

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 1049

**APPLICATION FOR PERMIT TO DRILL**

Operator Name and Address		OGRID Number 13837
MACK ENERGY CORP PO Box 960 Artesia, NM 88211-0960		API Number 30-015-33443
Property Code 34030	Property Name PECAN STATE COM	Well No. 001

**Surface Location**

UL or Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
J	16	17S	30E	J	1350	S	1980	E	Eddy

**Proposed Pools**

Morrow
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Work Type New Well	Well Type GAS	Cable/Rotary	Lease Type State	Ground Level Elevation 3675
Multiple N	Proposed Depth 11400	Formation Morrow	Contractor	Spud Date 06/15/2004

**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	400	500	0
Intl	12.25	9.625	32	4825	1800	0
Prod	7.875	5.5	17	11400	3000	1500

**Casing/Cement Program: Additional Comments**

Mack Energy proposes to drill to 400, run 13 3/8 casing and cement. Drill to 4825, run 9 5/8 casing and cement. Drill to 11,400 test Morrow zone. Put well on production. Note: On production string a fluid caliper will be run and will figure cement to tie back to 9 5/8 casing.

**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

**OIL CONSERVATION DIVISION**

Electronically Approved By: Bryan Arrant

Title: Geologist