

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

API NUMBER: 019 26138

Approval Date: 09/26/2014

Expiration Date: 03/26/2015

Horizontal Hole

Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 10 Twp: 3S Rge: 3W

County: CARTER

SPOT LOCATION: ☐ SW ☐ SE ☐ SE ☐ SE

FEET FROM QUARTER: FROM SOUTH FROM EAST

SECTION LINES: 270 625

Lease Name: GORDON

Well No: 1-10H14

Well will be 270 feet from nearest unit or lease boundary.

Operator Name: XTO ENERGY INC

Telephone: 8178853255

OTC/OCC Number: 21003 0

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

TOMMY K. & EMMA GORDON
64578 STATE HWY. 53
HEALDTON OK 73438

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

	Name	Depth	Name	Depth
1	CANEY	10460	6	
2	SYCAMORE	11210	7	
3	WOODFORD	11490	8	
4	HUNTON	11642	9	
5			10	

Spacing Orders: 627788

Location Exception Orders: 628607

Increased Density Orders:

Pending CD Numbers:

Special Orders:

Total Depth: 17000

Ground Elevation: 993

Surface Casing: 1990

Depth to base of Treatable Water-Bearing FM: 1240

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 BED AQUIFER

Pit Location Formation: WELLINGTON

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)

PERMIT NO: 14-28087

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: 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 BED AQUIFER

Pit Location Formation: WELLINGTON

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 BED AQUIFER

Pit Location Formation: WELLINGTON

HORIZONTAL HOLE 1

Sec 14 Twp 3S Rge 3W County CARTER

Spot Location of End Point: SE NE SE NE

Feet From: NORTH 1/4 Section Line: 1900

Feet From: EAST 1/4 Section Line: 20

Depth of Deviation: 10339

Radius of Turn: 1000

Direction: 106

Total Length: 5090

Measured Total Depth: 17000

True Vertical Depth: 11642

End Point Location from Lease,

Unit, or Property Line: 20

Notes:

Category

Description

DEEP SURFACE CASING

8/22/2014 - G71 - APPROVED; NOTIFY OCC FIELD INSPECTOR IMMEDIATELY FOR ANY LOSS OF CIRCULATION OR FAILURE TO CIRCULATE CEMENT TO SURFACE ON CONDUCTOR OR SURFACE CASING

LOCATION EXCEPTION - 628607

9/26/2014 - G75 - (I.O.)
X627788 CNEY, SCMR, WDFD, HNTN
SHL 270 FSL, 625 FEL 10-3S-3W
COMPL. INT NCT 330 FNL, NCT 165 FWL, NCT 165 FEL 14-3S-3W
XTO ENERGY INC.
8-1-2014

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

019 26138 GORDON 1-10H14

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.

Category	Description
MEMO	8/22/2014 - G71 - PIT 2 & 3 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST; PIT 3 - OBM TO VENDOR, OBM CUTTINGS PER DISTRICT
SPACING - 627788	9/26/2014 - G75 - (640) 14-3S-3W EXT 612259 CNEY, SCMR, WDFD, HNTN

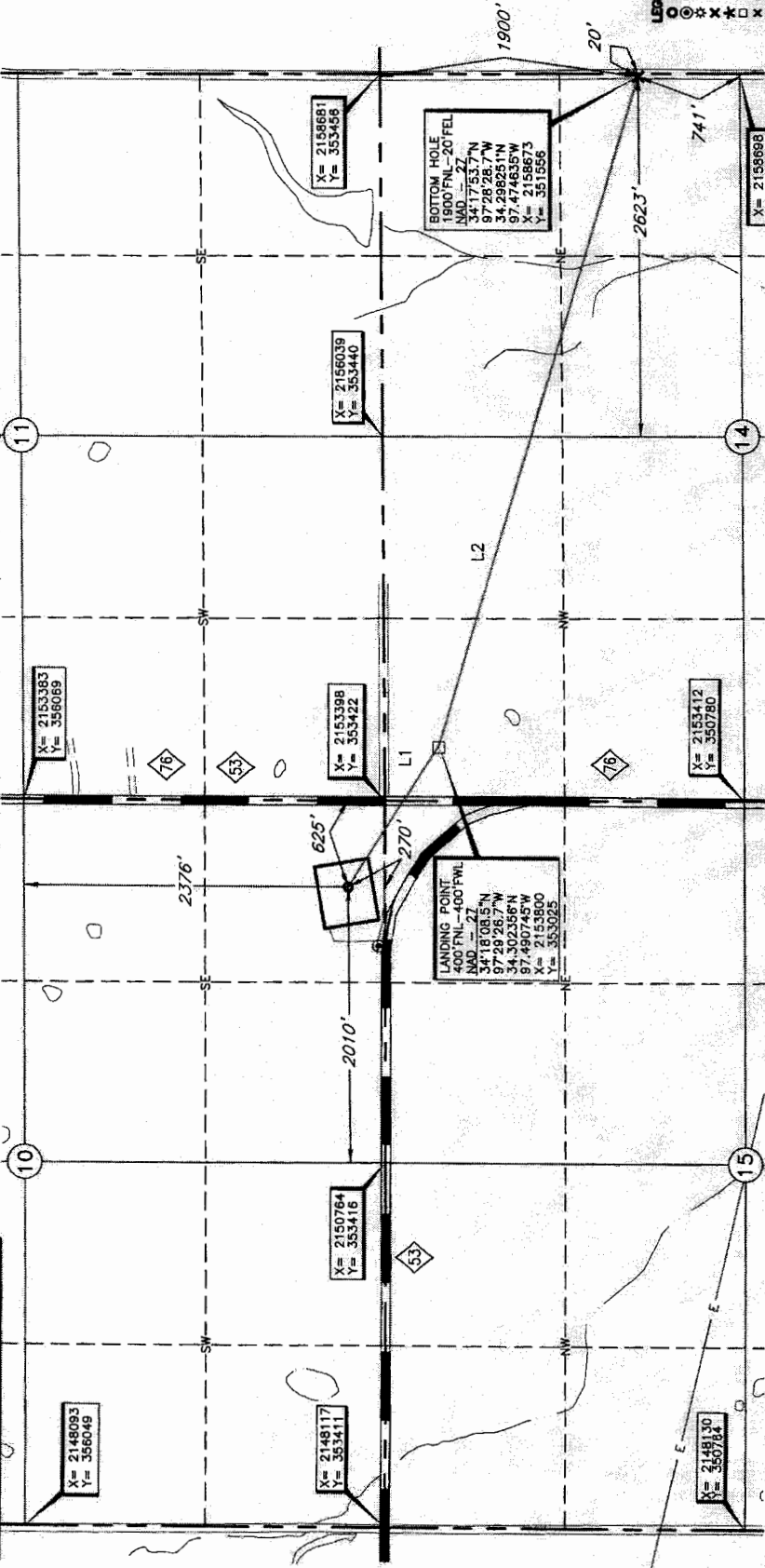
ARI 019-26138

TOPOGRAPHIC LAND SURVEYORS OF OKLAHOMA
 6709 NORTH GLASSEN BLVD., OKLA. CITY, OKLA. 73116 • LOCAL (405) 843-4847 • OUT OF STATE (800) 854-3219
 Certificate of Authorization No. 1293

CARTER County, Oklahoma

270' FSL-625' FEL Section 10 Township 3S Range 3W 1/4 M.

LINE TABLE		
LINE	AZIMUTH	LENGTH
L1	122.919402°	1225'
L2	106.772477°	5090'



BOTTOM HOLE, LANDING POINT, AND DRILL PATH INFORMATION PROVIDED BY OPERATOR LISTED. NOT SURVEYED. DISTANCE BETWEEN DRILL PATHS ARE CALCULATED AND CORNER COORDINATES ARE TAKEN FROM POINTS SURVEYED IN THE FIELD.

Well No.: 1-10H14
 ELEVATION: 993' Gr. at Stake

Operator: XTO ENERGY, INC.

Lease Name: GORDON

Topography & Vegetation Loc. fell in wooded area

Good Drill Site? Yes

Reference Stakes or Alternate Location Stakes Set From South off St Hwy 53

Best Accessibility to Location

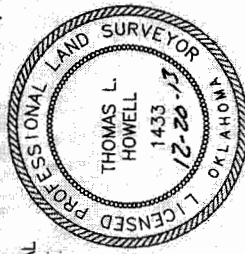
Distance & Direction From Hwy Jct or Town From Jct. of St Hwy 76 N-S and St Hwy 73 West, go 0.2 mi. North on St Hwy 76/53 to the SE corner of Section 10-T3S-R3W

Invoice # 212480 Date Drawn: Dec. 16, 2013 Date Staked: Dec. 13, 2013

CERTIFICATE:

I, Thomas L. Howell, a Oklahoma Licensed Land Surveyor and an authorized agent of Topographic Land Surveyors of Oklahoma, do hereby certify that the above described well location was surveyed and staked on the ground as shown herein.

Signature: *Thomas L. Howell*
 Oklahoma Lic. No. 1433



- LEGEND:**
- PROPOSED SURFACE HOLE (PSHL)
 - CONDUCTOR PIPE (CP)
 - ✕ EXISTING WELL OR PRODUCTION WELL
 - ✕ ABANDONED WELL
 - ✕ PER O.C.L.O. RECORDS
 - ✕ PROPOSED LANDING POINT (LP)
 - ✕ PROPOSED BOTTOM HOLE (PBHL)
 - ✕ PROPOSED OTHER LATERAL LINES (PLL)

This information was gathered with a GPS receiver with ±1 foot Horiz./Vert. accuracy.

GPS DATUM: NAD-27
 LAT: 34°18'15.1"N
 LONG: 97°29'38.9"W
 LAT: 34°30'42.00"N
 LONG: 97°49'41.40"W

STATE PLANE COORDINATES:
 ZONE: OK SOUTH
 X: 2152771
 Y: 353691

GRID NAD-27
 OKLA. South
 US Feet
 1" = 1000'