

District I  
PO Box 1980, Hobbs, NM 88241-1980  
District II  
PO Drawer DD, Artesia, NM 88211-0719  
District III  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV  
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico  
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION  
PO Box 2088  
Santa Fe, NM 97504-2088

Form C-101  
Revised February 10, 1994  
Instructions on back  
Submit to Appropriate District Office  
State Lease - 6 Copies  
Fee Lease - 5 Copies

AMENDED REPORT

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

1. Operator Name and Address Mallon Oil Company P.O. Box 3256 Carlsbad, NM 88220		2. OGRID Number 013925
3. API Number 30-015-29711		6. Well No. 3
4. Property Code 20475	5. Property Name Mallon 16 State	

7. Surface Location									
UL or lot no. E	Section 16	Township 24S	Range 26E	Lot Idn. N/A	Feet From the 2080	North/South Line North	Feet From the 660	East/West Line West	County Eddy

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 WC Black River, Delaware, West					10. Proposed Pool 2 August 25, 1997				

11. Work Type Code N	12. Well Type Code O	13. Cable/Rotary R	14. Lease Type Code S	15. Ground Level Elevation 3441'
16. Multiple N/A	17. Proposed Depth 5,500'	18. Formation Delaware	19. Contractor Unknown	20. Spud Date August 30, 1997

21. Proposed Casing and Cement Program					
Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
12-1/4"	9-5/8"	36#	500'	150 sks	Surface
7-7/8"	5-1/2"	15.5#-17#	5,500'	925 sks	300'

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.

1. Drill 12-1/4" hole to 500', run and set 500' of 9-5/8" x '36# K55 LTC casing. Cement with 150 sks Class C + 2.00% CaCl<sub>2</sub>, yeild 1,34 ppg 14.80. Circulate cement to surface. WOC-18 hours.
2. Drill 7-7/8" hole from 500'-5500'. Run and set 5500' of 5-1/2" x '15.5\$/17# K55 LTC casing. Lead cement: 225 sks 35:65 POZ (35% POZ, 65% Class C) + 6% gel + 5% salt + .25lb/sk Celloseal yeild 2.04 ppg 12.5. Tail cement: 700 sks Super C Modified, 61 lb/sk C cement, 15 lb/sk POZ A. 11 lb/sk BA 90 bonding, .61 lb/sk FL-52, .44 lb/sk FL-25, yeild 1.44, ppg 13.6.

23. I hereby certify that the information given above is true and complete to the best of my knowledge and belief. Signature: <i>Duane C Winkler</i> Printed Name: Duane C. Winkler Title: Operations Manager Date: July 1, 1997 Phone: (505) 885-4596		OIL CONSERVATION DIVISION Approved by: <i>John W. Burns</i> BGA Title: District Supervisor Approval Date: 7-8-97 / Exp. 7-8-98 Conditions of Approval: Attached: _____	
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