

5

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 30-15-32750
Property Code 30734	Property Name TIGER STATE	Well No. 003

Surface Location

UL or Lot K	Section 8	Township 19S	Range 23E	Lot Idn	Feet From 2310	N/S Line S	Feet From 1780	E/W Line W	County Eddy
----------------	--------------	-----------------	--------------	---------	-------------------	---------------	-------------------	---------------	----------------

Proposed Pools

RUNYAN RANCH;MORROW (GAS) 84350

Work Type New Well	Well Type Gas	Cable/Rotary	Lease Type State	Ground Level Elevation 4001
Multiple N	Proposed Depth 8000	Formation Morrow	Contractor	Spud Date 4/20/2003

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	250	325	0
Int1	12.25	8.625	24	1700	850	0
Prod	7.875	4.5	17	8000	2100	0

Casing/Cement Program: Additional Comments

Mack Energy proposes to drill to 250, run 13 3/8 casing and cement. Drill to 1700, run 8 5/8 casing and cement. Drill to 8000 and test Morrow 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	3000	3000	

NSL-4856

I hereby certify that the information given above is true and complete to the best of my knowledge and belief.		OIL CONSERVATION DIVISION	
Electronically Signed By: Jerry Sherrell		Electronically Approved By: Bryan Arrant	
Title: Production Clerk		Title: Geologist	
Date: 4/15/2003		Approval Date: 4/16/2003	Expiration Date: 4/16/2004
Phone: 505-748-1288		Conditions of Approval: There are conditions. See Attached.	

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

Form C-102

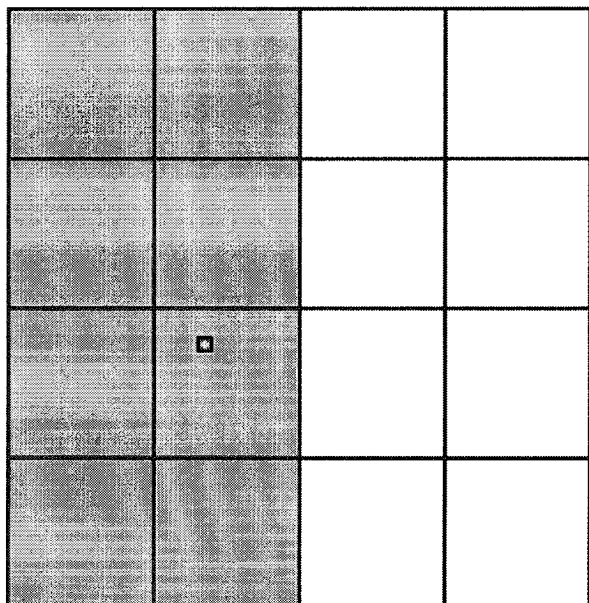
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-15-32750	Pool Name RUNYAN RANCH;MORROW (GAS)	Pool Code 84350
Property Code 30734	Property Name TIGER STATE	Well No. 003
OGRID No. 13837	Operator Name Mack Energy Corportation	Elevation 4001

Surface And Bottom Hole Location

UL or Lot K	Section 8	Township 19S	Range 23E	Lot Idn	Feet From 2310	N/S Line S	Feet From 1780	E/W Line W	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: 4/3/2003

Certificate Number: 3239

APD Conditions Of Approval

Operator: 13837 Mack Energy Corportation

Well: TIGER STATE 003

OCD Reviewer	Condition
BARRANT	Notify OCD spud and time to witness cementing of surface and intermediate casing.