

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

API NUMBER: 017 24707

Approval Date: 09/25/2014  
Expiration Date: 03/25/2015

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 04 Twp: 12N Rge: 6W County: CANADIAN  
SPOT LOCATION:  NE  NW  NW  NE FEET FROM QUARTER: FROM NORTH FROM EAST  
SECTION LINES: 300 2085

Lease Name: CANNON 1306 Well No: 1-33WH Well will be 300 feet from nearest unit or lease boundary.  
Operator Name: PAYROCK ENERGY LLC Telephone: 4056084513 OTC/OCC Number: 23215 0

PAYROCK ENERGY LLC  
13909 QUAIL POINTE DR  
OKLAHOMA CITY, OK 73134-1029

LYNN D. WILDS  
3021 NORTH HOLLOWAY DRIVE  
BETHANY OK 73008

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

Name	Depth	Name	Depth
1 WOODFORD	8935	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 615677

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers:

Special Orders:

Total Depth: 14394

Ground Elevation: 1339

**Surface Casing: 640**

Depth to base of Treatable Water-Bearing FM: 390

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: 5000 Average: 4000

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

Approved Method for disposal of Drilling Fluids:

E. Haul to Commercial pit facility: Sec. 31 Twn. 12N Rng. 8W Cnty. 17 Order No: 587498

H. SEE MEMO

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.

PIT 2 INFORMATION

Type of Pit System: CLOSED Closed System Means Steel Pits

Type of Mud System: OIL BASED

Chlorides Max: 300000 Average: 225000

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

HORIZONTAL HOLE 1

Sec 33 Twp 13N Rge 6W County CANADIAN

Spot Location of End Point: N2 NW NE NE

Feet From: NORTH 1/4 Section Line: 65

Feet From: EAST 1/4 Section Line: 990

Depth of Deviation: 8395

Radius of Turn: 540

Direction: 10

Total Length: 5151

Measured Total Depth: 14394

True Vertical Depth: 8935

End Point Location from Lease,  
Unit, or Property Line: 65

Notes:

Category

Description

COMPLETION INTERVAL

9/24/2014 - G75 - FIRST PERFORATION TO LAST PERFORATION WILL BE GREATER THAN 165' FSL & FNL PER OPERATOR

MEMO

6/23/2014 - G71 - PIT 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST; PIT 2 - OBM TO VENDOR, OBM CUTTINGS PER DISTRICT

PUBLIC WATER SUPPLY WELL

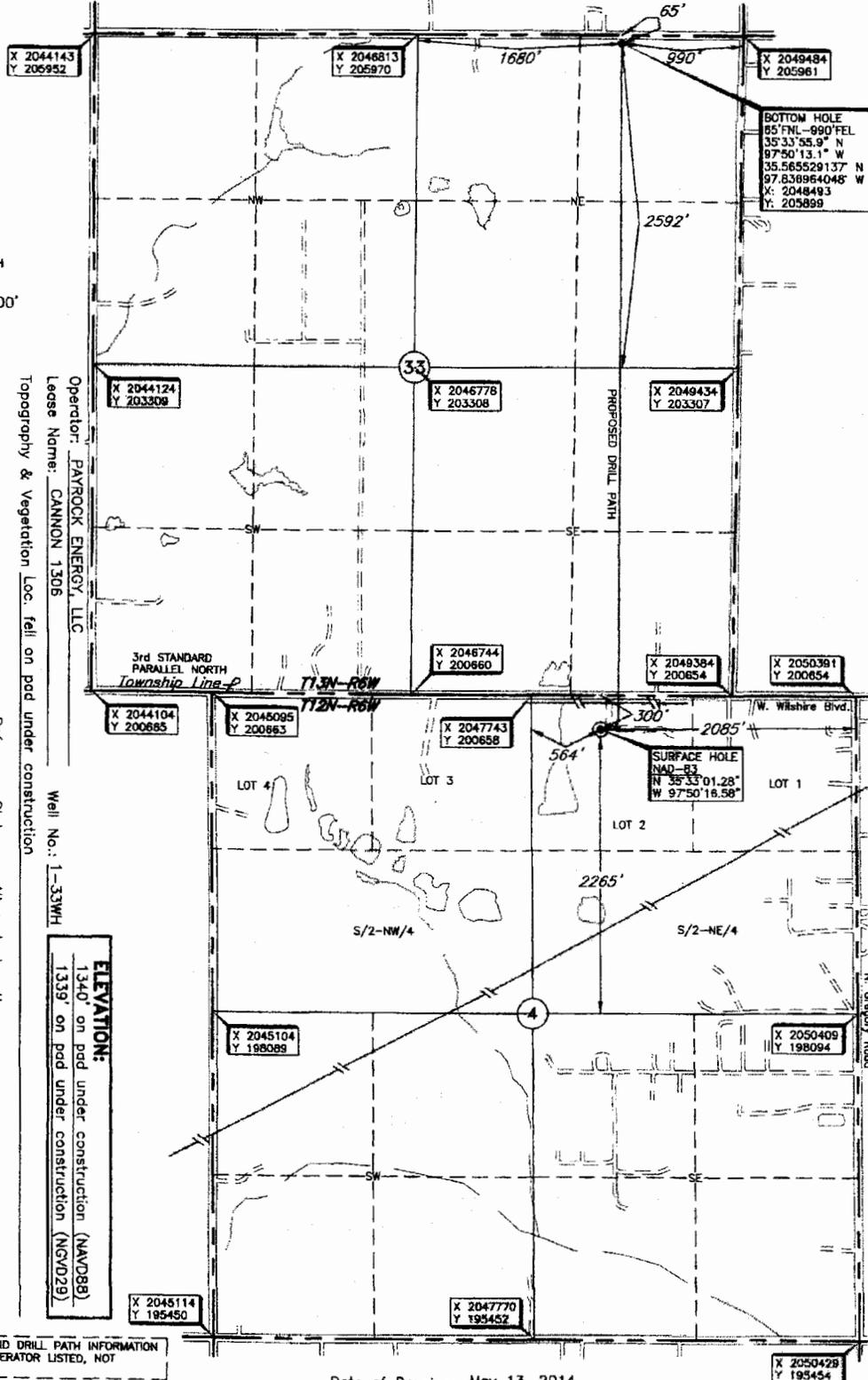
6/23/2014 - G71 - CANADIAN CO. RWD #4, 1 PWS/WPA, SE4 4-12N-6W

SPACING - 615677

9/24/2014 - G75 - (640)(HOR) 33-13N-6W  
EST WDFD, OTHERS  
POE TO BHL NLT 330' FEL & FWL, NLT 165' FNL & FSL  
(SUPERSEDE NON-PRODUCING NON-HORIZONTAL SPACING UNITS)

API 017-24707

CANADIAN County, Oklahoma  
 300' FNL - 2085' FEL Section 4 Township 12N Range 6W I.M.



Operator: PATROCK ENERGY, LLC  
 Lease Name: CANNON 1305  
 Topography & Vegetation Loc. fell on pod under construction  
 Well No.: 1-33WH  
 ELEVATION:  
 1340' on pod under construction (NAVD83)  
 1339' on pod under construction (NGVD29)  
 Reference Stakes or Alternate Location  
 Stakes Set None  
 Good Drill Site? Yes  
 Best Accessibility to Location From North off county road  
 Distance & Direction from Hwy Jct or Town The junction of Gregory Road and Wilshire Boulevard is at the Northeast Corner of Section 4, T12N - R6W.

BOTTOM HOLE AND DRILL PATH INFORMATION PROVIDED BY OPERATOR LISTED, NOT SURVEYED.

DATUM: NAD-27  
 LAT: 35°33'01.1" N  
 LONG: 97°50'15.4" W  
 LAT: 35.550304107° N  
 LONG: 97.837615335° W  
 STATE PLANE COORDINATES (US FEET):  
 ZONE: OK NORTH  
 X: 2048308  
 Y: 200357

Date of Drawing: May 13, 2014  
 Invoice # 222664A Date Staked: Feb. 24, 2014 NMB

**CERTIFICATE:**  
 I, Thomas L. Howell a Oklahoma Licensed Land Surveyor and an authorized agent of Topographic Land Surveyors of Oklahoma, do hereby certify to the information shown herein.  
Thomas L. Howell  
 Oklahoma Lic. No. 1433

