

## 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		2. OGRID Number 13837
		3. API Number 30-025-39238
4. Property Code 36605	5. Property Name BOYZ FEE	6. Well No. 004

## 7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
M	19	18S	37E	4	200	S	330	W	LEA

## 8. Pool Information

GOODWIN:DRINKARD	28390
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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 3749
14. Multiple N	15. Proposed Depth 7500	16. Formation Drinkard	17. Contractor	18. Spud Date 11/28/2008
Depth to Ground water		Distance from nearest fresh water well		Distance to nearest surface water
Pit Liner: Synthetic <input type="checkbox"/>	mils thick	Clay <input type="checkbox"/>	Pit Volume:	bbls Drilling Method: Fresh Water <input checked="" type="checkbox"/> Brine <input type="checkbox"/> Diesel/Oil-based <input type="checkbox"/> Gas/Air <input type="checkbox"/>
Closed Loop System <input type="checkbox"/>				

## 19. Proposed Casing and Cement Program

Type	Hole Size	Casing Type	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surf	12.25	8.625	24	1650	700	0
Prod	7.875	5.5	17	7500	1500	0

**Casing/Cement Program: Additional Comments**

Mack Energy proposes to drill a 12 1/4 hole to 1650' run 8 5/8 casing and cement. Drill a 7 7/8 hole to 7500' test drinkard formation, run 5 1/2 casing and cement.

### Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
DoubleRam	3000	3000	

I hereby certify that the information given above is true and complete to the best of my knowledge and belief. I further certify that the drilling pit will be constructed according to NMOCD guidelines <input type="checkbox"/> a general permit <input type="checkbox"/> or an (attached) alternative OCD-approved plan <input type="checkbox"/> .	OIL CONSERVATION DIVISION	
	Approved By: Paul Kautz	
Printed Name: Electronically filed by Jerry Sherrell	Title: Geologist	
Title: Production Clerk	Approved Date: 11/6/2008	Expiration Date: 11/6/2010
Email Address: jerrys@mackenergycorp.com		
Date: 10/30/2008	Phone: 505-748-1288	

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

Form C-102  
 Permit 84312

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

1. API Number 30-025-39238	2. Pool Code 28390	3. Pool Name GOODWIN,DRINKARD
4. Property Code 36605	5. Property Name BOYZ FEE	6. Well No. 004
7. OGRID No. 13837	8. Operator Name MACK ENERGY CORP	9. Elevation 3749

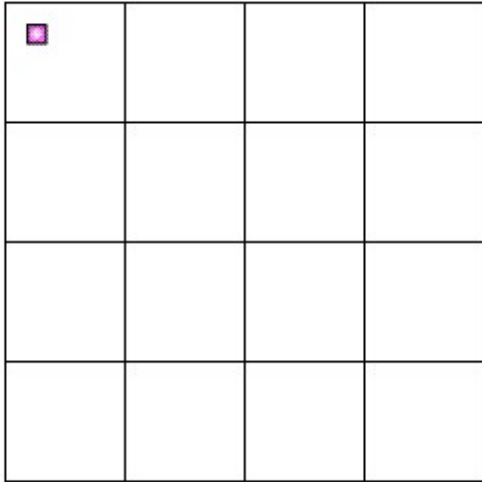
**10. Surface Location**

UL - Lot M	Section 19	Township 18S	Range 37E	Lot Idn 4	Feet From 200	N/S Line S	Feet From 330	E/W Line W	County LEA
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**11. Bottom Hole Location If Different From Surface**

UL - Lot D	Section 30	Township 18S	Range 37E	Lot Idn 1	Feet From 330	N/S Line N	Feet From 335	E/W Line W	County LEA
12. Dedicated Acres 39.91		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**

	<b>OPERATOR CERTIFICATION</b>	
	<i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location(s) or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</i>	
	E-Signed By: Jerry Sherrell Title: Production Clerk Date: 10/30/2008	
	<b>SURVEYOR CERTIFICATION</b>	
<i>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.</i>		
Surveyed By: Ronald Eidson Date of Survey: 10/23/2008 Certificate Number: 3239		

## Permit Comments

Operator: MACK ENERGY CORP , 13837

Well: BOYZ FEE #004

API: 30-025-39238

Created By	Comment	Comment Date
DWEAVER	H2S Concentrations of wells in this area from surface to TD are low enough that a contingency plan is not required.	10/30/2008
DMULL	OCD received form C-102 "Well Location and Acreage Dedication Plat".	11/5/2008
DMULL	OCD has received form C-144 "pit Registration". OCD Permit Number P1-00635.	11/5/2008