

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

NMOCD
Artesia

FORM 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.
NMNM16316

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.
BITTER LAKE CW FEDERAL 1

9. API Well No.
30-005-61662

10. Field and Pool or Exploratory Area
PECOS SLOPE-ABO

11. County or Parish, State
CHAVES COUNTY 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 CORPORATION
Contact: JENNIFER VAN CUREN
E-Mail: jvancuren@marathonoil.com

3a. Address
5555 SAN FELIPE ST.
HOUSTON, TX 77056

3b. Phone No. (include area code)
Ph: 713-629-2500

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Sec 24 T8S R24E SESE 1980FNL 660FEL

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

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

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.

1-26-18 MIRU Pulling unit, POOH w/ tbg (tagged for fill where was documented perfs where.), No plug was above the perfs. SDON called BLM discussed, was told to set CIBP 50? above top perf and pump 25 Sks cmt on top.

1-29-18 RIH and set plug @ 3445? (50? above top perf of 3495?). No fresh water will pump cement following day.

1-30-18 RU cmt truck pumped 25 sx class cmt on top of plug. POOH w/ tbg waited 4 hrs for cmt to set, RIH and tagged cmt @ 3065?. RU pressure truck and pressure test csg. Pumped 10 bbls @ 1.5 bpm 500# pressure did not hold. Called BLM advised to run pkr and pressure test up from 1500? 3065? picked up 4.5? AD1 PKR and RIH to 1472? PKR would not set, RIH to 1504? set pkr. Pressure tested from 1504?-3067?, pressure up to 500# held for 10min no bleed off. Unset pkr RIH to 1850? and

NM OIL CONSERVATION
ARTESIA DISTRICT
MAR 01 2018

RECEIVED
This is not to be placed in the file until the permit is completed. If the permit is not completed, the permit holder must be notified until such time as the permit is completed.

Accepted for record - NMOCD
SC 3-1-18

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

Electronic Submission #405724 verified by the BLM Well Information System
For MARATHON OIL CORPORATION, sent to the Roswell
Committed to AFMSS for processing by JENNIFER SANCHEZ on 02/26/2018 ()

Name (Printed/Typed) JENNIFER VAN CUREN Title SR. REGULATORY COMPLIANCE REP

Signature (Electronic Submission) Date 02/26/2018

ACCEPTED FOR RECORD
THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By _____ Title _____ Date FEB 26 2018

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 BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

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) **** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ****

Additional data for EC transaction #405724 that would not fit on the form

32. Additional remarks, continued

pumped balance plug from 1850?-1750?. Circd hole w/ 10% brine, POOH w/ tbg.

1-31-18 RIH w/ tbg, tagged plug at 1536?, called BLM with situation. Advised to pull pkr to 947? and set it and pressure up on csg from 947? to 1536? held ok. Test above pkr and leaked water, started coming out of surface csg. Unset Pkr and pin point hole in csg @/ between 96?-128?. POOH and laid down pkr. RIH w/ tbg to 947? pumped 225 sx cmt from 947? to surface. Close BOP and keep pumping until cmt out of surface valve. Called BLM and sent picture of cmt at surface in 4-1/2?? csg, BLM approved of pictures and said everything okay. RDMO pulling unit.

2-1-18 Welder cut 8-5/8?? well head and 4-1/2?? csg and welded dry hole marker on top of plate on top of 8-5/8?? csg. Coverd up cellar, cut all anchors, cleaned location.

2-2-18 Dragged and cleaned disturbed area. Move tubing to yard.

Reclamation will be completed and a subsequent sundry will be submitted when complete.

Bitter Lake Federal CW #1 Current WBD

PROPOSED VERTICAL WELLBORE DIAGRAM

Bitter Lake Fed#1
 Chaves County, New Mexico
 SL: 1980'FNL&660'FEL
 Sec24-T8S-R24E
 BHL: Vertical
 Sec17-T20S-R33e
 GL Elev:3590'

API No. 30-005-61662
 12-1/4" hole 400 x lite cmt followed

by 400 sx Class c cmt circ.

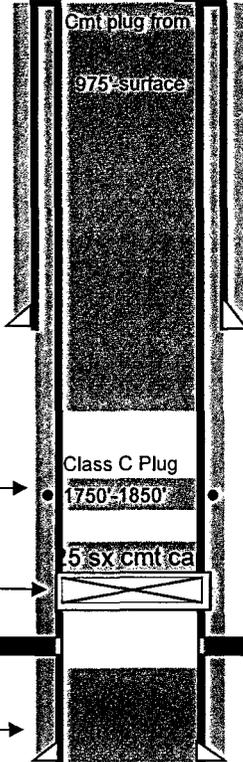
DV Tool @ 1800'

CIBP @ 3445'

Abo Perfs 3495'-3609'

7-7/8" Hole 1st stg 90 sx lite lead, 215 sx class c tail
 2nd stg 300 sx lite lead, 200 sx class c tail

Tops Approx
 SA 700'
 Glor 1280'
 Tubb 3200'
 Abo 3421'



Casing					
Size	No Jts	Wt	Grade/Thrds	Depth Set (MD)	Depth Set (TVD)
8-5/8"		24	J-55	923'	923'
4-1/2"		9.5	J-55	3804'	3804'

Packer Assembly	
Abo Perfs	
3495'-3609'	
14 holes	

Production Assembly			
Description	Length	Depth Set (MD)	Depth Set (TVD)
		0.00'	
		0.00'	
		0.00'	
		0.00'	
		0.00'	
		0.00'	

Vertical Completion Description
 Completed 9-17-82
 Perfed Abo 3495'-3609'
 Frac'd : 30000 gal 2% 37,500 # 20/40
 POF 560 MCFPD 9-23-82

7/19/95 TP 875/ CP 850 Well would not blow down after 2hrs. Killed well with 85 Bbl FW;
 TOO H w/ 3453' tbg set CIBP @ 3450' w/wireline PT to 500# for 2 hrs; pressure to 475#
 5% drop suspect cold water the cause bradenhead test good to 500#

