

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

API NUMBER: 085 21193

Approval Date: 09/25/2013
Expiration Date: 03/25/2014

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 03 Twp: 7S Rge: 1W County: LOVE
SPOT LOCATION: NE NE NW NE FEET FROM QUARTER: FROM NORTH FROM EAST
SECTION LINES: 250 1360

Lease Name: MANNING Well No: 1-3H Well will be 250 feet from nearest unit or lease boundary.
Operator Name: XTO ENERGY INC Telephone: 4052324011 OTC/OCC Number: 21003 0

XTO ENERGY INC
210 PARK AVE STE 2350
OKLAHOMA CITY, OK 73102-5683

ANNIE IRENE MANNING
2008 GREENBRIAR DRIVE
GAINESVILLE TX 76240

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

| | Name | Depth | Name | Depth |
|---|----------|-------|------|-------|
| 1 | CANEY | 11170 | 6 | |
| 2 | SYCAMORE | 11350 | 7 | |
| 3 | WOODFORD | 11935 | 8 | |
| 4 | HUNTON | 12100 | 9 | |
| 5 | | | 10 | |

Spacing Orders: No Spacing

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201305502
201305504

Special Orders:

Total Depth: 16150 Ground Elevation: 724 **Surface Casing: 1990** Depth to base of Treatable Water-Bearing FM: 630

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: 13-24237

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 1W County LOVE

Spot Location of End Point: SW SE SE SE

Feet From: SOUTH 1/4 Section Line: 1

Feet From: EAST 1/4 Section Line: 400

Depth of Deviation: 10054

Radius of Turn: 636

Direction: 170

Total Length: 5097

Measured Total Depth: 16150

True Vertical Depth: 12100

End Point Location from Lease,
Unit, or Property Line: 1

Notes:

| Category | Description |
|---------------------|---|
| DEEP SURFACE CASING | 9/24/2013 - 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 | 9/24/2013 - 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 - 201305502 | 9/24/2013 - G75 - (640) 3-7S-1W VAC OTHER VAC 180128 HNTN EST CNEY, SCMR, WDFD, HNTN, OTHERS REC 9-24-2013 (LEAVITT) |
| PENDING CD - 201305504 | 9/24/2013 - G75 - (I.O.) 3-7S-1W X201305502 CNEY, SCMR, WDFD, HNTN, OTHERS SHL 250 FNL, 1360 FEL FIRST PERF NCT 165 FNL, NCT 330 FEL LAST PERF NCT 165 FSL, NCT 330 FEL NO OP. NAMED REC 9-24-2013 (LEAVITT) |

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