

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

API NUMBER: 063 24615

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 2320

Lease Name: SUSAN Well No: 4-8/17H 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 TRUSCOTT TURNER PROPERTIES LLC
821 E 11TH STR
HOLDENVILLE OK 74848

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

Name	Depth	Name	Depth
1 WOODFORD	5395	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 629164
613491

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201603257
201603936
201603938
201603937

Special Orders:

Total Depth: 11120 Ground Elevation: 891 **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 NW NE NE
Feet From: NORTH 1/4 Section Line: 400
Feet From: EAST 1/4 Section Line: 1130
Depth of Deviation: 5375
Radius of Turn: 830
Direction: 179
Total Length: 4238
Measured Total Depth: 11120
True Vertical Depth: 5395
End Point Location from Lease,
Unit, or Property Line: 400

Notes:

Table with 2 columns: Category, Description. Row 1: HYDRAULIC FRACTURING, 9/13/2016 - G71 - OCC 165:10-3-10 REQUIRES: 1) THE CHEMICAL DISCLOSURE OF HYDRAULIC FRACTURING INGREDIENTS FOR ALL WELLS BE REPORTED TO FRACFOCUS USING THE FOLLOWING LINK HTTP://FRACFOCUS.ORG/ WITH NOTICE GIVEN 48 HOURS IN ADVANCE OF FRACTURING TO THE LOCAL OCC DISTRICT OFFICE; AND, 2) PRIOR TO COMMENCEMENT OF FRACTURING OPERATIONS FOR HORIZONTAL WELLS, NOTICE ALSO GIVEN FIVE BUSINESS DAYS IN ADVANCE TO OFFSET OPERATORS WITH WELLS COMPLETED IN THE SAME COMMON SOURCE OF SUPPLY WITHIN 1/2 MILE. Row 2: MEMO, 9/13/2016 - G71 - PITS 2 & 3 - CONCRETE LINED PIT PER OPERATOR REQUEST, PIT 3 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT

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Category	Description
PENDING CD - 201603257	9/14/2016 - G60 - 8-7N-11E X629164 WDFD 3 WELLS NO OP. NAMED REC. 8-29-16 (MCKEOWN)
PENDING CD - 201603936	9/15/2016 - G60 - (E.O.) 8 & 17-7N-11E EST MULTIUNIT HORIZONTAL WELL X629164 WDFD X613491 WDFD 93% 8-7N-11E 7% 17-7N-11E PETROQUEST ENERGY, LLC. REC. 9-16-16 (JOHNSON)
PENDING CD - 201603937	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 330' FEL COMPL. INT. (17-7N-11E) NCT 0' FNL, NCT 400' FNL, NCT 330' 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	9/15/2016 - G60 - (640)(HOR) 8-7N-11E VAC OTHERS EST WDFD, OTHERS COMPL. INT. NLT 165' FNL, NL 165' FSL, NLT 330' FEL OR FWL
SPACING - 629164	9/14/2016 - 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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Well Location Plat

S.H.L. Sec. 5-7N-11E I.M
B.H.L. Sec. 17-7N-11E I.M

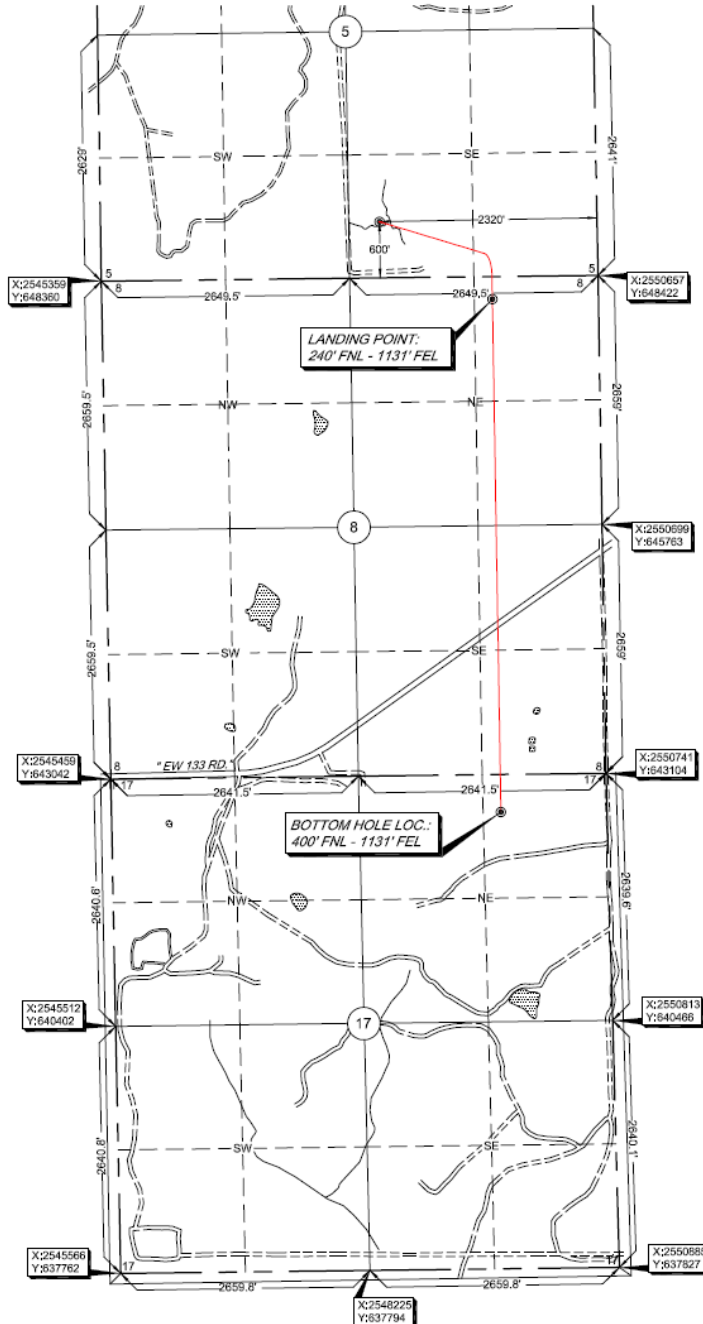
Operator : PETROQUEST ENERGY, LLC
Lease Name and No. : SUSAN 4-8/17H
Footage : 600' FSL - 2320' FEL GR. ELEVATION : 891' Good Site? YES 3506324615
Section : 5 Township : 7N Range : 11E I.M.
County : Hughes State of Oklahoma
Alternate Loc. : N/A
Terrain at Loc. : Location fell in timber with natural drainage areas within proposed pad site.

Accessibility : From the West.
Directions : From the junction of U.S. Hwy 270 & U.S. Hwy 75 in Horntown, OK, go 2.0 miles North on Hwy 75, and go 4.3 miles East on "EW 131 Rd." to entrance of existing lease road on South side of road. Take existing lease road/2-track road ±1.0 mile South to proposed location in the Southeast Quarter of Section 5-7N-11E.



1" = 1500'

GPS DATUM
NAD 27
OK SOUTH ZONE



Surface Hole Loc.:
Lat: 35°06'10.80"N
Lon: 96°10'00.48"W
X: 2548327
Y: 648995

Landing Point:
Lat: 35°06'02.41"N
Lon: 96°09'46.17"W
X: 2549531
Y: 648168

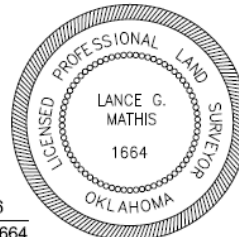
Bottom Hole Loc.:
Lat: 35°05'08.23"N
Lon: 96°09'46.28"W
X: 2549621
Y: 642691

Please note that this location was staked on the ground under the supervision of a Licensed Professional Land Surveyor, but the accuracy of this survey is not guaranteed. Please contact Arkoma Surveying and Mapping promptly if any inconsistency is determined. GPS data is observed from RTK-GPS.
NOTE: X and Y data shown herein for Section Corners may NOT have been surveyed on-the-ground, and further, does NOT represent a true boundary survey. Quarter Section distances may be assumed from a Government Survey Plat or assumed at a proportionate distance from opposing section corners, or occupation thereof, and may not have been measured on-the-ground, and further, does not represent a true boundary survey.

survey and plat by,
Arkoma Surveying and Mapping, PLLC
P.O. Box 238 Wilburton, OK 74578
Ph. 918-465-5711 Fax 918-465-5030
Certificate of Authorization No. 5348
Expires August 31, 2018

Certification:
This is to certify that this Well Location Plat represents the results of a survey made on the ground performed under the supervision of the undersigned.

LANCE G. MATHIS 09/13/16
OK LPLS 1664



Invoice #6409-G
Date Staked : N/A By: N/A
Date Drawn : 07/13/16 By: K.M.
Lse, Nm. & BHL Sec. : 08/30/16 By: S.S.
Added Landing Pt. & B.H.L. : 09/12/16 By: S.S.

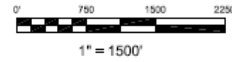


Well Location Plat

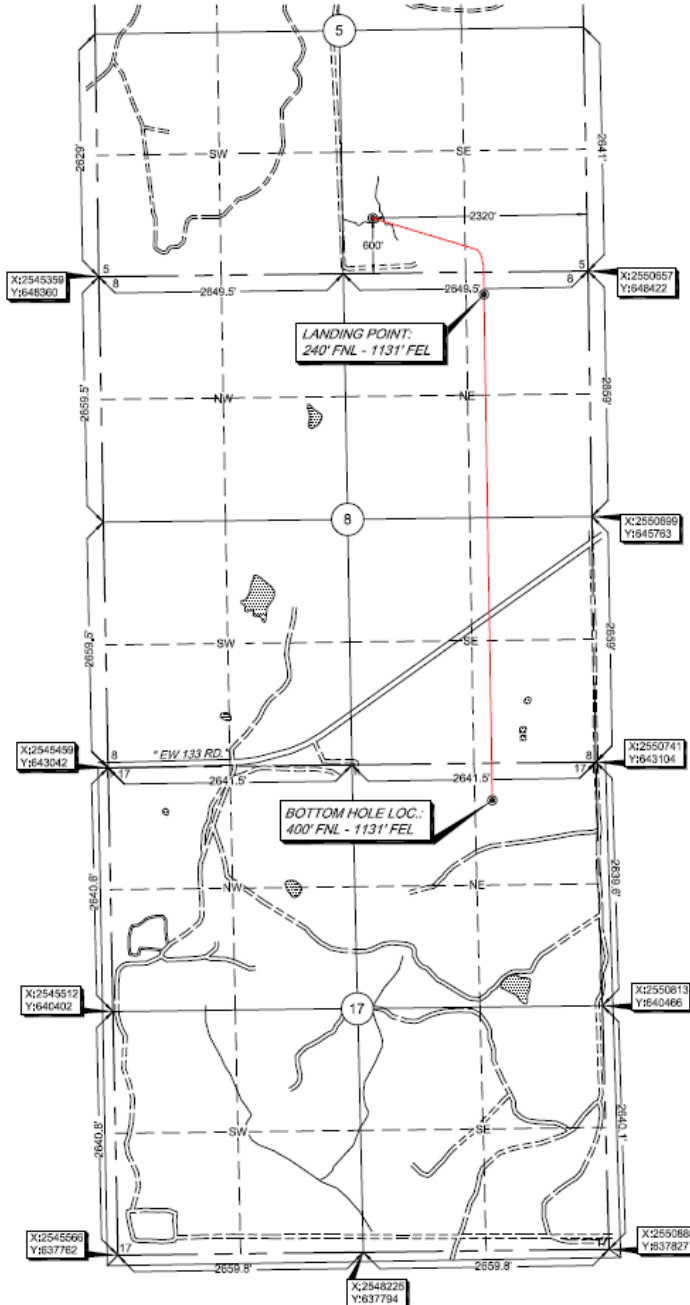
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