

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

API NUMBER: 083 24272

Approval Date: 03/11/2014

Expiration Date: 09/11/2014

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 21 Twp: 19N Rge: 4W

County: LOGAN

SPOT LOCATION:

FEET FROM QUARTER: FROM SOUTH FROM WEST

SECTION LINES: 241 172

Lease Name: BELFORD

Well No: 1-21H

Well will be 172 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

BELFORD CATTLE COMPANY
16897 W. HWY 51
MARSHALL OK 73056

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

Name	Depth	Name	Depth
1 MISSISSIPPIAN	5800	6	
2 WOODFORD	6100	7	
3		8	
4		9	
5		10	

Spacing Orders: 621608

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201400111

Special Orders:

Total Depth: 11500

Ground Elevation: 965

Surface Casing: 260

Depth to base of Treatable Water-Bearing FM: 210

Under Federal Jurisdiction: No

Fresh Water Supply Well Drilled: No

Surface Water used to Drill: No

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 ALLUVIAL

Pit Location Formation: ALLUVIUM

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

PERMIT NO: 14-26563

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 21 Twp 19N Rge 4W County LOGAN

Spot Location of End Point: N2 NW NW NW

Feet From: NORTH 1/4 Section Line: 200

Feet From: WEST 1/4 Section Line: 330

Depth of Deviation: 5100

Radius of Turn: 1000

Direction: 360

Total Length: 4829

Measured Total Depth: 11500

True Vertical Depth: 6100

End Point Location from Lease,

Unit, or Property Line: 200

Notes:

Category

Description

PENDING CD - 201400111

3/11/2014 - G30 - 21-19N-4W
X201400108 MSSP, WDFD, OTHER
COMP. INT. NCT 200 FNL, NCT 200 FSL, NCT 660 FWL
NO OP. NAMED
REC 2/4/14 (STUCK)

SPACING - 621608

3/11/2014 - G30 - (640 HOR) 21-19N-4W
DEL 63648 MSSLM
EXT 608644 MSSP, WDFD, OTHER
POE TO BHL (MSSP) NCT 660' FB
POE TO BHL (WDFD) NCT 330' FB
(SUPERCEDE NON-DEVELOPED NON-HORIZONTAL SPACING UNITS)

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083 24272 BELFORD 1-21H