

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

API NUMBER: 011 23867 A

Approval Date: 10/11/2017
Expiration Date: 04/11/2018

Horizontal Hole Oil & Gas

Amend reason: CHANGE DISPOSAL METHOD

AMEND PERMIT TO DRILL

WELL LOCATION: Sec: 34 Twp: 14N Rge: 12W

County: BLAINE

SPOT LOCATION:

FEET FROM QUARTER: FROM NORTH FROM EAST

SECTION LINES: 300 250

Lease Name: PETERS

Well No: 1412 1H-27

Well will be 250 feet from nearest unit or lease boundary.

Operator Name: NEWFIELD EXPLORATION MID-CON INC

Telephone: 2816742521; 9188781

OTC/OCC Number: 20944 0

NEWFIELD EXPLORATION MID-CON INC
4 WATERWAY SQ PL STE 100
SPRING, TX 77380-2764

GENE A. PETERS REVOCABLE TRUST
RT. 1, BOX 41
GEARY OK 73040

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

	Name	Depth	Name	Depth
1	MISSISSIPPIAN	13148	6	
2	WOODFORD	13881	7	
3			8	
4			9	
5			10	

Spacing Orders: 656898

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201706219

Special Orders:

Total Depth: 18551

Ground Elevation: 1719

Surface Casing: 460

Depth to base of Treatable Water-Bearing FM: 210

Under Federal Jurisdiction: No

Fresh Water Supply Well Drilled: No

Surface Water used to Drill: No

PIT 1 INFORMATION

Type of Pit System: ON SITE

Type of Mud System: AIR

Is depth to top of ground water greater than 10ft below base of pit? Y

Within 1 mile of municipal water well? Y

Wellhead Protection Area? Y

Pit is located in a Hydrologically Sensitive Area.

Category of Pit: 4

Liner not required for Category: 4

Pit Location is AP/TE DEPOSIT

Pit Location Formation: TERRACE

Mud System Change to Water-Based or Oil-Based Mud Requires an Amended Intent (Form 1000).

Approved Method for disposal of Drilling Fluids:

A. Evaporation/dewater and backfilling of reserve pit.

D. One time land application -- (REQUIRES PERMIT)

PERMIT NO: 17-33315

H. SEE MEMO

G. Haul to recycling/re-use facility: Sec. 22 Twn. 16N Rng. 9W Cnty. 73 Order No: 647741

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: WATER BASED

Chlorides Max: 8000 Average: 5000

Is depth to top of ground water greater than 10ft below base of pit? Y

Within 1 mile of municipal water well? Y

Wellhead Protection Area? Y

Pit is located in a Hydrologically Sensitive Area.

Category of Pit: C

Liner not required for Category: C

Pit Location is AP/TE DEPOSIT

Pit Location Formation: TERRACE

PIT 3 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? Y

Wellhead Protection Area? Y

Pit is located in a Hydrologically Sensitive Area.

Category of Pit: C

Liner not required for Category: C

Pit Location is AP/TE DEPOSIT

Pit Location Formation: TERRACE

HORIZONTAL HOLE 1

Sec 27 Twp 14N Rge 12W County BLAINE

Spot Location of End Point: NW NE NE NE

Feet From: NORTH 1/4 Section Line: 50

Feet From: EAST 1/4 Section Line: 380

Depth of Deviation: 12749

Radius of Turn: 477

Direction: 355

Total Length: 5053

Measured Total Depth: 18551

True Vertical Depth: 13881

End Point Location from Lease,
Unit, or Property Line: 50

Notes:

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011 23867 PETERS 1412 1H-27

Category	Description
HYDRAULIC FRACTURING	<p>10/3/2017 - G71 - OCC 165:10-3-10 REQUIRES:</p> <p>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;</p> <p>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,</p> <p>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</p>
INTERMEDIATE CASING	10/3/2017 - G71 - DUE TO THE KNOWN POTENTIAL RISK OF ENCOUNTERING AN OVER-PRESSURED ZONE IN THE MORROW SERIES IN THIS AREA, THE TECHNICAL MANAGER RECOMMENDS SETTING AN INTERMEDIATE STRING OF CASING IMMEDIATELY ABOVE THE MORROW SERIES
MEMO	10/18/2017 - G71 - PIT 2 & 3 - CLOSED SYSTEM = STEEL PITS PER OPERATOR REQUEST, WBM & OBM CUTTINGS CAPTURED IN STEEL HALF PITS; PIT 2 - WBM & WBM CUTTINGS TO BE SOIL FARMED; PIT 3 - OBM TO VENDOR, OBM CUTTINGS TRANSFERRED TO BACKYARD ENERGY SERVICES FACILITY (SW4 22-16N-9W KINGFISHER, CO.)
PENDING CD - 201706219	<p>10/6/2017 - G75 - (E.O.) 27-14N-12W</p> <p>X656898 MSSP, WDFD</p> <p>COMPL. INT. NCT 165' FSL, NCT 165' FNL, NCT 330' FEL</p> <p>NO OP. NAMED</p> <p>REC 10-6-2017 (JOHNSON)</p>
PUBLIC WATER SUPPLY WELLS	10/3/2017 - G71 - LARIAT CREEK CHRISTIAN CAMP, 2 PWS/WPA, NE4 35-14N-12W
SPACING - 656898	<p>10/6/2017 - G75 - (640)(HOR) 27-14N-12W</p> <p>VAC 115876 CSTR, MPLM, OTHER</p> <p>EST MSSP, OTHER</p> <p>EXT 580407 WDFD</p> <p>POE TO BHL (MSSP) NCT 660' FB</p> <p>POE TO BHL (WDFD) NCT 165' FNL & FSL, NCT 330' FEL & FWL</p>

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