

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Ave., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St Francis Dr., Santa Fe, NM
87505

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

Form C-101
Permit 2266

APPLICATION FOR PERMIT TO DRILL

Operator Name and Address MACK ENERGY CORP PO Box 960 Artesia, NM 88211-0960		OGRID Number 13837
		API Number 30-025-36932
Property Code 6149	Property Name MILLER BW STATE	Well No. 003

Surface Location

UL or Lot K	Section 3	Township 17S	Range 34E	Lot Idn K	Feet From 1840	N/S Line S	Feet From 2120	E/W Line W	County Lea
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Proposed Pools

VACUUM;ABO,NORTH 61760

Work Type New Well	Well Type OIL	Cable/Rotary	Lease Type State	Ground Level Elevation 4064
Multiple N	Proposed Depth 9000	Formation Abo	Contractor	Spud Date 11/02/2004

Proposed Casing and Cement Program

Type	Hole Size	Casing Size	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surf	17.5	13.375	48	300	300	0
Int1	12.25	8.625	32	2900	1200	0
Prod	7.875	5.5	17	9000	1600	0

Casing/Cement Program: Additional Comments

Mack Energy proposes to drill to 300, run 13 3/8 casing and cement. Drill to 2900, run 8 5/8 casing and cement. Drill to 9000 test Abo formation, run 5 1/2 casing and cement. Note: On production string a fluid caliper will be run and will figure cement with 25%, attempt to circulate.
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Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Double Ram	2000	2000	

I hereby certify that the information given above is true and complete to the best of my knowledge and belief.

Electronically Signed By: Jerry Sherrell

Title: Production Clerk

Date: 11/02/2004

Phone: 505-748-1288

OIL CONSERVATION DIVISION

Electronically Approved By: Paul Kautz

Title: Geologist

Approval Date: 11/04/2004

Expiration Date: 11/04/2005

Conditions of Approval:
No Conditions