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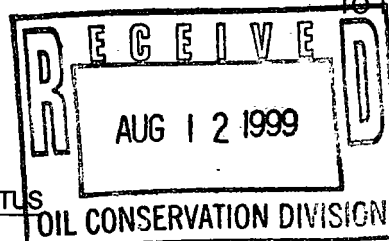
Form C-142

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

OIL CONSERVATION DIVISION

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

[Signature]
Notary Public

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:

PV2V2006333870

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTSUBMIT IN DUPLICATE*
(See other in-
struction 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. NM-29281	
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. Schley Federal #4	
3. ADDRESS AND TELEPHONE NO. P.O. Box 960, Artesia, NM 88211-0960 (505) 748-1288						9. API WELL NO. 30-015-30451	
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						10. FIELD AND POOL, OR WILDCAT East Empire Yeso	
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	
13 3/8, K-55		54		319		17 1/2	
8 5/8, J-55		24		841		12 1/4	
5 1/2, J-55		17 & 15.5		5205		7 7/8	
29. LINER RECORD				30. TUBING RECORD			
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT	
31. PERFORATION RECORD (Interval, size and number) 4711.5-5041, 1/2, 36				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	
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 4/28/1999	HOURS TESTED 24	CHOKE SIZE	PROD'N FOR TEST PERIOD →	OIL-BBL. 85	GAS-MCF. 225	WATER-BBL. 45	GAS-OIL RATIO 2647
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE →	OIL-BBL. 85	GAS-MCF. 225	WATER - BBL. 45	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 <u>Cassidy D. Cuth</u>		TITLE <u>Production Analyst</u>		DATE <u>06/18/99</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.

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

SUBMIT IN TRIPLICATE

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Designation and Serial No. NM-29281
2. Name of Operator Mack Energy Corporation		6. If Indian, Allottee or Tribe Name
3. Address and Telephone No. P.O. Box 960, Artesia, NM 88211-0960 (505)748-1288		7. If Unit or CA, Agreement Designation
4. Location of Well (Footage, Sec., T. R., M. or Survey Description) Sec. 29-T17S-R29E, 2180 FSL & 430 FWL		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

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