

**State of New Mexico**  
**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 Artesia, NM 88211-0960		2. OGRID Number 13837
		3. API Number 30-015-34383
4. Property Code 24662	5. Property Name RINCON STATE	6. Well No. 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
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**Additional Well Information**

9. Work Type New Well	10. Well Type OIL	11. Cable/Rotary	12. Lease Type State	13. Ground Level Elevation 3609
14. Multiple N	15. Proposed Depth 4400	16. Formation Paddock	17. Contractor	18. Spud Date 10/28/2005
Depth to Ground water 110		Distance from nearest fresh water well > 1000		Distance to nearest surface water > 1000
Pit: Liner: Synthetic <input checked="" type="checkbox"/> 12 _____ miles thick Clay <input type="checkbox"/> Pit Volume: 2000 _____ bbls Drilling Method: Closed Loop System <input type="checkbox"/> Fresh Water <input type="checkbox"/> Brine <input type="checkbox"/> Diesel/Oil-based <input type="checkbox"/> Gas/Air <input checked="" type="checkbox"/>				

**19. Proposed Casing and Cement Program**

Type	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**

Type	Working Pressure	Test Pressure	Manufacturer
DoubleRam	2000	2000	

I hereby certify that the information given above is true and complete to the best of my knowledge and belief. <b>I further certify that the drilling pit will be constructed according to NMOCB guidelines</b> <input checked="" type="checkbox"/> <b>a general permit</b> <input type="checkbox"/> <b>, or an (attached) alternative OCB-approved plan</b> <input type="checkbox"/> .	<b>OIL CONSERVATION DIVISION</b>	
Printed Name: Electronically filed by Jerry Sherrell	Approved By: Bryan Arrant	
Title: Production Clerk	Title: Geologist	
Email Address: jerrys@mackenergycorp.com	Approved Date: 10/13/2005      Expiration Date: 10/13/2006	
Date: 10/13/2005      Phone: 505-748-1288	Conditions of Approval Attached	

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  
District III  
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  
Energy, Minerals and Natural Resources

Form C-102  
Permit 16907

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

WELL LOCATION AND ACREAGE DEDICATION PLAT

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




10. Surface Location

UL - Lot J	Section 20	Township 17S	Range 29E	Lot Idn J	Feet From 2204	N/S Line S	Feet From 1650	E/W Line E	County EDDY
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11. Bottom Hole Location If Different From Surface

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
12. Dedicated Acres 40.00	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

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## Permit Comments

Operator: MACK ENERGY CORP , 13837

Well: RINCON STATE #008

API: 30-015-34383

Created By	Comment	Comment Date
JWSHERRELL	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.
BArrant	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