

State of New Mexico
Energy, Minerals & Natural Resources Department

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

OIL CONSERVATION DIVISION

PO Box 2088

Santa Fe, NM 97504-2088

District I

PO Box 1980, Hobbs, NM 88241-1980

District II

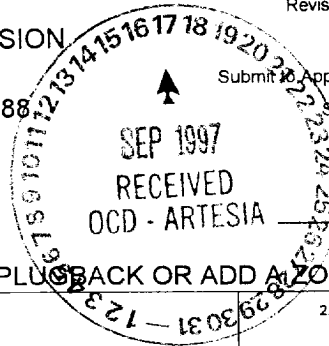
PO Drawer DD, Artesia, NM 88211-0719

District III

1000 Rio Brazos Rd., Aztec, NM 87410

District IV

PO Box 2088, Santa Fe, NM 87504-2088



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

1. Operator Name and Address Mallon Oil Company P.O. Box 3256 Carlsbad, NM 88220		2. OGRID Number 013925
4. Property Code 20475	5. Property Name Mallon 16 State	3. API Number 30 215-29845
		6. Well No. 7

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
B	16	24S	26E	N/A	660	North	1980	East	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 Black River, Delaware, West					10. Proposed Pool 2 96684				

11. Work Type Code N	12. Well Type Code O	13. Cable/Rotary R	14. Lease Type Code S	15. Ground Level Elevation 3393'
16. Multiple N/A	17. Proposed Depth 5,500'	18. Formation Delaware	19. Contractor Unknown	20. Spud Date September 29, 1997

21. Proposed Casing and Cement Program					
Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
12-1/4"	8-5/8"	32#	500'	200 sks	Circ to 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 8-5/8" x 32# K55 LTC casing. Cement with 200 sks Class C + 2.00% CaCl₂, yield 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 yield 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, yield 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.		OIL CONSERVATION DIVISION ORIGINAL SIGNED BY TIM W. GUM DISTRICT II SUPERVISOR	
Signature: <i>Duane C. Winkler</i>		Approved by: _____	
Printed Name: Duane C. Winkler		Title: _____	
Title: Operations Manager		Approval Date: SEP 22 1997	
Date: 9/16/97		Conditions of Approval: _____	
Phone: (505) 885-4596		Attached: _____	