

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 A

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

Horizontal Hole Oil & Gas

Amend reason: OCC CORRECTION

AMEND 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

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

Approved Method for disposal of Drilling Fluids:

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;

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.

API 119 24221



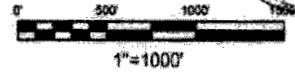
# Well Location Plat

Sec. 6-18N-5E I.M.

Operator: CROWN ENERGY COMPANY  
 Lease Name and No.: ~~CUSBAOE #1-6MH~~ **RYDER 1-6MH**  
 Footage: 210' FNL - 1585' FEL GR. ELEVATION: 825' Good Site? YES  
 Section: 6 Township: 18N Range: 5E I.M.  
 County: Payne State of Oklahoma  
 Alternate Loc.: N/A  
 Terrain at Loc.: Stake fell in open, flat pasture, ±185' South of E-W RW fence.

Accessibility: From the South.

Directions: From the junction of Hwy 33 & Hwy 18 in Cushing, OK. Go North on Hwy 18 6.0 mile to "EW 65 RD." Go West on "EW 65 RD." 2.0 miles to the Northeast Corner of Section 6-18N-5E.



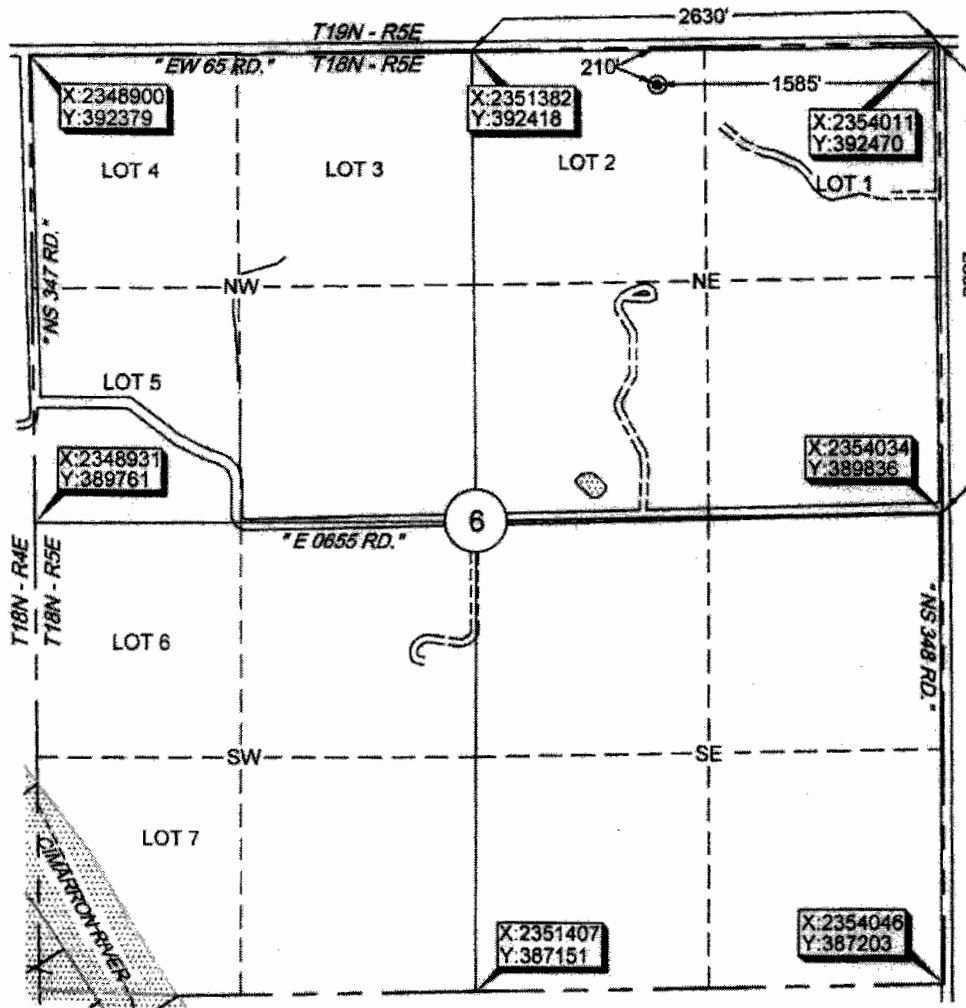
GPS DATUM  
 NAD - 27  
 OK NORTH ZONE

Surface Hole Loc.:  
 Lat: 36°04'17.70"N  
 Lon: 96°48'26.88"W  
 X: 2352428  
 Y: 392229

NOTE: X and Y data shown hereon for Section Corners may NOT have been surveyed on-the-ground, and further, does NOT represent a true Boundary Survey.

Please note that this location was staked on the ground under the supervision of a Licensed Professional Land Surveyor, but the accuracy of this survey is not guaranteed. Please contact Arkoma Surveying and Mapping promptly if any inconsistency is determined. GPS data is observed from RTK - GPS.

Quarter Section distances may be assumed from a Government Survey Plat or assumed at a proportionate distance from opposing section corners, or occupation thereof, and may not have been measured on-the-ground, and further, does not represent a true boundary survey.



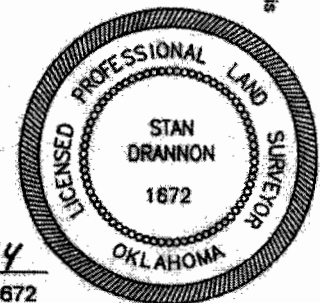
survey and plat by,  
**Arkoma Surveying and Mapping, PLLC**  
 P.O. Box 238 Wilburton, OK 74578  
 Ph. 918-465-5711 Fax 918-465-5030

Certificate of Authorization No. 5348  
 Expires June 30, 2014

Invoice #4359  
 Date Staked: 02/05/14 By: Z.D.  
 Date Drawn: 02/06/14 By: E.D.

**Certification:**  
 This is to certify that this Well Location Plat represents the results of a survey made on the ground performed under the supervision of the undersigned.

*Stan Drannon* 2/7/14  
**STAN DRANNON** OK LPLS 1672



CD-2014-994-T