

**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. NMNM13074 ✓  
6. If Indian, Allottee or Tribe Name  
7. If Unit or CA/Agreement, Name and/or No.  
8. Well Name and No. KYLE 34 FEDERAL 2H ✓  
9. API Well No. 30-015-42187 ✓  
10. Field and Pool or Exploratory Area WILLOW LAKE; BONE SPRING  
11. 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.co  
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 34 T24S R28E Mer NMP SWSW 330FSL 330FWL

**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 checked="" type="checkbox"/> Other Site Facility Diagram/Security Plan
	<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	

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.

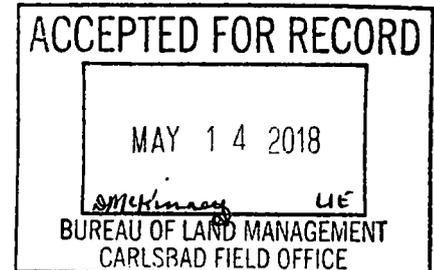
Marathon Oil Permian LLC is submitting the facility diagram for this location.

GC 5-25-18  
Accepted for record - NMOCD

RECEIVED

MAY 25 2018

DISTRICT II-ARTESIA O.C.D.



14. I hereby certify that the foregoing is true and correct.  
Electronic Submission #419026 verified by the BLM Well Information System For MARATHON OIL PERMIAN LLC, sent to the Carlsbad Committed to AFMSS for processing by DEBORAH MCKINNEY on 05/09/2018 ()

Name (Printed/Typed) JENNIFER VAN CUREN Title SR. REGULATORY COMPLIANCE REP  
Signature (Electronic Submission) Date 05/07/2018

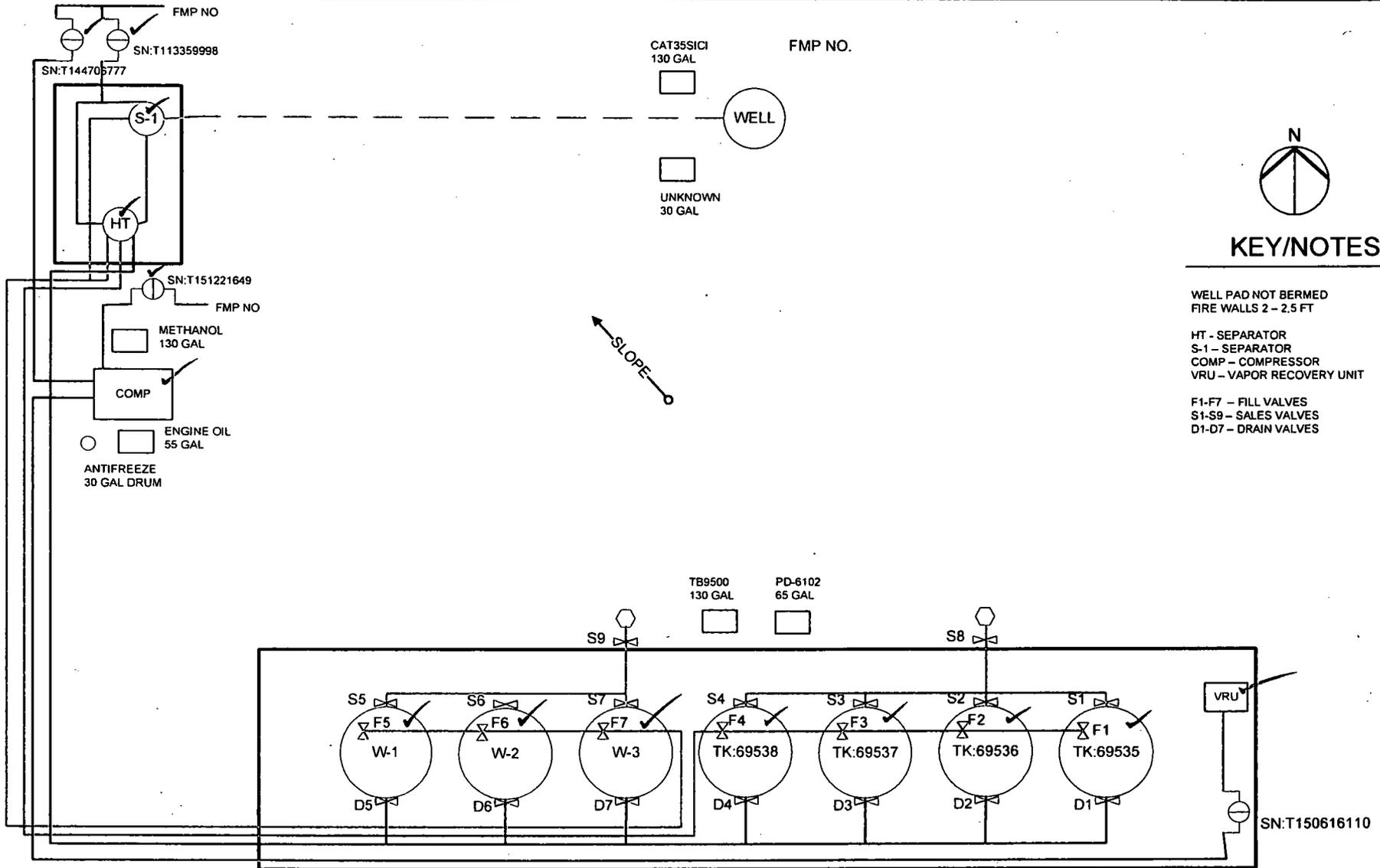
**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved By \_\_\_\_\_ Title \_\_\_\_\_ 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 \_\_\_\_\_

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 \*\***



**KEY/NOTES**

- WELL PAD NOT BERMED
- FIRE WALLS 2 - 2.5 FT
- HT - SEPARATOR
- S-1 - SEPARATOR
- COMP - COMPRESSOR
- VRU - VAPOR RECOVERY UNIT
- F1-F7 - FILL VALVES
- S1-S9 - SALES VALVES
- D1-D7 - DRAIN VALVES

FIGURE TITLE		<b>KYLE 34 FEDERAL 2H</b>	
API	LEASE	CA #	
<b>30-015-42187</b>	<b>NMNM13074</b>		
OPERATOR			
<b>MARATHON OIL PERMIAN, LLC</b> <b>5555 SAN FELIPSE ST, HOUSTON, TX 77056</b>			
LOCATION		LAT	LONG
<b>EDDY COUNTY, NM</b>	<b>SWSW-34-24S-28E</b> <b>330 FSL &amp; 330 FWL</b>	<b>32.1674461</b>	<b>-104.0827179</b>

DATE	MAY 2018
SCALE	NOT TO SCALE
DRAWN BY	AC
APPROVED BY	JVC



### Valve Positioning in the Production Phase

Producing from TK:69535  
 F1 is open  
 F2, F3, F4 are closed  
 S1-S4 are sealed closed  
 D1-D4 are sealed closed

Producing from TK:69536  
 F2 is open  
 F1, F3, F4 are closed  
 S1-S4 are sealed closed  
 D1-D4 are sealed closed

Producing from TK:69537  
 F3 is open  
 F1, F2, F4 are closed  
 S1-S4 are sealed closed  
 D1-D4 are sealed closed

Producing from TK:69538  
 F4 is open  
 F1, F2, F3 are closed  
 S1-S4 are sealed closed  
 D1-D4 are sealed closed

### Valve Positioning in the Sales Phase

Selling from TK:69535  
 S1 is open  
 S2, S3, S4 are sealed closed  
 F1 is sealed closed  
 F2, F3, F4 are open or closed  
 D1-D4 are sealed closed

Selling from TK:69536  
 S2 is open  
 S1, S3, S4 are sealed closed  
 F2 is sealed closed  
 F1, F3, F4 are open or closed  
 D1-D4 are sealed closed

Selling from TK:69537  
 S3 is open  
 S1, S2, S4 are sealed closed  
 F3 is sealed closed  
 F1, F2, F4 are open or closed  
 D1-D4 are sealed closed

Selling from TK:69538  
 S4 is open  
 S1, S2, S3 are sealed closed  
 F4 is sealed closed  
 F1, F2, F3 are open or closed  
 D1-D4 are sealed closed

### Valve Positioning in the Drain Phase

Draining from TK:69535  
 D1 is open  
 D2, D3, D4 are sealed closed  
 F1 is sealed closed  
 F2, F3, F4 are open or closed  
 S1-S4 are sealed closed

Draining from TK:69536  
 D2 is open  
 D1, D3, D4 are sealed closed  
 F2 is sealed closed  
 F1, F3, F4 are open or closed  
 S1-S4 are sealed closed

Draining from TK:69537  
 D3 is open  
 D1, D2, D4 are sealed closed  
 F3 is sealed closed  
 F1, F2, F4 are open or closed  
 S1-S4 are sealed closed

Draining from TK:69538  
 D4 is open  
 D1, D2, D3 are sealed closed  
 F4 is sealed closed  
 F1, F2, F3 are open or closed  
 S1-S4 are sealed closed



FIGURE TITLE

**KYLE 34 FEDERAL 2H**

API

**30-015-42187**

LEASE

**NMNM13074**

CA #

OPERATOR

**MARATHON OIL PERMIAN, LLC  
 5555 SAN FELIPSE ST, HOUSTON, TX 77056**

LOCATION

**EDDY COUNTY, NM**

**SWSW-34-24S-28E  
 330 FSL & 330 FWL**

**LAT 32.1674461  
 LONG -104.0827179**

DATE MAY 2018

SCALE NOT TO SCALE

DRAWN BY AC

APPROVED BY JVC