

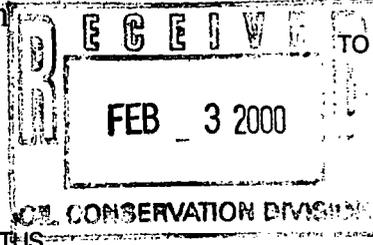
1598

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 5	API Number 30-015-30727			
UL K	Section 20	Township 17S	Range 29E	Feet From The 1650	North/South Line South	Feet From The 2310	East/West Line West	County Eddy, NM	

II. Date/Time Information

Spud Date 11/16/99	Spud Time 5:30pm	Date Completed 12/10/99	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.
Rebecca S. Ericson, 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 Rebecca S. Ericson Title Vice President Date 2/1/00
SUBSCRIBED AND SWORN TO before me this 1st day of February, 2000
My Commission expires: 12/9/03 Notary Public Crista D. 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 Kelly</u>	Title <u>P.E. Spee.</u>	Date <u>FEB 10 2000</u>
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VII. DATE OF NOTIFICATION TO THE SECRETARY OF THE TAXATION AND REVENUE DEPARTMENT: 2/11/00

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

PVZV2010848147

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

State of New Mexico
 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.
30-015-30727

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.
5

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 **K** : **1650** Feet From The **South** Line and **2310** Feet From The **West** Line
 Section **20** Township **17S** Range **29E** NMPM **Eddy, NM** County

10. Date Spudded **11/16/99** 11. Date TD Reached **11/28/99** 12. Date Compl. (Ready to Prod.) **12/10/99** 13. Elevations (DF & RKB, RT, GR, etc.) **3633** 14. Elev. Casinghead **3621**

15. Total Depth **4320** 16. Plug Back TD **4301** 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
3877.5-4159.5 Paddock

20. Was Directional Survey Made
Yes

21. Type Electric and Other Logs Run
Platform Express, Dual Lateralog, NGT

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	363	17 1/2	350 sx	
8 5/8 K-55	24	823	12 1/4	425 sx	
5 1/2 J-55	15.5	4313	7 7/8	770 sx	

24. LINER RECORD				25. TUBING RECORD			
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2 7/8	3827	

26. Perforation record (interval, size, and number)	27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
	DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
3877.5-4159.5, 1/2, 74	3877.5-4159.5	2500 gals 15% NEFE acid
	3877.5-4159.5	32,000 gals 20% HCL acid
	3877.5-4159.5	54,000 gals 40# gel

PRODUCTION

28. Date First Production **12/15/99** Production Method (Flowing, gas lift, pumping - Size and type pump) **submersible** Well Status (Prod. or Shut-in) **Producing**

Date of Test	Hours Tested	Choke Size	Prod'n For Test Period	Oil - Bbl.	Gas - MCF	Water- Bbl.	Gas - Oil Ratio
12/20/99	24	None		56	70	325	1260

Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water- Bbl.	Oil Gravity - API - (Corr.)
			56	70	325	

29. Disposition of Gas (Sold, used for fuel, vented, etc.)
Sold

Test Witnessed By _____

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 1/26/2000

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. 30-015-30727
5. Indicate Type of Lease STATE [X] FEE []
6. State Oil & Gas Lease No. E-742
7. Lease Name or Unit Agreement Name Mesquite State
8. Well No. #5
9. Pool name or Wildcat East Empire Yeso
10. Elevation (Show whether DF, RKB, RT, GR. etc.) 3621



SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO DIFFERENT RESERVOIR. USE "APPLICATION FOR PERCEIVED" (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 K : 1650 Feet From The South Line and 2310 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: 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 Surface 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.
11/13/1999 Mouse hole & rat hole kept caving in. Set 40' of conductor pipe & ready mix to surface.
11/16/1999 MIRU AFT #2 Spud 17 1/2" hole @ 5:30PM. Lost circ. @ 45'.
11/17/1999 TD 17 1/2" hole @ 5:00AM @ 368'. RIH w/8 jts 13 3/8" new K-55 54.5# ST&C landed @ 363'. C/w 350sx Class C 2% CC. Got circ back & circ 22sx but cmt fell back to 45'. Ready mix w/6 yds to surface. Plug down @ 9:30AM.

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 11/22/1999
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 11-23-95
CONDITIONS OF APPROVAL, IF ANY:

PROPERTY	DOI	MO/YR	PROPERTY NAME	OWNER SQ	OWNER NAME	INTEREST	INTEREST TYPE	LAST CHANGE
001308	005	J1	01/98	MESQUITE STATE 5				
				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		