State of New Mexico

Form C-101 Permit 79020

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

101101110111011	ATTHEATTON TORTERANT TO BRIEF, RE-EVILLE, BELTEN, TEOSBACK, OR ADD A ZONE								
1	. Operator Name and Address	2. OGRID Number							
M.	14049								
	PO Box 227 Artesia , NM 88211	3. API Number							
	Altesia, 14141 00211	30-015-36459							
4. Property Code	5. Property Name	6. Well No.							
37288	SHARBRO STATE	002							

7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
E	32	18S	30E	E	2210	N	330	W	EDDY

8. Pool Information

BENSON;QUEEN-GRAYBURG, NORTH 5300

Additional Well Information

				72002			(1)6	
9. Work Type New Well	2002	ill Type IL	11	11. Cable/Rotary		12. Lease Type State	13. Ground Level Elevation 3427	
14. Mühtiple N	15. Prop	osed Depth	16. Formation Bone Spring		17. Contractor	18. Spud Date 8/24/2008		
Depth to Ground water 250		Distance from nearest fresh water well			i	Distance to nearest surface water		
tit: Liner: Synthetic [Closed Loop Syste	 m 🔀	mils thick	Clay Pit	Volume:		rilling Method: resh Water Brine	Diesel/Oil-based Gas/Air	

19. Proposed Casing and Cement Program

Туре	Hole Size	Casing Type	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surf	17.5	13.375	54.5	400	400	0
Int1	12.25	9.625	36	1500	800	0
Prod	7.875	5.5	17	9200	800	1000

Casing/Cement Program: Additional Comments

We propose to drill 17 1/2 inch hole to 400 ft with fresh water, run 54.5 lb J-55 13 3/8 inch csg and set at 400 ft with 400 sx cmt, circ to surface; drl 12 1/4 inch hole to 1500 ft with brine water, run 36 lb J-55 9 5/8 inch csg and set at 1500 ft with 800 sx cmt, circ to surface; drl 7 7/8 inch hole to 9200 ft with cut brine water, run 5 1/2 inch 17 lb N-80 csg and set at 9200 ft with 800 sx cmt, 1000°.

Proposed Blowout Prevention Program

Туре	Working Pressure	Test Pressure	Manufacturer
DoubleRam	3000	3000	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	OIL CONSERVATION DIVISION				
NMOCD guidelines , a general permit , or an (attached) alternative OCD-approved plan .	Approved By: Tim Gum				
Printed Name: Electronically filed by Diana Briggs	Title: District Supervisor				
Title: Production Analyst	Approved Date: 8/7/2008 Expiration Date: 8/7/2010				
Email Address: production@marbob.com					
Date: 7/24/2008 Phone: 505-748-3303					

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

State of New Mexico

Form C-102 Permit 79020

Energy, Minerals and Natural Resources Oil Conservation Division

1220 S. St Francis Dr. Santa Fe, NM 87505

WELL LOCATION AND ACREAGE DEDICATION PLAT

	ELL LOCATION AND ACK	EAGE DEDICATION FL.	A1		
1. API Number	2. Pool Code	3. Pool Name			
30-015-36459	5300	BENSON;QUEEN-GRAYBURG, NORTH			
4. Property Code	5. Property	5. Property Name			
37288	SHARBRO	002			
7. OGRID No.	8. Operator Name		9. Elevation		
14049	MARBOB ENE	3427			

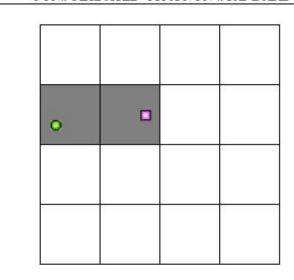
10. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
E	32	18S	30E	E	2210	N	330	w	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
F	32	18S	30E	F	1980	N	2310	W	EDDY
0.755.00	cated Acres	13.	Joint or Infill	1	4. 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: 7/24/2008

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: 7/3/2008 Certificate Number: 3239

Permit Comments

Operator: MARBOB ENERGY CORP , 14049 Well: SHARBRO STATE #002

API: 30-015-36459

Created By	Comment	Comment Date
MARROR4	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.	7/17/2008