

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

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



Submit to appropriate District Office  
APR 21 2008  
OCD-ARTESIA  
☐ AMENDED REPORT

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

<sup>1</sup> Operator Name and Address Marbob Energy Corporation PO Box 227 Artesia, NM 88211-0227		<sup>2</sup> OGRID Number 14049
		<sup>3</sup> API Number 30 - 015-35536
<sup>4</sup> Property Code 36450	<sup>5</sup> Property Name Spanish Cedar State Com	<sup>6</sup> Well No. 1
<sup>9</sup> Proposed Pool 1 Delaware		<sup>10</sup> Proposed Pool 2

<sup>7</sup> Surface Location

UL or lot no	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
O	3	24S	27E		720	South	1970	East	Eddy

<sup>8</sup> 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

<sup>11</sup> Work Type Code P	<sup>12</sup> Well Type Code G	<sup>13</sup> Cable/Rotary R	<sup>14</sup> Lease Type Code S	<sup>15</sup> Ground Level Elevation 3143' GL
<sup>16</sup> Multiple N	<sup>17</sup> Proposed Depth 12640'	<sup>18</sup> Formation Morrow	<sup>19</sup> Contractor	<sup>20</sup> Spud Date 8/19/07
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"/>				

<sup>21</sup> 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#	538'	450 sx	0
12 1/4"	9 5/8"	36#	2094'	650 sx	0
8 3/4"	7"	23#	9012'	1550 sx	0
6 1/8"	4 1/2"	11.6#	12639'	325 sx	9100' TS

<sup>22</sup> 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 perforate, acidize w/ 7 1/2% HCl, test & possibly frac the following Delaware zones

Set CIBP + 35' cmt within 50' of top Strawn perf

Delaware 1	5556' - 5598' (20 shots)	1000 gal acid	Delaware 5	4880' - 4896' (20 shots)	750 gal acid
Delaware 2	5309' - 5382' (20 shots)	1500 gal acid	Delaware 6	3175' - 3184' (20 shots)	500 gal acid
Delaware 3	5124' - 5174' (20 shots)	1500 gal acid	Delaware 7	3056' - 3065' (20 shots)	500 gal acid
Delaware 4	5011' - 5030' (20 shots)	750 gal acid	Delaware 8	2320' - 2329' (20 shots)	500 gal acid

\*\*\*Any zone to be abandoned will be done with a CIBP + 35' cmt set within 50' - 100' of the top perf. Marginally producing zones will be downhole commingled with NMOCD approval. A pkr/RBP, pkr/comp BP and/or pkr/CIBP combination will be used when testing each zone \*\*\*

<sup>23</sup> 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 Diana J. Briggs

Title Production Analyst

E-mail Address production@marbob.com

Date 4/18/08

Phone (575) 748-3303

OIL CONSERVATION DIVISION

Approved by

Title

Approval Date 4/23/08

Expiration Date 4/23/10

Conditions of Approval Attached ☐

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

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

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

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

State of New Mexico  
Energy, Minerals and Natural Resources Department

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

Form C-102  
Revised October 12, 2005  
Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number 30-015-35536	Pool Code	Pool Name Delaware
Property Code 36450	Property Name SPANISH CEDAR STATE COM	Well Number 1
OGRID No. 14049	Operator Name MARBOB ENERGY CORPORATION	Elevation 3143'

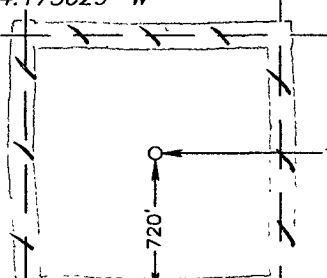
Surface Location

UL or lot No. 0	Section 3	Township 24-S	Range 27-E	Lot Idn	Feet from the 720	North/South line SOUTH	Feet from the 1970	East/West line EAST	County EDDY
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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 40	Joint or Infill	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

LOT 4 40.43 AC	LOT 3 40.42 AC	LOT 2 40.42 AC	LOT 1 40.40 AC
GEODETIC COORDINATES NAD 27 NME Y=451515.7 N X=548759.1 E LAT.=32.241235° N LONG.=104.175629° W			
			
<b>OPERATOR CERTIFICATION</b> I hereby certify that the information herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division. Signature: <u>Diana J. Briggs</u> Date: <u>4/18/08</u> Printed Name: <u>Diana J. Briggs</u> Production Analyst			
<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. Date Surveyed: <u>FEBRUARY 2, 2007</u> JR Signature & Seal of Professional Surveyor: <u>GARY EIDSON</u> 2/7/07 Certificate No. <u>GARY EIDSON</u> 12641			