

**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 88211		2. OGRID Number 14049
		3. API Number 30-015-35102
4. Property Code 35954	5. Property Name SCARED HAWK STATE COM	6. Well No. 001

**7. Surface Location**

UL - Lot	Section	Township	Range	Lot Idh	Feet From	N/S Line	Feet From	E/W Line	County
A	4	25S	28E	1	330	N	25	E	EDDY

**8. Pool Information**

WILLOW LAKE; DELAWARE, SW	96855
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**Additional Well Information**

9. Work Type New Well	10. Well Type OIL	11. Cable/Rotary	12. Lease Type State	13. Ground Level Elevation 3009
14. Multiple N	15. Proposed Depth 7000	16. Formation Delaware	17. Contractor	18. Spud Date 9/1/2006
Depth to Ground water 35	Distance from nearest fresh water well > 1000		Distance to nearest surface water > 1000	
Pit: Liner: Synthetic <input checked="" type="checkbox"/> 12 _____ mils thick Clay <input type="checkbox"/> Pit Volume: 3000 _____ 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 checked="" type="checkbox"/>				

**19. Proposed Casing and Cement Program**

Type	Hole Size	Casing Type	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surf	12.25	9.625	36	675	700	0
Prod	7.875	5.5	17	7000	1800	0

**Casing/Cement Program: Additional Comments**

We propose to drl 12 1/4 inch hole to 675ft w/fresh water, run 9 5/8 inch 36 lb J-55 csg, set at 675 ft w/700sx cmt, circ to surface; drl 7 7/8 inch hole w/brine water to 7000 ft, run 5 1/2 inch 17 lb J-55 csg, set at 7000 ft w/1800 sx cmt, circ to surface.

**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 NMOCB guidelines <input type="checkbox"/> , a general permit <input checked="" type="checkbox"/> , or an (attached) alternative OCB-approved plan <input type="checkbox"/> .	<b>OIL CONSERVATION DIVISION</b>	
	Approved By: Bryan Arrant	
	Title: Geologist	
	Approved Date: 8/21/2006	Expiration Date: 8/21/2007
	Printed Name: Electronically filed by Diana Briggs	
	Title: Production Analyst	
Email Address: production@marbob.com		
Date: 8/21/2006	Phone: 505-748-3303	Conditions of Approval Attached

District IIDistrict IIIDistrict IV

**State of New Mexico**  
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**WELL LOCATION AND ACREAGE DEDICATION PLAT**

1. API Number 30-015-35102	2. Pool Code 96855	3. Pool Name WILLOW LAKE; DELAWARE, SW
4. Property Code 35954	5. Property Name SCARED HAWK STATE COM	6. Well No. 001
7. OGRID No. 14049	8. Operator Name MARBOB ENERGY CORP	9. Elevation 3009

**10. Surface Location**

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
A	4	25S	28E	A	330	N	25	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
B	4	25S	28E	2	430	N	2310	E	EDDY
12. Dedicated Acres 80.64		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**

	<p><b>OPERATOR CERTIFICATION</b></p> <p><i>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.</i></p> <p>E-Signed By: Diana Briggs Title: Production Analyst Date: 8/21/2006</p>
	<p><b>SURVEYOR CERTIFICATION</b></p> <p><i>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.</i></p> <p>Surveyed By: Gary Eidson Date of Survey: 7/17/2006 Certificate Number: 12641</p>

# Permit Comments

Operator: MARBOB ENERGY CORP , 14049  
Well: SCARED HAWK STATE COM #001  
API: 30-015-35102

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.	7/31/2006

# Permit Conditions of Approval

Operator: MARBOB ENERGY CORP , 14049

Well: SCARED HAWK STATE COM #001

API: 30-015-35102

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	Will require a directional survey with the C-104
BArrant	Please notify OCD time of spud and time to witness the cementing to surface all casing strings.
BArrant	This is a "drill only" well as a NSL is required to produce.