

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

API NUMBER: 085 21197

Approval Date: 11/25/2013
Expiration Date: 05/25/2014

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 03 Twp: 7S Rge: 1E

County: LOVE

SPOT LOCATION: SW SE SW SW

FEET FROM QUARTER: FROM SOUTH FROM WEST

SECTION LINES: 280 950

Lease Name: HART

Well No: 1-3H

Well will be 280 feet from nearest unit or lease boundary.

Operator Name: XTO ENERGY INC

Telephone: 8178852283

OTC/OCC Number: 21003 0

XTO ENERGY INC
810 HOUSTON ST
FORT WORTH, TX 76102-6203

JOHN WESLEY HART & LEANN S. HART
6988 NEW HOPE ROAD
MARLETTA OK 73448

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

| | Name | Depth | Name | Depth |
|---|----------|-------|------|-------|
| 1 | CANEY | 13560 | 6 | |
| 2 | WOODFORD | 14370 | 7 | |
| 3 | HUNTON | 14550 | 8 | |
| 4 | | | 9 | |
| 5 | | | 10 | |

Spacing Orders: No Spacing

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201306863
201306864

Special Orders:

Total Depth: 19400

Ground Elevation: 936

Surface Casing: 1990

Depth to base of Treatable Water-Bearing FM: 700

Under Federal Jurisdiction: No

Fresh Water Supply Well Drilled: Yes

Surface Water used to Drill: Yes

PIT 1 INFORMATION

Type of Pit System: ON SITE

Type of Mud System: AIR

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: 4

Liner not required for Category: 4

Pit Location is ALLUVIAL

Pit Location Formation: ALLUVIUM

Mud System Change to Water-Based or Oil-Based Mud Requires an Amended Intent (Form 1000).

Approved Method for disposal of Drilling Fluids:

A. Evaporation/dewater and backfilling of reserve pit.

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

H. SEE MEMO

PERMIT NO: 13-24959

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: 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? 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 ALLUVIAL

Pit Location Formation: ALLUVIUM

PIT 3 INFORMATION

Type of Pit System: CLOSED Closed System Means Steel Pits

Type of Mud System: OIL BASED

Chlorides Max: 300000 Average: 200000

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 ALLUVIAL

Pit Location Formation: ALLUVIUM

HORIZONTAL HOLE 1

Sec 03 Twp 7S Rge 1E County LOVE

Spot Location of End Point: NE NW NW NW

Feet From: NORTH 1/4 Section Line: 10

Feet From: WEST 1/4 Section Line: 450

Depth of Deviation: 13734

Radius of Turn: 636

Direction: 350

Total Length: 4667

Measured Total Depth: 19400

True Vertical Depth: 14550

End Point Location from Lease,
Unit, or Property Line: 10

Notes:

| Category | Description |
|---------------------|--|
| DEEP SURFACE CASING | 11/22/2013 - G71 - APPROVED; NOTIFY OCC FIELD INSPECTOR IMMEDIATELY FOR ANY LOSS OF CIRCULATION OR FAILURE TO CIRCULATE CEMENT TO SURFACE ON CONDUCTOR OR SURFACE CASING |
| MEMO | 11/22/2013 - G71 - PIT 2 & 3 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST; PIT 3 - OBM TO VENDOR, OBM CUTTINGS PER DISTRICT |

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| Category | Description |
|------------------------|---|
| PENDING CD - 201306863 | 11/22/2013 - G75 - (640) 3-7S-1E EXT 119140 CNEY EXT 248343 WDFD, HNTN, OTHERS EST OTHERS REC 11-12-2013 (CANDLER) |
| PENDING CD - 201306864 | 11/22/2013 - G75 - (I.O.) 3-7S-1E X201306863 CNEY, WDFD, HNTN, OTHERS SHL 280 FSL, 950 FWL FIRST PERF NCT 165 FSL, NCT 330 FWL LAST PERF NCT 165 FNL, NCT 330 FWL NO OP. NAMED REC 11-12-2013 (CANDLER) |

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