

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

API NUMBER: 051 24147

Approval Date: 05/16/2017
Expiration Date: 11/16/2017

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 19 Twp: 9N Rge: 6W

County: GRADY

SPOT LOCATION: SE SW SW SW

FEET FROM QUARTER: FROM SOUTH FROM WEST

SECTION LINES: 255 340

Lease Name: NOLA MAY SHAY 19-9-6

Well No: 1H

Well will be 255 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

NITA FAY VOIGT IRREVOCABLE TRUST
1401 STATE HWY 92
TUTTLE OK 73089

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

	Name	Depth	Name	Depth
1	MISSISSIPPIAN	11215	6	
2	WOODFORD	11613	7	
3			8	
4			9	
5			10	

Spacing Orders: No Spacing

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201603870
201701711
201701710

Special Orders:

Total Depth: 16306

Ground Elevation: 1267

Surface Casing: 1500

Depth to base of Treatable Water-Bearing FM: 390

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 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: DOG CREEK

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

PERMIT NO: 17-32279

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 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: DOG CREEK

HORIZONTAL HOLE 1

Sec 19 Twp 9N Rge 6W County GRADY

Spot Location of End Point: N2 NW NW NW

Feet From: NORTH 1/4 Section Line: 165

Feet From: WEST 1/4 Section Line: 330

Depth of Deviation: 11174

Radius of Turn: 477

Direction: 359

Total Length: 4383

Measured Total Depth: 16306

True Vertical Depth: 11654

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

Additional Surface Owner	Address	City, State, Zip
NITA FAY VOIGT AND MARCIE FAY		,
NITA FAY VOIGT AND MARCIE FAY		,

Notes:

Category

Description

DEEP SURFACE CASING

3/16/2017 - 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

EMERGENCIES

5/16/2017 - G60 - BOTH SPACINGS WERE RECOMMENDED ON AN EMERGENCY ORDER THEREFORE BOTH SPACINGS ARE REFERENCED IN THIS PERMIT

HYDRAULIC FRACTURING

3/16/2017 - G71 - OCC 165:10-3-10 REQUIRES: 1) THE CHEMICAL DISCLOSURE OF HYDRAULIC FRACTURING INGREDIENTS FOR ALL WELLS BE REPORTED TO FRACFOCUS USING THE FOLLOWING LINK [HTTP://FRACFOCUS.ORG/](http://fracfocus.org/) WITH NOTICE GIVEN 48 HOURS IN ADVANCE OF FRACTURING TO THE LOCAL OCC DISTRICT OFFICE; AND, 2) PRIOR TO COMMENCEMENT OF FRACTURING OPERATIONS FOR HORIZONTAL WELLS, NOTICE ALSO GIVEN FIVE BUSINESS DAYS IN ADVANCE TO OFFSET OPERATORS WITH WELLS COMPLETED IN THE SAME COMMON SOURCE OF SUPPLY WITHIN 1/2 MILE

MEMO

3/16/2017 - G71 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, PIT 2 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT

PENDING CD - 201701710

(E.O.)(640)(HOR) 19-9N-6W
VAC OTHER
VAC 160440 MSSLM
EXT 661429 MSSP, WDFD, OTHER
COMPL. INT. (MSSP) NCT 660' FB
COMPL. INT. (WDFD) NCT 165' FNL, NCT 165' FSL, NCT 330' FEL, NCT 330' FWL
REC. 5/12/17 (LEAVITT)

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.

051 24147 NOLA MAY SHAY 19-9-6 1H

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 - 201701711	5/12/2017 - G60 - (E.O.) 19-9N-6W X201701710 MSSP, WDFD X201603870 MSSP, WDFD COMPL. INT. NCT 165' FSL, NCT 165' FNL, NCT 330' FWL NOSLEY SCOOP, LLC, NOSLEY ACQUISITION LLC., JONES ENERGY, LLC. REC. 5/12/17 (LEAVITT)
SPACING - 201603870	3/17/2017 - G60 - (E.O.)(640)(HOR) 19-9N-6W VAC 160440 MSSLM VAC OTHER EXT 201603252 MSSP, WDFD, OTHER COMPL. INT. (MSSP) NCT 660' FB COMPL. INT. (WDFD) NCT 165' FNL, NCT 165' FSL, NCT 330' FEL, NCT 330' FWL REC. 5/12/17 (LEAVITT)

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.

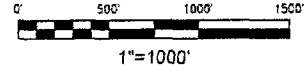
JONES

Well Location Plat

Sec. 19-9N-6W I.M.

Operator : JONES ENERGY, LTD.
 Lease Name and No. : NOLA MAY SHAY 19-9-6 1WH 3505124147
 Footage : 255' FSL - 340' FWL GR. ELEVATION : 1267' Good Site? YES
 Section : 19 Township : 9N Range : 6W I.M.
 County : Grady State of Oklahoma
 Alternate Loc. : N/A
 Terrain at Loc. : Location fell in an open, cultivated field.

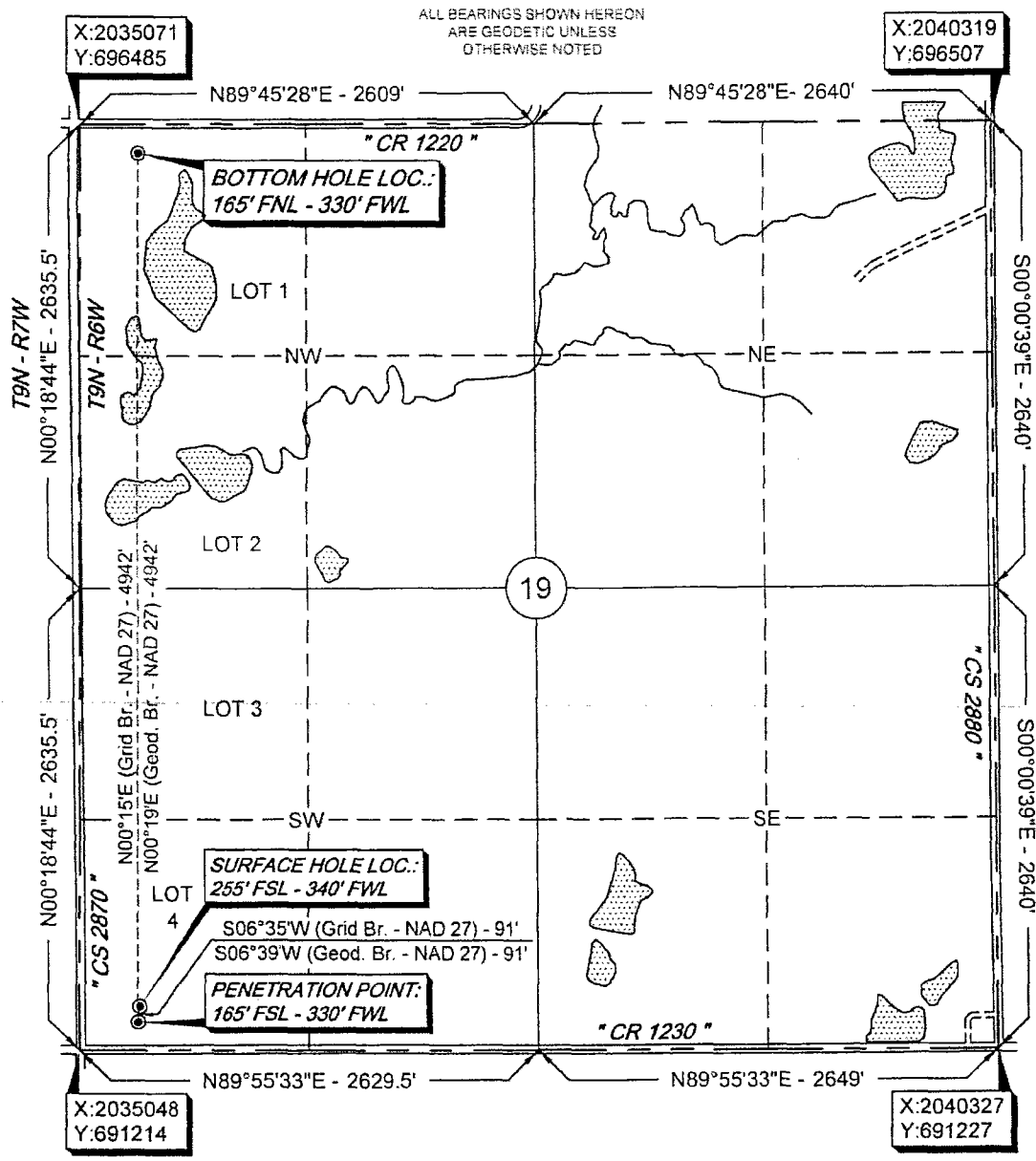
Accessibility : From the East.
 Directions : From the junction of State Hwy 37 & State Hwy 92 in Tuttle, OK, go 4.7 miles South on Hwy 92, go 1.6 miles West on "CR 1230" to the Southwest Corner of Section 19-9N-6W.



GPS DATUM
 NAD 27
 OK SOUTH ZONE

Surface Hole Loc.:
Lat: 35°13'59.96"N
Lon: 97°52'53.42"W
X: 2035389
Y: 691470
Penetration Point:
Lat: 35°13'59.07"N
Lon: 97°52'53.54"W
X: 2035379
Y: 691380
Bottom Hole Loc.:
Lat: 35°14'47.95"N
Lon: 97°52'53.22"W
X: 2035400
Y: 696322

ALL BEARINGS SHOWN HEREON
 ARE GEODETIC UNLESS
 OTHERWISE NOTED

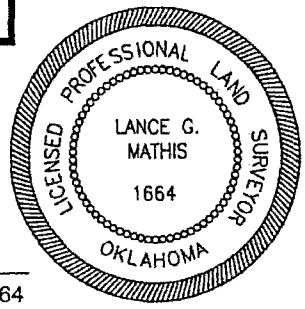


Please note that this location was staked on the ground under the supervision of a Licensed Professional Land Surveyor, but the accuracy of this survey is not guaranteed. Please contact Arkoma Surveying and Mapping promptly if any inconsistency is determined. GPS data is observed from RTK + GPS.

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 as 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.

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 #6812-B
 Date Staked : 12/12/16 By : C.K.
 Date Drawn : 12/19/16 By : K.M.

Lance G. Mathis
LANCE G. MATHIS 12/21/16
 OK LPLS 1664