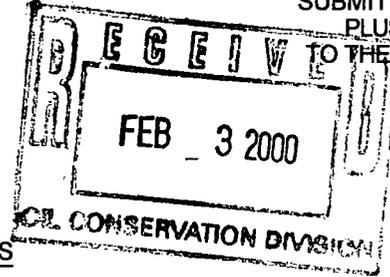


1618

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 Berry A Federal					Well Number 12	API Number 30-015-30670		
UL C	Section 21	Township 17S	Range 30E	Feet From The 990	North/South Line North	Feet From The 1790	East/West Line West	County Eddy, NM

II. Date/Time Information

Spud Date 12/14/99	Spud Time 2:30 pm	Date Completed 1/8/00	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.  
Rebecca S. Ericson, 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 Rebecca S. Ericson Title Vice President Date 2/1/00

SUBSCRIBED AND SWORN TO before me this 1st day of February, 2000

My Commission expires: 12-09-03 Notary Public Cristina D. Cat

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>Mark Lehman</u>	Title <u>P.E. Spee.</u>	Date <u>3-8-00</u>
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VII. DATE OF NOTIFICATION TO THE SECRETARY OF THE TAXATION AND REVENUE DEPARTMENT: 3/8/00

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

PVZV20108499B5

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

SUBMIT IN DUPLICATE\*  
(See other in-  
struction on  
reverse side)

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

<b>WELL COMPLETION OR RECOMPLETION REPORT AND LOG*</b>						5. LEASE DESIGNATION AND SERIAL NO. <b>LC-054988-A</b>	
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 <b>Mack Energy Corporation</b>						8. FARM OR LEASE NAME, WELL NO. <b>Berry A Federal #12</b>	
3. ADDRESS AND TELEPHONE NO. <b>P.O. Box 960, Artesia, NM 88211-0960 (505) 748-1288</b>						9. API WELL NO. <b>30-015-30670</b>	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface <b>990 FNL 1790 FWL</b> At top prod. interval reported below <b>990 FNL 1790 FWL</b> At total depth <b>990 FNL 1790 FWL</b>						10. FIELD AND POOL, OR WILDCAT <b>Loco Hills Paddock</b>	
14. PERMIT NO.				DATE ISSUED		12. COUNTY OR PARISH <b>Eddy</b>	13. STATE <b>NM</b>
15. DATE SPUNDED <b>12/14/99</b>		16. DATE T.D. REACHED <b>12/28/99</b>		17. DATE COMPL. (Ready to prod.) <b>1/8/00</b>		18. ELEVATIONS (DF, RKB, RT, GR, ETC.) <b>3658 RKB</b>	
19. ELEV. CASING HEAD <b>3656</b>		20. TOTAL DEPTH, MD & TVD <b>4840</b>		21. PLUG, BACK T.D., MD & TVD <b>4801</b>		22. IF MULTIPLE COMPL., HOW MANY*	
23. INTERVALS DRILLED BY →		ROTARY TOOLS <b>Yes</b>		CABLE TOOLS		25. WAS DIRECTIONAL SURVEY MADE <b>Yes</b>	
24. PRODUCING INTERVAL (S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)* <b>4346-4755.5 Paddock</b>						27. WAS WELL CORED <b>No</b>	
26. TYPE ELECTRIC AND OTHER LOGS RUN <b>Gamma Ray, Neutron, Density, Lateralog, Spectral Gamma Ray</b>						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		54.5	
17 1/2		450		17 1/2		450 sx	
475 sx		None		8 5/8		24	
915 sx		None		1041		12 1/4	
		None		4814		7 7/8	
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		4278			
31. PERFORATION RECORD (Interval, size and number) <b>4346-4755.5, 1/2, 96</b>				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC			
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED		4346-4755.5		32,000 gals 20% HCL acid	
4346-4755.5		54,000 gals 40# gel		4346-4755.5		5000 gals cold 15% acid	
4346-4755.5		2000 gals 15% HCL acid		4346-4755.5			
33. PRODUCTION				DATE FIRST PRODUCTION <b>1/18/00</b>			
PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump) <b>submersible</b>				WELL STATUS (Producing or shut-in) <b>Producing</b>			
DATE OF TEST <b>1/28/00</b>		HOURS TESTED <b>24</b>		CHOKE SIZE <b>None</b>		PROD'N FOR TEST PERIOD →	
OIL-BBL. <b>111</b>		GAS-MCF. <b>121</b>		WATER-BBL. <b>485</b>		GAS-OIL RATIO <b>1090</b>	
FLOW. TUBING PRESS.		CASING PRESSURE		CALCULATED 24-HOUR RATE →		OIL-BBL. <b>111</b>	
GAS-MCF. <b>121</b>		WATER-BBL. <b>485</b>		OIL GRAVITY - API (CORR.) <b>38</b>			
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) <b>Sold</b>							
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 <u>      Lisa D. Cat      </u>		TITLE <u>      Production Analyst      </u>		DATE <u>      1/28/00      </u>			

\*(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.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**OPERATOR'S COPY**

JAN 7 2000

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

5. Lease Designation and Serial No.

LC-054988-A

6. If Indian, Allottee or Tribe Name

**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

7. If Unit or CA, Agreement Designation

**SUBMIT IN TRIPLICATE**

1. Type of Well

Oil Well     Gas Well     Other

2. Name of Operator

Mack Energy Corporation

8. Well Name and No.

Berry A Federal #12

3. Address and Telephone No.

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

9. API Well No.

30-015-30670

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

Sec 21-T17S-R30E    990 FNL & 1790 FWL

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

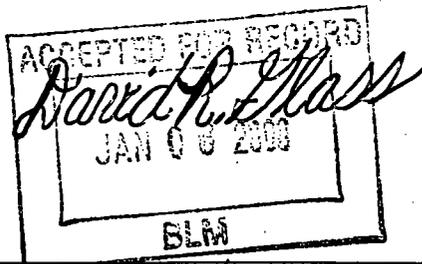
TYPE OF ACTION

- 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)\*

12/14/1999 Spud 2:30AM (called BLM Carlsbad) 17 1/2" hole.  
12/15/1999 TD 17 1/2" hole at 4:20AM (called Duncan said would not witness), 455', RIH 11jts 13 3/8" 54.5# ST&C K-55 set at 450', C/w 450sx Class C 2%CaCl, plug down 8:00AM circ 8 1/2". WOC, NU. RIH with bit #2 12 1/4", drlg new formation.  
12/16/1999 TD 12 1/4" hole @ 1047', 7:00AM, RIH 23 jts 8 5/8" 24# J-55 ST&C @ 1041' C/w 275sx 35/65Lite 6%Gel,3#salt 1/4#CF, tail 200sx Class C 2% CaCl (circ 122sxs) plug down 11:55AM, WOC NUBOP.



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

Signed Crista D. Carter Title Production Analyst Date 1/4/00

(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
000100	012	J1	10/92 BERRY A FEDERAL 12					
			006172 00 THE HOMESTAKE OIL & GAS CO.			.06250000	1 WOR	5/18/99
			006243 00 JAMES D. BROWN			.01000000	1 WOR	5/18/99
			006470 00 REBECCA ERICSON			.01000000	1 WOR	5/18/99
			999101 00 CHASE OIL CORPORATION			.64250000	1 WOR	5/18/99
			999104 00 RICHARD L. CHASE			.08750000	1 WOR	5/18/99
			999105 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		