

District I
PO Box 1980, Hobbs, NM 88241-1980

District II
811 South First, Artesia, NM 88210

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

District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

Form C-101

Revised October 18, 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 MARBOB ENERGY CORPORATION P.O. BOX 227 ARTESIA, NM 88210		² OGRID Number 14049
		³ API Number 30-025-34694
⁴ Property Code 24857	⁵ Property Name OSCA STATE COM	⁶ Well No. 1

⁷Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West Line	County
J	21	16S	34E		1650	SOUTH	1650	EAST	LEA

⁸Proposed 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 KEMNITZ, ATOKA-MORROW, SOUTH					¹⁰ Proposed Pool 2				

¹¹ Work Type Code N	¹² Well Type Code G	¹³ Cable/Rotary R	¹⁴ Lease Type Code S	¹⁵ Ground Level Elevation 4100
¹⁶ Multiple No	¹⁷ Proposed Depth 13200	¹⁸ Formation MORROW	¹⁹ Contractor PATTERSON	²⁰ Spud Date 09-15-99

²¹Proposed 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#/FT, H40	350'	375 SX	SURF
11"	8 5/8"	24&32#/FT, J55	4550'	1100 SX	SURF
7 7/8"	5 1/2"	17#/FT, S95-N80	TD	500 SX	10,000' MIN

²²Describe 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" surf hole to 350', run 350' 48#/ft H40 13 3/8" csg & circ cmt to surf (est 375 sx), NU & test 3000# BOPE, drill 11" hole to 4550', run 2200' 24#/ft J-55 8 5/8" csg + 2350' 32#/ft J-55 csg & cmt w/sufficient cmt to circ to surf (est 1100 sx), NU & test 5000# BOPE, drill 7 7/8" hole to total depth of appx 13200', DST as necessary, @ TD run gamma ray/compensated neutron-density/dual laterlog open hole logs - if productive, run 5.5# to TD & cmt w/sufficient cmt to bring top of cmt above Kemnitz Upper Wolfcamp pay (est TOC @ 9900' +/- 200') - production test & stimulate as necessary - if non-productive, contact NM-OCD Hobbs for plugging information

Permit Expires 1 Year From Approval
Date Unless Drilling Underway

²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief.		OIL CONSERVATION DIVISION	
Signature: <i>Robin Cockrum</i>		Approved By: <i>Orig. Signed by Paul Kautz</i>	
Printed name: Robin Cockrum		Title: Geologist	
Title: Production Analyst		Approval Date: SEP 07 1999	Expiration Date:
Date: 09-01-99	Phone: 748-3303	Conditions of Approval: Attached: <input type="checkbox"/>	

CMP

