



UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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 reverse side.

1. Type of Well
☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator
MARATHON OIL COMPANY / Contact: GINNY LARKE
E-Mail: vllarke@marathonoil.com

3a. Address
P O BOX 552
MIDLAND, TX 79702
3b. Phone No. (include area code)
Ph: 800.351.1417 Ext: 8321
Fx: 915.687.8305

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Sec 21 T21S R24E SWSW 660FSL 660FWL
UT. M

7. If Unit or CA/Agreement, Name and/or No.
NMNM70964A

8. Well Name and No.
INDIAN HILLS 1

9. API Well No.
30-015-10066-00-S1

10. Field and Pool, or Exploratory
INDIAN BASIN

11. County or Parish, and State
EDDY COUNTY, NM

12. CHECK 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 checked="" 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"/> Fracture Treat	<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 type="checkbox"/> Other
	<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 shall 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 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Work began 10/18/02 to add pay and acidize this well. MIRU PU & reverse unit, ND wellhead & NU BOPs. POOH w/tbg, set & test RBP, & LD sub pump. RIH w/bit & scraper, tagged @ 7833', bailed to 7852' & POOH. Installed frac valve, RU perforators & RIH w/11 guns. Added perfs @ 4 jspf in 120 deg. phasing @ 7439'-7449', 7454'-7463', 7482'-7552', 7582-7610', 7612'-7622', 7626'-7706'. RD wireline, PU & RIH w/PPI packers. Acidize new perfs w/22,000 gals CCA sour acid, using 2' spacing. Max breakdown-3800 psi, avg breakdown-2788 psi, AIR 1.97 bpm @ 2305 psi. Fished valves & POOH w/PPI tools. RIH w/RBP, set & test. POOH, PU sub pump on 2-7/8" tbg & RIH. Land tbg hanger, ND BOPS, NU wellhead. Turned over to production department 10/30/02.

14. I hereby certify that the foregoing is true and correct. Electronic Submission #16265 verified by the BLM Well Information System For MARATHON OIL COMPANY, sent to the Carlsbad Committed to AFMSS for processing by Linda Askwig on 11/20/2002 (03LA0141SE)	
Name (Printed/Typed) GINNY LARKE	Title AUTHORIZED REPRESENTATIVE
Signature (Electronic Submission)	Date 11/20/2002

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By ACCEPTED	ALEXIS C SWOBODA Title PETROLEUM ENGINEER	Date 11/21/2002
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 Carlsbad	

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.

** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED **