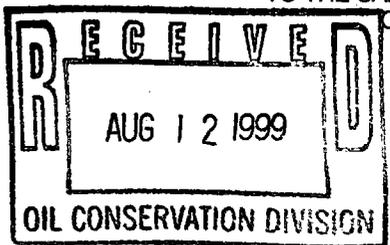


District I - (505) 393-6161
1625 N. French Dr
Hobbs, NM 88241-1980
District II - (505) 748-1283
811 S. First
Artesia, NM 88210
District III - (505) 334-6178
1000 Rio Brazos Road
Aztec, NM 87410
District IV - (505) 827-7131

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 Dexter		Well Number 4	API Number 30-015-30323					
UL K	Section 22	Township 17S	Range 30E	Feet From The 2310	North/South Line South	Feet From The 1650	East/West Line West	County Eddy, NM

II. Date/Time Information

Spud Date 5/9/99	Spud Time 4:20 pm	Date Completed 6/11/99	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 *Robert C. Chase* Title Vice President Date 8/9/99

SUBSCRIBED AND SWORN TO before me this 9th day of August, 1999

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

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 Sahby</i></u>	Title <u><i>P.E. Speer</i></u>	Date <u>AUG 13 1999</u>
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VII. DATE OF NOTIFICATION TO THE SECRETARY OF THE TAXATION AND REVENUE DEPARTMENT: AUG 16 1999

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

PVZV 2006 333130

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

SUBMIT IN DUPLICATE
other in-
formation on
reverse side

OPERATOR'S COPY

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

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: **2310 FSL 1650 FWL**
 At top prod. interval: **2310 FSL 1650 FWL**
 At total depth: **2310 FSL 1650 FWL**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME _____
 7. UNIT AGREEMENT NAME _____
 8. FARM OR LEASE NAME, WELL NO.
Dexter Federal #4
 9. API WELL NO.
30-015-30323
 10. FIELD AND POOL, OR WILDCAT
Loco Hills Paddock
 11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA
Sec 22 T17S R30E

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

15. DATE SPUNDED **5/09/99** 16. DATE T.D. REACHED **5/20/99** 17. DATE COMPL. (Ready to prod.) **6/11/99** 18. ELEVATIONS (DF, RKB, RT, GR, ETC.) **3656 RKB** 19. ELEV. CASING HEAD **3645 GR**

20. TOTAL DEPTH, MD & TVD **5185** 21. PLUG, BACK T.D., MD & TVD **5150** 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)*
4644-4935 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 _____

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	61	256	17 1/2	350sx	None
8 5/8	24	1083	12 1/4	600sx	None
5 1/2	15.5	5183	7 7/8	980sx	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	4948	

31. PERFORATION RECORD (Interval, size and number)
4644-4935, 1/2 60

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
4644-4935	3000 gals 15% NE acid
4644-4935	32,000 gals 20% NE acid

33. PRODUCTION

DATE FIRST PRODUCTION **6/23/99** PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump) **Pumping 2 1/2 x 2 20 PAP HVR** WELL STATUS (Producing or shut-in) **Producing**

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N FOR TEST PERIOD	OIL-BBL.	GAS-MCF.	WATER-BBL.	GAS-OIL RATIO
6/29/99	24	none		34	60	186	1764

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL-BBL.	GAS-MCF.	WATER - BBL.	OIL GRAVITY - API (CORR.)
			34	60	186	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 *Curtis D. Carter* TITLE Production Analyst DATE 7/8/99

*(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.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OPERATOR'S COPY

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. 22-T17S-R30E 2310 FSL & 1650 FWL

5. Lease Designation and Serial No.

LC-029020G

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Dexter Federal #4

9. API Well No.

30-015-30323

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

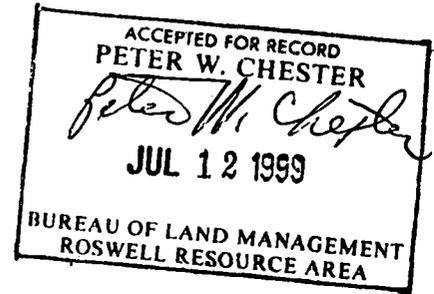
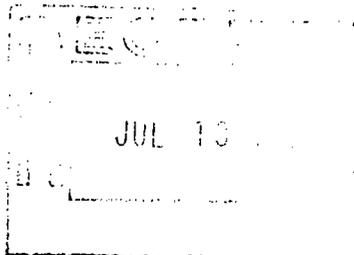
(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

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)*

5/09/1999 Spud 17 1/4" hole @ 4:20 pm.

5/10/1999 TD 17 1/2" hole @ 8:00AM. RIH w/7 jts 13 3/8 & hit ledge couldn't get past. Jim Amos w/BLM gave permission to cmt. Csg landed @ 256', C/w 350 sx class C 2% CC. Circ 150 sx Plug down @ 2:00PM.

5/11/1999 TD hole 12 1/4" HOle @1087', Ran 24 jts 8 5/8" 24# ST&C J-55 set @ 1083', Cemented with 400sx 35/65 Poz 6%gel 1/4#CF 6# salt, tail in 200 sx Class C 2% CaCl, circulate 120sx plug down 3:00PM 5-11-99.



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

Signed Cristina D. Carter Title Production Analyst Date 06/18/99

(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
000350	004	J1	07/92	DEXTER FEDERAL 4				
				999101	00 CHASE OIL CORPORATION	.40000000	1 WOR	8/18/98
				999104	00 RICHARD L. CHASE	.03000000	1 WOR	8/18/98
				999105	00 GERENE DIANNE CHASE CROUCH	.02000000	1 WOR	8/18/98
				999106	00 ROBERT C. CHASE	.05000000	1 WOR	8/18/98
				999107	00 MACK C. CHASE TRUST	.50000000	1 WOR	8/18/98
TOTAL INTEREST						1.00000000		