

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

API NUMBER: 119 24331

Approval Date: 02/04/2015

Expiration Date: 08/04/2015

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 01 Twp: 18N Rge: 5E

County: PAYNE

SPOT LOCATION: ☐ NW ☐ NE ☐ NW ☐ NW

FEET FROM QUARTER: FROM NORTH FROM WEST

SECTION LINES: 295 805

Lease Name: HARMONY ROAD 1

Well No: 1-36MH

Well will be 295 feet from nearest unit or lease boundary.

Operator Name: CROWN ENERGY COMPANY

Telephone: 4055260111

OTC/OCC Number: 19779 0

CROWN ENERGY COMPANY
1117 NW 24TH ST
OKLAHOMA CITY, OK 73106-5615

LINDA LEE HILL
7311 LANCET LANE
OKLAHOMA CITY OK 73102

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

Name	Depth	Name	Depth
1 MISSISSIPPIAN	3380	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 615640

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201409252

Special Orders:

Total Depth: 8494

Ground Elevation: 856

Surface Casing: 750

Depth to base of Treatable Water-Bearing FM: 670

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? Y

Wellhead Protection Area? Y

Pit is located in a Hydrologically Sensitive Area.

Category of Pit: C

Liner not required for Category: C

Pit Location is AP/TE DEPOSIT

Pit Location Formation: TERRACE

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

PERMIT NO: 15-29534

H. CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST

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 36 Twp 19N Rge 5E County PAYNE

Spot Location of End Point: NW NE NW NW

Feet From: SOUTH 1/4 Section Line: 2465

Feet From: WEST 1/4 Section Line: 763

Depth of Deviation: 2710

Radius of Turn: 730

Direction: 356

Total Length: 4637

Measured Total Depth: 8494

True Vertical Depth: 3499

End Point Location from Lease,

Unit, or Property Line: 175

Notes:

Category

Description

PENDING CD - 201409252

2/4/2015 - G91 - (I.O.) 36-19N-5E
X615640 MSSP
COMPL. INT. NCT 150 FNL, NCT 150 FSL, NCT 330 FWL
NO OP. NAMED
REC. 1-12-2015 (DUNN)

PUBLIC WATER SUPPLY/WELLHEAD
PROTECTION AREA

2/4/2015 - G71 - YALE - 3 PWS/WPA, SE/4 36-19N-5E

SPACING - 615640

2/4/2015 - G91 - (640)(HOR) 36-19N-5E
EST MSSP, OTHERS
POE TO BHL NCT 660' FB

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119 24331 HARMONY ROAD 1 1-36MH