

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

API NUMBER: 017 25179 A

Approval Date: 01/10/2019

Expiration Date: 07/10/2020

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 04 Twp: 11N Rge: 6W

County: CANADIAN

SPOT LOCATION:

FEET FROM QUARTER: FROM SOUTH FROM WEST

SECTION LINES: 285 335

Lease Name: GRIT 4-11-6

Well No: 4H

Well will be 285 feet from nearest unit or lease boundary.

Operator Name: JONES ENERGY LLC

Telephone: 5123282953

OTC/OCC Number: 21043 0

JONES ENERGY LLC
807 LAS CIMAS PKWY STE 350
AUSTIN, TX 78746-6193

LEO THOMAS SCOTT III
16709 SOUTHWEST 15TH STREET
EL RENO OK 73036

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

| | Name | Depth | Name | Depth |
|---|---------------|-------|------|-------|
| 1 | MISSISSIPPIAN | 8999 | 6 | |
| 2 | WOODFORD | 9326 | 7 | |
| 3 | HUNTON | 9441 | 8 | |
| 4 | | | 9 | |
| 5 | | | 10 | |

Spacing Orders: 665588

Location Exception Orders: 675142

Increased Density Orders: 674691

Pending CD Numbers:

Special Orders:

Total Depth: 13886

Ground Elevation: 1350

Surface Casing: 1500

Depth to base of Treatable Water-Bearing FM: 470

Under Federal Jurisdiction: No

Fresh Water Supply Well Drilled: No

Surface Water used to Drill: Yes

PIT 1 INFORMATION

Approved Method for disposal of Drilling Fluids:

Type of Pit System: CLOSED Closed System Means Steel Pits

Type of Mud System: WATER BASED

Chlorides Max: 5000 Average: 3000

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 AP/TE DEPOSIT

Pit Location Formation: TERRACE

D. One time land application -- (REQUIRES PERMIT)

PERMIT NO: 18-35811

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: 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 AP/TE DEPOSIT

Pit Location Formation: TERRACE

HORIZONTAL HOLE 1

Sec 04 Twp 11N Rge 6W County CANADIAN

Spot Location of End Point: N2 NE NE NW

Feet From: NORTH 1/4 Section Line: 165

Feet From: WEST 1/4 Section Line: 2310

Depth of Deviation: 8749

Radius of Turn: 477

Direction: 15

Total Length: 4388

Measured Total Depth: 13886

True Vertical Depth: 9441

End Point Location from Lease,
Unit, or Property Line: 165

Notes:

Category

Description

DEEP SURFACE CASING

11/26/2018 - G71 - APPROVED; NOTIFY OCC FIELD INSPECTOR IMMEDIATELY OF ANY LOSS OF CIRCULATION OR FAILURE TO CIRCULATE CEMENT TO SURFACE ON ANY CONDUCTOR OR SURFACE CASING

HYDRAULIC FRACTURING

11/26/2018 - G71 - OCC 165:10-3-10 REQUIRES:

1) PRIOR TO COMMENCEMENT OF HYDRAULIC FRACTURING OPERATIONS FOR HORIZONTAL WELLS, NOTICE GIVEN FIVE BUSINESS DAYS IN ADVANCE TO OFFSET OPERATORS WITH WELLS COMPLETED IN THE SAME COMMON SOURCE OF SUPPLY WITHIN 1/2 MILE;

2) WITH NOTICE ALSO GIVEN 48 HOURS IN ADVANCE OF HYDRAULIC FRACTURING ALL WELLS TO BOTH THE OCC CENTRAL OFFICE AND LOCAL DISTRICT OFFICES, USING THE "FRAC NOTICE FORM" FOUND AT THE FOLLOWING LINK: OCCEWEB.COM/OG/OGFORMS.HTML; AND,

3) THE CHEMICAL DISCLOSURE OF HYDRAULIC FRACTURING INGREDIENTS FOR ALL WELLS TO BE REPORTED TO FRACFOCUS WITHIN 60 DAYS AFTER THE CONCLUSION THE HYDRAULIC FRACTURING OPERATIONS, USING THE FOLLOWING LINK: FRACFOCUS.ORG

INCREASED DENSITY - 674691

1/10/2019 - G56 - 4-11N-6W
X665588 MSSP
5 WELLS JONES ENERGY, LLC
3/14/2018

LOCATION EXCEPTION - 675142

1/10/2019 - G56 - (I.O.) 4-11N-6W
X665588 MSSP, WDFD, HNTN
COMPL INT NCT 165' FSL, NCT 165' FNL, NCT 2310' FWL
JONES ENERGY, LLC
3/26/2018

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

017 25179 GRIT 4-11-6 4H

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 |
|------------------|---|
| MEMO | 11/26/2018 - G71 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, PIT 2 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT |
| SPACING - 665588 | 1/10/2019 - G56 - (640)(HOR) 4-11N-6W EST MSSP, WDFD, HNTN COMPL INT (MSSP, HNTN) NLT 660' FB COMPL INT (WDFD) NLT 165' FNL/FSL, NLT 330' FEL/FWL (COEXIST WITH SP # 141293 MSSP, HNTN; SP # 141778 MSSP, HNTN) |

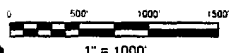
JONES Well Location Plat

Sec. 4-11N-6W I.M.

Operator: JONES ENERGY, LTD.
Lease Name and No.: GRIT 4-11-6 4H
Footage: 285' FSL - 335' FWL GR. ELEVATION: 1350'
Section: 4 Township: 11N Range: 6W I.M.
County: Canadian State of Oklahoma
Terrain at Loc.: Location fell in an open, flat cultivated field ± 210' North of E-W drain.

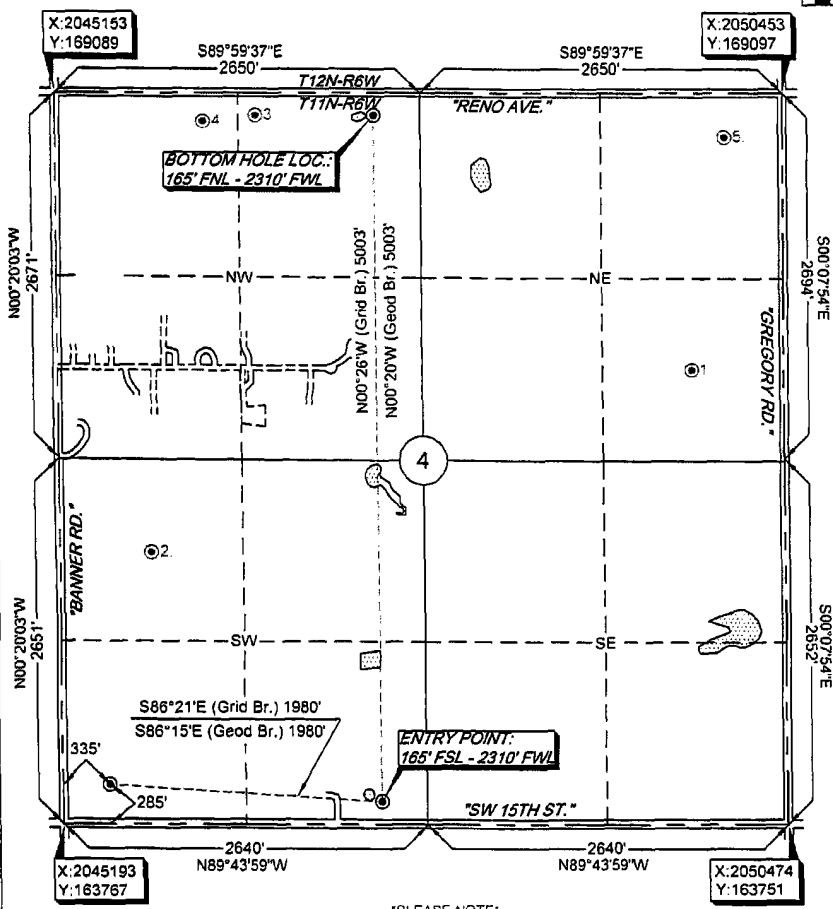


All bearings shown are geodetic bearings unless noted



GPS DATUM
NAD 27
OK NORTH ZONE

Surface Hole Loc.:
Lat: 35°27'02.08"N
Lon: 97°50'49.77"W
X: 2045526
Y: 164051
Entry Point:
Lat: 35°27'00.80"N
Lon: 97°50'25.89"W
X: 2047502
Y: 163925
Bottom Hole Loc.:
Lat: 35°27'50.27"N
Lon: 97°50'26.24"W
X: 2047465
Y: 168927



*PLEASE NOTE:
EXISTING WELL DATA SHOWN HEREON WAS
FURNISHED FROM THE OCC WEBSITE AND WAS NOT
SURVEYED OR VERIFIED ON THE GROUND

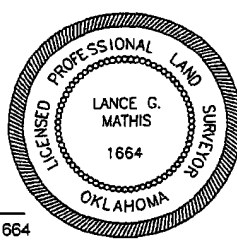
| | | |
|---|--|--|
| 1. SAMEDAN OIL CORPORATION HARDESTY 1 660' FSL - 1980' FWL (NE/4) OCC STATUS: PA | 2. RB OPERATING COMPANY RATCLIFF 1 1980' FSL - 660' FWL (SW/4) OCC STATUS: PA | 3. MARATHON OIL COMPANY ANDERSON 1206 1-33WH 165' FNL - 1450' FWL (NW/4) OCC STATUS: AC |
| 4. MARATHON OIL COMPANY GUTIERREZ 1206 1-33MH 208' FNL - 1069' FWL (NW/4) OCC STATUS: AC | 5. JONES ENERGY LLC GARRETT 4-11-6 1H 325' FNL - 420' FEL (NE/4) OCC STATUS: AC | |

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. 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. 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 warranted. Please contact Arkoma Surveying and Mapping promptly if any inconsistency is determined. GPS data is observed from NTRIP - 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, 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
LANCE G. MATHIS 12/05/17
OK LPLS 1664



Invoice #7262-A-D
Date Staked: 11/27/17 By: C.K.
Date Drawn: 11/30/17 By: P.B.