

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 87504-2088

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. MARALO, INC. P. O. BOX 832 MIDLAND, TX 79702		² OGRID Number 014007
³ Property Code 19594		⁴ Property Name MILLMAN "3" STATE
⁵ API Number 30 - 015-28528		⁶ Well No. 1

⁷ Surface Location									
UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County
F	3	19S	28E		1980	NORTH	2280	WEST	EDDY

⁸ Proposed Bottom Hole Location If Different From Surface									
UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County
⁹ Proposed Pool 1 PALMILLO (BONE SPRING)					¹⁰ Proposed Pool 2 4955X				

¹¹ Work Type Code P	¹² Well Type Code O	¹³ Cable/Rotary R	¹⁴ Lease Type Code S	¹⁵ Ground Level Elevation 3522'
¹⁶ Multiple N	¹⁷ Proposed Depth PB 8600'	¹⁸ Formation BONE SPRING	¹⁹ Contractor UNK	²⁰ Spud Date IMMEDIATE

²¹ Proposed Casing and Cement Program					
Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
17-1/2"	13-3/8"	54.5#	402'	500 SXS	CIRC TO SURF
12-1/4"	8-5/8"	32#	2700'	1025 SXS	150'
7-7/8"	5-1/2"	17#	11148'	1150 SXS	6000'

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.

SEE ATTACHED SHEET:

²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief. Signature: <i>Dorothea Logan</i>		OIL CONSERVATION DIVISION	
Printed name: DOROTHEA LOGAN		Approved by: ORIGINAL SIGNED BY TIM W. GUM	
Title: REGULATORY ANALYST		Title: DISTRICT II SUPERVISOR	
Date: 09/17/96		Approval Date: SEP 26 1996	Expiration Date:
Phone: (915) 684-7441		Conditions of Approval: Attached <input type="checkbox"/>	

RECOMPLETION PROGNOSIS

MARALO, INC.

Millman "3" St. #1
1980' FNL & 2280' FWL, Sec 3, T-19-S, R-28-E
Turkey Track Field, Eddy County, New Mexico

ELEVATIONS: 3522' GL 3537' KB (15' AGL) 11,148' TD 10,845' PBSD

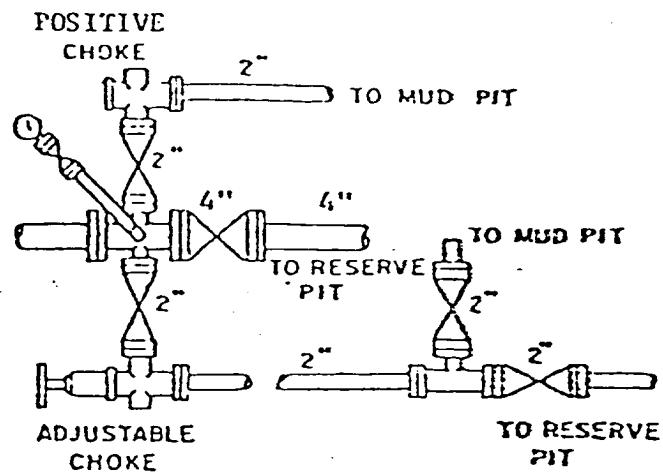
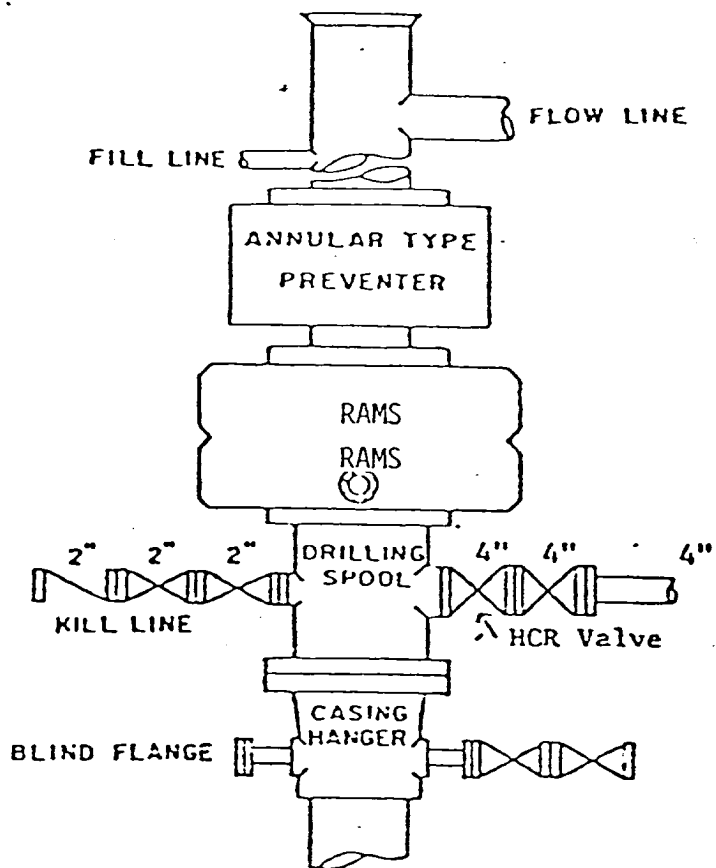
CURRENT

PERFORATIONS: 10,953 - 10,968', plugged off w/CIBP & 35' cmt @ 10,880'
 8,625 - 8,944"

CURRENT

OPERATIONS: Recomplete in Bone Spring Carbonate

1. RUPU. Release pkr set @ 8531' and TOH w/tbg & pkr.
2. TIH w/ CIBP and set @ +/- 8600'. Cap w/ 35' cmt.
3. TIH w/ tbg, open-ended, and spot 500 gals 15% NEFE, triple inhibited from 8014'. TOH w/ tbg.
4. RU perforators using 4" carrier guns, premium charges and shoot 2 SPF @ 7654-7661, 7719-7722, 7726-7733, 8007-8014' (total 56 holes). Depths picked from OH GR/CNL/LDT and GR/CBL/CCL (cased hole log is on depth with open hole log). RD perforators.
5. Pressure up on csg to breakdown perfs.
6. TIH w/ RBP, pkr & tbg to +/- 8050'. Set RBP. PU to \pm 7950' and set pkr.
7. Acidize perfs 8007-8014' w/ 750 gals 15% NEFE down tbg at \pm 3 BPM.
8. Swab back load and evaluate.
9. Release pkr. Drop down and catch RBP. PU to +/- 7750' and set RBP. PU to +/- 7690' and set pkr.
10. Acidize perfs 7719-7733' w/1000 gals 15% NEFE down tbg at a rate of +/- 3 BPM.
11. Swab back load and evaluate.
12. Release pkr, drop down and catch RBP. PU to +/- 7690' and set RBP. PU to +/- 7600' and set pkr.
13. Acidize perfs 7654-7661' w/ 750 gals 15% NEFE down tbg at +/- 3 BPM.
14. Swab and evaluate.
15. Release pkr. Drop down and catch RBP. TOH w/ tbg, pkr, and RBP.
16. Run pumping equipment and place well on production from perfs 7654-8014'.



BOP STACK

3000 PSI WORKING PRESSURE

BOP ARRANGEMENT