

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

API NUMBER: 129 23873

Approval Date: 09/19/2013
Expiration Date: 03/19/2014

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 24 Twp: 14N Rge: 24W County: ROGER MILLS
SPOT LOCATION: NE NW NE NE FEET FROM QUARTER: FROM NORTH FROM EAST
SECTION LINES: 200 850

Lease Name: MAXON Well No: 4-13H 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

WILLIAM MAXON
9402 E. 253RD STREET
PECULIAR MO 64078

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

Name	Depth	Name	Depth
1 MARMATON	11292	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 603998

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201205619
201305618

Special Orders:

Total Depth: 16300

Ground Elevation: 2145

Surface Casing: 950

Depth to base of Treatable Water-Bearing FM: 540

Under Federal Jurisdiction: Yes

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: 13-24440

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 13 Twp 14N Rge 24W County ROGER MILLS
Spot Location of End Point: E2 NW NE NE
Feet From: NORTH 1/4 Section Line: 330
Feet From: EAST 1/4 Section Line: 900
Depth of Deviation: 10880
Radius of Turn: 14
Direction: 1
Total Length: 5140
Measured Total Depth: 16300
True Vertical Depth: 11292
End Point Location from Lease,
Unit, or Property Line: 330

Notes:

Table with 2 columns: Category and Description. Contains notes about casing, pit testing, and well status.

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