

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

Approval Date: 06/03/2019  
Expiration Date: 12/03/2020

API NUMBER: 017 25467

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 06 Twp: 12N Rge: 7W

County: CANADIAN

SPOT LOCATION: ☐ SE ☐ NE ☐ SE ☐ SW

FEET FROM QUARTER: FROM SOUTH FROM WEST

SECTION LINES: 850 2344

Lease Name: PHOENIX 7-12-7

Well No: 1WH

Well will be 850 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

JONES ENERGY  
SUITE 350  
807 LAS CIMAS PARKWAY  
AUSTIN TX 78746

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

Name	Depth	Name	Depth
1 WOODFORD	10396	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: No Spacing

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201902665  
201902666

Special Orders:

Total Depth: 16556

Ground Elevation: 1348

Surface Casing: 1500

Depth to base of Treatable Water-Bearing FM: 310

Under Federal Jurisdiction: No

Fresh Water Supply Well Drilled: No

Surface Water used to Drill: Yes

PIT 1 INFORMATION

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 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: BLAINE

Approved Method for disposal of Drilling Fluids:

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

PERMIT NO: 18-35620

H. SEE MEMO

Cancel Permit  
Per operator  
6/12/2019 CKL

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 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: BLAINE

## HORIZONTAL HOLE 1

Sec 07 Twp 12N Rge 7W County CANADIAN

Spot Location of End Point: SE SW SW SE

Feet From: SOUTH 1/4 Section Line: 165

Feet From: EAST 1/4 Section Line: 2250

Depth of Deviation: 10206

Radius of Turn: 900

Direction: 177

Total Length: 4936

Measured Total Depth: 16556

True Vertical Depth: 10591

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

### Notes:

#### Category

#### Description

#### COMPLETION INTERVAL

5/31/2019 - G56 - COMPLETION INTERVAL IN THE WOODFORD FORMATION WILL BE NCT 165' FNL/FSL, NCT 330' FEL/FWL PER OPERATOR

#### DEEP SURFACE CASING

2/15/2019 - 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

2/15/2019 - 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](http://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](http://FRACFOCUS.ORG)

#### MEMO

2/15/2019 - G71 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, PIT 2 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT

#### PENDING CD - 201902665

5/31/2019 - G56 - (320)(HOR) E2 7-12N-7W  
EST WDFD, OTHERS  
COMPL INT (WDFD) NCT 165' FNL/FSL, NCT 330' FEL/FWL  
REC 5/28/2019 (MOORE)

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 25467 PHOENIX 7-12-7 1WH

Category

Description

WATERSHED STRUCTURE

6/3/2019 - G56 - WELL WITHIN 1/2 MILE OF AN OKLAHOMA CONSERVATION COMMISSION WATERSHED STRUCTURE. CONTACT THE LOCAL CONSERVATION DISTRICT OFFICE AT (405) 224-0523 PRIOR TO DRILLING

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.

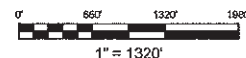
# JONES ENERGY Well Location Plat

S.H.L. Sec. 6-12N-7W I.M.  
B.H.L. Sec. 7-12N-7W I.M.

Operator: JONES ENERGY, LTD.  
Lease Name and No.: PHOENIX 7-12-7 1WH  
Footage: 850' FSL - 2344' FWL Gr. Elevation: 1348'  
Section: 6 Township: 12N Range: 7W I.M.  
County: Canadian State of Oklahoma  
Terrain at Loc.: Location fell in flat open pasture.



All bearings shown  
are geodetic bearings  
unless noted.



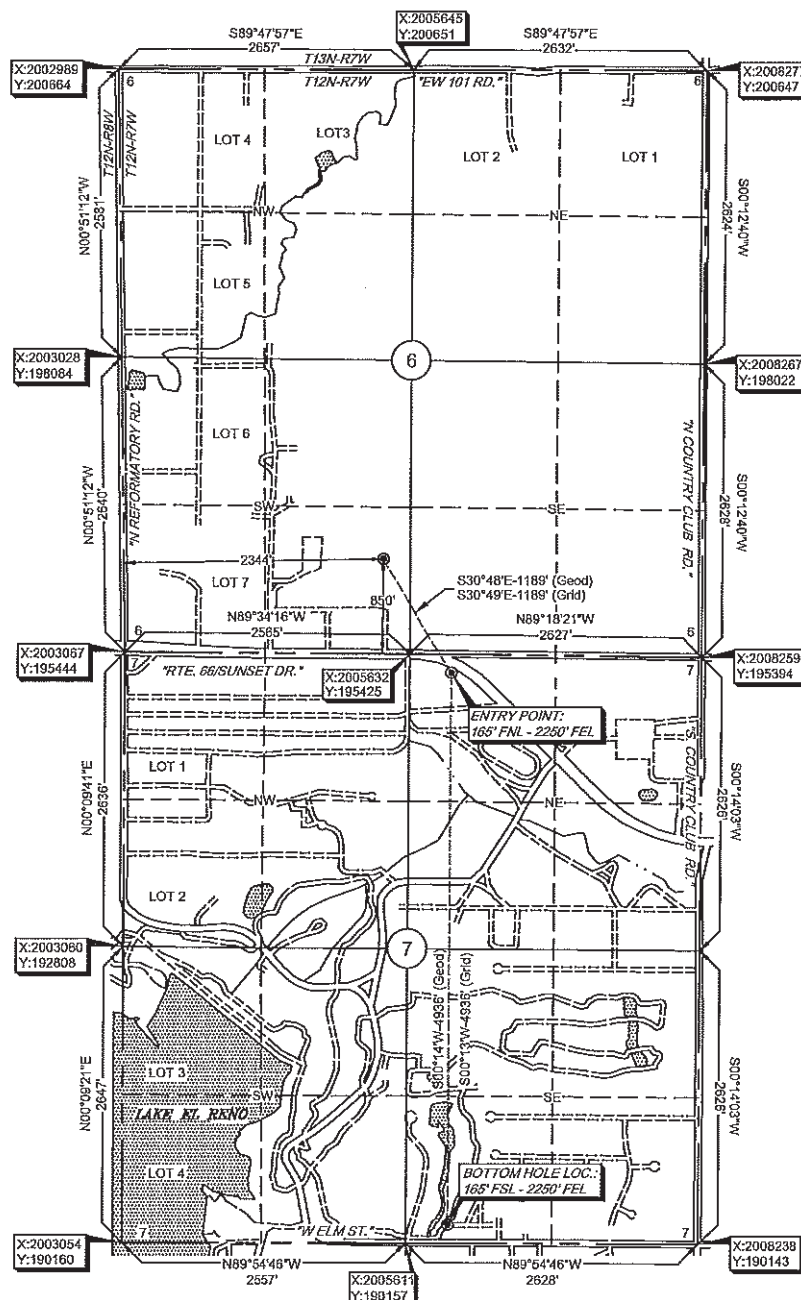
GPS DATUM  
NAD 27  
OK NORTH ZONE

Surface Hole Loc.:  
Lat: 35°32'21.14"N  
Lon: 97°58'54.67"W  
Lat: 35.53920602  
Lon: -97.98185260  
X: 2005399  
Y: 196277

Entry Point:  
Lat: 35°32'11.04"N  
Lon: 97°58'47.30"W  
Lat: 35.53640072  
Lon: -97.97980642  
X: 2006008  
Y: 195256

Bottom Hole Loc.:  
Lat: 35°31'22.23"N  
Lon: 97°58'47.55"W  
Lat: 35.52284037  
Lon: -97.97987466  
X: 2005989  
Y: 190320

Please note that this location was marked on the ground under the supervision of a licensed professional land surveyor. The location of this survey is not guaranteed. Please contact Arlene's Surveying and Mapping, Inc. for more information. If any inaccuracy is determined, GPS data is obtained from RTK-GPS. If RTK-GPS is not available, X and Y data shown herein for Section Corners may NOT have been surveyed on-the-ground, and hence, does NOT represent a true boundary survey. Section corners are shown for reference only. The location of the well is shown as a point, and may not have been measured on-the-ground, and further, does not represent a true boundary survey.



Survey and plat by:  
Arkoma Surveying and Mapping, PLLC  
P.O. Box 238 Wiburton, OK 74578  
Ph. 918-465-5711 Fax 918-465-5030  
Certificate of Authorization No. 5348  
Expires June 30, 2020

Invoice #7768-C-A  
Date Staked: 12/11/18 By: D.K.  
Date Drawn: 12/13/18 By: E.W.  
Rev. LP & BHL: 05/08/19 By: C.K.

## 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

05/31/19

OK LPLS 1664

