

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

API NUMBER: 083 24249 A

Approval Date: 01/17/2014
Expiration Date: 07/17/2014

Horizontal Hole Oil & Gas

Amend reason: CHANGE SURFACE LOCATION

AMEND PERMIT TO DRILL

WELL LOCATION: Sec: 16 Twp: 19N Rge: 4W

County: LOGAN

SPOT LOCATION: NW SW SW SE

FEET FROM QUARTER: FROM SOUTH FROM EAST

SECTION LINES: 360 2514

Lease Name: FUXA

Well No: 1-16H

Well will be 360 feet from nearest unit or lease boundary.

Operator Name: SLAWSON EXPLORATION CO INC

Telephone: 4052320201

OTC/OCC Number: 17313 0

SLAWSON EXPLORATION CO INC
204 N ROBINSON AVE STE 2300
OKLAHOMA CITY, OK 73102-6891

JAMES YOCHAM
523 N. MISSOURI
MARSHALL OK 73056

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

	Name	Depth	Name	Depth
1	MISSISSIPPIAN	5700	6	
2	WOODFORD	6200	7	
3			8	
4			9	
5			10	

Spacing Orders: 608644

Location Exception Orders: 610635

Increased Density Orders:

Pending CD Numbers:

Special Orders:

Total Depth: 12000

Ground Elevation: 1003

Surface Casing: 380

Depth to base of Treatable Water-Bearing FM: 330

Under Federal Jurisdiction: No

Fresh Water Supply Well Drilled: No

Surface Water used to Drill: Yes

PIT 1 INFORMATION

Type of Pit System: CLOSED Closed System Means Steel Pits

Type of Mud System: WATER BASED

Chlorides Max: 5000 Average: 3000

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: GARBER

Approved Method for disposal of Drilling Fluids:

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

PERMIT NO: 14-26220

H. CLOSED SYSTEM=STEEL PITS PER OPERATOR OPTION

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.

HORIZONTAL HOLE 1

Sec 16 Twp 19N Rge 4W County LOGAN

Spot Location of End Point: NW NE NE NW

Feet From: NORTH 1/4 Section Line: 200

Feet From: EAST 1/4 Section Line: 449

Depth of Deviation: 5500

Radius of Turn: 1000

Direction: 360

Total Length: 4929

Measured Total Depth: 12000

True Vertical Depth: 6200

End Point Location from Lease,
Unit, or Property Line: 200

Notes:

Category

Description

LOCATION EXCEPTION - 610635

1/16/2014 - G30 - (I.O.) 16-19N-4W
X608644 MSSP, WDFD, OTHER
SHL NCT 200 FNL, NCT 200 FWL 15-19N-4W**
POE NCT 200 FNL, NCT 660 FEL 16-19N-4W
BHL NCT 200 FSL, NCT 660 FEL 16-19N-4W
SLAWSON EXPLORATION CO., INC.
4/22/13

**SHL TO BE CORRECTED AT HEARING FOR FINAL ORDER PER OPERATOR

SPACING - 608644

1/16/2014 - G30 - (640 HOR) 16-19N-4W
DEL 63648 MSSLM
EXT 603349 MSSP, WDFD, OTHER
POE TO BHL (MSSP) NCT 660' FB
POE TO BHL (WDFD) NCT 330' FB
(SUPERCEDE NON-DEVELOPED NON-HORIZONTAL SPACING UNIT)