

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

API NUMBER: 045 23528

Approval Date: 10/22/2014  
Expiration Date: 04/22/2015

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 18 Twp: 20N Rge: 25W County: ELLIS  
SPOT LOCATION:  SE  SW  SW  SE FEET FROM QUARTER: FROM SOUTH FROM EAST  
SECTION LINES: 280 2015

Lease Name: SAINTS 18 Well No: 5H Well will be 280 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

EARL SCHOENHALS  
RT 2 BOX 88  
SHATTUCK OK 73858

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

Name	Depth	Name	Depth
1 CLEVELAND	8158	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 185772 Location Exception Orders: 632005 Increased Density Orders: 631966

Pending CD Numbers:

Special Orders:

Total Depth: 12853 Ground Elevation: 2343 **Surface Casing: 610** Depth to base of Treatable Water-Bearing FM: 560

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)

H. SEE MEMO

PERMIT NO: 14-28532

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 18 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: 1745

Depth of Deviation: 7568

Radius of Turn: 650

Direction: 355

Total Length: 4264

Measured Total Depth: 12853

True Vertical Depth: 8589

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

Notes:

Category

Description

COMPLETION INTERVAL

10/22/2014 - G72 - WILL BE AT LEAST 600' FROM THE SAINTS 18 3H WELL PER THE OPERATOR.

INCREASED DENSITY - 631966

10/7/2014 - G72 - 18-20N-25W  
X 185772 CLVD  
3 WELLS  
JONES ENERGY, LLC,  
10/17/2014

LOCATION EXCEPTION - 632005

10/22/2014 - G72 - 18-20N-25W (I.O.)  
X 185772 CLVD,  
COMP INT. NCT 165 FNL NCT 165 FSL NCT 1745 FEL,  
JONES ENERGY, LLC,  
10/20/2014

MEMO

9/29/2014 - G76 - 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

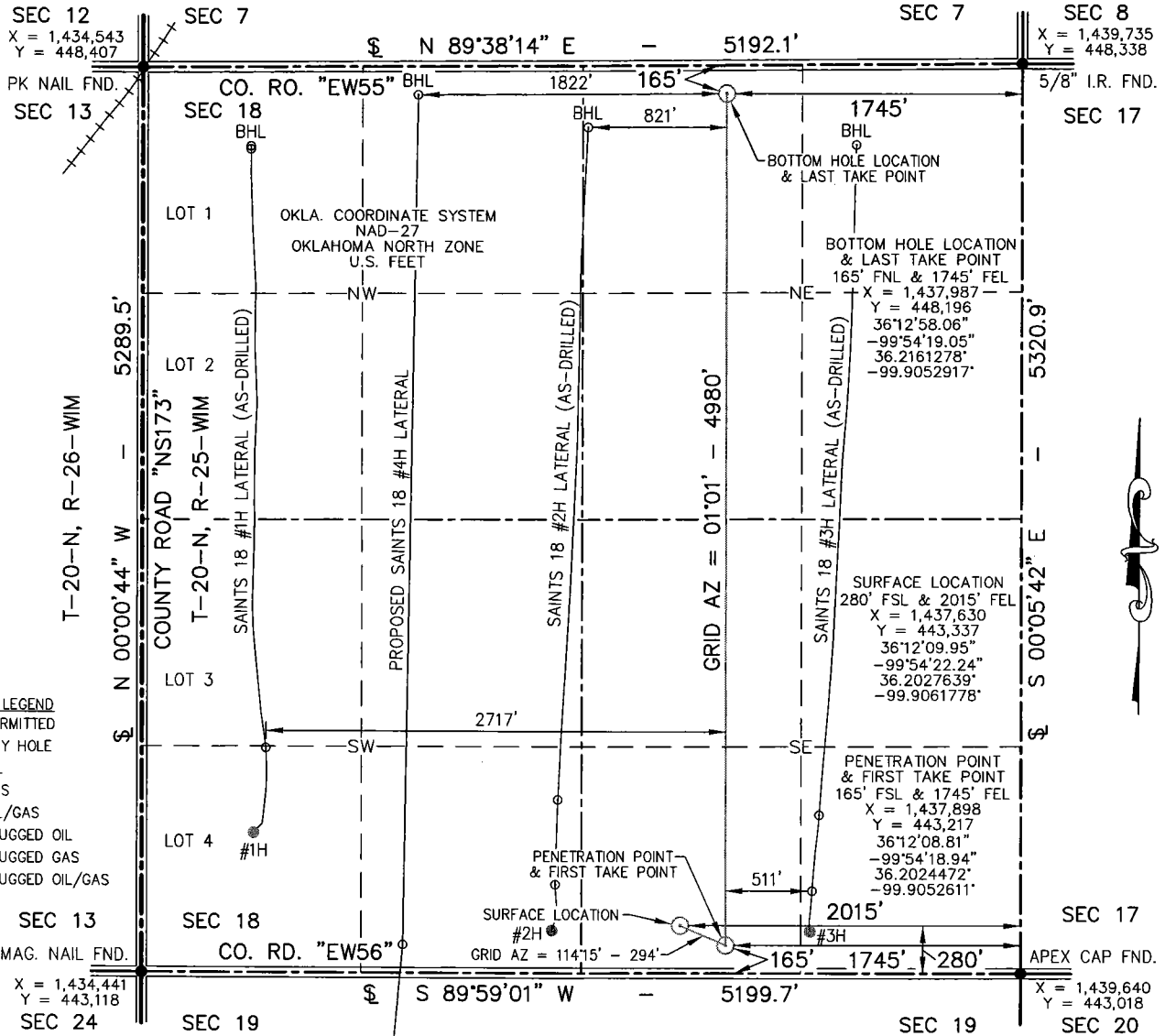
SPACING - 185772

10/7/2014 - G72 - (640) 18-20N-25W EXT 65115 CLVD, OTHERS EST OTHERS

# PROPOSED NEW WELL LOCATION PLAT

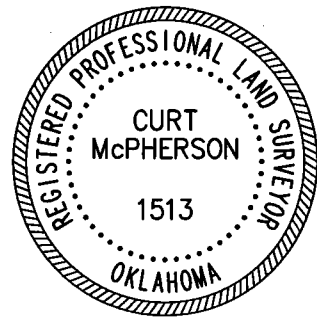
045-23528

COMPANY JONES ENERGY, LLC LEASE SAINTS 18 WELL NO. 5H  
 SECTION 18 TOWNSHIP 20-N RANGE 25-WIM LOCATION 280' FSL 2015' FEL  
 COUNTY ELLIS STATE OKLAHOMA TOPOGRAPHY AND VEGETATION TERRACED FIELD  
 LATITUDE 36°12'09.95" LONGITUDE -99°54'22.24" NAD27 ELEVATION 2343' NGVD29 DATE STAKED 7/30/14  
 DIRECTION FROM NEAREST TOWN APPROXIMATELY 5.5 MILES SOUTHWEST OF SHATTUCK, OKLAHOMA



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: 8/1/14



**APEX**  
 SURVEYING & MAPPING, INC.  
 TEXAS • OKLAHOMA • KANSAS  
 8330 CANYON DRIVE  
 AMARILLO, TEXAS 79119  
 806-353-7231  
 Certificate of Authorization No. 3415, Exp. June 30, 2016

**JONES**  
 807 LAS GIMAS PARKWAY  
 SUITE 350  
 AUSTIN, TEXAS 78746

FIELD:	JT,SF,GPS
DRAWN:	AJV
DATE:	8/1/14
CHECKED:	MLS
REVISION:	

JOB NO. 214-612-1.1