

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

API NUMBER: 083 24195 A

Approval Date: 09/27/2013
Expiration Date: 03/27/2014

Horizontal Hole Oil & Gas

Amend reason: CORRECT SURFACE HOLE LOCATION

AMEND PERMIT TO DRILL

WELL LOCATION: Sec: 34 Twp: 19N Rge: 4W

County: LOGAN

SPOT LOCATION: SW SW SE SE

FEET FROM QUARTER: FROM SOUTH FROM EAST

SECTION LINES: 186 1319

Lease Name: SPOONBILL

Well No: 1-34H

Well will be 186 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

EMMA NAVARTIL
14642 W. COUNTY RD. 65
CRESCENT OK 73028

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: 612863

Location Exception Orders: 613579

Increased Density Orders:

Pending CD Numbers:

Special Orders:

Total Depth: 11500

Ground Elevation: 948

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: 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 ALLUVIAL

Pit Location Formation: ALLUVIUM

Approved Method for disposal of Drilling Fluids:

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

PERMIT NO: 13-24512

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 34 Twp 19N Rge 4W County LOGAN

Spot Location of End Point: C N2 N2 NE

Feet From: NORTH 1/4 Section Line: 330

Feet From: EAST 1/4 Section Line: 1320

Depth of Deviation: 5500

Radius of Turn: 1000

Direction: 360

Total Length: 4429

Measured Total Depth: 11500

True Vertical Depth: 6200

End Point Location from Lease,
Unit, or Property Line: 330

Notes:

Category	Description
LOCATION EXCEPTION - 613579	9/27/2013 - G30 - (I.O.) 34-19N-4W X612863 MSSP, WDFD, OTHER COMP. INT. NCT 200 FNL, NCT 200 FSL, NCT 660 FEL SLAWSON EXPLORATION CO., INC. 7/9/13
SPACING - 612863	9/27/2013 - G30 - (640 HOR) 34-19N-4W EXT 591961 MSSP, OTHER EST OTHER POE TO BHL (MSSP) NCT 660' FB POE TO BHL (WDFD) NCT 330' FB (COEXIST WITH SP. 122035, HEARN, W2 SW4, API 083-50130; SUPERCEDE NON-DEVELOPED NON-HORIZONTAL SPACING UNITS)

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Office of the Conservation Division as to when Surface Casing will be run.