

OKLAHOMA CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION  
P.O. BOX 52000  
OKLAHOMA CITY, OK 73152-2000  
(Rule 165:10-3-1)

API NUMBER: 073 26458 A

Approval Date: 02/21/2019  
Expiration Date: 08/21/2020

Horizontal Hole Oil & Gas  
Multi Unit

Amend reason: OCC CORRECTION TO CORRECT BHL QUARTER  
CALLS

AMEND PERMIT TO DRILL

WELL LOCATION: Sec: 07 Twp: 15N Rge: 7W County: KINGFISHER  
SPOT LOCATION: ☐ SE ☐ SE ☐ SW ☐ SW FEET FROM QUARTER: FROM SOUTH FROM WEST  
SECTION LINES: 225 1170

Lease Name: PETTY FED 1507 Well No: 4H-6X Well will be 225 feet from nearest unit or lease boundary.  
Operator Name: NEWFIELD EXPLORATION MID-CON INC Telephone: 2812105100; 9188781 OTC/OCC Number: 20944 0

NEWFIELD EXPLORATION MID-CON INC  
4 WATERWAY SQUARE PL STE 100  
THE WOODLANDS, TX 77380-2764

VIRGINIA A. PETTY  
11798 E. 850 ROAD  
OKARCHE OK 73762

Formation(s) (Permit Valid for Listed Formations Only):

	Name	Depth	Name	Depth
1	MISSISSIPPIAN	8362	6	
2	WOODFORD	8895	7	
3			8	
4			9	
5			10	

Spacing Orders: 643447 Location Exception Orders: 690865 Increased Density Orders: 689326  
690858 689327

Pending CD Numbers: 201809432

Special Orders:

Total Depth: 19069 Ground Elevation: 1117 Surface Casing: 1500 Depth to base of Treatable Water-Bearing FM: 320

Under Federal Jurisdiction: Yes Fresh Water Supply Well Drilled: No Surface Water used to Drill: No

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? N

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 BED AQUIFER

Pit Location Formation: DUNCAN

D. One time land application -- (REQUIRES PERMIT) PERMIT NO: 19-36236  
E. Haul to Commercial pit facility: Sec. 31 Twn. 12N Rng. 8W Cnty. 17 Order No: 587498  
H. SEE MEMO

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 located in a Hydrologically Sensitive Area.

Category of Pit: C

Liner not required for Category: C

Pit Location is BED AQUIFER

Pit Location Formation: DUNCAN

HORIZONTAL HOLE 1

Sec 06 Twp 15N Rge 7W County KINGFISHER

Spot Location of End Point: NE NE NE NW

Feet From: NORTH 1/4 Section Line: 85

Feet From: WEST 1/4 Section Line: 2610

Depth of Deviation: 8000

Radius of Turn: 482

Direction: 10

Total Length: 10311

Measured Total Depth: 19069

True Vertical Depth: 8895

End Point Location from Lease,  
Unit, or Property Line: 85

Notes:

Category

Description

DEEP SURFACE CASING

2/8/2019 - 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

2/8/2019 - 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](http://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](http://FRACFOCUS.ORG)

INCREASED DENSITY - 689326

2/20/2019 - G58 - 6-15N-7W  
X643447 MSSP  
6 WELLS  
NEWFIELD EXPLORATION MID-CONTINENT INC.  
1/7/2019

INCREASED DENSITY - 689327

2/20/2019 - G58 - 7-15N-7W  
X643447 MSSP  
6 WELLS  
NEWFIELD EXPLORATION MID-CONTINENT INC.  
1/7/2019

This permit does not address the right of entry or settlement of surface damages.

073 26458 PETTY FED 1507 4H-6X

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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.

Category	Description
LOCATION EXCEPTION - 690865	2/20/2019 - G58 - (I.O.) 6 & 7-15N-7W X165:10-3-28(C)(2)(B) MSSP, WDFD (PETTY FED 1507 4H-6X) MAY BE CLOSER THAN 600' TO THE PETTY 1H-6X WELL MAY BE CLOSER THAN 600' TO PROPOSED WELL 2/4/2019
MEMO	2/8/2019 - G71 - PIT 1 & 2 - CLOSED SYSTEM = STEEL PITS PER OPERATOR REQUEST, WBM/CUTTINGS & OBM CUTTINGS CAPTURED IN STEEL HALF PITS, WBM CUTTINGS WILL BE SOIL FARMED, WBM & OBM CUTTINGS TRANSFERRED TO R360 587498 (31-12N-8W), CANADIAN CO, PIT 2 - OBM TO VENDOR
PENDING CD - 201809432	2/20/2019 - G58 - (I.O.) 6 & 7-15N-7W X643447 MSSP, WDFD COMPL. INT. 7-15N-7W NCT 0' FNL, NCT 165' FSL, NCT 1980' FWL COMPL. INT. 6-15N-7W NCT 0' FSL, NCT 165' FNL, NCT 1980' FWL NO OP. NAMED REC 12/3/2018 (DUNN)
SPACING - 643447	2/20/2019 - G58 - (640)(HOR) 6 & 7-15N-7W VAC 37910 MCSTR 6 & 7-15N-7W VAC 248318 MSSLM 6-15N-7W VAC 256082 MSSLM 7-15N-7W EST MSSP, WDFD COMPL. INT. (MSSP) NLT 660' FB COMPL. INT. (WDFD) NLT 165' FNL & FSL, NLT 330' FEL & FWL
SPACING - 690858	2/20/2019 - G58 - (I.O.) 6 & 7-15N-7W EST MULTIUNIT HORIZONTAL WELL X643447 MSSP, WDFD (WDFD IS ADJACENT CSS TO MSSP) 50% 6-15N-7W 50% 7-15N-7W NEWFIELD EXPLORATION MID-CONTINENT INC. 2/4/2019