

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
March 4, 2004

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

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SEP 07 2004

SEP-ARTESIA

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 88211-0227		² OGRID Number 14049
³ Property Code 34273		³ API Number 30-015-33602
³ Property Name Nervous Purvis State		⁶ Well No. 1

⁷ Surface Location

UL or lot no. D	Section 36	Township 18S	Range 31E	Lot Idn	Feet from the 990	North/South line North	Feet from the 660	East/West line West	County Eddy
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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
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⁹ Proposed Pool 1 Shugart; Morrow (Gas) 85300	¹⁰ Proposed Pool 2
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Drilling Pit Location and Other Information

UL or lot no. D	Section 36	Township 18S	Range 31E	Lot Idn	Feet from the 1040	North/South line North	Feet from the 660	East/West line West	County Eddy
Depth to ground water more than 100'		Distance from nearest fresh water well more than 1000'		Distance from nearest surface water more than 1000'					
¹¹ Work Type Code N		¹² Well Type Code S		¹³ Cable/Rotary Rotary		¹⁴ Lease Type Code S		¹⁵ Ground Level Elevation 3658'	
¹⁶ Multiple No		¹⁷ Proposed Depth 12400'		¹⁸ Formation Morrow		¹⁹ Contractor		²⁰ Spud Date 09/15/04	

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"	48# H-40	925' 800-850'	925	Circ
12 1/4"	8 5/8"	32# J-55 Buttress	4250'	1000	Tie in to 13 3/8"
7 7/8"	5 1/2"	17# S-95/P110	12400'	875	200' above all
					oil & gas bearing
					zones

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.

Propose to drill 17 1/2" hole w/fresh water to 925', set 13 3/8" csg, cmt w/925 sx, circ to surf. Drill 12 1/4" hole w/brine water to 4250', set 8 5/8" csg, cmt w/1000 sx, attempt to tie back in to 13 3/8" csg. Drill 7 7/8" hole w/cut brine water to TD 12400', set 5 1/2" csg, cmt w/875 sx, bring TOC 200' above all oil and gas bearing zones.

²³ 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 ☐.

Signature:

Printed name: **Melanie J. Parker**

Title: **Land Department**

E-mail Address: **land2@marbob.com**

Date: **09/07/04**

Phone: **505-748-3303**

505-746-2523 Fax

OIL CONSERVATION DIVISION

Approved by:

TIM W. GUM

Title:

DISTRICT II SUPERVISOR

Approval Date: **SEP 07 2004**

Expiration Date: **SEP 07 2005**

Conditions of Approval:

Attached ☐

Oper. To set Surface in Anhydrite Section of Rustler

State of New Mexico

DISTRICT I
1625 N. FRENCH DR., HOBBS, NM 88240

Energy, Minerals and Natural Resources Department

DISTRICT II
1301 W. GRAND AVENUE, ARTESIA, NM 88210

OIL CONSERVATION DIVISION
1220 SOUTH ST. FRANCIS DR.
Santa Fe, New Mexico 87505

Form C-102
Revised JUNE 10, 2003
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

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

DISTRICT IV
1220 S. ST. FRANCIS DR., SANTA FE, NM 87505

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number	Pool Code 85300	Pool Name Shugart; Morrow (Gas)
Property Code	Property Name NERVOUS PURVIS STATE	Well Number 1
OGRID No. 14049	Operator Name MARBOB ENERGY CORPORATION	Elevation 3658'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	36	18-S	31-E		990'	NORTH	660'	WEST	EDDY

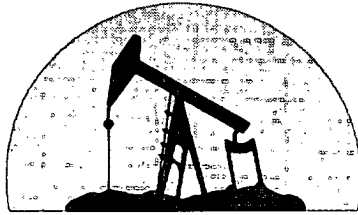
Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

Dedicated Acres 320	Joint or Infill	Consolidation Code	Order No.
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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

<p>990'</p> <p>660'</p>	<p>GEODETIC COORDINATES NAD 27 NME</p> <p>Y=621814.3 N X=655163.7 E</p> <p>LAT.=32°42'30.42" N LONG.=103°49'43.98" W</p>	<p>OPERATOR CERTIFICATION</p> <p>I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.</p> <p><i>Melanie J. Parker</i> Signature</p> <p>Melanie J. Parker Printed Name</p> <p>Land Department Title</p> <p>09/07/04 Date</p>
		<p>SURVEYOR CERTIFICATION</p> <p>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.</p> <p>AUGUST 18, 2004</p>
		<p>Date Surveyed LA</p> <p>Signature & Seal of Professional Surveyor</p> <p><i>GARY E. EDSON</i> 8/26/04</p> <p>04.11.1037</p>
		<p>Certificate No. GARY E. EDSON 12641</p>



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SEP 07 2004
OFF-ARTESIA

marbob
energy corporation

September 7, 2004

Oil Conservation Division
1301 W. Grand Ave.
Artesia, NM 88210

Attention: Bryan Arrant

Re: Nervous Purvis State #1
990' FNL & 660' FWL, Unit D
Section 36, T18S, R31E
Eddy County, New Mexico

Dear Bryan:

We plan to complete the above referenced well in the Morrow formation, which is sweet, and we don't anticipate cutting any formations that contain H₂S gas during the drilling of this well. Therefore, we do not believe that an H₂S contingency plan is necessary.

If you have questions or need further information, please call.

Sincerely,

Melanie J. Parker
Land Department

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