

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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.*

**Carlsbad Field Office**  
**OOD Artesia**

Lease Serial No.  
NMNM111533

6. If Indian, Allottee or Tribe Name

**SUBMIT IN TRIPLICATE - Other instructions on page 2**

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

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

8. Well Name and No.

SWEET TEA FED COM 24 29 31 WA 8H

2. Name of Operator

MARATHON OIL PERMIAN LLC

Contact: JENNIFER VAN CUREN

E-Mail: jvancuren@marathonoil.com

9. API Well No.

30-015-45605-00-X1

3a. Address

5555 SAN FELIPE ST  
HOUSTON, TX 77056

3b. Phone No. (include area code)

Ph: 713.296.2500

10. Field and Pool or Exploratory Area

PURPLE SAGE-WOLFCAMP (GAS)

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

Sec 31 T24S R29E NESW 2400FSL 2183FWL  
32.173077 N Lat, 104.025192 W Lon

11. County or Parish, State

EDDY COUNTY, NM

**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 type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" 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 checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	Drilling Operations
	<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.

3/29/2019 ? MIRU and Spud. Drill 17 ?? surface section from 85? to 416?. 3/30 ? Run 13 3/8? csg, 10 jts, 54.5#, STC to 397?. Cement csg by pumping 30 bbls of spacer, 555sx, of cement with no cement returned to surface. BLM representative on location during cement job. RDMO. 4/28 ? MIRU. 4/29 - Perform BOPE test. 4/30 - Test 13 3/8? csg to 1500 psi for 30 min, held, good test. Drill show track and 10? of new formation to 426?. Notified BLM of 9 5/8? csg and cement job. 5/1 - Drill 12 ?? from 426 to 2696?. TOO H to BHA. Run 9 5/8? csg, 59 jts, 36#, J55, LTC to 2687?. Cement csg by pumping 20 bbls spacer, 660sx of lead cement, 180sx of tail cement with 7sx of cement to surface. 5/2 ? Pressure test csg to 2100 psi for 30 min, 42 psi drop, good test. Drill shoe track and 10? new formation to 2706?. Drill 8 ?? section from 2706? to 9300?. 5/4 ? TOO H to BHA. TIH with curve assembly. Re-log gamma from 9200? to 9300?. 5/5 ? Continue drilling 8 ?? hole from 9300? to 10098?. Notified BLM of intent to run and cement 7? casing. TOO H to BHA. 5/6 ? Run 7? csg, 245jts, 29#, VA Rougheck, to 10088?. Cement csg by pumping 20 bbls spacer, 825sx of lead cmt, 165sx of tail

RECEIVED

JUL 23 2019

DISTRICT II-ARTESIA O.C.D.

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

Electronic Submission #468895 verified by the BLM Well Information System  
For MARATHON OIL PERMIAN LLC, sent to the Carlsbad  
Committed to AFMSS for processing by PRISCILLA PEREZ on 06/13/2019 (19PP2417SE)

Name (Printed/Typed) JENNIFER VAN CUREN

Title REGULATORY ANALYST

Signature (Electronic Submission)

Date 06/13/2019

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved By

Title Accepted for Record

JUL 11 2019  
Date

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 Jonathon Shepard  
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)

**\*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\***

RW 10-25-19

**Additional data for EC transaction #468895 that would not fit on the form**

**32. Additional remarks, continued**

cement, with 186sx of cement to surface. 5/7 ? Pressure test csg to 4700 psi for 30 min, 49 psi drop, test good. 5/9 - Drill shoe track and 10' new formation to 10108'. Circulate. Drill 6 1/8" lateral section from 10108' to 11609'. 5/10 ? TOOH to BHA. TIH to 11515'. Re-log gamma from 11515' to 11609'. 5/11 ? Continue drilling 6 1/8" lateral section from 11609' to 14111'. 5/13 ? TOOH to BHA. TIH and re-log gamma from 14011' to 14111'. Continue drilling 6 1/8" lateral section from 14111' to 15678'. 5/15 ? POOH to BHA. Flow check. TIH to 15571'. Re-log gamma from 15571' to 15678'. Drill 6 1/8" lateral section from 15678' to 17174'. 5/16 ? Notified BLM of intent to run liner and cement job. POOH to BHA. 5/17 ? Run 4" liner, 188jts, 13.5#, VA Roughneck from 9351' to 17174'. 5/18 ? Cement liner by pumping 30 bbls spacer, 820sx of tail cement with 183sx cement to surface. Pressure test liner to 3800 psi for 30 min, held, test good. 5/19 ? RDMO.

SWEET TEA FEDERAL 24 29 31 WA 8H				
30-015-45605				
SPUD	TD Reached	Rig Release	Total Depth	Ground Elevation
3/29/2019	5/16/2019	5/19/2019	17174 / 9878	2906
Casing detail	Surface	Intermediate	Production	Liner
Date	3/30/2019	5/1/2019	5/6/2019	5/17/2019
Hole size	17 1/2	12 1/4	8 3/4	6 1/8
Casing size	13 3/8	9 5/8	7	4 1/2
Weight	54.5	36	29	13.5
Type	J55	J55	P110	P110
Thread	STC	LTC	VA Rougneck	VA Roughneck
Top	0	0	0	9351
Depth (MD)	397	2687	10088	17174
Amount jnts	10	59	245	188
Cement detail	Surface	Intermediate	Production	Liner
Date	3/30/2019	5/1/2019	5/6/2019	5/18/2019
Top depth KB		0	0	9351
Bottom depth KB		2687	10088	17174
Lead sks	555	660	825	
Yield	1.34	2.32	2.59	
Tail sks		180	165	820
Yield		1.33	1.25	1.16
WOC to 500 psi	5.1 hrs			
Spacer	30 bbls	20 bbls	20 bbls	30 bbls
Class	C	C	H	H
Circulate to surface (sks)	0	7	186	183
Top meas. method	Calculations	Circulate	Circulate	Circulate
TOC		0	0	9351
Pressure testing	Surface	Intermediate	Production	Liner
Date	4/30/2019	5/2/2019	5/7/2019	5/18/2019
PSI	1500	2100	4700	3800
Time (min)	30	30	30	30
Bled off	0	42	49	0
Drop	0%	2%	1%	0%
Good test	Yes	Yes	Yes	Yes

State/Province NEW MEXICO	Country UNITED STATES	Field Name WILLOW LAKE	Latitude (°) 32.17298000	Longitude (°) -104.02466330	North/South Distance (ft) 2,400.0	North/South Reference FSL
API/ I/O UWI 3001545605	KB: Ground Distance (ft) 26.50	KB: Mud Line Distance (ft)	Ground Elevation (ft) 2,906.00	Drilling Rig Spud Date 4/29/2019	Well Original Completion Date	Well First Production Date

### HORIZONTAL, SWEET TEA FEDERAL COM 24 29 31 WA 008H, 6/13/2019 9:58:06 AM

