

1523

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

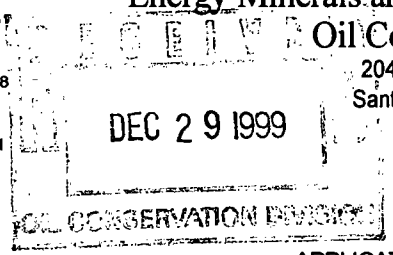
New Mexico

Energy Minerals and Natural Resources Department  
Oil Conservation Division

2040 South Pacheco Street  
Santa Fe, New Mexico 87505  
(505) 827-7131

Form C-142  
Date 06/99

SUBMIT ORIGINAL  
PLUS 2 COPIES  
TO THE SANTA FE  
OFFICE



APPLICATION FOR NEW WELL STATUS

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 Woolley Federal				Well Number 5		API Number 30-015-30502		
UL K	Section 21	Township 17S	Range 30E	Feet From The 1550	North/South Line South	Feet From The 2310	East/West Line West	County Eddy, NM

II. Date/Time Information

Spud Date 11/4/1999	Spud Time 5:35pm	Date Completed 12/1/1999	Pool Loco Hills Paddock
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- 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:

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

Signature: [Signature] Title Vice President Date 12/27/99

SUBSCRIBED AND SWORN TO before me this 27th day of December, 1999

My Commission expires: 12-9-2003 Notary Public [Signature]

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>[Signature]</u>	Title <u>P.E. Spee</u>	Date <u>JAN 30 2000</u>
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VII. DATE OF NOTIFICATION TO THE SECRETARY OF THE TAXATION AND REVENUE DEPARTMENT: 1/31/00

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

PVZV2010729268

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTSUBMIT IN DUPLICATE\*  
(See other in-  
struction on  
reverse side)FOR APPROVED  
OMB NO. 1004-0137  
Expires: December 31, 19916. LEASE DESIGNATION AND SERIAL NO  
**LC-029342-A**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG\*

## 1a. TYPE OF WELL:

OIL WELL ☒GAS WELL ☐DRY ☐

Other \_\_\_\_\_

## b. TYPE OF COMPLETION:

NEW WELL ☒WORK OVER ☐DEEPEN ☐PLUG BACK ☐DIFF. RESVR. ☐

Other \_\_\_\_\_

## 2. NAME OF OPERATOR

**Mack Energy Corporation**

## 3. ADDRESS AND TELEPHONE NO.

**P.O. Box 960, Artesia, NM 88211-0960****(505) 748-1288**

## 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*

At surface

**1550 FSL 2310 FWL**

At top prod. interval reported below

**1550 FSL 2310 FWL**

At total depth

**1550 FSL 2310 FWL**

## 7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME, WELL NO.  
**Woolley Federal #5**

## 9. API WELL NO.

**30-015-30502**

## 10. FIELD AND POOL, OR WILDCAT

**Loco Hills Paddock**

## 11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA

**Sec 21-T17S-R30E**

## 14. PERMIT NO.

## DATE ISSUED

12. COUNTY OR PARISH  
**Eddy**13. STATE  
**NM**

## 15. DATE SPUDDED

**11/4/1999**

## 16. DATE T.D. REACHED

**11/18/1999**

## 17. DATE COMPL. (Ready to prod.)

**12/1/1999**

## 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)

**3653 RKB**

## 19. ELEV. CASING HEAD

**3641**

## 20. TOTAL DEPTH, MD &amp; TVD

**4964**

## 21. PLUG, BACK T.D., MD &amp; TVD

**4940**

## 22. IF MULTIPLE COMPL., HOW MANY\*

## 23. INTERVALS DRILLED BY

**Yes**

## ROTARY TOOLS

**Yes**

## CABLE TOOLS

## 24. PRODUCING INTERVAL (S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)\*

**4554-4771' 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
<b>13 3/8 K-55</b>	<b>54</b>	<b>448</b>	<b>17 1/2</b>	<b>425 sx</b>	<b>None</b>
<b>8 5/8 J-55</b>	<b>24</b>	<b>1148</b>	<b>12 1/4</b>	<b>500sx</b>	<b>None</b>
<b>5 1/2 J-55</b>	<b>17</b>	<b>4951</b>	<b>7 7/8</b>	<b>1085sx</b>	<b>None</b>

## 29.

## LINER RECORD

SIZE	T O P (MD)	BOTTOM (MD)	SACKS CEMENT	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					<b>2 7/8</b>	<b>4491</b>	

## 30.

## TUBING RECORD

## 31. PERFORATION RECORD (Interval, size and number)

**4554-4771, 1/2, 54**

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

## DEPTH INTERVAL (MD)

## AMOUNT AND KIND OF MATERIAL USED

**4554-4771'****5000 gals 15% acid****4554-4771'****32000 gals 20% acid****4554-4771'****54,000 gals 40# gel**

## 33.

## PRODUCTION

## DATE FIRST PRODUCTION

**12/5/1999**

## PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump)

**Reda pump 550**

## WELL STATUS (Producing or shut-in)

**Producing**

## DATE OF TEST

**12/20/1999**

## HOURS TESTED

**24**

## CHOKE SIZE

**None**

## PROD'N FOR TEST PERIOD

## OIL-BBL.

**87**

## GAS-MCF.

**63**

## WATER-BBL.

**675**

## GAS-OIL RATIO

**724**

## FLOW. TUBING PRESS.

## CASING PRESSURE

## CALCULATED 24-HOUR RATE

## OIL-BBL.

**87**

## GAS-MCF.

**63**

## WATER - BBL.

**675**

## OIL GRAVITY - API (CORR.)

**38**

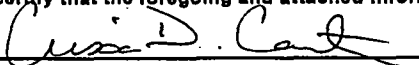
## 34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

**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



TITLE

**Production Analyst**

DATE

**12/21/99**

\*(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):

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
Loco Hills Paddock	4537	4770	

38. GEOLOGIC MARKERS

NAME	TOP	
	MEAS.DEPTH	TRUE VERT.DEPTH
Queen	2238	
San Andres	2998	
Glorietta	4482	

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

OPERATOR'S COPY

NOV 17 1999

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

5. Lease Designation and Serial No.

LC-029342-A

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Woolley Federal #5

9. API Well No.

30-015-30502

10. Field and Pool, or Exploratory Area

Loco Hills Paddock

11. County or Parish, State

Eddy, NM

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 88211-0960

(505)748-1288

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

Sec 21-T17S-R30E 1550 FSL & 2310 FWL

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

TYPE OF SUBMISSION

- ☐ Notice of Intent  
☒ Subsequent Report  
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☒ Other Spud & Cement Casings

- ☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ Dispose Water

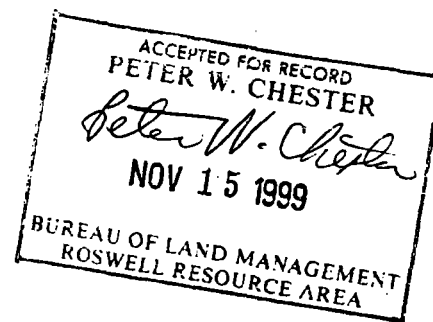
(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

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 )\*

11/04/1999 Spud 5:35PM 17 1/2" hole.

11/05/1999 TD 17 1/2" hole 5:20AM RIH 10 joints 13 3/8" 54# ST&C, K-55 @ 448' Cemented with 425sx Class C 2% CaCl circ 72sx plug down 8:45AM (Witness Gene Hunt BLM). WOC 12 hours.

11/06/1999 TD 12 1/4" hole at 10:30AM @ 1156', run 27 joints 8 5/8" 24# ST&C J-55 set at 1148', cemented with 300sx 35/65 Lite 6% gel, 3# salt, 1/4# CF, Tail in w/200sx Class C 2% CaCl, Circ 76sx to pit plug down 3:00PM(call BLM G.Hunt no witness). WOC 12hours.



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

Signed

*Chris D. Carter*

Title

Production Analyst

Date

11/11/99

(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.

•See Instruction on Reverse Side

PROPERTY	DOI	MO/YR	PROPERTY NAME	OWNER SQ	OWNER NAME	INTEREST	INTEREST TYPE	LAST CHANGE
002305	005	J1	08/95	WOOLLEY	FEDERAL 5			
				999101	00 CHASE OIL CORPORATION	.65000000	1 WOR	4/13/98
				999104	00 RICHARD L. CHASE	.03000000	1 WOR	4/13/98
				999105	00 GERENE DIANNE CHASE CROUCH	.02000000	1 WOR	4/13/98
				999106	00 ROBERT C. CHASE	.05000000	1 WOR	4/13/98
				999107	00 MACK C. CHASE TRUST	.25000000	1 WOR	4/13/98
					TOTAL INTEREST	1.00000000		