

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.*

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

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. NMNM13647
2. Name of Operator MARATHON OIL PERMIAN LLC Contact: JENNIFER VAN CUREN E-Mail: jvancuren@marathonoil.co		6. If Indian, Allottee or Tribe Name
3a. Address 5555 SAN FELIPE STREET HOUSTON, TX 77056	3b. Phone No. (include area code) Ph: 713-296-2500	7. If Unit or CA/Agreement, Name and/or No.
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 5 T26S R35E SWSW 185FSL 330FWL 32.065605 N Lat, 103.396957 W Lon		8. Well Name and No. CAVE LION 5 FEDERAL 26 5 TB 1H
		9. API Well No. 30-025-44087-00-S1
		10. Field and Pool or Exploratory Area JABALINA
		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
<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
	<input type="checkbox"/> Change Plans <input type="checkbox"/> Plug and Abandon <input type="checkbox"/> Temporarily Abandon <input type="checkbox"/> Site Facility Diagram/Security Plan
	<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 wells in Lease NMNM13647.

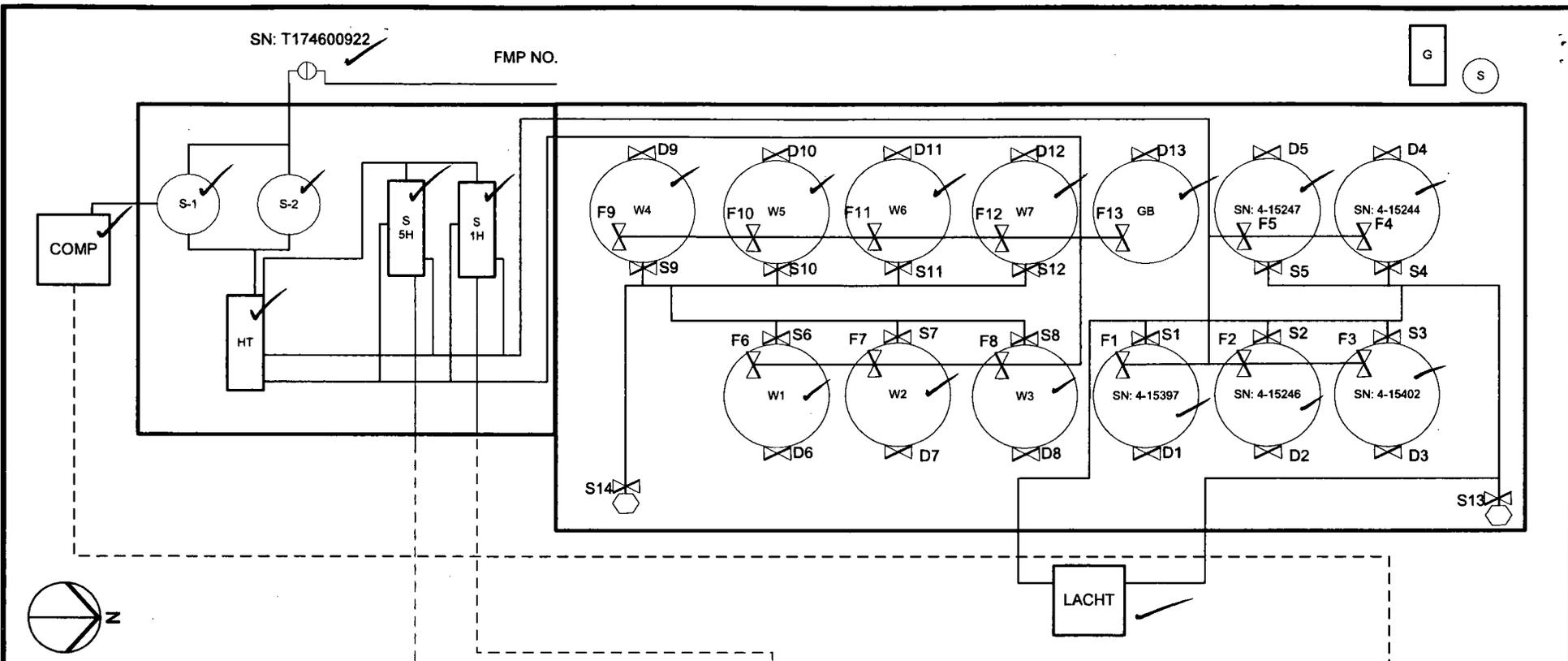
14. I hereby certify that the foregoing is true and correct. <b>Electronic Submission #426872 verified by the BLM Well Information System For MARATHON OIL PERMIAN LLC, sent to the Hobbs Committed to AFMSS for processing by DEBORAH MCKINNEY on 07/11/2018 (18DLM0413SE)</b>	
Name (Printed/Typed) JENNIFER VAN CUREN	Title SR. REGULATORY COMPLIANCE REP
Signature (Electronic Submission)	Date 07/10/2018
<b>THIS SPACE FOR FEDERAL OR STATE OFFICE USE</b>	
Approved By _____	Title _____ Date JUL 18 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 _____
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 any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.	

ACCEPTED FOR RECORD  
JUL 18 2018  
McKinney WE  
BUREAU OF LAND MANAGEMENT  
CARLSBAD FIELD OFFICE

(Instructions on page 2)

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

*K2*



**NOTES/KEY**

WELL PAD NOT BERMED

- HT: Heater Treater
- S: Separators
- G: Generator
- GB: Gun Barrel
- W: Water Storage Tank
- SN: Oil Storage Tank

- FLOW METERS:
- 1H – SN: 14749695
- 5H – SN: 14750232

- F1 – F13 – Production Valves
- S1 – S14 – Sales Valves
- D1 – D13 – Drain Valves

 <p><b>Marathon Oil</b></p>	<b>FIGURE TITLE</b> <b>CAVE LION 5 FEDERAL 1H &amp; 5H</b>		<b>DATE</b> JULY 2018	
	<b>API</b> 30-025-44087 30-025-44102	<b>LEASE</b> NMNM13647	<b>CA #</b>	<b>SCALE</b> NOT TO SCALE
	<b>OPERATOR</b> MARATHON OIL PERMIAN, LLC 5555 SAN FELIPE ST, HOUSTON, TX 77056			<b>DRAWN BY</b> AC
	<b>LOCATION</b> LEA COUNTY, NM      SWSW-05-T26S-R35E      LAT 32.06560374 185 FSL & 330 FWL      LONG -103.39695431			<b>APPROVED BY</b> JVC

### Valve Positioning in the Production Phase

Production into SN: 4-15397 F1 is open F2, F3, F4, F5 are sealed closed S1-S5 are sealed closed D1-D5 are sealed closed	Production into SN: 4-15246 F2 is open F1, F3, F4, F5 are sealed closed S1-S5 are sealed closed D1-D5 are sealed closed	Production into SN: 4-15402 F3 is open F1, F2, F4, F5 are sealed closed S1-S5 are sealed closed D1-D5 are sealed closed	Production into SN: 4-15244 F4 is open F1, F2, F3, F5 are sealed closed S1-S5 are sealed closed D1-D5 are sealed closed	Production into SN: 4-15247 F5 is open F1, F2, F3, F4 are sealed closed S1-S5 are sealed closed D1-D5 are sealed closed
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### Valve Positioning in the Sales Phase

Sales from SN: 4-15397 S1 is open S2, S3, S4, S5 are sealed closed F1 is sealed closed F2, F3, F4, F5 are open or closed D1-D5 are sealed closed	Sales from SN: 4-15246 S2 is open S1, S3, S4, S5 are sealed closed F2 is sealed closed F1, F3, F4, F5 are open or closed D1-D5 are sealed closed	Sales from SN: 4-15402 S3 is open S1, S2, S4, S5 are sealed closed F3 is sealed closed F1, F2, F4, F5 are open or closed D1-D5 are sealed closed	Sales from SN: 4-15244 S4 is open S1, S2, S3, S5 are sealed closed F4 is sealed closed F1, F2, F3, F5 are open or closed D1-D5 are sealed closed	Sales from SN: 4-15247 S5 is open S1, S2, S3, S4 are sealed closed F5 is sealed closed F1, F2, F3, F4 are open or closed D1-D5 are sealed closed
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### Valve Positioning in the Drain Phase

Draining from SN: 4-15397 D1 is open D2, D3, D4, D5 are sealed closed F1 is sealed closed F2, F3, F4, F5 are open or closed S1-S5 are sealed closed	Draining from SN: 4-15246 D2 is open D1, D3, D4, D5 are sealed closed F2 is sealed closed F1, F3, F4, F5 are open or closed S1-S5 are sealed closed	Draining from SN: 4-15402 D3 is open D1, D2, D4, D5 are sealed closed F3 is sealed closed F1, F2, F4, F5 are open or closed S1-S5 are sealed closed	Draining from SN: 4-15244 D4 is open D1, D2, D3, D5 are sealed closed F4 is sealed closed F1, F2, F3, F5 are open or closed S1-S5 are sealed closed	Draining from SN: 4-15247 D5 is open D1, D2, D3, D4 are sealed closed F5 is sealed closed F1, F2, F3, F4 are open or closed S1-S5 are sealed closed
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FIGURE TITLE

**CAVE LION 5 FEDERAL 1H & 5H**

API

**30-025-44087  
30-025-44102**

LEASE

**NMNM13647**

CA #

OPERATOR

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

LOCATION

**LEA COUNTY,**

**SWSW-06-T26S-R35E  
FSL & 330 FWL**

**LAT 32.06560374  
I -103.39695431**

DATE JULY 2018

SCALE NOT TO SCALE

DRAWN BY AC

APPROVED BY JVC