

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

API NUMBER: 051 24442

Approval Date: 08/17/2018

Expiration Date: 02/17/2019

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 07 Twp: 9N Rge: 7W

County: GRADY

SPOT LOCATION: ☐ NE ☐ NE ☐ NW ☐ NE

FEET FROM QUARTER: FROM NORTH FROM EAST

SECTION LINES: 250 1440

Lease Name: MATHESON 7-9-7

Well No: 1H

Well will be 250 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

MATHESON FARM LLC.
773 COUNTY STREET 2810
MINCO OK 73059

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

	Name	Depth	Name	Depth
1	MISSISSIPPI LIME	12220	6	
2	WOODFORD	12373	7	
3	HUNTON	12473	8	
4			9	
5			10	

Spacing Orders: 671705
98732

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201806342

Special Orders:

Total Depth: 17030

Ground Elevation: 1404

Surface Casing: 1500

Depth to base of Treatable Water-Bearing FM: 430

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: MARLOW

D. One time land application -- (REQUIRES PERMIT) PERMIT NO: 18-34397
H. CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST

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.

HORIZONTAL HOLE 1

Sec 07 Twp 9N Rge 7W County GRADY

Spot Location of End Point: S2 SE SE SE

Feet From: SOUTH 1/4 Section Line: 165

Feet From: EAST 1/4 Section Line: 330

Depth of Deviation: 11472

Radius of Turn: 382

Direction: 170

Total Length: 4958

Measured Total Depth: 17030

True Vertical Depth: 12473

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

Notes:

Category	Description
DEEP SURFACE CASING	8/1/2018 - 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	8/1/2018 - 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
PENDING CD - 201806342	8/17/2018 - G57 - (E.O.) 7-9N-7W X98732/107705 MSSLM X671705 WDFD, HNTN COMPL. INT. NCT 165' FNL, NCT 165' FSL, NCT 330' FEL NO OP. NAMED REC 8-17-2018 (P. PORTER)
SPACING - 107705	8/17/2018 - G57 - CONFIRMED ORDER NO. 98732 MSSLM, OTHERS
SPACING - 671705	8/10/2018 - G57 - (640)(HOR) 7-9N-7W VAC 101031 HNTN EST WDFD, HNTN POE TO BHL (WDFD) NCT 165' FNL & FSL, NCT 330' FEL & FWL POE TO BHL (HNTN) NCT 660' FB
SPACING - 98732	8/10/2018 - G57 - (640) 7-9N-7W EST MSSLM, OTHERS

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051 24442 MATHESON 7-9-7 1H

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OKLAHOMA CITY, OK 73152-2000
(Rule 165:10-3-1)

Approval Date: 8-10-2018
Expiration Date: 8-17-2018

API NUMBER: 000 00000

Horizontal Hole

PERMIT TO DRILL

WELL LOCATION: Sec: 07 Twp: 9N Rge: 7W County: GRADY
SPOT LOCATION: NE NE NW NE FEET FROM QUARTER: FROM NORTH FROM EAST
SECTION LINES: 200 440

Lease Name: MATHESON 7-9-7

Well No: 1H

Well will be 250 feet from nearest unit or lease boundary.

Operator Name: JONES ENERGY LLC

Telephone: 5123282953

DTG/OCC Number: 21043 0

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E.O. 201800342 LE

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Depth of Deviation: 11472

Radius of Turn: 382

Direction: 170

Total Length: 4958

Measured Total Depth: 17030

True Vertical Depth: 12380

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

TEMPORARY AUTHORIZATION
TO DRILL

Expiration Date: 08-17-2018

Signature: W. A. McCoy, Jr. Virginia Mullinger

OAC 165: 10-3-1 (L)

25. PIT INFORMATION
A. WATER BASED B. MUD CHLORIDE CONTENT 5000-3000 ppm
C. PIT TYPE = CLOSED D. YES E. NO F. NO
26.1 A. CLOSED PITS B. BED ROCK AQUIFER C. NO D. YES
E. NO F. NO G. NO MARLOW FORMATION

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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.

Application for Intent to Drill

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000 00000 MATHESON 7-9-7 1H

JONES Well Location Plat

Sec. 7-9N-7W I.M.

Operator: JONES ENERGY, LTD.
Lease Name and No.: MATHESON 7-9-7 1H
Footage: 250' FNL - 1440' FEL Gr. Elevation: 1404'
Section: 7 Township: 9N Range: 7W I.M.
County: Grady State of Oklahoma
Terrain at Loc.: Location fell on the side of a hill.

API:051 24442



All bearings shown
are geodetic bearings
unless noted.



1" = 1000'

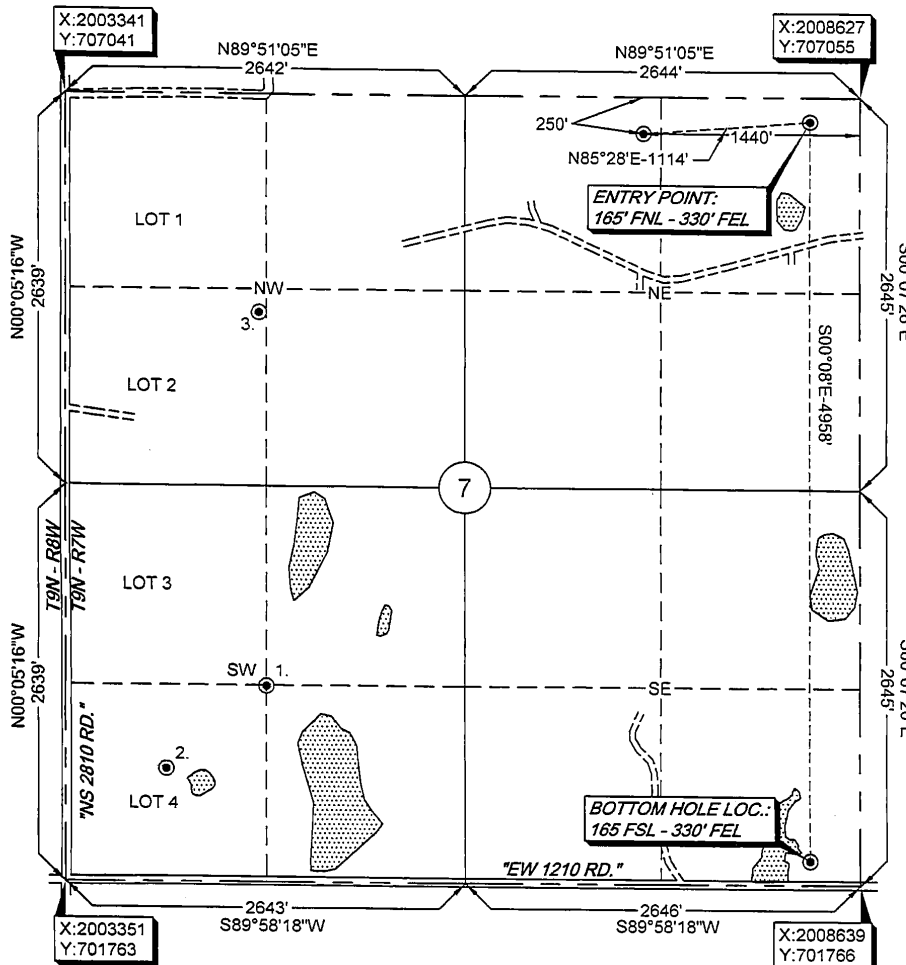
GPS DATUM
NAD 27
OK SOUTH ZONE

Surface Hole Loc.:
Lat: 35°16'31.80"N
Lon: 97°58'33.32"W
X: 2007187
Y: 706801

Entry Point:
Lat: 35°16'32.66"N
Lon: 97°58'19.93"W
X: 2008297
Y: 706889

Bottom Hole Loc.:
Lat: 35°15'43.62"N
Lon: 97°58'19.81"W
X: 2008309
Y: 701931

Please note that this location was staked on the ground under the supervision of a Licensed Professional Land Surveyor, and the accuracy of this survey is not guaranteed. Please contact Arkoma Surveying and Mapping promptly if any discrepancy is determined. GPS data is obtained from RTK - (RTS) and is not guaranteed. The location of the well is shown on the plat as 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 based on the ground, and further, does not represent a true boundary survey.



1. NATOMAS NORTH AMERICA
CLARK 1-7
1320' FSL - 1320' FWL (SW/4)
OCC STATUS: PA

2. WARD PETROLEUM CORP.
CLARK 1
760' FSL - 660' FWL (SW/4)
OCC STATUS: PA

3. NATOMAS NORTH AMERICA
JOLLY J C 1
1470' FNL - 1270' FWL (NW/4)
OCC STATUS: PA

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

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 #7758-B
Date Staked: 07/03/18 By: D.K.
Date Drawn: 07/05/18 By: J.D.

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 07/13/18
LANCE G. MATHIS OK LPLS 1664

