

Submit 3 Copies  
to Appropriate  
District Office

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-103  
Revised 1-1-89

DISTRICT I  
P.O. Box 1980, Hobbs NM 88240

DISTRICT II  
811 S. 1st Street, Artesia, NM 88210-2834

DISTRICT III  
1000 Rio Brazos Rd., Aztec, NM 87410

OIL CONSERVATION DIVISION

P.O. Box 2088  
Santa Fe, New Mexico 87504-2088

WELL API NO.  
30-025-24943

5. Indicate Type of Lease  
STATE ☐ FEE ☒

6. State Oil & Gas Lease No.

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A  
DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT"  
(FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well:  
OIL WELL ☐ GAS WELL ☒ OTHER

2. Name of Operator  
Marathon Oil Company

8. Well No.  
13

3. Address of Operator  
P.O. Box 2409, Hobbs, NM 88240

9. Pool name or Wildcat  
Drinkard

4. Well Location  
Unit Letter C : 330 Feet From The North Line and 2080 Feet From The West Line  
Section 11 Township 22-S Range 37-E NMPM Lea County

10. Elevation (Show whether DF, RKB, RT, GR, etc.)  
3374' KB 3362' GL

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐  
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐  
PULL OR ALTER CASING ☐  
OTHER: See below ☒

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐  
COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDONMENT ☐  
CASING TEST AND CEMENT JOB ☐  
OTHER: ☐

12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

Marathon Oil Company proposes to shut-in the Granite Wash, add pay in the Abo and Drinkard formations, dual complete as per the attached procedure.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Kelly Cook TITLE \_\_\_\_\_ DATE 1/7/97

TYPE OR PRINT NAME Kelly Cook

TELEPHONE NO 393-7106

(This space for State Use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE JAN 09 1997

CONDITIONS OF APPROVAL, IF ANY:

Marathon Oil Company

Lou Worthan Well No. 13

SI Granite Wash, Add Abo and Drinkard Perforations, and Dual Complete

C-103 Intent Attachment

January 7, 1997

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1. MIRU pulling unit. ND wellhead. NU BOPE. Unlatch from pkr at 7068'. POOH with 2 3/8" tubing. Pressure test BOPE.
2. RIH and tag pkr at 7068' with 3 7/8" pkr retrieving assembly. RU foam air unit/reverse unit. Mill out pkr. POOH.
3. RIH w 3 7/8" bit and 4 1/2" csg scraper to  $\pm 7100'$ . POOH. RIH w/RBP and pkr on 2 3/8" workstring, set RBP at  $\pm 7100'$ , pkr at 7090'. Pressure test RBP. Rel pkr and POOH. RIH w/RBP with ball catcher set at 7090'. RU acid company, pickle tbg w/700 gals of 15% HCL. RD acid company. POOH w/2 3/8" tbg.
4. RU Electric Line company, frac valve and lubricator. RIH with 3 1/8" port guns and selectively perforate Abo formation w/ 2JSPF, 120 deg phasing at 6756-62', 6766-72', 6776-84', 6790-92', 6798-6808', 6812-17', 6836-45', 6848-52', 6870-74', 6892-96', 6906-14', 6918-20', 6926-32', 6976-82', 6986-94', 7014-20', 7024-30', 7036-42', 7048-52', 7066-70', (268 holes) RD Elec Line co, frac valve and lub.
5. Set 4 1/2" treating pkr at  $\pm 6950'$ . RU acid company. Acidize Abo perforation 6976-7070' with 5000 gals of 15% Ferchek acid and 100 1.3 SG ball sealers. Flush to bottom perms with 2% KCL water.
6. Rel treating pkr at  $\pm 6950'$ . Rel RBP at 7090', POOH and set  $\pm 6950'$ . Reset pkr at  $\pm 6940'$ . Pressure test. POOH and reset pkr at  $\pm 6700'$ . Acidize Abo perforation 6756-6932' with 9000 gals 15% Ferchek acid and 200 1.3 SG ball sealers. Flush to bottom perms with 2% KCL water. RD acid company.
7. Rel treating pkr at  $\pm 6700'$ . RIH and latch onto RBP at  $\pm 6950'$ , set at  $\pm 7090'$ . Reset pkr at  $\pm 6700'$ . RU swab equipment. Swab back acid load. RD swab equipment. Rel pkr, RIH and latch onto RBP at  $\pm 7090'$ . Release and POOH with pkr and RBP. RIH w/ 4 1/2" RBP with ball catcher and 4 1/2" pkr. Set RBP at  $\pm 6750'$ , set pkr at  $\pm 6740'$ . Pressure test RBP, rel pkr and POOH.
8. RU Electric Line Company, frac valve and lubricator. RIH w/ 3 1/8" port guns and selectively perforate Abo formation with 2JSPF 120 deg phasing at 6564-68', 6570-76', 6778-80', 6626-40', 6648-62', 6678-84', 6690-96', 6698-6706', 6712-21', 6728-38', (178 holes and Drinkard formation with 2JSPF 120 deg phasing at 6364-70', 6380-86', 8400-12', 6414-24', 6428-32', 6443-51', 6466-71' (116 holes). RD Electric Line company, frac valve and lubricator.
9. RIH w/RBP and treating pkr on 2 3/8" workstring, set pkr at  $\pm 6500'$ . RU acid company. Acidize Abo perforations 6564-6738' with 9000 gals of 15% Ferchek acid and 200 1.3 SG ball sealers. Flush to bottom perforation with 2% KCL water.

Marathon Oil Company  
Lou Worthan Well No. 13  
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10. Rel pkr at  $\pm 6500'$ . RIH and rel RBP at  $\pm 6750'$ , POOH reset at  $\pm 6500'$ . Reset pkr at  $\pm 6490'$ . Pressure test, rel pkr, POOH and reset at  $\pm 6200'$ .
11. Acidize Drinkard perforation 6244-8471' with 6500 gals of 15% Ferchek acid and 150 1.3 SG ball sealers. Flush to bottom perforation with 2% KCL water. RD acid company.
12. Rel pkr and RIH to  $\pm 6500'$  rel RBP, reset RBP at  $\pm 6750'$ . Set pkr at  $\pm 6200'$ .
13. RU swab equipment. Swab back acid load. RD swab equipment.
14. Rel pkr, RIH and rel RBP at  $\pm 6750'$ . POOH with treating pkr and RBP. RIH w/ 5 1/2" production pkr, on/off tool with a 1.81" F nipple w/plug in place a Baker Model  $\square$  sliding sleeve (open) with 1.87" profile and 2 3/8" prod tbg. Space out tbg. Set pkr at  $\pm 6520'$  and sliding sleeve at  $\pm 6470'$ .
15. ND BOPE. NU wellhead and test.
16. RU swab equipment. Swab in Drinkard perforations. RD swab equipment. RU slickline company and lubricator. Pressure test lub. RIH w/shifting tool. Close sliding sleeve. Pressure test tbg and sliding sleeve. Ret blanking plug from 1.81" F profile nipple at  $\pm 6520'$ . RD slickline company and lub.
17. RU swab equipment. Swab in Abo perforations. RD swab equipment.
18. RDMO pulling unit. Kick well off to production facilities. Monitor production and flowing pressures.