

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

API NUMBER: 121 24737

Approval Date: 03/12/2015

Expiration Date: 09/12/2015

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 15 Twp: 7N Rge: 17E

County: PITTSBURG

SPOT LOCATION: ☐ SE ☐ NE ☐ SE ☐ SW

FEET FROM QUARTER: FROM SOUTH FROM WEST

SECTION LINES: 875 2383

Lease Name: STENNER

Well No: 3-15H

Well will be 875 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

DALTON & JUANITA SPICER
18701 E. STATE HWY 31
QUINTON OK 74561

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

	Name	Depth	Name	Depth
1	WOODFORD	8125	6	
2			7	
3			8	
4			9	
5			10	

Spacing Orders: 587600

Location Exception Orders: 637627

Increased Density Orders: 637625

Pending CD Numbers:

Special Orders:

Total Depth: 13943

Ground Elevation: 646

Surface Casing: 1500

Depth to base of Treatable Water-Bearing FM: 120

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 ALLUVIAL

Pit Location Formation: ALLUVIUM

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 located in a Hydrologically Sensitive Area.

Category of Pit: C

Liner not required for Category: C

Pit Location is ALLUVIAL

Pit Location Formation: ALLUVIUM

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 located in a Hydrologically Sensitive Area.

Category of Pit: C

Liner not required for Category: C

Pit Location is ALLUVIAL

Pit Location Formation: ALLUVIUM

HORIZONTAL HOLE 1

Sec 15 Twp 7N Rge 17E County PITTSBURG

Spot Location of End Point: NW NE NW NW

Feet From: NORTH 1/4 Section Line: 1

Feet From: WEST 1/4 Section Line: 911

Depth of Deviation: 8665

Radius of Turn: 589

Direction: 348

Total Length: 4353

Measured Total Depth: 13943

True Vertical Depth: 8125

End Point Location from Lease,

Unit, or Property Line: 1

Notes:

Category

Description

DEEP SURFACE CASING

3/10/2015 - 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 - 637625

3/12/2015 - G76 - 15-7N-17E
X587600 WDFD
2 WELLS
PETROQUEST ENERGY, L.L.C.
3/10/2015

This permit does not address the right of entry or settlement of surface damages.

121 24737 STENNER 3-15H

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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.

Category	Description
LOCATION EXCEPTION - 637627	3/12/2015 - G76 - (I.O.) 15-7N-17E X587600 WDFD, OTHERS SHL NCT 800 FSL, NCT 2000 FWL 1ST PERF NCT 165 FNL, NCT 330 FWL LAST PERF NCT 165 FSL, NCT 330 FWL PETROQUEST ENERGY, L.L.C. 3/10/2015
MEMO	3/10/2015 - G71 - PITS 2 & 3 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, PIT 3 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT
SPACING - 587600	3/12/2015 - G76 - (640) 15-7N-17E VAC OTHERS EXT OTHERS EXT 576651 WDFD, OTHERS

API-121-24737



PetroQuest

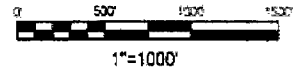
Well Location Plat

Sec. 15-7N-17E I.M.

Operator: PETROQUEST ENERGY, LLC
 Lease Name and No.: STENNER #3-15H
 Footage: 875' FSL - 2383' FWL GR. ELEVATION: 646' Good Site? YES
 Section: 15 Township: 7N Range: 17E I.M.
 County: Pittsburg State of Oklahoma
 Alternate Loc.: N/A
 Terrain at Loc.: Location fell in open pasture.

Accessibility: From the East.

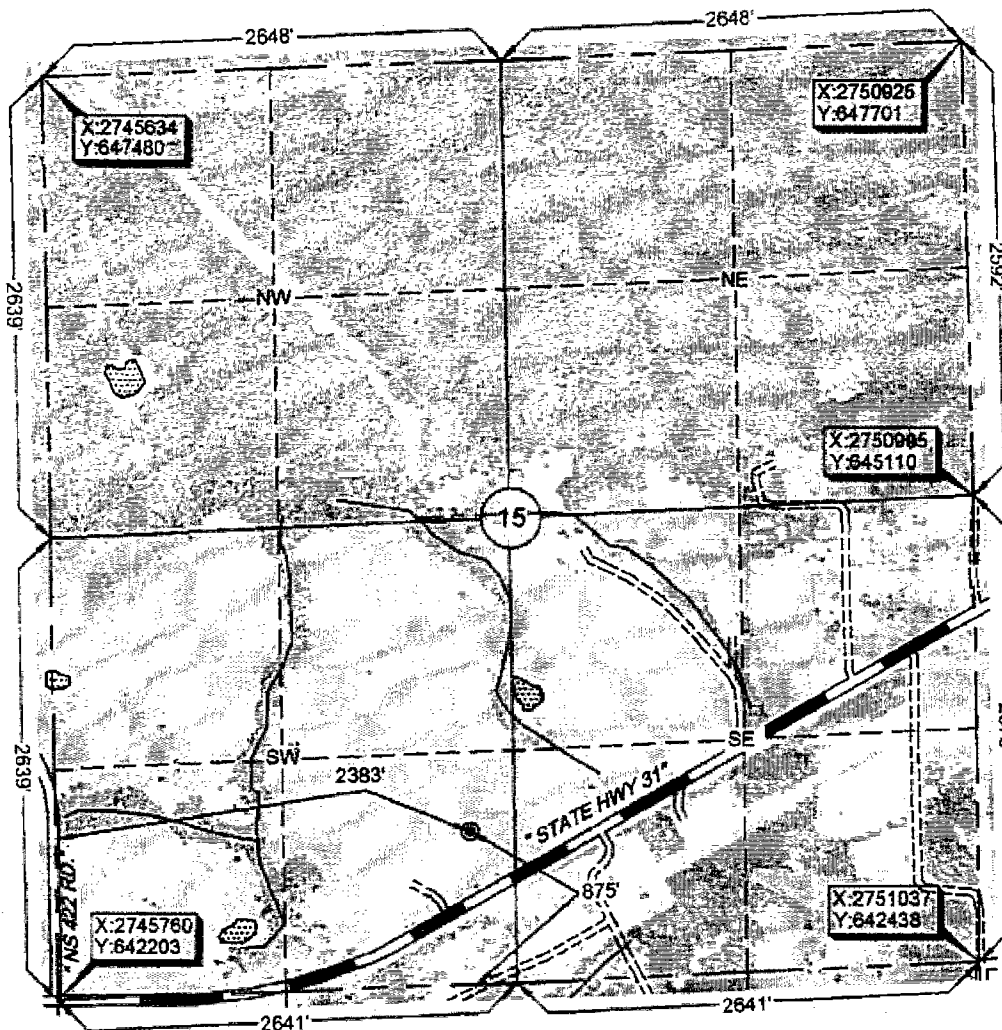
Directions: From the intersection of "State Hwy 31" and "NS 423 RD" in Featherston, go Southwest on "Hwy 31" for ±1 mile to the Southwest Corner of Section 15-7N-17E.



GPS DATUM
 NAD - 27
 OK SOUTH ZONE

Surface Hole Loc.:
 Lat: 35°04'30.92"N
 Lon: 95°29'58.39"W
 X: 2748121
 Y: 643184

Quarter Section distances may be assumed from a Government Survey Plat or assumed at a proportionate distance from adjoining section corners, or occupation thereof, and may not have been measured on-the-ground, and further, does not represent a true boundary survey.



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.

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 #5077-C
 Date Staked 11/11/14 By: ZD
 Date Drawn: 02/17/15 By: RS

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

OK LPLS 1672

