

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

API NUMBER: 063 24614

Approval Date: 09/16/2016
Expiration Date: 03/16/2017

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 05 Twp: 7N Rge: 11E County: HUGHES
SPOT LOCATION: NW SW SW SE FEET FROM QUARTER: FROM SOUTH FROM EAST
SECTION LINES: 600 2340

Lease Name: SUSAN Well No: 3-8/17H Well will be 600 feet from nearest unit or lease boundary.
Operator Name: PETROQUEST ENERGY LLC Telephone: 3372320044; 9185615 OTC/OCC Number: 21466 0

PETROQUEST ENERGY LLC
1717 S BOULDER AVE STE 201
TULSA, OK 74119-4842

ROZANNE TURNER PROPERTIES LLC
821 E. 11TH ST.
HOLDENVILLE OK 74848

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

Name	Depth	Name	Depth
1 WOODFORD	5110	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 629164
613491

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201603257
201603934
201603935
201603938

Special Orders:

Total Depth: 15716

Ground Elevation: 892

Surface Casing: 325

Depth to base of Treatable Water-Bearing FM: 230

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? N

Wellhead Protection Area? N

Pit is located in a Hydrologically Sensitive Area.

Category of Pit: 4

Liner not required for Category: 4

Pit Location is BED AQUIFER

Pit Location Formation: CALVIN

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.

B. Solidification of pit contents.

E. Haul to Commercial pit facility: Sec. 19 Twn. 8N Rng. 5E Cnty. 125 Order No: 274874

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: ON SITE
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? N
Wellhead Protection Area? N
Pit is located in a Hydrologically Sensitive Area.

Category of Pit: 1B
Liner required for Category: 1B
Pit Location is BED AQUIFER
Pit Location Formation: CALVIN

PIT 3 INFORMATION

Type of Pit System: ON SITE
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: 3
Liner required for Category: 3
Pit Location is BED AQUIFER
Pit Location Formation: CALVIN

HORIZONTAL HOLE 1

Sec 17 Twp 7N Rge 11E County HUGHES
Spot Location of End Point: SW SW SW SE
Feet From: SOUTH 1/4 Section Line: 1
Feet From: EAST 1/4 Section Line: 2330
Depth of Deviation: 5100
Radius of Turn: 473
Direction: 179
Total Length: 9873
Measured Total Depth: 15716
True Vertical Depth: 5110
End Point Location from Lease,
Unit, or Property Line: 1

Notes:

Table with 2 columns: Category, Description. Contains notes about hydraulic fracturing requirements and pit details.

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Category	Description
PENDING CD - 201603257	9/9/2016 - G60 - 8-7N-11E X629164 WDFD 3 WELLS NO OP. NAMED REC. 8-29-16 (MCKEOWN)
PENDING CD - 201603934	9/15/2016 - G60 - (E.O.) 8 & 17-7N-11E EST MULTIUNIT HORIZONTAL WELL X629164 WDFD X613491 WDFD 50% 8-7N-11E 50% 17-7N-11E PETROQUEST ENERGY, LLC. REC. 9-16-16 (JOHNSON)
PENDING CD - 201603935	9/15/2016 - G60 - (E.O.) 8 & 17-7N-11E X629164 WDFD X613491 WDFD SHL NCT 550' FSL, NCT 2250' FWL (5-7N-11E) COMPL. INT. (8-7N-11E) NCT 165' FNL, NCT 0' FSL, NCT 2100' FEL COMPL. INT. (17-7N-11E) NCT 165' FNL, NCT 0' FSL, NCT 2100' FEL PETROQUEST ENERGY, LLC. REC. 9-16-16 (JOHNSON)
PENDING CD - 201603938	9/15/2016 - G60 - (E.O.) 17-7N-11E X613491 WDFD 2 WELLS PETROQUEST ENERGY, LLC. REC. 9-16-16 (JOHNSON)
SPACING - 613491	9/9/2016 - G60 - (640)(HOR) 17-7N-11E EST WDFD VAC OTHERS COMPL. INT. NLT 165' FNL, NLT 165' FSL, NLT 330' FEL OR FWL
SPACING - 629164	9/9/2016 - G60 - (640)(HOR) 8-7N-11E EXT 618804 WDFD, OTHERS EXT OTHER COMPL. INT. NLT 165' FNL, NL 165' FSL, NLT 330' FEL OR FWL

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