

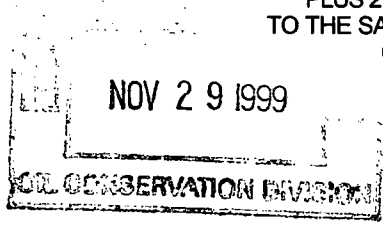
1430

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

Form C-142  
Date 06/99

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:  
1. I am the Operator, or authorized representative of the Operator, of the above-referenced well.  
2. 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 Crisa 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 Bahly</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 ☐

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 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**

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

**25. TUBING RECORD**

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

of any newly

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

**Southeastern New Mexico    Northwestern New Mexico**

OIL OR GAS SANDS OR ZONES

## IMPORTANT WATER SANDS

No. 1, from ..... to ..... feet .....

No. 2, from ..... to ..... feet .....

No. 3, from ..... to ..... feet .....

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

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

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811 South First, Artesia, NM 88210

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1000 Rio Brazos Rd, Aztec, NM 87410

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

WELL API NO. 30-015-30726
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. E-742
7. Lease Name or Unit Agreement Name Mesquite State
8. Well No. #3
9. Pool name or Wildcat East Empire Yeso

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

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data	
<b>NOTICE OF INTENTION TO:</b>	<b>SUBSEQUENT REPORT OF:</b>
PERFORM REMEDIAL WORK <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>
OTHER: <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
	CASING TEST AND CEMENT JOB <input type="checkbox"/>
	OTHER <input checked="" type="checkbox"/> Spud & Cement Casings

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' PBTD @ 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 BGA TITLE \_\_\_\_\_ 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		