

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

NMOOD

FORM APPROVED
OMB NO. 1004-0135
Expires: November 30, 2000**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.
NMNM07260

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other instructions on reverse side.7. If Unit or CA/Agreement, Name and/or No.
NMNM70964X

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other8. Well Name and No.
INDIAN HILLS UNIT 592. Name of Operator
MARATHON OIL COMPANYContact: CHARLES E KENDRIX
E-Mail: CEKENDRIX@MARATHONOIL.COM9. API Well No.
30-015-33759-00-X13a. Address
P O BOX 3487
HOUSTON, TX 772533b. Phone No. (include area code)
Ph: 713-296-2096
Fx: 713-499-675010. Field and Pool, or Exploratory
UPPER PENN

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

Sec 20 T21S R24E NENE Lot 1 1117FNL 641FEL
32.28072 N Lat, 104.30515 W Lon

RECEIVED

JAN 14 2005

OCCUPANCY

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 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 checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	Drilling Operations
	<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 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 shall 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 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.)

Marathon has drilled the Indian Hills Unit to it's final TD depth and set a 4 1/2" liner in the last section of the well. Please see details for drilling operations after setting of the 7" production casing through the Upper Penn producing formations.

01/01/2005 After testing 7" casing to 1500 psi. Drill w/ 6 1/8" bit f/ 8906' to float shoe @ 8968'. Drilled float collar and open hole to 9367'.

01/02/2005 to 01/03/2005 Drill f/ 9367' to 10,210'.

01/04/2005 Drill f/ 10210' to 10287'. Trip for new bit, drilled f/ 10287' to 10390'.

01/05/2005 Drill f/ 10390' to TD @ 10575'. Short tripped to 7" casing shoe. Trip back to bottom

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

Electronic Submission #52876 verified by the BLM Well Information System
For MARATHON OIL COMPANY, sent to the Carlsbad
Committed to AFMSS for processing by ARMANDO LOPEZ on 01/11/2005 (05AL0087SE)

Name (Printed/Typed) CHARLES E KENDRIX

Title ENGINEERING TECHNICIAN

Signature (Electronic Submission)

Date 01/11/2005

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By

ACCEPTED

ALEXIS C SWOBODA
Title PETROLEUM ENGINEER

Date 01/13/2005

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.

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

Additional data for EC transaction #52876 that would not fit on the form

32. Additional remarks, continued

and circulate. POOH lay down directional tools.

01/06/2005 Logged well. Logged lower 6 1/8" hole open hole. Logged upper portion of well w/ 7" casing. Begin running 4 1/2" liner.

01/07/2005 Continued in hole w/ 4 1/2" liner. Set liner hanger @ 8768'. Bottom of liner @ 9500'. Cement liner by pumping 10 bbls water, 24 bbls Superflush, 10 bbls water, 220 sks 50/50 POZ + retarder + gas migration + KCL. Yield 1.22 cuft/sx. Displace w/ 83 bbls (10 water and 73 mud) Bumped pressure dart w/ 2400 psi. Set liner packer and pull 30 jts out of hole. Circulate hole. Lay down
3 1/2 drill pipe and liner tools.

01/08/2005 Rigged down rig.