API NUMBER:	051 244 Oil &		A			OIL	- & GA		ERVA1 OX 520 TY, OK	101 000 73					roval Date: ration Date:		08/23/201 02/23/201	
					_													
nend reason: CORR	ECT SHL LO	CATION	, UPDATE	ORDER	5		<u>AM</u>	<u>IEND PEF</u>	<u>RMIT T</u>	<u>0</u>	DRILL							
WELL LOCATION:	Sec: 2	7 Twp	: 6N	Rge: 6W	,	Count	ty: GRA	ADY										
SPOT LOCATION:	NE	NE	NW	NE	FEET FROM	I QUARTER:	FROM	NORTH 222	FROM	EA 150								
Lease Name:	ADAMS 27-3	34				w	/ell No:	1XH				Well wi	lbe 22	22 fee	t from near	est u	nit or lea	se boundary.
Operator Name:	RED WO	LF OPE	RATING L	.LC				Telepho	one: 40	)5464	41920		Ю	rc/occ	Number:		24373	0
RED WO	LF OPER	ATING	LLC										FARM	IS INC				
801 West	Covell Ro	ł					ADAMS ALFALFA FA 1222 COUNTY ROA											
EDMONE	),		(	OK	73003-	2179				OK 73067								
	) (Permi Name WOODFORE 666457 669414		l for List	ed Forr		Only): Depth 14099 Location B	Exception	n Orders: 0	6 7 8 9 1 <sup>1</sup> 692650		Name		Increase	ed Densit	Deg y Orders:	70	02291	
	692649				_											70	)2292	
Pending CD Num	bers:												Special	Orders:				
Total Depth: 2	25000	Gr	ound Eleva	ation: 10	43	S	urface	Casing:	1500			C	epth to ba	ase of Tr	eatable Wat	er-Be	aring FM:	500
									Deep	p sı	Irface casin	g has b	een app	proved				
Under Federal	Jurisdiction:	No				Fr	esh Wate	er Supply We	II Drilled:	N	D			Su	rface Water	used	l to Drill:	No
PIT 1 INFORMA	TION								Ap	prov	ed Method for c	lisposal of	Drilling Fl	uids:				
Type of Pit Syste	m: CLOSE	D Close	ed System	Means S	teel Pits													
Type of Mud Sys	tem: WATE	ER BASE	Đ						D	. One	e time land app	lication (	REQUIRE	ES PERM	IIT)		PERMI	T NO: 18-351
Chlorides Max: 5	0								Н	. SEI	EMEMO							
Is depth to top of Within 1 mile of n	•	-		below ba	se of pit?	Y												
Wellhead Protect	tion Area?	Ν																
Pit <b>is</b> loca	ated in a Hydr	ologicall	y Sensitive	e Area.														
Category of Pit:	с																	
Liner not require	ed for Categ	ory: C																
Pit Location is	ALLUVIAL																	
Pit Location Form	nation: Al		N															

PIT 2 INFORMATION Type of Pit System: CLOSED Closed System Means Steel Pits Type of Mud System: OIL BASED Chlorides Max: 300000 Average: 200000 Is depth to top of ground water greater than 10ft below base of pit? Y Within 1 mile of municipal water well? N Wellhead Protection Area? N Pit is located in a Hydrologically Sensitive Area. Category of Pit: C Liner not required for Category: C

Pit Location is ALLUVIAL
Pit Location Formation: ALLUVIUM

## HORIZONTAL HOLE 1

Sec	34	Twp	6N	Rge	6W	С	ounty	GRADY
Spot I	Locatior	of En	d Point	t: S\	N	SE	SE	SE
Feet I	From:	SOL	JTH	1/4 Se	ction	Line:	15	0
Feet I	From:	EAS	БТ	1/4 Se	ction	Line:	65	0
Depth	of Dev	ation:	13821	l				
Radius of Turn: 573								
Direction: 175								
Total Length: 10278								
Measured Total Depth: 25000								
True Vertical Depth: 14870								
End Point Location from Lease,								
Unit, or Property Line: 150								

Notes:	
Category	Description
DEEP SURFACE CASING	8/20/2018 - G71 - APPROVED; NOTIFY OCC FIELD INSPECTOR IMMEDIATELY OF ANY LOSS OF CIRCULATION OR FAILURE TO CIRCULATE CEMENT TO SURFACE ON ANY CONDUCTOR OR SURFACE CASING
HYDRAULIC FRACTURING	8/20/2018 - G71 - OCC 165:10-3-10 REQUIRES:
	1) PRIOR TO COMMENCEMENT OF HYDRAULIC FRACTURING OPERATIONS FOR HORIZONTAL WELLS, NOTICE GIVEN FIVE BUSINESS DAYS IN ADVANCE TO OFFSET OPERATORS WITH WELLS COMPLETED IN THE SAME COMMON SOURCE OF SUPPLY WITHIN 1/2 MILE;
	2) WITH NOTICE ALSO GIVEN 48 HOURS IN ADVANCE OF HYDRAULIC FRACTURING ALL WELLS TO BOTH THE OCC CENTRAL OFFICE AND LOCAL DISTRICT OFFICES, USING THE "FRAC NOTICE FORM" FOUND AT THE FOLLOWING LINK: OCCEWEB.COM/OG/OGFORMS.HTML; AND,
	3) THE CHEMICAL DISCLOSURE OF HYDRAULIC FRACTURING INGREDIENTS FOR ALL WELLS TO BE REPORTED TO FRACFOCUS WITHIN 60 DAYS AFTER THE CONCLUSION THE HYDRAULIC FRACTURING OPERATIONS, USING THE FOLLOWING LINK: FRACFOCUS.ORG
INCREASED DENSITY - 702291 (201800165)	12/6/2019 - G56 - 27-6N-6W X666457 WDFD 3 WELLS NO OP NAMED 9/17/2019
INCREASED DENSITY - 702292 (201800166)	12/6/2019 - G56 - 34-6N-6W X669414 WDFD 3 WELLS NO OP NAMED 9/17/2019

LOCATION EXCEPTION - 692650 (201805823)	12/6/2019 - G56 - (I.O.) 27 & 34-6N-6W X666457 WDFD 27-6N-6W X669414 WDFD 34-6N-6W SHL (27-6N-6W) NCT 200' FNL, NCT 1500' FEL COMPL. INT. (27-6N-6W) NCT 150' FNL, NCT 0' FSL, NCT 330' FEL COMPL. INT. (34-6N-6W) NCT 0' FNL, NCT 150' FSL, NCT 330' FEL NO OP NAMED 3/11/2019
MEMO	8/20/2018 - G71 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, PIT 2 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT
SPACING - 666457	12/6/2019 - G56 - (640)(HOR) 27-6N-6W EST WDFD, OTHERS POE TO BHL (WDFD) NCT 165' FNL & FSL, NCT 330' FEL & FWL
SPACING - 669414	12/6/2019 - G56 - (640)(HOR) 34-6N-6W EST WDFD, OTHERS POE TO BHL (WDFD) NLT 165' FNL & FSL, NLT 330' FEL & FWL
SPACING - 692649 (201805822)	12/6/2019 - G56 - (I.O.) 27 & 34-6N-6W EST MULTIUNIT HORIZONTAL WELL X666457 WDFD 27-6N-6W X669414 WDFD 34-6N-6W 50% 27-6N-6W 50% 34-6N-6W NO OP NAMED 3/11/2019

