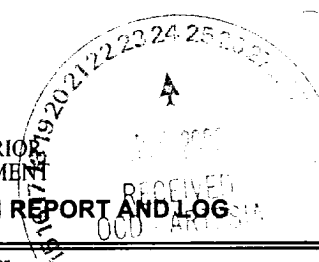


UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires: November 30, 2000

WELL COMPLETION OR RECOMPLETION REPORT AND LOG



CISF

1a. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other		5. Lease Serial No. NMNM29269	
b. Type of Completion <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Diff. Resvr. Other _____		6. If Indian, Allottee or Tribe Name	
2. Name of Operator MACK ENERGY CORPORATION		7. Unit or CA Agreement Name and No.	
Contact: ROBERT CHASE E-Mail: jerrys@mackenergycorp.com		8. Lease Name and Well No. NAVAHO FEDERAL 6	
3. Address P O BOX 960 ARTESIA, NM 88211-0960		9. API Well No. 30-015-32378-00-S1	
3a. Phone No. (include area code) Ph: 505.748.1288		10. Field and Pool, or Exploratory EMPIRE-YESO	
4. Location of Well (Report location clearly and in accordance with Federal requirements)* Sec 30 T17S R29E Mer NMP At surface NWSE 2445FSL 1650FEL At top prod interval reported below At total depth		11. Sec., T., R., M., or Block and Survey or Area Sec 30 T17S R29E Mer NMP	
14. Date Spudded 11/15/2002		15. Date T.D. Reached 11/27/2002	
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 12/11/2002		17. Elevations (DF, KB, RT, GL)* 3646 GL	
18. Total Depth: MD 4420 TVD		19. Plug Back T.D.: MD 4399 TVD	
20. Depth Bridge Plug Set: MD TVD		21. Type Electric & Other Mechanical Logs Run (Submit copy of each) GR N D L SGR	
22. Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis)		Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis)	
Directional Survey? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes (Submit analysis)			

UT. J

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17.500	13.375 J-55	48.0	0	351		350		0	0
12.250	8.625 J-55	24.0	0	951		500		0	0
7.875	5.500 J-55	17.0	0	4412		900		0	0

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2.875	4316							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) PADDOCK	3960	4280	3960 TO 4280	0.410	86	
B)						
C)						
D)						

26. Perforation Record

Depth Interval	Amount and Type of Material
3960 TO 4280	2500 GALS 15% NEFE, 21,000 GALS 20% HCL, 38,472 GA

ACCEPTED FOR RECORD
JAN 23 2003
ALEXIS C. SWOBODA
PETROLEUM ENGINEER

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
12/14/2002	01/02/2003	24	→	52.0	36.0	75.0	39.0		ELECTRIC PUMPING UNIT
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
SI		32.0	→	52	36	75	692	POW	

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
SI			→						

(See Instructions and spaces for additional data on reverse side)
ELECTRONIC SUBMISSION #17013 VERIFIED BY THE BLM WELL INFORMATION SYSTEM
** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED **

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	

29. Disposition of Gas(Sold, used for fuel, vented, etc.)
SOLD

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof. Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
PADDOCK	3960	4280		YATES SEVEN RIVERS QUEEN SAN ANDRES GLORIETA	788 1080 1692 2420 3880

32. Additional remarks (include plugging procedure):
NO REMARK PROVIDED

33. Circle enclosed attachments:

- 1. Electrical/Mechanical Logs (1 full set req'd.)
- 2. Geologic Report
- 3. DST Report
- 4. Directional Survey
- 5. Sundry Notice for plugging and cement verification
- 6. Core Analysis
- 7. Other:

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions):

**Electronic Submission #17013 Verified by the BLM Well Information System.
For MACK ENERGY CORPORATION, sent to the Carlsbad
Committed to AFMSS for processing by Armando Lopez on 01/23/2003 (03AL0110SE)**

Name (please print) JERRY SHERRELL Title PRODUCTION CLERK

Signature _____ (Electronic Submission) Date 01/23/2003

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make 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.

**** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ****

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

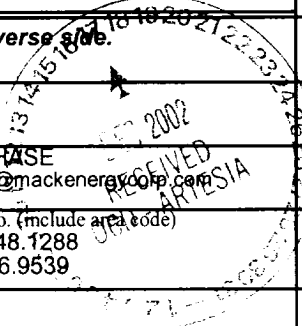
FORM APPROVED
OMB NO. 1004-0135
Expires: November 30, 2000

C/SF

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. NMMN29269	
2. Name of Operator MACK ENERGY CORPORATION		6. If Indian, Allottee or Tribe Name	
3a. Address P O BOX 960 ARTESIA, NM 88211-0960		7. If Unit or CA/Agreement, Name and/or No.	
3b. Phone No. (include area code) Ph: 505.748.1288 Fx: 505.746.9539		8. Well Name and No. NAVAHO FEDERAL 6	
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 30 T17S R29E NWSE 2445FSL 1650FEL UT. J		9. API Well No. 30-015-32378-00-X1	
		10. Field and Pool, or Exploratory EMPIRE-YESO	
		11. County or Parish, and State EDDY COUNTY, NM	



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

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Deepen
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Fracture Treat
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Plug and Abandon
	<input type="checkbox"/> Plug Back
	<input type="checkbox"/> Production (Start/Resume)
	<input type="checkbox"/> Reclamation
	<input type="checkbox"/> Recomplete
	<input type="checkbox"/> Temporarily Abandon
	<input type="checkbox"/> Water Disposal
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Well Integrity
	<input checked="" type="checkbox"/> Other Well Spud

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompletable horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletable in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

11/15/2002 Spud 17 1/2" hole.
11/16/2002 TD 17 1/2" hole @ 353', RIH w/13 3/8" 48# J-55 8 joints set @ 351', Cemented w/350 sx Class C, 2% CC, plug down 5:30 AM, circ 10 sx. WOC 18 hours tested casing to 1800# for 30 minutes, held OK.
11/17/2002 TD 12 1/4" hole @ 952', RIH w/8 5/8" 24# ST&C J-55 21 joints set @ 951', Cemented w/300 sx 35-65 BJ Lite, 6% gel, 6# salt, tail in w/200 sx Class C, 2% CC, plug down 8:00 AM, circ 57 sx (Witness by BLM). WOC 12 hours tested casing to 600# for 20 minutes, held OK.
11/27/2002 TD 7 7/8" hole 2:00 AM @ 4420', log well, RIH w/5 1/2" 17# J-55 LT&C 100 joints set @ 4412', Cemented 1st stage w/150 sx 50-50 Poz C, 2% gel, plug down 1:30 AM 11/28/02, circ 25 sx, 2nd stage w/500 sx 35-65 BJ Lite, tail in w/250 sx 50-50 Poz, 2% gel, plug down 7:30 AM, circ 81 sx. WOC 12 hours tested casing to 600# for 20 minutes, held OK.

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

**Electronic Submission #16585 verified by the BLM Well Information System
For MACK ENERGY CORPORATION, sent to the Carlsbad
Committed to AFMSS for processing by Armando Lopez on 12/13/2002 (03AL0074SE)**

Name (Printed/Typed) JERRY SHERRELL	Title PRODUCTION CLERK
Signature (Electronic Submission)	Date 12/12/2002

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By ACCEPTED	LES BABYAK Title PETROLEUM ENGINEER	Date 12/13/2002
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.		Office Carlsbad

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make 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.

**** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ****



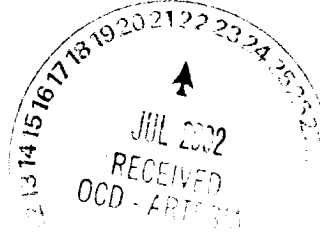
NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

GARY E. JOHNSON
Governor
BETTY RIVERA
Cabinet Secretary

Lori Wrotenbery
Director
Oil Conservation Division

July 15, 2002

Mack Energy Corporation
P. O. Box 960
Artesia, New Mexico 88211-0960
Attention: **Crissa D. Carter**
ccarter@pvtnetworks.net



Telefax No. (505) 746-9539

Administrative Order NSL-4406-A (SD)

Dear Ms. Carter:

Reference is made to the following: (i) your application (*application reference No. pKRV0-217150722*) that was submitted to the New Mexico Oil Conservation Division ("Division") on June 20, 2002; (ii) the Division's initial response by letter from Mr. Michael E. Stogner, Engineer/Chief Hearing Officer in Santa Fe dated June 21, 2002 with questions and concerns regarding notification; (iii) your response by telefax of July 9, 2002 with the required information necessary to complete the application; and (iv) the Division's records in Santa Fe and Artesia: all concerning: all concerning Mack Energy Corporation's ("Mack Energy") request for an unorthodox infill oil well location within an existing standard 40-acre oil spacing and proration unit comprising the NE/4 SE/4 (Unit J) of Section 30, Township 17 South, Range 29 East, NMPM, Empire-Yeso Pool (96210), Eddy County, New Mexico.

This 40-acre unit is currently dedicated to the following described Mack Energy operated wells:

- (i) Navaho Federal Well No. 2 (API No. 30-015-30839), located at an unorthodox oil well location (approved by Division Administrative Order NSL-4406, dated February 14, 2000) 1550 feet from the South line and 1500 feet from the East line of Section 30; and
- (ii) Navaho Federal Well No. 4 (API No. 30-015-31094), located at a standard oil well location 2141 feet from the South line and 2188 feet from the East line of Section 30.

This application has been duly filed under the provisions of Division Rule 104.F, revised by Division Order No. R-11231, issued by the New Mexico Oil Conservation Commission in Case No. 12119 on August 12, 1999.

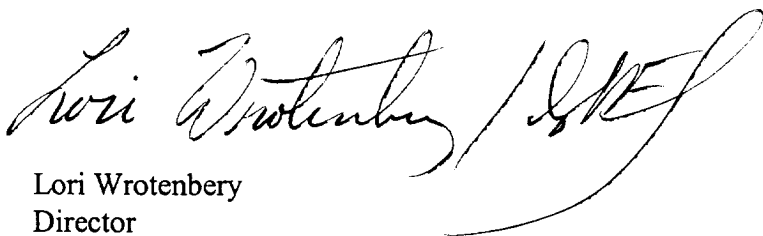
Administrative Order NSL-4406-A(SD)
Mack Energy Corporation
July 15, 2002
Page 2

By the authority granted me under the provisions of Division Rule 104.F (2), the following described well to be drilled at an unorthodox infill oil well location for the Empire-Yeso Pool within the NE/4 SE/4 of Section 30 is hereby approved:

**Navaho Federal Well No. 6
2445' FSL & 1650' FEL.**

Further, the existing Navaho Federal Wells No. 2 and 4 and the proposed Navaho Federal Well No. 6 are to be simultaneously dedicated to the subject 40-acre unit.

Sincerely

A handwritten signature in cursive script, appearing to read "Lori Wrotenberg". The signature is written in black ink and is positioned above the typed name and title.

Lori Wrotenberg
Director

cc: New Mexico Oil Conservation Division - Artesia
U. S. Bureau of Land Management - Carlsbad
File: NSL-4406