

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

API NUMBER: 017 25178

Approval Date: 02/20/2018

Expiration Date: 08/20/2018

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: 285 315

Lease Name: GRIT 4-11-6

Well No: 3H

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 SW 15TH STREET
EL RENO OK 73036

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

	Name	Depth	Name	Depth
1	MISSISSIPPIAN	9019	6	
2	WOODFORD	9346	7	
3	HUNTON	9461	8	
4			9	
5			10	

Spacing Orders: 667683

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201708273
201800233

Special Orders:

Total Depth: 14046

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: 18-33754

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 NW NE NW

Feet From: NORTH 1/4 Section Line: 165

Feet From: WEST 1/4 Section Line: 1650

Depth of Deviation: 8447

Radius of Turn: 382

Direction: 25

Total Length: 4999

Measured Total Depth: 14046

True Vertical Depth: 9461

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

Notes:

Category

Description

DEEP SURFACE CASING

2/13/2018 - 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

2/13/2018 - 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

MEMO

2/13/2018 - G71 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, PIT 2 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT

PENDING CD - 201708273

2/14/2018 - G57 - (I.O.) 4-11N-6W
X665588 MSSP, WDFD, HNTN
SHL NCT 285' FSL, NCT 315' FWL
COMPL. INT. NCT 165' FSL, NCT 165' FNL, NCT 1650' FWL
NO OP. NAMED
REC 1-29-2018 (P. PORTER)

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.

017 25178 GRIT 4-11-6 3H

Category	Description
PENDING CD - 201800233	2/14/2018 - G57 - (I.O.) 4-11N-6W X665588 MSSP 5 WELLS NO OP. NAMED REC 1-29-2018 (P. PORTER)
SPACING - 665588	2/14/2018 - G57 - (640)(HOR) 4-11N-6W EXT 652445 MSSP, WDFD, HNTN POE TO BHL (MSSP, HNTN) NCT 660' FB POE TO BHL (WDFD) NCT 165' FNL & FSL, NCT 330' FEL & FWL (COEXIST SP. ORDER #141293 & 141778 MISS, HNTN)

JONES Well Location Plat

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

Operator: JONES ENERGY, LTD.

Lease Name and No.: GRIT 4-11-6 3H

API: 017 25178

Footage: 285' FSL - 315' 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 \pm 210' North of E-W drain.



All bearings shown
are geodetic bearings
unless noted

0' 500' 1000' 1500'

1" = 1000'

GPS DATUM

NAD 27

OK NORTH ZONE

Surface Hole Loc.:

Lat: 35°27'02.08"N

Lon: 97°50'50.01"W

X: 2045506

Y: 164051

Entry Point:

Lat: 35°27'00.83"N

Lon: 97°50'33.87"W

X: 2046842

Y: 163927

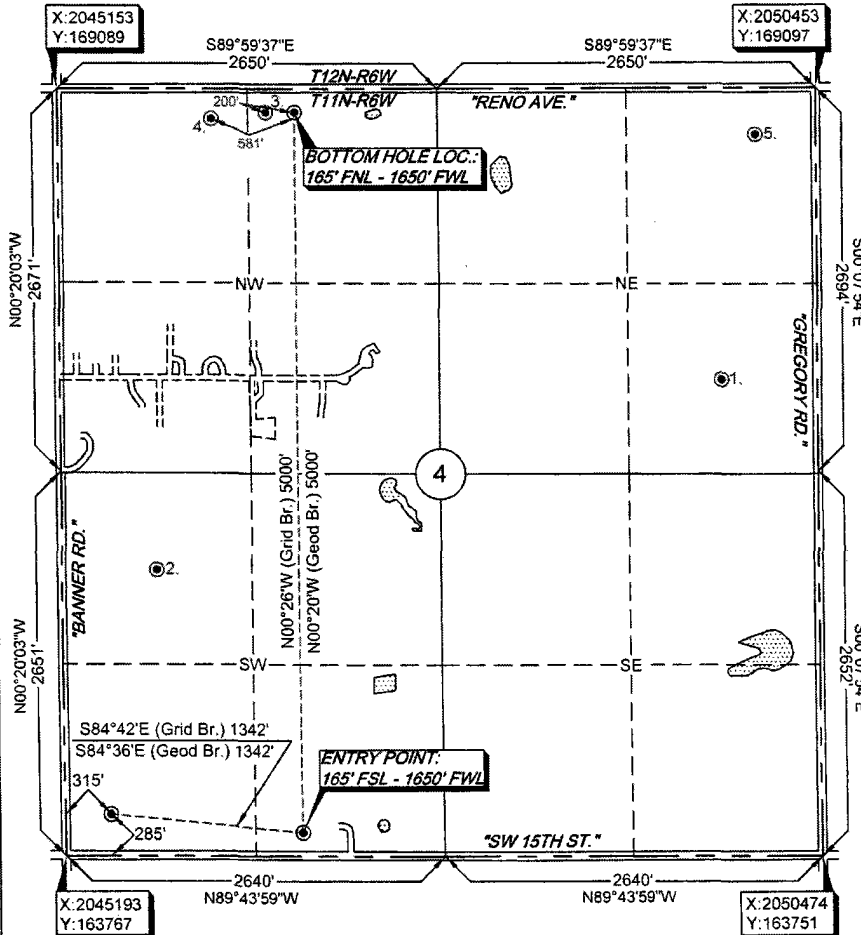
Bottom Hole Loc.:

Lat: 35°27'50.28"N

Lon: 97°50'34.22"W

X: 2046805

Y: 168926



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' FSL - 1450' FWL (NW/4)
OCC STATUS: AC

4. MARATHON OIL COMPANY
GUTIERREZ 1206 1-33MH
208' FSL - 1069' FWL (NW/4)
OCC STATUS: AC

5. JONES ENERGY LLC
GARRETT 4-11-6 1H
325' FSL - 420' FWL (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 opposing 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 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, 2018.

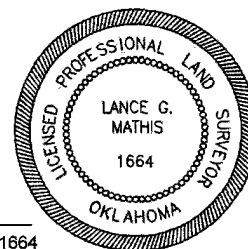
Certification:

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-C

Date Staked: 11/27/17

By: C.K.

Date Drawn: 11/30/17

By: P.B.