

Form 3160-5
(June 2015)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.5. Lease Serial No.
NMNM87274

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.
NMNM944888. Well Name and No.
TOPAZ 30 FEDERAL COM 19. API Well No.
30-025-33375-00-S110. Field and Pool or Exploratory Area
W LYNCH11. County or Parish, State
LEA COUNTY, NM**SUBMIT IN TRIPLICATE - Other instructions on page 2**

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

MARATHON OIL PERMIAN LLC

Contact: ADRIAN COVARRUBIAS

E-Mail: acovarrubias@marathonoil.com

3a. Address

5555 SAN FELIPE STREET
HOUSTON, TX 77056

3b. Phone No. (include area code)

Ph: 713.296.3368

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

Sec 30 T20S R34E SWNW 1980FNL 660FWL

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 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 checked="" 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 recompleat 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 recompleat 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.

Marathon Oil respectfully requests to recompleat the above listed well as follows:

POOH with Tubing (see associated SOP below)

1. Rig up Pulling Unit. Bleed down via the gas compressor and sales line. Kill well. Install Hydraulic BOP and choke manifold diverting system.

2. Come off On-Off tool

3. Allow well to U-Tube by opening up back side

4. Get back on On-Off tool

5. Release Packer

6. POOH with tubing

Set CIBP

7. RU WL and RIH to 13,750? with 5.5? gauge ring and junkbasket.

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

Electronic Submission #538595 verified by the BLM Well Information System**For MARATHON OIL PERMIAN LLC, sent to the Hobbs****Committed to AFMSS for processing by PRISCILLA PEREZ on 11/30/2020 (21PP0645SE)**

Name (Printed/Typed) ADRIAN COVARRUBIAS

Title REGULATORY PROFESSIONAL

Signature (Electronic Submission)

Date 11/25/2020

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By JONATHON SHEPARD

Title PETROELUM ENGINEER

Date 12/08/2020

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.

Office Hobbs

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 ****

Additional data for EC transaction #538595 that would not fit on the form

32. Additional remarks, continued

8. RIH 5.5? CIBP and set no shallower than 13,750?.
9. Dumpbail 35? of Class H CMT above CIBP. TOC @ 13,715?
RIH with Tie Back Liner and Packer
10. RIH with wireline guide, Baker Hornet packer and 13,500? 3 ? tubing. Land tubing.
11. Pour/pump 2% KCl with Packer fluid down back side
12. Place plug in tie back liner and pressure up using a staged schedule to confirm there is no leak.
- Perforations
13. Rig up wireline and test lubricator to 4,500#
14. Make up gamma-CCL and simulation BHA
15. Run in hole and correlate gamma, verifying correlation with both engineer and geologist
16. Pull out of hole and lay down simulation BHA and make up perforation BHA
17. Run in hole with through-tubing gun. Perforate: (2 intervals)
? Gun Run #1: 13,584? ? 13,610? (26?) ***NOTE DISTANCE FROM GAMMA SENSOR TO TOP SHOT***
?Gun Run #2: 13,652? ? 13,690? (38?) ***NOTE DISTANCE FROM GAMMA SENSOR TO TOP SHOT***
18. Perform injection test to insure perms will not pressure up during frac
19. POOH and Rig Down Wireline
Frac
20. Rig up frac equipment/wellhead.
21. Pump fluid and sand according to the pump schedule

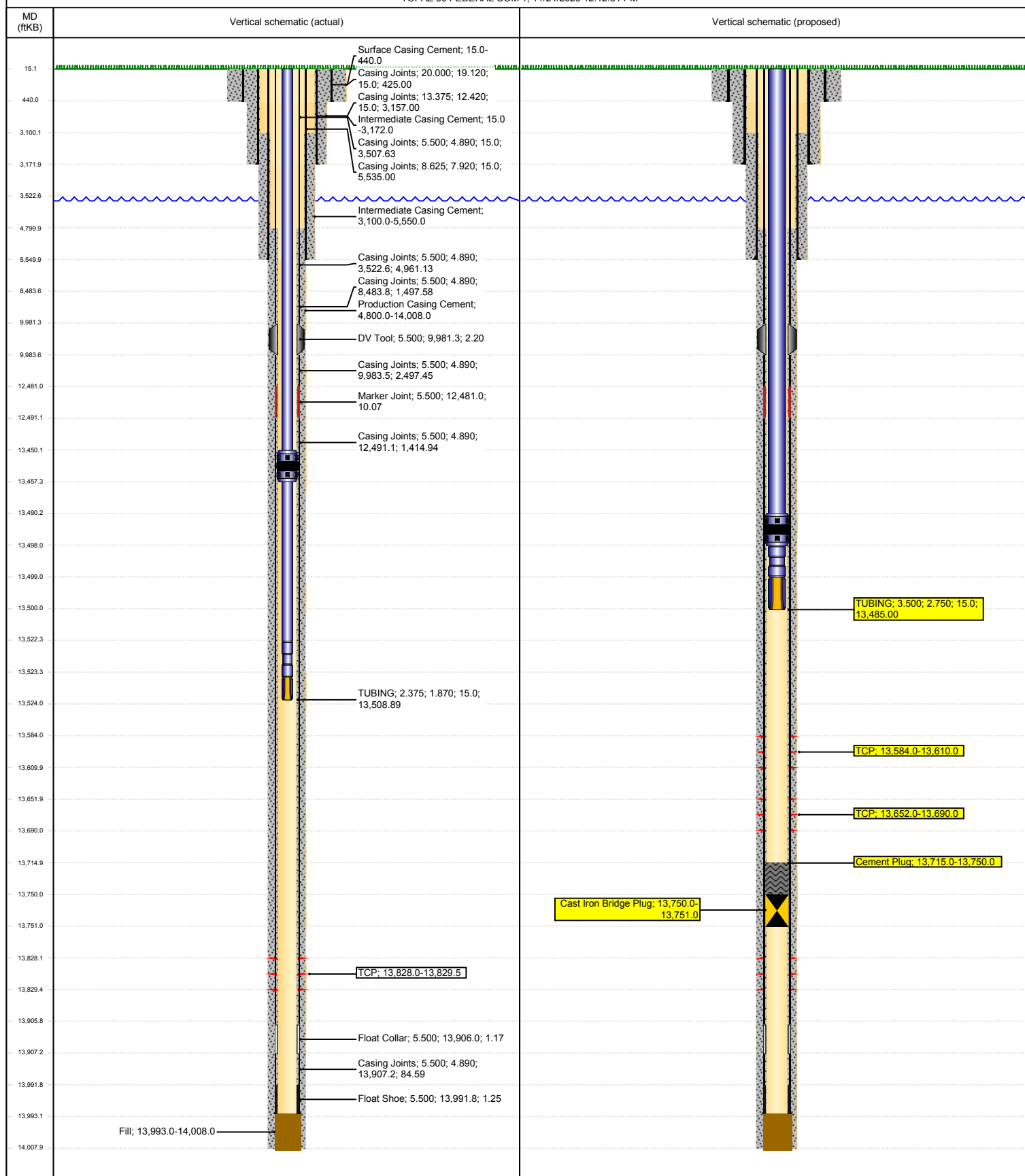


Wellbore Schematic

Well Name: TOPAZ 30 FEDERAL COM 1

State/Province NEW MEXICO	Country UNITED STATES	Field Name LYNCH WEST	Latitude (°) 32.54577810	Longitude (°) -103.60557130	North/South Distance (ft) 1,980.0	North/South Reference FNL
API/ IPO UWI 3002533375	KB-Ground Distance (ft) 15.00	KB-Mud Line Distance (ft)	Ground Elevation (ft) 3,674.00	Drilling Rig Spud Date	Well Original Completion Date 8/24/1996	Well First Production Date 10/31/2013

TOPAZ 30 FEDERAL COM 1, 11/24/2020 12:12:31 PM



Revisions to Operator-Submitted EC Data for Sundry Notice #538595

	Operator Submitted	BLM Revised (AFMSS)
Sundry Type:	RCMPL NOI	PLUGBACK NOI
Lease:	NMNM87274	NMNM87274
Agreement:		NMNM94488 (NMNM94488)
Operator:	MARATHON OIL PERMIAN LLC 5555 SAN FELIPE ST HOUSTON, TX 77056 Ph: 713-296-3368	MARATHON OIL PERMIAN LLC 5555 SAN FELIPE STREET HOUSTON, TX 77056
Admin Contact:	ADRIAN COVARRUBIAS REGULATORY PROFESSIONAL E-Mail: acovarrubias@marathonoil.com Ph: 713-296-3368	ADRIAN COVARRUBIAS REGULATORY PROFESSIONAL E-Mail: acovarrubias@marathonoil.com Ph: 713.296.3368
Tech Contact:	ADRIAN COVARRUBIAS REGULATORY PROFESSIONAL E-Mail: acovarrubias@marathonoil.com Ph: 713-296-3368	ADRIAN COVARRUBIAS REGULATORY PROFESSIONAL E-Mail: acovarrubias@marathonoil.com Ph: 713.296.3368
Location: State: County:	NM LEA	NM LEA
Field/Pool:	LYNCH; MORROW, WEST (GAS)	W LYNCH
Well/Facility:	TOPAZ 30 FEDERAL COM 1H Sec 30 T20S R34E Mer NMP SWNW 1980FNL 660FWL	TOPAZ 30 FEDERAL COM 1 Sec 30 T20S R34E SWNW 1980FNL 660FWL

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.

District I

1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720

District II

811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720

District III

1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170

District IV

1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 14929

CONDITIONS OF APPROVAL

Operator:	OGRID:	Action Number:	Action Type:
MARATHON OIL PERMIAN LLC 5555 San Felipe St. Permian Regulatory Team Houston, TX77056	372098	14929	C-103X

OCD Reviewer	Condition
pkautz	None