

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

SEP 23 2008
OCD-ARTESIA

Form C-101
June 16, 2008

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Submit to appropriate District Office

☐ AMENDED REPORT

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

¹ Operator Name and Address Marbob Energy Corporation PO Box 227 Artesia, NM 88211-0227		² OGRID Number 14049
		³ API Number 30-015-35150
⁴ Property Code 36933	⁵ Property Name Red Ryder State	⁶ Well No 1
⁹ Proposed Pool 1 Hay Hollow, Bone Spring, North (30216)		¹⁰ Proposed Pool 2

⁷ Surface Location

UL or lot no	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	255	25S	27E		1320	North	660	East	Eddy

⁸ 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

¹¹ Work Type Code D	¹² Well Type Code O	¹³ Cable/Rotary R	¹⁴ Lease Type Code S	¹⁵ Ground Level Elevation 3015' GL
¹⁶ Multiple N	¹⁷ Proposed Depth 13230'	¹⁸ Formation Bone Spring	¹⁹ Contractor	²⁰ Spud Date 5/31/07

²¹ 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" existing	48#	355'	700 sx	0
12 1/4"	9 5/8" existing	36#	2172'	800 sx	0
8 3/4"	7" existing	23#	9513'	1600 sx	0
6 1/8"	4 1/2" existing	11.6#	13230'	275 sx	9150' TS

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. Describe the blowout prevention program, if any. Use additional sheets if necessary.

Marbob Energy Corporation proposes to drill out plugs above Delaware zones, squeeze Delaware zones and return to production in the Bone Spring zones as follows

Drill out CIBP @ 4870', CIBP + 10' cmt @ 5510' & CIBP + 12' cmt @ 5725'
Squeeze the Delaware 1 & 2 @ 5560' - 5785' w/ 100 sx cmt
Squeeze the Delaware 3 & 4 @ 4721' - 4927' w/ 100 sx cmt
Squeeze the Delaware 5 @ 4292' - 4296' w/ 50 sx cmt
Drill out each squeeze and test squeezed perms to 1000- 1500 psi
Drill out CIBP + 35' cmt @ 8128'
PWOP in the Bone Spring @ 8178' - 8204'

Current Form C-144 must be approved
prior to commencement of drilling
activities

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

Signature

Printed name Diana J Briggs

Title Production Analyst

E-mail Address production@marbob.com

Date 9/22/08

Phone (575) 748-3303

OIL CONSERVATION DIVISION

Approved by

Title

Approval Date

Expiration Date

Conditions of Approval Attached ☐