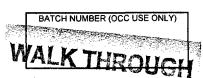
FILE ORIGINAL ONLY
PLEASE TYPE OR USE BLACK INK

1. OTC/OCC OPERATOR NUMBER
21639

2. API NUMBER

OKLAHOMA CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION
JIM THORPE BUILDING
P.O. BOX 52000
OKLAHOMA CITY, OK 73152-2000
(RUL F 165-10-3-1)



2. API NUMBER			(RULE 165:10-3-		VY.	ALK	THR	ALIO		
073-25045	j		(11022 100.10-0-	•					H	
3. NOTICE OF INTENT TO:  X DRILL RECOMPLETE	(CHECK ONLY O	<i>NE)</i> DEEPEN	AMEND - REASO		OPD b	ERMIT	tykova, j <b>a</b>	<b>对</b> 基础。。		
	PY OF 1002-A IF RECOMF >>>>>> (NOTE: DIRECTIONAL HOLE	PLETION OR REENTS If directional or horiz  X HORIZO	zontal, see reverse	side for bottom hole	e location)		ATE WELL AN OR SPACING			
B. X OIL/GAS INJECTION		WATER SUPPLY		SERVICE W	ELL		5280			
5. WELL LOCATION:		_	<del></del>		2310			-		
SECTION 4 TOWNSHIP 17	'N RANGE 5	W COUNTY	Kingfi	sher	1650					
SPOT LOCATION:	FEI	ET FROM QUARTER			990		***************************************		AUL.III	
N2 1/4 S2 1/4 N2	1/4 NW 1/4 SE	CTION LINES:	940' FNL	1320'					******	
7. Well will be 940'		nit or property bound	ary. WELL NUMBER:		330				_	û N
<b>L</b> II	ncoln North Unit			83-2H-0	2310					"
9. NAME OF Hinkle Oil OPERATOR	& Gas, Inc.		EMAIL ADDRESS: rahinkle@hoag	i.com	1650					
ADDRESS 5600 N. May	Avenue, Suite 2	295 PHONE (AC	C/NUMBER) 40	5-848-0924	990					
CITY Oklahoma	City	ATE OK	ZIP CODE	73112	330		THE RESERVE OF THE PARTY OF THE			
10. SURFACE OWNER (ONE ONLY, ATTACH SH					1 -	1320	2640	1980	72640	
			Emmerich Re	ev. Trust	44" 15 20011		ods under federa			
ADDRÉSS	P.	O. Box 237			III. IS WOILK	Y	X N	ai julistiction?		
Crescent	STA	OK OK	ZIP CODE	73028	Will sur	ater well be face water b	e used?	Y X N Y X N	- 1	_ SEC _
14. LIST TARGET FORMATIONS AND DE	EPTHS OF EACH BELOW	(LIMITED TO TEN)			13. Date Op	peration to B	egin	ASAP		Linc
1) Osweg	o 6400'		6)	····					WELL N	TOWNSHIP Incoln North Unit
2)		<del></del>	7)						NAME	
3)			8)							
4)			9)						_ _	RANGE 83-21
5)			10)						י [_	일 살
15. SPACING ORDER NUMBER(S) AND	SIZE UNIT(S):			119269 -	Unit		_			. 1
16. PENDING APPLICATION C.D. NO. N/A	17. LOCATION EXC	EPTION ORDER NO.	18. INCREAS	ED DENSITY ORDE N/A	R NO.				7	
19. TOTAL DEPTH 20. GROUND ELEV. 12,548' 1116'	190'		240'	Y X N	USED?		SCAN	M-1		
24. ALTERNATIVE CASING PROCEDURE A. Cement will be circulated from				le, line 31.)			JOHN	6117		
B. Cement will be circulated from	ndep		depth by use of a tv	vo stage cementing to			_			
25.1. PIT INFORMATION: Using more that A. TYPE OF MUD SYSTEM:	n one pit or mud system?  X WATER BASED	OIL BASED	N If yes, fill out li	ne 25.2 on top revers AIR DRILL)	e side.					
B. EXPECTED MUD CHLORID PIT #1 C. TYPE OF PIT SYSTEM:	E CONTENT: maxii X on-site	mum: 4000 off-site		rage: 1800 f-site, specify location	ppm.				_	
D. IS DEPTH TO TOP OF GRO	UND WATER GREATER 1			Y X N				······································	_	
E. WITHIN 1 MILE OF MUNICIF F. WELLHEAD PROTECTION		$\frac{\mathbf{X}^{N}}{X^{N}}$			Off-Site I	Pit No.			_	
26.1 A. CATEGORY	1A 1B 2 3 4	С	<del></del>						٦	
OCC USE ONLY  B. PIT LOCATION:  C. Special area or fie	Alluvial Plain	Terrace Deposit	D. DEEP SCA		S.AN		Fm: required?	Y	N	
F. SOIL COMPACTE 27. PROPOSED METHOD FOR DISPOSA	D LINER REQUIRED?	Y N		OMEMBRANE LINER	REQUIRED?	Y	N		┙	
A. Evaporation/dewater and back	,	MOST BE COMPLET	LD,							
<ul> <li>B. Solidification of pit contents.</li> <li>C. Annular Injection (REQUIRE</li> </ul>	S PERMIT and surface cas	sing set 200 feet below	base of treatable wa	ater-bearing formation	1.)	PERMIT	NO.			
X D. One time land application	(REQUIRES PI	_		7-33310					_	
Haul to Commercial pit facility     F. Haul to Commercial soil farm					Order No					
G. Haul to recycling/re-use facil H. Other, Specify:	ty; Specify site:				Order No	D			_	
	I am authorized to s	uhmit this two no	ne application r	renared by mo	or under m	v sunenii	sion		_	
	r am admonzed to s proposals made here	•		•						
SIGNATURE		ME (Print or Type)		PHONE (A	(C/NO.)	FAX	C	DATE	-	
NOTICE: Approval is void if operations ha	ve not commenced within s		A. Hinkle of approval. An app		-848-0924 posted at the		848-0926 Ing drilling and o	10/19/2017 completion ope		ıs. /

File the Form 1001A, Spud Report, within fourteen days of commencement of operations.



28.2 PIT INFORMATION:  A TYPE OF MUD SYSTEM:  WATER BASED OIL BASED OGAS BASED (AIR DRILL)  B EXPECTED MUD CHLORIDE CONTENT:  maximum:  maximum:  ppm.  Inf-site.  Oil-site.  Oi	A. TYPE OF MUD SYSTEM:   WATER BASED   GAS BASED (AIR ORILL)   Pom; everage   Pom		NOTIFY DISTRICT OFFICE 24 HOURS PRIOR TO CEMENTING SURFACE CASING.
B. EXPECTED MUD CHLORIDE CONTENT:	B. EXPECTED MUD CHLORIDE CONTENT:		25.2. PIT INFORMATION:
D. IS DEPTH TO TOP OF GROUND WATER GREATER THAN 10 FT BELOW BASE OF PIT?  E. WITHIN 1 MILE OF MUNICIPAL WATER WELL?  F. WELLHEAD PROTECTION AREA?  N  26.2 GCC USE ONLY  A. CATEGORY  1A 18 2 3 4 FM.  Bedrock Aquifer  Other H.S.A.  Non-H.S.A.  C. Special area of field rule?  D. DEEP SCA?  D. DEEP SCA?  N  S. 20 IN GOUNDACTED LINER REQUIRED?  Y. N.  G. 20 mil GEOMEMBRANE LINER REQUIR.  Y. N.  F. SOIL COMPACTED LINER REQUIRED?  Por Directional Hole:  SPOT LOCATION:  All 14 1/4 1/4 1/4 SECTION LINES:  BELL from nearest Lease, Unit, Or Property Line:  Depth  Depth  Depth  Depth  Direction  Direction  Direction  North  FEET FROM QUARTER from SOUTH LINE  from WEST LINE  SSO 10CATION:  SSO 10CATION:  Redius of Tum  900'  Measured Total  Direction	D. IS DEPTH TO TOP OF GROUND WATER GREATER THAN 10 FT BELOW BASE OF PIT?  IN WELLHEAD PROTECTION AREA?  Y N  CUSE ONLY A CATEGORY 1A 18 2 3 4 C Bedrock Aquifer Other H.S.A. Non-H.S.A. Special area of feld rule?  JOSEP SCA.? Y N E. CBL? Y N  SOULCOMPACTED LINER REQUIRED?  Y N S. 20 mil GEOMEMBRANE LINER REQUIR. IV N  Special area of feld rule?  Special area of feld rule?  Total Special area of feld rule?  Total 1/4 1/4 1/4 1/4 1/4 1/5 SECTION LINES:  BHL from nearest Lease, Unit, Or Property Lines  Directional Hole.  CATION:  If SEC. 28 TWP RGE  COUNTY  RGE  COUNTY  RGE  COUNTY  FEET FROM QUARTER from SOUTH LINE  FEET FROM QUARTER from WEST LINE 1/4 1/4 1/4 1/4 1/4 1/4 1/4 1/4 1/4 1/4		
E. WITHIN 1 MILE OF MUNICIPAL WATER WELL? F. WELHEAD PROTECTION AREA? F. WELHEAD PROTECTION AREA? F. WELHEAD PROTECTION AREA?  8. PIT LOCATION: Alluvial Plain Terrace Deposit Bedrock Aquifer Other H.S.A. Non-H.S.A. C. Special area of feld rule? F. SOIL COMPACTED LINER REGUIRED?	E. WITHIN 1 MILE OF MUNICIPAL WATER WELL? F. WELLHEAD PROTECTION AREA?  Y  N  CUSE ONLY A CATEGORY A LATEGORY B LATEGORY A LATEGORY A LATEGORY A LATEGORY A LATEGORY A LATEGORY B LATEGORY A LATEGORY A LATEGORY B LATEGORY A LATEGORY B LATEGORY	B. EXPECTED MUD CHLORIDE CONTENT: maximum: ppm; average:ppm.	A. TYPE OF MUD SYSTEM:WATER BASEDOIL BASEDGAS BASED (AIR DRILL)
F. WELLHEAD PROTECTION AREA?  9	F. WELLHEAD PROTECTION AREA?   Y   N   C   STUDEN   STU	2 C. TYPE OF PIT SYSTEM:on-siteoff-siteclosed If off-site, specify location:	A. TYPE OF MUD SYSTEM:WATER BASEDOIL BASEDGAS BASED (AIR DRILL)  B. EXPECTED MUD CHLORIDE CONTENT:maximum:ppm; average:ppm.  PIT #2 C. TYPE OF PIT SYSTEM:on-siteoff-siteclosed
E. PIT LOCATION: Alluvial Plain Terrace Deposit Bedrock Aquifer Other H.S.A. Non-H.S.A. C. Special area or field rule? D. DEEP SCA? Y. N. E. CBL? Y. N. P. F. SOIL. COMPACTED LINER REQUIRED? Y. N. G. 20 mil GEOMEMBRANE LINER REQUIRI. Y. N. P. F. SOIL. COMPACTED LINER REQUIRED? Y. N. G. 20 mil GEOMEMBRANE LINER REQUIRI. Y. N. P. F. SOIL. COMPACTED LINER REQUIRED? Y. N. G. 20 mil GEOMEMBRANE LINER REQUIRI. Y. N. P. F. SOIL. COMPACTED LINER REQUIRI. Y. N. P. F. SOIL. COMPACTED LINER REQUIRI. Y. N. P. F. SOIL. COMPACTED LINER SECTION LINES:  SPOT LOCATION: 1/4 1/4 1/4 1/4 1/4 1/4 SECTION LINES: BHL from nearest Lease, Unit, Cr Property Line. Depth Depth BHL from nearest Lease, Unit, Cr Property Line. Depth Section Hole Location for Honzonial Hole: (LATERAL #1: SEC 28 TWP 18 N. RGE 5W COUNTY Kingfisher SPOT LOCATION: S. 2 1/4 S.2 1/4 S.W. 1/4 SECTION LINES: 330' L. 1320' L. 1320	PIT LOCATION:	C. TYPE OF PIT SYSTEM:on-siteoff-siteclosedlf off-site, specify location:  D. IS DEPTH TO TOP OF GROUND WATER GREATER THAN 10 FT BELOW BASE OF PIT?YN	A. TYPE OF MUD SYSTEM: WATER BASED OIL BASED GAS BASED (AIR DRILL)  B. EXPECTED MUD CHLORIDE CONTENT: maximum: ppm; average: ppm.  PIT #2 C. TYPE OF PIT SYSTEM: on-site off-site closed If off-site, specify location:  D. IS DEPTH TO TOP OF GROUND WATER GREATER THAN 10 FT BELOW BASE OF PIT? Y N
C. Special area or field rule?  P. N. G. 20 mil GEOMEMBRANE LINER REQUIRE V. N. S. 20 mil GEOMEMBRANE LINER REQUIRIT. Y. N. S. 20 mil GEO	Special area or field rule?  D. DEEP SCA? Y. N. E. CBL? Y. N. N. G. 20 mil GEOMEMBRANE LINER REQUIRED? Y. N. G. 20 mil GEOMEMBRANE LINER REQUIRITY Directional Hole:  Directional Hole:  Directional Hole:  True Vertical Depth  Total  True Vertical Depth  Total  True Vertical Depth  T	C. TYPE OF PIT SYSTEM:on-siteoff-siteclosed If off-site, specify location:  D. IS DEPTH TO TOP OF GROUND WATER GREATER THAN 10 FT BELOW BASE OF PIT?Y N Off-Site Pit No	A. TYPE OF MUD SYSTEM:WATER BASEDOIL BASEDGAS BASED (AIR DRILL)  B. EXPECTED MUD CHLORIDE CONTENT:maximum:ppm; average:ppm.  PIT #2 C. TYPE OF PIT SYSTEM:on-siteoff-siteclosed
F. SOIL COMPACTED LINER REQUIRED?  Y N G. 20 mil GEOMEMBRANE LINER REQUIR!  Y N N G. 20 mil GEOMEMBRANE LINER REQUIR!  Y N N G. 20 mil GEOMEMBRANE LINER REQUIR!  Y N N G. 20 mil GEOMEMBRANE LINER REQUIR!  Y N N G. 20 mil GEOMEMBRANE LINER REQUIR!  Y N N G. 20 mil GEOMEMBRANE LINER REQUIR!  Y N N G. 20 mil GEOMEMBRANE LINER REQUIR!  Y N N REG COUNTY  Measured Total I/4 1/4 1/4 1/4 1/4 SECTION LINES:  BHL from nearest Lease, Unit, Or Property Line:  Depth 990  30. Böttom Hole Location for Horizontal Hole: (LATERALS)  LATERAL \$1: SEC 28 TWP 18N RGE 5W COUNTY Kingfisher  SPOT LOCATION:  S 1/4 S 2 1/4 S 2 1/4 S W 1/4 SECTION LINES:  330' North 5960'  S 688' 900' North 5960'  Measured Total Depth 12,548' True Vertical Depth 6261' End Point location from nearest lease, unit or property line:  1/4 1/4 1/4 1/4 1/4 SECTION LINES:  BEC TWP RGE COUNTY  FEET FROM QUARTER from SOUTH LINE from WEST LINE sheet indicating the necessary information.  Property of Deviation Redius of Turn Direction Total Length  Depth Of Deviation Redius of Turn Direction Total Length  SecTION LINES:  End Point location from nearest lease, unit or property line:  1/4 1/4 1/4 1/4 1/4 SECTION LINES:  End Point location from nearest lease, unit or property line:  1/4 1/4 1/4 1/4 1/4 1/4 SECTION LINES:  End Point location from nearest lease, unit or property line:  1/5 1/5 1/5 1/5 1/5 1/5 1/5 1/5 1/5 1/5	SOIL COMPACTED LINER REQUIRED? Y N G 20 mill GEOMEMBRANE LINER REQUIRI Y N I GO TOTAL TOTAL LENGTH OF TOTAL LE	C. TYPE OF PIT SYSTEM:on-siteoff-siteclosedlf off-site, specify location:  D. IS DEPTH TO TOP OF GROUND WATER GREATER THAN 10 FT BELOW BASE OF PIT?	A. TYPE OF MUD SYSTEM: WATER BASED OIL BASED GAS BASED (AIR DRILL)  B. EXPECTED MUD CHLORIDE CONTENT: maximum: ppm; average: ppm.  PIT #2 C. TYPE OF PIT SYSTEM: on-site off-site closed If off-site, specify location:  D. IS DEPTH TO TOP OF GROUND WATER GREATER THAN 10 FT BELOW BASE OF PIT? Y  E. WITHIN 1 MILE OF MUNICIPAL WATER WELL? Y N  F. WELLHEAD PROTECTION AREA? Y N  26.2 OCC USE ONLY A. CATEGORY 1A 1B 2 3 4 C Fm: 28. Locate Bottom Hole
29 Bottom Hole Location SEC TWP RGE COUNTY for Directional Hole:  SPOT LOCATION: 1/4 1/4 1/4 1/4 1/4 1/4 1/4 1/4 1/4 1/4	tion Hole Location SEC TWP RGE COUNTY Directional Hole:    14	C. TYPE OF PIT SYSTEM:on-siteoff-siteclosed If off-site, specify location:  D. IS DEPTH TO TOP OF GROUND WATER GREATER THAN 10 FT BELOW BASE OF PIT?	A. TYPE OF MUD SYSTEM: WATER BASED OIL BASED GAS BASED (AIR DRILL)  B. EXPECTED MUD CHLORIDE CONTENT: maximum: ppm; average: ppm.  PIT #2 C. TYPE OF PIT SYSTEM: on-site off-site closed If off-site, specify location:  D. IS DEPTH TO TOP OF GROUND WATER GREATER THAN 10 FT BELOW BASE OF PIT? Y N  E. WITHIN 1 MILE OF MUNICIPAL WATER WELL? Y N  F. WELLHEAD PROTECTION AREA? Y N  26.2 OCC USE ONLY A. CATEGORY 1A 1B 2 3 4 C Fm: Other H.S.A. Non-H.S.A.  B. PIT LOCATION: Alluvial Plain Terrace Deposit Bedrock Aquifer Other H.S.A. Non-H.S.A.
SPOT LOCATION: 1/4 1/4 1/4 1/4 1/4 1/4 1/4 1/4 1/4 1/4	Indication   Ind	C. TYPE OF PIT SYSTEM:on-siteoff-siteclosed If off-site, specify location:  D. IS DEPTH TO TOP OF GROUND WATER GREATER THAN 10 FT BELOW BASE OF PIT?YN  E. WITHIN 1 MILE OF MUNICIPAL WATER WELL?YN  F. WELLHEAD PROTECTION AREA?YN  DCC USE ONLY A. CATEGORY 1A 1B 2 3 4 CFTM:	A. TYPE OF MUD SYSTEM: WATER BASED OIL BASED GAS BASED (AIR DRILL)  B. EXPECTED MUD CHLORIDE CONTENT: maximum: ppm; average: ppm,  C. TYPE OF PIT SYSTEM: on-site off-site closed if off-site, specify location:  D. IS DEPTH TO TOP OF GROUND WATER GREATER THAN 10 FT BELOW BASE OF PIT? Y N  E. WITHIN 1 MILE OF MUNICIPAL WATER WELL? Y N  F. WELLHEAD PROTECTION AREA? Y N  26.2 OCC USE ONLY A. CATEGORY 1A 1B 2 3 4 C Fm: Other H.S.A. Non-H.S.A.  C. Special area or field rule? D. DEEP SCA? Y N E. CBL? Y N 5280
1/4	1/4 1/4 1/4 1/4 1/4 1/4 1/4 1/4 1/4 1/4	C. TYPE OF PIT SYSTEM:	A. TYPE OF MUD SYSTEM: WATER BASED OIL BASED GAS BASED (AIR DRILL)  B. EXPECTED MUD CHLORIDE CONTENT: maximum: ppm; average: ppm; average:  C. TYPE OF PIT SYSTEM: on-site off-site closed if off-site, specify location:  D. IS DEPTH TO TOP OF GROUND WATER GREATER THAN 10 FT BELOW BASE OF PIT?  E. WITHIN 1 MILE OF MUNICIPAL WATER WELL? Y N  F. WELLHEAD PROTECTION AREA? Y N  C8.2 OCC USE ONLY A. CATEGORY 1A 1B 2 3 4 C Fm: 28. Locate Bottom Hole  B. PIT LOCATION: Alluvial Plain Terrace Deposit Bedrock Aquifer Other H.S.A. Non-H.S.A.  C. Special area or field rule? D. DEEP SCA? Y N E. CBL? Y N  F. SOIL COMPACTED LINER REQUIRED? Y N G. 20 mil GEOMEMBRANE LINER REQUIR Y N  29. Bottom Hole Location SEC TWP RGE COUNTY
Measured Total   Depth   Dep	Second Total	C. TYPE OF PIT SYSTEM:	A. TYPE OF MUD SYSTEM: WATER BASED OIL BASED GAS BASED (AIR DRILL)  B. EXPECTED MUD CHLORIDE CONTENT: maximum: ppm; average: ppm, average: ppm
ATERAL #1: SEC 28 TWP 18N RGE 5W COUNTY Kingfisher SPOT LOCATION: S2 1/4 S2 1/4 SW 1/4 SECTION LINES: 330' North S588' Radius of Turn Spept not Deviation Spect not specificate the specific not not specific not not specific not	mom Hole Location for Honzontal Hole: (LATERALS)  #1: SEC 28 TWP 18N RGE 5W COUNTY Kingfisher  DIVATION: 1/4 S2 1/4 SV 1/4 SECTION LINES: 330' 1320' 176 Valuation Radius of Turn  Direction North 5960' 2310  1850  1865  900' North 5960' 2310  1865  990' 2310  1865  990' 2310  1865  990' 2310  1865  990' 2310  1865  990  330'  1865  990' 2310  1865  1865  990' 2310  1865  1865  990' 2310  1865  1865  990' 2310  1865  1865  990' 2310  1865	C. TYPE OF PIT SYSTEM: on-site off-site closed If off-site, specify location:  D. IS DEPTH TO TOP OF GROUND WATER GREATER THAN 10 FT BELOW BASE OF PIT?  E. WITHIN 1 MILE OF MUNICIPAL WATER WELL?  Y. N. Off-Site Pit No.  F. WELLHEAD PROTECTION AREA?  Y. N. Off-Site Pit No.  C. SPECIAL OF A CATEGORY  A Iduvial Plain  Terrace Deposit  Bedrock Aquifer  Other H.S.A. Non-H.S.A.  C. Special area or field rule?  D. DEEP SCA? Y. N. E. CBL? Y. N.  SOIL COMPACTED LINER REQUIRED?  Y. N. G. 20 mil GEOMEMBRANE LINER REQUIRI Y. N.  Softom Hole Location  SEC TWP  RGE  COUNTY  TO Directional Hole:  COCATION:  1/4 1/4 1/4 1/4 SECTION LINES:  FEET FROM QUARTER from SOUTH LINE  FOR WEST LINE  990	A. TYPE OF MUD SYSTEM: WATER BASED OIL BASED GAS BASED (AIR DRILL)  B. EXPECTED MUD CHLORIDE CONTENT: maximum: ppm; average: ppm.  C. TYPE OF PIT SYSTEM: on-site off-site closed If off-site, specify location:  D. IS DEPTH TO TOP OF GROUND WATER GREATER THAN 10 FT BELOW BASE OF PIT? Y N  E. WITHIN 1 MILE OF MUNICIPAL WATER WELL? Y N  F. WELLHEAD PROTECTION AREA? Y N  B. PIT LOCATION: Alluvial Plain Terrace Deposit Bedrock Aquifer Other H.S.A. Non-H.S.A.  C. Special area or field rule? D. DEEP SCA? Y N E. CBL? Y N  F. SOIL COMPACTED LINER REQUIRED? Y N G. 20 mil GEOMEMBRANE LINER REQUIR Y N  PROTEOTION SEC TWP RGE COUNTY  for Directional Hole:  SPOT LOCATION: 1/4 1/4 1/4 1/4 SECTION LINES: 990
ATERAL \$1: SEC 28 TWP 18N RGE 5W COUNTY Kingfisher  SPOT LOCATION: S2 1/4 S2 1/4 SV 1/4 SECTION LINES: 330' Total Length 5688' 900' North 5960' Measured Total Depth 12,548' True Vertical Depth 1/4 1/4 1/4 1/4 SECTION LINES: 330' Total Length SPOT LOCATION: 170	SEC   28 TWP   18N RGE   5W   COUNTY   Kingfisher   COUNTY	C. TYPE OF PIT SYSTEM: on-site off-site closed If off-site, specify location:  D. IS DEPTH TO TOP OF GROUND WATER GREATER THAN 10 FT BELOW BASE OF PIT?  E. WITHIN 1 MILE OF MUNICIPAL WATER WELL?  Y N  Off-Site Pit No.  F. WELLHEAD PROTECTION AREA?  Y N  OCC USE ONLY  A. CATEGORY  A IB 2 3 4 C  Fm:  C. Special area or field rule?  D. DEEP SCA?  Y N E. CBL?  Y N  SOIL COMPACTED LINER REQUIRED?  Y N G. 20 mil GEOMEMBRANE LINER REQUIRI  TO Directional Hole:  1/4 1/4 1/4 1/4 SECTION LINES:  True Viertical  BHL from nearest Lease, Unit, Or Property Line:  BHL from nearest Lease, Unit, Or Property Line:	A. TYPE OF MUD SYSTEM: WATER BASED OIL BASED GAS BASED (AIR DRILL)  B. EXPECTED MUD CHLORIDE CONTENT: maximum: ppm; average: ppm, average: ppm
SPOT LOCATION: S2 1/4 S2 1/4 SW 1/4 SECTION LINES: 330'  Depth of Deviation S688'  Popth Section Lines: 330'  Measured Total Depth Section Lines: 330'  True Vertical Depth Section Lines: 330'  FEET FROM QUARTER from SOUTH Line Section Lines: 500 Market from WEST Line Section Lines: 500 Market from West Line Section Lines: 500 Market from West Line 500 Market fro	FEET FROM QUARTER from SOUTH LINE   From WEST LINE   SECTION LINES: 330'   STATE   SECTION LIN	C. TYPE OF PIT SYSTEM: on-site off-site closed If off-site, specify location:  D. IS DEPTH TO TOP OF GROUND WATER GREATER THAN 10 FT BELOW BASE OF PIT?  E. WITHIN 1 MILE OF MUNICIPAL WATER WELL?  Y. N. Off-Site Pit No.  F. WELLHEAD PROTECTION AREA?  Y. N. Off-Site Pit No.  C. SPECIAL OF A. CATEGORY  A Iduvial Plain  Terrace Deposit  Bedrock Aquifer  Other H.S.A. Non-H.S.A.  C. Special area or field rule?  D. DEEP SCA? Y. N. E. CBL? Y. N.  SOIL COMPACTED LINER REQUIRED?  Y. N. G. 20 mil GEOMEMBRANE LINER REQUIRI Y. N.  SOIL COMPACTED LINER REQUIRED?  Y. N. G. 20 mil GEOMEMBRANE LINER REQUIRI Y. N.  SOIL COMPACTED LINER REQUIRED?  Y. N. G. 20 mil GEOMEMBRANE LINER REQUIRI Y. N.  SOIL COMPACTED LINER REQUIRED?  Y. N. G. 20 mil GEOMEMBRANE LINER REQUIRI Y. N.  SOIL COMPACTED LINER REQUIRED?  TO Directional Hole:  LOCATION:  1/4 1/4 1/4 1/4 SECTION LINES:  1/5 1/4 1/4 1/4 1/4 SECTION LINES:  1/6 1/5 1/6 1/6 1/6 1/6 1/6 1/6 1/6 1/6 1/6 1/6	A. TYPE OF MUD SYSTEM: WATER BASED OIL BASED GAS BASED (AIR DRILL)  B. EXPECTED MUD CHLORIDE CONTENT: maximum: ppm; average: ppm; average: ppm, average: ppm
S2 1/4 S2 1/4 SV 1/4 SW 1/4 SECTION LINES: 330' 1320'    Page	1/4 S2 1/4 SV 1/4 SECTION LINES: 330' 1320'   Deviation 5688'	C. TYPE OF PIT SYSTEM: on-site off-site closed off-site, specify location:  D. IS DEPTH TO TOP OF GROUND WATER GREATER THAN 10 FT BELOW BASE OF PIT?  E. WITHIN 1 MILE OF MUNICIPAL WATER WELL?  Y N  Off-Site Pit No.  F. WELLHEAD PROTECTION AREA?  Y N  OFF-SITE PIT NO.  P. WELLHEAD PROTECTION AREA?  Y N  OFF-SITE PIT NO.  P. WELLHEAD PROTECTION AREA?  Y N  OFF-SITE PIT NO.  P. WELLHEAD PROTECTION AREA?  Y N  OFF-SITE PIT NO.  P. WELLHEAD PROTECTION AREA?  Y N  OFF-SITE PIT NO.  P. WELLHEAD PROTECTION AREA?  Y N  OFF-SITE PIT NO.  P. WELLHEAD PROTECTION AREA?  Y N  D. DEEP SCA? Y N E. CBL? Y N  SOIL COMPACTED LINER REQUIRED?  Y N  SOIL COMPACTED LINER REQUIRED?  Y N  GOOD MILE PROMINE PIT NO.  SOIL COMPACTED LINER REQUIRED?  Y N  SOIL COMPACTED LINER REQUIRED?  Y N  GOOD MILE PROMINE PIT NO.  SOIL COMPACTED LINER REQUIRED?  Y N  SOIL COMPACTED LINER REQ	A. TYPE OF MUD SYSTEM: WATER BASED OIL BASED GAS BASED (AIR DRILL)  B. EXPECTED MUD CHLORIDE CONTENT: maximum: ppm; average: ppm
Second Point   Seco	Second Form	C. TYPE OF PIT SYSTEM: on-site off-site closed If off-site, specify location:  D. IS DEPTH TO TOP OF GROUND WATER GREATER THAN 10 FT BELOW BASE OF PIT?  E. WITHIN 1 MILE OF MUNICIPAL WATER WELL?  Y N  Off-Site Pit No.  F. WELLHEAD PROTECTION AREA?  Y N  OCCUSE ONLY  A. CATEGORY  A 18 2 3 4 C  Fm:  3. PIT LOCATION: Alluvial Plain  Terrace Deposit  Bedrock Aquifer  Other H.S.A. Non-H.S.A.  C. Special area or field rule?  D. DEEP SCA?  Y N E. CBL?  Y N  SOIL COMPACTED LINER REQUIRED?  Y N G. 20 mil GEOMEMBRANE LINER REQUIRI  Y N  SOID COMPACTED LINER REQUIRED?  Y N G. 20 mil GEOMEMBRANE LINER REQUIRI  Y N  SOID TO Directional Hole:  LOCATION:  1/4 1/4 1/4 1/4 SECTION LINES:  True Vertical Depth  Ottom Hole Location for Horizontal Hole: (LATERALS)  AL \$41: SEC 28 TWP 18N RGE 5W COUNTY  Kingfisher  TEREFEROM QUARTER from WEST LINE  N  N  AL \$41: SEC 28 TWP 18N RGE 5W COUNTY  Kingfisher  TEREFEROM QUARTER from WEST LINE  TEREFEROM QUARTER from WEST LINE  SOIL TO Property Line:  Depth  N  AL \$41: SEC 28 TWP 18N RGE 5W COUNTY  Kingfisher  TEREFEROM QUARTER from WEST LINE  TEREFEROM QUARTER from WEST LINE  SOIL TO PROPERTY LINE  SOIL TO SOURT STATEMENT SOIL TO SOURT STATEMENT SOIL TO SOURT STATEMENT SOIL TO SOURT SOIL TO SO	A. TYPE OF MUD SYSTEM: WATER BASED OIL BASED GAS BASED (AIR DRILL)  B. EXPECTED MUD CHLORIDE CONTENT: maximum: ppm; average: ppm.  D. IS DEPTH TO TOP OF GROUND WATER GREATER THAN 10 FT BELOW BASE OF PIT? Y N  E. WITHIN 1 MILE OF MUNICIPAL WATER WELL? Y N  E. W
Measured Total Depth 12,548' True Vertical Depth 6261' End Point location from nearest lease, unit or properly line: 330'  ATERAL #2: SEC TWP RGE COUNTY  SPOT LOCATION: 1/4 1/4 1/4 1/4 SECTION LINES: SEC TWP RGE COUNTY  True Vertical Depth Direction Form WEST LINE Section Lines: Section Lin	12,548' True Vertical Depth 6261' End Point location from nearest lease, unit or property line: 330'  82: SEC TWP RGE COUNTY  FEET FROM QUARTER from SOUTH LINE from WEST LINE 1/4 1/4 1/4 1/4 1/4 1/4 1/4 SECTION LINES:  Direction True Vertical Depth Direction From nearest lease, unit or property line:  1. If more than two drainholes are proposed, attach separate sheet indicating the necessary information.  2. Direction must be stated in degrees azimuth.  3. Please note the horizontal drainhole and its end point must be located within the legal boundaries of the lease or spacing unit. Directional surveys are required for all drainholes and directional wells.	2 C. TYPE OF PIT SYSTEM:	A. TYPE OF MUD SYSTEM: WATER BASED OIL BASED GAS BASED (AIR DRILL)  B. EXPECTED MUD CHLORIDE CONTENT: maximum: ppm; average: ppm.  Off-site closed If off-site, specify location:  D. IS DEPTH TO TOP OF GROUND WATER GREATER THAN 10 FT BELOW BASE OF PIT? Y N  E. WITHIN 1 MILE OF MUNICIPAL WATER WELL? Y N  E. WIELHEAD PROTECTION AREA? Y N  B. PIT LOCATION: Alluvial Plain Terrace Deposit Bedrock Aquifer Other H.S.A. Non-H.S.A.  C. Special area or field rule? D. DEEP SCA? Y N E. CBL? Y N  E. Solic COMPACTED LINER REQUIRED? Y N G. 20 mil GEOMEMBRANE LINER REQUIRING Y N  E. Solic COMPACTED LINER REQUIRED? Y N G. 20 mil GEOMEMBRANE LINER REQUIRING Y N  E. SOLIC COMPACTED LINER RECOURS OF TWP RGE COUNTY  for Directional Hole:  SPOT LOCATION: 1/4 1/4 1/4 1/4 SECTION LINES: BHL from nearest Lease, Unit, Or Property Line: Depth Depth Depth Depth Section Hole:  SEC 28 TWP 18N RGE 5W COUNTY Kingfisher  SEC 1/4 S2 1/4 S2 1/4 SW 1/4 SECTION LINES: 330' 1320'  1/5 SECTION LINES: 330' 1320'
ATERAL #2: SEC TWP RGE COUNTY  SPOT LOCATION: 1/4 1/4 1/4 1/4 1/4 SECTION LINES: Depth of Deviation  True Vertical Depth Depth Depth  True Vertical Depth Or properly line:  ATERAL #3: SEC TWP RGE COUNTY  SPOT LOCATION: 1/4 1/4 1/4 1/4 1/4 1/4 1/4 1/4 1/4 1/4	SEC   TWP   RGE   COUNTY   FEET FROM QUARTER from SOUTH LINE   Section Lines   Feet From South Lines   Section Lines   Secti	C. TYPE OF PIT SYSTEM:	A. TYPE OF MUD SYSTEM: WATER BASED OIL BASED GAS BASED (AIR DRILL)  B. EXPECTED MUD CHLORIDE CONTENT: maximum: ppm; average: ppm.  D. IS DEPTH TO TOP OF GROUND WATER GREATER THAN 10 FT BELOW BASE OF PIT? Y N  E. WITHIN 1 MILE OF MUNICIPAL WATER WELL? Y N  F. WELLHEAD PROTECTION AREA? Y N  B. PIT LOCATION: Alluvial Plain Terrace Deposit Bedrock Aquifer Other H.S.A. Non-H.S.A.  C. Special area or field rule? D. DEEP SCA? Y N E. CBL? Y N  F. SOIL COMPACTED LINER REQUIRED? Y N G. 20 mil GEOMEMBRANE LINER REQUIR! Y N  P. SOIL COMPACTED LINER REQUIRED? Y N G. 20 mil GEOMEMBRANE LINER REQUIR! Y N  P. SOIL COMPACTED LINER REQUIRED? TO IT IN SECTION LINES:  Measured Total True Vertical Depth Depth Depth 10 Beht In True Vertical Depth 10 Beht In Section Lines: 330 11 1650 1800 1800 1800 1800 1800 1800 1800 18
ATERAL #3: SEC TWP RGE COUNTY  SPOT LOCATION:  1/4 1/4 1/4 1/4 1/4 SECTION LINEs:  PEET FROM QUARTER from SOUTH LINE from WEST LINE  SECTION LINEs:  1 True Vertical Depth or property line:  ATERAL #3: SEC TWP RGE COUNTY  SPOT LOCATION:  1/4 1/4 1/4 1/4 1/4 1/4 1/4 SECTION LINES:  SECTION LINES:  SEC TWP RGE COUNTY  SECTION LINES:  SECTION LINES:  SEC TWP RGE COUNTY  SECTION LINES:  SECTION LINES	SEC TWP RGE COUNTY   FEET FROM QUARTER from SOUTH LINE   Section Lines   Feet From Quarter from South Line   Section Lines	C. TYPE OF PIT SYSTEM:	A. TYPE OF MUD SYSTEM: WATER BASED OIL BASED GAS BASED (AIR DRILL)  B. EXPECTED MUD CHLORIDE CONTENT: maximum: ppm; average: ppm.  17 #2 C. TYPE OF PIT SYSTEM: on-site off-site closed if off-site, specify location:  D. IS DEPTH TO TOP OF GROUND WATER GREATER THAN 10 FT BELOW BASE OF PIT? Y N  E. WITHIN 1 MILE OF MUNICIPAL WATER WELL? Y N  F. WELLHEAD PROTECTION AREA?  9 N  18 2 OCC USE ONLY A CATEGORY 1A 1B 2 3 4 C Fm: Other H.S.A. Non-H.S.A.  C. Special area or field rule? D. DEEP SCA? Y N E. CBL? Y N  F. SOIL COMPACTED LINER REQUIRED? Y N G. 20 mil GEOMEMBRANE LINER REQUIRI Y N  19 BOTO Troctional Hole: COUNTY For Directional Hole: True Vertical Depth Dept
FEET FROM QUARTER from SOUTH LINE from WEST LINE  1/4 1/4 1/4 1/4 1/4 SECTION LINES:  Direction  Radius of Turn  Radius of Turn  Direction  Total Length  Direction  Total Length  Direction must be stated in degrees azimuth.  Pleasured Total  Depth  Depth  Depth  True Vertical Depth	FEET FROM QUARTER from SOUTH LINE from WEST LINE  1/4 1/4 1/4 1/4 1/4 1/4 SECTION LINES:    FEET FROM QUARTER from SOUTH LINE from WEST LINE sheet indicating the necessary information.    Direction   Total Length   Direction must be stated in degrees azimuth.   Please note the horizontal drainhole and its end point must be located within the legal boundaries of the lease or spacing unit. Directional surveys are required for all drainholes and directional wells.    SEC TWP RGE COUNTY   FEET FROM QUARTER from SOUTH LINE from WEST LINE	C. TYPE OF PIT SYSTEM:	A. TYPE OF MUD SYSTEM:   WATER BASED   OIL BASED   GAS BASED (AIR DRILL)
1/4 1/4 1/4 1/4 1/4 SECTION LINES:  Sheet indicating the necessary information.  2. Direction must be stated in degrees azimuth.  3. Please note the horizontal drainhole and its end point must be located within the legal boundaries of the lease or spacing unit. Directional surveys are required for all drainholes and directional wells.  ATERAL #3: SEC TWP RGE COUNTY  POT LOCATION:  1/4 1/4 1/4 1/4 1/4 SECTION LINES:  Sheet indicating the necessary information.  2. Direction must be stated in degrees azimuth.  3. Please note the horizontal drainhole and its end point must be located within the legal boundaries of the lease or spacing unit. Directional surveys are required for all drainholes and directional wells.	1/4 1/4 1/4 1/4 1/4 SECTION LINES:    Total Length   Total Length   Section Lines:   Total Length   Section Length   Section Lines:   Total Length   Section Le	C. TYPE OF PIT SYSTEM:	A TYPE OF MUD SYSTEM: WATER BASED OIL BASED GAS BASED (AIR DRILL)  B. EXPECTED MUD CHLORIDE CONTENT: maximum: ppm; average: off-site olosed if foff-site, specify location:  D. IS DEPTH TO TOP OF GROUND WATER GREATER THAN 10 FT BELOW BASE OF PIT? Y N  E. WITHINI 1 MILE OF MUNICIPAL WATER WELL? Y N  6.2 OCC USE ONLY A. CATEGORY 1A 1B 2 3 4 C Fm: Other H.S.A. Non-H.S.A.  C. Special area or field roll area of related rule? D. D. DEEP SCA? Y N E. CBL? Y N N  F. SOIL COMPACTED LINER REQUIRED? Y N G. 20 mil GEOMEMBRANE LINER REQUIRI Y N  POT LOCATION: SEC TWP RGE COUNTY TOP
ATERAL #3: SEC TWP RGE COUNTY  POT LOCATION:  17	3. Please note the horizontal drainhole and its end point must be located within the legal boundaries of the lease or spacing unit. Directional surveys are required for all drainholes and directional wells.  SEC TWP RGE COUNTY  FEET FROM QUARTER from SOUTH LINE from WEST LINE  1/4 1/4 1/4 1/4 1/4 SECTION LINES:	C. TYPE OF PIT SYSTEM:	A TYPE OF MUD SYSTEM: WATER BASED OIL BASED GAS BASED (AIR DRILL)  B. EXPECTED MUD CHORIDE CONTENT: maximum: ppm; average: ppm.  11 #2 C TYPE OF PIT SYSTEM: on-site off-site olosed if off-site, specify location:  D. IS DEPTH TO TOP OF GROUND WATER GREATER THAN 10 FT BELOW BASE OF PIT? Y N  E. WITHIN 1 MILE OF MUNICIPAL WATER WELL? Y N  F. WELLHEAD PROTECTION AREA? Y N  B. PIT LOCATION: Alluvial Plain Terrace Deposit Bedrock Aquifer Other H.S.A. Non-H.S.A.  C. Special area or field rule? D. D. EEP SCA? Y N. E. C.BL? Y N  F. SOIL COMPACTED LINER REQUIRED? Y N. G. 20 mil GEOMEMBRANE LINER REQUIR! Y N  F. SOIL COMPACTED LINER REQUIRED? Y N. G. 20 mil GEOMEMBRANE LINER REQUIR! Y N  F. SOIL COMPACTED LINER REQUIRED? H. G. 20 mil GEOMEMBRANE LINER REQUIR! Y N  F. SOIL COMPACTED LINER REQUIRED? H. G. 20 mil GEOMEMBRANE LINER REQUIR! Y N  F. SOIL COMPACTED LINER REQUIRED? H. G. 20 mil GEOMEMBRANE LINER REQUIR! Y N  F. SOIL COMPACTED LINER REQUIRED? H. G. 20 mil GEOMEMBRANE LINER REQUIR! Y N  F. SOIL COMPACTED LINER REQUIRED? H. G. 20 mil GEOMEMBRANE LINER REQUIR! Y N  F. SOIL COMPACTED LINER REQUIRED? H. G. 20 mil GEOMEMBRANE LINER REQUIR! Y N  F. SOIL COMPACTED LINER REQUIRED? H. G. 20 mil GEOMEMBRANE LINER REQUIR! Y N  F. SOIL COMPACTED LINER REQUIRED? H. G. 20 mil GEOMEMBRANE LINER REQUIR! Y N  F. SOIL COMPACTED LINER REQUIRED? H. G. 20 mil GEOMEMBRANE LINER REQUIR! Y N  F. SOIL COMPACTED LINER REQUIRED? H. G. 20 mil GEOMEMBRANE LINER REQUIRED H. G. 20 mil GEOMEMBRANE
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Depth or property line:  LATERAL #3: SEC TWP RGE COUNTY  SPOT LOCATION:  1/4 1/4 1/4 1/4 1/4 SECTION LINES:  Depth or property line:  unit. Directional surveys are required for all drainholes and directional wells.  Unit. Directional surveys are required for all drainholes and directional wells.	Depth or property line:  unit. Directional surveys are required for all drainholes and directional wells.  #3: SEC TWP RGE COUNTY  DOCATION:  1/4 1/4 1/4 1/4 SECTION LINES:  Unit. Directional surveys are required for all drainholes and directional wells.	2 C. TYPE OF PIT SYSTEM: on-site off-site closed if off-site, specify location: D. IS DEPTH TO TOP OF GROUND WATER GREATER THAN 10 FT BELOW BASE OF PIT? Y. N. Off-Site Pit No.  E. WITHIN1 MILE OF MUNICIPAL WATER WELL? Y. N. N. Off-Site Pit No.  FWELLHEAD PROTECTION AREA?  B. PIT LOCATION: Alluvial Plain Terrace Deposit Bedrock Aquifer Other H.S.A. Non-H.S.A. S. Special area or field rule?  S. SDIL COMPACTED LINER REQUIRED? Y. N. G. 20 mil GEOMEMBRANE LINER REQUIR. Y. N. Soltom Hole Location SEC TWP RGE COUNTY  TO Directional Hole:  LOCATION: 1/4 1/4 1/4 SECTION LINES: 100 CATION: 1/4 SC 1/4 SV 1/4 SV 1/4 SC 1/4 SW 1/4 SECTION LINES: 100 CATION: 100 FERSION OF THE PROPERTY OF TH	A TYPE OF MUD SYSTEM: WATER BASED OIL BASED GAS BASED (AIR DRILL)  B. EXPECTED MUD CHLORIDE CONTENT: maximum: ppm; average, severage for site severage for s
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3. The projected depth of the well is is NOT less than 100 feet from the top of any enhanced recovery project or gas storage facility.  4. List the following for all water wells within 1/4 mile of this well. (Information concerning some water wells may be obtained from the OKLAHOMA WATER RESOURCES BOARD, 3800 N. Classen Bivd., Oklahoma City, OK 73118). IF NO WATER WELLS FOUND, SO STATE. (ATTACH ADDITIONAL SHEET IF NECESSARY)	Depth or property line:  IDAVIT FOR ALTERNATIVE CASING PROGRAM (Signature on front of this form attests to this affidavit)  This well will will not penetrate any known lost circulation zones.	2 C. TYPE OF PIT SYSTEM: on-site of state closed of the site, specify location.  D. SIDEPT NO TOO POF GROUND WATER GREATER THAN 10 FT BELOW BASE OF PIT?  E. WITHIN 1 MILE OF MUNICIPAL WATER WELL?  Y. N. N. Off-Site Pit No.  OF USE GNLY A CATEGORY 1A 16 2 3 4 5 N. O. Fm: Terrace Doposit Bedrock Aquilife Other HS A. Non-HS A. SPECIAL OF THE NO.  Special area of field rule?  D. D. DEEP SCA? Y. N. E. CBL? Y. N. N. C. 20 MILE COUNTY  OF DESCRIPTION Allowal Plain Terrace Doposit Bedrock Aquilife Final County No.  OF DESCRIPTION Allowal Plain Terrace Doposit Bedrock Aquilife Final County No.  D. DEEP SCA? Y. N. E. CBL? Y. N. N. C. 20 MILE COUNTY  OF DESCRIPTION ALLOWAL PLAIN AND ALLOW	A TYPE OF MUD SYSTEM: WATER BASED OIL BASED GAS BASED (AIR DRILL)  B EXPECTED MUD CHLODIC CONTENT: maximum: ppm; average; of colored of off-sile october of ord-sile october of the colored off-sile october
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5. A cement bond log is required to be run and submitted from not less than 100 feet below the base of the treatable water-bearing formation to the surface. OCC USE ONLY 6. If casing depth is more than 250 feet deeper than base of the treatable water-bearing formation, operator must submit a letter of request listing reasons and precautions to be taken.	Depth   Or property line:	2 C. TYPE OF PIT SYSTEM. On-site of the control of	A TYPE OF MUD SYSTEM WATER ASSED _ LIGH ASSED _ CAS BASED (ANE) DRIVED THE STATEMENT OF STATEMEN
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TERAL #3:         SEC         TWP         RGE         COUNTY           OT LOCATION:           FEET FROM QUARTER from SOUTH LINE         from WEST LINE           1/4         1/4         1/4         1/4	#3: SEC TWP RGE COUNTY  OCATION:  1/4 1/4 1/4 1/4 SECTION LINES:  FEET FROM QUARTER from SOUTH LINE from WEST LINE SECTION LINES:	2 C. TYPE OF PIT SYSTEM: on-site off-site closed if off-site, specify location: D. IS DEPTH TO TOP OF GROUND WATER GREATER THAN 10 FT BELOW BASE OF PIT? Y. N. Off-Site Pit No.  F. WELLHEAD PROTECTION AREA? Y. N. OFF-Site Pit No.  SPIT LOCATION: Alluvial Plain Terrace Deposit Bedrock Aquifer Other H.S.A. Non-H.S.A. Special area or field rule? D. DEEP SCA? Y. N. E. CBL? Y. N. SOIL COMPACTED LINER REQUIRED? Y. N. G. 20 mil GEOMEMBRANE LINER REQUIRE Y. N. SOILT HAN 14 1/4 SECTION LINES: Tord Total True Vertical Depth BHL from nearest Lease, Unit, Or Property Line: Difform Hole Location For Horizontal Hole: (LATERALS)  ALL FIX. SEC 28 TWP 18N RGE 5W COUNTY Sollow Hole Location Reading of Turn Vertical Depth British Reduced from SOUTH LINE from WEST LINE 14 SECTION LINES: 330' Total Length 588' 900' North FEET FROM QUARTER from SOUTH LINE from WEST LINE 15688' 900' North FEET FROM QUARTER from SOUTH LINE from WEST LINE 15688' 900' North FEET FROM QUARTER from SOUTH LINE from WEST LINE 15688' 900' North FEET FROM QUARTER from SOUTH LINE from WEST LINE 15688' 900' North FEET FROM QUARTER from SOUTH LINE from WEST LINE 15688' 900' North FEET FROM QUARTER from SOUTH LINE from WEST LINE 15688' 900' North 5960' 900' North 5960' 900' 900' North 5960' 900' 900' 900' 900' 900' 900' 900'	A TYPE OF MUD SYSTEM: WATER BASED OIL BASED GAS BASED (AIR DRILL)  B EXPECTED MUD CHLORIDE CONTENT: maximum: ppm; average (If off-site, specify location: off-site olosed if off-site, specify location: D. IS DEPTH TO TOP OF GROUND WATER GREATER THAN 10 FT BELOW BASE OF PIT? Y N  E. WITHIN IMILE OF MUNICIPAL WATER WELL? Y N  E. WITHIN IMILE OF MUNICIPAL WATER WELL? Y N  B. PITLOCATION: Alluvial Plain Terrace Deposit Bedrock Aquifer Other H.S.A. Non-H.S.A.  B. PITLOCATION: Alluvial Plain Terrace Deposit Bedrock Aquifer Other H.S.A. Non-H.S.A.  C. Special area of field rule? D. DEEP SCA? Y N. E. CRL? Y N  Bottom Hole Location SEC TWP RGE COUNTY  OTO LOCATION: 1/4 1/4 1/4 1/4 1/4 1/4 SECTION LINES: BHL from nearest Lease, Unit, Or Property Line: Depth
directional wells.   TERAL #3:   SEC   TWP   RGE   COUNTY     OT LOCATION:   FEET FROM QUARTER   from SOUTH LINE   from WEST LINE     1/4   1/4   1/4   1/4   SECTION LINES:	#3: SEC TWP RGE COUNTY  CATION: FEET FROM QUARTER from SOUTH LINE from WEST LINE  1/4 1/4 1/4 1/4 SECTION LINES:	2 C. TYPE OF PIT SYSTEM: on-site off-site closed if off-site, specify location: D. IS DEPTH TO TOP OF GROUND WATER GREATER THAN 10 FT BELOW BASE OF PIT? Y. N. Off-Site Pit No.  E. WITHIN1 MILE OF MUNICIPAL WATER WELL? Y. N. N. Off-Site Pit No.  FWELLHEAD PROTECTION AREA?  B. PIT LOCATION: Alluvial Plain Terrace Deposit Bedrock Aquifer Other H.S.A. Non-H.S.A. S. Special area or field rule?  S. SDIL COMPACTED LINER REQUIRED? Y. N. G. 2 omil GEOMEMBRANE LINER REQUIR. 17 Y N. S. 2 omil GEOMEMBRANE LINER REQUIR. 17 Y N. S. 2 omil GEOMEMBRANE LINER REQUIR. 18 Y N. SECTION LINES.  STORY OF STATE O	A TYPE OF MUD SYSTEM: WATER BASED OIL BASED GAS BASED (AIR DRILL)  B. EXPECTED MUD CHLORIDE CONTENT: maximum: ppm, average: ppm.  D. IS DEPTH TO TOP OF GROUND WATER GREATER THAN 10 FT BELOW BASE OF PIT? Y N  E. WITHIN 1 MILE OF MUNICIPAL WATER WELL? Y N  F. WELLHEAD PROTECTION AREA? Y N  E. PITIN 1 MILE OF MUNICIPAL WATER WELL? Y N  Special area or field rule? D. D. EEP SCA? Y N. E. CRL? Y N  BOTO HONORACTED LINER REQUIRED? Y N E. CRL? Y N  GROUND GENERAL SEC. TWP RGE COUNTY  FOR DIrectional Hole: Coation SEC. TWP RGE COUNTY  TOT LOCATION: J. It Wertical Depth Depth Depth Depth Depth Depth Depth Depth Depth OIL COATION: J. It Wertical Depth Sec. TWP SGE SW COUNTY Kingfisher  OT LOCATION: SEC. TWP RGE COUNTY Kingfisher  OT LOCATION: SEC. TWP RGE COUNTY Kingfisher  OT LOCATION: Sec. TWP RGE COUNTY Kingfisher  OT LOCATION: J. If SECTION LINES: 330' Sold Bed Sec. Total Sec. Two proposed, attach separate shader of tall 12,548' True Vertical Depth Depth Depth Sec. Two property line: Depth Sec. Two property line: J. Sec. Two proposed, attach separate shader of tall 12,548' True Vertical Depth Depth Depth Sec. Two property line: J. If more than two drainholes are proposed, attach separate shader of tall 14/4 1/4 1/4 1/4 1/4 SECTION LINES: J. J. If more than two drainholes are proposed, attach separate shader of tall 14/4 1/4 1/4 1/4 SECTION LINES: J. J. If more than two drainholes are proposed, attach separate shader in diction to the decessary information.  FEET FROM QUARTER from SOUTH LINE from WEST LINE 1/4 1/4 1/4 1/4 1/4 1/4 SECTION LINES: J. J. If more than two drainholes are proposed, attach separate shader in diction to the decessary information.  FEET FROM QUARTER from SOUTH LINE from WEST LINE 1/4 If more than two drainholes are proposed, attach separate shade in degrees azimuth.
peth Depth or property line:  Unit. Directional surveys are required for all drainholes and directional wells.  TERAL #3: SEC TWP RGE COUNTY  POT LOCATION: FEET FROM QUARTER from SOUTH LINE from WEST LINE  1/4 1/4 1/4 1/4 SECTION LINES:	Depth or property line:  unit. Directional surveys are required for all drainholes and directional wells.  #3: SEC TWP RGE COUNTY  DOI:  1/4 1/4 1/4 1/4 1/4 SECTION LINES:  Unit. Directional surveys are required for all drainholes and directional wells.	2 C. TYPE OF PIT SYSTEM: on-site off-site closed if off-site, specify location: D. IS DEPTH TO TOP OF GROUND WATER GREATER THAN 10 FT BELOW BASE OF PIT? Y N  E. WITHIN 1 MILE OF MUNICIPAL WATER WELL? Y N  F. WELLHEAD PROTECTION AREA?  Off-Site Pit No.  F. WELLHEAD PROTECTION AREA?  Off-Site Pit No.  F. WELLHEAD PROTECTION AREA?  Off-Site Pit No.  Off-S	## A TYPE OF MUD CYLORIDE CONTENT:   WATER BASED
besured Total appth	total True Vertical End Point location from nearest lease, unit or property line:    SEC TWP RGE COUNTY	C. TYPE OF PIT SYSTEM: on-site off-site closed if off-site, specify location: D. IS DEPTH TO TOP OF GROUND WATER GREATER THAN 10 FT BELOW BASE OF PIT? YN  F. WELLHEAD PROTECTION AREA? YN  OCCUSE ONLY A CATEGORY 1A 1B 2 3 4 C FM; S. PIT LOCATION: Alluvial Plain Terrace Deposit Bedrock Aquifer Other H.S.A. Non-H.S.A. C. Special area or field rule? D. DEEP SCA? YN E. CBL? YN  S. SOIL COMPACTED LINER REQUIRED? YN  OF Directional Hole:  LOCATION: In It is seen to seen the seen to see the seen to see the seen to see the see the see to see the see to see the see the see the see to see the see the see the see the see that see the	A TYPE OF MUD SYSTEM: WATER BASED OIL BASED GAS BASED (AIR DRILL)  B. EXPECTED MUD CHLORIDE CONTENT: maximum: ppm, average.  T#2 C. TYPE OF PIT SYSTEM: on-site off-site dosed if off-site, specify location:  D. IS DEPTH TO TOP OF GROUND WATER GREATER THAN 10 FT BELOW BASE OF PIT?  F. WILLHEAD PROTECTION AREA?  Y N  SOCIET OF WATER WELL?  F. WILLHEAD PROTECTION AREA?  Y N  SOCIET OTHER OF PIT SYSTEM: On-site off-site dosed if off-site, specify location:  Y N  Off-Site Pit No.  Off-Site Pit No.  OFF-Site Pit No.  SOCIET OF PIT SYSTEM: On-site off-site dosed if off-site, specify location:  P. WELLHEAD PROTECTION AREA?  Y N  OFF-SOIL CONTON: A CATEGORY 14 18 2 3 4 C FM:  B. PIT LOCATION: A CATEGORY 15 18 2 3 4 C FM:  B. PIT LOCATION: A CATEGORY 15 18 2 3 4 C FM:  B. PIT LOCATION: A CATEGORY 16 2 3 4 C FM:  B. PIT LOCATION: A CATEGORY 17 N E. CBL?  F. SOIL COMPACTED LINER REQUIRED?  FOR COUNTY  FEET FROM QUARTER from SOUTH LINE from WEST LINE 1990  Depth  Depth  FEET FROM QUARTER from SOUTH LINE from WEST LINE 1990  Salvered Total 12, 548: True Vertical Depth  Depth  FEET FROM QUARTER from SOUTH LINE from WEST LINE 1990  Salvered Total 12, 548: True Vertical Depth  Depth  FEET FROM QUARTER from SOUTH LINE from wester Lease, unit or property line:  Salvered Total 12, 548: True Vertical Depth  FEET FROM QUARTER from SOUTH LINE from WEST LINE 1990  B. B
3. Please note the horizontal drainhole and its end point must be located within the legal boundaries of the lease or spacing unit. Directional surveys are required for all drainholes and directional wells.  INTERAL #3: SEC TWP RGE COUNTY  POT LOCATION:  1/4 1/4 1/4 1/4 1/4 SECTION LINES:  3. Please note the horizontal drainhole and its end point must be located within the legal boundaries of the lease or spacing unit. Directional surveys are required for all drainholes and directional wells.	3. Please note the horizontal drainhole and its end point must be located within the legal boundaries of the lease or spacing unit. Directional surveys are required for all drainholes and directional wells.  SEC TWP RGE COUNTY  PEET FROM QUARTER from SOUTH LINE from WEST LINE  1/4 1/4 1/4 1/4 SECTION LINES:	C. TYPE OF PIT SYSTEM:	A. TYPE OF MUD SYSTEM: WATER BASED OIL BASED GAS BASED (AIR DRILL)  B. EXPECTED MUD CHLORIDE CONTENT: maximum: ppm; average; ppm.  T#2 C. TYPE OF PIT SYSTEM: on-site off-site closed if off-site, specify location:  D. IS DEPTH TO TOP OF GROUND WATER GREATER THAN 10 FT BELOW BASE OF PIT?  E. WITHIN 1 MILE OF MUNICIPAL WATER WELL? Y N  F. WILLHEAD PROTECTION AREA? Y N  12 OCC USE ONLY A CATEGORY 1A 18 2 3 4 C Fm:  B. PIT LOCATION: Allviral Plain Terrace Deposit Bedrock Aquifer Other H.S.A. Non-H.S.A.  C. Special area or field rule? D. D. DEEP SCA? Y N. E. C.BL? Y N  F. SOIL COMPACTED LINER REQUIRED? Y N. G. 20 mil GEOMEMBRANE LINER REQUIRITY N  To From the Location SEC TWP RGE COUNTY  To Tierctional Hole:  10 Depth Depth Depth  D. Bottom Hole Location for Horizontal Hole: (LATERALS)  11 SEC 28 TWP 18N RGE 5W COUNTY Kingfisher  12 TIRLA 14: SEC 28 TWP 18N RGE 5W COUNTY Kingfisher  15 SOIL OF TIRLA 14 SECTION LINES: 330' North Sec 330' North
perth of Deviation Radius of Turn Direction Total Length 2. Direction must be stated in degrees azimuth. 3. Please note the horizontal drainhole and its end point must be located within the legal boundaries of the lease or spacing unit. Directional surveys are required for all drainholes and directional wells.  TERAL #3: SEC TWP RGE COUNTY  POT LOCATION:  1/4 1/4 1/4 1/4 SECTION LINES:  TERAL #3: SEC TWP RGE COUNTY  FEET FROM QUARTER from SOUTH LINE from WEST LINE SECTION LINES:	Deviation   Radius of Turn   Direction   Total Length   2. Direction must be stated in degrees azimuth.   3. Please note the horizontal drainhole and its end point must be located within the legal boundaries of the lease or spacing unit. Directional surveys are required for all drainholes and directional wells.   FEET FROM QUARTER from SOUTH LINE   From WEST LINE   SECTION LINES:   SECTION LI	C. TYPE OF PIT SYSTEM:	A. TYPE OF MUD SYSTEM: WATER BASED OIL BASED GAS BASED (AIR DRILL)  B. EXPECTED MUD CHLORIDE CONTENT: maximum: ppm; average: closed of fisite closed of fisite closed of fisite poles of fisit
1/4 1/4 1/4 1/4 SECTION LINES:  apth of Deviation Radius of Turn  Property Inc.  Total Length  Total Length  Total Length  Total Length  Direction Total Length  Total Length  Direction Total Length  True Vertical Depth  End Point location from nearest lease, unit or property line:  End Point location from nearest lease, unit or property line:  Section Lines  Sheet indicating the necessary information.  Please note the horizontal drainhole and its end point must be located within the legal boundaries of the lease or spacing unit. Directional surveys are required for all drainholes and directional wells.  Section Lines	1/4 1/4 1/4 1/4 1/4 SECTION LINES:    Direction   Radius of Turn	C. TYPE OF PIT SYSTEM:	A. TYPE OF MUD SYSTEM: WATER BASED OIL BASED GAS BASED (AIR DRILL)  B. EXPECTED MUD CHLORIDE CONTENT: maximum: ppm; average: closed if off-site, specify location:  D. IS DEPTH TO TOP OF GROUND WATER GREATER THAN 10 FT BELOW BASE OF PIT? Y N  E. WITHIN 1 MILE OF MUNICIPAL WATER WELL? Y N  S.2 QCC USE ONLY A. CATEGORY  B. PIT LOCATION: Alluvial Plain Terrace Deposit Bedrock Aquifer Other H.S.A. Non-H.S.A.  C. Special area or field rule?  D. DEEP SCA? Y N E. CBL? Y N  F. SOIL COMPACTED LINER REQUIRED? Y N G. 20 mil GEOMEMBRANE LINER REQUIRI Y N  F. SOIL COATION: SEC TWP RGE COUNTY  FOR Directional Hole:  1/4 1/4 1/4 1/4 SECTION LINES:  BHL from nearest Lease, Unit, Or Property Line: 9990  1883ured Total True Vertical Depth  Depth Depth SCA? SING I SECTION LINES: 330' Total Length 5688' 900' North 6681' Erroperty line: 330'  10 Interal #I SEC 1/4 SW 1/4 SECTION LINES: 330' Total Length 5688' 900' North 6681' Erroperty line: 330'  10 Interal #I True Vertical Depth Dept
POT LOCATION: 1/4 1/4 1/4 1/4 1/4 1/4 1/4 1/4 1/4 1/4	DOCATION: 1/4 1/4 1/4 1/4 1/4 1/4 1/4 1/4 1/4 1/4	C. TYPE OF PIT SYSTEM:	A. TYPE OF MUD SYSTEM: WATER BASED OIL BASED GAS BASED (AIR DRILL)  B. EXPECTED MUD CHLORIDE CONTENT: maximum: ppm; average: closed if off-site, closed if off-site, specify location:  D. IS DEPTH TO TOP OF GROUND WATER GREATER THAN 10 FT BELOW BASE OF PIT? Y N  E. WITHIN 1 MILE OF MUNICIPAL WATER WELL? Y N  E. WITHIN 1 MILE OF MUNICIPAL WATER WELL? Y N  SOCIOUSE ONLY A. CATEGORY 1A 1B 2 3 4 C Fm: Other H.S.A. Non-H.S.A. Non-H
SEC TWP RGE COUNTY   FEET FROM QUARTER from SOUTH LINE   Section Lines   Sec	SEC TWP RGE COUNTY   FEET FROM QUARTER from SOUTH LINE   From WEST LINE   Section Lines:	C. TYPE OF PIT SYSTEM:	A. TYPE OF MUD SYSTEM: WATER BASED OIL BASED GAS BASED (AIR DRILL)  B. EXPECTED MUD CHLORIDE CONTENT: maximum: ppm; average: ppm.  If #2 C. TYPE OF PIT SYSTEM: on-site off-site closed if off-site, specify location:  D. IS DEPTH TO TOP OF GROUND WATER GREATER THAN 10 FT BELOW BASE OF PIT? Y N  E. WITHIN I MILE OF MUNICIPAL WATER WELL? Y N  S.2 OCC USE ONLY A. CATEGORY 1A 1B 2 3 4 C Bedrock Aquifer Other H.S.A. Non-H.S.A.  B. PIT LOCATION: Alluvial Plain Terrace Deposit Bedrock Aquifer Other H.S.A. Non-H.S.A.  C. Special area of field rule? D. DEEP SCA? Y N E. CBL? Y N  D. BOOTOM COMPACTED LINER REQUIRED? Y N G. 20 mil GEOMEMBRANE LINER REQUIRI Y N  D. BOOTOM COMPACTED LINER REQUIRED? Y N G. 20 mil GEOMEMBRANE LINER REQUIRI Y N  DESTINATION: 1/4 1/4 1/4 1/4 1/4 1/4 1/4 SECTION LINES:  BASILITED LINER REQUIRED BHL from nearest Lease, Unit, Or Property Line: Depth Dep
Depth   Depth   Or property line: 330	SEC TWP RGE COUNTY   FEET FROM QUARTER from SOUTH LINE   From WEST LINE   Section Lines:	C. TYPE OF PIT SYSTEM:	A. TYPE OF MUD SYSTEM: WATER BASED OIL BASED GAS BASED (AIR DRILL)  B. EXPECTED MUD CHLORIDE CONTENT: maximum: ppm; average: ppm.  IT #2 C. TYPE OF PIT SYSTEM: on-site off-site closed if off-site, specify location:  D. IS DEPTH TO TOP OF GROUND WATER GREATER THAN 10 FT BELOW BASE OF PIT? Y N  E. WITHIN 1 MILE OF MUNICIPAL WATER WELL? Y N N  F. WELLHEAD PROTECTION AREA? Y N  B. PIT LOCATION: Alluvial Plain Terrace Deposit Bedrock Aquifer Other H.S.A. Non-H.S.A.  C. Special area or field rule? D. DEEP SCA? Y N E. CBL? Y N  B. BOTTO COMPACTED LINER REQUIRED? Y N G. 20 mil GEOMEMBRANE LINER REQUIRI Y N  B. BOTTO COMPACTED LINER REQUIRED?  TO DEEP SCA? Y N E. CBL? Y N  B. BOTTO MAXIMAL PLAIN SECTION LINES: BHL from nearest Lease, Unit, Or Property Line: Depth Dep
Depth   Dept	Depth 6261 or properly line: 3300    12,548   Depth   6261   or properly line: 3300	C. TYPE OF PIT SYSTEM:	A. TYPE OF MUD SYSTEM: WATER BASED OIL BASED GAS BASED (AIR DRILL)  B. EXPECTED MUD CHLORIDE CONTENT: maximum: ppm; average: ppm.  If #2 C. TYPE OF PIT SYSTEM: on-site off-site closed if off-site, specify location:  D. IS DEPTH TO TOP OF GROUND WATER GREATER THAN 10 FT BELOW BASE OF PIT? Y N  E. WITHIN 1 MILE OF MUNICIPAL WATER WELL? Y N  F. WELLHEAD PROTECTION AREA? Y N  B. PIT LOCATION: Alluvial Plain Terrace Deposit Bedrock Aquifer Other H.S.A. Non-H.S.A.  C. Special area or field rule? D. DEEP SCA? Y N E. CBL? Y N  P. SOIL COMPACTED LINER REQUIRED? Y N G. 20 mil GEOMEMBRANE LINER REQUIRI Y N  D. Bottom Hole Location SEC TWP RGE COUNTY  for Directional Hole:  20T LOCATION: True Vertical Depth Depth  Depth Depth Depth  Desthor Hole Location for Honzontal Hole: (LATERALS)  N  N  FEET FROM QUARTER from SOUTH LINE from WEST LINE 1990  BOTT LOCATION: SEC 28 TWP 18N RGE 5W COUNTY Kingfisher  POT LOCATION: FEET FROM QUARTER from SOUTH LINE from WEST LINE 1990  S2 1/4 S2 1/4 S2 1/4 SW 1/4 SECTION LINES: 330' Locate Bottom Hole 1990  D. Brottom Hole Location for Honzontal Hole: (LATERALS)  TERRAL \$\forall \text{ SeC 28 TWP 18N RGE 5W COUNTY Kingfisher}  POT LOCATION: FEET FROM QUARTER from SOUTH LINE from WEST LINE 1990  S2 1/4 S2 1/4 SW 1/4 SECTION LINES: 330' Locate Bottom Hole 1990  D. Brottom Hole Location for Honzontal Hole: (LATERALS)  TERRAL \$\forall \text{ SeC 28 TWP 18N RGE 5W COUNTY Kingfisher}  POT LOCATION: FEET FROM QUARTER from SOUTH LINE from WEST LINE 1990  S2 1/4 S2 1/4 SW 1/4 SECTION LINES: 330' Locate Bottom Hole 1990  D. Brottom Hole Location for Honzontal Hole: (LATERALS)  1650
Seasured Total   12,548'   True Vertical Depth   6261'   End Point location from nearest lease, unit or property line: 330'   330	Sec   TWP   RGE   COUNTY   C	C. TYPE OF PIT SYSTEM: on-site off-site closed If off-site, specify location:  D. IS DEPTH TO TOP OF GROUND WATER GREATER THAN 10 FT BELOW BASE OF PIT?  E. WITHIN 1 MILE OF MUNICIPAL WATER WELL?  Y. N. Off-Site Pit No.  F. WELLHEAD PROTECTION AREA?  Y. N. Off-Site Pit No.  OCC USE ONLY A. CATEGORY 1A 1B 2 3 4 C Fm:  B. PIT LOCATION: Alluvial Plain Terrace Deposit Bedrock Aquifer Other H.S.A. Non-H.S.A.  C. Special area or field rule?  D. DEEP SCA? Y. N. E. CBL? Y. N. SOIL COMPACTED LINER REQUIRED?  Y. N. GOIL COMPACTED LINER REQUIRED?  OF Directional Hole: COCATION:  1/4 1/4 1/4 1/4 1/4 SECTION LINES:  1/5 IT USE Vertical Depth  OCTION: BHL from nearest Lease, Unit, Or Property Line: Depth  OCTION: COMPACTED LINER REQUIRED?  AL \$1: SEC 28 TWP 18N RGE 5W COUNTY Kingfisher  LOCATION: FEET FROM QUARTER from SOUTH LINE from WEST LINE 1650    Compact of the compact of	A. TYPE OF MUD SYSTEM: WATER BASED OIL BASED GAS BASED (AIR DRILL)  B. EXPECTED MUD CHLORIDE CONTENT: maximum: ppm; average: ppm.  T#2 C. TYPE OF PIT SYSTEM: on-site off-site closed if off-site, specify location:  D. IS DEPTH TO TOP OF GROUND WATER GREATER THAN 10 FT BELOW BASE OF PIT? Y N  E. WITHIN 1 MILE OF MUNICIPAL WATER WELL? Y N  E. WELLHEAD PROTECTION AREA? Y N  S.2 OCC USE ONLY A. CATEGORY 1A 1B 2 3 4 C Fm:  B. PIT LOCATION: Alluvial Plain Terrace Deposit Bedrock Aquifer Other H.S.A. Non-H.S.A.  C. Special area or field rule? D. D. DEEP SCA? Y N E. CBL? Y N  F. SOIL COMPACTED LINER REQUIRED? Y N G. 20 mil GEOMEMBRANE LINER REQUIRI Y N  PROSIDE COUNTY  FOT LOCATION: FEET FROM QUARTER from SOUTH LINE from WEST LINE  1/4 1/4 1/4 1/4 1/4 SECTION LINES:  Basured Total True Vertical Depth SecTION COUNTY Kingfisher  FEET FROM QUARTER from SOUTH LINE from WEST LINE from WEST LINE from WEST LINE from SOUTH LINE from WEST LINE from WEST LINE from SOUTH LINE from SOUTH LINE from SOUT
Part of Deviation 5688' 900'	Power   Powe	C. TYPE OF PIT SYSTEM: on-site off-site closed off-site, specify location: D. IS DEPTH TO TOP OF GROUND WATER GREATER THAN 10 FT BELOW BASE OF PIT? E. WITHIN 1 MILE OF MUNICIPAL WATER WELL? Y N  E. WITHIN 1 MILE OF MUNICIPAL WATER WELL? Y N  F. WELLHEAD PROTECTION AREA? Y N  COCCUSE ONLY A. CATEGORY 1A 1B 2 3 4 C Fm: COCCUSE ONLY A. CATEGORY 1A 1B 2 3 4 C Fm: COCCUSE ONLY A. CATEGORY 1A 1B 2 3 4 C Fm: COCCUSE ONLY A. CATEGORY 1A 1B 2 3 4 C Fm: COCCUSE ONLY A. CATEGORY 1A 1B 2 3 4 C Fm: COCCUSE ONLY A. CATEGORY 1A 1B 2 3 4 C Fm: COCCUSE ONLY A. CATEGORY 1A 1B 2 3 4 C Fm: COCCUSE ONLY A. CATEGORY 1A 1B 2 3 4 C Fm: COCCUSE ONLY A. CATEGORY A. CATEGO	A. TYPE OF MUD SYSTEM: WATER BASED OIL BASED GAS BASED (AIR DRILL)  B. EXPECTED MUD CHLORIDE CONTENT: maximum: ppm; average: ppm; average: ppm.  T #2 C. TYPE OF PIT SYSTEM: on-site off-site closed If off-site, specify location:  D. IS DEPTH TO TOP OF GROUND WATER GREATER THAN 10 FT BELOW BASE OF PIT? Y N  E. WITHIN 1 MILE OF MUNICIPAL WATER WELL? Y N  F. WELLHEAD PROTECTION AREA? Y N  12 OCC USE ONLY A. CATEGORY 1A 1B 2 3 4 C Fm: Bedrock Aquifer Other H.S.A. Non-H.S.A.  C. Special area or field rule? Deposit Bedrock Aquifer Other H.S.A. Non-H.S.A.  C. Special area or field rule? D. D. DEEP SCA? Y N E. CBL? Y N  F. SOIL COMPACTED LINER REQUIRED? Y N G. 20 mil GEOMEMBRANE LINER REQUIRI Y N  Bottom Hole Location SEC TWP RGE COUNTY  for Directional Hole:  10 LOCATION: SEC TWP RGE COUNTY  for Directional Hole:  11 1/4 1/4 1/4 1/4 1/4 SECTION LINES:  BHL from nearest Lease, Unit, Or Property Line: ppth Depth Soltom Hole: (LATERALS)  13 30 1 1 1
POT LOCATION: S2 1/4 S2 1/4 SW 1/4 SECTION LINES: 330' 1320'  Part of Deviation Seasured Total Papth of Deviation Spith of Point Spith of Spith	FEET FROM QUARTER from SOUTH LINE   Section	C. TYPE OF PIT SYSTEM: on-site off-site closed off-site, specify location: D. IS DEPTH TO TOP OF GROUND WATER GREATER THAN 10 FT BELOW BASE OF PIT? Y N  E. WITHIN 1 MILE OF MUNICIPAL WATER WELL? Y N  OFF-SITE PIT NO.  P. WELLHEAD PROTECTION AREA? Y N  OCC USE ONLY A. CATEGORY 1A 1B 2 3 4 C Fm: Other H.S.A. Non-H.S.A.  Sepecial area or field rule? D. DEEP SCA? Y N E. CBL? Y N  SOIL COMPACTED LINER REQUIRED? Y N G. 20 mil GEOMEMBRANE LINER REQUIR Y N  SOIL COMPACTED LINER REQUIRED? RGE  COUNTY  Or Directional Hole:  LOCATION: FEET FROM QUARTER from SOUTH LINE from WEST LINE 1/4 1/4 1/4 1/4 SECTION LINES:  IT US VERTICAL BELOW BASE OF PIT? Y N  SOIL COMPACTED LINER REQUIRED? FEET FROM QUARTER from SOUTH LINE from WEST LINE 1/4 1/4 1/4 1/4 SECTION LINES:  SOIT TIME Vertical Depth  Depth  Off-Site Pit No.  28. Locate Bottom Hole  23. Locate Bottom Hole  1650  2310  1650  330  17	A. TYPE OF MUD SYSTEM: WATER BASED OIL BASED GAS BASED (AIR DRILL)  B. EXPECTED MUD CHLORIDE CONTENT: maximum: ppm; average: ppm
TERAL #1: SEC 28 TWP 18N RGE 5W COUNTY Kingfisher  OT LOCATION: S2 1/4 S2 1/4 SV 1/4 SECTION LINES: 330' 1320' spith of Deviation Fadius of Tum S0T LOCATION: Depth Direction North S980' SEC TWP RGE COUNTY  OT LOCATION: 1/4 1/4 1/4 1/4 1/4 1/4 SECTION LINES: Depth Direction North S980' SEC TWP RGE COUNTY  OT LOCATION: 1/4 1/4 1/4 1/4 1/4 1/4 SECTION LINES: Direction North S980' SEC TWP RGE COUNTY  Total Length SecTION LINES:  Direction North S980' S30'  1320' 330  1450 330'  1650 330' 330  1650 330  1650 330  170 330  1850 330' 330  1850 330' 330  1850 330' 330  1850 330' 330  330  330  330  330  330  33	SEC 28 TWP 18N RGE 5W COUNTY Kingfisher  COATION:  1/4 S2 1/4 S2 1/4 SW 1/4 SECTION LINES: 330' 1320'  Radius of Turn  900' North  5688' Page COUNTY  FEET FROM QUARTER from SOUTH LINE  1/4 1/4 1/4 1/4 1/4 1/4 1/4 1/4 SECTION LINES:  1/4 1/4 1/4 1/4 1/4 1/4 1/4 1/4 1/4 1/4	C. TYPE OF PIT SYSTEM: on-site off-site closed If off-site, specify location:  D. IS DEPTH TO TOP OF GROUND WATER GREATER THAN 10 FT BELOW BASE OF PIT? Y N  E. WITHIN 1 MILE OF MUNICIPAL WATER WELL? Y N  OFF-SITE OF	A. TYPE OF MUD SYSTEM: WATER BASED OIL BASED GAS BASED (AIR DRILL)  B. EXPECTED MUD CHLORIDE CONTENT: maximum: ppm; average: ppm, average: ppm
TERAL #1: SEC 28 TWP 18N RGE 5W COUNTY Kingfisher  POT LOCATION:  \$\frac{1}{2}\$ 1/4	SEC 28 TWP 18N RGE 5W COUNTY Kingfisher	C. TYPE OF PIT SYSTEM: on-site off-site closed If off-site, specify location:  D. IS DEPTH TO TOP OF GROUND WATER GREATER THAN 10 FT BELOW BASE OF PIT?  E. WITHIN 1 MILE OF MUNICIPAL WATER WELL?  Y. N. Off-Site Pit No.  F. WELLHEAD PROTECTION AREA?  Y. N. Off-Site Pit No.  C. SPECIAL OF A CATEGORY  A Iduvial Plain  Terrace Deposit  Bedrock Aquifer  Other H.S.A. Non-H.S.A.  C. Special area or field rule?  D. DEEP SCA? Y. N. E. CBL? Y. N.  SOIL COMPACTED LINER REQUIRED?  Y. N. G. 20 mil GEOMEMBRANE LINER REQUIRI Y. N.  Softom Hole Location  SEC TWP  RGE  COUNTY  TO Directional Hole:  COCATION:  1/4 1/4 1/4 1/4 SECTION LINES:  FEET FROM QUARTER from SOUTH LINE  FOR WEST LINE  990	A. TYPE OF MUD SYSTEM: WATER BASED OIL BASED GAS BASED (AIR DRILL)  B. EXPECTED MUD CHLORIDE CONTENT: maximum: ppm; average: ppm;  T#2 C. TYPE OF PIT SYSTEM: on-site off-site closed if off-site, specify location:  D. IS DEPTH TO TOP OF GROUND WATER GREATER THAN 10 FT BELOW BASE OF PIT? Y N  E. WITHIN 1 MILE OF MUNICIPAL WATER WELL? Y N  F. WELLHEAD PROTECTION AREA? Y N  S2 OCC USE ONLY A. CATEGORY 1A 1B 2 3 4 C Fm: Other H.S.A. Non-H.S.A.  C. Special area or field rule? D. D. DEEP SCA? Y N E. CBL? Y N  F. SOIL COMPACTED LINER REQUIRED? Y N G. 20 mil GEOMEMBRANE LINER REQUIR! Y N  B. BOSTON HOLE Location SEC TWP RGE COUNTY  for Directional Hole:  POT LOCATION: FEET FROM QUARTER from SOUTH LINE from WEST LINE  1/4 1/4 1/4 1/4 SECTION LINES:
TERAL #1: SEC 28 TWP 18N RGE 5W COUNTY KINGfisher  POT LOCATION: S2 1/4 S2 1/4 SW 1/4 SECTION LINES: 330' Total Length  peth of Deviation peth of Deviation 12,548' True Vertical peth of Deviation 1/4 1/4 1/4 1/4 1/4 1/4 1/4 1/4 1/4 1/4	mental Location for Horizontal Hole: (LATERALS)  #1: SEC 28 TWP 18N RGE 5W COUNTY Kingfisher  Discrition: 1/4 S2 1/4 SW 1/4 SECTION LINES: 330' 1320'  Total Length 5688' 900' North 5960'  #2: SEC TWP RGE COUNTY  PEET FROM QUARTER from SOUTH LINE from WEST LINE 330'  #2: SEC TWP RGE COUNTY  PEET FROM QUARTER from SOUTH LINE from WEST LINE 330'  #3: SEC TWP RGE COUNTY  Total Length 5960'  #4: SECTION LINES: 330'  #5: SEC TWP RGE COUNTY  FEET FROM QUARTER from SOUTH LINE from WEST LINE 340'  #5: SEC TWP RGE COUNTY  FROM QUARTER from SOUTH LINE from WEST LINE 340'  #6: SEC TWP RGE COUNTY  FEET FROM QUARTER from SOUTH LINE from WEST LINE 340'  #6: SEC TWP RGE COUNTY  FROM POINT INTERVALL SECTION LINES: 330'  #6: SEC TWP RGE COUNTY  FEET FROM QUARTER from SOUTH LINE from WEST LINE 340'  #6: SEC TWP RGE COUNTY  FEET FROM QUARTER from SOUTH LINE from WEST LINE 340'  #6: SEC TWP RGE COUNTY  FEET FROM QUARTER from SOUTH LINE from WEST LINE 340'  #6: SEC TWP RGE COUNTY  FEET FROM QUARTER from SOUTH LINE from WEST LINE 340'  #6: SEC TWP RGE COUNTY  FEET FROM QUARTER from SOUTH LINE from WEST LINE 340'  #6: SEC TWP RGE COUNTY  FEET FROM QUARTER from SOUTH LINE from WEST LINE 340'  #6: SEC TWP RGE COUNTY  FEET FROM QUARTER from SOUTH LINE from WEST LINE 340'  #6: SEC TWP RGE COUNTY  FEET FROM QUARTER from SOUTH LINE from WEST LINE 340'  #6: SEC TWP RGE COUNTY  FEET FROM QUARTER from SOUTH LINE from WEST LINE 340'  #6: SEC TWP RGE COUNTY  #6: SEC TWP RGE COUNTY  FEET FROM QUARTER from SOUTH LINE from WEST LINE 340'  #6: SEC TWP RGE COUNTY  #6: SEC TWP RGE SEC TWP RGE COUNTY  #6: SEC TWP RGE SEC TWP RGE	C. TYPE OF PIT SYSTEM: on-site off-site closed If off-site, specify location:  D. IS DEPTH TO TOP OF GROUND WATER GREATER THAN 10 FT BELOW BASE OF PIT?  E. WITHIN 1 MILE OF MUNICIPAL WATER WELL?  Y N  Off-Site Pit No.  F. WELLHEAD PROTECTION AREA?  Y N  OCC USE ONLY  A. CATEGORY  1A 1B 2 3 4 C  Fm:  Bedrock Aquifer  Other H.S.A. Non-H.S.A.  C. Special area or field rule?  D. DEEP SCA?  Y N E. CBL?  Y N  SOIL COMPACTED LINER REQUIRED?  Y N G. 20 mil GEOMEMBRANE LINER REQUIRI  OTHER HEAD  OTHER	A. TYPE OF MUD SYSTEM: WATER BASED OIL BASED GAS BASED (AIR DRILL)  B. EXPECTED MUD CHLORIDE CONTENT: maximum: ppm; average: ppm;  T#2 C. TYPE OF PIT SYSTEM: on-site off-site closed If off-site, specify location:  D. IS DEPTH TO TOP OF GROUND WATER GREATER THAN 10 FT BELOW BASE OF PIT? Y N  E. WITHIN 1 MILE OF MUNICIPAL WATER WELL? Y N  F. WELLHEAD PROTECTION AREA? Y N  S2 OCC USE ONLY A. CATEGORY 1A 1B 2 3 4 C Fm: Other H.S.A. Non-H.S.A.  C. Special area or field rule? D. DEEP SCA? Y N E. CBL? Y N  F. SOIL COMPACTED LINER REQUIRED? Y N G. 20 mil GEOMEMBRANE LINER REQUIR Y N  Bottom Hole Location SEC TWP RGE COUNTY  FOF Directional Hole:  POT LOCATION: FEET FROM QUARTER from SOUTH LINE from WEST LINE  GAS BASED (AIR DRILL)  ppm; average: ppm, avera
BHL from nearest Lease, Unit, Or Property Line pth Depth Depth Softom Hole Location for Horizontal Hole: (LATERALS)  True Vertical Depth Softom Hole Location for Horizontal Hole: (LATERALS)  TERAL #1: SEC 28 TWP 18N RGE 5W COUNTY Kingfisher OT LOCATION: S2 1/4 S2 1/4 SW 1/4 SECTION LINES: 330' 1320' pth of Deviation Radius of Turn Pertical Depth Softom Horizontal Hole: (LATERALS)  True Vertical Depth Softom North Softom North Softom North Softom WEST LINE 1/4 1/4 1/4 1/4 1/4 SECTION LINES: 330'  TERAL #2: SEC TWP RGE COUNTY OT LOCATION: 1/4 1/4 1/4 1/4 1/4 SECTION LINES: 10 Intention Total Length Softom North	True Vertical Depth  True Vertical Section Russes are required for all drainholes and directional surveys are required for all drainholes and directional wells.	C. TYPE OF PIT SYSTEM:	A. TYPE OF MUD SYSTEM: WATER BASED OIL BASED GAS BASED (AIR DRILL)  B. EXPECTED MUD CHLORIDE CONTENT: maximum: ppm; average: ppm,  If #2 C. TYPE OF PIT SYSTEM: on-site off-site closed If off-site, specify location:  D. IS DEPTH TO TOP OF GROUND WATER GREATER THAN 10 FT BELOW BASE OF PIT? Y N  E. WITHIN 1 MILE OF MUNICIPAL WATER WELL? Y N  F. WELLHEAD PROTECTION AREA? Y N  2 QCC USE ONLY A. CATEGORY 1A 1B 2 3 4 C Fm: Other H.S.A. Non-H.S.A.  C. Special area or field rule? D. D. DEEP SCA? Y N E. CBL? Y N  F. SOIL COMPACTED LINER REQUIRED? Y N G. 20 mil GEOMEMBRANE LINER REQUIRI Y N  BOTTOM Hole Location SEC TWP RGE COUNTY  TIPICAL TO THE SAC. NON-H.S.A. 1650
1/4 1/4 1/4 1/4 1/4 1/4 1/4 1/4 1/4 1/4	1/4 1/4 1/4 1/4 1/4 1/4 1/4 1/4 1/4 1/4	C. TYPE OF PIT SYSTEM: on-site off-site closed If off-site, specify location:  D. IS DEPTH TO TOP OF GROUND WATER GREATER THAN 10 FT BELOW BASE OF PIT?  E. WITHIN 1 MILE OF MUNICIPAL WATER WELL?  Y N  Off-Site Pit No.  F. WELLHEAD PROTECTION AREA?  Y N  CCC USE ONLY  A. CATEGORY  1A 1B 2 3 4 C  Fm: 0ther H.S.A. Non-H.S.A.  C. Special area or field rule?  D. DEEP SCA?  V N E. CBL?  Y N 5280  SOIL COMPACTED LINER REQUIRED?  Y N G. 20 mil GEOMEMBRANE LINER REQUIR.  Y N 3210	A. TYPE OF MUD SYSTEM: WATER BASED OIL BASED GAS BASED (AIR DRILL)  B. EXPECTED MUD CHLORIDE CONTENT: maximum: ppm; average: ppm.  #2 C. TYPE OF PIT SYSTEM: on-site off-site closed If off-site, specify location:  D. IS DEPTH TO TOP OF GROUND WATER GREATER THAN 10 FT BELOW BASE OF PIT? Y N  E. WITHIN 1 MILE OF MUNICIPAL WATER WELL? Y N  F. WELLHEAD PROTECTION AREA? Y N  2 OCC USE ONLY A. CATEGORY 1A 1B 2 3 4 C Fm: 28. Locate Bottom Hole  B. PIT LOCATION: Alluvial Plain Terrace Deposit Bedrock Aquifer Other H.S.A. Non-H.S.A.  C. Special area or field rule? D. DEEP SCA? Y N E. CBL? Y N  F. SOIL COMPACTED LINER REQUIRED? Y N G. 20 mil GEOMEMBRANE LINER REQUIR! Y N  1 2310
DT LOCATION:  1/4  1/4  1/4  1/4  1/4  1/4  1/4  1/	Incompose   Inco	C. TYPE OF PIT SYSTEM:on-siteoff-siteclosed   If off-site, specify location:	A. TYPE OF MUD SYSTEM: WATER BASED OIL BASED GAS BASED (AIR DRILL)  B. EXPECTED MUD CHLORIDE CONTENT: maximum: ppm; average: ppm.  #2 C. TYPE OF PIT SYSTEM: on-site off-site closed If off-site, specify location:  D. IS DEPTH TO TOP OF GROUND WATER GREATER THAN 10 FT BELOW BASE OF PIT? Y N  E. WITHIN 1 MILE OF MUNICIPAL WATER WELL? Y N  F. WELLHEAD PROTECTION AREA? Y N  2 OCC USE ONLY A. CATEGORY 1A 1B 2 3 4 C Fm: Other H.S.A. Non-H.S.A.  B. PIT LOCATION: Alluvial Plain Terrace Deposit Bedrock Aquifer Other H.S.A. Non-H.S.A.  C. Special area or field rule? D. DEEP SCA? Y N E. CBL? Y N 5280
Bottom Hole Location   SEC   TWP   RGE   COUNTY   FEET FROM QUARTER   from SOUTH LINE   From WEST LINE   Section Lines:   S	tion Hele Location SEC TWP RGE COUNTY Directional Hole:    14	C. TYPE OF PIT SYSTEM:on-siteoff-siteclosed	A. TYPE OF MUD SYSTEM: WATER BASED OIL BASED GAS BASED (AIR DRILL)  B. EXPECTED MUD CHLORIDE CONTENT: maximum: ppm; average: ppm,  1#2 C. TYPE OF PIT SYSTEM: on-site off-site closed If off-site, specify location:  D. IS DEPTH TO TOP OF GROUND WATER GREATER THAN 10 FT BELOW BASE OF PIT? Y N  E. WITHIN 1 MILE OF MUNICIPAL WATER WELL? Y N  F. WELLHEAD PROTECTION AREA? Y N  2 QCC USE ONLY A. CATEGORY 1A 1B 2 3 4 C Fm: Other H.S.A. Non-H.S.A.  B. PIT LOCATION: Alluvial Plain Terrace Deposit Bedrock Aquifer Other H.S.A. Non-H.S.A.
F. SOIL COMPACTED LINER REQUIRED?  Y N G. 20 mil GEOMEMBRANE UNER REQUIRI Y N Bottom Hole Location SEC TWP RGE COUNTY  for Directional Hole:  1/4 1/4 1/4 1/4 1/4 1/4 1/4 1/4 SECTION LINES:  asured Total Depth Depth Depth Depth Depth North Sec 1/320'  PBtom Hole Location for Horizontal Hole:  1/4 S2 1/4 S2 1/4 SW 1/4 SECTION LINES:  330 10tal Length Sec 28 TWP 18N RGE 5W COUNTY Kingfisher  OT LOCATION:  1/4 S2 1/4 SV 1/4 SECTION LINES:  330 10tal Length Sec 28 TWP RGE COUNTY  FEET FROM QUARTER from SOUTH LINE from WEST LINE 1/320'  PB of Deviation Radius of Tum Direction North Sec 1/4 SW 1/4 SECTION LINES:  1/4 1/4 1/4 1/4 1/4 1/4 1/4 SECTION LINES:  1/5 True Vertical Depth Direction Total Length Sec 1/4 SW 1/4 SECTION LINES:  1/6 True Vertical Depth Direction Total Length Sec 1/4 SW 1/4 SECTION LINES:  1/5 True Vertical Depth Direction Total Length Sec 1/4 SW 1/4 SECTION LINES:  1/6 True Vertical Depth Direction Total Length Sec 1/4 SW 1/4 SECTION LINES:  1/6 True Vertical Sec 1/4 SW 1/4 SECTION LINES:	SOIL COMPACTED LINER REQUIRED? Y N G. 20 mil GEOMEMBRANE LINER REQUIRI Y N I Itom Hole Location SEC TWP RGE COUNTY  Directional Hole:  Directional	C. TYPE OF PIT SYSTEM:on-siteoff-siteclosedlf off-site, specify location:  D. IS DEPTH TO TOP OF GROUND WATER GREATER THAN 10 FT BELOW BASE OF PIT?	A. TYPE OF MUD SYSTEM: WATER BASED OIL BASED GAS BASED (AIR DRILL)  B. EXPECTED MUD CHLORIDE CONTENT: maximum: ppm; average: ppm.  1 **2 C. TYPE OF PIT SYSTEM: on-site off-site closed if off-site, specify location:  D. IS DEPTH TO TOP OF GROUND WATER GREATER THAN 10 FT BELOW BASE OF PIT?  E. WITHIN 1 MILE OF MUNICIPAL WATER WELL? Y N  F. WELLHEAD PROTECTION AREA? Y N  2 **2 CCC USE ONLY A. CATEGORY 1A 1B 2 3 4 C Fm: 28. Locate Bottom Hole
C. Special area or field rule? F. SOIL COMPACTED LINER REQUIRED? Y N G. 20 mil GEOMEMBRANE LINER REQUIRI Y N B COUNTY F. SOIL COMPACTED LINER REQUIRED? F. SOIL COMPACTED LINER REQUIRED. F. SOIL COMPACTED LINER	Special area or field rule?  D DEEP SCA? Y N E CBL? Y N SOIL COMPACTED LINER REQUIRED?  Y N G 20 mil GEOMEMBRANE LINER REQUIRE Y N GEOMEMBRANE LINER REQUIRED.  Y N G 20 mil GEOMEMBRANE LINER REQUIRE	C. TYPE OF PIT SYSTEM:on-siteoff-siteclosed If off-site, specify location: N  E. WITHIN 1 MILE OF MUNICIPAL WATER WELL?YN Off-Site Pit No	A. TYPE OF MUD SYSTEM: WATER BASED OIL BASED GAS BASED (AIR DRILL)  B. EXPECTED MUD CHLORIDE CONTENT: maximum: ppm; average: ppm.  1#2 C. TYPE OF PIT SYSTEM: on-site off-site closed If off-site, specify location:  D. IS DEPTH TO TOP OF GROUND WATER GREATER THAN 10 FT BELOW BASE OF PIT? Y N  E. WITHIN 1 MILE OF MUNICIPAL WATER WELL? Y N Off-Site Pit No.
B. PIT LOCATION:	PIT LOCATION:Alluvial Plain	C. TYPE OF PIT SYSTEM:on-siteoff-siteclosed If off-site, specify location:  D. IS DEPTH TO TOP OF GROUND WATER GREATER THAN 10 FT BELOW BASE OF PIT?YN	A. TYPE OF MUD SYSTEM: WATER BASED OIL BASED GAS BASED (AIR DRILL)  B. EXPECTED MUD CHLORIDE CONTENT: maximum: ppm; average: ppm.  #2 C. TYPE OF PIT SYSTEM: on-site off-site closed If off-site, specify location:  D. IS DEPTH TO TOP OF GROUND WATER GREATER THAN 10 FT BELOW BASE OF PIT? Y N
C OCC USE ONLY A CATEGORY 1A 18 2 3 4 CATEGORY 1A 18 CATE	F. WELLHEAD PROTECTION AREA?   Y   N	C. TYPE OF PIT SYSTEM:on-siteoff-siteclosed If off-site, specify location:	A. TYPE OF MUD SYSTEM:WATER BASEDOIL BASEDGAS BASED (AIR DRILL)  B. EXPECTED MUD CHLORIDE CONTENT:maximum:ppm; average:ppm.  #2 C. TYPE OF PIT SYSTEM:on-siteoff-siteclosed
E. WITHIN I MILE OF MUNICIPAL WATER WELL?  F. WELLHEAD PROTECTION AREA?  F. WELLHEAD PROTECTION AREA?  N. No. HALL  B. PIT LOCATION.  Alluvial Plain  Terrace Deposit  D. DEEP SCA?  N. E. CBL?  N. No. HAS.  D. DEEP SCA?  N. E. CBL?  N. No. HAS.  D. DEEP SCA?  N. No. HAS.  D. DEEP SCA?  N. No. HAS.  COUNTY  F. SOIL COMPACTED LINER REQUIRED?  Y. N. G. 20 mil GEOMEMBRANE LINER REQUIRI.  Y. N. S. 20 mil GEOMEMBRANE LINE	E. WITHIN 1 MILE OF MUNICIPAL WATER WELL? F. WELLHEAD PROTECTION AREA? Y N  CUSE ONLY A CATEGORY 1A 1B 2 3 4 C FIT. OCATION: Alluvial Plain Terraco Deposit Bedrock Aquifer Other H.S.A. Non-H.S.A. Special area of ledf rule? D. DEEP SCA? Y N E. CBL? Y N SOIL COMPACTED LINER REGUIRED? Y N E. CBL?		A. TYPE OF MUD SYSTEM:WATER BASEDOIL BASEDGAS BASED (AIR DRILL)  B. EXPECTED MUD CHLORIDE CONTENT: maximum:ppm; average:ppm.
D. IS DEPTH TO TOP OF GROUND WATER GREATER THAN 10 FT BELOW BASE OF PIT?  E. WITHIN 1 MILE OF MUNICIPAL WATER WELL?  Y. N  F. WELLHEAD PROTECTION AREA?  Y. N  SOCUES ONLY A CATEGORY  1A 18 2 3 4 C Fm:  Terrace Deposit  Bedrock Aquifer Other H.S.A. Non-H.S.A.  S. PITLOCATION:  1A 1/4 1/4 1/4 SECTION LINES:  BRIAL \$E:  SEC. TWP  RGE  COUNTY  RGE  COUNTY  N  Off-Sile Pit No.  28. Locate Bottom Hole  29. Locate Bot	D. IS DEPTH TO TOP OF GROUND WATER GREATER THAN 10 FT BELOW BASE OF PIT? Y N  E. WITHIN 11 MILE OF MUNICIPAL WATER WELL? Y N  F. WELLHEAD PROTECTION AREA?  Y N  CUSE ONLY A CATEGORY 1A 18 2 3 4 C Bedrock Aquifer Other H.S.A. Non-H.S.A. Special area of feld rule? Terrace Deposit OF 20 mile GEOMEMBRANE LINER REQUIR: Y N  SOLIC COMPACTED LINER REGUIRED? Y N G. 20 mil GEOMEMBRANE LINER REQUIR: Y N  Total Special area of feld rule? ROUNTY  Directional Hole  True Vertical Depoth SECTION LINES: 330'  Individual of True Vertical Depoth Open Individual or property line:  14 14 14 14 14 14 14 14 14 14 14 14 14 1		
No.   Section   No.	C. TYPE OF PIT SYSTEM		