

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

API NUMBER: 121 24748

Approval Date: 04/16/2015
Expiration Date: 10/16/2015

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 17 Twp: 7N Rge: 17E County: PITTSBURG
SPOT LOCATION: SE SE SW SW FEET FROM QUARTER: FROM SOUTH FROM WEST
SECTION LINES: 310 1285

Lease Name: TONYA Well No: 3-20H Well will be 310 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

JIMMY & EARLENE DAVENPORT
16007 E ST HWY 31
QUINTON OK 74561

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

Name	Depth	Name	Depth
1 WOODFORD	8100	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 584581 Location Exception Orders: 638461 Increased Density Orders: 637615

Pending CD Numbers:

Special Orders:

Total Depth: 13683 Ground Elevation: 677 Surface Casing: 500 Depth to base of Treatable Water-Bearing FM: 160

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 20 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: 780

Depth of Deviation: 7678

Radius of Turn: 422

Direction: 183

Total Length: 5342

Measured Total Depth: 13683

True Vertical Depth: 8100

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

Notes:

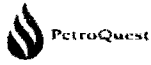
Category	Description
DEEP SURFACE CASING	4/16/2015 - G71 - APPROVED CONTINGENT ON NOTIFYING OCC FIELD STAFF IMMEDIATELY OF ANY LOSS OF CIRCULATION OR FAILURE TO CIRCULATE CEMENT TO SURFACE ON ANY CONDUCTOR OR SURFACE CASING
INCREASED DENSITY - 637615	4/16/2015 - G76 - 20-7N-17E X584581 WDFD 2 WELLS PETROQUEST ENERGY, L.L.C. 3/10/2015

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Category	Description
LOCATION EXCEPTION - 638461	4/16/2015 - G76 - (I.O.) 20-7N-17E X584581 WDFD, OTHERS SHL NCT 225 FSL, NCT 1400 FEL 17-7N-17E 1ST PERF NCT 165 FNL, NCT 330 FWL LAST PERF NCT 165 FSL, NCT 330 FWL PETROQUEST ENERGY, L.L.C. 3/31/2015
MEMO	4/16/2015 - G71 - PITS 2 & 3 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, PIT 3 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT
SPACING - 584581	4/16/2015 - G76 - (640) 20-7N-17E VAC OTHER EXT 576651 WDFD, OTHERS EXT OTHER

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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.

API- 121-24748

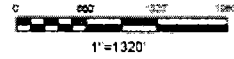


Well Location Plat

H.L. Sec. 17-7N-17E I.M.
H.L. Sec. 20-7N-17E I.M.

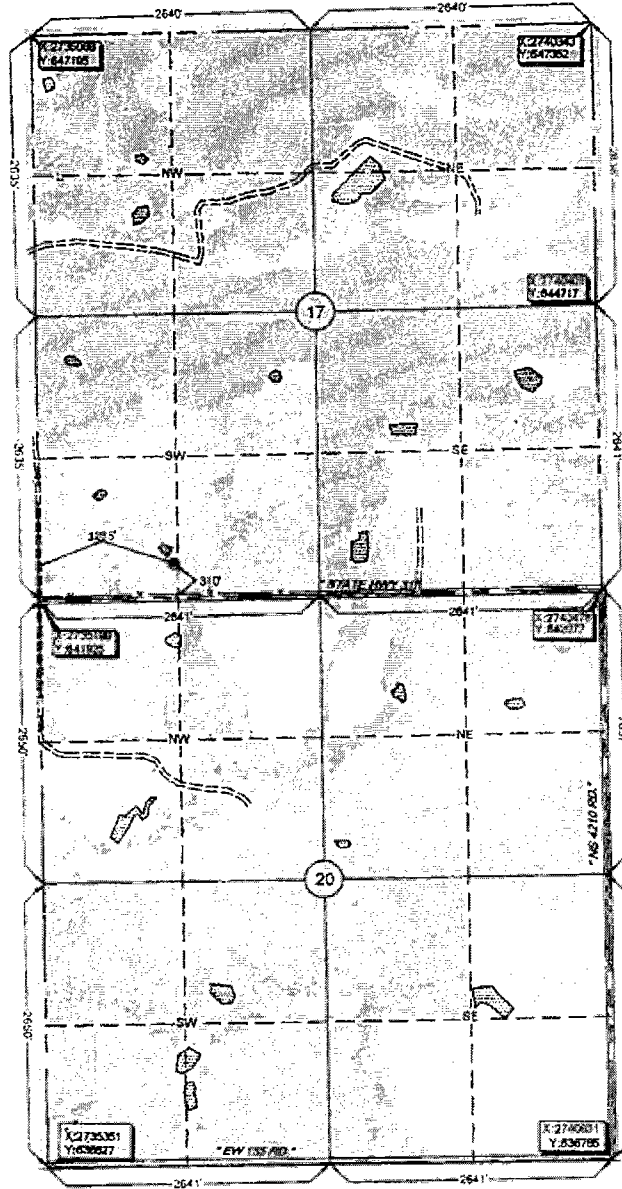
Operator: PETROQUEST ENERGY, LLC
Lease Name and No. TONYA #3-20H
Footage: 310' FSL - 1285' FWL GR. ELEVATION: 677' Good Site? YES
Section: 17 Township: 7N Range: 17E I.M.
County: PITTSBURG State of Oklahoma
Alternate Loc.: N/A
Terrain at Loc.: Location fell in open hay pasture, 250' North of E-W R/W Fence

Accessibility: From the South
Directions: From the Blocker Store in Blocker, OK, go 2.0 miles North on State Highway 31 to the Southwest Corner of Section 17-7N-17E



GPS DATUM
NAD - 27
OK SOUTH ZONE

Surface Hole Loc.
Lat. 35°04'24.74"N
Lon: 95°32'18.73"W
X: 2736475
Y: 642272



Corner Section distances may be assumed from a Government Survey Plat or assumed at a proportional distance from opposite section corners or section lines, and may not have been measured on-the-ground and further, does not represent a true boundary survey.

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.

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.

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 #5058-A-A
Date Staked: 01/15/15 By: Z.D.
Date Drawn: 01/20/15 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 01/21/15
STAN DRANNON OK LPLS 1672

