

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

API NUMBER: 129 23888

Approval Date: 11/04/2013  
Expiration Date: 05/04/2014

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 11 Twp: 14N Rge: 24W County: ROGER MILLS  
SPOT LOCATION:  SE  SE  SW  SW FEET FROM QUARTER: FROM SOUTH FROM WEST  
SECTION LINES: 200 995

Lease Name: LEE Well No: 2-11H Well will be 200 feet from nearest unit or lease boundary.  
Operator Name: SAMSON RESOURCES COMPANY Telephone: 9185831791 OTC/OCC Number: 5415 0

SAMSON RESOURCES COMPANY  
2 W 2ND ST STE 1500  
TULSA, OK 74103-3103

DWAYNE JOE ROARK AND JUHRETTA ANNE ROARK  
P.O. BOX 443  
CHEYENNE OK 73628

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

Name	Depth	Name	Depth
1 OSWEGO	11280	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 153835

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201305919  
201305918

Special Orders:

Total Depth: 15908

Ground Elevation: 2228

**Surface Casing: 950**

Depth to base of Treatable Water-Bearing FM: 530

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: 10000 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 OTHER HSA

Pit Location Formation: DOXEY

Approved Method for disposal of Drilling Fluids:

A. Evaporation/dewater and backfilling of reserve pit.

B. Solidification of pit contents.

D. One time land application -- (REQUIRES PERMIT)

PERMIT NO: 13-24785

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 OTHER HSA
Pit Location Formation: DOXEY

HORIZONTAL HOLE 1

Sec 11 Twp 14N Rge 24W County ROGER MILLS
Spot Location of End Point: C N2 N2 NW
Feet From: NORTH 1/4 Section Line: 330
Feet From: WEST 1/4 Section Line: 1320
Depth of Deviation: 10817
Radius of Turn: 323
Direction: 5
Total Length: 4768
Measured Total Depth: 15908
True Vertical Depth: 11280
End Point Location from Lease,
Unit, or Property Line: 330

Notes:

Table with 2 columns: Category, Description. Rows include DEEP SURFACE CASING, MEMO, PENDING CD - 201305918, PENDING CD - 201305919, and SPACING - 153835.

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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.