

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

API NUMBER: 017 25074

Approval Date: 09/20/2017
Expiration Date: 03/20/2018

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 32 Twp: 12N Rge: 6W

County: CANADIAN

SPOT LOCATION: SE SW SW SW

FEET FROM QUARTER: FROM SOUTH FROM WEST

SECTION LINES: 290 420

Lease Name: BONE 32-12-6

Well No: 2H

Well will be 290 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

JEFFREY M AND MARY JANE BONE
8615 EAST RENO AVENUE
EL RENO OK 73036

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

	Name	Depth	Name	Depth
1	MISSISSIPPIAN	9055	6	
2	WOODFORD	9330	7	
3			8	
4			9	
5			10	

Spacing Orders: No Spacing

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201701551
201704997
201705763
201705762

Special Orders:

Total Depth: 13920

Ground Elevation: 1328

Surface Casing: 1500

Depth to base of Treatable Water-Bearing FM: 480

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 BED AQUIFER

Pit Location Formation: DUNCAN

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

PERMIT NO: 17-33086

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 BED AQUIFER

Pit Location Formation: DUNCAN

HORIZONTAL HOLE 1

Sec 32 Twp 12N Rge 6W County CANADIAN

Spot Location of End Point: NE NE NW NW

Feet From: NORTH 1/4 Section Line: 165

Feet From: WEST 1/4 Section Line: 1200

Depth of Deviation: 8783

Radius of Turn: 477

Direction: 5

Total Length: 4388

Measured Total Depth: 13920

True Vertical Depth: 9330

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

Notes:

Category

Description

DEEP SURFACE CASING

9/7/2017 - 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

9/7/2017 - 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

9/7/2017 - G71 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, PIT 2 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT

PENDING CD - 201704997

9/13/2017 - G64 - (E.O.)(640)(HOR) 32-12N-6W
VAC OTHER
EXT 633763 MSSP, WDFD, OTHER
POE TO BHL (MSSP) NLT 660' FB
POE TO BHL (WDFD) NLT 165' FNL & FSL, NLT 330' FEL & FWL
(COEXIST SP. ORDER 142931 MISS)
JONES ENERGY, LLC
REC. 9-12-2017 (THOMAS)

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
PENDING CD - 201705762	9/13/2017 - G64 - 32-12N-6W X201704997 WDFD 1 WELL NO OP. NAMED REC. 9-19-2017 (MILLER)
PENDING CD - 201705763	9/13/2017 - G64 - (I.O.) 32-12N-6W X201704779 MSSP, WDFD, OTHER COMPL. INT. NCT 165' FSL, NCT 165' FNL, NCT 1200' FWL NO OP. NAMED REC. 9-19-2017 (MILLER)

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.

JONES Well Location Plat

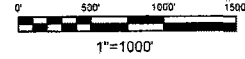
Sec. 32-12N-6W I.M.

Operator: JONES ENERGY, LTD.
 Lease Name and No. : BONE 32-12-6 2H
 Footage : 290' FSL - 420' FWL GR. ELEVATION : 1328'
 Section: 32 Township: 12N Range: 6W I.M.
 County : Canadian State of Oklahoma
 Terrain at Loc. : Location fell in flat open hay field.

API: 017 25074



ALL BEARINGS
 SHOWN HEREON ARE
 GEODETIC UNLESS
 OTHERWISE NOTED

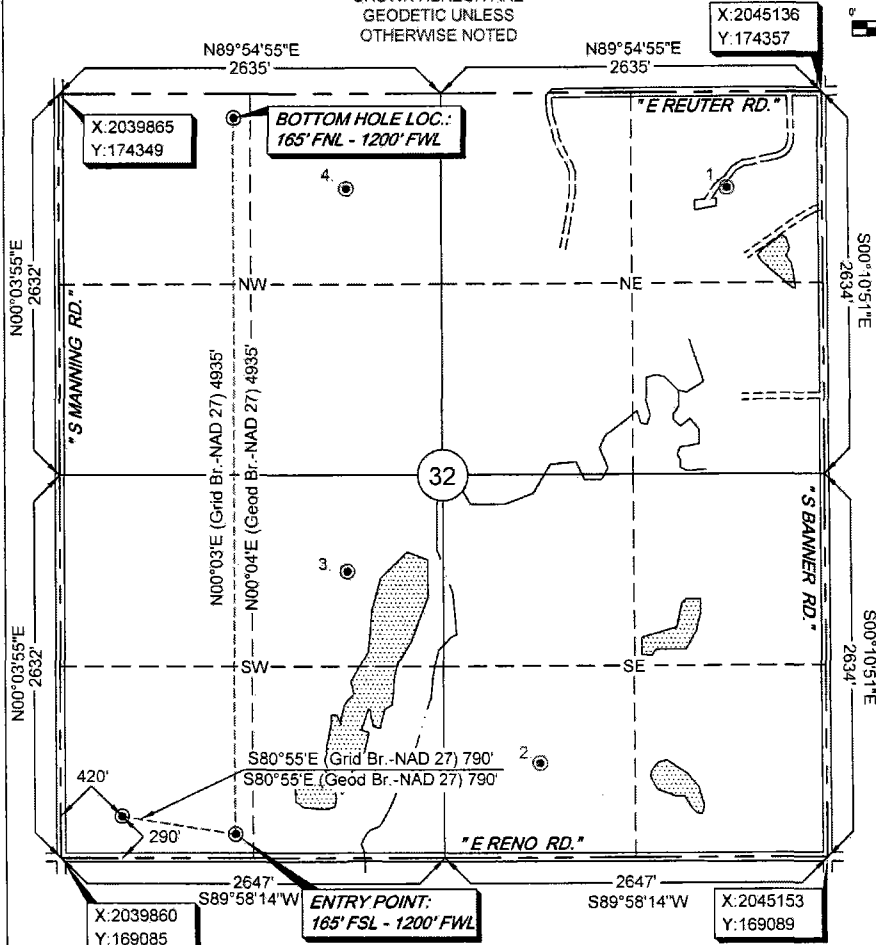


GPS DATUM
 NAD 27
 OK NORTH ZONE

Surface Hole Loc.:
 Lat: 35°27'54.82"N
 Lon: 97°51'53.08"W
 X: 2040281
 Y: 169376

Entry Point:
 Lat: 35°27'53.57"N
 Lon: 97°51'43.65"W
 X: 2041061
 Y: 169251

Bottom Hole Loc.:
 Lat: 35°28'42.38"N
 Lon: 97°51'43.51"W
 X: 2041065
 Y: 174186



PLEASE NOTE

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

1. HINKLE OIL & GAS INC. <i>MANN 1</i> 1980' FSL - 1980' FWL (NE/4) OCC STATUS: AC	2. OTC/OCC N/A <i>STERRETT 1</i> 660' FSL - 1980' FEL (SE/4) OCC STATUS: PA
3. JONES ENERGY LLC <i>WEAVER 1</i> 1980' FSL - 1980' FWL (SW/4) OCC STATUS: PA	4. UNITED OIL CORPORATION <i>BORNEMAN 1</i> 1980' FSL - 1980' FWL (NW/4) OCC STATUS: PA

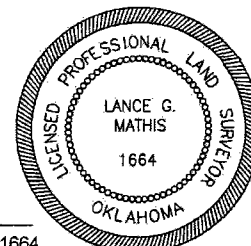
NOTE: X and Y data shown hereon for Section Corners may NOT have been surveyed on-the-ground, and further, does NOT represent a true Boundary Survey. Quarter Section distances may be assumed from a Government Survey Plat or assumed at a proportionate distance from opposing section corners, or occupation 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.



Invoice #7235-B
 Date Staked: 07/27/17 By: J.L.
 Date Drawn: 08/01/17 By: K.B.
 Add Entry Point & BHL: 08/03/17 By: K.B.

Lance G. Mathis 08/04/17
 LANCE G. MATHIS OK LPLS 1664