

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

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

1. Operator Name and Address MARBOB ENERGY CORP PO BOX 227 ARTESIA, NM 882110227		2. OGRID Number 14049
4. Property Code 35749		3. API Number 30-015-34935
5. Property Name COMPADRES FEE		6. Well No. 002

7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
H	4	22S	27E	H	2310	N	1060	E	EDDY

8. Pool Information

ESPERANZA,DELAWARE	22640
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Additional Well Information

9. Work Type New Well	10. Well Type OIL	11. Cable/Rotary	12. Lease Type Private	13. Ground Level Elevation 3100
14. Multiple N	15. Proposed Depth 5340	16. Formation Delaware	17. Contractor	18. Spud Date 7/6/2006
Depth to Ground water 250		Distance from nearest fresh water well > 1000		Distance to nearest surface water > 1000
Pit: Liner: Synthetic ☒ 12 _____ miles thick Clay ☐ Pit Volume: 3000 _____ bbls Drilling Method: Closed Loop System ☐ Fresh Water ☐ Brine ☐ Diesel/Oil-based ☐ Gas/Air ☒				

19. Proposed Casing and Cement Program

Type	Hole Size	Casing Type	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surf	12.25	8.625	24	400	350	0
Prod	7.875	5.5	17	5340	550	1700

Casing/Cement Program: Additional Comments

We propose to drl 12 1/2 inch hole to 400 ft w/fresh water, run 8 5/8 inch 24 lb csg, set at 400 ft w/350 sx cmt, circ to surface; drl 7 7/8 inch hole w/brine water to 5340 ft, run 5 1/2 inch 17 lb csg, set at 5340 ft w/550 sx cmt, 200 ft above all oil and gas zones.

Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
DoubleRam	2000	2000	Cameron

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	
Printed Name: Electronically filed by Diana Briggs	Approved By: Bryan Arrant	
Title: Production Analyst	Title: Geologist	
Email Address: production@marbob.com	Approved Date: 6/13/2006	Expiration Date: 6/13/2007
Date: 6/6/2006	Phone: 505-748-3303	Conditions of Approval Attached

District I
 1625 N. French Dr., Hobbs, NM 88240
 Phone:(505) 393-6161 Fax:(505) 393-0720

District II
 1301 W. Grand Ave., Artesia, NM 88210
 Phone:(505) 748-1283 Fax:(505) 748-9720

District III
 1000 Rio Brazos Rd., Aztec, NM 87410
 Phone:(505) 334-6178 Fax:(505) 334-6170

District IV
 1220 S. St Francis Dr., Santa Fe, NM 87505
 Phone:(505) 476-3470 Fax:(505) 476-3462

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Form C-102
 Permit 31540

WELL LOCATION AND ACREAGE DEDICATION PLAT

1. API Number 30-015-34935	2. Pool Code 22640	3. Pool Name ESPERANZA,DELAWARE
4. Property Code 35749	5. Property Name COMPADRES FEE	6. Well No. 002
7. OGRID No. 14049	8. Operator Name MARBOB ENERGY CORP	9. Elevation 3100

10. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
H	4	22S	27E	H	2310	N	1060	E	EDDY

11. Bottom Hole Location If Different From Surface

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
12. Dedicated Acres 40.00		13. Joint or Infill		14. Consolidation Code		15. 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, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location(s) or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

E-Signed By: Diana Briggs
 Title: Production Analyst
 Date: 6/6/2006

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.

Surveyed By: Ronald Eidson
 Date of Survey: 6/1/2006
 Certificate Number: 3239

Permit Comments

Operator: MARBOB ENERGY CORP , 14049

Well: COMPADRES FEE #002

API: 30-015-34935

Created By	Comment	Comment Date
MARBOB4	Marbob Energy has conducted a review to determine if an H2S contingency plan is required for the above referenced well. We were able to conclude that any potential hazardous volume would be minimal. H2S concentrations of wells in this area from surface to TD are low enough; therefore we do not believe that an H2S Contingency Plan would be necessary.	6/6/2006

Permit Conditions of Approval

Operator: MARBOB ENERGY CORP , 14049

Well: COMPADRES FEE #002

API: 30-015-34935

OCD Reviewer	Condition
BArrant	Pit construction and closure must satisfy all requirements of your approved plan, O.C.D. Rule 19.15.2.50, and the Pit and Below-Grade Tank Guidelines
BArrant	Operator to submit a detailed h2s contingency plan for OCD review and approval before well is spudded.
BArrant	Operator to set surface casing above the Salado. Please refer to off-set geology for more information.
BArrant	As noted, operator to drill surface hole with fresh water mud.
BArrant	Cement to cover all oil, gas and water bearing zones.
BArrant	Please submit plan as to how BOPs will be tested on a daily basis.