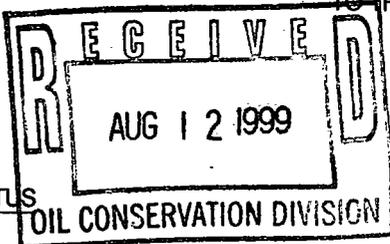


District I - (505) 393-6161
1625 N. French Dr
Hobbs, NM 88241-1980
District II - (505) 748-1283
811 S. First
Artesia, NM 88210
District III - (505) 334-6178
1000 Rio Brazos Road
Aztec, NM 87410
District IV - (505) 827-7131

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 Schley Federal					Well Number 4	API Number 30-015-30451		
UL L	Section 29	Township 17S	Range 29E	Feet From The 2180	North/South Line South	Feet From The 430	East/West Line West	County Eddy, NM

II. Date/Time Information

Spud Date 3/10/99	Spud Time 6:30 pm	Date Completed 4/5/99	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. Speer</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:

PV2V2006333870

**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.
NM-29281

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.

Schley Federal #4

9. API WELL NO.

30-015-30451

10. FIELD AND POOL, OR WILDCAT

East Empire Yeso

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

Sec 29 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 **2180 FSL 430 FWL**
 At top prod. interval reported below **2180 FSL 430 FWL**
 At total depth **2180 FSL 430 FWL**

14. PERMIT NO. _____ DATE ISSUED _____

12. COUNTY OR PARISH
Eddy

13. STATE
NM

15. DATE SPUDDED **3/10/99** 16. DATE T.D. REACHED **3/21/99** 17. DATE COMPL. (Ready to prod.) **4/5/99** 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* **3627 RKB** 19. ELEV. CASING HEAD **3616**

20. TOTAL DEPTH, MD & TVD **5365** 21. PLUG, BACK T.D., MD & TVD **5190** 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)*
4711.5-5041 YESO 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, K-55	54	319	17 1/2	Class C w/2% CC	None
8 5/8, J-55	24	841	12 1/4	35-65-6 w/6# salt 1/4# CF	None
5 1/2, J-55	17 & 15.5	5205	7 7/8	35/65 Lite 50/50 Poz	None

29. LINER RECORD 30. TUBING RECORD

SIZE	T O P (MD)	BOTTOM (MD)	SACKS CEMENT	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8	5065	

31. PERFORATION RECORD (Interval, size and number) 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
4711.5-5041	2000 gals 15% NE acid
4711.5-5041	1710sx 16/30 sand 57000 35#gell

4711.5-5041, 1/2, 36

33. PRODUCTION

DATE FIRST PRODUCTION **4/9/1999** PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump) **2 X 11/2 X 16' PAP Travel barrel** 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
4/28/1999	24			85	225	45	2647

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL-BBL.	GAS-MCF.	WATER - BBL.	OIL GRAVITY - API (CORR.)
			85	225	45	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 Cassia D. Cothran TITLE Production Analyst DATE 06/18/99

*(See Instructions and spaces for Additional Data on Reverse Side)

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
East Empire Yeso	4028	4322		Queen	1718	
				San Andres	2445	
				Glorietta	3901	

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

5. Lease Designation and Serial No.

NM-29281

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Schley Federal #4

9. API Well No.

30-015-30451

10. Field and Pool, or Exploratory Area

Loco Hills Paddock

11. County or Parish, State

Eddy, NM

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. 29-T17S-R29E, 2180 FSL & 430 FWL

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

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input checked="" type="checkbox"/> Other <u>Spud & Cement Casings</u>
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> 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)*

3/10/1999 Spud 17 1/2" hole 6:30PM.

3/11/1999 TD 17 1/2" hole 3:00AM, ran 7 jts. 13 3/8", 54# K-55 ST&C new csg. 305' set at 319', BJ cemented with 350 sacks. Class C 2% CaCl, circ. 68sacks.(Note called BLM on cell phone no ans. left message at Carlsbad office)

3/12/1999 TD 12 1/4" hole @ 844'. RIH w/20 jts 8 5/8" J-55 24# ST&C csg. Landed @ 841'. BJ c/w 250 sx 35-65-6 6# salt 1/4# CF & 200 sx Class C 2% CC. Circ. 70 sx. Plug down @ 8:45AM.

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

Signed Wanda 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.

•See Instruction on Reverse Side

PROPERTY	DOI	MO/YR	PROPERTY NAME	OWNER SQ	OWNER NAME	INTEREST	INTEREST TYPE	LAST CHANGE
001720	004	J1	05/98	SCHLEY	FEDERAL 4			
				999101	00 CHASE OIL CORPORATION	.65000000	1 WOR	5/20/98
				999104	00 RICHARD L. CHASE	.03000000	1 WOR	5/20/98
				999105	00 GERENE DIANNE CHASE CROUCH	.02000000	1 WOR	5/20/98
				999106	00 ROBERT C. CHASE	.05000000	1 WOR	5/20/98
				999107	00 MACK C. CHASE TRUST	.25000000	1 WOR	5/20/98
TOTAL INTEREST						1.00000000		