

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**Carlsbad Field Office**
OCD HobbsFORM 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.
NMNM136221

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

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other2. Name of Operator
MARATHON OIL PERMIAN LLCContact: JENNIFER VAN CUREN
E-Mail: jvancuren@marathonoil.com**HOBBS OOD**8. Well Name and No.
LOGIE DRAW FED COM 25 34 14 TB 1H3a. Address
5555 SAN FELIPE STREET
HOUSTON, TX 770563b. Phone No. (include area code)
Ph: 713.296.25009. API Well No.
30-025-45092-00-X110. Field and Pool or Exploratory Area
RED HILLS-BONE SPRINGS

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

Sec 14 T25S R34E NWSW 2600FSL 626FWL
32.130268 N Lat, 103.446800 W Lon

11. County or Parish, State

LEA COUNTY, NM

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

TYPE OF SUBMISSION

TYPE OF ACTION

☐ Notice of Intent☒ Subsequent Report☐ Final Abandonment Notice☐ Acidize☐ Alter Casing☐ Casing Repair☐ Change Plans☐ Convert to Injection☐ Deepen☐ Hydraulic Fracturing☐ New Construction☐ Plug and Abandon☐ Plug Back☐ Production (Start/Resume)☐ Reclamation☐ Recomplete☐ Temporarily Abandon☐ Water Disposal☐ Water Shut-Off☐ Well Integrity☒ 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 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.

MIRU. 1/21/2019 Notified BLM of intent to spud. 1/22 ? Spud. Drill 17 ?? surface section from 146? to 1036?. Notified BLM of intent to run surface csg and cement. 1/23 ? Run 13 3/8? csg, 24 jts, 54.5#, STC to 1026?. Cement csg by pumping 30 bbls of spacer, 1036sx of lead cmt and 345sx tail cmt, with 493sx of cmt returned to surface. RDMO. 1/28 ? Test csg to 1500psi for 30min, held, good test. 2/9 ? MIRU. Perform BOPE test. 2/10 ? PU BHA and TIH to drill out. Drill shoe track and 10? of new formation to 1046?. Drill 12 ?? vertical from 1046? to 5360?. 2/12 - Notified BLM of intent to run csg and cmt job. Run 9 5/8? csg, 121jts, 40#, J55, LTC, shoe set @ 5348? and float collar @ 5306?. 2/13 ? Cement 9 5/8? csg by pumping 40 bbls spacer, 1085sx, lead cmt, and 385sx, tail cmt with 328sx cmt to surface. Pressure test csg to 3000psi for 30 min, 51 psi drop, good test. Drill shoe track and 10? new formation to 5370?. Drill 8 ?? vertical from 5370? to 11410?. 2/17 - Circulate hole clean. TOH to BHA. Contact BLM of upcoming csg and cmt job. Run 7? csg, 281 jts, 29#, VA Roughneck to 11633?. 2/18 ? Cement csg by pumping 30 bbls space, 745sx lead cmt and 185sx

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

**Electronic Submission #461760 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 04/17/2019 (19PP1579SE)**

Name (Printed/Typed) JENNIFER VAN CUREN

Title SR. REGULATORY COMPLIANCE REP

Signature (Electronic Submission)

Date 04/17/2019

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By

Title

Accepted for Record**APR 23 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.

Jonathon Shepard
Carlsbad Field Office
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 ****

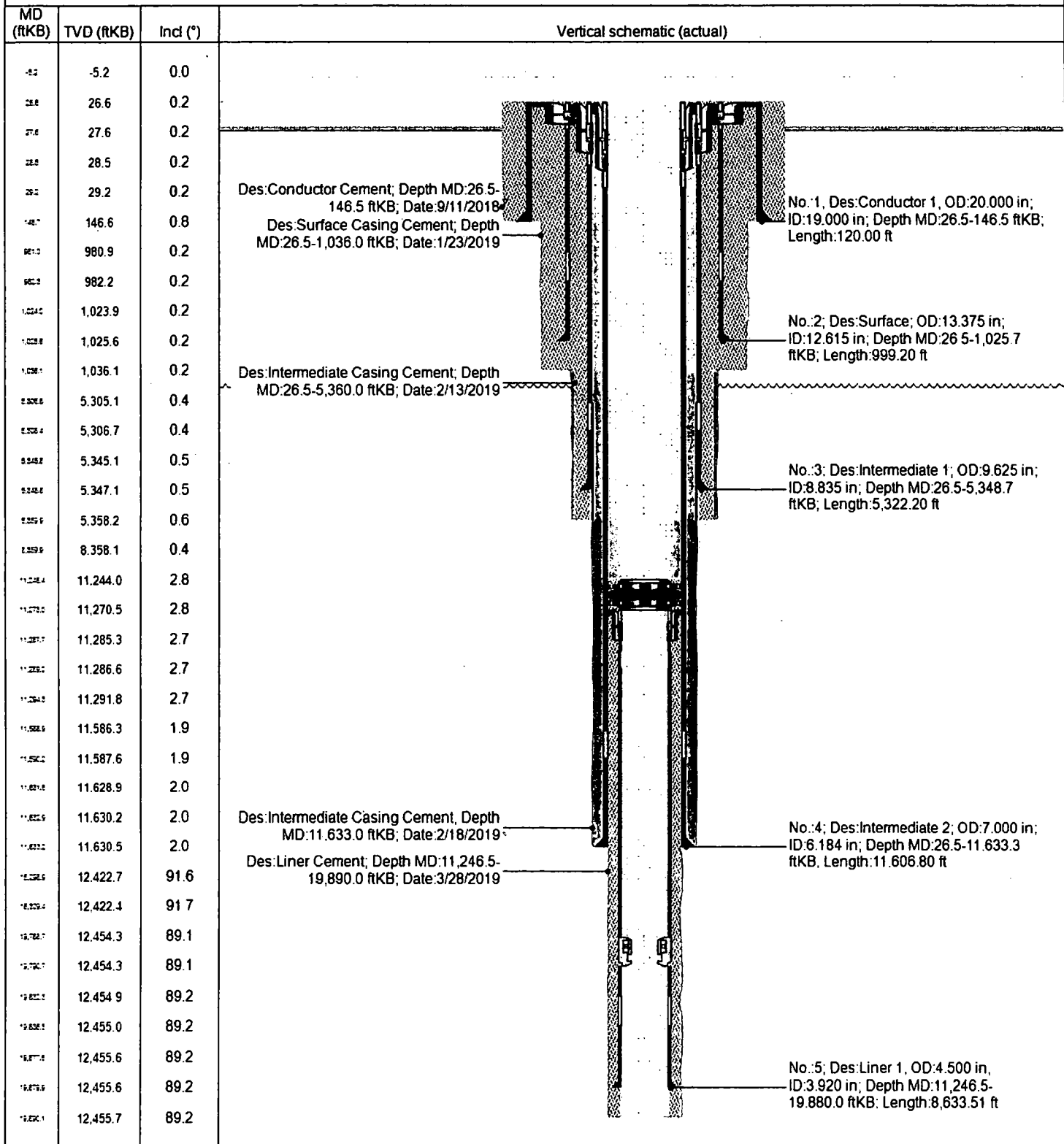
Additional data for EC transaction #461760 that would not fit on the form

32. Additional remarks, continued

tail cmt with no cmt observed to surface. A cement bond log will be run before completion. 3/14 ? Test csg to 5500psi for 30 minutes, 50 psi drop, good test. TIH to 11564?. 3/15 - Drill shoe track and 10' new formation to 11655?. Drill 6 1/8" vertical from 11655 to 11753?. TOH to BHA. TIH to 11633?. Sync tool and re-log from 11633? to 11753?. 3/17 ? Continue drilling 6 1/8" vertical from 11753 to 11919?. Start drilling curve section from 11919? to 12035?. Re-log from 11962? to 12035?. Continue drilling curve from 12035 to 12601?. 3/18 ? Circulate bottoms up. TOH to BHA. Clean OBM from TOH. TIH to 11919?. Wash down from 11919? to 12529?. Re log to 12601?. 3/19 ? Continue drilling lateral section from 12601? to 12648?. TOH to 11587?. TIH from 11587? to 12644?. Continue drilling 6 1/8" lateral from 12648? to 16083?. 3/22 ? Circulate hole clean. TOH to BHA. TIH to 16083?. 3/23 ? Continue drilling 6 1/8" lateral from 16083? to 19890?. 3/27 ? TOH to 105?. Notified BLM on intent to run csg and cmt job. Run 4 ?? csg, 207 jts, 13.5#, VA Roughneck to 19880?. 3/28 ? Cement csg by pumping 30 bbls of spacer and 890sx of tail cmt, with 105sx of cmt to surface. Pressure test the 4 ?? csg to 4600 psi for 30 min, 100 psi drop, good test. 3/30 ? RDMO.

State/Province TEXAS	Prospect Area RED HILLS	Field Name FAIRVIEW MILLS	Well Subtype	Lat/Long Datum NAD27	Latitude (°) 32.130212	Longitude (°) -103.446801
Well Configuration Type HORIZONTAL	Well Objective EXPLOITATION	Well Status DRILLING	Ground Elevation (ft) 3,330.00	KB-Ground Distance (ft) 27.50		

HORIZONTAL - DOGIE DRAW FED COM 25 34 14 TB 1H, 4/16/2019 3:43:32 PM



DOGIE DRAW FED COM 25 34 14 TB 1H

30-025-45092

SPUD	TD Reached	Rig Release	Total Depth	Ground Elevation
1/22/2019	3/27/2019	3/30/2019	19890 / 12456	3330
Casing detail	Surface	Intermediate	Production	Liner
Date	1/23/2019	2/12/2019	2/17/2019	3/27/2019
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	40	29	13.5
Type	J55	J55	P110	P110
Thread	STC	LTC	VA ROUGHNECK	VA ROUGHNECK
Top	0	0	0	11247
Depth (MD)	1026	5349	11633	19880
Amount jnts	24	121	281	207
Cement detail	Surface	Intermediate	Production	Liner
Date	1/23/2019	2/13/2019	2/18/2019	3/28/2019
Top depth KB	0	0		11,247
Bottom depth KB	1036	5360	11633	19890
Lead sks	755	1085	745	
Yield	1.73	2.26	3.22	
Tail sks	345	385	185	890
Yield	1.33	1.33	1.15	1.18
Spacer	30 bbls	20 bbls	30 bbls	30 BBLS
Class	C	C	C	C
Circulate to surface (sks)	493	328	0	105
Top meas. method	Circulate	Circulate	Calcualtions	Circulate
TOC	0	0		11247
Pressure testing	Surface	Intermediate	Production	Liner
Date	1/28/2019	2/13/2019	3/14/2019	3/29/2019
PSI	1500	3000	5500	4600
Time (min)	30	30	30	30
Bled off	0	51	50	100
Drop	0%	2%	1%	2%
Good test	Yes	Yes	Yes	Yes