



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

PRODUCING/INJECTION/DISPOSAL INTERVAL			
Row	Open hole?	From (ft.)	To (ft.)
		L	
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?		If yes, actuation pressure (PSIG):	
No			
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

REC'D MIDLAND

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 *Inc.*

Operator P-5 No.: *945936*

Cementer Name: Watson Packer, LLC

Cementer P-5 No.:

WELL INFORMATION

District No.: *08*

County: Andrews

Well No.73-43

API No.420-03-47241

Drilling Permit No.:

Lease Name: Fullerton Clearfork Unit

Lease No.: *01770*

Field Name: Fullerton

Field No.: *33230001*

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.)

Tapered string depth of drilled hole (ft.)

Upper: Lower:

Upper: Lower:

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: Lower:

Upper: Lower:

Was cement circulated to ground surface (or bottom of cellar) outside casing? YES 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					

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:

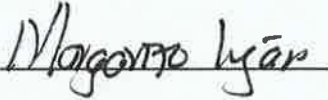
Tapered string drilled hole size (in.) Upper: Lower:		Tapered string depth of drilled hole (ft.) Upper: Lower:	
Tapered string size of casing in O.D. (in.) Upper: Lower:		Tapered string casing weight(lbs/ft) and grade Upper: Lower:	
Was cement circulated to ground surface (or bottom of cellar) outside casing? YES NO		Tapered string no. of centralizers used Upper: Lower:	
Hrs. waiting on cement before drill-out:	Calculated top of cement (ft.):	Setting depth tool (ft.):	
Cementing date:			

SLURRY					
Slurry No.	No. of Sacks	Class	Additives	Volume (cu. ft.)	Height (ft.)
Total					

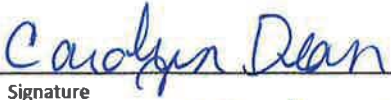
CEMENTING TO SQUEEZE, PLUG BACK OR PLUG AND ABANDON							
	PLUG #1	PLUG #2	PLUG #3	PLUG #4	PLUG #5	PLUG #6	PLUG #7
Cementing Date	9/10/2018						
Size of hole or pipe (in.)	5.500						
Depth to bottom of tubing or drill pipe (ft.)							
Cement retainer setting depth (ft.)							
CIBP setting depth (ft.)	6640						
Amount of cement on top of CIBP (ft.)	28						
Sacks of cement used	3						
Slurry volume pumped (cu. ft.)	3.96						
Calculated top of plug (ft.)	6612						
Measured top of plug, if tagged (ft.)							
Slurry weight (lbs/gal)	14.8						
Class/type of cement	C						
Perforate and squeeze (YES/NO)	No						

REMARKS

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.

Margarito Lujan		WATSON PACKER, LLC		
Name and title of cementer's representative 410 NW Mustang Dr., Andrews, Texas 79714		Cementing Company 432-524-4385		Signature 9/10/2018
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.

Carolyn Dean		Regulatory Coordinator		
Typed or printed name of operator's representative		Title		Signature
6401 Holiday Hill Rd, Bldg 5, Midland, TX 79707		432-221-7349		9/21/2018
Address	City, State, Zip Code	Tel: Area Code	Number	Date: mo. day yr.

Instructions for Form W-15, Cementing Report

**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**Operator No.:** 945936**API Number:** 00347241
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
Rev. 02/2014

P.O. Box 12967 Austin, Texas 78771-2967

512-463-2741

Internet address: www.rrc.texas.gov

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		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)			
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 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 <input type="checkbox"/>		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 <input type="checkbox"/>		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 <input type="checkbox"/>		Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>			
22. The 500 PPM ROE includes any part of a public road <input type="checkbox"/>		Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>			
23. Injection of fluid containing Hydrogen Sulfide (See Instruction 14) <input type="checkbox"/>		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					
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			
<p>CERTIFICATE</p> <p>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.</p> <p><u>Dw Parks</u> Operations Compliance Specialist (432) 634-8109 03/02/09 Representative of Company Title Phone No. Date</p>					

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. Spawers DATE: MAR 12 2009

REMARKS: CERTIFICATION NUMBER: 060888

Permitting

MAR 19 2009





January 20, 2012

REC'D/MIDLAND
FEB 03 2012

RECEIVED
RRC OF TEXAS
JAN 24 2012
OIL & GAS FIELD OPERATIONS
AUSTIN, TX

JAN 20 2012

Approved
Mick
1-25-2012

Completed 2/30/2011

Kim Dalky

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

445936

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 JAN 20 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