

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 12522

APPLICATION FOR PERMIT TO DRILL

Operator Name and Address MACK ENERGY CORP PO Box 960 Artesia, NM 88211-0960		OGRID Number 13837
		API Number 30-015-34165
Property Code 34890	Property Name BRAZOS STATE	Well No. 001

Surface Location

UL or Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
D	18	18S	24E	1	660	N	660	W	Eddy

Bottom Holes

Pool: WILDCAT,ABO (GAS) 96048									
UL or Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
M	18	18S	24E	4	660	S	660	W	Eddy

Work Type New Well	Well Type GAS	Cable/Rotary	Lease Type State	Ground Level Elevation 3855
Multiple N	Proposed Depth 5200	Formation Abo Formation	Contractor	Spud Date 06/30/2005

Proposed Casing and Cement Program

Type	Hole Size	Casing Size	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surf	12.25	9.625	36	1200	1200	0
Prod	8.75	7	26	5200	750	0

Casing/Cement Program: Additional Comments

Mack Energy proposes to drill a 12 1/4 hole to 1200 run 9 5/8 casing and cement. Drill a 8 3/4 hole to 5200 run 7 casing and cement. Cut window in 7 casing drill horizontal to a BHL of 660 FSL & 660 FWL.

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: 06/20/2005

Phone: 505-748-1288

OIL CONSERVATION DIVISION

Electronically Approved By: Bryan Arrant

Title: Geologist

Approval Date: 06/24/2005

Expiration Date: 06/24/2006

Conditions of Approval:

There are conditions. See Attached.