



RAILROAD COMMISSION OF TEXAS

Form W-2

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

Status: Approved
Date: 12/13/2018
Tracking No.: 200245

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 6401 HOLIDAY HILL RD #5 MIDLAND, TX 79707-2156

WELL INFORMATION

API No.: 42-003-47241 **County:** ANDREWS
Well No.: 7343 **RRC District No.:** 08
Lease Name: FULLERTON CLEARFORK UNIT **Field Name:** FULLERTON
RRC Lease No.: 01770 **Field No.:** 33230001
Location: Section: 3, Block: 13, Survey: UL, Abstract:

Latitude: **Longitude:**
This well is located 14.5 **miles in a** NW **direction from** ANDREWS, **which is the nearest town in the county.**

FILING INFORMATION

Purpose of filing: Well Record Only
Type of completion: Other/Recompletion
Well Type: Producing **Completion or Recompletion Date:** 09/11/2018

Type of Permit	Date	Permit No.
Permit to Drill, Plug Back, or Deepen	05/17/2016	809528
Rule 37 Exception		
Fluid Injection Permit		
O&G Waste Disposal Permit		
Other:		

COMPLETION INFORMATION

Spud date: 06/05/2016 **Date of first production after rig released:** 09/11/2018
Date plug back, deepening, recompletion, or drilling operation commenced: 09/06/2018 **Date plug back, deepening, recompletion, or drilling operation ended:** 09/11/2018
Number of producing wells on this lease in this field (reservoir) including this well: 747 **Distance to nearest well in lease & reservoir (ft.):** 520.0
Total number of acres in lease: 29541.59 **Elevation (ft.):** 3285 GR
Total depth TVD (ft.): 7376 **Total depth MD (ft.):**
Plug back depth TVD (ft.): 6612 **Plug back depth MD (ft.):**
Was directional survey made other than inclination (Form W-12)? No **Rotation time within surface casing (hours):**
Is Cementing Affidavit (Form W-15) attached? Yes
Recompletion or reclass? Yes **Multiple completion?** No
Type(s) of electric or other log(s) run: None
Electric Log Other Description:
Location of well, relative to nearest lease boundaries **Off Lease :** No
of lease on which this well is located: 3099.0 **Feet from the** South **Line and**
3890.0 **Feet from the** East **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

W2: N/A

FOR NEW DRILL OR RE-ENTRY, SURFACE CASING DEPTH DETERMINED BY:

GAU Groundwater Protection Determination **Depth (ft.):** 1600.0 **Date:** 10/19/2017
SWR 13 Exception **Depth (ft.):**

INITIAL POTENTIAL TEST DATA FOR NEW COMPLETION OR RECOMPLETION

Date of test: **Production method:**
Number of hours tested: 24 **Choke size:**
Was swab used during this test? No **Oil produced prior to test:**

PRODUCTION DURING TEST PERIOD:

Oil (BBLs): **Gas (MCF):**
Gas - Oil Ratio: 0 **Flowing Tubing Pressure:**
Water (BBLs):

CALCULATED 24-HOUR RATE

Oil (BBLs): **Gas (MCF):**
Oil Gravity - API - 60.: **Casing Pressure:**
Water (BBLs):

CASING RECORD

Row	Type of Casing	Casing Size (in.)	Hole Size (in.)	Setting Depth (ft.)	Multi - Stage Depth (ft.)	Multi - Stage Shoe Depth (ft.)	Cement Class	Cement Amount (sacks)	Slurry Volume (cu. ft.)	Top of Cement (ft.)	TOC Determined By
1	Surface	8 5/8	11	1759			HL/C	695	1221.2	0	Circulated to Surface
2	Conventional Production	5 1/2	7 7/8	7376			C	1450	2856.0	0	Circulated to Surface

LINER RECORD

Row	Liner Size (in.)	Hole Size (in.)	Liner Top (ft.)	Liner Bottom (ft.)	Cement Class	Cement Amount (sacks)	Slurry Volume (cu. ft.)	Top of Cement (ft.)	TOC Determined By
N/A									

TUBING RECORD

Row	Size (in.)	Depth (ft.)	Size (ft.)	Packer Depth (ft.)/Type
1	2 7/8	987		/

PRODUCING/INJECTION/DISPOSAL INTERVAL

Row	Open hole?	From (ft.)	To (ft.)
N/A			

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

Was hydraulic fracturing treatment performed? No

Is well equipped with a downhole actuation sleeve? No **If yes, actuation pressure (PSIG):**

Production casing test pressure (PSIG) prior to hydraulic fracturing treatment: **Actual maximum pressure (PSIG) during hydraulic fracturing:**

Has the hydraulic fracturing fluid disclosure been reported to FracFocus disclosure registry (SWR29)? No

Row	Type of Operation	Amount and Kind of Material Used	Depth Interval (ft.)
1	Cast Iron Bridge Plug	SET CIBP @ 6640', TOP W/3 SX C-CMT	6612 6640

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>
YATES	Yes	2896.0		Yes	
SEVEN RIVERS	Yes	3150.0		Yes	
QUEEN	Yes	3732.0		Yes	
GRAYBURG	Yes	4103.0		Yes	
SAN ANDRES - CO2 FLOOD, HIGH FLOWS, H2S, CORROSIVE	Yes	4387.0		Yes	
HOLT	No			No	NOT ENCOUNTERED IN THE IMMEDIATE AREA
GLORIETA	Yes	5582.0		Yes	
TUBB	Yes	6587.0		Yes	
CLEARFORK	Yes	6700.0		Yes	
PERMIAN DETRITAL	No			No	NOT ENCOUNTERED IN THE IMMEDIATE AREA
LEON	No			No	NOT ENCOUNTERED IN THE IMMEDIATE AREA
WICHITA ALBANY	Yes	7152.0		Yes	
SPRABERRY	No			No	DEEPER THAN WELLBORE
DEAN	No			No	DEEPER THAN WELLBORE
WOLFCAMP	No			No	DEEPER THAN WELLBORE
CANYON	No			No	DEEPER THAN WELLBORE
PENNSYLVANIAN	No			No	DEEPER THAN WELLBORE
MCKEE	No			No	DEEPER THAN WELLBORE
STRAWN	No			No	DEEPER THAN WELLBORE
FUSSELMAN	No			No	DEEPER THAN WELLBORE
DEVONIAN	No			No	DEEPER THAN WELLBORE
SILURIAN	No			No	DEEPER THAN WELLBORE
ELLENBURGER	No			No	DEEPER THAN WELLBORE

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

TA'D WELL. SET CIBP @ 6640', TOP W/3 SX C-CMT.

RRC REMARKS

PUBLIC COMMENTS:

[RRC Staff 2018-11-16 10:04:44.021] location of well is plotted to be OK

CASING RECORD :

TUBING RECORD:

KILL STRING

PRODUCING/INJECTION/DISPOSAL INTERVAL :

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

POTENTIAL TEST DATA:

OPERATOR'S CERTIFICATION

Printed Name: Carolyn Dean

Title: REGULATORY COORDINATOR

Telephone No.: (432) 221-7349

Date Certified: 09/21/2018



RAILROAD COMMISSION OF TEXAS

Form W-15

1701 N. Congress

Rev. 08/2014 P.O. Box 12967

RECOMIDLAND

Austin, Texas 78701-2967

SEP 20 2018

CEMENTING REPORT

Cementer: Fill in shaded areas.

Operator: Fill in other items.

OPERATOR INFORMATION

Operator Name: XTO Energy <i>Inc.</i>	Operator P-5 No.: <i>945936</i>
Cementer Name: Watson Packer, LLC	Cementer P-5 No.:

WELL INFORMATION

District No.: <i>08</i>	County: Andrews	
Well No.73-43	API No.420-03-47241	Drilling Permit No.:
Lease Name: Fullerton Clearfork Unit	Lease No.: <i>01770</i>	
Field Name: Fullerton	Field No.: <i>33230001</i>	

I. CASING CEMENTING DATA

Type of casing: Conductor Surface Intermediate Liner Production

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:
Was cement circulated to ground surface (or bottom of cellar) outside casing? YES NO If no for surface casing, explain in Remarks.	Setting depth shoe (ft.):	Top of liner (ft.):
		Setting depth liner (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					

II. CASING CEMENTING DATA

Type of casing: Surface Intermediate Production Tapered production Multi-stage cement shoe Multiple parallel strings

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.) Upper: Lower:		Tapered string depth of drilled hole (ft.) Upper: Lower:
Tapered string size of casing in O.D. (in.) Upper: Lower:		Tapered string casing weight(lbs/ft) and grade Upper: Lower:
Tapered string no. of centralizers used Upper: Lower:		Setting depth shoe (ft.):
Was cement circulated to ground surface (or bottom of cellar) outside casing? YES NO	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					

III. CASING CEMENTING DATA

Type of casing: Surface Intermediate Production Tapered production Multi-stage cement/DV tool Multiple parallel strings

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:

GROUNDWATER PROTECTION DETERMINATION

Form GW-2



Groundwater Advisory Unit

Date Issued: 19 October 2017 **GAU Number:** 182152

Attention:	XTO ENERGY INC. ATTN ALAN CODY FORT WORTH, TX 76102	API Number:	00347241
Operator No.:	945936	County:	ANDREWS
		Lease Name:	Fullerton Clearfork Unit
		Lease Number:	01770
		Well Number:	7343
		Total Vertical Depth:	7376
		Latitude:	32.416440
		Longitude:	-102.764610
		Datum:	NAD27

Purpose: Recompletion (RC)
Location: Survey-UL; Block-13; Section-3

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 1600 feet must be protected.

This recommendation is applicable for all wells drilled in this Section 3.

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 10/17/2017. 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

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 TRIPPLICATE

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		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 Filling or Storage Facility Only YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	
13. Hydrogen Sulfide Concentration $1,267$ 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 type="checkbox"/> No <input checked="" 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 OSG 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.					
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 W. Spawors* DATE: MAR 12 2009

REMARKS: CERTIFICATION NUMBER: *010888*

Permitting

MAR 19 2009





January 20, 2012 REC'D/MIDLAND
FEB 03 2012

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

Re: Change of Operator on H-9 Certificates

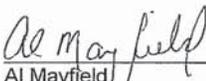
Dear Mark,

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

RECEIVED
RR CO TEXAS
JAN 24 2012
OIL & GAS FIELD OPERATIONS
AUSTIN, TX

JAN 20 2012

Approved
Mark
1-25-2012

Completed 2/30/2011

Kim Dalky

Attachment

445930e

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 29851	State University -GB- Wilson -B- Wilson, H.M. -A- State University -GA- H. M. Wilson -A-	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