

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

API NUMBER: 129 23959

Approval Date: 06/05/2014

Expiration Date: 12/05/2014

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 15 Twp: 17N Rge: 25W

County: ROGER MILLS

SPOT LOCATION:

FEET FROM QUARTER: FROM SOUTH FROM WEST

SECTION LINES: 250 660

Lease Name: BERNARD

Well No: 1-15H

Well will be 250 feet from nearest unit or lease boundary.

Operator Name: CRAWLEY PETROLEUM CORPORATION

Telephone: 4052329700

OTC/OCC Number: 7980 0

CRAWLEY PETROLEUM CORPORATION
105 N HUDSON AVE STE 800
OKLAHOMA CITY, OK 73102-4803

JOHN EAKINS & DONNA EAKINS, TRUSTEES
7257 N. 1760 RD.
CRAWFORD OK 73638

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

Name	Depth	Name	Depth
1 CLEVELAND	9720	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 601750

Location Exception Orders: 620316

Increased Density Orders: 620245

Pending CD Numbers:

Special Orders:

Total Depth: 14200

Ground Elevation: 2347

Surface Casing: 590

Depth to base of Treatable Water-Bearing FM: 540

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: 70000 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: OGALLALA

Approved Method for disposal of Drilling Fluids:

A. Evaporation/dewater and backfilling of reserve pit.

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

PERMIT NO: 14-26211

H. SOIL COMPACTED PIT, NOTIFY DISTRICT PRIOR TO TESTING SOIL PIT LINER

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 15 Twp 17N Rge 25W County ROGER MILLS

Spot Location of End Point: C N2 NW NW

Feet From: NORTH 1/4 Section Line: 330

Feet From: WEST 1/4 Section Line: 660

Depth of Deviation: 9077

Radius of Turn: 573

Direction: 360

Total Length: 4223

Measured Total Depth: 14200

True Vertical Depth: 9720

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

Notes:

Category	Description
INCREASED DENSITY - 620245	6/5/2014 - G75 - 15-17N-25W X601750 CLVD 1 WELL CRAWLEY PETRO. CORP. 1-13-2014
LOCATION EXCEPTION - 620316	6/5/2014 - G75 - (I.O.) 15-17N-25W X601750 CLVD COMPL. INT. NCT 300 FSL, NCT 300 FNL, NCT 600 FWL CRAWLEY PETRO. CORP. 1-14-2014
SPACING - 601750	6/5/2014 - G75 - (640) 15-17N-25W EXT 337236 CLVD

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129 23959 BERNARD 1-15H