

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

API NUMBER: 045 23435

Approval Date: 02/12/2014  
Expiration Date: 08/12/2014

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 28 Twp: 17N Rge: 24W County: ELLIS  
SPOT LOCATION:  SW  SW  SW  SE FEET FROM QUARTER: FROM SOUTH FROM EAST  
SECTION LINES: 250 2500

Lease Name: MILLER Well No: 10-28H 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

MR. ED MILLER  
HCR 63 BOX 47  
ARNETT OK 73832

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

Name	Depth	Name	Depth
1 CLEVELAND	9786	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 138264

Location Exception Orders:

Increased Density Orders: 620966

Pending CD Numbers: 201308425

Special Orders:

Total Depth: 14300

Ground Elevation: 2246

**Surface Casing: 440**

Depth to base of Treatable Water-Bearing FM: 390

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 AP/TE DEPOSIT

Pit Location Formation: TERRACE

Approved Method for disposal of Drilling Fluids:

A. Evaporation/dewater and backfilling of reserve pit.

D. One time land application -- (REQUIRES PERMIT) PERMIT NO: 14-26210

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 28 Twp 17N Rge 24W County ELLIS

Spot Location of End Point: N2 N2 N2 N2

Feet From: NORTH 1/4 Section Line: 300

Feet From: EAST 1/4 Section Line: 2640

Depth of Deviation: 9200

Radius of Turn: 573

Direction: 358

Total Length: 4200

Measured Total Depth: 14300

True Vertical Depth: 9786

End Point Location from Lease,  
Unit, or Property Line: 300

Notes:

Category

Description

INCREASED DENSITY - 620966

2/12/2014 - G30 - 28-17N-24W  
X138264 CLVD  
1 WELL  
CRAWLEY PETROLEUM CORPORATION  
1/28/14

MEMO

2/10/2014 - G71 - NO DSC - LC IN 28-17N-24W

PENDING CD - 201308425

2/12/2014 - G30 - 28-17N-24W  
X138264 CLVD  
COMP. INT. NCT 300 FNL, NCT 300 FSL, NCT 1320 FEL  
NO OP. NAMED  
REC 1/14/14 (OSBURN)

SPACING - 138264

2/12/2014 - G30 - (640) 28-17N-24W  
EXT 131528 CLVD, OTHERS  
EXT OTHERS