

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

API NUMBER: 017 24767

Approval Date: 03/24/2015

Expiration Date: 09/24/2015

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 25 Twp: 13N Rge: 7W

County: CANADIAN

SPOT LOCATION: S2 SW SW SE

FEET FROM QUARTER: FROM NORTH FROM EAST

SECTION LINES: 165 2310

Lease Name: BRODERSON 1307

Well No: 1-25WH

Well will be 165 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

ALLAN ALBERT ANDERSON
16260 NORTH COUNTRY CLUB ROAD
OKARCHE OK 73762

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

Name	Depth	Name	Depth
1 WOODFORD	9318	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 137959

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201408609

Special Orders:

Total Depth: 14725

Ground Elevation: 1388

Surface Casing: 1000

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: 5000 Average: 3000

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

Is depth to top of ground water greater than 10ft below base of pit? Y

H. CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST

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

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? 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

HORIZONTAL HOLE 1

Sec 25 Twp 13N Rge 7W County CANADIAN

Spot Location of End Point: N2 NW NW NE

Feet From: NORTH 1/4 Section Line: 65

Feet From: EAST 1/4 Section Line: 2310

Depth of Deviation: 8944

Radius of Turn: 444

Direction: 360

Total Length: 5083

Measured Total Depth: 14725

True Vertical Depth: 9318

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

Notes:

Category

Description

DEEP SURFACE CASING

3/24/2015 - G71 - APPROVED CONTINGENT ON NOTIFYING OCC FIELD STAFF IMMEDIATELY OF ANY LOSS OF CIRCULATION OR FAILURE TO CIRCULATE CEMENT TO SURFACE ON ANY CONDUCTOR OR SURFACE CASING

PENDING CD - 201408609

3/24/2015 - G76 - (I.O.) 25-13N-7W
X137959 WDFD
XOTHERS
COMPL. INT. NCT 165 FSL, NCT 165 FNL, NCT 1980 FEL, NCT 1980 FWL
NO OP. NAMED
REC. 12/9/2014 (NORRIS)

SPACING - 137959

3/24/2015 - G76 - (640) 25-13N-7W
EST WDFD

This permit does not address the right of entry or settlement of surface damages.

017 24767 BRODERSON 1307 1-25WH

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