

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

API NUMBER: 121 24720 A

Approval Date: 10/03/2014
Expiration Date: 04/03/2015

Horizontal Hole Oil & Gas

Amend reason: CORRECT THE BHL FOOTAGES FROM 880' FROM THE EAST LINE TO 882' FROM THE WEST LINE.

AMEND PERMIT TO DRILL

WELL LOCATION: Sec: 30 Twp: 7N Rge: 17E County: PITTSBURG
SPOT LOCATION: NE NE NE NW FEET FROM QUARTER: FROM NORTH FROM WEST
SECTION LINES: 250 2412

Lease Name: GIBSON Well No: 2-30H Well will be 250 feet from nearest unit or lease boundary.

Operator Name: PETROQUEST ENERGY LLC Telephone: 3372327028; 9185615 OTC/OCC Number: 21466 0

PETROQUEST ENERGY LLC
400 E KALISTE SALOOM RD STE 6000
LAFAYETTE, LA 70508-8523

ROGER AND TONYA GIBSON
P.O. BOX 76
BLOCKER OK 74529

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

Name	Depth	Name	Depth
1 BOOCH	1709	6 JEFFERSON	7585
2 HARTSHORNE	2916	7 CANEY	7960
3 ATOKA	3250	8 WOODFORD	8480
4 WAPANUCKA	6920	9	
5 UNION VALLEY	7200	10	

Spacing Orders: 552601 Location Exception Orders: 631423 Increased Density Orders: 631476

Pending CD Numbers: Special Orders:

Total Depth: 14148 Ground Elevation: 654 **Surface Casing: 1500** Depth to base of Treatable Water-Bearing FM: 110

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 not located in a Hydrologically Sensitive Area.

Category of Pit: 4

Liner not required for Category: 4

Pit Location is NON HSA

Pit Location Formation: BOGGY

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: 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? 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: BOGGY

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? 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: BOGGY

HORIZONTAL HOLE 1

Sec 30 Twp 7N Rge 17E County PITTSBURG

Spot Location of End Point: SW SE SW SW

Feet From: SOUTH 1/4 Section Line: 1

Feet From: WEST 1/4 Section Line: 882

Depth of Deviation: 8065

Radius of Turn: 443

Direction: 179

Total Length: 7870

Measured Total Depth: 14148

True Vertical Depth: 8480

End Point Location from Lease,
Unit, or Property Line: 1

Notes:

Category	Description
DEEP SURFACE CASING	10/2/2014 - G71 - APPROVED CONTINGENT ON NOTIFYING OCC FIELD STAFF IMMEDIATELY OF ANY LOSS OF CIRCULATION OR FAILURE TO CIRCULATE CEMENT TO SURFACE ON ANY CONDUCTOR OR SURFACE CASING
INCREASED DENSITY- 631476	10/3/2014 - G72 - 30-7N-17E (E.O.) X 552601 WDFD 2 WELLS PETROQUEST ENERGY, L.L.C. 10/3/2014

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Category	Description
LOCATION EXCEPTION - 631423	2/10/2015 - G72 - 30-7N-17E (E.O.) X 522601 BOCH, HRSR, ATOK, WPCK, UNVL, JFRS, CNEY WDFD, **SHL NCT 250 FNL NCT 2427 FWL, COMP INT. NCT 165 FNL NCT 165 FSL NCT 330 FWL, PETROQUEST ENERGY, L.L.C. 10/20/2014 **SHL WILL BE AMENDED AT FINAL HEARING PER OPERATPR
MEMO	10/2/2014 - G71 - PITS 2 & 3 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, PIT 3 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT
POE	10/3/2014 - G72 - WILL BE > 600' FROM THE 1-30H AND 3-30H PER OPERATOR.
SPACING - 552601	10/3/2014 - G72 - (640) 30-7N-17E VAC 46096 ATKBA VAC 129478 HRSR, OTHER VAC 115934 ATOKU, ATOKM, ATOKL EST BOCH, HRSR, ATOK, WPCK, UNVL, JFRS, CNEY, WDFD

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