

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 API Number 30 - 025-27631
⁴ Property Code 006354	⁵ Property Name SAMANTHA "7" STATE	⁶ Well No. 1

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
P	7	14 25S	33E		660	SOUTH	660	EAST	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					¹⁰ Proposed Pool 2				

¹¹ Work Type Code P	¹² Well Type Code 0	¹³ Cable/Rotary R	¹⁴ Lease Type Code S	¹⁵ Ground Level Elevation 4258'
¹⁶ Multiple NO	¹⁷ Proposed Depth 9950 PB	¹⁸ Formation BOUGH	¹⁹ Contractor UNK	²⁰ Spud Date -

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"	48#	431'	400 SXS	SURF
12-1/2"	8-5/8"	28#	4100'	2700 SXS	SURF
7-7/8"	5-1/2"	17#	10148'	1828 SXS/ 2 STAGES	SURF
			DV @ 8988'		

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: <i>[Signature]</i>	
Title: REGULATORY ANALYST		Title: <i>[Signature]</i>	
Date: 10-17-94	Phone: (915) 684-7441	Approval OCT 19 1994	Expiration Date:
		Conditions of Approval: Attached <input type="checkbox"/>	

MARALO, INC.
WORKOVER PROGNOSIS
SAMANTHA STATE "7", WELL #1
OCTOBER 17, 1994

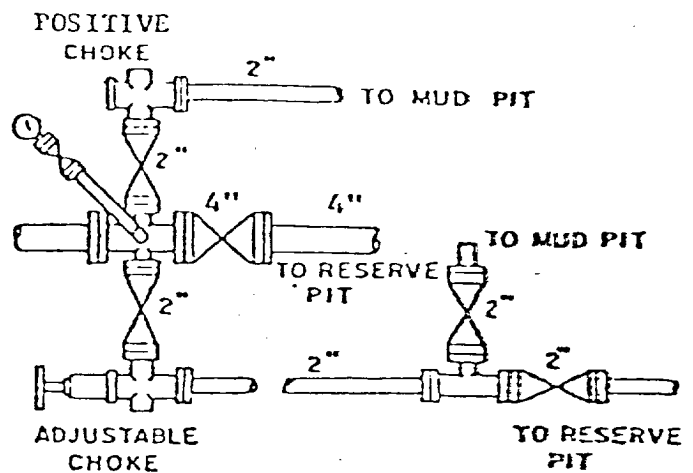
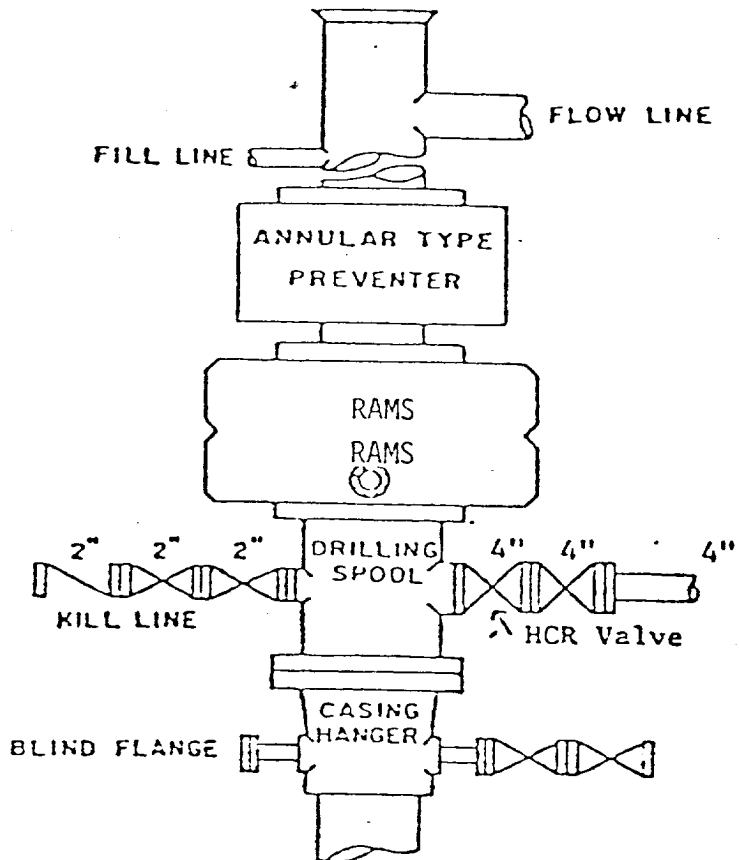
CURRENT

PERFORATION: 9903-9920', 9946-9950'

PROPOSED

OPERATION: Test uphole Bough pay.

1. RUPU. TOH w/ rods, pump, and tbg.
2. RU wireline. Run GR/CCL tie-in strip across proposed perforated interval. Correlate to Welex GR/CNL/CDL OH log run 1/17/82.
3. PU & TIH (on wireline) 5-1/2" CIBP. Set @ +/- 9890'.
4. TIH w/ tbg, open-ended, to 9845'. Spot 200 gals 15% NEFE, double-inhibited. TOH w/ tbg.
5. TIH w/ 4" carrier guns, premium charges, and shoot 2 SPF @ 9819, 9820, 9821, 9822, 9824, 9825, 9826, 9827, 9842, 9843, 9844, 9845 (total 24 holes). RD wireline.
6. TIH w/ 5-1/2" treating pkr & tbg to +/- 9750'. Reverse spot acid into tbg. Set pkr.
7. Breakdown perfs by pumping away spot acid.
8. Continue treatment by pumping 2000 gals 15% NEFE carrying +/- 48 ball sealers down tbg at a rate of +/- 3 BPM. If ballout occurs, surge off balls and finish treatment.
9. Swab and evaluate.
10. TOH w/ tbg and pkr. Run production equipment and place well on production.



BOP STACK

3000 PSI WORKING PRESSURE

BOP ARRANGEMENT