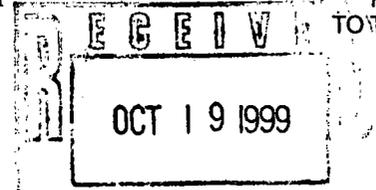


District I - (505) 393-6161  
1625 N. French Dr  
Hobbs, NM 88241-1980  
District II - (505) 748-1283  
811 S. First  
Artesia, NM 88210  
District III - (505) 334-6178  
1000 Rio Brazos Road  
Aztec, NM 87410  
District IV - (505) 827-7131

New Mexico  
Energy Minerals and Natural Resources Department  
Oil Conservation Division  
2040 South Pacheco Street  
Santa Fe, New Mexico 87505  
(505) 827-7131

SUBMIT ORIGINAL  
PLUS 2 COPIES  
TO THE SANTA FE  
OFFICE



APPLICATION FOR NEW WELL STATUS OIL CONSERVATION DIVISION

I. Operator and Well

Operator name & address Mack Energy Corporation P.O. Box 960 Artesia, NM 88211-0960						OGRID Number 013837			
Contact Party Robert C. Chase						Phone (505)748-1288			
Property Name Jenkins B Federal						Well Number 10		API Number 30-015-30668	
UL C	Section 20	Township 17S	Range 30E	Feet From The 850	North/South Line North	Feet From The 2310	East/West Line West	County Eddy, NM	

II. Date/Time Information

Spud Date 8/3/99	Spud Time 2:00 pm	Date Completed 8/27/99	Pool Loco Hills Paddock
---------------------	----------------------	---------------------------	----------------------------

- III. Attach copies of Form C-103 or Federal Form 3160-5 showing date/time of drilling commenced and Form C-105 or Federal Form 3160-4 showing well was completed as a producer.
- IV. Attach a list of all working interest owners with their percentage interests.
- V. AFFIDAVIT:

State of New Mexico )  
County of Eddy ) ss.  
Robert C. Chase, being first duly sworn, upon oath states:

- I am the Operator, or authorized representative of the Operator, of the above-referenced well.
- To the best of my knowledge, this application is complete and correct.

Signature *Robert C. Chase* Title Vice President Date 9/21/99

SUBSCRIBED AND SWORN TO before me this 21st day of September, 1999

My Commission expires 12-9-99 Notary Public *Cristina D. Cantu*

FOR OIL CONSERVATION DIVISION USE ONLY:

VI. CERTIFICATION OF APPROVAL:  
This Application is hereby approved and the above-referenced well is designated a New Well. By copy hereof, the Division notifies the Secretary of the Taxation and Revenue Department of this Approval.

Signature <u><i>Mark Kelly</i></u>	Title <u><i>P.E. Spee</i></u>	Date <u><i>10-26-99</i></u>
---------------------------------------	----------------------------------	--------------------------------

VII. DATE OF NOTIFICATION TO THE SECRETARY OF THE TAXATION AND REVENUE DEPARTMENT: *10/27/99*

NOTICE: The operator must notify all working interest owners of this New Well certification.

PNZV2007040720

**OPERATOR'S COPY**

Form 3160-5  
(June 1990)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**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**

Oil Well     Gas Well     Other

**2. Name of Operator**

**Mack Energy Corporation**

**3. Address and Telephone No.**

**P.O. Box 960, Artesia, NM 988211-0960**

**505-748-1288**

**4. Location of Well (Footage, Sec., T. R., M. or Survey Description)**

**Sec. 20-T17S-R30E 850 FNL & 2310 FWL**

FORM APPROVED

Budget Bureau No. 1004-0135

Expires: March 31, 1993

**5. Lease Designation and Serial No.**

**LC-054988B**

**6. If Indian, Allottee or Tribe Name**

**7. If Unit or CA. Agreement Designation**

**8. Well Name and No.**

**Jenkins B Federal #10**

**9. API Well No.**

**30-015-30668**

**10. Field and Pool, or Exploratory Area**

**Loco Hills Paddock**

**11. County or Parish, State**

**Eddy, NM**

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

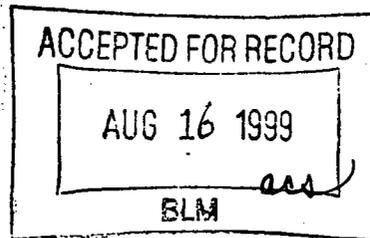
TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input checked="" type="checkbox"/> Other <b>Spud &amp; Cement Casing</b>
	<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)\***

8/03/1999 MIRU L&M Rig 3, spud 2:00PM 17 1/2" hole, (Called BLM main office) lost circ at 45', partail returns at 110', full returns at 135', Drilled to 9:00PM swivel packing went out pull up and repair.  
 8/04/1999 Back to drilling 12:10AM TD 17 1/2" hole 4:20AM (Called Don Early said would not witness leave report in box). RIH with 12 joints 13 3/8" 54#, ST&C, K-55, set at 417', Cemented w/400sx Class C, 2% CaCl, plug down 8:15AM circ 85sx to pit. WOC 8:00PM.  
 8/05/1999 TD 12 1/4" hole @ 1041' @ 10:40 AM. RIH w/23 jts 8 5/8", 24#, J-55, landed @ 1037' Cemented w/275sx 35-65-6, 6# salt, 1/4# CF, & 200sx Class C, 2% CC. Circ 84sx, Plug down @ 2:45PM.

AUG 17 1999



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

Signed

*Luca D. Galt*

Title

**Production Analyst**

Date

**8/13/99**

(This space for Federal or State office use)

Approved by

Title

Date

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.

**UNITED STATES DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT**

OPERATOR'S COPY  
SUBMIT IN DUPLICATE\*  
(see other instructions on reverse side)

FOR APPROVED  
OMB NO. 1004-0137  
Expires: December 31, 1991

8. LEASE DESIGNATION AND SERIAL NO.  
**LC-054988B**

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG\***

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

1a. TYPE OF WELL: OIL WELL  GAS WELL  DRY  Other \_\_\_\_\_  
b. TYPE OF COMPLETION: NEW WELL  WORK OVER  DEEPEN  PLUG BACK  DIFF. RESVR.  Other \_\_\_\_\_

7. UNIT AGREEMENT NAME

2. NAME OF OPERATOR  
**Mack Energy Corporation**

8. FARM OR LEASE NAME, WELL NO.  
**Jenkins B Federal #10**

3. ADDRESS AND TELEPHONE NO.  
**P.O. Box 960, Artesia, NM 88211-0960 (505) 748-1288**

9. API WELL NO.  
**30-015-30668 51**

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*  
At surface **850 FNL 2310 FWL**  
At top prod. interval reported below **850 FNL 2310 FWL**  
At total depth **850 FNL 2310 FWL**

10. FIELD AND POOL, OR WILDCAT  
**Loco Hills Paddock**

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA  
**Sec 20 T17S R30E**

14. PERMIT NO. \_\_\_\_\_ DATE ISSUED \_\_\_\_\_  
12. COUNTY OR PARISH **Eddy** 13. STATE **NM**

15. DATE SPUNDED **8/3/1999** 16. DATE T.D. REACHED **8/13/1999** 17. DATE COMPL. (Ready to prod.) **8/27/1999** 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\* **3661 RKB** 19. ELEV. CASING HEAD **3649 GR**

20. TOTAL DEPTH, MD & TVD **4744** 21. PLUG, BACK T.D., MD & TVD **4703** 22. IF MULTIPLE COMPL., HOW MANY\* \_\_\_\_\_ 23. INTERVALS DRILLED BY \_\_\_\_\_ ROTARY TOOLS **Yes** CABLE TOOLS \_\_\_\_\_

24. PRODUCING INTERVAL (S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)\*  
**4418.5-4666.5, Paddock** 25. WAS DIRECTIONAL SURVEY MADE **Yes**

26. TYPE ELECTRIC AND OTHER LOGS RUN  
**Gamma Ray, Neutron, Density, Lateralog, Spectral Gamma Ray** 27. WAS WELL CORED **No**

28. CASING RECORD (Report all strings set in well)

CASING SIZE/GRADE	WEIGHT, LB./FT	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
13 3/8	54	417	17 1/2	400sx	None
8 5/8	24	1037	12 1/4	475sx	None
5 1/2	15.5	4714	7 7/8	1000sx	None

29. LINER RECORD 30. TUBING RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 7/8	4685	

31. PERFORATION RECORD (Interval, size and number)  
**4418.5-4666.5, 41, 73 holes**

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC  

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
4418.5-4666.5	2500 gals 15% NE acid
4418.5-4666.5	32,000 gals 20% NE acid

33. PRODUCTION

DATE FIRST PRODUCTION **9/03/1999** PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump) **2 1/2 x 2 20 RHBC HVR PAP BNC** WELL STATUS (Producing or shut-in) **Producing**

DATE OF TEST **9/14/1999** HOURS TESTED **24** CHOKE SIZE \_\_\_\_\_ PROD'N FOR TEST PERIOD \_\_\_\_\_ OIL-BBL. **143** GAS-MCF. **235** WATER-BBL. **625** GAS-OIL RATIO **1643**

FLOW. TUBING PRESS. \_\_\_\_\_ CASING PRESSURE \_\_\_\_\_ CALCULATED 24-HOUR RATE \_\_\_\_\_ OIL-BBL. **143** GAS-MCF. **235** WATER - BBL. **625** OIL GRAVITY - API (CORR.) **38**

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)  
**Sold**

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED Cissa D. Carter TITLE **Production Analyst** DATE **9/21/1999**

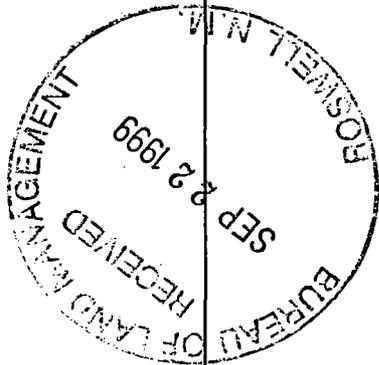
\*(See Instructions and spaces for Additional Data on Reverse Side)

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.

37. SUMMARY OF POROUS ZONES- (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):

38. GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS.DEPH	TRUE VERT.DEPH
Loco Hills Paddock	4298	4653		Queen	2042	
				San Andres	2766	
				Glorietta	4193	



PROPERTY	DOI	MO/YR	PROPERTY NAME	OWNER SQ	OWNER NAME	INTEREST	INTEREST TYPE	LAST CHANGE
001010	010	J1	02/97	JENKINS B	FEDERAL 10			
				006 243 00	JAMES D. BROWN	.01000000	1 WOR	5/18/99
				006 470 00	REBECCA ERICSON	.01000000	1 WOR	5/18/99
				999 101 00	CHASE OIL CORPORATION	.70500000	1 WOR	5/18/99
				999104 00	RICHARD L. CHASE	.08750000	1 WOR	5/18/99
				999 105 00	GERENE DIANNE CHASE CROUCH	.07500000	1 WOR	5/18/99
				999106 00	ROBERT C. CHASE	.11250000	1 WOR	5/18/99
					TOTAL INTEREST	1.00000000		