

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

API NUMBER: 045 23633

Approval Date: 02/01/2017  
Expiration Date: 08/01/2017

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 26 Twp: 20N Rge: 26W County: ELLIS  
SPOT LOCATION:  NW  NE  NW  NE FEET FROM QUARTER: FROM NORTH FROM EAST  
SECTION LINES: 170 1910

Lease Name: ROYALS 23 Well No: 3H Well will be 170 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

JR CLAYTON DEPRIEST  
55081 SOUTH CR 171  
SHATTUCK OK 73858

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

Name	Depth	Name	Depth
1 CLEVELAND	8270	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 321246

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201700266  
201700265

Special Orders:

Total Depth: 13111

Ground Elevation: 2430

**Surface Casing: 690**

Depth to base of Treatable Water-Bearing FM: 640

Under Federal Jurisdiction: No

Fresh Water Supply Well Drilled: No

Surface Water used to Drill: No

PIT 1 INFORMATION

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

Approved Method for disposal of Drilling Fluids:

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

PERMIT NO: 17-32011

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 23 Twp 20N Rge 26W County ELLIS

Spot Location of End Point: E2 NW NW NE

Feet From: NORTH 1/4 Section Line: 330

Feet From: EAST 1/4 Section Line: 2180

Depth of Deviation: 7260

Radius of Turn: 784

Direction: 358

Total Length: 4620

Measured Total Depth: 13111

True Vertical Depth: 8270

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

Notes:

Category

Description

HYDRAULIC FRACTURING

1/26/2017 - 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

1/26/2017 - G71 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, PIT 2 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT

PENDING CD - 201700265

2/1/2017 - G64 - 23-20N-26W  
X321246 CLVD  
2 WELLS  
NO OP. NAMED  
HEARING 2-13-2017

PENDING CD - 201700266

2/1/2017 - G64 - (E.O.) 23-20N-26W  
X321246 CLVD  
SHL (26-20N-26W) NCT 170' FNL, NCT 1910' FEL  
COMPL. INT. NCT 330' FSL, NCT 330' FNL, NCT 2180' FEL  
NO OP. NAMED  
REC. 1-31-2017 (LEAVITT)

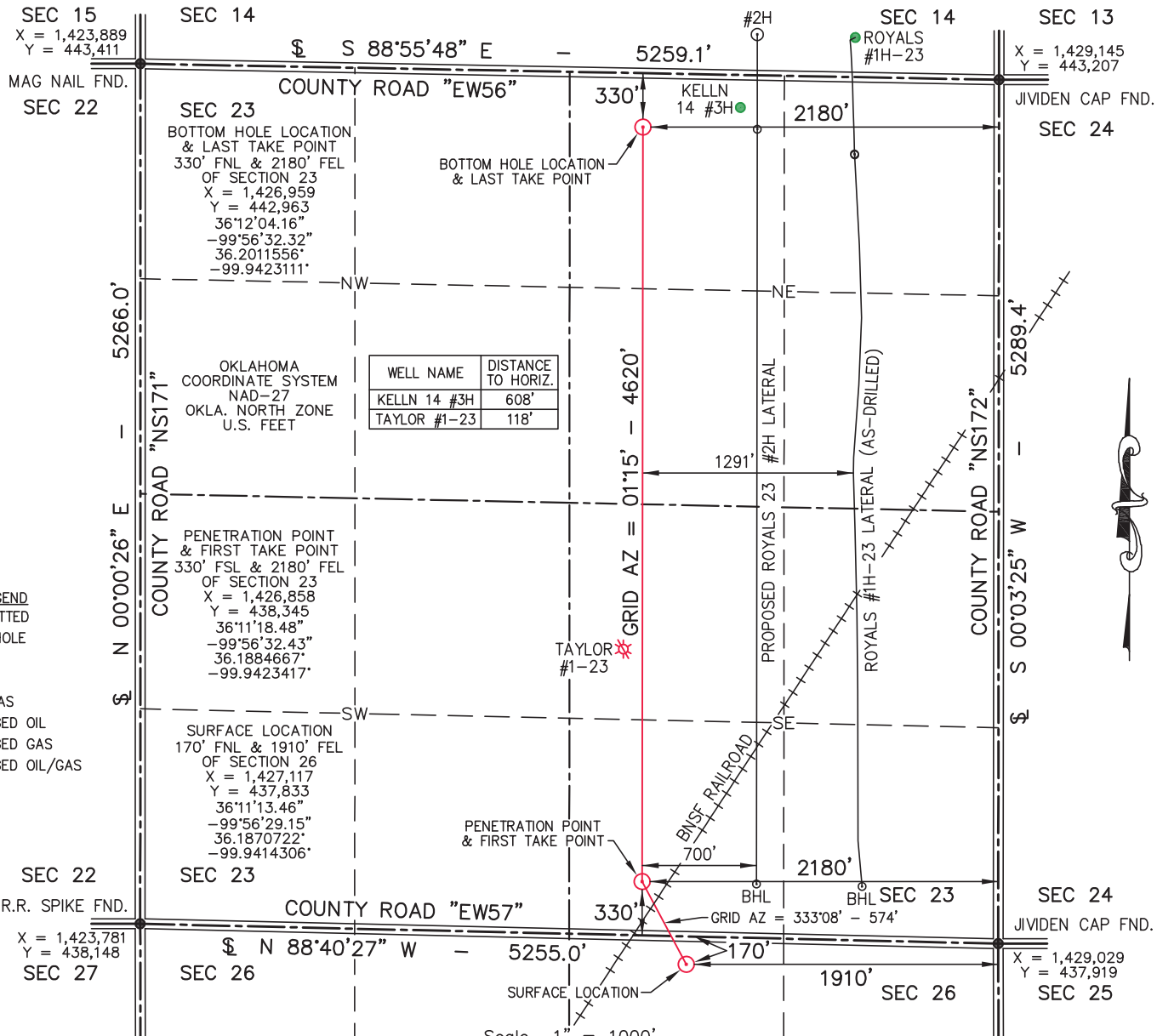
SPACING - 321246

2/1/2017 - G64 - (640) 23-20N-26W  
EXT OTHERS  
EXT 122784 CLVD, OTHERS

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.

PROPOSED NEW WELL LOCATION PLAT

COMPANY JONES ENERGY, LLC LEASE ROYALS 23 WELL NO. 3H  
 SECTION 26 TOWNSHIP 20-N RANGE 26-WIM LOCATION 170' FNL 1910' FEL  
 COUNTY ELLIS STATE OKLAHOMA TOPOGRAPHY AND VEGETATION PASTURE  
 LATITUDE 36°11'13.46" LONGITUDE -99°56'29.15" NAD27 ELEVATION 2430' NGVD29 DATE STAKED 12/28/16  
 DIRECTION FROM NEAREST TOWN APPROXIMATELY 7.0 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: *[Signature]* DATED: 1/3/17



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



**JONES**  
 ENERGY  
 807 LAS CIMAS PARKWAY • SUITE 350 • AUSTIN, TEXAS 78746

FIELD:	JT,KB,MM,GPS
DRAWN:	CM
DATE:	1/3/17
CHECKED:	MLS
REVISION:	LATERAL