

1523

Form C-142
Date 06/99

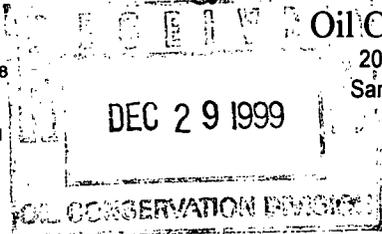
District I - (505) 393-6161
1625 N. French Dr
Hobbs, NM 88241-1980
District II - (505) 748-1283
811 S. First
Artesia, NM 88210
District III - (505) 334-6178
1000 Rio Brazos Road
Aztec, NM 87410
District IV - (505) 827-7131

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

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:

- 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: [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 MANAGEMENT**

SUBMIT IN DUPLICATE*
(See other instruction on reverse side)

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*					6. LEASE DESIGNATION AND SERIAL NO LC-029342-A		
1a. TYPE OF WELL: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> Other _____					6. IF INDIAN, ALLOTTEE OR TRIBE NAME:		
b. TYPE OF COMPLETION: NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> Other _____					7. UNIT AGREEMENT NAME		
2. NAME OF OPERATOR Mack Energy Corporation					8. FARM OR LEASE NAME, WELL NO Woolley Federal #5		
3. ADDRESS AND TELEPHONE NO. P.O. Box 960, Artesia, NM 88211-0960 (505) 748-1288					9. API WELL NO. 30-015-30502		
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					10. FIELD AND POOL, OR WILDCAT Loco Hills Paddock		
14. PERMIT NO. _____ DATE ISSUED _____					12. COUNTY OR PARISH Eddy	13. STATE NM	
15. DATE SPUDED 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 & TVD 4964		21. PLUG, BACK T.D., MD & TVD 4940		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)* 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		
13 3/8 K-55		54	448	17 1/2	425 sx		
8 5/8 J-55		24	1148	12 1/4	500sx		
5 1/2 J-55		17	4951	7 7/8	1085sx		
AMOUNT PULLED		None					
None		None					
None		None					
29. LINER RECORD				30. TUBING RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT	SCREEN (MD)	SIZE	DEPTH SET (MD)	
					2 7/8	4491	
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):

38. GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS.DEPTH	TRUE VERT.DEPTH
Loco Hills Paddock	4537	4770		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

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

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

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.

ACCEPTED FOR RECORD
PETER W. CHESTER
Peter W. Chester
NOV 15 1999
BUREAU OF LAND MANAGEMENT
ROSWELL RESOURCE AREA

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

Signed *Cass 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.

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		