

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

APPLICATION FOR PERMIT TO DRILL

Operator Name and Address MACK ENERGY CORP PO Box 960 Artesia, NM 88211-0960		OGRID Number 13837
		API Number 30-025-36494
Property Code 23972	Property Name FEE MA B	Well No. 004

Surface Location

UL or Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
H	31	17S	33E	H	1650	N	990	E	Lea

Proposed Pools

CORBIN;DELAWARE 13190

Work Type New Well	Well Type OIL	Cable/Rotary	Lease Type Private	Ground Level Elevation 3989
Multiple N	Proposed Depth 5600	Formation Delaware	Contractor	Spud Date 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 set 13 3/8 casing and cement. Drill to 1450 with fresh water system, then switch to a brine water system and drill to 2550 set 8 5/8 casing and cement. Drill to 5600 and test Delaware Zone, run 5 1/2 casing and cement. Put on production. Note: On production string an fluid caliper will be run and will figure cement with 25% excess, 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: 12/03/2003	Phone: 505-748-1288

OIL CONSERVATION DIVISION	
Electronically Approved By: Paul Kautz	
Title: Geologist	
Approval Date: 12/04/2003	Expiration Date: 12/04/2004
Conditions of Approval: No Conditions	

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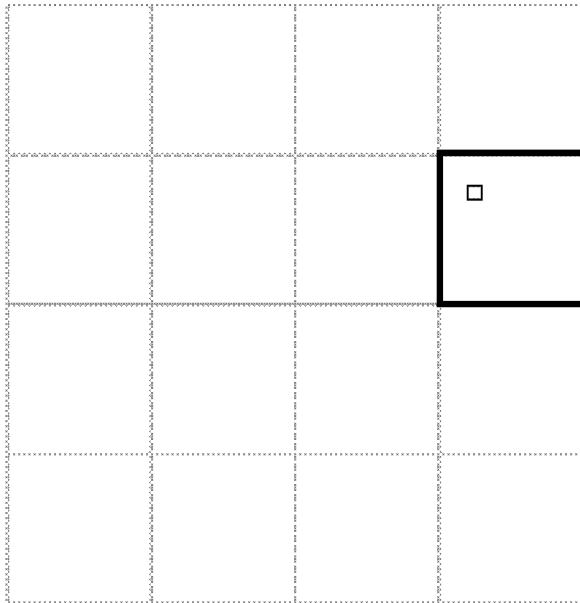
Form C-102

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-36494	Pool Name CORBIN;DELAWARE	Pool Code 13190
Property Code 23972	Property Name FEE MA B	Well No. 004
OGRID No. 13837	Operator Name MACK ENERGY CORP	Elevation 3989

Surface And Bottom Hole Location

UL or Lot H	Section 31	Township 17S	Range 33E	Lot Idn H	Feet From 1650	N/S Line N	Feet From 990	E/W Line E	County Lea
Dedicated Acres 40		Joint or Infill		Consolidation Code		Order No.			



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