PERMIT DO DRLL         WHILLOUGH NO.	API NUMBER: 051 24313 orizontal Hole Oil & Gas	OIL & GAS OKLAHO	CORPORATION C CONSERVATION P.O. BOX 52000 MA CITY, OK 731 Rule 165:10-3-1)	DIVISION	Approval Date: Expiration Date:	03/30/2018 09/30/2018
NULLICATION: See: 00       Tot 70       Row 20       Control 20       20       207         Automatic       20       307         Laces None: HOBES       Mail Not 11433 20       Mail Not 216       for and 200         Operation: THP OPERATING LLC       The operations of the formations on hyperations hyperating hyperating hyperations on hyperations on hyperations		F	PERMIT TO DRILL			
group LookTook       Will Will Will Will Will Will Will Will						
Operation         TPP OPERATING LLC         COCOC Number         2408.0           TRP OPERATING LLC         PO BOX 128         NORMA JEAN WEST REVOCABLE TRUST. It's SEATTLE SLEW COURT         It's SEATTLE SLEW COURT           HOUSTON,         TX         77001-0128         NORMA JEAN WEST REVOCABLE TRUST. It's SEATTLE SLEW COURT           Formation(s)         (Permit Valid for Listed Formations Only):         Norma         Depth           1         Mississeptunk (EX CRESTER)         11913         5           2         woodproko         11953         7           3         HUNTON         11958         8           5         10         Special Orders:         Increased Danety Orders:           201601778         201601012         Special Orders:         Special Orders:           20160178         20160112         Special Orders:         Special Orders:           20160178         201601612         Special Orders:         Special Orders:           20160178         20160178         Special Orders:         Special Orders:           20160178         20160178         Special Orders:         Special Orders:           20160178         201601612         Special Orders:         Special Orders:           20160178         NORMA JEAN MEMO Store dagetart order dagetare ord		FEET FROM QUARTER: FROM N	IORTH FROM EAS	т		
Nime:     Department of control     Department of control       TRP OPERATING LLC PO BOX 128 HOUSTON,     TX     T7001-0128       Formation(s)     (Permit Valid for Listed Formations Only):     Norma     Depart       Name     Depart     Name     Depart       1     MISSISSIPHAN (EX CHESTER)     1133     6       2     WoODFORD     11638     8       4     0     0K     73025	Lease Name: HOBBS	Well No: 1	H-31-30X	Well will be	e 216 feet from neares	t unit or lease boundary.
PO BOX 128       HOUSTON,       TX       77001-0128         Formation(s)       (Permit Valid for Listed Formations Only):       Image: Second Sec			Telephone: 832709	1170	OTC/OCC Number:	24068 0
EDMOND     OK     73025       Formation(s)     (Permit Valid for Listed Formations Only):     Image: Comparison of the system of the syst	PO BOX 128					ЪТ
Name     Depth     Name     Depth       1     MISSISSIPIAN (EX CHESTER)     11313     6       2     WOODFORD     11543     7       3     HUNTON     11658     8       4     9     10       Specing Orders:     No Spacing     Location Exception Orders:     Increased Density Orders:       201801778     201801078     Special Orders:     Special Orders:       201801778     201800006     201801813     Surface Casing: 1500     Depth to base of Treatable Water-Bearing FM: 420       Under Federal Jurisdiction:     No     Fresh Water Supply Well Drillet:     No     Surface Water Gearing FM: 420       PT 1 INFORMATION     Fresh Water Supply Well Drillet:     No     Surface Water Gearing FM: 420       PT1 1 INFORMATION     Fresh Water Supply Well Drillet:     No     Surface Water Gearing FM: 420       PT1 1 INFORMATION     Approved Method for disposal of Drilling Fluids:     PR: Treater House 3000     H: SEE MEMO       Is depth to top of ground water greater than 10t below bases of pif? Y     Mithin 1 mine Ground application (REQUIRES PERMIT)     PERMIT ND: 18:34460       Within 1 mine for Casted in a Hydrologically Sensitive Area.     Eduary FM: Eduary FM	HOUSTON, TX	77001-0128		EDMOND	OK 73	025
Pending CD Numbers:       201801812         201800778       201800908         201801813       Special Orders:         Total Depth:       19700         Ground Elevation:       1309         Surface Casing:       1500         Depth to base of Treatable Water-Bearing FM:       420         Under Federal Jurisdiction:       No         Fresh Water Supply Well Drilled:       No         Surface Vater used to Drill:       Yes         PIT 1 INFORMATION       Approved Method for disposal of Drilling Fluids:         Type of Pit System:       CLOSED Closed System Means Steel Pits         Type of Mud System:       WATER BASED         Choirides Max: 5000 Average: 3000       H. SEE MEMO         Is depth to top of ground water greater than 10ft below base of pit?       Y         Weilhead Protection Area?       N         Weilhead Protection Area?       N         Pit is not located in a Hydrologically Sensitive Area.       Category of Pit:         Category of Pit:       C         Liner not required for Category: C       Pit Location is         Pit Location is       NON HSA	Name1MISSISSIPPIAN (EX CHESTER)2WOODFORD3HUNTON4	<b>Depth</b> 11313 11543	7 8 9	Name	Depth	
201801778         201800908         201801813         Total Depth: 19700       Ground Elevation: 1309         Surface Casing: 1500       Depth to base of Treatable Water-Bearing FM: 420         Under Federal Jurisdiction: No       Fresh Water Supply Well Drilled: No       Surface Water used to Drill: Yes         PIT 1 INFORMATION       Approved Method for disposal of Drilling Fluids:         Type of Pit System: VATER BASED       D. One time land application (REQUIRES PERMIT)         Chorides Max: 5000 Average: 3000       H. SEE MEMO         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 not located in a Hydrologically Sensitive Area.         Category of Pit: C       Liner not required for Category: C         Pit Location is NON HSA       Vertice Sense	Spacing Orders: No Spacing	Location Exception O	rders:		Increased Density Orders:	
Under Federal Jurisdiction: No   Fresh Water Supply Well Drilled: No   Surface Water used to Drill: Yes   PIT 1 INFORMATION Approved Method for disposal of Drilling Fluids:   Type of Pit System: CLOSED Closed System Means Steel Pits   Type of Mud System: WATER BASED   Chlorides Max: 5000 Average: 3000 D. One time land application (REQUIRES PERMIT)   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 not located in a Hydrologically Sensitive Area. Head   Category of Pit: C   Liner not required for Category: C   Pit Location is NON HSA	201801778 201800908 201801813					
PIT 1 INFORMATION Approved Method for disposal of Drilling Fluids: Type of Pit System: CLOSED Closed System Means Steel Pits Type of Mud System: WATER BASED Chlorides Max: 5000 Average: 3000 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 not located in a Hydrologically Sensitive Area. Category of Pit: C Liner not required for Category: C Pit Location is NON HSA	Total Depth: 19700 Ground Elevation: 1	309 Surface Ca	asing: 1500	Dept	h to base of Treatable Water	Bearing FM: 420
PIT 1 INFORMATION PIT 1 INFORMATION Approved Method for disposal of Drilling Fluids: Type of Pit System: CLOSED Closed System Means Steel Pits Type of Mud System: WATER BASED Chlorides Max: 5000 Average: 3000 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 not located in a Hydrologically Sensitive Area. Category of Pit: C Liner not required for Category: C Pit Location is NON HSA	Under Federal Jurisdiction: No	Fresh Water S	upply Well Drilled: No		Surface Water up	red to Drill: Ves
Type of Pit System: CLOSED Closed System Means Steel Pits Type of Mud System: WATER BASED Chlorides Max: 5000 Average: 3000 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 not located in a Hydrologically Sensitive Area. Category of Pit: C Liner not required for Category: C Pit Location is NON HSA						
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 not located in a Hydrologically Sensitive Area. Category of Pit: C Liner not required for Category: C Pit Location is NON HSA	Type of Pit System: CLOSED Closed System Means Type of Mud System: WATER BASED	Steel Pits	D. One	time land application (REC	-	PERMIT NO: 18-34160
Liner not required for Category: C Pit Location is NON HSA	Is depth to top of ground water greater than 10ft below b Within 1 mile of municipal water well? N Wellhead Protection Area? N Pit <b>is not</b> located in a Hydrologically Sensitive Area.	ase of pit? Y				
Pit Location is NON HSA						
	Pit Location is NON HSA					

This permit does not address the right of entry or settlement of surface damages. The duration of this permit is SIX MONTHS, except as otherwise provided by Rule 165: 10-3-1. Rule 165: 10-3-4 (c) (7) (e) - The Operator shall give 24 Hours notice by telephone to the appropriate District Office of the Conservation Division as to when Surface Casing will be run. 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 not located in a Hydrologically Sensitive Area. Category of Pit: C Liner not required for Category: C

Pit Location is NON HSA Pit Location Formation: CHICKASHA

## HORIZONTAL HOLE 1

Sec 30	Twp	8N	Rge	5W	County	GRADY
Spot Location	n of En	d Point	: C	E2	E2	E2
Feet From:	SOL	JTH	1/4 Seo	ction Lin	e: 2	640
Feet From:	EAS	т	1/4 Se	ction Lin	e: 3	30
Depth of Deviation: 11020						
Radius of Tur	n: 58	9				
Direction: 1						
Total Length: 7755						
Measured Total Depth: 19700						
True Vertical Depth: 11658						
End Point Location from Lease,						
Unit, or Property Line: 330						

Notes:		
Category	Description	
DEEP SURFACE CASING	3/23/2018 - G71 - APPROVED; NOTIFY OCC FIELD INSPECTOR IMMEDIATE CIRCULATION OR FAILURE TO CIRCULATE CEMENT TO SURFACE ON AN SURFACE CASING	
HYDRAULIC FRACTURING	3/23/2018 - G71 - OCC 165:10-3-10 REQUIRES:	
	1) PRIOR TO COMMENCEMENT OF HYDRAULIC FRACTURING OPERATION WELLS, NOTICE GIVEN FIVE BUSINESS DAYS IN ADVANCE TO OFFSET O WELLS COMPLETED IN THE SAME COMMON SOURCE OF SUPPLY WITHIN	PERATORS WITH
	2) WITH NOTICE ALSO GIVEN 48 HOURS IN ADVANCE OF HYDRAULIC FR/ WELLS TO BOTH THE OCC CENTRAL OFFICE AND LOCAL DISTRICT OFFIC "FRAC NOTICE FORM" FOUND AT THE FOLLOWING LINK: OCCEWEB.COM/OG/OGFORMS.HTML; AND,	
	3) THE CHEMICAL DISCLOSURE OF HYDRAULIC FRACTURING INGREDIEN TO BE REPORTED TO FRACFOCUS WITHIN 60 DAYS AFTER THE CONCLU HYDRAULIC FRACTURING OPERATIONS, USING THE FOLLOWING LINK: F	ISION THE
MEMO	3/23/2018 - G71 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERAT OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT	OR REQUEST, PIT 2 -
PENDING CD - 201800908	3/29/2018 - G56 - (E.O.)(640) 31-8N-5W EXT. 663980 MSSP, WDFD, HNTN ** COMPL. INT (MSNLC, HNTN) NCT 660' FB COMPL. INT (WDFD) NCT 165' FNL/FSL, 330' FB REC. 3/16/18 (JACKSON)	
	**MSSP WILL BE CORRECTED TO EST MSNLC AT FINAL HEARING PER AT OPERATOR	TORNEY FOR
This permit does not address the right of entry The duration of this permit is SIX MONTHS, ex	or settlement of surface damages. ccept as otherwise provided by Rule 165: 10-3-1.	051 24313 HOBBS 1H-31-30X

Category	Description
PENDING CD - 201801778	3/29/2018 - G56 - (640) (HOR) 30-8N-5W EXT. 670842 MSSP, WDFD, HNTN ** COMPL. INT (MSNLC, HNTN) NCT 660' FB COMPL. INT (WDFD) NCT 165' FNL/FSL, 330' FB REC. 3/16/18 (JACKSON)
	**MSSP WILL BE CORRECTED TO EST MSNLC AT FINAL HEARING PER ATTORNEY FOR OPERATOR
PENDING CD - 201801812	3/29/2018 - G56 - (E.O.) 30 & 31-8N-5W EST. MULTIUNIT HORIZONTAL WELL X201801778 MSSP, WDFD, HNTN (30-8N-5W) ** X201800908 MSSP, WDFD, HNTN (31-8N-5W) ** (MSSP, HNTN ARE ADJACENT COMMON SOURCE OF SUPPLY TO WDFD) 67% (31-8N-5W) 33% (30-8N-5W) TRP MIDCON, LLC REC. 3/16/18 (JACKSON)
	**MSSP WILL BE CORRECTED TO MSNLC AT FINAL HEARING PER ATTORNEY FOR OPERATOR
PENDING CD - 201801813	3/29/2018 - G56 - (E.O.) 30 & 31-8N-5W X201801778 MSSP, WDFD, HNTN (30-8N-5W) ** X201800908 MSSP, WDFD, HNTN (31-8N-5W) ** COMPL. INT. NCT 165' FSL NCT 0' FNL, NCT 330' FEL (31-8N-5W) COMPL. INT. NCT 0' FSL NCT 165 FNL, NCT 330' FEL (30-8N-5W) TRP MIDCON, LLC REC. 3/16/18 (JACKSON)
	**MSSP WILL BE CORRECTED TO MSNLC AT FINAL HEARING PER ATTORNEY FOR OPERATOR

## 35-051-24313

