Form C-101

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

APPLICATION FOR PERMIT TO DRILL

MACK ENERGY (Operator Name and Address	OGRID Number 13837
PO Box 960 Artesia, NM 8821	1-0960	API Number 30-025-36495
Property Code 23972	Property Name FEE MA B	Well No. 005

Surface Location

UL or Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
Н	31	17S	33E	Н	2310	N	330	Е	Lea

Proposed Pools

Work Type New Well	Well Type OIL	Cable/Rotary	Lease Type Private	Ground Level Elevation 3991
Multiple	Proposed Depth	Formation	Contractor	Spud Date
N	5600	Delaware		12/15/2003

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	350	0
Int1	12.25	8.625	32	2550	1100	0
Prod	7.875	5.5	17	5600	1150	0

Casing/Cement Program: Additional Comments

Mack Energy proposes to drill to 300 run 13 3/8 casing and cement. Drill to 1450 with fresh water system, then switch to a brine water system to 2550 set 8 5/8 casing and cement. Drill to 5600 test Delaware Zone, run 5 1/2 casing and cement. Put well on production. Note: On production string a fluid caliper will be run and will figure cement with 25% excess, attempt to circulate.

Proposed Blowout Prevention Program

Туре	Working Pressure	Test Pressure	Manufacturer
Double Ram	2000	2000	

I hereby certify that the information given above is true and	OIL CONSERVATION DIVISION			
complete to the best of my knowledge and belief.	Electronically Approved By: Paul Kautz			
Electronically Signed By: Jerry Sherrell	Title: Geologist			
Title: Production Clerk	Approval Date: 12/04/2003 Expiration Date: 12/04/2004			
Date: 12/03/2003 Phone: 505-748-1288	Conditions of Approval: No Conditions			

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Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-36495	Pool Name CORBIN;DELAWARE	Pool Code 13190
Property Code 23972	Property Name FEE MA B	Well No. 005
OGRID No. 13837	Operator Name MACK ENERGY CORP	Elevation 3991

Surface And Bottom Hole Location

UL or Lot H	Section 31	Township 17S	Range 33E	Lot Idn H	Feet From 2310	N/S Line N	Feet From 330	E/W Line E	County Lea
Dedicat	ed Acres ()	Joint or	Infill	Consoli	dation Code		Order	No.	

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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.

Electronically Signed By: Jerry Sherrell

Title: Production Clerk Date: 12/03/2003

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: Gary Eidson Date of Survey: 11/07/2003 Certificate Number: 12641