

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

☐ AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL, REENTER, 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 302638	Property Name WALTERSCHEID 23	API Number 30-015-34353
Proposed Pool 1 FOREHAND RANCH; BONE SPRING (24660)		Well No. 1
Proposed Pool 2 Cass Draw, Delaware		

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
M	23	23S	27E		1050	SOUTH	660	WEST	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

11 Work Type Code P	12 Well Type Code G	13 Cable/Rotary R	14 Lease Type Code P	15 Ground Level Elevation 3136' GL
16 Multiple N	17 Proposed Depth 12550'	18 Formation WOLFCAMP	19 Contractor	20 Spud Date 10/12/05
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"/>				

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#	443'	400 SX	0
12 1/4"	9 5/8"	40#	5750'	1795 SX	0
8 3/4"	5 1/2"	17#	12537'	2115 SX	0

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 PERFORATE, ACIDIZE, TEST & POSSIBLY FRAC THE FOLLOWING BONE SPRING AND/OR DELAWARE ZONES UNTIL COMMERCIAL PRODUCTION IS ESTABLISHED AS FOLLOWS:

SET CIBP + 35' CMT @ APPX 10200'.
3RD BONE SPRING 9079'-9092' (42) 750 GAL NEFE 7 1/2% HCL
FOLLOWING PLUG BACK TECHNIQUES WILL BE DETERMINED BASED ON RESULTS OF PREVIOUS ZONE(S).
BONE SPRING 2 7150'-7156' (21) 1000 GAL NEFE 15% HCL
BONE SPRING 3 6410'-6420' (11) 1000 GAL NEFE 15% HCL
DELAWARE SAND 1 5592'-5618' (54) 1250 GAL NEFE 7 1/2% HCL
DELAWARE SAND 2 5366'-5382' (34) 750 GAL NEFE 7 1/2% HCL

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 ☐.

OIL CONSERVATION DIVISION	
Approved by: BRYAN G. ARANT	
Title: DISTRICT II GEOLOGIST	
Printed name: DIANA J. BRIGGS	Approval Date: AUG 22 2006
Title: PRODUCTION ANALYST	Expiration Date: AUG 22 2007
E-mail Address: PRODUCTION@MARBOB.COM	
Date: 8/16/06	Conditions of Approval Attached <input type="checkbox"/>
Phone: (505) 748-3303	

08/01/2006 14:29 FAX 432 687 422

CHK MIDLAND

003/005

DISTRICT I

1001 N. FRANKLIN ST., SUITE 100, ALBUQUERQUE, NM 87102

DISTRICT II

1001 N. FRANKLIN ST., SUITE 100, ALBUQUERQUE, NM 87102

DISTRICT III

1000 E. GARDEN BL., ALBUQUERQUE, NM 87102

DISTRICT IV

1000 E. GARDEN BL., SUITE 100, ALBUQUERQUE, NM 87102

State of New Mexico
Energy, Minerals and Natural Resources DepartmentOIL CONSERVATION DIVISION
1220 SOUTH ST. FRANCIS DR.
Santa Fe, New Mexico 87505Form C-102
Revised JUNE 18, 2005
Appropriate District Office
State Exam - 4 Copies
Fee Exam - 3 Copies

WELL LOCATION AND ACREAGE DEDICATION PLAT

AMENDED REPORT

API Number 30-015-34353	Pool Code 24660	Pool Name FOREHAND RANCH; BONE SPRING
Property Code 302638	Property Name WALTERSCHEID 23	Well Number 1
OCD No. 14049	Operator Name MARBOB ENERGY CORPORATION	Elevation 3136'

Surface Location

UL or Lot No.	Section	Township	Range	Lot 1/4	Feet from the	North/South line	Feet from the	East/West line	County
M	23	23-S	27-E		1050	SOUTH	660	WEST	EDDY

Bottom Hole Location if Different From Surface

UL or Lot No.	Section	Township	Range	Lot 1/4	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acres 40	Joint or In/In	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

	OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. Signature DIANA J. BRIGGS Printed Name PRODUCTION ANALYST Title AUGUST 16, 2006 Date
	SURVEYOR CERTIFICATION 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. AUGUST 31, 2005 Date Surveyed Signature J. EDSON Printed Name PROFESSIONAL SURVEYOR Title Seal 8511358 No. NEW MEXICO State
	Date Surveyed 8/1/05 Date 8511358 No. NEW MEXICO State
	Date Surveyed 8/1/05 Date 8511358 No. NEW MEXICO State

08/01/2006 14:29 FAX 432 687 4422

CHK MIDLAND

003/005

DISTRICT I

1000 N. FRANKLIN ST., ALBUQUERQUE, NM 87102

DISTRICT II

1000 N. FRANKLIN ST., ALBUQUERQUE, NM 87102

DISTRICT III

1000 N. FRANKLIN ST., ALBUQUERQUE, NM 87102

DISTRICT IV

1000 N. FRANKLIN ST., ALBUQUERQUE, NM 87102

State of New Mexico
Energy, Minerals and Natural Resources DepartmentOIL CONSERVATION DIVISION
1220 SOUTH ST. FRANCIS DR.
Santa Fe, New Mexico 87506AUG 2006
RECEIVED
OCD-ARTESIAForm C-102
Revised JUNE 10, 2005
Submit to Appropriate District Office
Main Room - 4 Copies
Fee Room - 3 Copies

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number 30-015-34353	Pool Code 10410	Pool Name Cass Draw	State DELAWARE
Property Code 302638	Property Name WALTERSCHEID 23		Well Number 1
OCD No. 14049	Operator Name MARBOB ENERGY CORPORATION		Elevation 3136'

Surface Location

UL or Lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	23	23-S	27-E		1050	SOUTH	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 Acre	Joint or Infill	Consolidation Code	Order No.						
4c									

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>OPERATOR CERTIFICATION</p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</p> <p>Signature <i>Diana J. Briggs</i></p> <p>Printed Name DIANA J. BRIGGS</p> <p>Position PRODUCTION ANALYST</p> <p>Date AUGUST 16, 2006</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 31, 2005</p> <p>Date Surveyed 8/31/05</p> <p>Signature <i>Harry G. Edison</i></p> <p>Printed Name HARRY G. EDISON</p> <p>Professional Surveyor NEW MEXICO</p> <p>Professional No. 85,114,358</p> <p>County DEL</p>
	<p>GEODETIC COORDINATES NAD 27 NME</p> <p>Y=467865.0 N X=551442.3 E</p> <p>LAT.=32°17'10.20" N LONG.=104°10'00.73" W</p>
	<p>660'</p> <p>1050'</p>