

District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
1301 W. Grand Avenue, Artesia, NM 88210  
District III  
1000 Rio Brazos Road, Aztec, NM 87410  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy Minerals and Natural Resources

Form C-101  
May 27, 2004

Submit to appropriate District Office

☐ AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

Operator Name and Address MARBOB ENERGY CORPORATION PO BOX 227 ARTESIA, NM 88211-0227		OGRID Number 14049
Property Code 35138	Property Name TOP DOLLAR STATE	API Number 30-015-34390
Proposed Pool 1 Unders. LUSK; BONE SPRING, west		Proposed Pool 2 Haulberry, DELAWARE, etc.

Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
0	16	19S	31E		990	SOUTH	1980	EAST	EDDY

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

Additional Well Information

Work Type Code P	Well Type Code O	Cable/Rotary R	Lease Type Code S	Ground Level Elevation 3488' GL
Multiple N	Proposed Depth 12500'	Formation MORROW	Contractor	Spud Date 6/24/06
Depth to Groundwater		Distance from nearest fresh water well		Distance from nearest surface water
Pit: Liner: Synthetic <input type="checkbox"/> _____mils thick Clay <input type="checkbox"/> Pit Volume: _____bbls Drilling Method: _____ Closed-Loop System <input type="checkbox"/> Fresh Water <input type="checkbox"/> Brine <input type="checkbox"/> Diesel/Oil-based <input type="checkbox"/> Gas/Air <input type="checkbox"/>				

EXISTING

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#	520'	500 SX	0
12 1/4"	9 5/8"	36#	3860'	1575 SX	0
7 7/8"	5 1/2"	17#	12495'	2000 SX	3600'

Describe the proposed program. If this application is to DEEPEEN 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.

PROPOSE TO PERF, ACDZ W/ NEFE 7 1/2% HCL, TEST & POSSIBLY FRAC THE FOLLOWING BONE SPRING & DELAWARE SAND ZONES AS FOLLOWS:

PLUGBACK TECHNIQUES TO BE DETERMINED BASED ON RESULTS OF PREVIOUS ZONE(S).

BONE SPRING 1	8831'-8960' (20)	1500 GAL ACID
BONE SPRING 2	8198'-8232' (20)	1000 GAL ACID
DELAWARE 1	6566'-6572' (21)	500 GAL ACID
DELAWARE 2	6180'-6184' (15)	300 GAL ACID
DELAWARE 3	5950'-5955' (18)	300 GAL ACID
DELAWARE 4	5184'-5190' (21)	500 GAL ACID
DELAWARE 5&6	4656'-4664' (7) & 4562'-4574' (13)	1250 GAL ACID
DELAWARE 7	4482'-4492' (22)	500 GAL ACID
DELAWARE 8	4244'-4252' (18)	500 GAL ACID

I hereby certify that the information given above is true and complete to the best of my knowledge and belief. I further certify that the drilling pit will be constructed according to NMOCD guidelines ☐ a general permit ☐ or an (attached) alternative OCD-approved plan ☐.

Printed name: DIANA J. BRIGGS

Title: PRODUCTION ANALYST

E-mail Address: PRODUCTION@MARBOB.COM

Date: 10/20/06

Phone: (505) 748-3303

OIL CONSERVATION DIVISION

Approved by:

BRYAN G. ARRANT  
DISTRICT II GEOLOGIST

Approval Date: NOV 17 2006

Expiration Date: NOV 17 2007

Conditions of Approval Attached ☐