

**OIL CONSERVATION DIVISION**  
P.O. Box 2088  
Santa Fe, New Mexico 87504-2088

DISTRICT I  
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II  
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III  
1000 Rio Brazos Rd., Aztec, NM 87410

WELL API NO. <b>30-025-32860</b>
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
6. State Oil & Gas Lease No.

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b> (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)	
1. Type of Well: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>	7. Lease Name or Unit Agreement Name <b>LOWE 20</b>
2. Name of Operator <b>MARALO, INC.</b>	8. Well No. <b>1</b>
3. Address of Operator <b>P. O. BOX 832, MIDLAND, TX 79702</b>	9. Pool name or Wildcat <b>BRONCO; WOLFCAMP, SOUTHWEST</b>
4. Well Location Unit Letter <b>B</b> : <b>350</b> Feet From The <b>NORTH</b> Line and <b>1550</b> Feet From The <b>EAST</b> Line Section <b>20</b> Township <b>13S</b> Range <b>38E</b> NMPM <b>LEA</b> County	
10. Elevation (Show whether DF, RKB, RT, GR, etc.) <b>3827' GR</b>	

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data	
<b>NOTICE OF INTENTION TO:</b>	<b>SUBSEQUENT REPORT OF:</b>
PERFORM REMEDIAL WORK <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>
OTHER: <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
	CASING TEST AND CEMENT JOB <input type="checkbox"/>
	OTHER: <b>OPEN ADDITIONAL WOLFCAMP PAY</b> <input checked="" type="checkbox"/>

12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

**SEE ATTACHED REPORT:**

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

SIGNATURE *Dorothea Logan* TITLE **REGULATORY ANALYST** DATE **APRIL 20, 1998**  
TYPE OR PRINT NAME **DOROTHEA LOGAN** TELEPHONE NO. **(915) 684-7441**

(This space for State Use)

APPROVED BY CHRIS WILLIAMS TITLE SUPERVISOR DATE MAY 05 1998  
CONDITIONS OF APPROVAL, IF ANY:

LOWE "20" #1

RECOMPLETION OPERATION - OPEN ADDITIONAL WOLFCAMP PAY

- 03/20/98 MOVE UP HOLE FOR RECOMPLETION. RU PULLING UNIT. POH W/RODS. ND WELLHEAD. NU BOP. UNSET TBG ANCHOR. RIH, TAGGED BTM W/TBG. POH W/ TBG.
- 03/23/98 RU WL. PU 5-1/2" CMT RETAINER ON WIRE-LINE & RIH. CORRELATE & SET AT 9750' WL DEPTH. RU HYDROSTATIC TBG TESTERS. TAGGED UP & STING INTO RETAINER @ 9716'. PO OF RETAINER & CIRC HOLE CLEAN W/2% KCL WTR. ESTABLISH RATE OF RETAINER 3 BPM @ 100 PSI. PRESSURED B/S 1000 PSI & HELD OK.
- 03/24/98 RU HALLIBURTON. PRESS B/S TO 500#, MIX & PUMP 200 SXS CL. "H" NEAT CMT. PUMP 30 BBLs FLUSH & SD. UNABLE TO SQUEEZE. PUMP AWAY CMT & OVER DISPLACED W/20 BBLs KCL INTO FORMATION. MIX & PUMP 20 BBLs FW W/2% CACL2 + 10 BBLs FW SPACER + 200 SXS CLASS "H" NEAT CMT + 30 BBLs FLUSH & SD. WELL ON VACUUM @ 1/2 BPM. UNABLE TO SQUEEZE. PUMP AWAY CMT AND OVER DISPLACED W/5 BBLs KCL INTO FORMATION. STING OUT OF RETAINER. SPOTTED 200 SXS OF CLASS "H" NEAT CMT TO RETAINER. STUNG BACK INTO RETAINER & PUMPED 20 BBLs OF FLUSH & SD. WELL TOOK REST OF CMT ON VACUUM AT 6-10 BPM. PUMPED AWAY CMT INTO FORMATION @ 1.54 BPM @ 850 PSI. SD. PRESSURE TO -0- IN 5 MINS. STING OUT OF RETAINER & REVERSED 80 BBLs OUT TBG TO ENSURE TBG CLEAR. STUNG BACK INTO RETAINER. SWI.
- 03/25/98 PRESSURE BACKSIDE TO 1000 PSI & HELD. ESTABLISH INJECTION @ 1-3/4 BPM @ 500 PSI. STUNG OUT OF RETAINER. SPOT 20 BBLs OF WTR W/CACL2 + 5 BBLs FRESH WTR + 100 SXS CL. "H" NEAT CMT W/ 1% CACL2 + 100 SXS OF CL. "H" NEAT CMT. STUNG INTO RETAINER. FORMATION STOPPED TAKING CMT ON VACUUM. SD & PRESSURE HELD. PO OF CMT RETAINER. ATTEMPT TO REVERSE CMNT. PU 200 PSI ON BACKSIDE. UNABLE TO REVERSE CMT OUT OF TBG. POH W/TBG STANDING BACK 258 JTS L-80 2-7/8" TBG.
- 03/26/98 RU APOLLO WL. RIH W/GAMMA RAY. TAGGED UP @ 9704'. BTM PERF TO BE SHOT @ 9740'. RD WL. RIH W/4 5/8" BIT + BIT SUB + 6 3-1/2" DC'S + CHANGE-OVER + 302 JTS 2-7/8" 6.5# TBG. SWI.
- 03/27/98 RU REVERSE UNIT & SWIVEL. DRLD OUT CEMENT & CMT RETAINER DOWN TO 9742' WLTD. TESTED SQUEEZE TO 600 PSI & CSG HELD. CIRC'D HOLE W/ KCL WTR. RD SWIVEL & REVERSE UNIT POH W/TBG UP TO 9740'. SWI.
- 03/30/98 RU PETROPLEX ACIDIZING. SPOTTED 300 GALS 15% NEFE ACID FROM 9740-9720'. POH W/TBG, RU APOLLO WL. RIH W/5-1/2" CIBP & SET @ 9749' WL DEPTH, 9754' TBG TALLEY. NEW PBTD. RIH W/4" CARRIER GUNS W/PREMIUM CHARGES ON 2 RUNS SHOOTING 2 JSPP @ 9685-9704', 9725-9730', 59 HOLES. RD WL.
- 03/31/98 14 HR SITP 350 PSI. RIH W/243 JTS 2-7/8" TBG, 303 JTS TOTAL IN HOLE. SET PKR @ 9582'. TESTED BACKSIDE TO 1000 PSI & HELD. SWAB & EVALUATE.
- 04/01/98 WELL FLOWING TO BATTERY ON 18/64" CHOKE.