

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

API NUMBER: 045 23610

Approval Date: 05/24/2016
Expiration Date: 11/24/2016

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 10 Twp: 20N Rge: 26W County: ELLIS
SPOT LOCATION: NE NW NW NE FEET FROM QUARTER: FROM NORTH FROM EAST
SECTION LINES: 241 2420

Lease Name: NEIDENS 10 Well No: 4H Well will be 241 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	8049	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 566183 Location Exception Orders: 646248 Increased Density Orders: 646047

Pending CD Numbers:

Special Orders:

Total Depth: 12679 Ground Elevation: 2398 **Surface Casing: 600** Depth to base of Treatable Water-Bearing FM: 550

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: 15-30735

H. SOIL COMPACTED PIT, NOTIFY DISTRICT PRIOR TO TESTING SOIL PIT LINER

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 10 Twp 20N Rge 26W County ELLIS

Spot Location of End Point: S2 S2 S2 S2

Feet From: SOUTH 1/4 Section Line: 165

Feet From: WEST 1/4 Section Line: 2640

Depth of Deviation: 7398

Radius of Turn: 673

Direction: 181

Total Length: 4224

Measured Total Depth: 12679

True Vertical Depth: 8134

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

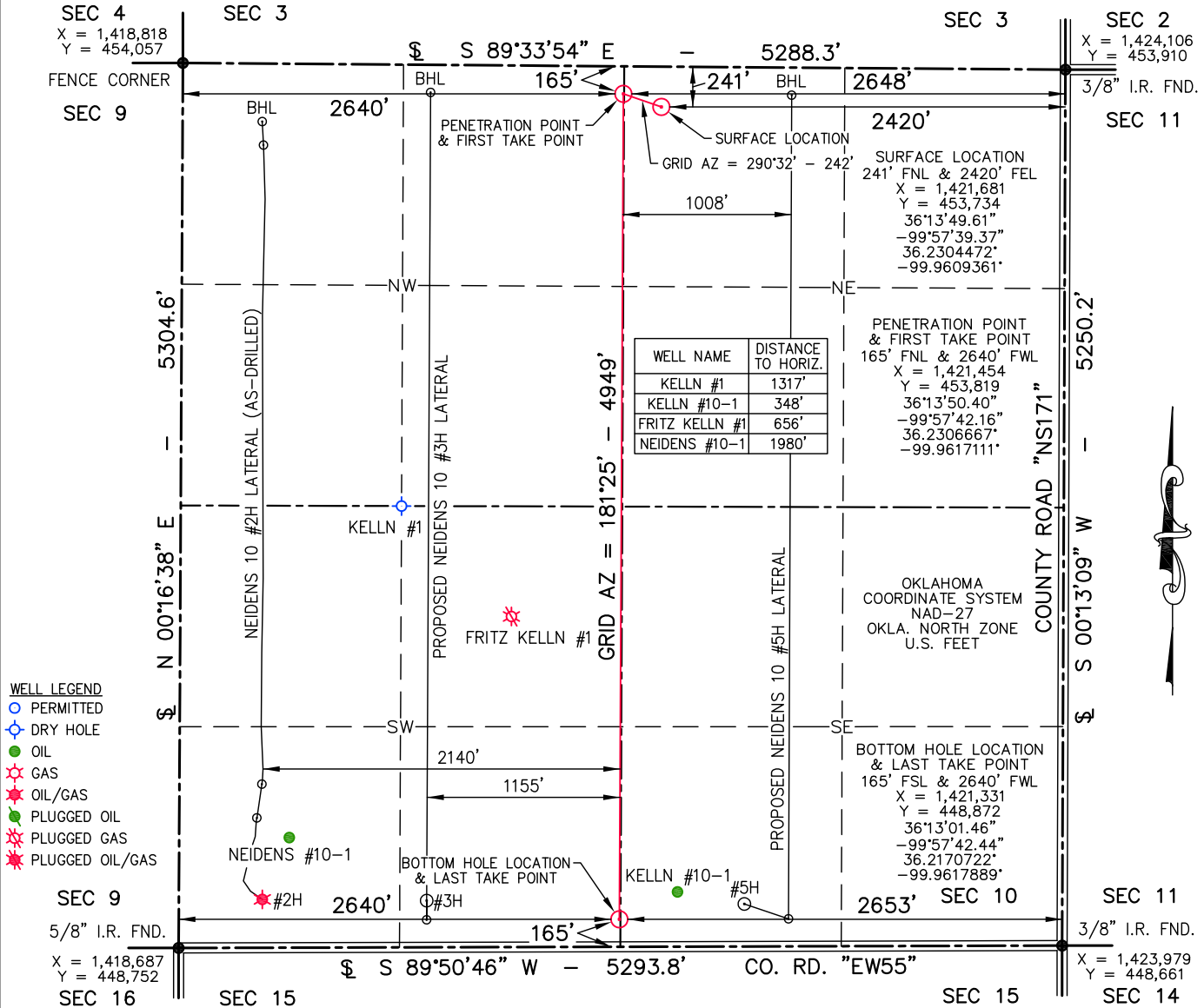
Notes:

Category	Description
HYDRAULIC FRACTURING	5/23/2016 - 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/ 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.
INCREASED DENSITY - 646047	5/24/2016 - G60 - 10-20N-26W X566183 CLVD 4 WELLS JONES ENERGY, LLC. 10-15-15
LOCATION EXCEPTION - 646248	5/24/2016 - G60 - (I.O.) 10-20N-26W X566183 CLVD COMPL INT. 165' FNL, NCT 165' FSL, NCT 2640' FWL JONES ENERGY, LLC. 10-21-15
SPACING - 566183	5/24/2016 - G60 - (640) 10-20N-26W VAC 265880 CLVD EXT 555427 CLVD

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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.

PROPOSED NEW WELL LOCATION PLAT

COMPANY JONES ENERGY, LLC LEASE NEIDENS 10 WELL NO. 4H
 SECTION 10 TOWNSHIP 20-N RANGE 26-WIM LOCATION 241' FNL 2420' FEL
 COUNTY ELLIS STATE OKLAHOMA TOPOGRAPHY AND VEGETATION PASTURE
 LATITUDE 36°13'49.61" LONGITUDE -99°57'39.37" NAD27 ELEVATION 2398' NGVD29 DATE STAKED 6/24/15
 DIRECTION FROM NEAREST TOWN APPROXIMATELY 6.0 MILES SOUTHWEST OF SHATTUCK, 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.

Scale 1" = 1000'

-1000 -500 0 1000

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: 6/25/15



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

JONES
 807 LAS CIMAS PARKWAY
 SUITE 350
 AUSTIN, TEXAS 78746

FIELD:	JT,BJ,GPS
DRAWN:	SDT
DATE:	6/25/15
CHECKED:	MLS
REVISION:	

JOB NO. 215-257-1