

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

API NUMBER: 017 25206

Approval Date: 04/05/2018

Expiration Date: 10/05/2018

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 31 Twp: 12N Rge: 5W

County: CANADIAN

SPOT LOCATION:  SW  SE  SE  NW

FEET FROM QUARTER: FROM NORTH FROM WEST

SECTION LINES: 2340 2040

Lease Name: REMINGTON 31-6-12-5

Well No: 1HX

Well will be 2040 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

MATTHEW CHARLES MACH  
13600 NW 10TH STREET  
YUKON OK 73099

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

	Name	Depth	Name	Depth
1	MISSISSIPPIAN	8408	6	
2	WOODFORD	8633	7	
3			8	
4			9	
5			10	

Spacing Orders: 662308

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201801707  
201801714  
201708584  
201801709  
201801711  
201801712

Special Orders:

Total Depth: 16223

Ground Elevation: 1363

**Surface Casing: 1500**

Depth to base of Treatable Water-Bearing FM: 1330

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: 18-33740

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 06 Twp 11N Rge 5W County CANADIAN

Spot Location of End Point: SW SE SE SW

Feet From: SOUTH 1/4 Section Line: 165

Feet From: WEST 1/4 Section Line: 2200

Depth of Deviation: 7984

Radius of Turn: 477

Direction: 178

Total Length: 7490

Measured Total Depth: 16223

True Vertical Depth: 8673

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

Notes:

Category

Description

HYDRAULIC FRACTURING

3/2/2018 - G57 - HYDRAULIC FRACTURING

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

3/5/2018 - G71 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, PIT 2 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT

PENDING CD - 201708584

3/2/2018 - G57 - (640)(HOR) 6-11N-5W  
EXT 662308 MSSP, WDFD, HNTN  
POE TO BHL (MSSP, HNTN) NLT 660' FB  
POE TO BHL (WDFD) NLT 165' FNL & FSL, NLT 330' FEL & FWL  
(COEXIST WITH SP. ORDER 155618 MSSLM SE4 , 173191 MSSLM, WDFD NE4, 143482 MSSLM NW4, 150921/151640 MSSLM SW4)  
REC 1-22-2018 (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.

017 25206 REMINGTON 31-6-12-5 1HX

Category	Description
PENDING CD - 201801707	3/5/2018 - G57 - (E.O.) 31-12N-5W, 6-11N-5W EST MULTIUNIT HORIZONTAL WELL X662308 MSSP, WDFD 31-11N-5W X201708584 MSSP, WDFD 6-11N-5W (WDFD IS AN ADJACENT COMMON SOURCE OF SUPPLY TO MSSP) 66% 31-12N-5W 34% 6-11N-5W JONES ENERGY, LLC. REC 3-7-2018 (THOMAS)
PENDING CD - 201801709	3/5/2018 - G57 - (E.O.) 31-12N-5W, 6-11N-5W X662308 MSSP, WDFD, HNTN 31-12N-5W X201708584 MSSP, WDFD, HNTN 6-11N-5W SHL (31-12N-5W) 2340' FNL, 2040' FWL COMPL. INT. (31-12N-5W) NCT 2340' FNL, NCT 0' FSL, NCT 2200' FWL COMPL. INT. (6-11N-5W) NCT 0' FSL, 165', NCT 2200' FWL NO OP. NAMED REC 3-7-2018 (THOMAS)
PENDING CD - 201801711	3/5/2018 - G57 - (E.O.) 31-12N-5W X662308 MSSP, WDFD 2 WELLS NO OP. NAMED REC 3-7-2018 (THOMAS)
PENDING CD - 201801712	3/5/2018 - G57 - (I.O.) 31-12N-5W X165:10-3-28(C)(2)(B) MSSP (REMINGTON 31-6-12-5 1HX) MAY BE CLOSER THAN 600' TO THE GADWALL 31-30-12-5 1HX & STEJSKAL #3 NO OP. NAMED REC 4-2-2018 (NORRIS)
PENDING CD - 201801714	3/5/2018 - G57 - (E.O.) 6-11N-5W X201708584 MSSP, WDFD 2 WELLS NO OP. NAMED REC 3-7-2018 (THOMAS)
SPACING - 662308	3/2/2018 - G57 - (640)(HOR) 31-12N-6W EST MSSP, WDFD, HNTN POE TO BHL (MSSP, HNTN) NLT 660' FB POE TO BHL (WDFD) NLT 165' FNL & FSL, NLT 330' FEL & FWL (COEXIST WITH SP. ORDER #124017 MSSLM, HNTN)

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

S.H.L. Sec. 31-12N-5W I.M.  
B.H.L. Sec. 6-11N-5W I.M.

Operator: JONES ENERGY, LTD.

Lease Name and No.: REMINGTON 31-6-12-5 1HX

Footage: 2340' FNL - 2040' FWL Gr. Elevation: 1363'

Section: 31 Township: 12N Range: 5W I.M.

County: Canadian State of Oklahoma

Terrain at Loc.: Location fell on the existing "GADWALL" pad.

API: 017 25206



All bearings shown  
are geodetic bearings  
unless noted.



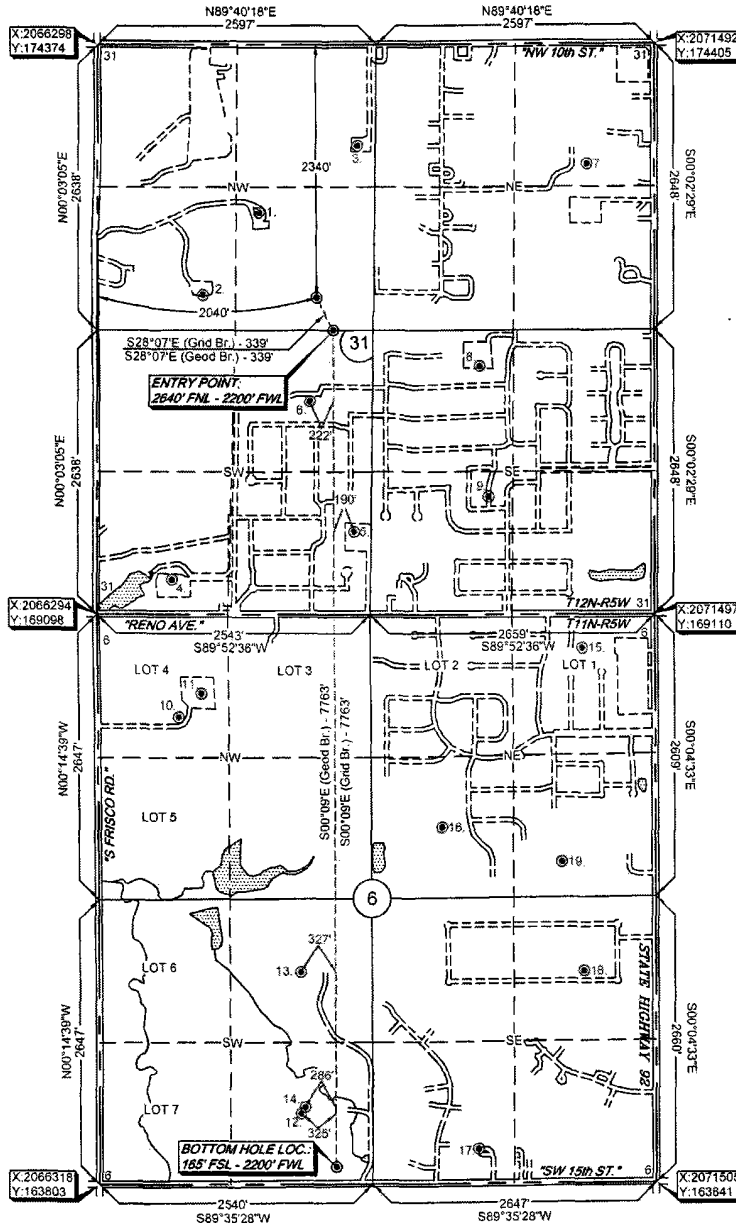
1" = 1320'

GPS DATUM  
NAD 27  
OK NORTH ZONE

Surface Hole Loc.:  
Lat: 35°28'19.76"N  
Lon: 97°39'53.01"W  
X: 2068336  
Y: 172046

Entry Point:  
Lat: 35°28'16.79"N  
Lon: 97°39'51.09"W  
X: 2068496  
Y: 171747

Bottom Hole Loc.:  
Lat: 35°27'00.02"N  
Lon: 97°39'51.17"W  
X: 2068517  
Y: 163984



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, PLLC for more information. GPS coordinates are shown for the surface hole location only. NOTE: X and Y data shown herein by Section Center may NOT have been surveyed on the ground, and further, does NOT represent a true boundary survey. The X and Y data shown herein are based on a true boundary survey conducted at a point of beginning, which formed part of the original survey. The X and Y data shown herein are based on the original survey, 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 Wilburton, OK 74578  
Ph. 918-465-5711 Fax 918-465-5030  
Certificate of Authorization No. 5348  
Expires June 30, 2018

Invoice #7100-B-A  
Date Staked: 11/17/17 By: J.L.  
Date Drawn: 11/22/17 By: J.H.

**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

11/28/17

OK LPLS 1664

