

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

OCT 19 1999

CONSERVATION DIVISION

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 1	API Number 30-015-30037			
UL L	Section 20	Township 17S	Range 29E	Feet From The 1650	North/South Line South	Feet From The 330	East/West Line West	County Eddy, NM

II. Date/Time Information			
Spud Date 8/9/99	Spud Time 8:00pm	Date Completed 9/7/99	Pool East Empire Yeso

- 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 <u>New Mexico</u>)		ss.
County of <u>Eddy</u>)		
<u>Robert C. Chase</u> , 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 <u>Robert C. Chase</u>	Title <u>Vice President</u>	Date <u>9/21/99</u>
SUBSCRIBED AND SWORN TO before me this <u>21st</u> day of <u>September</u> , 1999		
My Commission expires: <u>12-9-99</u>	Notary Public <u>Cristina D. Cant</u>	

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>Mack</u>	Title <u>P.E. Spee.</u>	Date <u>NOV 8 - 1999</u>
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- VII. DATE OF NOTIFICATION TO THE SECRETARY OF THE TAXATION AND REVENUE DEPARTMENT: 11/9/99

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

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

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

WELL API NO. 30-015-30037
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. #1
9. Pool name or Wildcat East Empire Yeso

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.)

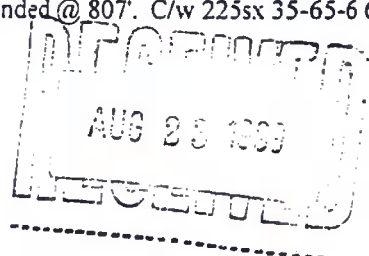
1. Type Of Well: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>
2. Name of Operator Mack Energy Corporation
3. Address of Operator P.O. Box 960 Artesia, NM 88211-0960
4. Well Location Unit Letter <u>L</u> : <u>1650</u> Feet From The <u>South</u> Line and <u>330</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.) 3646

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>		CASING TEST AND CEMENT JOB <input type="checkbox"/>	
OTHER: <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.

08/09/1999 MIRU AFT #2 Spud 17 1/2" hole @ 4:00PM. TD 17 1/2" hole @ 8:00PM. RIH w/4 jts 13 3/8" 54.5# K-55 ST&C csg Landed @ 145'. C/w 125sx Class C 2% CC. Circ 31sx. Plug down 10:00PM.
08/10/1999 10:30AM Spud 12 1/4" hole.
08/11/1999 2:30PM TD 12 1/4" hole @ 812'. RIH w/18 jts new 8 5/8" J-55 24# ST&C csg Landed @ 807'. C/w 225sx 35-65-6 6# salt 1/4# CF & 200sx Class C 2% CC. Circ 71sx. Plug down @ 7:45PM



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 08/13/99

TYPE OR PRINT NAME Crissa D. Carter TELEPHONE NO. (505)748-1288

(This space for State Use)

APPROVED BY Jim W. Green TITLE District Supervisor DATE 8-16-99

CONDITIONS OF APPROVAL, IF ANY:

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.

30-015-30037

5. Indicate Type of Lease

STATE ☒

FEE ☐

6. State Oil & Gas Lease No.

E-742

7. Lease Name or Unit Agreement Name

Mesquite State

8. Well No.

1

9. Pool name or Wildcat

East Empire Yeso

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 L : 1650

Feet From The

South

Line and

330

Feet From The

West

Line

Section

20

Township

17S

Range

29E

NMPM

Eddy

County

10. Date Spudded

8/9/1999

11. Date TD Reached

8/22/1999

12. Date Compl. (Ready to Prod.)

9/7/1999

13. Elevations (DF & RKB, RT, GR, etc.)

3658

14. Elev. Casinghead

3646 GR

15. Total Depth

4218

16. Plug Back TD

4187

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

3874-4156.5, Paddock

20. Was Directional Survey Made

Yes

21. Type Electric and Other Logs Run

CSNG, DSN, SDL, GR, DLL, MSFL

22. Was Well Cored

No

CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13 3/8, K-55	54.5	145	17 1/2	125	
8 5/8, K-55	24	807	12 1/4	425	
5 1/2 J-55	15.5	4211	7 7/8	1010	

LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2 7/8"	4181	

26. Perforation record (interval, size, and number)

3874-4156.5, .41, 69

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
3874-4156.5	2500 gals 15% NE acid
3874-4156.5	32,000 gals 20% NE acid

PRODUCTION

Date First Production		Production Method (Flowing, gas lift, pumping - Size and type pump)				Well Status (Prod. or Shut-in)	
<u>9/10/1999</u>		<u>Pumping, 2 X 1 1/2 X 10 HVR PAP</u>				<u>Prod</u>	
Date of Test	Hours Tested	Choke Size	Prod'n For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
<u>9/18/1999</u>	<u>24</u>			<u>52</u>	<u>62</u>	<u>289</u>	<u>1192</u>
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (Corr.)	
			<u>52</u>	<u>62</u>	<u>289</u>	<u>38</u>	

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 Analyst

Date

9/21/1999

PROPERTY	DOI MO/YR	PROPERTY NAME	OWNER SQ	OWNER NAME	INTEREST	INTEREST TYPE	LAST CHANGE
001308	001	JI	01/98	MESQUITE STATE 1			
			999 101 00	CHASE OIL CORPORATION	.65000000	1 WOR	8/18/98
			999 104 00	RICHARD L. CHASE	.03000000	1 WOR	8/18/98
			999 105 00	GERENE DIANNE CHASE CROUCH	.02000000	1 WOR	8/18/98
			999 106 00	ROBERT C. CHASE	.05000000	1 WOR	8/18/98
			999 107 00	MACK C. CHASE TRUST	.25000000	1 WOR	8/18/98
				TOTAL INTEREST	1.00000000		