

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
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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 9/21/99

SUBSCRIBED AND SWORN TO before me this 21st day of September, 1999

My Commission expires: 12-9-99 Notary Public Cristina D. Cant

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 Hally</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.

Submit 3 Copies
to Appropriate
District Office

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-103
Revised 1-1-89

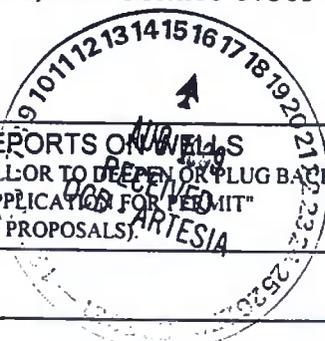
DISTRICT I
P.O. Box 1980, Hobbs NM 88240

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
10. Elevation (Show whether DF, RKB, RT, GR, etc.) 3646



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 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 L : 1650 Feet From The South Line and 330 Feet From The West Line
Section 20 Township 17S Range 29E NMPM Eddy, NM County

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

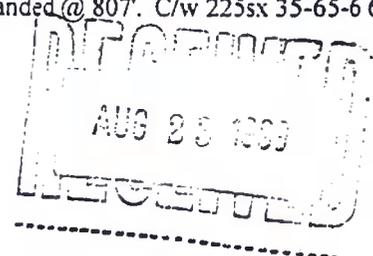
NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE 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: <u>Spud & Cement Casings</u> <input checked="" type="checkbox"/>	

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:

State Lease - 6 copies
 Fee Lease - 5 copies
DISTRICT I
 P.O. Box 1980, Hobbs, NM 88240

Energy, Minerals and Natural Resources Department

Form C-105
 Revised 1-1-89

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

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

28. Date First Production 9/10/1999 Production Method (*Flowing, gas lift, pumping - Size and type pump*) Pumping, 2 X 1 1/2 X 10 HVR PAP Well Status (*Prod. or Shut-in*) Prod

Date of Test 9/18/1999 Hours Tested 24 Choke Size _____ Prod'n For Test Period _____ Oil - Bbl. 52 Gas - MCF 62 Water- Bbl. 289 Gas - Oil Ratio 1192

Flow Tubing Press. _____ Casing Pressure _____ Calculated 24-Hour Rate _____ Oil - Bbl. 52 Gas - MCF 62 Water- Bbl. 289 Oil Gravity - API - (Corr.) 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 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		