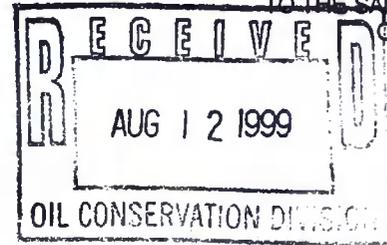


**District I** - (505) 393-6161  
1625 N. French Dr  
Hobbs, NM 88241-1980  
**District II** - (505) 748-1283  
811 S. First  
Artesia, NM 88210  
**District III** - (505) 334-6178  
1000 Rio Brazos Road  
Aztec, NM 87410  
**District IV** - (505) 827-7131

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 Gold Star Federal					Well Number 4	API Number 30-015-30309		
UL A	Section 30	Township 17S	Range 29E	Feet From The 330	North/South Line North	Feet From The 990	East/West Line East	County Eddy, NM

II. Date/Time Information

Spud Date 6/17/99	Spud Time 10:00 am	Date Completed 7/7/99	Pool 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 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 Cassia D. Cat  
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>Mark P. Kelly</u>	Title <u>P.E. Spee</u>	Date <u>OCT 1 1999</u>
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VII. DATE OF NOTIFICATION TO THE SECRETARY OF THE TAXATION AND REVENUE DEPARTMENT: 10/1/99

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

**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>											
1a. TYPE OF WELL: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> Other _____					5. LEASE DESIGNATION AND SERIAL NO. <b>NM-29267</b>						
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 _____					6. IF INDIAN, ALLOTTEE OR TRIBE NAME						
2. NAME OF OPERATOR <b>Mack Energy Corporation</b>											
3. ADDRESS AND TELEPHONE NO. <b>P.O. Box 960, Artesia, NM 88211-0960 (505) 748-1288</b>											
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*											
At surface					330 FNL 990 FEL						
At top prod. Interval reported below					330 FNL 990 FEL						
At total depth					330 FNL 990 FEL						
14. PERMIT NO.				DATE ISSUED		12. COUNTY OR PARISH <b>Eddy</b>		13. STATE <b>NM</b>			
15. DATE SPUNNED <b>6/17/99</b>		16. DATE T.D. REACHED <b>6/25/99</b>		17. DATE COMPL (Ready to prod.) <b>7/7/99</b>		18. ELEVATIONS (DF, RK3, RT, GR, ETC.) <b>3642</b>		19. ELEV. CASING HEAD <b>3631</b>			
20. TOTAL DEPTH, MD & TVD <b>4309</b>		21. PLUG, BACK T.D., MD & TVD <b>4256</b>		22. IF MULTIPLE COMPL., HOW MANY*		23. INTERVALS DRILLED BY → <b>Yes</b>		ROTARY TOOLS <b>Yes</b>			
24. PRODUCING INTERVAL (S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)* <b>3850.5-4135 Paddock</b>								25. WAS DIRECTIONAL SURVEY MADE <b>Yes</b>			
26. TYPE ELECTRIC AND OTHER LOGS RUN <b>Gamma Ray, Neutron, Density, Lateralog, Spectral Gamma Ray</b>								27. WAS WELL CORED <b>No</b>			
<b>28. CASING RECORD (Report all strings set in well)</b>											
CASING SIZE/GRADE		WEIGHT, LB/FT		DEPTH SET (MD)		HOLE SIZE		TOP OF CEMENT, CEMENTING RECORD		AMOUNT PULLED	
<b>13 3/8, K-55</b>		<b>48</b>		<b>316</b>		<b>17 1/2</b>		<b>400sx</b>		<b>None</b>	
<b>8 5/8, K-55</b>		<b>24</b>		<b>768</b>		<b>12 1/4</b>		<b>450sx</b>		<b>None</b>	
<b>5 1/2, J-55</b>		<b>15.5</b>		<b>4273</b>		<b>7 7/8</b>		<b>890sx</b>		<b>None</b>	
29. LINER RECORD					30. TUBING RECORD						
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT		SCREEN (MD)		SIZE	
										<b>2 7/8</b>	
										<b>4168</b>	
31. PERFORATION RECORD (Interval, size and number) <b>3850.5-4135, 1/2, 75</b>					32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC						
					DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED				
					<b>3850.5-4135</b>		<b>2500 gals 15% NE acid</b>				
					<b>3850.5-4135</b>		<b>32,000 gals 20% NE acid</b>				
33. PRODUCTION											
DATE FIRST PRODUCTION <b>7/12/99</b>		PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump) <b>Pumping, 2 1/2 x 2 x 20' RHBC-HVR-PAP-BNC</b>					WELL STATUS (Producing or shut-in) <b>Producing</b>				
DATE OF TEST <b>7/14/99</b>		HOURS TESTED <b>24</b>		CHOKE SIZE		PROD'N FOR TEST PERIOD →		OIL-BBL. <b>94</b>		GAS-MCF. <b>131</b>	
FLOW. TUBING PRESS.		CASING PRESSURE		CALCULATED 24-HOUR RATE →		OIL-BBL. <b>94</b>		GAS-MCF. <b>131</b>		WATER-BBL. <b>489</b>	
										GAS-OIL RATIO <b>1393</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 *Cynthia D. Carter* TITLE Production Clerk DATE 7/15/99

\*(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

5. Lease Designation and Serial No.

NM-29267

6. If Indian, Allottee or Tribe Name

7. If Unit or CA. Agreement Designation

8. Well Name and No.

Gold Star Federal #4

9. API Well No.

30-015-30309

10. Field and Pool, or Exploratory Area

East Empire Yeso

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 988211-0960

505-748-1288

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

Sec. 30-T17S-R29E 330 FNL & 990 FEL

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

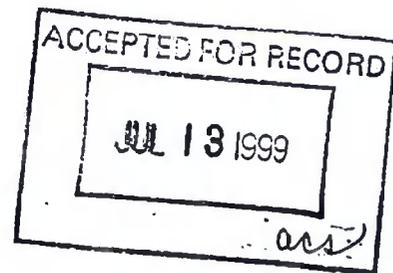
TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input checked="" type="checkbox"/> Other <u>Spud &amp; 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.)

6/17/1999 Spud 17 1/2" hole 10:00AM. Called Don Early @ BLM office. Lost circ at 158' mix fresh water mud pill got returns back for 1 hour, no returns but fluid level stayed at 3' below cellar, TD hole at 322' at 5:30PM (called BLM no answer on cell phone left message at main #, circ POH, rig csg crew up RIH with 8 jts 13 3/8" 61# ST&C K-55, shoe jt 46' with notched collar and baffle plate set at 316' rig csg crew down rig up BJ, pump 400sx Class C 2% CaCl, circ 25sx. Plug down at 7:30PM, cement fell back 36' below surface, call ready mix 5 yards and cement to surface.

6/18/1999 TD 12 1/4" hole @776' @ 3:30PM (Called BLM Carlsbad Kathey Queen), circ hole, RIH with 17 jts 8 5/8" 24# ST&C J-55 756' set @ 768', BJ Cemented w/ 250sx 35/65 6%Gel, 3#salt 1/4#CF tail in w/200sx Class C 2%CaCl, plug down 7:20PM, circ 120sx.



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

Signed Cristina D. Carter Title Production Analyst Date 7/8 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
000785	004	J1	03/98	GOLD STAR FEDERAL 4				
				001020	00 BUCKHORN ENTERPRISES CORP.	.00859275	1 WOR	5/13/98
				001070	00 BILLY W. CHASE	.00859275	1 WOR	5/13/98
				007690	00 TEXACO E&P	.25000000	1 WOR	5/13/98
				999101	00 CHASE OIL CORPORATION	.36162000	1 WOR	5/13/98
				999104	00 RICHARD L. CHASE	.01865100	1 WOR	5/13/98
				999105	00 GERENE DIANNE CHASE CROUCH	.01092150	1 WOR	5/13/98
				999106	00 ROBERT C. CHASE	.04162200	1 WOR	5/13/98
				999107	00 MACK C. CHASE TRUST	.30000000	1 WOR	5/13/98
TOTAL INTEREST						1.00000000		