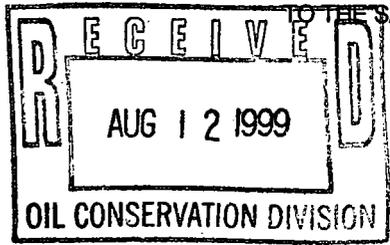


District I - (505) 393-6161
1625 N. French Dr
Hobbs, NM 88241-1980
District II - (505) 748-1283
811 S. First
Artesia, NM 88210
District III - (505) 334-6178
1000 Rio Brazos Road
Aztec, NM 87410
District IV - (505) 827-7131

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 Western Federal		Well Number 3	API Number 30-015-30357					
UL G	Section 30	Township 17S	Range 29E	Feet From The 2330	North/South Line North	Feet From The 1650	East/West Line East	County Eddy, NM

II. Date/Time Information

Spud Date 3/19/99	Spud Time 2:15 pm	Date Completed 4/12/99	Pool East Empire Yeso
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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 8/9/99
SUBSCRIBED AND SWORN TO before me this 9th day of August, 1999.
My Commission expires: 12-9-99 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. Spec.</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.

PNZV2006334626

**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

6. LEASE DESIGNATION AND SERIAL NO.
LC-028480-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 _____

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME, WELL NO.
Western Federal #3

9. API WELL NO.
30-015-30357

10. FIELD AND POOL, OR WILDCAT
East Empire Yeso

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA
Sec 30 T17S R29E

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 **2330 FNL 1650 FEL**
At top prod. interval reported below **2330 FNL 1650 FEL**
At total depth **2330 FNL 1650 FEL**

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

15. DATE SPUDDED **3/19/99** 16. DATE T.D. REACHED **3/30/99** 17. DATE COMPL. (Ready to prod.) **4/12/99** 18. ELEVATIONS (DF, RKB, RT, GR, ETC.) **3645 RKB** 19. ELEV. CASING HEAD **3634**

20. TOTAL DEPTH, MD & TVD **5200** 21. PLUG, BACK T.D., MD & TVD **4317'** 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)*
3956-4214' 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, J-55	54	346	17 1/2	350 SX	None
8 5/8, J-55	24	771	12 1/4	450 SX	None
5 1/2, J-55	15.5	4330	7 7/8	825 SX	None

29. LINER RECORD (Report all strings set in well)

SIZE	TOP (MD)	DEPTH SET (MD)	HOLE SIZE	SCREEN (MD)	DEPTH SET (MD)	PACKER SET (MD)
				2 7/8		
				2 7/8	4244	

30. TUBING RECORD

SIZE	TOP (MD)	DEPTH SET (MD)	HOLE SIZE	SCREEN (MD)	DEPTH SET (MD)	PACKER SET (MD)

31. PERFORATION RECORD (Interval, size and number)

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
3956-4214	2500 gals 15% NE acid
3956-4214	54,000 gals gel, 32,000 gals acid

LINER RECEIVED FOR RECORD
RECEIVED FOR RECORD
PETER M. CHESTER
JUN 30 1999
BUREAU OF LAND MANAGEMENT
ROSWELL RESOURCE AREA

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

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump)	WELL STATUS (Producing or shut-in)
4/18/99	2 1/2 x 2 x 20 HVR	Producing

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N FOR TEST PERIOD	OIL-BBL.	GAS-MCF.	WATER-BBL.	GAS-OIL RATIO
4/28/99	24			99	142	356	1434

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL-BBL.	GAS-MCF.	WATER - BBL.	OIL GRAVITY - API (CORR.)
			99	142	356	38

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

35. LIST OF ATTACHMENTS
JUL - 1 1999

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.
SIGNED *Crista D. Coyle* TITLE **Production Analyst** DATE **06/18/99**

*(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.DEPH	TRUE VERT.DEPH
East Empire Yeso	3952	4230		Queen	1663	
				San Andres	2382	
				Glorietta	3827	

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. 30T17S-R29E 2330 FNL & 1650 FEL

5. Lease Designation and Serial No.

LC-028480-A

6. If Indian, Allottee or Tribe Name

7. If Unit or CA. Agreement Designation

8. Well Name and No.

Western Federal #3

9. API Well No.

30-015-30357

10. Field and Pool, or Exploratory Area

Empire Yeso

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

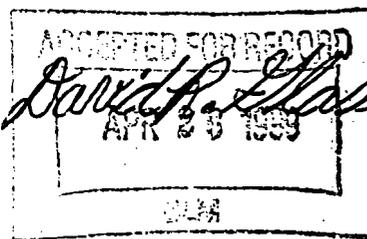
- Abandonment
 Recompletion
 Plugging Back
 Casing Repair
 Altering Casing
 Other Spud & Cement Casings
 Change of Plans
 New Construction
 Non-Routine Fracturing
 Water Shut-Off
 Conversion to Injection
 Dispose Water

(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)*

3/19/1999 Spud 17 1/2" hole 2:15PM, (CALLED BLM) TD hole 8:00PM 3-18-99, Ran 8 jts. 13 3/8" 54# K-55 ST&C, 330' set @ 346'; BJ cemented with 350 sack Class C 2% CaCl, (Circ 105 sks) plug down 1:40AM 3-19-99.

3/20/1999 TD 12 1/4" hole, ran 18 jts. 8 5/8" 24# J-55 756' set at 771' cement with 250 sacks 35/65 6%Gel, 6# salt 1/4#CF, Tail in with 200 sacks Class C 2% CaCl, circ 83 sacks, plug down 4:45AM 3-20-99.



APR 23 1999

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

Signed

Cris D. Carter

Title

Production Analyst

Date

4/21/99

(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
002275	003	J1	03/98	WESTERN FEDERAL 3				
				999101	00 CHASE OIL CORPORATION	.65000000	1 WOR	5/13/98
				999104	00 RICHARD L. CHASE	.03000000	1 WOR	5/13/98
				999105	00 GERENE DIANNE CHASE CROUCH	.02000000	1 WOR	5/13/98
				999106	00 ROBERT C. CHASE	.05000000	1 WOR	5/13/98
				999107	00 MACK C. CHASE TRUST	.25000000	1 WOR	5/13/98
TOTAL INTEREST						1.00000000		