

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 30-15-32749
Property Code 32243	Property Name Safari 36 State Com	Well No. 001

Surface Location

UL or Lot P	Section 36	Township 17S	Range 31E	Lot Idn	Feet From 990	N/S Line S	Feet From 660	E/W Line E	County Eddy
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Proposed Pools

CEDAR LAKE;MORROW, EAST (GAS) 74605

Work Type New Well	Well Type Gas	Cable/Rotary	Lease Type State	Ground Level Elevation 3841
Multiple N	Proposed Depth 12900	Formation Morrow	Contractor	Spud Date 4/25/2003

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	800	450	0
Int1	11	8.625	32	4000	1200	0
Prod	7.875	5.5	17	12900	2800	0

Casing/Cement Program: Additional Comments

Mack Energy proposes to drill to 800, run 13 3/8 casing and cement. Drill to 4000, run 8 5/8 casing and cement. Drill to 12,900 and test Morrow zone, run 5 1/2 casing and cement. Put well on production. Note: On production string a fluid caliber 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	3000	3000	

I hereby certify that the information given above is true and complete to the best of my knowledge and belief.		OIL CONSERVATION DIVISION	
		Electronically Approved By: Bryan Arrant	
Electronically Signed By: Jerry Sherrell		Title: Geologist	
Title: Production Clerk		Approval Date: 4/16/2003	Expiration Date: 4/16/2004
Date: 4/15/2003	Phone: 505-748-1288	Conditions of Approval: No Conditions	

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Form C-102

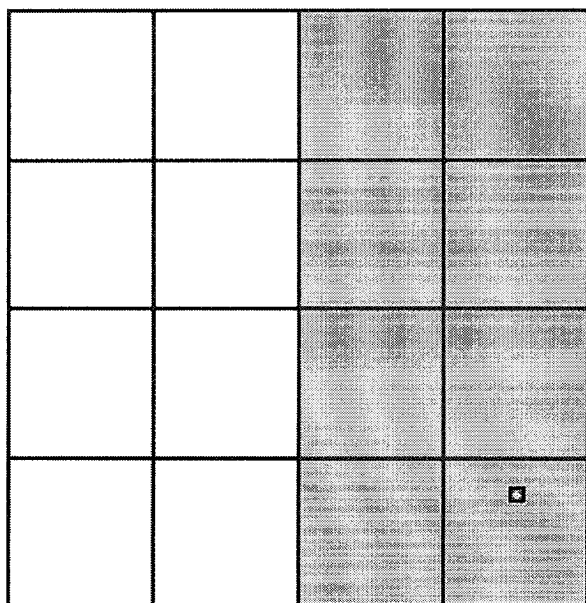
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-15-32749	Pool Name CEDAR LAKE;MORROW, EAST (GAS)	Pool Code 74605
Property Code 32243	Property Name Safari 36 State Com	Well No. 001
OGRID No. 13837	Operator Name Mack Energy Corporation	Elevation 3841

Surface And Bottom Hole Location

UL or Lot P	Section 36	Township 17S	Range 31E	Lot Idn	Feet From 990	N/S Line S	Feet From 660	E/W Line E	County Eddy
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: 4/15/2003

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: Ronald Eidson

Date of Survey: 4/10/2003

Certificate Number: 3239