

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

API NUMBER: 045 23622

Approval Date: 08/10/2016
Expiration Date: 02/10/2017

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 08 Twp: 20N Rge: 26W County: ELLIS
SPOT LOCATION: SE SE SW SE FEET FROM QUARTER: FROM SOUTH FROM EAST
SECTION LINES: 250 1447

Lease Name: NIGHTENGALE 8 Well No: 12H Well will be 1447 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

MARILYN AND SAMUEL DEPRIEST
RT 2, BOX 100
SHATTUCK OK 73858

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

Name	Depth	Name	Depth
1 CLEVELAND	8068	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 132531

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201602843
201602844

Special Orders:

Total Depth: 12554

Ground Elevation: 2393

Surface Casing: 550

Depth to base of Treatable Water-Bearing FM: 500

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: 8000 Average: 5000

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: OGALLALA

D. One time land application -- (REQUIRES PERMIT) PERMIT NO: 16-31418
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 08 Twp 20N Rge 26W County ELLIS

Spot Location of End Point: W2 NE NW NE

Feet From: NORTH 1/4 Section Line: 330

Feet From: EAST 1/4 Section Line: 1667

Depth of Deviation: 7450

Radius of Turn: 596

Direction: 358

Total Length: 4168

Measured Total Depth: 12554

True Vertical Depth: 8068

End Point Location from Lease,
Unit, or Property Line: 330

Notes:

Category

Description

HYDRAULIC FRACTURING

8/1/2016 - 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.

PENDING CD - 201602843

8/1/2016 - G60 - (I.O.) 8 & N2 17-20N-26W
X132531 CLVD
SHL NCT 2904' FSL & NCT 14447' FEL
POE: NCT 2982 FSL, NCT 1667' FEL
BHL: NCT 330' FNL, NCT 1666' FEL
NO OP. NAMED
REC. 8-8-16 (DUNN)

PENDING CD - 201602844

8/1/2016 - G60 - (I.O.) 8 & N2 17-20N-26W
X132531 CLVD
2 WELLS
NO OP. NAMED
REC. 8-8-16 (DUNN)

SPACING - 132531

8/1/2016 - G60 - (640) 8 & N2 17-20N-26W
EXT 122784 CLVD, OTHERS

PROPOSED NEW WELL LOCATION PLAT

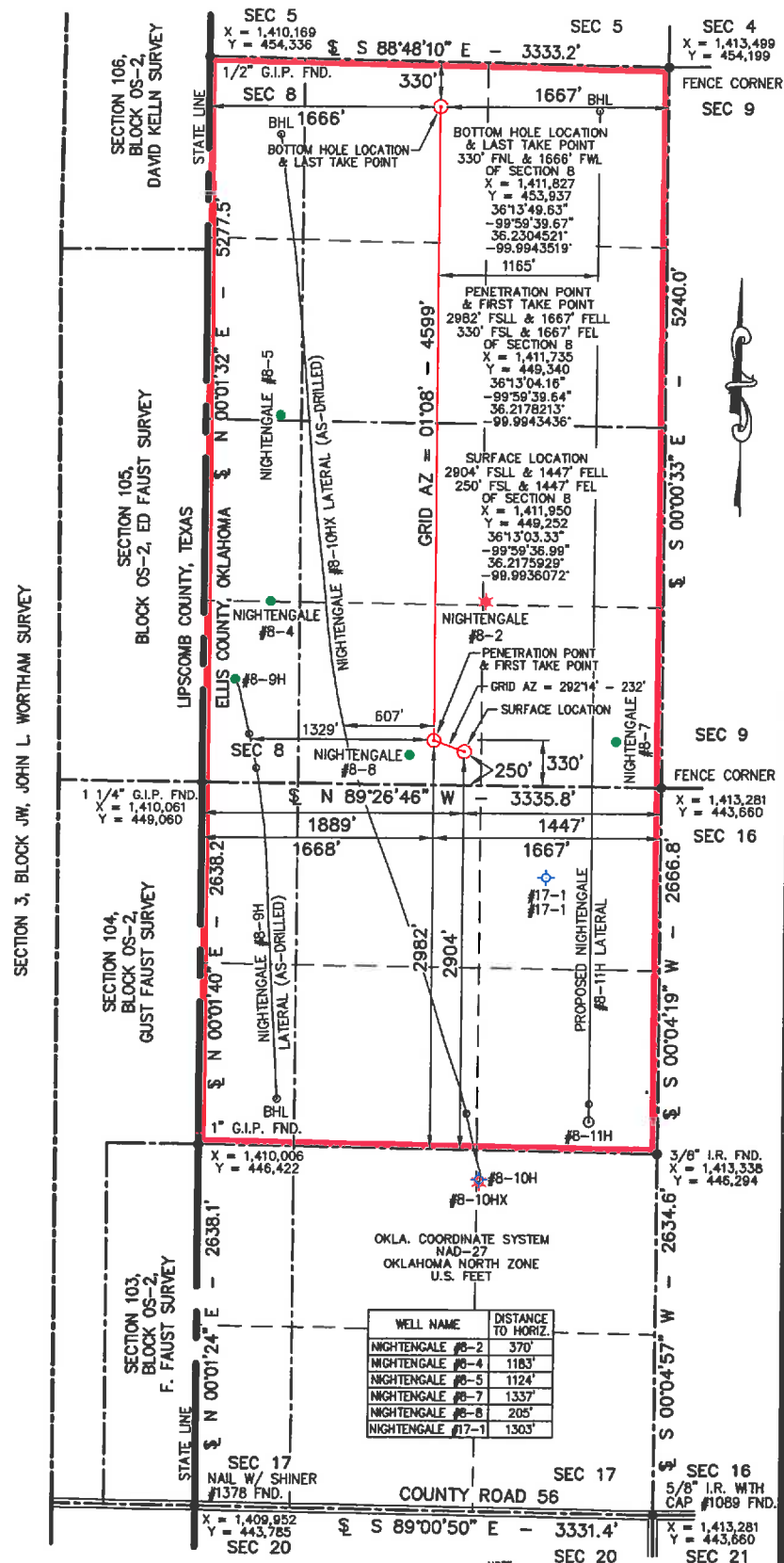
COMPANY JONES ENERGY, LLC LEASE NIGHTENGALE
 SECTION 8 TOWNSHIP 20-N RANGE 26-WM LOCATION 250' FSL 8-12H
 COUNTY ELLIS STATE OKLAHOMA TOPOGRAPHY AND VEGETATION PASTURE 1447' FEL
 LATITUDE 36°13'03.33" LONGITUDE -99°59'36.99" NAD27 ELEVATION 2393' NGVD29 DATE STAKED 5/2/16
 DIRECTION FROM NEAREST TOWN APPROXIMATELY 7.0 MILES SOUTHWEST OF SHATTUCK, OKLAHOMA



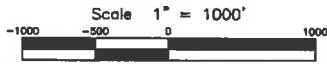
THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES AND A MEASUREMENT MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

SIGNED: _____ DATE: 5/4/16

- WELL LEGEND**
- PERMITTED
 - DRY HOLE
 - OIL
 - GAS
 - OIL/GAS
 - PLUGGED OIL
 - PLUGGED GAS
 - PLUGGED OIL/GAS



WELL NAME	DISTANCE TO HORIZ.
NIGHTENGALE #8-2	370'
NIGHTENGALE #8-4	1183'
NIGHTENGALE #8-5	1124'
NIGHTENGALE #8-7	1337'
NIGHTENGALE #8-8	205'
NIGHTENGALE #17-1	1303'



- NOTE:**
- This plat is intended for Oklahoma Corporation Commission Permit purposes only and is NOT to be relied upon as a boundary survey and is NOT to be used to convey or establish real property interests.
 - Bearings and dimensions shown are based on Geodetic Azimuth and Ground distance. All XY coordinates are based on NAD27, Oklahoma North Zone, U.S. Feet.
 - XY Coordinates were derived from GPS RTK methods and are only accurate within +/- 10 feet.
 - As-drilled data shown on this plat was provided by client and/or third party. Information was not nor has not been field verified by Surveyor.

APEX
 SURVEYING & MAPPING, INC.
 TEXAS • OKLAHOMA • KANSAS
 105 HACKBERRY TRAIL
 CANADIAN, TEXAS 79014
 806-323-9773

JONES
 ENERGY

FIELD:	JT,GPS
DRAWN:	CM
DATE:	5/4/16
CHECKED:	MLS
REVISION:	

JOB NO. C216-052-1