

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 MACK ENERGY CORP PO BOX 960 ARTESIA , NM 88211		2. OGRID Number 13837
		3. API Number 30-025-38793
4. Property Code 33654	5. Property Name B LEE STATE	6. Well No. 009

7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
F	7	18S	35E	F	2160	N	1725	W	LEA

8. Pool Information

VACUUM;BLINEBRY	61850
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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 3974
14. Multiple N	15. Proposed Depth	16. Formation Blinebry	17. Contractor	18. Spud Date 3/1/2008
Depth to Ground water 85	Distance from nearest fresh water well		Distance to nearest surface water	
Pit: Liner: Synthetic <input type="checkbox"/> mils thick Clay <input type="checkbox"/> Pit Volume: bbls Drilling Method: Closed Loop System <input checked="" type="checkbox"/> Fresh Water <input type="checkbox"/> Brine <input type="checkbox"/> Diesel/Oil-based <input type="checkbox"/> Gas/Air <input 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	8.625	24	1600	800	0
Prod	7.875	5.5	17	7500	2100	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 Blinebry formation, run 5 1/2 casing and cement. Note: On production string a hole caliper will be run and will figure cement with excesss, attempt to circulate.

Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
DoubleRam	3000	3000	

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 <input type="checkbox"/> , a general permit <input type="checkbox"/> , or an (attached) alternative OCD-approved plan <input type="checkbox"/> .	OIL CONSERVATION DIVISION	
	Approved By: Chris Williams	
Printed Name: Electronically filed by Jerry Sherrell	Title: District Supervisor	
Title: Production Clerk	Approved Date: 3/5/2008	Expiration Date: 3/5/2010
Email Address: jerrys@mackenergycorp.com		
Date: 2/28/2008	Phone: 505-748-1288	Conditions of Approval Attached

District IIDistrict IIIDistrict IV

Energy, Minerals and Natural Resources

Oil Conservation Division

1220 S. St Francis Dr.

Santa Fe, NM 87505

WELL LOCATION AND ACREAGE DEDICATION PLAT

1. API Number 30-025-38793	2. Pool Code 61850	3. Pool Name VACUUM, BLINEBRY
4. Property Code 33654	5. Property Name B LEE STATE	
6. Well No. 009	7. OGRID No. 13837	
8. Operator Name MACK ENERGY CORP	9. Elevation 3974	

10. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
F	7	18S	35E		2160	N	1725	W	LEA

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

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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: 2/28/2008

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: 2/25/2008

Certificate Number: 3239

Permit Comments

Operator: MACK ENERGY CORP , 13837

Well: B LEE STATE #009

API: 30-025-38793

Created By	Comment	Comment Date
JWSHERRELL	H2S concentrations of wells in this area from surface to TD are low enough that a contingency plan is not required.	2/28/2008

Permit Conditions of Approval

Operator: MACK ENERGY CORP , 13837

Well: B LEE STATE #009

API: 30-025-38793

OCD Reviewer	Condition
DMULL	Mack Energy is out of compliance with Rule 40. Please check Financial Assurance Report.
DMULL	Mack Energy is now in compliance with Rule 40.
DMULL	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