

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

API NUMBER: 045 23573

Approval Date: 04/14/2015
Expiration Date: 10/14/2015

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 19 Twp: 20N Rge: 25W County: ELLIS
SPOT LOCATION: SE SE SW SE FEET FROM QUARTER: FROM SOUTH FROM EAST
SECTION LINES: 250 1505

Lease Name: RED SOX 19 Well No: 5H 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

DOUGLAS HAFNER
RT. 2 BOX 86
SHATTUCK OK 73858

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

Name	Depth	Name	Depth
1 CLEVELAND	8220	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 185772 Location Exception Orders: 201501704 Increased Density Orders: 201501702

Pending CD Numbers: Special Orders:

Total Depth: 12941 Ground Elevation: 2376 Surface Casing: 630 Depth to base of Treatable Water-Bearing FM: 580

Under Federal Jurisdiction: No Fresh Water Supply Well Drilled: No Surface Water used to Drill: No

PIT 1 INFORMATION

Type of Pit System: ON SITE
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: 1B

Liner required for Category: 1B

Pit Location is BED AQUIFER

Pit Location Formation: OGALLALA

Approved Method for disposal of Drilling Fluids:

A. Evaporation/dewater and backfilling of reserve pit.

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

PERMIT NO: 14-29854

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: OGALLALA

HORIZONTAL HOLE 1

Sec 19 Twp 20N Rge 25W County ELLIS

Spot Location of End Point: NW NE NW NE

Feet From: NORTH 1/4 Section Line: 165

Feet From: EAST 1/4 Section Line: 1705

Depth of Deviation: 7645

Radius of Turn: 650

Direction: 360

Total Length: 4275

Measured Total Depth: 12941

True Vertical Depth: 8290

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

Notes:

Category

Description

INCREASED DENSITY - 201501702

4/14/2015 - G91 - (E.O.) 19-20N-25W
X185772 CLVD
1 WELL **
NO OP. NAMED
REC 4-10-2015 (M. PORTER)

S/B 2 WELLS; TO BE CORRECTED PER OPERATOR

LOCATION EXCEPTION - 201501704

4/14/2015 - G91 - (E.O.) 19-20N-25W
X185772 CLVD
SHL NCT 250 FSL, NCT 1505 FEL
POE NCT 165 FSL, NCT 1705 FEL
BHL NCT 165 FNL, NCT 1705 FEL
NO OP. NAMED
REC 4-10-2015 (M. PORTER)

MEMO

4/14/2015 - G71 - PIT 1 - SOIL COMPACTED PIT, NOTIFY DISTRICT PRIOR TO TESTING SOIL PIT
LINER, PIT 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, OBM RETURNED TO
VENDOR, CUTTINGS PERMITTED PER DISTRICT

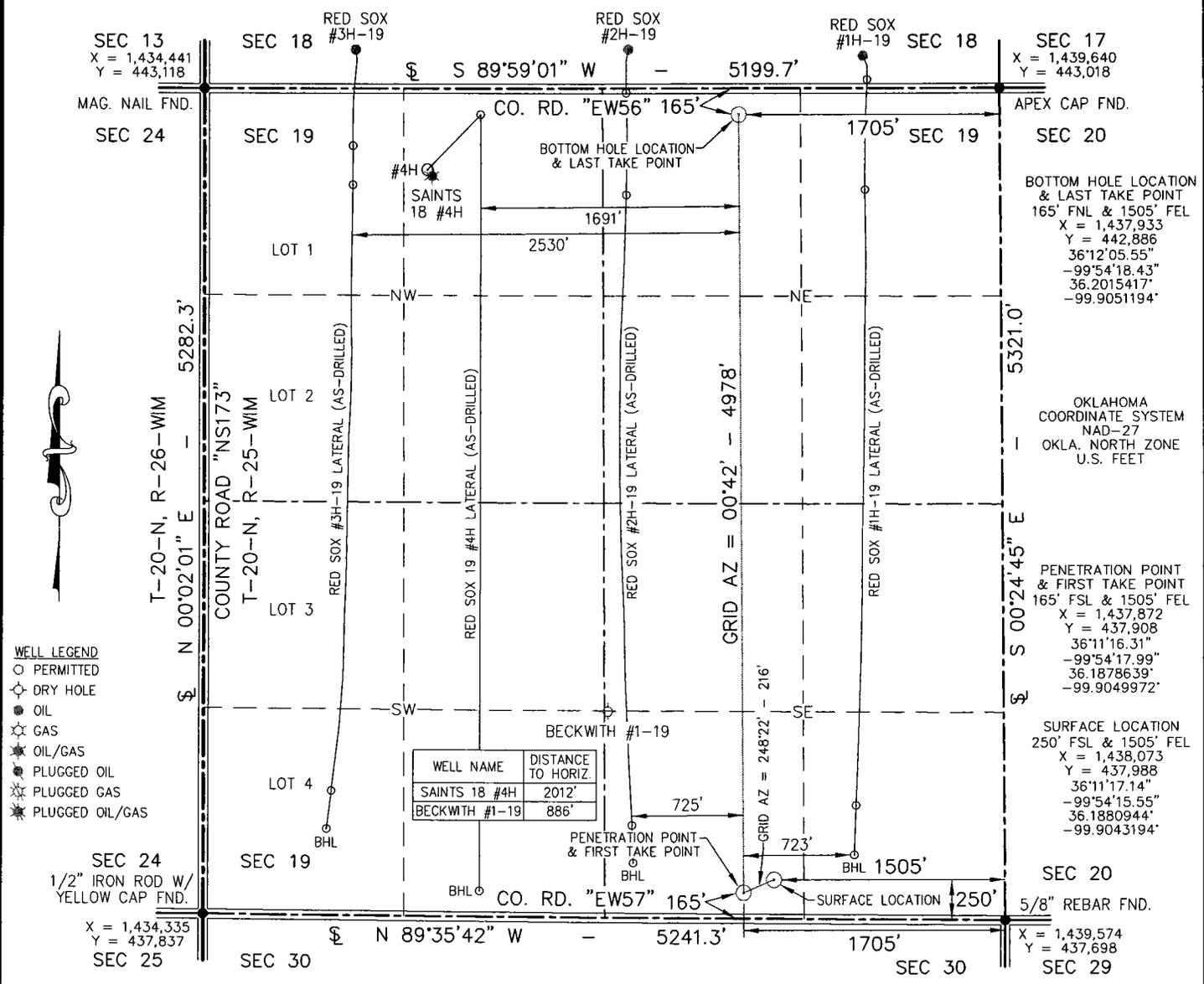
SPACING - 185772

4/14/2015 - G91 - (640) 19-20N-25W
EXT 65115 CLVD, OTHERS
EST OTHER

APT:045-23573

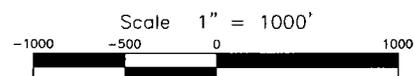
PROPOSED NEW WELL LOCATION PLAT

COMPANY JONES ENERGY, LLC LEASE RED SOX 19 WELL NO. 5H
 SECTION 19 TOWNSHIP 20-N RANGE 25-WM LOCATION 250' FSL 1505' FEL
 COUNTY ELLIS STATE OKLAHOMA TOPOGRAPHY AND VEGETATION PASTURE
 LATITUDE 36°11'17.14" LONGITUDE -99°54'15.55" NAD27 ELEVATION 2376' NGVD29 DATE STAKED 3/25/15
 DIRECTION FROM NEAREST TOWN APPROXIMATELY 6.0 MILES SOUTHWEST OF SHATTUCK, OKLAHOMA

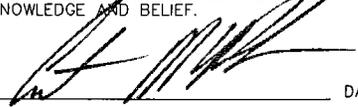


- WELL LEGEND**
- PERMITTED
 - ⊙ DRY HOLE
 - OIL
 - ☆ GAS
 - ★ OIL/GAS
 - ⊙ PLUGGED OIL
 - ☆ PLUGGED GAS
 - ★ PLUGGED OIL/GAS

- 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 X,Y coordinates are based on NAD27, Oklahoma North Zone, U.S. Feet.
 - X,Y 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.



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

SIGNED:  DATED: 3/27/15



APEX
 SURVEYING & MAPPING, INC.
 TEXAS • OKLAHOMA • KANSAS
 8330 CANYON DRIVE AMARILLO, TEXAS 79119 806-353-7231
 105 HACKBERRY TRAIL CANADIAN, TEXAS 79014 806-323-9773
 Certificate of Authorization No. 3415, Exp. June 30, 2016

JONES
 807 LAS CIMAS PARKWAY SUITE 350 AUSTIN, TEXAS 78746

FIELD:	JT,SF,BJ,GPS
DRAWN:	MLS
DATE:	3/27/15
CHECKED:	CBM
REVISION:	

JOB NO. 215-161-1