

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

API NUMBER: 045 23471

Approval Date: 05/12/2014

Expiration Date: 11/12/2014

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 13 Twp: 20N Rge: 26W

County: ELLIS

SPOT LOCATION:

FEET FROM QUARTER: FROM NORTH FROM WEST

SECTION LINES: 280 1650

Lease Name: SEAHAWKS 13

Well No: 4H

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

DARRELL HERBER  
PO BOX 764  
SHATTUCK OK 73858

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

Name	Depth	Name	Depth
1 CLEVELAND	8570	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: No Spacing

Location Exception Orders: 624380

Increased Density Orders: 624379

Pending CD Numbers:

Special Orders:

Total Depth: 12589

Ground Elevation: 2407

**Surface Casing: 620**

Depth to base of Treatable Water-Bearing FM: 570

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: 14-27198

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 13 Twp 20N Rge 26W County ELLIS

Spot Location of End Point: C SW SE SW

Feet From: NORTH 1/4 Section Line: 330

Feet From: WEST 1/4 Section Line: 1650

Depth of Deviation: 7549

Radius of Turn: 650

Direction: 180

Total Length: 4019

Measured Total Depth: 12589

True Vertical Depth: 8570

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

Notes:

Category

Description

INCREASED DENSITY - 624379

5/12/2014 - G72 - (E.O.) 13-20N-26W  
X 185772 CLVD;  
2 WELLS;  
JONES ENERGY, LLC  
4/23/2014

LOCATION EXCEPTION - 624381

5/12/2014 - G72 - (E.O.) 13-20N-26W  
X 185772 CLVD;  
SHL 330 FNL 1660 FEL,  
1ST PERF NCT 330 FNL NCT 1660 FEL,  
LST PERF NCT 330 FSL NCT 1835 FEL;  
JONES ENERGY, LLC;  
4/23/2014

MEMO

5/9/2014 - G71 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR OPTION, PIT 2 -  
OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT

SPACING - 185772

5/12/2014 - G72 - (640) 13-20N-26W  
EXT 65115 CLVD;  
EST OTHER

This permit does not address the right of entry or settlement of surface damages.

045 23471 SEAHAWKS 13 4H

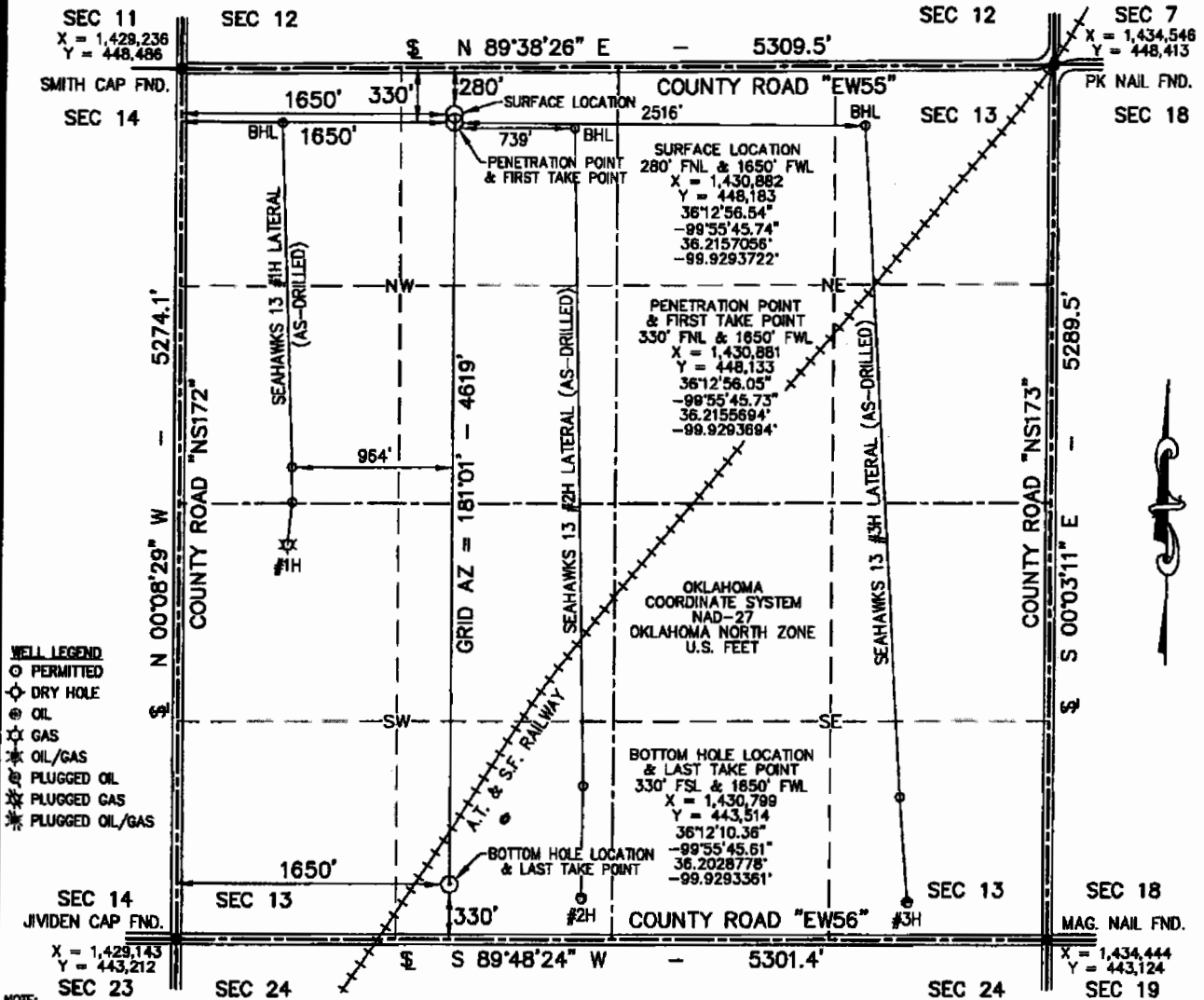
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API 04523471

# PROPOSED NEW WELL LOCATION PLAT

COMPANY JONES ENERGY, LLC LEASE SEAHAWKS 13 WELL NO. 4H  
 SECTION 13 TOWNSHIP 20-N RANGE 26-WIM LOCATION 280' FNL 1650' FWL  
 COUNTY ELLIS STATE OKLAHOMA TOPOGRAPHY AND VEGETATION TERRACE PASTURE  
 LATITUDE 36°12'56.54" LONGITUDE -99°55'45.74" NAD27 ELEVATION 2407' NGVD29 DATE STAKED 3/18/14  
 DIRECTION FROM NEAREST TOWN APPROXIMATELY 5.0 MILES SOUTHWEST OF SHATTUCK, OKLAHOMA



**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**  
 507 LAS TOMAS PARKWAY  
 SUITE 300  
 AUSTIN, TEXAS 78746

FIELD:	KB, GPS
DRAWN:	AJV
DATE:	3/26/14
CHECKED:	MLS
REVISION:	



JOB NO. 214-315-1