

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

API NUMBER: 045 23540

Approval Date: 11/20/2014
Expiration Date: 05/20/2015

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 25 Twp: 20N Rge: 26W County: ELLIS
SPOT LOCATION: NE NE NE NW FEET FROM QUARTER: FROM NORTH FROM WEST
SECTION LINES: 285 2530

Lease Name: EAGLES 24 Well No: 4H Well will be 285 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

BETTY HIGGINBOTHAN FAMILY TRUST
2209 HEADWIND DR.
PURCELL OK 73080

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

Name	Depth	Name	Depth
1 CLEVELAND	8177	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 185772

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201407613
201407611

Special Orders:

Total Depth: 13449

Ground Elevation: 2372

Surface Casing: 650

Depth to base of Treatable Water-Bearing FM: 600

Under Federal Jurisdiction: No

Fresh Water Supply Well Drilled: No

Surface Water used to Drill: Yes

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)

H. SEE MEMO

PERMIT NO: 14-28864

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 24 Twp 20N Rge 26W County ELLIS

Spot Location of End Point: NE NE NE NW

Feet From: NORTH 1/4 Section Line: 165

Feet From: WEST 1/4 Section Line: 2530

Depth of Deviation: 7559

Radius of Turn: 650

Direction: 360

Total Length: 4869

Measured Total Depth: 13449

True Vertical Depth: 8237

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

Notes:

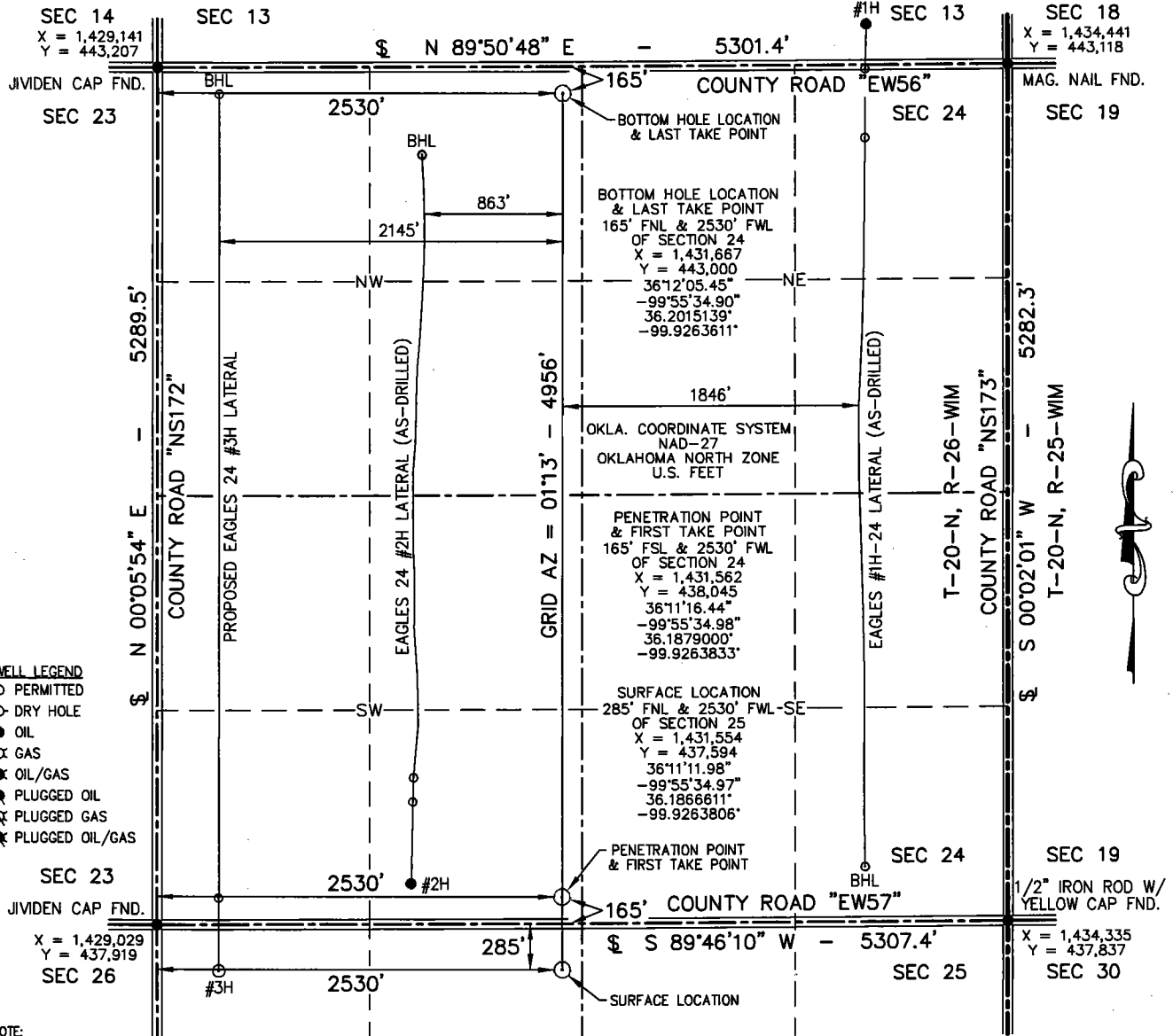
Category	Description
MEMO	11/17/2014 - G71 - PIT 1 - SOIL COMPACTED PIT, NOTIFY DISTRICT PRIOR TO TESTING SOIL PIT LINER; PIT 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, OBM TO VENDOR, OBM CUTTINGS PER DISTRICT
PENDING CD - 201407611	11/19/2014 - G75 - 24-20N-26W X185772 CLVD 3 WELLS NO OP. NAMED REC 11-3-2014 (NORRIS)
PENDING CD - 201407613	11/19/2014 - G75 - (I.O.) 24-20N-26W X185772 CLVD FIRST PERF NCT 165 FSL, NCT 2530 FWL LAST PERF NCT 165 FNL, NCT 2530 FWL NO OP. NAMED REC 11-3-2014 (NORRIS)
SPACING - 185772	11/19/2014 - G75 - (640) 24-20N-26W EXT 65115 CLVD, OTHERS EST OTHER

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APT 045-23540

PROPOSED NEW WELL LOCATION PLAT

COMPANY JONES ENERGY, LLC LEASE EAGLES 24 WELL NO. 4H
 SECTION 25 TOWNSHIP 20-N RANGE 26-WIM LOCATION 285' FNL 2530' FWL
 COUNTY ELLIS STATE OKLAHOMA TOPOGRAPHY AND VEGETATION PASTURE
 LATITUDE 36°11'11.98" LONGITUDE -99°55'34.97" NAD27 ELEVATION 2372' NGVD29 DATE STAKED 4/16/14
 DIRECTION FROM NEAREST TOWN APPROXIMATELY 6.5 MILES SOUTHWEST OF SHATTUCK, OKLAHOMA



NOTE:

1. 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.
2. 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.
3. X,Y Coordinates were derived from GPS RTK methods and are only accurate within +/- 10 feet.
4. 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: 4/18/14



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, 2014

JONES
 807 LAS CIMAS PARKWAY SUITE 350 AUSTIN, TEXAS 78746

FIELD:	JT,SF,GPS
DRAWN:	SDT
DATE:	4/18/14
CHECKED:	MLS
REVISION:	

JOB NO. 214-375-1