# State of New Mexico

Form C-101 Permit 68514

# **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

PATE DESCRIPTION OF TERMINE TO BRIDE, RE ENTER, BELLEN, TEODERICK, OR TEOTIE						
	1. Operator Name and Address	2. OGRID Number				
	13837					
	PO BOX 960 ARTESIA , NM 88211	3. API Number				
	ACTESIA, NW 60211	30-05-64005				
4. Property Code	5. Property Name	6. Well No.				
36691	FALCON STATE	003				

## 7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
F	16	14S	29E	F	1675	N	2310	W	CHAVES

## 8. Pool Information

Wildcat;Strawn 0

# **Additional Well Information**

	951	TRANSPORT TO THOU	dittori.	17.6	
9. Work Type New Well	10. Well Type OIL	11. Cable/Rotary	12. Lease Type State	13. Ground Level Elevation 3710	
14. Militiple N	15. Proposed Depth	16. Formation Strawn	17. Contractor	18. Spud Date 2/5/2008	
Depth to Ground 60	water	Distance from nearest fresh water	well	Distance to nearest surface water	
: Liner: Synthetic Closed Loop System	mils thick	Clay Pit Volume: bbls		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	325	300	0
Int1	12.25	8.625	32	2300	1200	0
Prod	7.875	5.5	17	8800	2000	0

# Casing/Cement Program: Additional Comments

Mack Energy Corporation proposes to drill a 17 1/2 hole to 325', run 13 3/8 casing and cement. Drill a 12 1/4 hole to 2300', run 8 5/8 casing and cement. Drill a 7 7/8 hole to 8800' test strawn formation, run 5 1/2 casing and cement. Note: On production string a hole caliper will be run and will figure cement with excess, attempt to circulate.

Proposed Blowout Prevention Program

Туре	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	OIL CONSERVATION DIVISION				
NMOCD guidelines , a general permit , or an (attached) alternative OCD-approved plan .	Approved By: Bryan Arrant				
Printed Name: Electronically filed by Jerry Sherrell	Title: Geologist				
Title: Production Clerk	Approved Date: 1/30/2008 Expiration Date: 1/30/2010				
Email Address: jerrys@mackenergycorp.com					
Date: 1/29/2008 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

Form C-102 Permit 68514

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

Santa Fe, NM 87505

### WELL LOCATION AND ACREAGE DEDICATION PLAT

1. API Number	2. Pool Code	3. Pool Name
30-05-64005	2.1001000	Wildcat;Strawn
4. Property Code	5. Property Naz	ne 6. Well No.
36691	FALCON STA	TE 003
7. OGRID No.	8. Operator Naz	ne 9. Elevation
13837	MACK ENERGY CORP 3710	

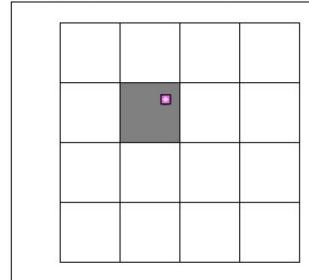
### 10. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
F	16	14S	29E		1675	И	2310	w	CHAVES

#### 11. Bottom Hole Location If Different From Surface

UL - Lot	Section	Township	Range	Lot	Idn	Feet From	N/S L	ine	Feet From	E/W Line	County
0.500	ated 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, 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.

E-Signed By: Jerry Sherrell Title: Production Clerk Date: 1/29/2008

### 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: 1/29/2008 Certificate Number: 3239

# **Permit Comments**

Operator: MACK ENERGY CORP, 13837 Well: FALCON STATE #003

30-05-64005 API:

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.	1/29/2008

# Permit Conditions of Approval

Operator: MACK ENERGY CORP , 13837 Well: FALCON STATE #003

API: 30-05-64005

OCD Reviewer	Condition
IH Arrant	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
BArrant	As noted, operator to drill surface hole wyfresh water mud.