

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

API NUMBER: 095 20627 A

Approval Date: 11/08/2013  
Expiration Date: 05/08/2014

Horizontal Hole Oil & Gas

Amend reason: RE-ARRANGED SURFACE HOLE LOCATIONS BETWEEN GALILEO 2-6H1 AND GALILEO 4-6H1.

AMEND PERMIT TO DRILL

WELL LOCATION: Sec: 06 Twp: 6S Rge: 7E County: MARSHALL  
SPOT LOCATION:  NW  SW  SW  SW FEET FROM QUARTER: FROM SOUTH FROM WEST  
SECTION LINES: 408 275

Lease Name: GALILEO Well No: 2-6H1 Well will be 275 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

R.L. JOHNSON COMPANY  
3998 SILO ROAD  
DURANT OK 74701

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

Name	Depth	Name	Depth
1 WOODFORD	6335	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 576256 Location Exception Orders: 616455 Increased Density Orders: 616654  
616454

Pending CD Numbers: Special Orders:

Total Depth: 11860 Ground Elevation: 752 **Surface Casing: 1200** Depth to base of Treatable Water-Bearing FM: 730

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 not located in a Hydrologically Sensitive Area.

Category of Pit: 4

Liner not required for Category: 4

Pit Location is NON HSA

Pit Location Formation: BOKCHITO

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: 13-24432

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: 8000 Average: 5000

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 not located in a Hydrologically Sensitive Area.

Category of Pit: C

Liner not required for Category: C

Pit Location is NON HSA

Pit Location Formation: BOKCHITO

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 not located in a Hydrologically Sensitive Area.

Category of Pit: C

Liner not required for Category: C

Pit Location is NON HSA

Pit Location Formation: BOKCHITO

HORIZONTAL HOLE 1

Sec 01 Twp 6S Rge 6E County MARSHALL

Spot Location of End Point: SW SW NW SW

Feet From: SOUTH 1/4 Section Line: 1620

Feet From: WEST 1/4 Section Line: 1

Depth of Deviation: 4983

Radius of Turn: 1000

Direction: 270

Total Length: 5125

Measured Total Depth: 11860

True Vertical Depth: 6400

End Point Location from Lease,

Unit, or Property Line: 1

Notes:

Category

Description

DEEP SURFACE CASING

11/5/2013 - 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

EXCEPTION TO RULE - 616454

11/8/2013 - G30 - 1-6S-6E  
EXCEPTION TO RULE WELL NCT 500' TO GALILEO 1-6H (API 095-20547)  
NO OP. NAMED  
9/30/13

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Category	Description
INCREASED DENSITY - 616654	11/8/2013 - G30 - 1-6S-6E X576256 WDFD 7 WELLS XTO ENERGY INC. 10/4/13
LOCATION EXCEPTION - 616455	11/8/2013 - G30 - (I.O.) 1-6S-6E X576256 WDFD SHL 408 FSL, 235 FWL 6-6S-7E** COMP. INT. NCT 330 FSL, NCT 165 FEL, NCT 165 FWL 1-6S-6E XTO ENERGY INC. 9/30/13  **SHL TO BE CORRECTED AT HEARING FOR FINAL ORDER LOCATION EXCEPTION PER OPERATOR
MEMO	11/5/2013 - G71 - PITS 2 & 3 - CLOSED SYSTEM=STEEL PITS PER OPERATOR OPTION, PIT 3 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT
SPACING - 576256	11/8/2013 - G30 - (640) 1-6S-6E REFORM 40136 WDFD EXT OTHERS

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