

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

Operator Name and Address: MARALO, INC. P. O. BOX 832 MIDLAND, TX 79702		OGRID Number: 014007
		API Number: 30 - 025-29347
Property Code: 06340	Property Name: MARALO SV "16" STATE	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
L	16	18S	35E		1748	SOUTH	742	WEST	LEA

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

Proposed Pool 1: REEVES; QUEEN, WEST	Proposed Pool 2:
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Work Type Code: P	Well Type Code: G	Cable/Rotary: R	Lease Type Code: S	Ground Level Elevation: 3931'
Multiple: N	PB Proposed Depth: 4350'	Formation: QUEEN	Contractor: N/A	PB Spud Date: 11/11/95

21 Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
13-3/8"	11"	54.5#	415'	400 SXS CL. C	SURF.
11"	8-5/8"	36 & 34#	4745'	900 SXS CL. C	CIRC BOTH STGS.
7-7/8"	5-1/2"	17#	11787'	1050 SXS CL. H	TOC @ 5200' (CBL)

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.

PROPOSED OPERATION: RECOMPLETE IN QUEEN SAND
 TIH W/RETRIEVING HEAD AND CATCH RBP @ 6187'. RELEASE RBP AND TOH. RU WIRELINE AND TIH W/CIBP. SET @ +/-6050'. DUMP 35' CEMENT ON TOP OF CIBP. TIH W/4" PERF GUN AND SHOOT SQUEEZE HOLES @ 4600'. TIH W/PKR & TBG AND SET ABOVE SQUEEZE HOLES. PUMP INTO SQUEEZE HOLES AND CHECK FOR CIRCULATION UP CASING ANNULUS. IF CIRCULATION EXISTS, TOH W/PKR AND TIH W/CEMENT RETAINER. PUMP 650 SXS CMT THROUGH SQUEEZE HOLES TO CEMENT 5-1/2" CSG TO SURFACE.

PULL OUT OF RETAINER AND CIRCULATE HOLE W/2% KCL WTR. PU TO 4350'. SPOT 250 GALS 7-1/2% MUD CLEAN OUT ACID, DOUBLE INHIBITED. TOH W/TBG. RU PERFORATORS USING 4" CARRIER GUN, PREMIUM CHARGES, AND SHOOT 2 SPF @ 4340-4350' (22 HOLES). TIH W/PKR & TBG TO +/-4300'. REVERSE SPOT ACID INTO TBG. SET PKR. BREAKDOWN PERFS BY PUMPING AWAY SPOT ACID. CONTINUE TREATMENT BY PUMPING 500 GALS 7-1/2" MUD CLEAN-OUT ACID CARRYING +/- 40 BALL SEALERS DOWN TBG AT A RATE OF +/- 4 BPM. SWAB BACK LOAD AND EVALUATE.

RU HALLIBURTON TO FRAC PERFS 4340-4350' W/45,000 GALS 30# X-LINK GEL CARRYING 94,100# 20/40 SAND. PUMP DOWN TBG AT +/- 18 BPM W/AN ANTICIPATED TREATING PRESSURE OF 4500 PSI. SWI TO ALLOW GEL TO BREAK. FLOW WELL BACK AND EVALUATE.

23 I hereby certify that the information given above is true and complete to the best of my knowledge and belief.

Signature: *Dorothea Logan*
 Printed name: DOROTHEA LOGAN
 Title: REGULATORY ANALYST
 Date: DECEMBER 15, 1995
 Phone: (915) 684-7441

OIL CONSERVATION DIVISION
 Approved by: ORIGINAL SIGNED BY JERRY SEXTON
 Title: DISTRICT I SUPERVISOR
 Approval Date: JAN 10 1996
 Expiration Date:
 Conditions of Approval:
 Attached

Permit Expires 6 Months From Approval Date Unless Drilling Underway.

Plugback

