

District I  
1625 N. French Dr., Hobbs, NM 88240

State of New Mexico

Form C-101

Permit 949

District II  
1301 W. Grand Ave., Artesia, NM 88210

Energy, Minerals and Natural Resources

District III  
1000 Rio Brazos Rd., Aztec, NM 87410

Oil Conservation Division

District IV  
1220 S. St Francis Dr., Santa Fe, NM  
87505

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Santa Fe, NM 87505

### APPLICATION FOR PERMIT TO DRILL

Operator Name and Address		OGRID Number
MACK ENERGY CORP PO Box 960 Artesia, NM 88211-0960		13837
		API Number
		30-015-33407
Property Code	Property Name	Well No.
33980	BOA STATE COM	001

### Surface Location

UL or Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
D	36	19S	23E	D	660	N	660	W	Eddy

### Proposed Pools

SIEGREST DRAW, WOLFCAMP (GAS) 85385

Work Type	Well Type	Cable/Rotary	Lease Type	Ground Level Elevation
New Well	GAS		State	3896
Multiple	Proposed Depth	Formation	Contractor	Spud Date
N	7000	Cisco		05/20/2004

### Proposed Casing and Cement Program

Type	Hole Size	Casing Size	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surf	12.25	8.625	24	1300	400	0
Prod	7.875	4.5	10.5	7000	1300	0

### Casing/Cement Program: Additional Comments

Mack Energy proposes to drill to 1300 run 8 5/8 casing and cement. Drill to 7000 test Wolfcamp Zone, run 4 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

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

### OIL CONSERVATION DIVISION

Electronically Approved By: Bryan Arrant

Title: Geologist

Approval Date: 05/11/2004 Expiration Date: 05/11/2005