

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

API NUMBER: 045 23404

Approval Date: 10/16/2013
Expiration Date: 04/16/2014

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 14 Twp: 20N Rge: 26W County: ELLIS
SPOT LOCATION: NW NE NE NE FEET FROM QUARTER: FROM NORTH FROM EAST
SECTION LINES: 250 500

Lease Name: BUCCANEERS Well No: 2H-11 Well will be 250 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

GARY DON DEPRIEST
RT. 2, BOX 100C
SHATTUCK OK 73858

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

Name	Depth	Name	Depth
1 CLEVELAND	8200	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 531857

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201306243
201306242

Special Orders:

Total Depth: 12978

Ground Elevation: 2414

Surface Casing: 630

Depth to base of Treatable Water-Bearing FM: 580

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: 30000 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.

H. SEE MEMO

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: ON SITE
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: 3
Liner required for Category: 3
Pit Location is BED AQUIFER
Pit Location Formation: OGALLALA

HORIZONTAL HOLE 1

Sec 11 Twp 20N Rge 26W County ELLIS
Spot Location of End Point: SW NE NE NE
Feet From: NORTH 1/4 Section Line: 500
Feet From: EAST 1/4 Section Line: 500
Depth of Deviation: 7562
Radius of Turn: 650
Direction: 360
Total Length: 4395
Measured Total Depth: 12978
True Vertical Depth: 8212
End Point Location from Lease,
Unit, or Property Line: 500

Notes:

Table with 2 columns: Category, Description. Contains notes for MEMO, PENDING CD - 201306242, PENDING CD - 201306243, and SPACING - 531857.

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