

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

N.M. Oil Cons. Div-Dist. 2

1301 W. Grant Avenue
Artesia, NM 88210FORM APPROVED
OMB NO. 1004-0135
Expires: November 30, 2000

015F

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 <input type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other SALT WATER DISPOSAL WELL		5. Lease Serial No. LC 064391 B
2. Name of Operator Marathon Oil Company		6. If Indian, Allottee or Tribe Name
3a. Address P.O. Box 552 Midland, TX 79702	3b. Phone No. (include area code) 800-351-1417	7. If Unit or CA/Agreement, Name and/or No. NM 70964B
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) SHL: UL "L", 1494' FSL & 688' FWL BHL: UL "F", 1493' FNL & 1523' FWL SECTION 20, T-21-S, R-24-E		8. Well Name and No. INDIAN HILLS UNIT #30
		9. API Well No. 30-015-31655
		10. Field and Pool, or Exploratory Area DEVONIAN
		11. County or Parish, 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 checked="" 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 checked="" 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 recompletable 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 recompletable 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 final site is ready for final inspection.)

8/16/02 MIRU PU, kill well w/50 bbls KCL water, ND wellhead & PU tbh hanger. Released on/off tool & released PLS packer @ 9760'. RIH & reset packer @ 9925' w/18000# compression. Landed tbh hanger, NU wellhead & RU flowline to swab tank. RU swab & made 8 runs in 3 hrs. Recovered 55 BW, RD swab & PU & shut well in. 8-21-02 MIRU PU, ND wellhead & NU BOP. ND tbh hanger, released on/off tool & released packer @ 9925'. PU & reset packer @ 9740', established pump-in rates & pressures using 75 bbls water, 3 bpm @ 700 psi & 4 bpm @ 900 psi. POOH w/tbh, PLS packer, & on/off tool & RIH w/fishing tools to fish perf guns left in hole. POOH w/fish & RIH w/2-7/8" tbh open ended to 10,002'. Spotted cmt plug across Morrow interval (9866'-9982') w/60 sx Premium cmt, displaced w/59 bbls KCL water. PU tbh to 9662', & reversed 20 sx cmt to pit. RIH & tag TOC @ 9829'. Drilled out cmt from 9829' to 9990'. Pressure tested squeezed interval to 1000 psi. Held OK. RIH & drilled out cmt & CIBP @ 10642' & pushed plug to bottom @ 11385'. Cleaned out hole to TD @ 11443'. POOH, LD DCs & RIH w/2-7/8" tbh & 7" RITS packer, tagged TD & set bottom of tbh @ 11425'. Spotted 1100 gals 17% OCP sour acid & tailed w/40 bbls FW. PU & set packer @ 10298, bottom of tbh @ 11118'. Pumped 5900 gals CCA Sour acid & flushed w/70 bbls FW. POOH w/RITS packer & RIH w/Injection packer (permanent plastic lined) on 2-7/8" tbh. Loaded tbh w/50 bbls water & pressured up to 1500 psi. PU on tbh to 23,000#, sheared sleeve & set packer @ 10,630'. POOH & RIH w/9-5/8" RBP. Set @ 1130, test to 500 psi. Shut well in & RDPU 8/30/02. CONTINUED ON ATTACHED SHEET.

14. I hereby certify that the foregoing is true and correct
Name (Printed/Typed)

Ginny Larke

Ginny Larke

Title

Engineer Technician

Date 10/01/02

ACCEPTED FOR RECORD

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date

OCT 7 2002

Office

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.

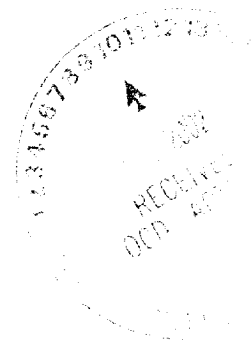
ALEXIS C. SWOBODA

DEPARTMENT OF THE INTERIOR

Title 18 U.S.C. Section 1001, and Title 43 U.S.C. Section 1212, makes it a crime for any person knowingly and willfully to make to any Federal or State official any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Indian Hills
Unit #30
9/21/2002

William H. Bennett



INDIAN HILLS UNIT #30
API NO. 30-015-31655

ATTACHMENT TO FORM 3160-5 DATED 10/1/02

9/20/02 – MIRU Drilling rig. Set reverse Pit & Pump, load rig water tank & reverse pit with fresh water. Install Weatherford BOP & test to 1000 psi. Release RBP, load casing w/30 bbls water & pressure test permanent packer w/pump out plug to 300 psi. Held pressure. POOH laying down 33 jts 2-7/8" tbg. Set RBP 60' from surface. Test BOP to 500 psi. Held pressure. Remove Weatherford BOP & install rig BOP. Test BOP to 500 psi. Held pressure. Hooked up flowline to pit. Retrieved RBP & POOH. RU casing crew & RIH w/Baker seal assembly, 68 jts 4-1/2" internally plastic coated SWD tbg (2759.5'), x-over & 181 jts 7" IPC SWD tbg (7872.3'). Tag permanent packer & sting in seal assembly. Released seal assembly & installed spacer sub, hooked up flowline to circulate well. Circulated 300 bbls packer fluid down annulus with full returns. Install tubing hanger & sting seal assembly into packer. Set tbg in 18,000# compression & landed tbg in tbg hanger. RU for casing integrity pressure test. Tested casing to 300 psi several times but air was working out of annulus. Removed BOP & found broken tbg hanger 'O' rings. Replaced 'O' rings and ran casing integrity test again. Annulus held @ 450 psi for 30 minutes. The original chart is attached. RU pump to SWD tbg, pressured tbg to 1200 psi & sheared pump out plug. Established rate and pumped 40 bbls water down tbg @ 0 psi. RD reverse unit & pump, release rig and secured well. Shut well in on 9/22/02 pending installation of pipeline connection to Indian Basin Field produced water disposal system. BLM & OCD will be notified before water disposal into this well begins.