

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: <b>MARALO, INC. P. O. BOX 832 MIDLAND, TX 79702</b>		OGRID Number <b>014007</b>
Property Code <b>006345</b>	Property Name <b>KEYSTONE</b>	Well No. <b>5</b>

Surface Location									
UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County
B	32	20S	28E		660	NORTH	1980	EAST	EDDY

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 <b>BURTON FLAT; BONE SPRING ASSOCIATED (96241)</b>					Proposed Pool 2 <b>WILDCAT (BONE SPRING) (96034)</b>				

Work Type Code <b>N</b>	Well Type Code <b>0</b>	Cable/Rotary <b>R</b>	Lease Type Code <b>P</b>	Grossed Level Elevation <b>3218'</b>
Multiple <b>NO</b>	Proposed Depth <b>6700'</b>	Formation <b>BONE SPRING</b>	Contractor <b>UNK</b>	Spud Date <b>03/06/95</b>

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#	500'	550 SXS CL. "C"	CIRC TO SURF
12-1/2"	8-5/8"	32#	2600'	700 SXS HALCO LT. +	CIRC TO SURF
				TAIL W/300 SXS CL. "C"	
7-7/8"	5-1/2"	15.5#	6700'	675 SXS (APPROX)	2650' (APPROX)

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.

- DRILL 17-1/2" HOLE TO  $\pm$  500'. RUN 13-3/8" CSG TO TD. CEMENT W/550 SXS CL. "C", 1/4# FLOCELE, 2% CACL. CIRCULATE TO CEMENT TO SURFACE. WOC 12 HRS. NU BOP & TEST TO 1000#.
- DRILL 12-1/2" HOLE TO  $\pm$  2600'. RUN 8-5/8" CSG TO TD. CEMENT W/700 SXS HALCO LT., TAIL IN W/300 SXS CL. "C" CEMENT, 1/4# FLOCELE, 2% CACL. CIRC TO SURFACE. WOC 12 HRS. SET SLIP & NU BOP. TEST TO 1500#.
- DRILL 7-7/8" HOLE TO  $\pm$  6700'. RUN DST & LOG WELL, RUN 5-1/2" CSG TO TD. CEMENT W/APPROX. 675 SXS 50/50 POZ MIX TO COVER PROSPECTIVE ZONES. ESTIMATED TOC @ 2650'.

Post ID 1  
2-24-95  
New Loc +  
API

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>	Printed name: <b>DOROTHEA LOGAN</b>
Title: <b>REGULATORY ANALYST</b>	Date: <b>02/16/95</b>
Phone: <b>(915) 684-7441</b>	

OIL CONSERVATION DIVISION	
Approved by: <b>ORIGINAL SIGNED BY TIM W. GUM</b>	
Title: <b>DISTRICT II SUPERVISOR</b>	
Approval Date: <b>2/20/95</b>	Expiration Date: <b>8/19/95</b>
Conditions of Approval: Attached <input type="checkbox"/> <b>Notify N.M.O.C.C. in sufficient</b>	

time to witness cementing  
the 13 3/8" casing

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

State of New Mexico

Energy, Minerals and Natural Resources Department

Form C-102

Revised February 10, 1994

Instruction on back

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number <b>30-015-28348</b>	Pool Code <b>96241</b>	Pool Name <b>BURTON FLAT (BONE SPRING ASSOCIATED)</b>
Property Code <b>006345</b>	Property Name <b>KEYSTONE</b>	Well Number <b>5</b>
OGRID No. <b>014007</b>	Operator Name <b>MARALO, INC.</b>	Elevation <b>3218'</b>

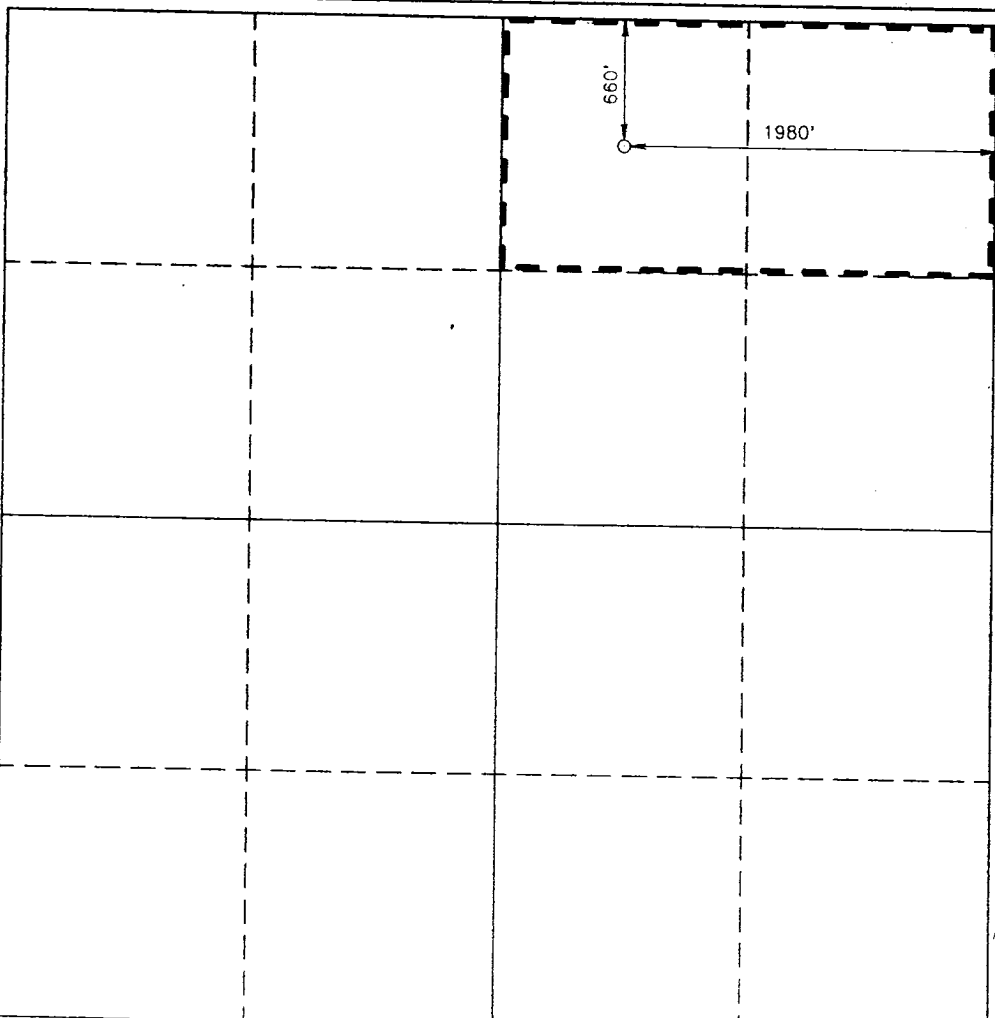
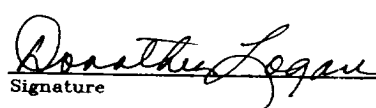
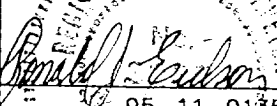
Surface Location

UL or lot No. <b>B</b>	Section <b>32</b>	Township <b>20S</b>	Range <b>28E</b>	Lot Idn	Feet from the <b>660</b>	North/South line <b>NORTH</b>	Feet from the <b>1980</b>	East/West line <b>EAST</b>	County <b>EDDY</b>
---------------------------	----------------------	------------------------	---------------------	---------	-----------------------------	----------------------------------	------------------------------	-------------------------------	-----------------------

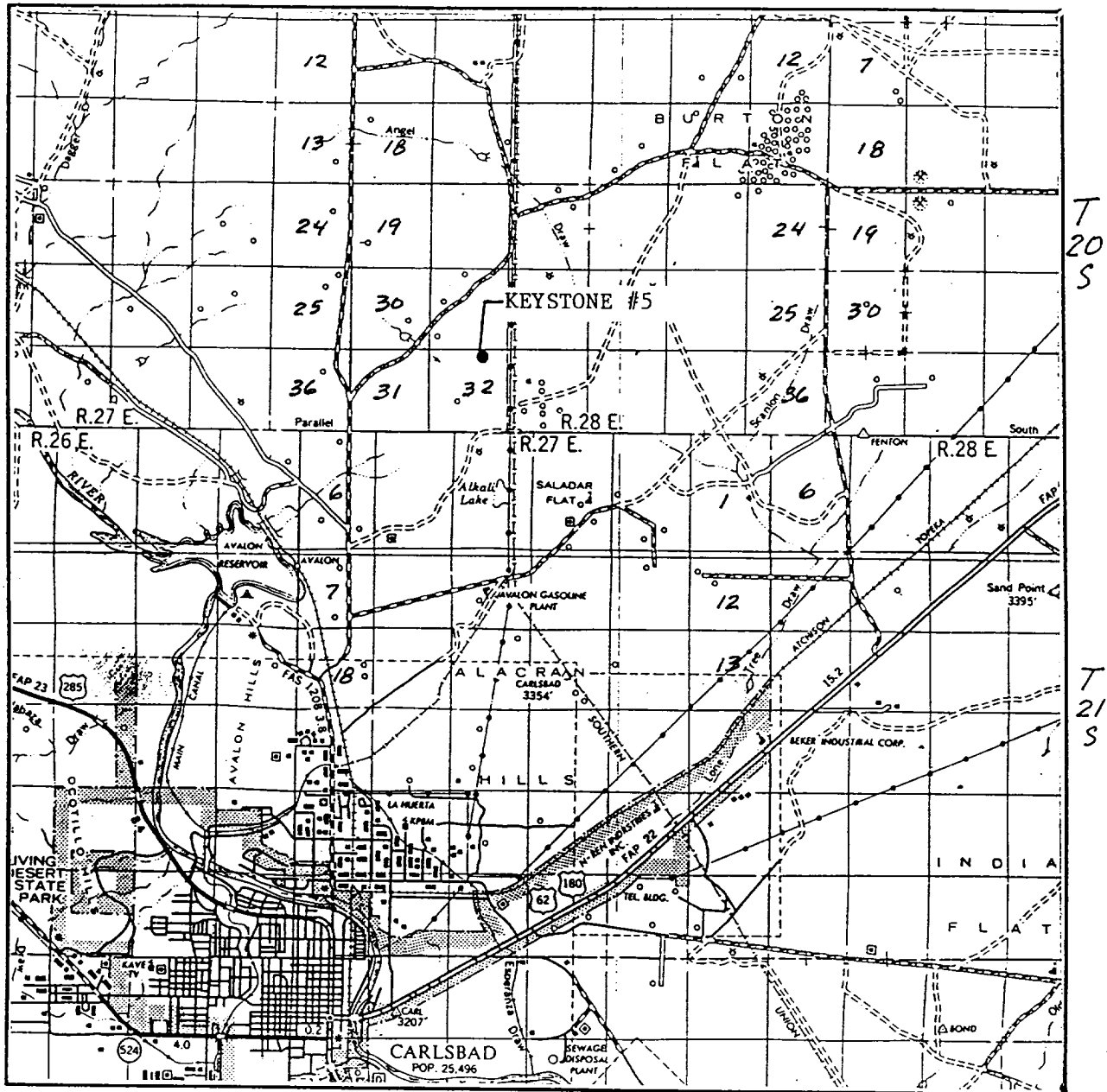
Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acres <b>80</b>	Joint or Infill <b>N</b>	Consolidation Code	Order No.						

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED  
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

	<b>OPERATOR CERTIFICATION</b>  I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.   Signature <b>DOROTHEA LOGAN</b> Printed Name <b>REGULATORY ANALYST</b> Title <b>FEBRUARY 16, 1995</b> Date
	<b>SURVEYOR CERTIFICATION</b>  I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision and that the same is true and correct to the best of my belief.  <b>JANUARY 30, 1995</b> Date Surveyed Signature & Seal of Professional Surveyor  <b>95-11-0135</b> Certificate No.
	SAW  <b>2-7-95</b> <b>95-11-0135</b>
	<b>JOHN W. WEST</b> 676 <b>RONALD E. JOHNSON</b> 3239

# VICINITY MAP



SCALE: 1" = 2 MILES

SEC. 32 TWP. 20S RGE. 28E

SURVEY N.M.P.M.

COUNTY EDDY STATE N.M.

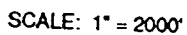
DESCRIPTION 660' FNL & 1980' FEL

ELEVATION 3218'

OPERATOR MARALO, INC.

LEASE KEYSTONE #5

**JOHN WEST ENGINEERING**  
**HOBBS, NEW MEXICO**  
**(505) 393-3117**



CONTOUR INTERVAL 10'

SURVEY N.M.P.M.

DESCRIPTION 660' FNL & 1980' FEL

ELEVATION 3218'

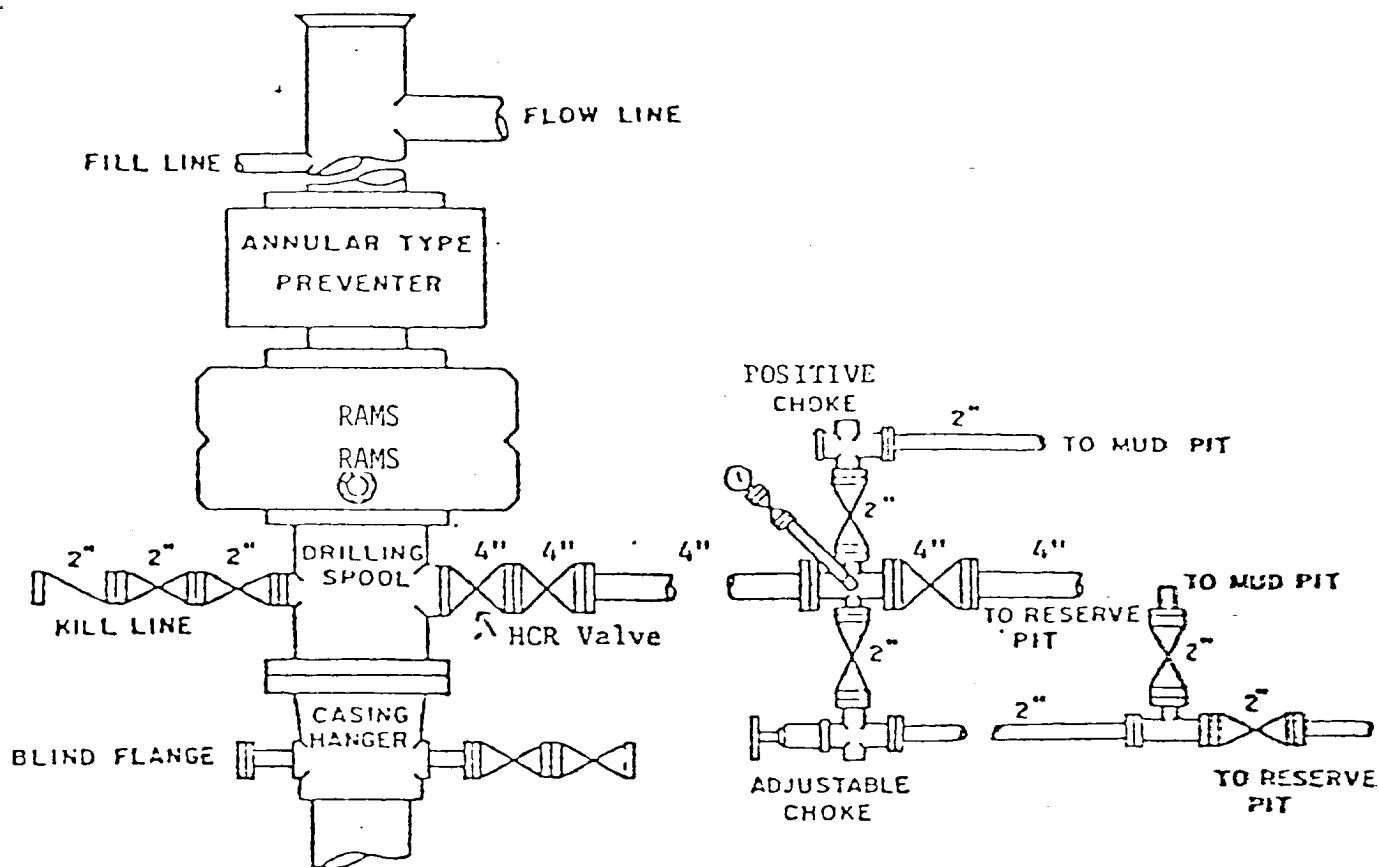
OPERATOR MARALO, INC.

LEASE \_\_\_\_\_ KEYSTONE #5

U.S.G.S. TOPOGRAPHIC MAP

ANGLE DRAW, N.M.

**JOHN WEST ENGINEERING  
HOBBS, NEW MEXICO  
(505) 393-3117**



### BOP STACK

3000 PSI WORKING PRESSURE

BOP ARRANGEMENT