

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

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

Horizontal Hole Oil & Gas

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: 631422 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: SE SW SE SE

Feet From: SOUTH 1/4 Section Line: 1

Feet From: EAST 1/4 Section Line: 880

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

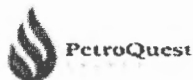
Notes:

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

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.

Category	Description
LOCATION EXCEPTION - 631422	10/3/2014 - G72 - 30-7N-17E (E.O.) X 522601 BOCH, HRSR, ATOK, WPCK, UNVL, JFRS, CNEY WDFD, SHL NCT 250 FNL NCT 2412 FWL, COMP INT. NCT 165 FNL NCT 165 FSL NCT 330 FEL, PETROQUEST ENERGY, L.L.C. 10/2/2014
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

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.

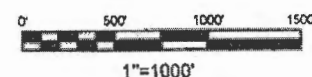


# Well Location Plat

Sec. 30-7N-17E I.M.

121-24720

Operator: PETROQUEST ENERGY, LLC  
 Lease Name and No. : GIBSON #2-30H  
 Footage : 250' FNL - 2412' FWL PAD ELEVATION : 654' Good Site? YES  
 Section: 30 Township: 7N Range: 17E I.M.  
 County : Pittsburg State of Oklahoma  
 Alternate Loc. : N/A  
 Terrain at Loc. : Stake fell on existing pad, 30' South of the "Gibson #1-30H" wellhead,  
 101' West of N-S Fence, 112' East of production equipment.  
 Accessibility : From the West.  
 Directions : From the junction of State Highway 31 & "Two Mile Road" in Blocker, OK. go  
 East on "Two Mile Road" 0.5 miles to the Northwest Corner of Section 30-7N-17E.



GPS DATUM  
 NAD - 27  
 OK SOUTH ZONE

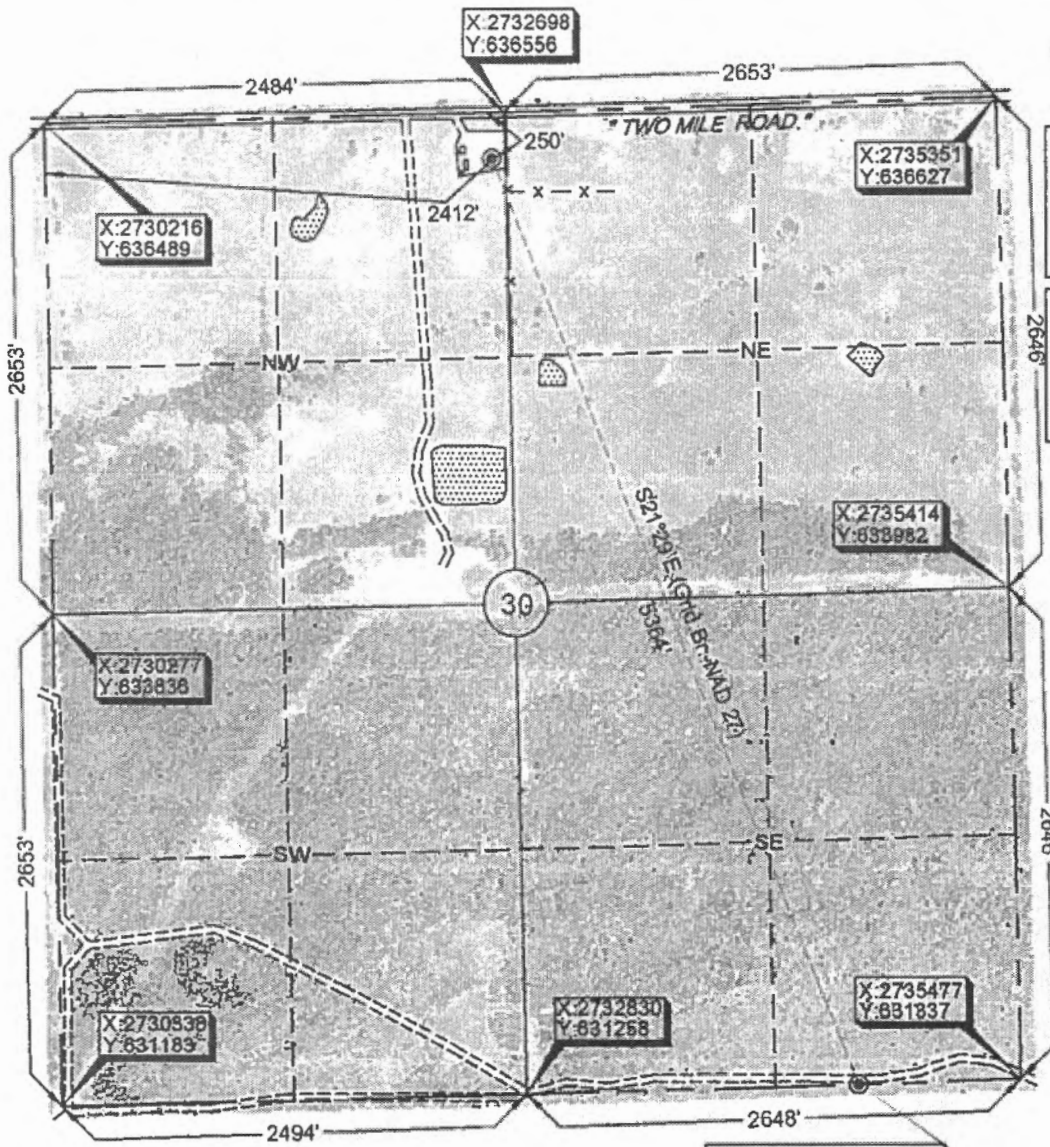
Surface Hole Loc.:  
 Lat: 35°03'26.64"N  
 Lon: 95°33'06.69"W  
 X: 2732632  
 Y: 636304

Bottom Hole Loc.:  
 Lat: 35°02'36.81"N  
 Lon: 95°32'44.52"W  
 X: 2734597  
 Y: 631312

NOTE: X and Y data shown hereon for Section Corners may NOT have been surveyed on-the-ground, and further, does NOT represent a true Boundary Survey

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.

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.



**BOTTOM HOLE LOC.:**  
 1' FSL - 880' FEL

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 June 30, 2016

Invoice #4882-A-B  
 Date Staked : 09/13/14 By : B.M.  
 Date Drawn : 09/15/14 By : R.S.  
 Revise SHL: 10/01/14 By : T.S.

**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.

*Stan Drannon* 10/1/14  
**STAN DRANNON** OK LPLS 1672

