

1. Operator Name and Address MACK ENERGY CORP PO BOX 960 ARTESIA , NM 88211		2. OGRID Number 13837
		3. API Number 30-025-39093
4. Property Code 37331	5. Property Name JUPITER STATE	6. Well No. 001

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
L	33	13S	34E	L	1980	S	660	W	LEA

CERCA:UPPER PENN	11810
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9. Work Type New Well	10. Well Type OIL	11. Cable/Rotary	12. Lease Type State	13. Ground Level Elevation 4151	
14. Multiple N	15. Proposed Depth 11000	16. Formation Pennsylvanian	17. Contractor	18. Spud Date 8/26/2008	
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"/>					

Type	Hole Size	Casing Type	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surf	17.5	13.375	48	400	400	0
Int1	12.25	8.625	32	4400	1800	0
Prod	7.875	5.5	17	11000	2000	0

Mack Energy proposes to drill a 17 1/2" hole to 400', run 13 3/8" casing and cement. Drill a 12 1/4" hole to 4400', run 8 5/8" casing and cement. Drill a 7 7/8" hole to 11,000' test Penn formation, run 5 1/2" casing and cement. Note: On production string a hole caliper will be run and cement will be figured with 25% excess, attempt to circulate.

Type	Working Pressure	Test Pressure	Manufacturer
DoubleRam	3000	3000	

Date: 8/19/2008	Phone: 505-748-1288
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**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 80647

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

1. API Number 30-025-39093	2. Pool Code 11810	3. Pool Name CERCA,UPPER PENN
4. Property Code 37331	5. Property Name JUPITER STATE	6. Well No. 001
7. OGRID No. 13837	8. Operator Name MACK ENERGY CORP	9. Elevation 4151

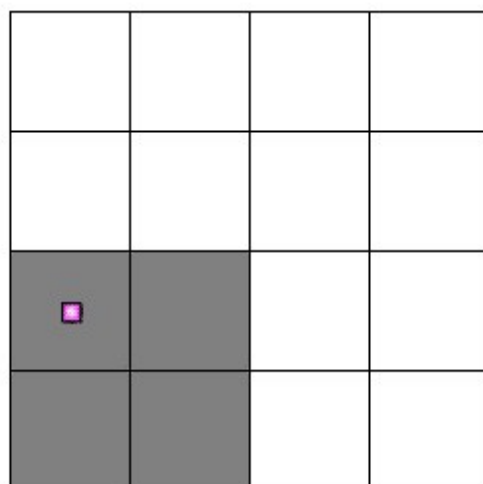
**10. Surface Location**

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
L	33	13S	34E		1980	S	660	W	LEA

**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 160.00		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**



**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: 8/19/2008

**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: 8/11/2008  
 Certificate Number: 3239

## Permit Comments

Operator: MACK ENERGY CORP , 13837

Well: JUPITER STATE #001

API: 30-025-39093

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.	8/19/2008
DMULL	Received form C-144 "Pit Registration". OCD Permit Number P1-00326.	8/22/2008