

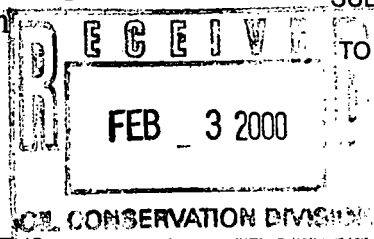
1598

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:

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 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 Chris 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

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. 30-015-30727
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. E-742

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1. Type of Well: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> OTHER _____		7. Lease Name or Unit Agreement Name Mesquite State	
b. Type of Completion: NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> Deepen <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF RESVR <input type="checkbox"/> OTHER _____		8. Well No. 5	
2. Name of Operator Mack Energy Corporation		9. Pool name or Wildcat East Empire Yeso	
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			
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 Yes
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) 3877.5-4159.5, 1/2, 74	27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
	DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
	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

28. PRODUCTION							
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 12/20/99	Hours Tested 24	Choke Size None	Prod'n For Test Period	Oil - Bbl. 56	Gas - MCF 70	Water- Bbl. 325	Gas - Oil Ratio 1260
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl. 56	Gas - MCF 70	Water- Bbl. 325	Oil Gravity - API - (Corr.)	

29. Disposition of Gas (Sold, used for fuel, vented, etc.) Sold	Test Witnessed By
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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 ☒ 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

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 ☒ 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

10. Elevation (Show whether DF, RKB, RT, GR. etc.)
3621

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

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 11-23-99

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		