

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

DISTRICT II
P.O. Drawer DD, 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
P.O. Box 2088
Santa Fe, New Mexico 87504-2088

Form C-105
Revised 1-1-89

WELL API NO.

30-025-32105

5. Indicate Type of Lease

STATE ☒

FEE ☐

6. State Oil & Gas Lease No.

LG 2750

7. Lease Name or Unit Agreement Name

Mobil Lea State

8. Well No.

3

9. Pool name or Wildcat

Lea Delaware, N.E.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well:

OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐

b. Type of Completion:

NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DUFF RESVR ☐ OTHER ☐

2. Name of Operator

ARMSTRONG ENERGY CORPORATION

3. Address of Operator

P.O. Box 1973, Roswell, New Mexico 88202-1973

4. Well Location

Unit Letter M: 990 Feet From The South Line and 870 Feet From The West Line

Section 2 Township 20S Range 34E NMPM Lea County

10. Date Spudded

08-05-93

11. Date T.D. Reached

08-21-93

12. Date Compl. (Ready to Prod)

09-05-93

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

3662.2 GR

14. Elev. Casinghead

3657.4

15. Total Depth

6300'

16. Plug Back T.D.

6252'

17. If Multiple Compl. How Many Zones?

18. Intervals Drilled By

Rotary Tools

Cable Tools

X

19. Producing Interval(s), of this completion - Top, Bottom, Name

5894' - 6098' Delaware

20. Was Directional Survey Made

Yes

21. Type Electric and Other Logs Run

Comp, Neutron Density, Dual Laterolog Micro Laterolog

22. Was Well Cored

Yes - Sidewall Cores

23. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB/FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
16"	54#	42'	22"	3 Cubic Yards	None
9 5/8"	36#	1700'	14 3/4"	1100 Sx.-Circ.	None
5 1/2"	15.50#	6300'	8 3/4"-7 7/8"	1st Stg-414 Sx DV Top 5126'	None
				2nd Stg-1600 Sx Circ.	

24. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET

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

5918' - 5936' 30 Shots

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
5918'-5936'	3000 gal. 7 1/2% NEFE Acid
	20,000 gal. 47,400# 16/30 Sand

28. PRODUCTION

Date First Production		Production Method (Flowing, gas lift, pumping - Size and type pump)				Well Status (Prod. or Shut-in)	
09-05-93		Pumping				Producing	
Date of Test	Hours Tested	Choke Size	Prod n For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
09-11-93	24 Hrs.	2"		210	74	47	352 to 1
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (Corr.)	
30#	30#		210	74	47	390	

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

Sold

Test Witnessed By

Tommy Scroggin

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

Thomas K. Scroggin

Printed Name

Thomas K. Scroggin

Operations
Supervisor

Date 09-14-93

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 25 through 29 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

Northwestern New Mexico

T. Anhy _____	T. Canyon _____	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt 1590'	T. Strawn _____	T. Kirtland Fruitland _____	T. Penn. "C" _____
B. Salt 2880'	T. Atoka _____	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates 2880'	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers 3165'	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen 4140'	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg 4940'	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres _____	T. Simpson _____	T. Galleg _____	T. Ignacio Otzie _____
T. Green Delaware 5110'	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinbry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____	T. Delaware Sand _____	T. Todilto _____	T. _____
T. Drinkard _____	T. Bone Springs _____	T. Entrada _____	T. _____
T. Abo _____	T. _____	T. Wingate _____	T. _____
T. Wolfcamp _____	T. _____	T. Chinle _____	T. _____
T. Penn _____	T. _____	T. Permian _____	T. _____
T. Cisco (Bough C) _____	T. _____	T. Penn "A" _____	T. _____

OIL OR GAS SANDS OR ZONES

No. 1, from 5622' to 5744'	No. 3, from _____ to _____
No. 2, from 5894' to 6098'	No. 4, from _____ to _____

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.		
No. 1, from _____ to _____	_____	feet
No. 2, from _____ to _____	_____	feet
No. 3, from _____ to _____	_____	feet

LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness in Feet	Lithology	From	To	Thickness in Feet	Lithology
0	1600	1600	Sand & Anhydrite				
1600	2900	1300	Salt				
2900	5100	2200	Dolomite & Sand				
5100	5375	275	Dolomite				
5375	6100	725	Sand				
6100	6300	200	Lime				