

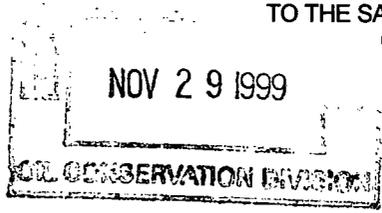
1430

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

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 Mesquite State					Well Number 3	API Number 30-015-30726		
UL N	Section 20	Township 17S	Range 29E	Feet From The 330	North/South Line South	Feet From The 2225	East/West Line West	County Eddy, NM

II. Date/Time Information

Spud Date 9/22/99	Spud Time 12:30 pm	Date Completed 10/23/99	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 Robert C. Chase Title Vice President Date 11/24/99

SUBSCRIBED AND SWORN TO before me this 24th day of November, 1999

My Commission expires: 12-9-99 Notary Public Cristina J. Cat

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 Sahly</u>	Title <u>P.E. Spec.</u>	Date <u>12-22-99</u>
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VII. DATE OF NOTIFICATION TO THE SECRETARY OF THE TAXATION AND REVENUE DEPARTMENT: 12/22/99

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

PV2V2007242507

Submit to Appropriate District Office
 State Lease - 6 copies
 Fee Lease - 5 copies
DISTRICT I
 P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
 811 South First, Artesia, NM 88210

DISTRICT III
 1000 Rio Brazos Rd., Aztec, NM 87410

State of New Mexico
 Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

2040 South Pacheco

Santa Fe, New Mexico 87505

Form C-105
 Revised 1-1-89

WELL API NO.
 30-015-30726

5. Indicate Type of Lease
 STATE FEE

6. State Oil & Gas Lease No.
 E-742

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1. Type of Well:
 OIL WELL GAS WELL DRY OTHER _____

b. Type of Completion:
 NEW WELL WORK OVER Deepen PLUG BACK DIFF RESVR OTHER _____

7. Lease Name or Unit Agreement Name
 Mesquite State

2. Name of Operator
 Mack Energy Corporation

8. Well No.
 3

3. Address of Operator
 P.O. Box 960, Artesia, NM 88211-0960

9. Pool name or Wildcat
 East Empire Yeso

4. Well Location
 Unit Letter N : 330 Feet From The South Line and 2225 Feet From The West Line

Section 20 Township 17S Range 29E NMPM Eddy County

10. Date Spudded 9/22/99 11. Date TD Reached 10/4/99 12. Date Compl. (Ready to Prod.) 10/23/99 13. Elevations (DF & RKB, RT, GR, etc.) 3629 RKB 14. Elev. Casinghead 3617

15. Total Depth 4316 16. Plug Back TD 4295 17. If Multiple Compl How Many Zones? _____ 18. Intervals Drilled By _____ Rotary Tools Yes Cable Tools _____

19. Producing Interval(s), of this completion - Top, Bottom, Name
3912-4213, Paddock 20. Was Directional Survey Made Yes

21. Type Electric and Other Logs Run
Gamma Ray, Neutron, Density, Lateralog, Spectral Gamma Ray 22. Was Well Cored _____

23. **CASING RECORD (Report all strings set in well)**

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULL
13 3/8	48	357	17 1/2	350 sx	
8 5/8	24	814	12 1/4	425 sx	
5 1/2	17	4308	7 7/8	945 sx	

24. **LINER RECORD** 25. **TUBING RECORD**

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKERS
					2 7/8"	4230	

26. Perforation record (interval, size, and number)
3912-4213', 1/2, 96 holes

27. **ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC**

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
3912-4213'	2500 gals 15% NEFE Acid
3912-4213'	32000 gals 20% HCL Acid, 54000 gals g

28. **PRODUCTION**

Date First Production 11/1/99 Production Method (*Flowing, gas lift, pumping - Size and type pump*) 2 1/2 X 2 X 20 HVR Well Status (*Prod. or Shut-in*) Prod

Date of Test	Hours Tested	Choke Size	Prod'n For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Rat
11/11/99	24			55	44	385	800

Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (Corr.)
			55	44	385	38

29. Disposition of Gas (*Sold, used for fuel, vented, etc.*)
Sold Test Witnessed By Robert C. Chase

30. List Attachments

31. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief

Signature Crissa D. Carter Printed Name Crissa D. Carter Title Production Clerk Date 11/11/99

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drill or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 25 through 29 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico Northwestern New Mexico

T. Anhy _____	T. Canyon _____	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt _____ 410	T. Strawn _____	T. Kirtland-Fruitland _____	T. Penn. "C" _____
B. Salt _____	T. Atoka _____	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates _____	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen _____ 1648	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres _____ 2323	T. Simpson _____	T. Gallup _____	T. Ignacio Otzte _____
T. Glorieta _____ 3790	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinbry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____	T. Delaware Sand _____	T. Todilto _____	T. _____
T. Drinkard _____	T. Bone Springs _____	T. Entrada _____	T. _____
T. Abo _____	T. _____	T. Wingate _____	T. _____
T. Wolfcamp _____	T. _____	T. Chinle _____	T. _____
T. Penn _____	T. _____	T. Permian _____	T. _____
T. Cisco (Bough C) _____	T. _____	T. Penn "A" _____	T. _____

OIL OR GAS SANDS OR ZONES

No. 1, from to No. 3, from to
 No. 2, from to No. 4, from to

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from to feet.....
 No. 2, from to feet.....
 No. 3, from to feet.....

LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness in Feet	Lithology	From	To	Thickness in Feet	Lithology

Submit 3 Copies to Appropriate District Office

State of New Mexico Energy, Minerals and Natural Resources Department

Form C-103 Revised 1-1-89

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DISTRICT I P.O. Box 1980, Hobbs NM 88240

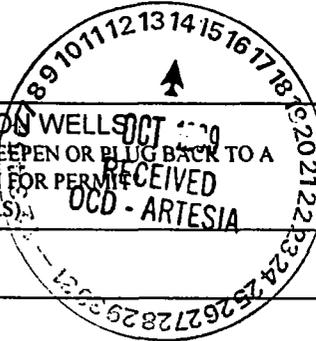
OIL CONSERVATION DIVISION 2040 South Pacheco Santa Fe, New Mexico 87505

DISTRICT II 811 South First, Artesia, NM 88210

DISTRICT III 1000 Rio Brazos Rd, Aztec, NM 87410

WELL API NO. 30-015-30726
5. Indicate Type of Lease STATE [X] FEE []
6. State Oil & Gas Lease No. E-742

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT (FORM C-101) FOR SUCH PROPOSALS).
1. Type Of Well: OIL WELL [X] GAS WELL [] OTHER []
2. Name of Operator Mack Energy Corporation
3. Address of Operator P.O. Box 960 Artesia, NM 88211-0960
4. Well Location Unit Letter N : 330 Feet From The South Line and 2225 Feet From The West Line
Section 20 Township 17S Range 29E NMPM Eddy, NM County
10. Elevation (Show whether DF, RKB, RT, GR, etc.) 3617



11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data
NOTICE OF INTENTION TO:
PERFORM REMEDIAL WORK [] PLUG AND ABANDON []
TEMPORARILY ABANDON [] CHANGE PLANS []
PULL OR ALTER CASING []
OTHER: []
SUBSEQUENT REPORT OF:
REMEDIAL WORK [] ALTERING CASING []
COMMENCE DRILLING OPNS. [] PLUG AND ABANDONMENT []
CASING TEST AND CEMENT JOB []
OTHER: Spud & Cement Casings [X]

12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

9/22/1999 12:30pm Spud 17 1/2" hole.
9/23/1999 TD 17 1/2" hole @ 360'. RIH w/8 jts 13 3/8" 48# K-55 ST&C landed @ 357'. RU BJ & c/w 350sx Class C 2% CC. Circ 127sx. Plug down @ 8:45am. 9:00 PM spud 12 1/4" hole.
9/24/1999 TD 12 1/4" hole @ 817'. RIH w/18 jts 8 5/8" 24# J-55 ST&C Landed @ 814'. C/w 225sx 35-65-6 1/4# CF 3# salt & 200sx Class C 2% CC. Circ 54sx Plug down @ 9:30pm.
10/04/1999 TD 7 7/8" hole @ 4316'.
10/05/1999 RIH w/107 jts used 5 1/2" J-55 17# landed @ 4308' PBD @ 4295' MK JT @ 3995' & DV Tool @ 3755'. RU BJ & cmt 1st stage w/120sx 50-50-2 .5% FL-25 5# salt. Open hydraulic DV Tool & circ 47sx. Circ 6 hrs. Cmt 2nd stage w/575 sx 35-65-6 1/4# CF 3# salt & 250sx 50-50-2 .5% FL-25 5# salt. Circ 87sx Plug down @ 8:30pm.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.
SIGNATURE Crissa D. Carter TITLE Production Analyst DATE 10/14/99
TYPE OR PRINT NAME Crissa D. Carter TELEPHONE NO. (505)748-1288

(This space for State Use)
ORIGINAL SIGNED BY TIM W. GUM DISTRICT II SUPERVISOR
APPROVED BY DATE 10-15-99
CONDITIONS OF APPROVAL, IF ANY:

PROPERTY	DOI	MO/YR	PROPERTY NAME	OWNER SQ	OWNER NAME	INTEREST	INTEREST TYPE	LAST CHANGE
001308	003	J1	01/98	MESQUITE STATE 3				
				999101	00 CHASE OIL CORPORATION	.65000000	1 WOR	8/24/99
				999104	00 RICHARD L. CHASE	.03000000	1 WOR	8/24/99
				999105	00 GERENE DIANNE CHASE CROUCH	.02000000	1 WOR	8/24/99
				999106	00 ROBERT C. CHASE	.05000000	1 WOR	8/24/99
				999107	00 MACK C. CHASE TRUST	.25000000	1 WOR	8/24/99
TOTAL INTEREST						1.00000000		