

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.	30-025-33426
5. Indicate Type of Lease	STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
6. State Oil & Gas Lease No.	
7. Lease Name or Unit Agreement Name LOU WORTHAN	
8. Well No.	21
9. Pool name or Wildcat	WANTZ ABO / BLINEBRY OIL & GAS
10. Elevation (Show whether DF, RKB, RT, GR, etc.) GL: 3349' KB: 3362'	

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 <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER	2. Name of Operator Marathon Oil Company
3. Address of Operator P.O. Box 2409, Hobbs, NM 88240	4. Well Location Unit Letter B : 660 Feet From The NORTH Line and 1350 Feet From The EAST Line Section 11 Township 22-S Range 37-E NMPM LEA County
10. Elevation (Show whether DF, RKB, RT, GR, etc.) GL: 3349' KB: 3362'	

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: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDONMENT ☐
CASING TEST AND CEMENT JOB ☐
OTHER: Complete Wantz Abo/Blinebry O&G Zones ☒

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 has completed the above referenced zones in the Lou Worthan Well No. 21. Please see attached for summary of work performed.

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

SIGNATURE Scott Hodges TITLE Field Tech DATE Oct. 3, 1996

TYPE OR PRINT NAME Scott Hodges TELEPHONE NO. 393-7106

(This space for State Use) Orig. signed by: Paul Gantz DATE OCT 09 1996

APPROVED BY Paul Gantz TITLE Geologist

CONDITIONS OF APPROVAL, IF ANY:

Marathon Oil Company
Lou Worthan No. 21
C-103 Attachment
October 3, 1996

1. MIRU pulling unit. RIH w/bit and tbg, drill plug to 7600' (FBTD). POOH w/bit and tbg. RU wireline. Ran CBL-GR and logged from 7607 to 5000'. Perforate Wantz Granite Wash with 4" csg guns, 2 JSPF, 120° phasing from 7060-7234' (174 shots). Ran production tbg and pkr, set pkr at 6973'. NU wellhead and swab well. Acidized Granite Wash perfs from 7060-7234' with 4500 gals 15% acid and 200 ball sealers. RU and swab; swabbed well dry. (Granite Wash formation uneconomical.) Released pkr and POOH. RU wireline and set 7" CIBP at 7040'. Tested csg to 3000 psi, OK.
2. NU wireline. Perforate Abo formation with 4" guns, 2 JSPF, 120° phasing from 6892-6791' and 6786-6960' (256 holes). RIH with RBP and RTTS; set RBP at 7035' and RTTS at 6944'. Acidized Abo perfs from 6960-7018' with 5000 gal 15% acid and 90 ball sealers. Rel pkr at 6944' and retrieve RBP at 7035'. Pull up hole. Set RBP at 6944' and RTTS at 6661'. Acidized Abo perfs from 6748-6892' with 14,000 gals 15% acid and 220 ball sealers. Rel pkr at 6661' and retrieve RBP at 6944'. RIH w/plug, set RBP at 7035', set pkr at 6661'. Swab well, well flowed.
3. Kill well and rel pkr at 6661' and retrieve RBP at 7035'. Pull and set RBP at 6730'. Set pkr and test RBP to 1000 psi, OK.
4. POOH with pkr and tbg.
5. RU wireline. Perforate Abo formation with 4" guns, 2 JSPF, from 6547-6718 (194 holes). RD wireline. RIH w/7" RTTS pkr and bridge plug, isolated Abo from 6650-6718'. Acidized Abo perfs from 6650-6718' with 10,000 gals 15% acid and 140 ball sealers. Rel pkr at 6630' and retrieve RBP at 6720'; reset RBP at 6640'. Set pkr at 6480'. Acidized Abo perfs 6547-6602' with 6000 gals 15% acid and 100 ball sealers. Rel pkr and ret RBP and POOH.
6. RIH w/RTTS pkr to 6474'. RU and swab well; well kicked off flowing.
7. Kill well and POOH with pkr.
8. TIH w/RTTS and 7" RBP and set RBP at 6510'. Set RTTS at 6508' and tested RBP to 1000 psi, OK. POOH w/pkr.
9. RU wireline and perforate Blinebry from 5634-5754' with 2 JSPF, 120° phasing (122 holes).
10. TIH w/7" pkr and RBP; RBP set at 5800' with pkr at 5566'. Acidized Blinebry perfs w/3500 gals 15% acid and 150 ball sealers. Rel pkr and TIH, latched onto RBP and moved to 5620'. TOOH w/pkr. Perforate Blinebry formation w/2 JSPF, 120° phasing from 5354-5598'. TIH w/pkr to 5284'. Acidized Blinebry perfs w/7000 gals 15% acid and 300 ball sealers. Released pkr and retrieve RBP. POOH.

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11. Ran pkr to 5299' and set. Frac Blinebry perms w/65,000 gals pad, 104,000# 16/30 sand and flush with 1800 gals base gel. Swab and flow back well.
12. ND BOPE and NU wellhead. (Flow gas to sales line.)

Currently flowing the Blinebry Oil and Gas zone with future plans to produce the Abo formation as a dual completion.

Reg/C-103/Worth21B/kc