

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 Corportation PO Box 960 Artesia, NM 88211-0960		OGRID Number 13837
		API Number 30-25-36370
Property Code 32708	Property Name KG 35 State Com	Well No. 001

Surface Location

UL or Lot P	Section 35	Township 17S	Range 33E	Lot Idn	Feet From 660	N/S Line S	Feet From 660	E/W Line E	County Lea
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Proposed Pools

VACUUM;MORROW (GAS) 86840

Work Type New Well	Well Type Gas	Cable/Rotary	Lease Type State	Ground Level Elevation 4115
Multiple N	Proposed Depth 13800	Formation Morrow	Contractor	Spud Date 8/23/2003

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	500	400	0
Int1	12.25	9.625	40	5500	2000	0
Prod	8.75	5.5	17	13800	3500	0

Casing/Cement Program: Additional Comments

Mack Energy proposes to drill to 500, run 13 3/8 casing and cement. Drill to 5500, run 9 5/8 casing and cement. Drill to 13800 and test morrow zone, run 5 1/2 casing and cement, put well on production. Note: On production string 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	5000	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: 8/14/2003	Phone: 505-748-1288

OIL CONSERVATION DIVISION	
Electronically Approved By: Paul Kautz	
Title: Geologist	
Approval Date: 8/15/2003	Expiration Date: 8/15/2004
Conditions of Approval: There are conditions. See Attached.	

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Energy, Minerals and Natural Resources

Form C-102

Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-25-36370	Pool Name VACUUM;MORROW (GAS)	Pool Code 86840
Property Code 32708	Property Name KG 35 State Com	Well No. 001
OGRID No. 13837	Operator Name Mack Energy Corportation	Elevation 4115

Surface And Bottom Hole Location

UL or Lot P	Section 35	Township 17S	Range 33E	Lot Idn	Feet From 660	N/S Line S	Feet From 660	E/W Line E	County Lea
Dedicated Acres 320		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: 8/14/2003

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.

Electronically Signed By: Gary Eidson

Date of Survey: 8/4/2003

Certificate Number: 12641

APD Conditions Of Approval

Operator: 13837 Mack Energy Corportation

Well: KG 35 State Com 001

OCD Reviewer	Condition
PKAUTZ	If surface casing is set at a lesser depth than the top of the of the Rustler Fm., fresh water spud mud may be used to drill down to the first salt in the Rustler Fm. after which brine or fresh water may be used.