

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

API NUMBER: 119 24221

Approval Date: 05/08/2014
Expiration Date: 11/08/2014

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 06 Twp: 18N Rge: 5E County: PAYNE
SPOT LOCATION: NE NE NW NE FEET FROM QUARTER: FROM SOUTH FROM WEST
SECTION LINES: 2425 1045

Lease Name: RYDER Well No: 1-6MH Well will be 210 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

WILLIAM R & CAROL ANN CUBBAGE
PO BOX 550
CUSHING OK 74023

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

Name	Depth	Name	Depth
1	MISSISSIPPIAN	3400	6
2			7
3			8
4			9
5			10

Spacing Orders: 621132

Location Exception Orders: 201400994

Increased Density Orders:

Pending CD Numbers:

Special Orders:

Total Depth: 8500

Ground Elevation: 825

Surface Casing: 380

Depth to base of Treatable Water-Bearing FM: 330

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: 4000 Average: 2000

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 AP/TE DEPOSIT

Pit Location Formation: TERRACE

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

PERMIT NO: 14-26635

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 06 Twp 18N Rge 5E County PAYNE

Spot Location of End Point: W2 SE SE SE

Feet From: SOUTH 1/4 Section Line: 330

Feet From: WEST 1/4 Section Line: 2300

Depth of Deviation: 2885

Radius of Turn: 650

Direction: 165

Total Length: 4600

Measured Total Depth: 8500

True Vertical Depth: 3550

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

Notes:

Category	Description
PENDING CD - 201400994	5/8/2014 - G72 - 6-18N-5E X 612132 MSSP, OTHERS; SHL 210 FNL 1585 FEL; COMP INT. NCT 330 FNL NCT 330 FSL 330 FEL; CROWN ENERGY CO. REC 3/11/2014 (MCKOWEN)
SPACING -621132	5/8/2014 - G72 - (640) HORZ 6-18N-5E EST MSSP, OTHERS;
SURFACE CASING	5/8/2014 - G71 - 750' SURFACE CASING REQUIRED PER CITY OF CUSHING

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