

OIL CONSERVATION DIVISION
P.O. Box 2088
Santa Fe, NM 87504-2088

District I
PO Box 1980, Hobbs, NM 88241-1980
District II
811 S. 1st Street, Artesia, NM 88210-2834
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
PO Box 2088, Santa Fe, NM 87504-2088

☐ AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

¹ Operator name and Address Marathon Oil Company P.O. Box 2409 Hobbs, NM 88240		² OGRID Number 014021
		³ API Number 30-0 25-25131
⁴ Property Code 6424	⁵ Property Name Walter Lynch	⁶ Well Number 6

⁷ Surface Location									
UL or lot no.	Section	Township	Range	Lot. Idn	Feet from the	North/South Line	Feet from the	East/West line	County
F	1	22-S	37-E		2310	North	1980	West	Lea

⁸ Proposed Bottom Hole Location If Different From Surface									
UL or lot no.	Section	Township	Range	Lot. Idn	Feet from the	North/South Line	Feet from the	East/West line	County
⁹ Proposed Pool 1 Blinebry Oil & Gas					¹⁰ Proposed Pool 2				

¹¹ Work Type Code A	¹² Well Type Code 86	¹³ Cable/Rotary NA	¹⁴ Lease Type Code P	¹⁵ Ground Level Elevation 3353'
¹⁶ Multiple No	¹⁷ Proposed Depth 7491'	¹⁸ Formations Blinebry Granite Wash	¹⁹ Contractor NA	²⁰ Spud Date 1/31/96

²¹ Proposed Casing and Cement Program					
Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
See Original	C-105				

²² Describe the proposed program. If this application is to DEEPEN or PLUG BACK give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary

Marathon Oil Company is proposing to recompleate to the Blinebry formation in this well. Attached is a procedure detailing the proposed work.

Permit Expires 6 Months From Approval
Date Unless Drilling Underway.

²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief. Signature: <i>Rick Gaddis</i>		OIL CONSERVATION DIVISION	
Printed name: Rick Gaddis		Approved by: ORIGINAL SIGNED BY JERRY SEXTON DISTRICT I SUPERVISOR	
Title: Advanced Production Engineer		Approval Date: JAN 19 1996 Expiration Date:	
Date: 1/08/95	Phone: (505) 393-7106 ext	Conditions of Approval: Attached <input type="checkbox"/>	

Form C-101
Section 22
Walter Lynch Well No. 6

1. MIRU PU. POOH with rods and pump. ND wellhead and NU hydraulic BOPE. Release Lok-set packer and POOH with tubing.
2. Utilize packer and RBP to test BOPE to 1500 psi.
3. PU and RIH with 7" RBP and packer. Set RBP at $\pm 6250'$. Pull up packer to $\pm 6220'$ and set. Test 7" casing and RBP to 1000 psi. Unset packer and retrieve RBP, POOH with tools.
4. RU wireline company and lubricator. Perforate Blinebry Formation 2 JSPF at 5862-66', 5846-58', 5766-74', 5748-62', 5724-30', 5694-98', 5682'-90', 5666-70', 5648-60', 5638-42', 5584-5610' and 5567-72' for a total of 258 holes. RD wireline company.
5. PU and RIH with 7" treating packer, seating nipple to $\pm 5500'$. Test tubing to 5500 psi. Set packer at $\pm 5500'$.
6. Acidize Blinebry perforations 5567-5862' with 6,500 gals of 15% NEFE acid using ball sealers for divert.
7. Release packer and RIH to 5875' and PUH to 5500' and set. RU swab and recover acid load. Release packer and POOH with tubing and packer.
8. RU wireline company and lubricator. Perforate Blinebry Formation with 2 JSPF at 5524-32', 5510-14', 5484-5508', 5474-78' and 5400-20' for a total of 130 holes. RD wireline company.
9. PU and RIH with 7" RBP and treating packer. Set RBP at $\pm 5550'$ and packer at 5520'. Test casing and RBP to 1000 psi. Release packer and PUH to $\pm 5500'$ and set.
10. Acidize Blinebry perforations 5400-5532' with 3300 gals of 15% NEFE acid using ball sealers for divert.
11. Release packer and RIH to $\pm 5535'$, PUH to 5500' and set. RU swab and recover acid load. RD swab and release packer and retrieve RBP. POOH with tubing and tools.
12. RU hydrotesters. PU 3 1/2" workstring with seating nipple and 7" treating packer and RIH to $\pm 5350'$ and set.
13. RU stimulation company. Install frac valve and treating lines. Sand fracture Blinebry perforations 5400-5866' with CO₂. Size of fracture treatment will be determined after acidizing.

Form C-101
Section 22
Walter Lynch Well No. 6
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14. Flow well back to recover load. If well dies, RU slickline company and tag for sand fill.
15. If sand fill covers perfs, RU to remove with bulldog bailer.
16. Release packer and POOH laying down 3 1/2" workstring and packer.
17. RIH with mud joint, seating nipple, TAC on 2 3/8" production string. Land seating nipple at $\pm 5820'$ with TAC at $\pm 5350'$.
18. ND BOPE and NU wellhead.
19. RIH with insert pump on 3/4" and 7/8" rod string. Beam well, load and test.
20. RDMO PU. Start well pumping to battery on test.

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Energy, Minerals & Natural Resources Department

WELL CONSERVATION DIVISION
P.O. Box 2088
Santa Fe, NM 87504-2088

Revised February 10, 1994
Instructions on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025-25131	² Pool Code 72480	³ Pool Name Blinebry Oil & Gas
⁴ Property Code 6424	⁵ Property Name Walter Lynch	⁶ Well Number 6
⁷ OGRID No. 014021	⁸ Operator Name Marathon Oil Company	⁹ Elevation GL: 3353'

¹⁰ Surface Location

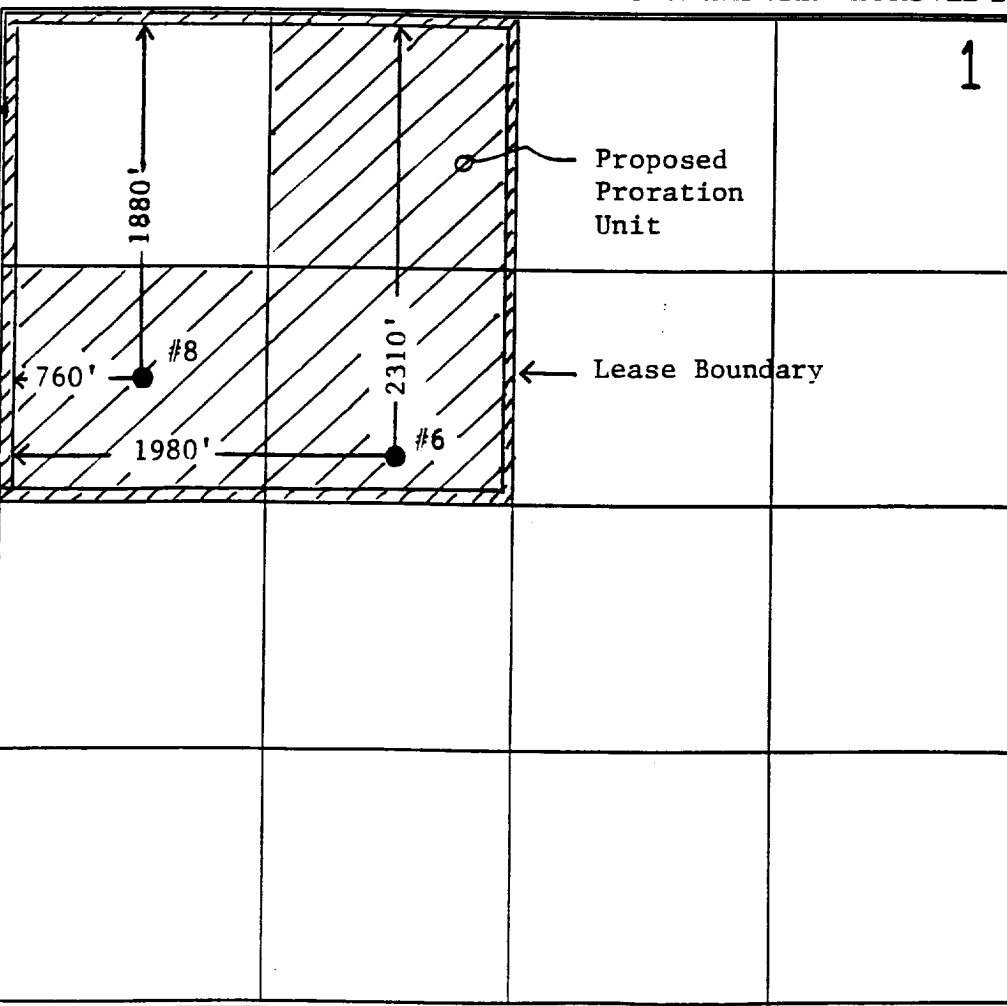

UL or lot no. F	Section 1	Township 22-S	Range 37-E	Lot. Idn	Feet from the 2310	North/South Line North	Feet from the 1980	East/West line West	County Lea
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¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot. Idn	Feet from the	North/South Line	Feet from the	East/West line	County
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¹² Dedicated Acres 160	¹³ Joint or Infill Y	¹⁴ Consolidation Code NA	¹⁵ Order No. NA
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NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

	<p>1</p> <p>17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</p> <p></p> <p>Signature Rick Gaddis Printed Name Advanced Production Engineer Title 1/08/96 Date</p> <p>18 SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</p> <p>See Original Plat.</p> <p>Date of Survey</p> <p>Signature and Seal of Professional Surveyor:</p> <p>Certificate Number</p>
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