



RAILROAD COMMISSION OF TEXAS

Form W-2

1701 N. Congress
P.O. Box 12967
Austin, Texas 78701-2967

Status: Approved
Date: 07/21/2017
Tracking No.: 174280

OIL WELL POTENTIAL TEST, COMPLETION OR RECOMPLETION REPORT, AND LOG

OPERATOR INFORMATION

Operator Name: XTO ENERGY INC. Operator No.: 945936
Operator Address: ATTN DEEANN KEMP 500 WEST ILLINOIS STE 100 MIDLAND, TX 79701-0000

WELL INFORMATION

API No.: 42-003-47443 County: ANDREWS
Well No.: 7318 RRC District No.: 08
Lease Name: FULLERTON CLEARFORK UNIT Field Name: FULLERTON
RRC Lease No.: 01770 Field No.: 33230001
Location: Section: 6, Block: 13, Survey: UL, Abstract:
Latitude: 32.40629 Longitude: -102.81768
This well is located 17 miles in a NORTHWEST
direction from ANDREWS,
which is the nearest town in the county.

FILING INFORMATION

Purpose of filing: Initial Potential
Type of completion: New Well
Well Type: Producing Completion or Recompletion Date: 05/09/2017
Type of Permit Date Permit No.
Permit to Drill, Plug Back, or Deepen 12/28/2016 821056
Rule 37 Exception
Fluid Injection Permit
O&G Waste Disposal Permit
Other:

COMPLETION INFORMATION

Spud date: 03/27/2017 Date of first production after rig released: 05/09/2017
Date plug back, deepening, recompletion, or drilling operation commenced: 03/27/2017 Date plug back, deepening, recompletion, or drilling operation ended: 04/02/2017
Number of producing wells on this lease in this field (reservoir) including this well: 733 Distance to nearest well in lease & reservoir (ft.): 576.0
Total number of acres in lease: 29541.59 Elevation (ft.): 3335 GR
Total depth TVD (ft.): 7317 Total depth MD (ft.):
Plug back depth TVD (ft.): Plug back depth MD (ft.):
Was directional survey made other than inclination (Form W-12)? No Rotation time within surface casing (hours): 76.2
Is Cementing Affidavit (Form W-15) attached? Yes
Recompletion or reclass? No Multiple completion? No
Type(s) of electric or other log(s) run: Other
Electric Log Other Description: RCBL/GR/CCL
Location of well, relative to nearest lease boundaries Off Lease : No
of lease on which this well is located: 15990.0 Feet from the South Line and
7079.0 Feet from the West Line of the
FULLERTON CLEARFORK UNIT Lease.

FORMER FIELD (WITH RESERVOIR) & GAS ID OR OIL LEASE NO.

Field & Reservoir Gas ID or Oil Lease No. Well No. Prior Service Type

PACKET: N/A

ACID, FRACTURE, CEMENT SQUEEZE, CAST IRON BRIDGE PLUG, RETAINER, ETC.

Was hydraulic fracturing treatment performed? Yes

Is well equipped with a downhole actuation sleeve? No

If yes, actuation pressure (PSIG):

Production casing test pressure (PSIG) prior to hydraulic fracturing treatment: 4800

Actual maximum pressure (PSIG) during hydraulic fracturing: 4953

Has the hydraulic fracturing fluid disclosure been reported to FracFocus disclosure registry (SWR29)? Yes

<u>Row</u>	<u>Type of Operation</u>	<u>Amount and Kind of Material Used</u>	<u>Depth Interval (ft.)</u>	
1	Fracture	FRACFOCUS ON FILE	6605	7222

FORMATION RECORD

<u>Formations</u>	<u>Encountered</u>	<u>Depth TVD (ft.)</u>	<u>Depth MD (ft.)</u>	<u>Is formation isolated?</u>	<u>Remarks</u>
SANTA ROSA BASE	Yes	1471.0		Yes	
YATES	Yes	2845.0		Yes	
SEVEN RIVERS	Yes	3098.0		Yes	
QUEEN	Yes	3689.0		Yes	
GRAYBURG	Yes	4050.0		Yes	
SAN ANDRES - CO2 FLOOD, HIGH FLOWS, H2S, CORROSIVE	Yes	4391.0		Yes	
HOLT	No			No	NOT ENCOUNTERED
GLORIETA	Yes	5493.0		Yes	
TUBB	Yes	6473.0		Yes	
CLEARFORK	Yes	6583.0		Yes	
PERMIAN DETRITAL	No			No	NOT ENCOUNTERED
LEON	No			No	NOT ENCOUNTERED
WICHITA ALBANY	Yes	7003.0		Yes	
SPRABERRY	No			No	DEEPER THAN TD
DEAN	No			No	DEEPER THAN TD
WOLFCAMP	No			No	DEEPER THAN TD
CANYON	No			No	DEEPER THAN TD
PENNSYLVANIAN	No			No	DEEPER THAN TD
MCKEE	No			No	DEEPER THAN TD
STRAWN	No			No	DEEPER THAN TD
FUSSELMAN	No			No	DEEPER THAN TD
DEVONIAN	No			No	DEEPER THAN TD
SILURIAN	No			No	DEEPER THAN TD
ELLENBURGER	No			No	DEEPER THAN TD

Do the producing interval of this well produce H2S with a concentration in excess of 100 ppm (SWR 36)? Yes

Is the completion being downhole commingled (SWR 10)? No

REMARKS

THIS IS AN INITIAL POTENTIAL/NEW VERTICAL WELL COMPLETION

RRC REMARKS

PUBLIC COMMENTS:

CASING RECORD :

TUBING RECORD:

PRODUCING/INJECTION/DISPOSAL INTERVAL :

ACID, FRACTURE, CEMENT SQUEEZE, CAST IRON BRIDGE PLUG, RETAINER, ETC. :

POTENTIAL TEST DATA:

OPERATOR'S CERTIFICATION

Printed Name: Tessa Fitzhugh

Title: Regulatory Analyst

Telephone No.: (432) 620-4336

Date Certified: 05/30/2017



RAILROAD COMMISSION OF TEXAS

1701 N. Congress
P.O. Box 12967
Austin, Texas 78701-2967

Form W-15

Rev. 08/2014

Cementer: Fill in shaded areas.
Operator: Fill in other items.

CEMENTING REPORT

OPERATOR INFORMATION

Operator Name: XTO ENERGY INC
Operator P-5 No.: 745936
Cementer Name: HALLIBURTON ENERGY SERVICES
Cementer P-5 No.: 347151

WELL INFORMATION

District No.: 08
County: ANDREWS
Well No.: 7318
API No.: 003 47443
Lease Name: FULLERTON CLEARFORK UNIT
Lease No.: 01770
Field Name: Fullerton
Field No.: 32230001

I. CASING CEMENTING DATA

Type of casing: Surface
Drilled hole size (in.): 11
Depth of drilled hole (ft.): 1700
Est. % wash-out or hole enlargement: 320
Casing weight (lbs/ft) and grade: 24
Setting depth shoe (ft.): 1700
Top of liner (ft.): 11
Setting depth liner (ft.):
Hrs. waiting on cement before drill-out: 16
Calculated top of cement (ft.):
Cementing date: 03/28/2017

SLURRY

Table with 6 columns: Slurry No., No. of Sacks, Class, Additives, Volume (cu. ft.), Height (ft.)

II. CASING CEMENTING DATA

Type of casing: Surface
Drilled hole size (in.):
Depth of drilled hole (ft.):
Est. % wash-out or hole enlargement:
Casing weight (lbs/ft) and grade:
Setting depth shoe (ft.):
Hrs. waiting on cement before drill-out:
Calculated top of cement (ft.):
Cementing date:

SLURRY

Table with 6 columns: Slurry No., No. of Sacks, Class, Additives, Volume (cu. ft.), Height (ft.)

III. CASING CEMENTING DATA

Type of casing: Surface
Drilled hole size (in.):
Depth of drilled hole (ft.):
Est. % wash-out or hole enlargement:
Casing weight (lbs/ft) and grade:
Setting depth tool (ft.):
Hrs. waiting on cement before drill-out:
Calculated top of cement (ft.):
Cementing date:

SLURRY

Table with 6 columns: Slurry No., No. of Sacks, Class, Additives, Volume (cu. ft.), Height (ft.)

CEMENTING TO SQUEEZE, PLUG BACK OR PLUG AND ABANDON							
	PLUG #1	PLUG #2	PLUG #3	PLUG #4	PLUG #5	PLUG #6	PLUG #7
Cementing Date							
Size of hole or pipe (in.)							
Depth to bottom of tubing or drill pipe (ft.)							
Cement retainer setting depth (ft.)							
CIBP setting depth (ft.)							
Amount of cement on top of CIBP (ft.)							
Sacks of cement used							
Slurry volume pumped (cu. ft.)							
Calculated top of plug (ft.)							
Measured top of plug, if tagged (ft.)							
Slurry weight (lbs/gal)							
Class/type of cement							
Perforate and squeeze (YES/NO)							
REMARKS							
1ST SLURRY: 1% ECONOLITE, 5 LBM SALT, 3 LBM KOL-SEAL, 0.125 LBM POLY-E-FLAKE 2ND SLURRY :0.125 LBM POLY-E-FLAKE, 1% CALCIUM CHLORIDE CIRCULATED 85 BBLs(226 SKS) OF CEMENT TO SURFACE							

CEMENTER'S CERTIFICATE: I declare under penalties prescribed in Sec. 91.143, Texas Natural Resources Code, that I am authorized to make this certification, that the cementing of casing and/or the placing of cement plugs in this well as shown in the report was performed by me or under my supervision, and that the cementing data and facts presented on both sides of this form are true, correct, and complete, to the best of my knowledge. This certification covers cementing data only.

FRANCISCO SILVA SSIT

Halliburton

Name and title of cementer's representative
1301 W. Webb St.

Cementing Company
Brownfield, Tx, 79316

Francisco Silva
Signature

757-392-0700

03/28/2017

Address

City, State, Zip Code

Tel: Area Code Number

Date: mo. day yr.

OPERATOR'S CERTIFICATE: I declare under penalties prescribed in Sec. 91.143, Texas Natural Resources Code, that I am authorized to make this certification, that I have knowledge of the well data and information presented in this report, and that data and facts presented on both sides of this form are true, correct, and complete, to the best of my knowledge. This certification covers all well data.

Tessa Fitzhugh
Typed or printed name of operator's representative

Reg Analyst
Title

Tessa Fitzhugh
Signature

3000 W. Illinois, Ste 100 Midland TX 79705
Address

City, State, Zip Code

Tel: Area Code Number

432-432-4336
Date: mo. day yr.

Instructions for Form W-15, Cementing Report

NOTICE: The Form W-15 must be submitted as an attachment to a Form G-1 (Gas Well Back Pressure Test, Completion or Recompletion Report, and Log), Form W-2 (Oil Well Potential Test, Completion or Recompletion Report, and Log), Form W-3 (Plugging Record), or Form W-4 (Application for Multiple Completion), any time cement is pumped in a wellbore.

- A. **What to file:** An operator should file an original and one copy of the completed Form W-15 for each cementing company used on a well. The cementing of different casing strings on a well by one cementing company may be reported on one form.
The Form W-15 should be filed with the Form W-3, Plugging Record, unless the Form W-3 is signed by the cementing company representative. When reporting dry holes, operators must complete Form W-15, in addition to Form W-3, to show any casing cemented in the hole.
- B. **How to file:** An oil and gas completion report and Form W-15 may be filed online using the Commission's Online System (<https://webapps.rrc.state.tx.us/security/login.do>) or a paper copy of the form may be mailed to the Commission in Austin (P.O. Box 12967, Austin, Texas 78711-2967).
- C. **Surface casing:** An operator must set and cement sufficient surface casing to protect all usable-quality water strata, as defined by the Groundwater Advisory Unit in Austin. Sufficient cement shall be used to fill the annular space outside the casing from the shoe to the ground surface or to the bottom of the cellar. Before drilling a well, an operator must obtain a letter from the Groundwater Advisory Unit stating the protection depth. Surface casing should not be set deeper than 200 feet below the specified depth without prior approval from the Commission.
To plug and abandon a well, operators must use only cementers approved by the Commission's Director of Field Operations in accordance with SWR 14 (http://info.sos.state.tx.us/pls/pub/readatext.TacPage?sl=R&app=9&p_dir=&p_loc=&p_tloc=&p_ploc=&pg=1&p_tac=&ti=16&pt=1&ch=3&rl=14). Cementing companies, service companies, or operators can qualify as approved cementers by demonstrating that they are able to mix and pump cement in compliance with Commission rules and regulations.
- D. **Estimated % wash-out:** If the estimated % wash-out is less than 20% (or 30% along the Gulf Coast), provide supporting documentation such as a caliper log to show how the estimated % wash-out was obtained.
- E. **Multi-stage cement:** An operator must report the multi-stage cement shoe in II. Casing Cementing Data section by selecting the type of casing and Multi-stage cement shoe. The operator must report the multi-stage cement tool in III. Casing Cementing Data section by selecting the type of casing and Multi-stage cement/DV tool.
- F. **Multiple parallel strings:** An operator should file the Form W-15 as an attachment to the Form W-4, Application for Multiple Completion. An operator may be required to submit multiple Form W-15s to show all data for multiple parallel strings.
- G. **Slurry data:** If cement job exceeds three slurries, continue the list of slurries in the Slurry table in the subsequent Casing Cementing Data box.



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Form W-15
Rev. 08/2014

Cementer: Fill in shaded areas.
Operator: Fill in other items.

CEMENTING REPORT

OPERATOR INFORMATION	
Operator Name: XTO ENERGY INC	Operator P-5 No.: 945930
Cementer Name: HALLIBURTON ENERGY SERVICES	Cementer P-5: 347151

WELL INFORMATION	
District No.: 08	County: ANDREWS
Well No.: 7318	API No.: 42-003-4743 Drilling Permit No.:
Lease Name: FULERTON CLEARFORK UNIT	Lease No.: 01770
Field Name: Fulleton	Field No.: 33230001

I. CASING CEMENTING DATA					
Type of casing: <input type="checkbox"/> Contactor <input type="checkbox"/> Surface <input type="checkbox"/> Intermediate <input type="checkbox"/> Liner <input checked="" type="checkbox"/> Production					
Drilled hole size (in.): 7 7/8		Depth of drilled hole (ft.): 7317		Est. % wash-out or hole enlargement: 350	
Size of casing in O.D. (in.): 5 1/2		Casing weight (lbs/ft) and grade: 17		No. of centralizers used: 53	
Was cement circulated to ground surface (or bottom of cellar) outside casing? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO If no for surface casing, explain in Remarks.			Setting depth shoe (ft.): 7317		Top of liner (ft.):
Casing? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO			Setting depth liner (ft.):		Hrs. waiting on cement before drill-out:
Calculated top of cement (ft.):			Cementing Date: 4/2/2017		
SLURRY					
Slurry No.	No. of Sacks	Class	Additives	Volume (cu.ft.)	Height (ft.)
1	650	HLC PREM PLUS	REMARKS	1913	1120
2	800	PREMIUM PLUS	REMARKS	1093	6199
3					
Total	1450			3006	7319

II. CASING CEMENTING DATA					
Type of casing: <input type="checkbox"/> Surface <input type="checkbox"/> Intermediate <input type="checkbox"/> Production <input type="checkbox"/> Tapered <input type="checkbox"/> Multi-stage shoe <input type="checkbox"/> Multiple parallel string					
Drilled hole size (in.):		Depth of drilled hole (ft.):		Est. % wash-out or hole enlargement:	
Size of casing in O.D. (in.):		Casing weight (lbs/ft) and grade:		No. of centralizers used:	
Tapered string drilled hole size (in.)			Tapered string depth of drilled hole (ft.)		
Upper:		Lower:		Upper:	
Tapered string size of casing in O.D. (in.)		Tapered string casing weight(lbs/ft) and grade		Tapered string no. of centralizers used	
Upper:		Lower:		Upper:	
Was cement circulated to ground surface (or bottom cellar) outside casing? <input type="checkbox"/> YES <input type="checkbox"/> NO			Setting depth shoe (ft.):		
Hrs. waiting on cement before drill-out:			Calculated top of cement (ft.):		Cementing Date:
SLURRY					
Slurry No.	No. of Sacks	Class	Additives	Volume (cu.ft.)	Height (ft.)
1					
2					
3					
Total	0			0	0

III. CASING CEMENTING DATA					
Type of casing: <input type="checkbox"/> Surface <input type="checkbox"/> Intermediate <input type="checkbox"/> Production <input type="checkbox"/> Tapered <input type="checkbox"/> Multi-stage/DV tool <input type="checkbox"/> Multiple parallel string					
Drilled hole size (in.):		Depth of drilled hole (ft.):		Est. % wash-out or hole enlargement:	
Size of casing in O.D. (in.):		Casing weight (lbs/ft) and grade:		No. of centralizers used:	
Tapered string drilled hole size (in.)			Tapered string depth of drilled hole (ft.)		
Upper:		Lower:		Upper:	
Tapered string size of casing in O.D. (in.)		Tapered string casing weight(lbs/ft) and grade		Tapered string no. of centralizers used	
Upper:		Lower:		Upper:	
Was cement circulated to ground surface (or bottom cellar) outside casing? <input type="checkbox"/> YES <input type="checkbox"/> NO			Setting depth shoe (ft.):		
Hrs. waiting on cement before drill-out:			Calculated top of cement (ft.):		Cementing Date:
SLURRY					
Slurry No.	No. of Sacks	Class	Additives	Volume (cu.ft.)	Height (ft.)
1					
2					
3					
Total	0			0	0

**RAILROAD COMMISSION OF TEXAS
OIL AND GAS DIVISION**

Form W-12
(1-1-71)

INCLINATION REPORT (One Copy Must Be Filed With Each Completion Report)		6. RRC District <u>08</u>
1. FIELD NAME (as per RRC Records or Wildcat) <u>Fullerton</u>		7. RRC Lease Number (Oil completions only) <u>01770</u>
2. LEASE NAME <u>Fullerton Clarkfork Unit</u>		8. Well Number 7318
3. OPERATOR XTO Energy, Inc		9. RRC Identification Number (Gas completions only)
4. ADDRESS <u>600 W. Illinois, Ste 100 Midland TX 79705</u>		10. County Andrews
5. LOCATION (Section, Block and Survey) <u>Blk B, Sec. 6, UL</u>		

RECORD OF INCLINATION

*11. Measured Depth (feet)	12. Course Length (Hundreds of feet)	*13. Angle of Inclination (Degrees)	14. Displacement per (Hundred Feet (Sine of Angle X 100))	15. Course Displacement (feet)	16. Accumulative Displacement (feet)
231	2.31	0.80	1.40	3.23	3.23
531	3.00	0.80	1.40	4.19	7.41
803	2.72	0.70	1.22	3.32	10.74
1080	2.77	0.30	0.52	1.45	12.19
1364	2.84	0.40	0.70	1.98	14.17
1648	2.84	0.30	0.52	1.49	15.66
1682	0.34	0.40	0.70	0.24	15.89
1806	1.24	0.40	0.70	0.87	16.76
1964	1.58	0.10	0.17	0.28	17.04
2122	1.58	0.20	0.35	0.55	17.59
2280	1.58	0.70	1.22	1.93	19.52
2435	1.55	0.50	0.87	1.35	20.87
2627	1.92	1.20	2.09	4.02	24.89
2784	1.57	0.70	1.22	1.92	26.81
2939	1.55	1.30	2.27	3.52	30.33
3035	0.96	1.30	2.27	2.18	32.50

If additional space is needed, use the reverse side of this form.

17. Is any information shown on the reverse side of this form? yes no
18. Accumulative total displacement of well bore at total depth of 6,956.00 feet * 101.79 feet.
- *19. Inclination measurements were made in Tubing Casing Open hole Drill Pipe
20. Distance from surface location of well to the nearest lease line 7079 feet.
21. Minimum distance to lease line as prescribed by field rules 330 feet.
22. Was the subject well at any time intentionally deviated from the vertical in any manner whatsoever? no
(If the answer to above question is "yes," attach written explanation of the circumstances.)

<p>INCLINATION DATA CERTIFICATION</p> <p>I declare under penalties prescribed in Sec. 91.143, Texas Natural Resources Code, that I am authorized to make this certification, that I have personal knowledge of the inclination data and facts placed on both side of this form and that such data and facts are true, correct, and complete to the best of my knowledge. This certification covers all data as indicated by asterisks (*) by the item numbers on this form.</p> <p><u>Ron Scandolari</u> Signature of Authorized Representative RON SCANDOLARI, VP CONTRACT DRILLING Name of Person and Title (type or print) BASIC ENERGY SERVICES Name of Company Telephone: <u>432</u> - <u>563-2106</u> Area Code</p>	<p>OPERATOR CERTIFICATION</p> <p>I declare under penalties prescribed in Sec. 91.143, Texas Natural Resources Code, that I am authorized to make this certification, that I have personal knowledge of all information presented in this report, and that all data is presented on both sides of this forms are true, correct, and complete to the best of my knowledge. This certification covers all data and information presented herein except inclination data as indicated by asterisks (*) by the item numbers on this form.</p> <p><u>Tessa Hinchey</u> Signature of Authorized Representative <u>Tessa Hinchey, Geol Analyst</u> Name of Person and Title (type or print) <u>XTO Energy, Inc.</u> Operator Telephone: <u>432</u> - <u>620-4336</u> Area Code</p>
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Railroad Commission Use Only:

Approved By: _____ Title: _____ Date: _____

* Designates items certified by company that conducted the inclination surveys.

Tracking No.: 174280

This facsimile L-1 was generated electronically from data submitted to the RRC.

Instructions

When to File Form L-1:

- with Forms G-1, W-2, and GT-1 for new and deepened gas, oil, and geothermal wells
- with Form W-3 for plugged dry holes
- when sending in a log which was held under a request for confidentiality and the period for confidentiality has not yet expired.

When is Form L-1 NOT required:

- with Forms W-2, G-1, and GT-1 filed for injection wells, disposal wells, water supply wells, service wells, re-test wells, re-classifications, and plugbacks of oil, gas or geothermal wells
- with Form W-3 for plugging of other than a dry hole

Where to File Form L-1:

- with the appropriate Commission district office

Filling out Form L-1:

- Section I and the signature section must be filled out for all wells
- complete only the appropriate part of Section II

Type of log required:

- any wireline survey run for the purpose of obtaining lithology, porosity, or resistivity information
- no more than one such log is required but it must be of the subject well
- if such log is NOT run on the subject well, do NOT substitute any other type of log; just select Section II, Part A below

SECTION I. IDENTIFICATION

Operator Name: XTO ENERGY INC.	District No. 08	Completion Date: 05/09/2017
Field Name FULLERTON	Drilling Permit No. 821056	
Lease Name FULLERTON CLEARFORK UNIT	Lease/ID No. 01770	Well No. 7318
County ANDREWS	API No. 42- 003-47443	

SECTION II. LOG STATUS (Complete either A or B)

A. BASIC ELECTRIC LOG NOT RUN

B. BASIC ELECTRIC LOG RUN. (Select one)

- 1. Confidentiality is requested and a copy of the header for each log that has been run on the well is attached.
- 2. Confidentiality already granted on basic electric log covering this interval (applicable to deepened wells only).
- 3. Basic electric log covering this interval already on file with Commission (applicable to deepened wells only).
- 4. Log attached to (select one):
 - (a) Form L-1 (this form). If the company/lease name on log is different from that shown in Section I, please enter name on log here: _____
 Check here if attached log is being submitted after being held confidential.
 - (b) Form P-7, Application for Discovery Allowable and New Field Designation.
 - (c) Form W-4, Application for Multiple Completion:
 Lease or ID No(s). _____
 Well No(s). _____

Tessa Fitzhugh _____ Signature XTO ENERGY INC. _____ Name (print)	Regulatory Analyst _____ Title (432) 620-4336 _____ Phone 05/30/2017 _____ Date
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-FOR RAILROAD COMMISSION USE ONLY-



RADIAL CEMENT BOND GAMMA RAY/CCL LOG

Company XTO Energy INC. Well Fullerton Clearfork Unit No. 7318 Field Fullerton County Andrews State Texas	Company XTO Energy INC.		
	Well Fullerton Clearfork Unit No. 7318		
	Field Fullerton		
	County Andrews State Texas		
Location:		API # :	
1411' FSL & 1812' FWL Section 5, Block 13 Survey: UL		Other Services Crane Gyro	
SEC	TWP		
Permanent Datum		Ground Level	
Log Measured From		Elevation 3322'	
Drilling Measured From		13 FT KB	
Kelly Bushing		Elevation K.B. 3335' D.F. 3334' G.L. 3322'	

Date	4-5-17
Run Number	One
Depth Driller	7317'
Depth Logger	7249'
Bottom Logged Interval	7248'
Top Log Interval	Surface
Open Hole Size	7.875
Type Fluid	Water
Density / Viscosity	N/A
Max. Recorded Temp.	146 degF
Estimated Cement Top	Circ.
Time Well Ready	ROA
Time Logger on Bottom	9:30 AM
Equipment Number	40
Location	Snyder, Texas
Recorded By	Chris Nicholson
Witnessed By	Damaris Taylor

Borehole Record				Tubing Record			
Run Number	Bit	From	To	Size	Weight	From	To

Casing Record	Size	Wgt/Ft	Top	Bottom
Surface String	8.625	22.00/L-55	Surface	1697'
Prot. String				
Production String	5.50	17.00/L-55	Surface	7317'
Liner				
Short Joint			5482'	5505'

<<< Print Here >>>

RAILROAD COMMISSION OF TEXAS
OIL AND GAS DIVISION
CERTIFICATE OF COMPLIANCE STATEWIDE RULE 36

FORM H-9

12/12/77

FILE WITH
DISTRICT OFFICE
IN TRIPLICATE

1. Operator Exxon Mobil Corporation		2. Operator Number (See Instruction 13) 257128		3. RRC Dist. 08	
4. Street or P.O. Box No. P.O. Box 4358		5. City Houston		6. State TX	
7. Zip Code 77210		8. Name of Lease, Facility or Operation Robertson Clearfork Unit		9. Field or Area Name Fullerton	
10. County Andrews		11. General Operation Type - Circle One: <input checked="" type="radio"/> A-Oil Field Production <input type="radio"/> B-Gas Field Production <input type="radio"/> C-Pipeline or Gathering Sys. <input type="radio"/> D-Gasoline Plant <input type="radio"/> E-Drilling or Workover <input type="radio"/> F-Sweetening Unit <input type="radio"/> G-Combination (explain) <input type="radio"/> H-Other (explain)		Other Explanation	
12. RRC ID# of Operation(s) to be Covered by This Certificate 01770		Type ID Code (See Instruction 12) 1		Indicate if Filing for Storage Facility Only YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	
13. Hydrogen Sulfide Concentration 11,267 PPM		14. Maximum Escape Volume 300 MCF/Day		15. 100 PPM Radius of Exposure (ROE) 216 Ft.	
16. 500 PPM Radius of Exposure (ROE) 99 Ft.		17. Operation is Existing <input checked="" type="checkbox"/> New <input type="checkbox"/>		18. Modification Resulting in Certificate Change Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
19. Workover or Drilling Well with 100 PPM ROE Greater than 3000' feet on Rule 36 Certified Well/Lease		Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		20. Previous Certificate Number if Available (For Amended Certificates) 003476	
21. The 100 PPM ROE includes any part of a public area except a public road		Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		22. The 500 PPM ROE includes any part of a public road	
Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		23. Injection of fluid containing Hydrogen Sulfide (See Instruction 14)		Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	
24. Date (or Depth) of Compliance with all applicable provisions of Rule 36 03/02/2009 Mo Day Year		Depth of Compliance for Drilling Operation		Ft. from Surface	
25. Contingency Plan Location of Plan (See Instruction 15) No Contingency Plan required.		RECEIVED RRC OF TEXAS		Has been prepared Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	
26. Location of data used to prepare this certificate (See Instruction 15) 6810 NW 8000 Andrews, Texas 79714		MAR 05 2009		O&G MIDLAND	
CERTIFICATE					
I declare under penalties prescribed in Section 91.143, Natural Resources Code, that I am authorized to make this report, that this report was prepared by me or under my supervision, and that I am qualified to make this certification by virtue of my training and experience, and by my analysis of the operation being certified, or by the analysis of qualified person working under my supervision, and that the data and facts stated therein are true, correct, and complete, to the best of my knowledge.					
Re representative of Company <i>Dw Parks</i>		Title Operations Compliance Specialist		Phone No. Date (432) 634-8109 03/02/09	

RAILROAD COMMISSION USE ONLY

This operation and the equipment used therein is approved on the basis of the above certification and is subject to further Commission audit for compliance with the required provisions of Statewide Rule 36. This approval may be cancelled if investigation determines that the operation does not comply with the provisions of Statewide Rule 36.

APPROVED BY: *Mark D. Spemann* DATE: MAR 12 2009

REMARKS: CERTIFICATION NUMBER: 060888

Permitting
MAR 19 2009





RECEIVED
RRC OF TEXAS

JAN 20 2012

January 20, 2012

REC'D/MIDLAND

FEB 03 2012

OIL & GASFIELD OPERATIONS
AUTHORITY

Approved
Mark Spannaus
1-25-2012

Completed 2/30/2011

Kim Dally

Mark Spannaus
Railroad Commission of Texas
Conoco Towers
10 Desta Drive, Suite 500E
Midland, TX 79705

Re: Change of Operator on H-9 Certificates

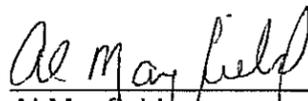
Dear Mark,

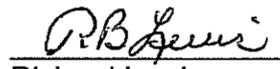
We are requesting the change of operator from Exxon Mobil Corporation, Operator No. 257128, to XTO Energy Inc., Operator No. 945936, on the attached list of H-9 certificates.

This letter will also serve to certify the H-9 certificates have analyses that are less than 5 years old. In that time, we show no significant changes in the volume or concentration in the ROE which would include any public areas or roads.

If you have any questions, please contact the undersigned.

Sincerely,


Al Mayfield
Superintendent
432-266-0469


Richard Lewis
Superintendent
432-488-6862

Attachment

945936

District	Field Name	H-9 Certificate No.	Lease Numbers	Facilities	Approval Date
08	Block 16 (Montoya)	063269 ✓	250696 245711	Pyote Gas Unit No. 2 Pyote Gas Unit No. 13	10/15/2009
J8	Deep Rock (Devonian)	060886 ✓	25377	King, Georgia B.	3/12/2009
08	Deep Rock (Glorieta 5950)	060885 ✓	33898 14608	Deep Rock Glorieta Unit Ogden, Belle, -A-	3/12/2009
08	Evetts (Pennsylvanian)	065105 ✓	256356 074251 083298 134824 142304 179198	Haley Unit 8 Haley Unit Haley Unit Haley Unit Athey, Charles B. Haley Unit	JAN 20 2010 2010
08	Evetts (Silurian)	063775 ✓	31603 25439	Haley Unit -34- Haley, John, Jr. -C-	1/5/2010
08	Evetts (Silurian)	065106 ✓	181387 050227	Haley 18 Haley Unit	10/1/2010
08	Fuhrman (Glorieta)	060896 ✓	34056	Walker, B S	3/12/2009
08	Fuhrman-Mascho	060895 ✓	21064	Walker, B S	3/12/2009
08	Fuhrman-Mascho (Devonian)	060894 ✓	10080	Walker, B S	3/12/2009
08	Fullerton	060888 ✓	01770 40432	Fullerton Clearfork Unit Logsdon C W	3/12/2009
08	Fullerton (Devonian)	060887 ✓	32000 31066 31514 31909	State University -GB- Wilson -B- Wilson, H.M. -A- State University -GA-	3/12/2009
08	Fullerton (Ellenburger)	060890 ✓	29851	H. M. Wilson -A-	3/12/2009
08	Fullerton (San Andres)	060892 ✓	30331	Wilson -A-, H.M.	3/12/2009
08	Fullerton (Wolfcamp)	060891 ✓	35925	Logsdon C W	3/12/2009
08	Fullerton, West (Grayburg)	060893 ✓	102992	Wilson, H.M. -A-	3/12/2009
08	Martin (Consolidated)	060784 ✓	36494 36480	Parker, J. E. Parker, J. E. A/C 3A	2/27/2009
08	Martin (Ellenburger)	060781 ✓	04073	Parker, J. E.	2/27/2009
08	Martin (McKee)	060783 ✓	32099 04080 32094	Parker, J. E. A/C 3 "A" Parker, J. E. Parker, J. E. A/C 1 "A"	2/27/2009
08	Martin (Second Simpson SD.)	060779 ✓	29399	Parker, J. E.	2/27/2009
18	Means	065958 ✓	17503	Means/San Andres/Unit	3/22/2011
08	Robertson, N. (Clear Fork 7100)	060889 ✓	60580	Robertson/Clearfork/Unit	3/12/2009
08	Robertson, N. (Devonian)	060521 ✓	68630	Exxon Fee "B"	1/30/2009

GROUNDWATER PROTECTION DETERMINATION

Form GW-2



Groundwater Advisory Unit

Date Issued: 07 December 2016**GAU Number:** 164163

Attention: XTO ENERGY INC.
ATTN ALAN CODY
FORT WORTH, TX 76102

Operator No.: 945936

API Number:
County: ANDREWS
Lease Name: FULLERTON CLEARFORK UNIT
Lease Number: 01770
Well Number: 7216
Total Vertical Depth: 7500
Latitude: 32.408185
Longitude: -102.823113
Datum: NAD27

Purpose: New Drill**Location:** Survey-UL; Block-13; Section-6

To protect usable-quality groundwater at this location, the Groundwater Advisory Unit of the Railroad Commission of Texas recommends:

The interval from the land surface to a depth of 250 feet, and the zone from 1150 to 1550 feet must be protected.

This recommendation is applicable for all wells drilled in this Section 6.

Note: Unless stated otherwise, this recommendation is intended to apply only to the subject well and not for area-wide use. This recommendation is for normal drilling, production, and plugging operations only. It does not apply to saltwater disposal operation into a nonproductive zone (RRC Form W-14).

This determination is based on information provided when the application was submitted on 12/06/2016. If the location information has changed, you must contact the Groundwater Advisory Unit, and submit a new application if necessary. If you have questions, please contact us at 512-463-2741 or gau@rrc.texas.gov.

Groundwater Advisory Unit, Oil and Gas Division

Form GW-2 P.O. Box 12967 Austin, Texas 78771-2967 512-463-2741 Internet address: www.rrc.texas.gov
Rev. 02/2014

G.W. STANFORD
 ABSTRACT 644
 SECTION 16, BLOCK A32
 PUBLIC SCHOOL LAND

W.A. MARSHALL
 ABSTRACT 625
 SECTION 16, BLOCK A32
 PUBLIC SCHOOL LAND

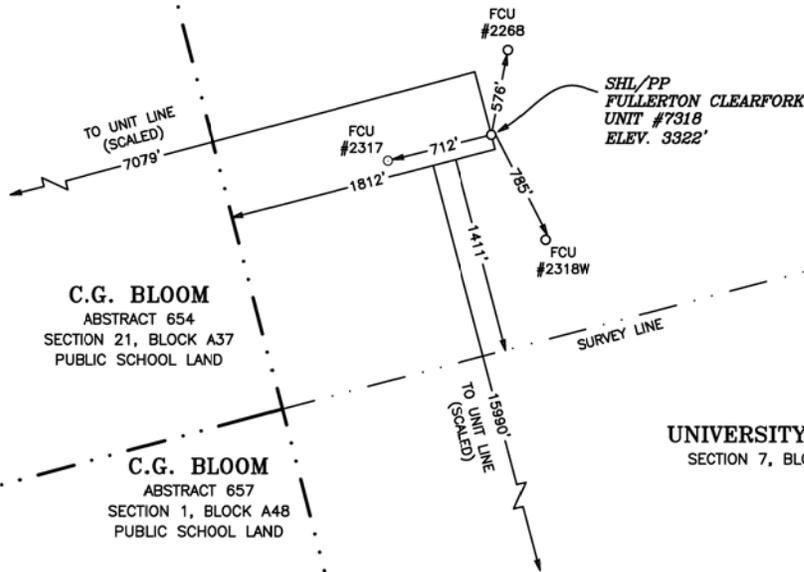


0 500 1000
 1" = 1000 FEET

(SHOWN PARTIAL)
 FULLERTON CLEARFORK UNIT
 CALLED 29,541.59 ACRES

UNIVERSITY LAND
 SECTION 5, BLOCK 13

UNIVERSITY LAND
 SECTION 6, BLOCK 13



C.G. BLOOM
 ABSTRACT 654
 SECTION 21, BLOCK A37
 PUBLIC SCHOOL LAND

C.G. BLOOM
 ABSTRACT 657
 SECTION 1, BLOCK A48
 PUBLIC SCHOOL LAND

UNIVERSITY LAND
 SECTION 7, BLOCK 13

GENERAL NOTES

- COORDINATES SHOWN ARE BASED ON TEXAS PLANE COORDINATE SYSTEM OF NAD 27, TEXAS CENTRAL ZONE, 4203.
- VERTICAL DATUM IS NAVD 88.
- LATITUDE AND LONGITUDE ARE NAD 27 AS SHOWN.
- AREA, DISTANCES, AND COORDINATES ARE "GRID".
- UNITS ARE UNITED STATES SURVEY FOOT.
- ALL LEASE AND TRACT INFORMATION SHOWN HERE ON IS DONE SO BY LIMITED DEED RECORD INFORMATION ONLY. ALL ACREAGES SHOWN ARE BY DEED AND LEASE CALL, EXCEPT WHERE NOTED. THIS IS NOT IN ANY WAY A "BOUNDARY SURVEY".

DRIVING DIRECTIONS TO LOCATION:
 FROM THE INTERSECTION OF MAIN ST. AND BROADWAY ST. IN ANDREWS HEAD WEST ON BROADWAY ST. APPROX. 1.1 MILES. TAKE SLIGHT RIGHT ON RANCH ROAD 87 AND GO APPROX. 15.0 MILES. TURN RIGHT ON NW 7001 AND GO APPROX. 2.2 MILES. TURN RIGHT ON LEASE ROAD AND GO APPROX. 0.1 MILES. TURN LEFT ON LEASE ROAD AND GO APPROX. 0.3 MILES. TURN RIGHT ON LEASE ROAD AND GO APPROX. 0.2 MILES AND ARRIVE AT THE LOCATION APPROX. 670' ON THE LEFT.

WELL LOCATION INFORMATION:

SURFACE HOLE LOCATION/PP:
 NAD 83, TEXAS CENTRAL ZONE COORD'S
 Y = 10,847,611.92, X = 1,529,594.35
 LAT: N 32.40640°, LONG: W 102.81814°
 SHL: 1,411' FSL & 1,812' FWL
 SHL: 15,990' FSL & 7,079' FWL

NAD 27, TEXAS CENTRAL ZONE COORD'S
 Y = 1,005,035.12, X = 1,233,134.75
 LAT: N 32.40629°, LONG: W 102.81768°

FOR RRC PURPOSES ONLY:

NAD 27, TEXAS NORTH CENTRAL ZONE COORD'S
 Y = 310,606.59, X = 359,514.51
 LAT: N 32.40629°, LONG: W 102.81768°

I HEREBY STATE THAT THIS PLAT SHOWS THE SUBJECT SURFACE LOCATION AS STAKED ON THE GROUND.


 MARK DILLON HARP
 REGISTERED PROFESSIONAL LAND SURVEYOR
 STATE OF TEXAS NO. 6445



PLAT OF:
 A PROPOSED WELL LOCATION FOR:
XTO ENERGY INC.
FULLERTON CLEARFORK UNIT #7318

SITUATED IN UNIVERSITY LAND SURVEY, SECTION 6, BLOCK 13, LOCATED 17.0 MILES NORTHWEST OF ANDREWS, IN ANDREWS COUNTY, TEXAS

FSC INC
 SURVEYORS+ENGINEERS
 550 Bailey Ave., 205 - Fort Worth, TX 76107
 Ph: 817.349.9800 - Fax: 979.732.5271
 TBPE Firm 17957 | TBPLS Firm 10193887
 www.fscinc.net

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DATE: 8-26-2016
 DRAWN BY: AI
 CHECKED BY: DH
 FIELD CREW: MC&MR
 PROJECT NO: 2016080638
 SCALE: 1" = 1000'
 SHEET: 1 OF 1
 REVISION: 1