# State of New Mexico

### Form C-101 Permit 16907

# **Energy, Minerals and Natural Resources**

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

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

1	Operator Name and Address  MACK ENERGY CORP  PO Box 960	2. OGRID Number 13837		
F	rtesia , NM 88211-0960	3. API Number 30-015-34383		
4. Property Code	5. Property Name	6. Well No.		
24662	RINCON STATE	008		

### 7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
J	20	17S	29E	J	2204	S	1650	E	EDDY

### 8. Pool Information

EMPIRE; YESO, EAST	96610
parii ii do, 1200, 24101	, , , , , , , , , , , , , , , , , , , ,

## **Additional Well Information**

9. Work Type New Well	10. We	ll Type IL	11. Cable/Rotary	12. Lease Type State	13. Ground Level Elevation 3609
14. Multiple 15. Proposed Depth N 4400			16. Formation Paddock	17. Contractor	18. Spud Date 10/28/2005
Depth to Ground water 110			Distance from nearest fresh water w > 1000	rell	Distance to nearest surface water > 1000
it: Liner: Synthetic 🔀 Closed Loop System	_	mils thick		Drilling Method: Fresh Water Brine	Diesel/Oil-based 🗆 Gas/Air 🗙

19. Proposed Casing and Cement Program

Туре	Hole Size	Casing Type	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surf	17.5	13.375	48	350	350	0
Int1	12.25	8.625	24	850	700	0
Prod	7.875	5.5	17	4400	1000	0

## Casing/Cement Program: Additional Comments

Mack Energy proposes to drill to 350', run 13 3/8 casing and cement. Drill to 850', run 8 5/8 casing and cement. Drill to 4400' test Yeso formation, run 5 1/2 casing and cement. Note: On production string a fluid caliper will be run and will figure cement with 25% excess, attempt to circulate.

Proposed Blowout Prevention Program

Туре	Working Pressure	Test Pressure	Manufacturer
DoubleRam	2000	2000	

of my knowledge and belief. I	tion given above is true and complete to the bes further certify that the drilling pit will be	OIL CONSERVATION DIVISION				
constructed according to NM an (attached) alternative OC	OCD guidelines 🔀, a general permit 🗀, or D-approved plan 🗀	Approved By: Bryan Arrant				
Printed Name: Electronic	ally filed by Jerry Sherrell	Title: Geologist				
Title: Production Clerk	30 00	Approved Date: 10/13/2005	Expiration Date: 10/13/2006			
Email Address: jerrys@n	nackenergycorp.com					
Date: 10/13/2005	Phone: 505-748-1288	Conditions of Approval Attack	hed			

District I

1625 N. French Dr., Hobbs, NM 88240 Phone:(505) 393-6161 Fax:(505) 393-0720

District II

1301 W. Grand Ave., Artesia, NM 88210 Phone:(505) 748-1283 Fax:(505) 748-9720

<u>District III</u>

1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

District IV

1220 S. St. Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462

# State of New Mexico

Form C-102 Permit 16907

# Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr.

Santa Fe, NM 87505

### WELL LOCATION AND ACREAGE DEDICATION PLAT

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1. API Number	2. Pool Code	3. Pool Name				
30-015-34383	96610	EMPIRE; YESO, EAST				
4. Property Code	5. Property No	me 6. Well No.				
24662	RINCON ST.	ATE 008				
7. OGRID No.	8. Operator No	me 9. Elevation				
13837	MACK ENERGY	MACK ENERGY CORP 3609				

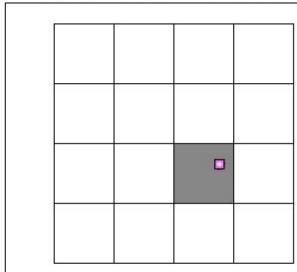
### 10. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
J	20	17S	29E	J	2204	S	1650	E	EDDY

#### 11 Rottom Hole Location If Different From Surface

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UL - Lot	Section	Township	Range	Lot 1	Idn	Feet From	N/S L	ine	Feet From	E/W Line	County
0.5000000000000000000000000000000000000	cated Acres	13.	Joint or Infill		14	. Consolidation (	Code			15. Order No.	

# NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION



## OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

E-Signed By: Jerry Sherrell Title: Production Clerk Date: 10/13/2005

# 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.

Surveyed By: Ronald Eidson Date of Survey: 9/26/2005 Certificate Number: 3239

# **Permit Comments**

Operator: MACK ENERGY CORP , 13837 Well: RINCON STATE #008

API: 30-015-34383

Created By	Comment	Comment Date
DWSHERRELL	H2S concentrations of wells in this area from surface to TD are low enough that a contingency plan is not required.	10/13/2005

# Permit Conditions of Approval

Operator: MACK ENERGY CORP , 13837 Well: RINCON STATE #008

API: 30-015-34383

OCD Reviewer	Condition
BArrant	As noted in APD, operator to drill surface hole with fresh water mud.
IHARRADT	Pit construction and closure must satisfy all requirements of your approved plan, O.C.D. Rule 19.15.2.50, and the Pit and Below-Grade Tank Guidelines