

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB NO. 1004-0137
Expires: January 31, 2018.**SUNDRY NOTICES AND REPORTS ON WELLS**
*Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.*Carlsbad Field Office
NM Oil Conservation
RECEIVED
MAR 11 2013

Lease Serial No.

NMNM31649

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

SUBMIT IN TRIPLICATE - Other instructions on page 2

8. Well Name and No.
YATES FEDERAL 8 29. API Well No.
30-015-31499-00-S110. Field and Pool or Exploratory Area
CORRAL CANYON11. County or Parish, State
EDDY COUNTY, NM

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

XTO ENERGY INCORPORATED

Contact: PATRICIA DONALD

E-Mail: PATRICIA_DONALD@XTOENERGY.COM

3a. Address

6401 HOLIDAY HILL ROAD BLDG 5
MIDLAND, TX 79707

3b. Phone No. (include area code)

Ph: 432-571-8220

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Sec 8 T26S R30E NESW 1347FSL 1963FWL

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Hydraulic Fracturing	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input checked="" type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.

XTO ENERGY SUBMITS THE FOLLOWING AS A REQUEST TO RECOMPLETE THE REFERENCED WELL FROM THE WOLF CAMP TO THE BRUSHY DRAW FORMATION. ATTACHED YOU WILL FIND PROPOSED AND CURRENT WBD. AS WELL AS RECOMPLETION PROCEDURE.

Brushy Draw Delaware (East) 8090

OLD requires C102 - cannot assign acreage to new pool w/p C102

14. I hereby certify that the foregoing is true and correct.

Electronic Submission #447343 verified by the BLM Well Information System

For XTO ENERGY INCORPORATED, sent to the Carlsbad

Committed to AFMSS for processing by PRISCILLA PEREZ on 12/13/2018 (19PP0611SE)

Name (Printed/Typed) PATRICIA DONALD

Title REGULATORY ANALYST

Signature (Electronic Submission)

Date 12/12/2018

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By /s/ Jonathon Shepard

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Petroleum Engineer
Carlsbad Field OfficeFEB 21 2019
Date

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED **

RNP 3-22-19



**Yates 8 Federal 2
Recompletion Procedure**

WELL DATA:

LOCATION: 1347' FSL & 1963' FWL, SEC 8, T26S & R30E

COUNTY/STATE: Eddy, NM

FIELD: Brushy Draw

FORMATION: BELL CANYON

API #: 30-015-31499

AFE #: 1806611

STATUS: Recompletion

WBD: Last Page

Elevation: 3084' (KB) 3067' (GL)

Surface Casing: 11-3/4 42# H-40 @ 1020', cmt to surface.

Interm. Casing: 8-5/8" 32# K-55 @ 3465', cmt to surface.

Prod. Casing: 5-1/2" 17# P-110 @ 11198' TOC @3520' CBL. (12/28/2000)

TD: 12,662' 9515' (PBTD)

Tubing: 2-7/8 6.5# L-80

Proposed Perfs: 3483'-3492' (Bell Canyon)

OBJECTIVE: Frac & Test Bell Canyon.

RECOMMENDED PROCEDURE

- 1) MIRU PU. Lay down rods, pump, and tubing. Install minimum ID wellhead needed.
- 2) MIRU WL Company and cement unit. PU CIBP and set at 9200'. Circulate hole clean. Pressure test casing to 500 psi. Spot 25 sxs Class H cement on top of CIBP. WOC & Tag.
- 3) PUH to 7450 and spot 25 sxs Class C cement. WOC & Tag at least 7250. (Covering T/Bone Spring)



**Yates 8 Federal 2
Recompletion Procedure**

- 4) PUH to 4300' and spot 25 sxs Class C cement. WOC & Tag at least 4100'.
(Minimum of 3000' allowed between cement plugs in cased hole)
- 5) POH w/tbg and RIH w/WL. Set RBP at 3700'.
- 6) Pressure up casing to 2000 psi to create pressure on cement. TIH CBL and run to RBP. Report TOC and depth of marker joint
- 7) MIRU Frac Company.
- 8) MIRU 3 frac tanks & fill w/ 1300 bbl FW.
- 9) RU Frac Co. Press test lines to 5000 psi. **PMAX = 4500 psi**. Install pop-off on TCA set @ 750 psi.
- 10) Perforate and Frac the Bell Canyon 3483'-3492' w/ 45,000 gals Slick Water & 10,000 lbs 20/40 NWS + 10,000 lbs 20/40 RCS @ 45 BPM. Flush to top perf minus 1 bbl.

STG	Fluid	PPA	Clean Vol (Gal)	Clean Vol (BBL)	RATE BPM	Sand Stg (lbs)	Slurry (BBL)	CUM. Slurry (BBL)	Time
9	SLK water/Acid/FW		45271	1078	10	20,250	1100	0	24.4

(in totals)

Flush to top perf minus 1 bbl and shut down. Do not overflush RCS. Record ISIP, 5 min, 10 min and 15 min SITP. RD Frac Company. Leave well SION to allow RCS to cure.

- 11) Flow back well until dead. Kill well if needed.
- 12) RIH w/ 4 3/4" bit and three of 3" DC's on 2-7/8" WS. Clean out sand to 4050'.
Circ hole clean. POH 2-7/8" WS, bit and DC's.
- 13) TIH with 2 7/8" WS and packer. Swab test well.
- 14) Swab next day. Report findings to Midland.
- 15) RIH w/ agreed pumping equipment.
- 16) ND BOP. NU WH. Put well to test. Report tests to Midland Engineering.

XTO
ENERGY
Yates 8 Federal 2
Recompletion Procedure

Prepared by:

Approved by:

Ross Teichman

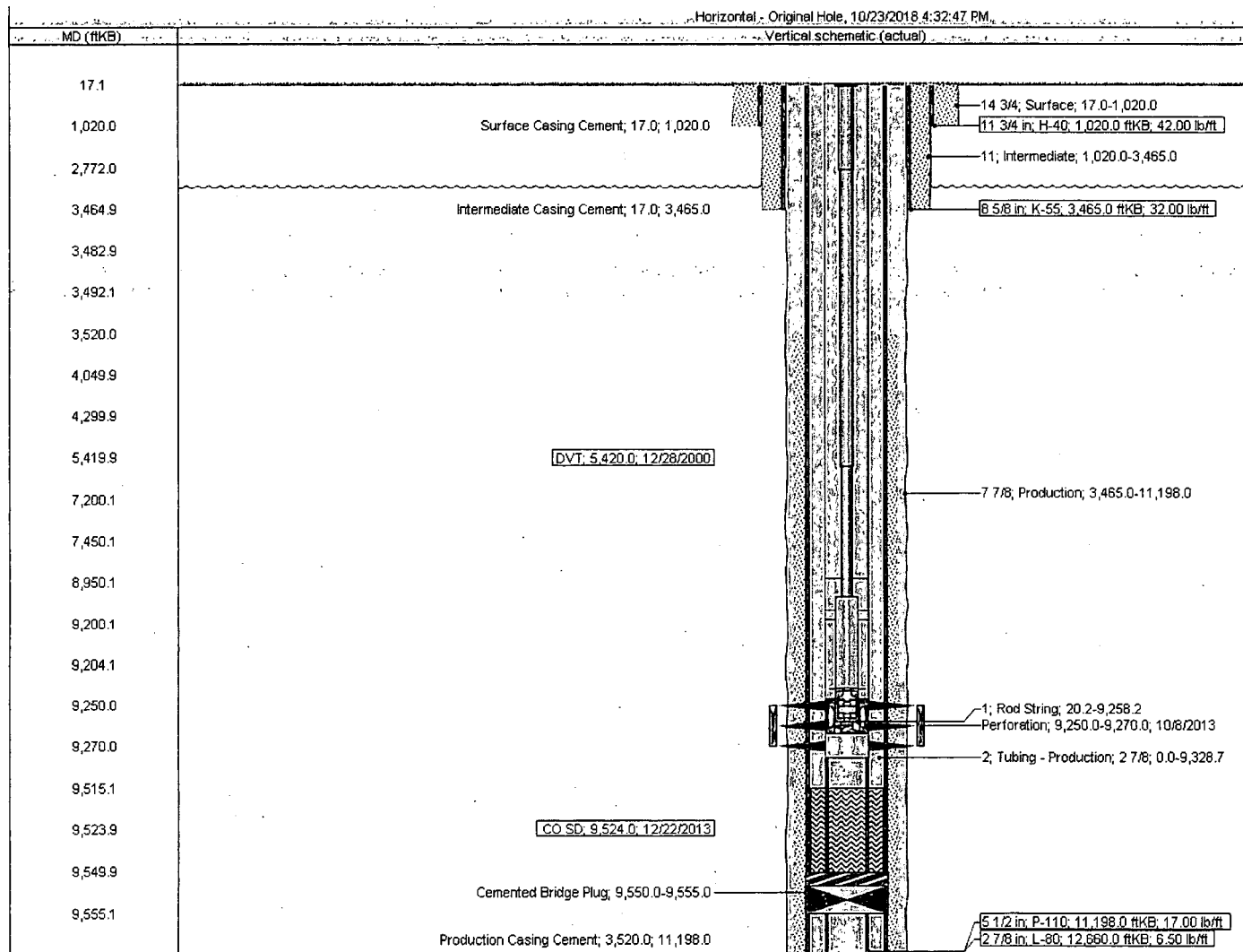
Date

Rob Heinle

Date

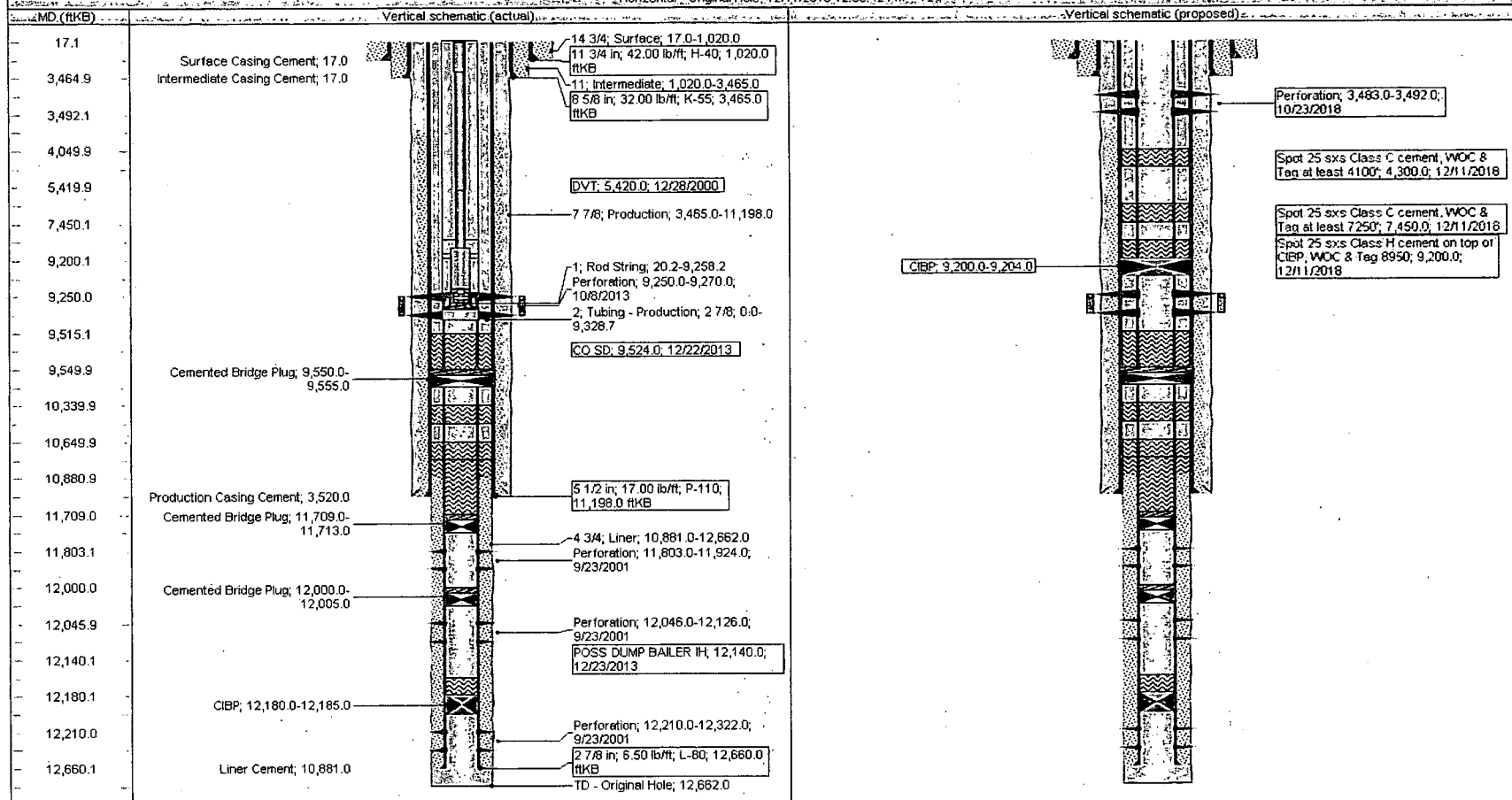
Jim Madison

Date





**Yates 8 Federal 2
Recompletion Procedure**



BUREAU OF LAND MANAGEMENT

Carlsbad Field Office
620 East Greene Street
Carlsbad, New Mexico 88220
575-234-5972

Conditions of Approval for Permanent Abandonment of a Production Zone

1. Notification: Contact the appropriate BLM office at least 24 hours prior to the commencing of any plug back operations. For wells in Eddy County, call 575-361-2822. For wells in Lea County, call 575-393-3612
2. Blowout Preventers: A blowout preventer (BOP), as appropriate, shall be installed before commencing any plugging operation. The BOP must be installed and maintained as per API and manufacturer recommendations. The minimum BOP requirement is a 2M system for a well not deeper than 9,100 feet, a 3M system for a well not deeper than 13,600 feet, or a 5M system for a well not deeper than 22,700 feet (all depths are for measured well depth).
3. Mud Requirement: Mud shall be placed between all plugs. Minimum consistency of plugging mud shall be obtained by mixing at the rate of 25 sacks (50 pounds each) of gel per 100 barrels of brine water. Minimum nine (9) pounds per gallon.
4. Cement Requirement: Sufficient cement shall be used to bring any required plug to the approved depth and length. Any given cement volumes on the proposed plugging procedure are merely estimates and are not final. Unless specific approval is received, no plug except the surface plug shall be less than 25 sacks of cement. Any plug that requires a tag will have a minimum WOC time of 4 hours. In lieu of a cement plug across perforations in a cased hole (not for any other plugs), a bridge plug set within 50 feet to 100 feet above the perforations shall be capped with 25 sacks of cement (or 35 feet with a bailer). Before pumping cement on top of CIBP, a tag will be required to verify depth. Based on depth, a tag of the cement may be deemed necessary. Unless otherwise specified in the approved procedure, the cement plug shall consist of either Neat Class "C", for up to 7,500 feet of depth or Neat Class "H", for deeper than 7,500 feet plugs.
5. Subsequent Plug back Reporting: Within 30 days after plug back work is completed, file a Subsequent Report (Form 3160-5) to BLM. The report should give in detail the manner in which the plug back work was carried out, the extent (by depths) of cement plugs placed, and the size and location (by depths) of casing left in the well. Show date work was completed. If plugging back to a new zone submit a Completion Report (Form 3160-4) with the Subsequent Report.
6. Trash: All trash, junk and other waste material shall be contained in trash cages or bins to prevent scattering and will be removed and deposited in an approved sanitary landfill. Burial on site is not permitted.
7. If well location is within the Timing Limitation Stipulation Area for Lesser Prairie-Chicken: From March 1st through June 15th annually, abandonment activities will be allowed except between the hours from 3:00 am and 9:00 am. Normal vehicle use on existing roads will not be restricted.