

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

API NUMBER: 129 23932

Approval Date: 03/26/2014
Expiration Date: 09/26/2014

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 30 Twp: 14N Rge: 23W County: ROGER MILLS
SPOT LOCATION: NW NW NE NE FEET FROM QUARTER: FROM NORTH FROM EAST
SECTION LINES: 200 1200

Lease Name: PURVIS Well No: 3-19H Well will be 200 feet from nearest unit or lease boundary.
Operator Name: SAMSON RESOURCES COMPANY Telephone: 9185911038 OTC/OCC Number: 5415 0

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

WILLIAM H. MAXON
9402 E 253RD ST
PECULIAR MO 64078

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

	Name	Depth	Name	Depth
1	MARMATON	11600	6	
2			7	
3			8	
4			9	
5			10	

Spacing Orders: 164250 Location Exception Orders: 622587 Increased Density Orders: 622496
Pending CD Numbers: 201400510 Special Orders:

Total Depth: 16285 Ground Elevation: 2057 **Surface Casing: 760** Depth to base of Treatable Water-Bearing FM: 510

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 BED AQUIFER

Pit Location Formation: CLOUD CHIEF

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: 14-26734
- 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: CLOUD CHIEF

HORIZONTAL HOLE 1

Sec 19 Twp 14N Rge 23W County ROGER MILLS
Spot Location of End Point: NE NW NE NE
Feet From: NORTH 1/4 Section Line: 300
Feet From: EAST 1/4 Section Line: 700
Depth of Deviation: 10900
Radius of Turn: 12
Direction: 8
Total Length: 5193
Measured Total Depth: 16285
True Vertical Depth: 11600
End Point Location from Lease,
Unit, or Property Line: 300

Table with 3 columns: Additional Surface Owner, Address, City, State, Zip. Rows include ROBERT H AND RUBY E MAXON and DONALS E. MAXON, BY CHARLOTT.

Notes:

Table with 2 columns: Category, Description. Contains notes such as EXCEPTION TO RULE - 622587, INCREASED DENSITY - 622496, MEMO, PENDING CD - 201400510, and SPACING - 164250.

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Category

Description

WATERSHED STRUCTURE

3/26/2014 - G71 - WELL WITHIN 1/2 MILE OF AN OKLAHOMA CONSERVATION COMMISSION WATERSHED STRUCTURE. CONTACT THE LOCAL CONSERVATION DISTRICT OFFICE AT (580) 497-3413 PRIOR TO DRILLING

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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.