

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

API NUMBER: 083 24021

Approval Date: 09/28/2012
Expiration Date: 03/28/2013

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 36 Twp: 19N Rge: 4W

County: LOGAN

SPOT LOCATION: NW SE SW SW

FEET FROM QUARTER: FROM SOUTH FROM WEST

SECTION LINES: 600 680

Lease Name: KRITTENBRINK

Well No: 1-1H

Well will be 600 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

JOHN KRITTENBRINK
409 RIVERSIDE DR
MOORE OK 73160

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

	Name	Depth	Name	Depth
1	MISSISSIPPIAN	5650	6	
2	WOODFORD	6030	7	
3			8	
4			9	
5			10	

Spacing Orders: 601699

Location Exception Orders: 602112

Increased Density Orders:

Pending CD Numbers:

Special Orders:

Total Depth: 11500

Ground Elevation: 998

Surface Casing: 370

Depth to base of Treatable Water-Bearing FM: 320

Under Federal Jurisdiction: No

Fresh Water Supply Well Drilled: No

Surface Water used to Drill: Yes

PIT 1 INFORMATION

Approved Method for disposal of Drilling Fluids:

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

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

PERMIT NO: 12-21500

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 01 Twp 18N Rge 4W County LOGAN

Spot Location of End Point: SW SE SW SW

Feet From: SOUTH 1/4 Section Line: 200

Feet From: WEST 1/4 Section Line: 680

Depth of Deviation: 4955

Radius of Turn: 1250

Direction: 180

Total Length: 5300

Measured Total Depth: 11500

True Vertical Depth: 6030

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

Notes:

Category

Description

LOCATION EXCEPTION - 602112

9/28/2012 - G30 - (I.O.) 1-18N-4W
X601699 MSSP, WDFD, OTHER
SHL NCT 200 FSL, NCT 200 FWL 36-19N-4W
POE NCT 200 FNL, NCT 660 FWL 1-18N-4W
BHL NCT 200 FSL, NCT 660 FWL 1-18N-4W
SLAWSON EXPLORATION CO. INC.
9/17/12

SPACING - 601699

9/28/2012 - G30 - (640 HOR) 1-18N-4W
DEL 122035 MSSLM
EST MSSP, WDFD, OTHER