

**New Mexico Oil Conservation Division, District I**  
 UNITED STATES OF AMERICA  
 DEPARTMENT OF THE INTERIOR  
 BUREAU OF LAND MANAGEMENT  
 1625 N. French Drive  
 Hobbs, NM 88240

FORM APPROVED  
 Budget Bureau No. 1004-0135  
 Expires: March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.  
 Use "APPLICATION FOR PERMIT—" for such proposals

*SUBMIT IN TRIPLICATE*

1 Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other	7 If Unit or CA, Agreement Designation
2 Name of Operator <p align="center">Mack Energy Corporation</p>	8 Well Name and No. <p align="center">Leopard Federal #1</p>
3 Address and Telephone No. <p align="center">P.O. Box 960, Artesia, NM 88211-0960      (505)748-1288</p>	9 API Well No. <p align="center">30-025-36601</p>
4 Location of Well (Footage, Sec., T. R., M. or Survey Description) <p align="center">2310 FNL &amp; 1650 FWL, Sec. 34-T17S-R32E, F</p>	10 Field and Pool, or Exploratory Area <p align="center">Maljamar Graburg-San Andres</p>
	11 County or Parish, State <p align="center">Lea, NM</p>

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input checked="" type="checkbox"/> Notice of Intent	<input checked="" type="checkbox"/> Abandonment
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input type="checkbox"/> Other _____
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13 Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work )\*

1. Notify BLM 24 hours prior to starting plugging operations.
2. Set CIBP @ 4248' above perfs @ 4348' w/35' cement cap.
3. Circ hole with mud gel.
4. Set 35 sx cement plug from 2418-2318' 50' above and below 8 5/8" shoe.
5. Set 35 sx cement plug from 370-270' 50' above and below 13 3/8" shoe.
6. Set 10 sx plug from 60' to surface.
7. Install dry hole marker.



14. I hereby certify that the foregoing is true and correct

Signed <u>Jerry W. Sherrill</u>	Title <u>Production Clerk</u>	Date <u>11/7/2005</u>
<small>(This space for Federal or State office use)</small>		
Approved by <u>DAVID R. GLASS</u>	Title <u>PETROLEUM ENGINEER</u>	Date <u>NOV 08 2005</u>
Conditions of approval, if any:		

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

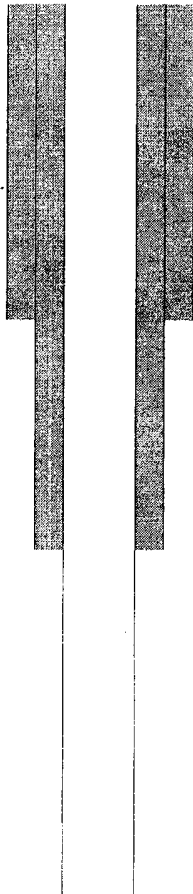
**SEE ATTACHED FOR  
 CONDITIONS OF APPROVAL**

\*See Instruction on Reverse Side

GWW

MACK ENERGY CORPORATION  
 Leopard Federal #1  
 Sec 34 T17S R32E 2310'FNL 1650'FWL

BEFORE



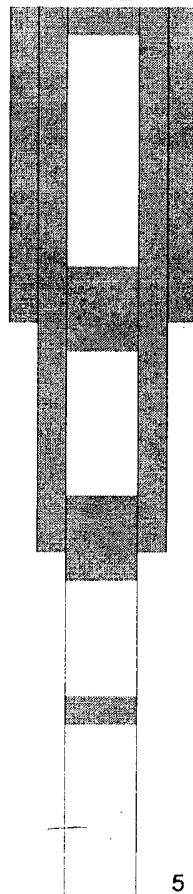
13 3/8" 48# @ 320' Circ Cmt

8 5/8" 24# @ 2368' Circ Cmt

Perfs 4348'4465'

5 1/2" 15.5# @ 5354' Circ Cmt

AFTER



10sk plug surface

13 3/8" 48# @ 320' Circ Cmt

8 5/8" 24# @ 2368' Circ Cmt

Set CIBP 4248' W/35'cmt cap

Perfs 4348'4465'

5 1/2" 15.5# @ 5354' Circ Cmt

- 1 Notify BLM 24hrs of plugging
- 2 Set CIBP @4248' w/35'cmt cap above perfs at 4348' and circ hole with mud
- 3 Set 35 sk cmt plug 50' above and below csg 8 5/8" From 2418'-2318'
- 4 Set 35 sk cmt plug 50' above and below 13 3/8" csg from 370-270'
- 5 Set 10sk surface plug
- 6 Install dry hole marker