

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

API NUMBER: 045 23645

Approval Date: 03/30/2017
Expiration Date: 09/30/2017

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 33 Twp: 20N Rge: 24W County: ELLIS
SPOT LOCATION: NW NE NW NE FEET FROM QUARTER: FROM NORTH FROM EAST
SECTION LINES: 300 1830

Lease Name: ROCKIES 33 Well No: 3H Well will be 300 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

COMMISSIONERS OF THE LAND OFFICE
204 N. ROBINSON, SUITE 900
OKLAHOMA CITY OK 73102

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

Name	Depth	Name	Depth
1 CLEVELAND	8440	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 101239

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201701367
201701368

Special Orders:

Total Depth: 12983

Ground Elevation: 2420

Surface Casing: 780

Depth to base of Treatable Water-Bearing FM: 730

Under Federal Jurisdiction: No

Fresh Water Supply Well Drilled: No

Surface Water used to Drill: No

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)
H. SEE MEMO

PERMIT NO: 17-32338

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 33 Twp 20N Rge 24W County ELLIS

Spot Location of End Point: SW SE SW SE

Feet From: SOUTH 1/4 Section Line: 165

Feet From: EAST 1/4 Section Line: 1830

Depth of Deviation: 7790

Radius of Turn: 477

Direction: 180

Total Length: 4444

Measured Total Depth: 12983

True Vertical Depth: 8440

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

Notes:

Category

Description

HYDRAULIC FRACTURING

3/29/2017 - 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

3/29/2017 - G71 - PIT 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST; PIT 2 - OBM TO VENDOR, OBM CUTTINGS PER DISTRICT

PENDING CD - 201701367

3/30/2017 - G75 - 33-20N-24W
X215449 CLVD **
2 WELLS
NO OP. NAMED
REC 3-27-2017 (P. PORTER)

** S/B X101239 CLVD; TO BE CORRECTED IN ORDER SUBMITTED TO OCC FOR REVIEW PER ATTORNEY FOR OPERATOR

PENDING CD - 201701368

3/30/2017 - G75 - (I.O.) 33-20N-24W
X215449 CLVD **
SHL NCT 300' FNL, NCT 1830' FEL
COMPL. INT. NCT 165' FNL, NCT 165' FSL, NCT 1830' FEL
NO OP. NAMED
REC 3-27-2017 (P. PORTER)

** S/B X101239 CLVD; TO BE CORRECTED IN ORDER SUBMITTED TO OCC FOR REVIEW PER ATTORNEY FOR OPERATOR

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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.

Category

Description

SPACING - 101239

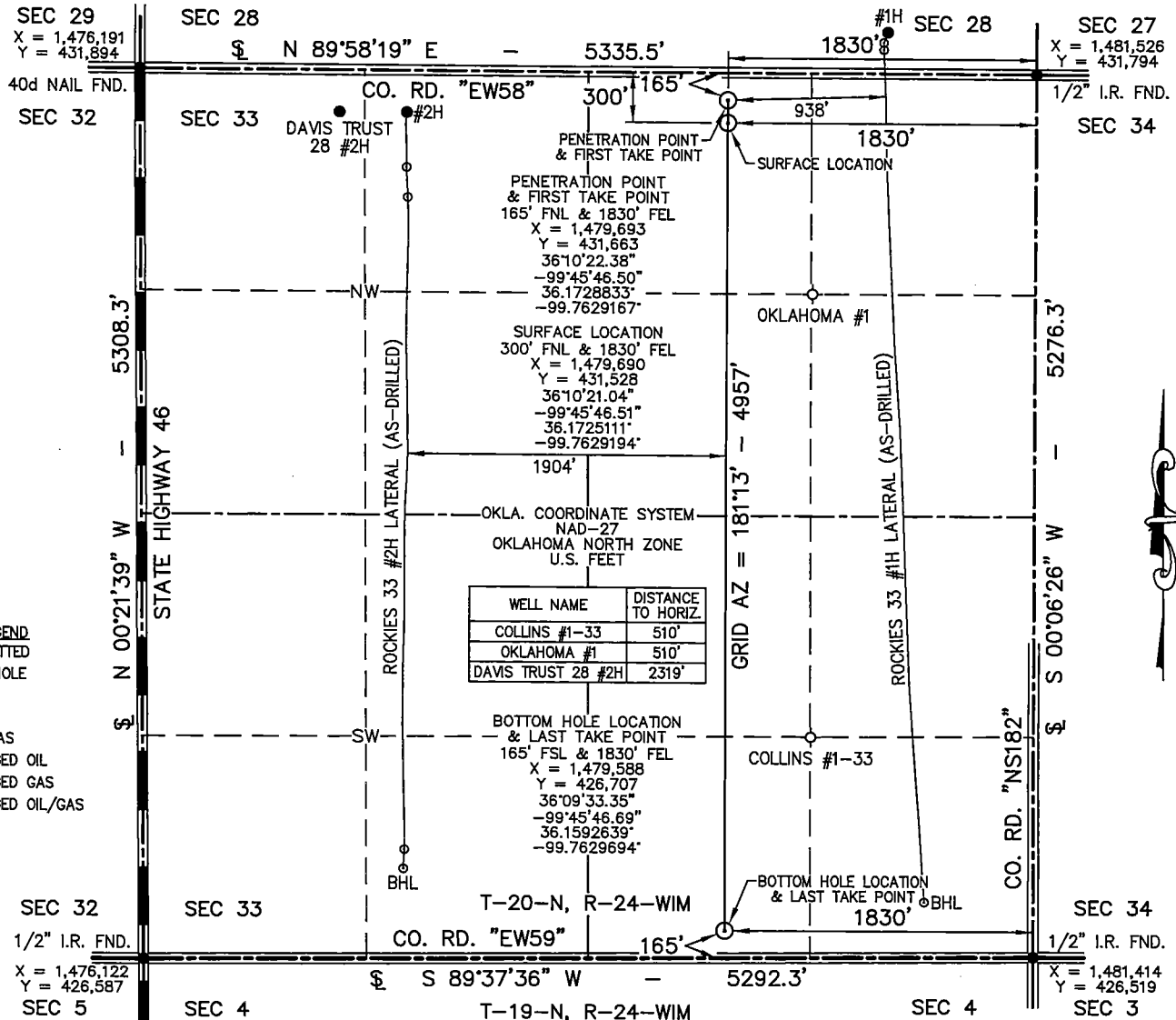
3/30/2017 - G75 - (640) 33-20N-24W
EXT 64184/65115 CLVD, OTHERS

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

API 045-23645

COMPANY JONES ENERGY, LLC LEASE ROCKIES 33 WELL NO. 3H
 SECTION 33 TOWNSHIP 20-N RANGE 24-WIM LOCATION 300' FNL 1830' FEL
 COUNTY ELLIS STATE OKLAHOMA TOPOGRAPHY AND VEGETATION WINTER WHEAT
 LATITUDE 36°10'21.04" LONGITUDE -99°45'46.51" NAD27 ELEVATION 2420' NGVD29 DATE STAKED 2/27/17
 DIRECTION FROM NEAREST TOWN APPROXIMATELY 2.5 MILES NORTH OF ARNETT, OKLAHOMA



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: 3/1/17



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



JONES

ENERGY

FIELD:	JT,GPS
DRAWN:	CM
DATE:	3/1/17
CHECKED:	MLS
REVISION:	
SHEET:	1 OF 4

Certificate of Authorization No. 3415, Exp. June 30, 2018

807 LAS CIMAS PARKWAY • SUITE 350 • AUSTIN, TEXAS 78746

JOB NO. 214-912-1.1