

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

API NUMBER: 045 23480

Approval Date: 05/28/2014

Expiration Date: 11/28/2014

Horizontal Hole Oil & Gas

PERMIT TO DRILL

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

County: ELLIS

SPOT LOCATION: ☐ NW ☐ NE ☐ NW ☐ NE

FEET FROM QUARTER: FROM NORTH FROM EAST

SECTION LINES: 275 1660

Lease Name: SEAHAWKS 13

Well No: 5H

Well will be 275 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	8120	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: No Spacing

Location Exception Orders: 625432

Increased Density Orders: 624379

Pending CD Numbers:

Special Orders:

Total Depth: 12581

Ground Elevation: 2383

**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: Yes

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: 14-27254

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: W2 SE SW SE

Feet From: SOUTH 1/4 Section Line: 330

Feet From: EAST 1/4 Section Line: 1835

Depth of Deviation: 7535

Radius of Turn: 650

Direction: 180

Total Length: 12581

Measured Total Depth: 12581

True Vertical Depth: 8226

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

Notes:

Category

Description

INCREASED DENSITY - 624379

5/19/2014 - G72 -(E.O.) 13-20N-26W  
X 185772 CLVD;  
2 WELLS;  
JONES ENERGY, LLC  
4/23/2014

LOCATION EXCEPTION - 625432

5/19/2014 - G72 - 13-20N-26W (IO.)  
X 185772 CLVD;  
COMP INT NCT 330 FNL NCT 330 FSL NCT 1650 FWL;  
JONES ENERGY, LLC;  
5/14/2014

MEMO

5/28/2014 - G72 - THE SEAHAWKS 13 5H LATERAL WILL BE AT LEAST 600' FROM THE  
SEAHAWKS 13 3H WELL LATERAL PER THE OPERATOR.

MEMO

5/16/2014 - G71 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR OPTION, PIT 2 -  
OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT

SPACING - 185772

5/19/2014 - 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 23480 SEAHAWKS 13 5H

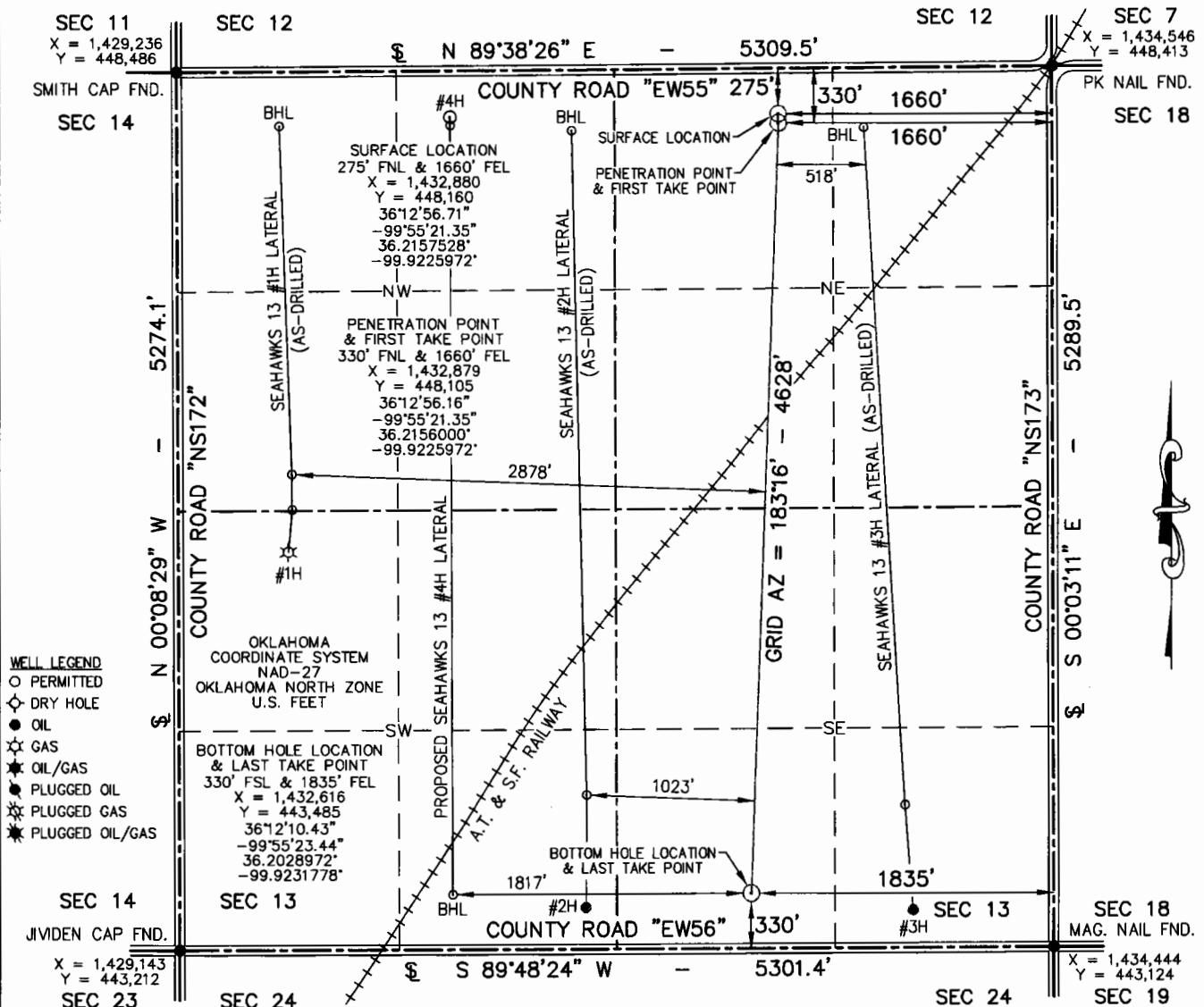
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Office of the Conservation Division as to when Surface Casing will be run.

API 045 23480

## PROPOSED NEW WELL LOCATION PLAT

COMPANY JONES ENERGY, LLC LEASE SEAHAWKS 13 WELL NO. 5H  
 SECTION 13 TOWNSHIP 20-N RANGE 26-WM LOCATION 275' FNL 1660' FEL  
 COUNTY ELLIS STATE OKLAHOMA TOPOGRAPHY AND VEGETATION TERRACE PASTURE  
 LATITUDE 36°12'56.71" LONGITUDE -99°55'21.35" NAD27 ELEVATION 2383' NGVD29 DATE STAKED 3/18/14  
 DIRECTION FROM NEAREST TOWN APPROXIMATELY 5.0 MILES SOUTHWEST OF SHATTUCK, OKLAHOMA



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: 3/26/14

**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, 2014

**JONES**  
 807 LAS CINAS PARKWAY  
 SUITE 350  
 AUSTIN, TEXAS 78748

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



JOB NO. 214-316-1