

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 1143

APPLICATION FOR PERMIT TO DRILL

Operator Name and Address MACK ENERGY CORP PO Box 960 Artesia, NM 88211-0960		OGRID Number 13837
		API Number 30-025-36747
Property Code 29019	Property Name WILLIAMS FEE	Well No. 001

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	660	E	Lea

Proposed Pools

WILDCAT GRANITE 96542

Work Type New Well	Well Type GAS	Cable/Rotary	Lease Type Private	Ground Level Elevation 3998
Multiple N	Proposed Depth 16500	Formation Ellenburger	Contractor	Spud Date 06/28/2004

Proposed Casing and Cement Program

Type	Hole Size	Casing Size	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surf	26	20	133	300	350	
Int1	17.5	13.375	54.5	2800	1500	
Int2	12.25	9.625	47	11500	2750	
Liner1	7.875	5.5	17	16500	675	

Casing/Cement Program: Additional Comments

Mack Energy proposes to drill to 26 hole to 300, run 20 casing and cement. Drill 17 1/2 hole to 2800, run 13 3/8 casing and cement. Drill 12 1/4 hole to 11,500, run 9 5/8 casing and cement. Drill 7 7/8 hole to 16,500, run 5 1/2 liner from 11,500 to 16,500 and cement. NOTE: If loss of circulation is encountered we will run 7, 26# liner from 11,500 to 14,900.

Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Double Ram	3000	3000	

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: 06/25/2004

Phone: 505-748-1288

OIL CONSERVATION DIVISION

Electronically Approved By: Paul Kautz

Title: Geologist

Approval Date: 06/29/2004

Expiration Date: 06/29/2005

Conditions of Approval:

No Conditions