

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Carlsbad Field Office

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.

Lease Serial No.
NMNM111533

If Indian, Allottee or Tribe Name

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

Well Name and No.
SWEET TEA FED COM 24 29 31 SB 7H

API Well No.
30-015-45606-00-X1

Field and Pool or Exploratory Area
WILLOW LAKE-BONE SPRING, WEST

County or Parish, State
EDDY 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: JENNIFER VAN CUREN
E-Mail: jvancuren@marathonoil.com

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

3b. Phone No. (include area code)
Ph: 713.296.2500

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Sec 31 T24S R29E NESW 2400FSL 2153FWL
32.173077 N Lat, 104.025383 W Lon

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"/> Alter Casing
	<input type="checkbox"/> Reclamation
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Recomplete
	<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
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Well Integrity
	<input checked="" type="checkbox"/> Other Drilling Operations

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 recomple 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.

MIRU 3/26/2019 ? Notified BLM of intent to spud. 3/27 ? Spud. Drill 17 ?? surface section from 80? to 416?. 3/28 ? Notified BLM of intent to run casing and cement. Run 13 3/8? csg, 10 jts, 54.5#, STC to 416?. 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. 4/11 ? MIRU 4/14 ? Test 13 3/8? csg to 1500 sps for 30 min, 50 psi drop, good test. Perform BOPE test. 4/16 ? Drill show track and 10? of new formation to 426?. Drill 12 ?? from 426 to 2701? Notified BLM of 9 5/8? csg run and cement job. 4/17 ? TOO H to BHA. Run 9 5/8? csg, 61jts, 36#, J55, LTC to 2692?. Cement csg by pumping 20 bbls spacer, 660sx of lead cement, 180sx of tail cement, with 300sx of cement to surface. 4/18 ? Pressure test csg to 2100 psi for 30 min, 50 psi drop, good test. Drill shoe track and 10? new formation to 2711?. Drill 8 ?? vertical from 2711 to 7738?. 4/20 ? TOO H to BHA. TIH with curve assembly. Re-log gamma from 7600 to 7638?. Drill 8 3/4? vertical production section from 7738? to 7840?. Drill 8 ?? curve section from 7840? to 8910?. Circulate. TOO H from 8910 to BHA. TIH with

GC 6/25/19
Accepted for record - NMOC

RECEIVED

JUN 25 2019

DISTRICT II-ARTESIA O.C.D.

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

Electronic Submission #466645 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 05/28/2019 (19PP2241SE)

Name (Printed/Typed) JENNIFER VAN CUREN

Title REGULATORY ANALYST

Signature (Electronic Submission)

Date 05/24/2019

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By

Title Accepted for Record

MAY 29 2019

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.

Jonathon Shepard
Carlsbad Field Office

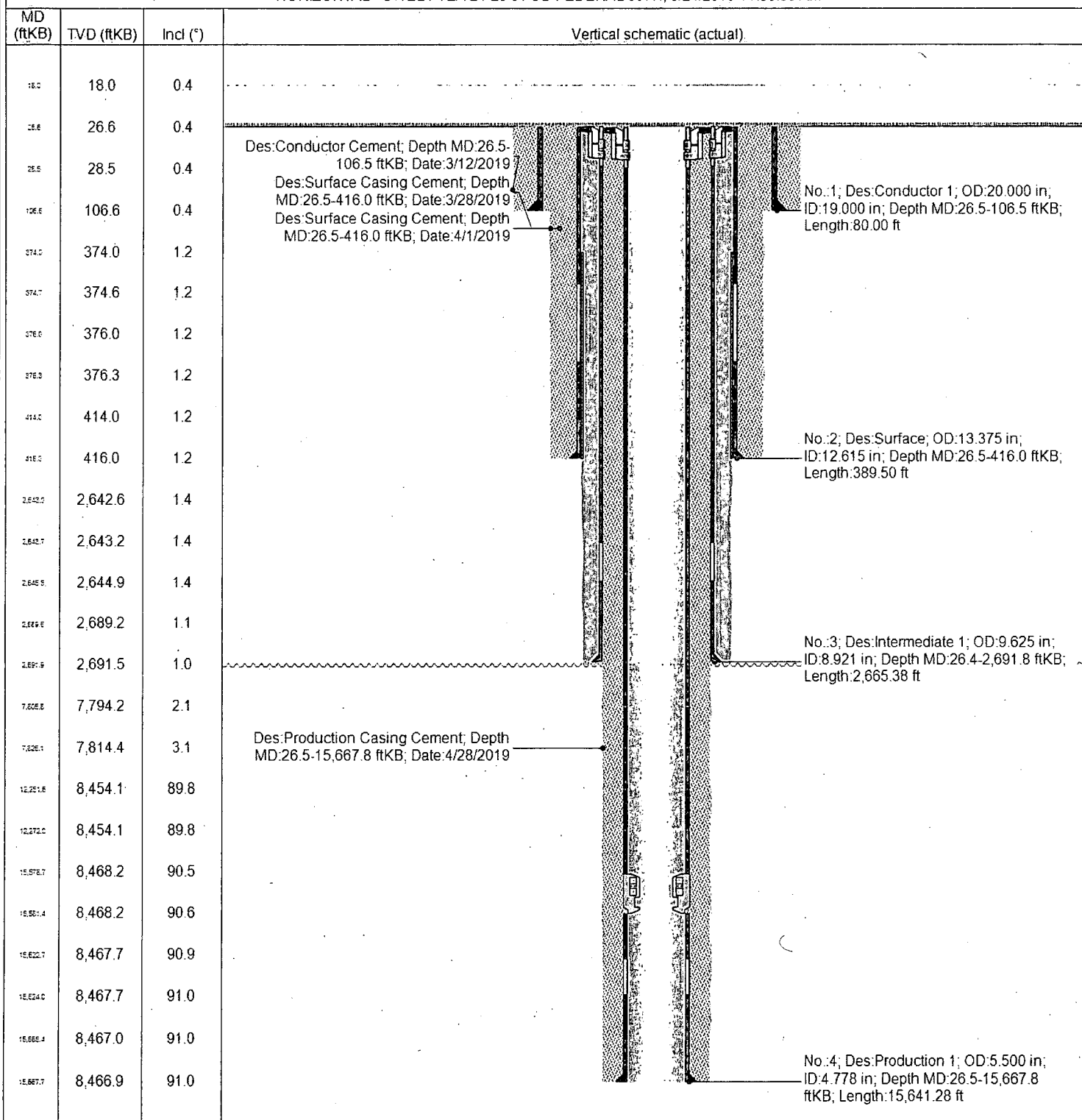
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

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

State/Province NEW MEXICO	Prospect Area MALAGA	Field Name WILLOW LAKE	Well Subtype	Lat/Long Datum NAD27	Latitude (°) 32.172980	Longitude (°) -104.024857
Well Configuration Type HORIZONTAL	Well Objective EXPLOITATION	Well Status COMPLETION	Ground Elevation (ft) 2,906.00	KB: Ground Distance (ft) 26:50		

HORIZONTAL - SWEET TEA 24 29 31 SB FEDERAL 007H, 5/24/2019 11:36:38 AM



Directions to Well: From the Marathon Office at 4111 Tidwell, Carlsbad, NM head south on Tidwell Rd toward US Hwy 285 N for 0.2 miles.

Turn left onto US Hwy 285 S, heading south, for 14.4 miles to Pulley Rd

Turn left onto Pulley Rd, heading east, for 1.2 miles to a sharp curve to the left.

Turn right onto a caliche road, heading south, for 1.0 miles to a sharp curve to the right.

Turn right onto caliche road, heading south, for 1.1 miles to the proposed lease rd for the Sweet Tea Federal 24-29-31 SB#7H&WA#8H well pad location.

SWEET TEA FEDERAL 24 29 31 SB 7H				
30-015-45606				
SPUD	TD Reached	Rig Release	Total Depth	Ground Elevation
3/27/2019	4/25/2019	4/28/2019	15692 / 8475	2906
Casing detail	Surface	Intermediate	Production	Liner
Date	3/28/2019	4/17/2019	4/27/2019	
Hole size	17 1/2	12 1/4	8 3/4	
Casing size	13 3/8	9 5/8	5 1/2	
Weight	54.5	36	20	
Type	J55	J55	P110	
Thread	STC	LTC	VA Rougneck	
Top	0	0	0	
Depth (MD)	395	2692	15668	
Amount jnts	10	61	377	
Cement detail	Surface	Intermediate	Production	Liner
Date		4/17/2019	4/28/2019	
Top depth KB	0	0	0	
Bottom depth KB	416	2692	15668	
Lead sks	555	660	1950	
Yield	1.34	2.32	3.3	
Tail sks		180	1050	
Yield		1.33	1.22	
Spacer	30 bbls	20 bbls	50 bbls	
Class	C	C	50/50 Poz	
Circulate to, surface (sks)	0	300	211	
Top meas. method	Calculations	Circulate	Circulate	
TOC	0	0	0	
Pressure testing	Surface	Intermediate	Production	Liner
Date	4/14/2019	4/18/2019		
PSI	1500	2100		
Time (min)	30	30		
Bled off	50	50		
Drop	3%	2%		
Good test	Yes	Yes		