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

State of New Mexico

Form C-101 Permit 77233

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

-	Operator Name and Address MACK ENERGY CORP	2. OGRID Number 13837		
	3. API Number 30-025-38990			
4. Property Code	5. Property Name	6. Well No.		
34432	OHIO STATE	002		

7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
K	7	18S	35E	K	1650	S	1650	W	LEA

8. Pool Information

VACUUM:BLINEBRY	61850

Additional Well Information

9. Work Type New Well	2000	il Type IL	11. Cable/Rotary	•	12. Lease Type State	13. Ground Level Elevation 3970
14. Montiple N	15. Prop	osed Depth	16. Formation Blinebry	n	17. Contractor	18. Spud Date 6/30/2008
Depth to Ground water 85			Distance from nearest	fresh water well		Distance to nearest surface water
it: Liner: Synthetic Closed Loop System	 n X	mils thick	Clay Pit Volume:		lling Method: sh Water Brine	Diesel/Oil-based Gas/Air

19. Proposed Casing and Cement Program

Туре	Hole Size	Casing Type	Casing Weight/ft	Casing Weight/ft Setting Depth		Estimated TOC
Surf	12.25	8.625	24	1600	700	0
Prod	7.875	5.5	17	7500	2000	0

Casing/Cement Program: Additional Comments

Mack Energy proposes to drill a 12 1/4 hole to 1600', run 8 5/8 casing and cement. Drill a 7 7/8 hole to 7500' test the Blinebry formation, run 5 1/2 casing and cement. Note: On production string a Hole caliper will be run and will figure cement with excess, attempt to circulate.

Proposed Blowout Prevention Program

Туре	Working Pressure	Test Pressure	Manufacturer
DoubleRam	3000	3000	

I hereby certify that the information given above is true and co of my knowledge and belief. I further certify that the drilling pit will be constructed a	- OIL COMBERVATION DIVIDION
NMOCD guidelines , a general permit , or an (attach OCD-approved plan .	Approved By: Paul Kautz
Printed Name: Electronically filed by Jerry Sherrel	Title: Geologist
Title: Production Clerk	Approved Date: 6/26/2008 Expiration Date: 6/26/2010
Email Address: jerrys@mackenergycorp.com	5.00
Date: 6/18/2008 Phone: 505-748-	288 Conditions of Approval Attached

District I

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

<u>District II</u>

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

District III
1000 Rio Brazos Rd., Azzec, NM 87410

Phone:(505) 334-6178 Fax:(505) 334-6170 <u>District IV</u>

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 77233

Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr.

Santa Fe, NM 87505

WELL LOCATION AND ACREAGE DEDICATION PLAT

10.5	CDD Do CHILLOTT LE D TICE	THE PLDICITION			
1. API Number	2. Pool Code	3. Pool Name			
30-025-38990	61850 VACUUM;BLINEBRY				
4. Property Code	5. Propert	6. Well No.			
34432	OHIO S	002			
7. OGRID No.	8. Operati	8. Operator Name			
13837	MACK ENE	RGY CORP	3970		

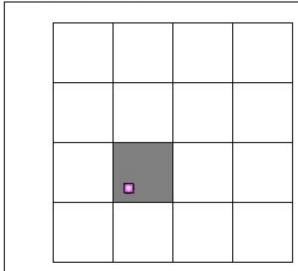
10 Surface Location

	10. Ballace Location									
UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County	7
K	7	185	35E		1650	S	1650	w	LEA	1

11. Bottom Hole Location If Different From Surface

	ALI DOVINGE AND MOVIEMENT AND										
UL - Lot	Section	Township	Range	Lot	Idn	Feet From	N/S L	ine	Feet From	E/W Line	County
1075747533	12. Dedicated Acres 13. Joint or Infill 40.00		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: Jerry Sherrell Title: Production Clerk Date: 6/18/2008

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: 6/10/2008 Certificate Number: 3239

Permit Comments

Operator: MACK ENERGY CORP , 13837

Well: OHIO STATE #002

API: 30-025-38990

Created By	Comment	Comment Date	
DWSHERRELL	H2S concentrations of wells in this area from surface to TD are low enough that a contingency plan is not required.	6/18/2008	

Permit Conditions of Approval

Operator: MACK ENERGY CORP , 13837 Well: OHIO STATE #002

API: 30-025-38990

OCD Reviewer	Condition
IDKAUTZ	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