

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

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.	30-025-31928
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.	2
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 ☐ DDF 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 L: 1800 Feet From The South Line and 990 Feet From The West Line

Section 2 Township 20S Range 34E NMPM Lea County

10. Date Spudded 03-19-93 11. Date T.D. Reached 04-03-93 12. Date Compl. (Ready to Prod) 04-16-93

13. Elevations (DF & RKB, RT, GR, etc.) 3669.2 GR 14. Elev. Casinghead 3664.4

15. Total Depth 6256' 16. Plug Back T.D. 6208' 17. If Multiple Compl. How Many Zones? 1

18. Intervals Drilled By Rotary Tools X Cable Tools

19. Producing Interval(s), of this completion - Top, Bottom, Name
5868' - 6048' 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
No

CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB/FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
16"	54#	40'	22"	3 Cubic Yards	None
9 5/8"	36#	1702'	14 3/4"	1200 Sx. - Circ.	None
5 1/2"	15.50#	6256'	8 3/4"-7 7/8"	1st Stage - 380 Sx	None
				DV Tool 5171'	
				2nd Stage-1600 Sx Circ.	

LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

SIZE	DEPTH SET	PACKER SET

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

5890' - 5930' 39 Shots

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
5890'-5930'	3000 gal. 7½% NEFE Acid
	20,000 gal. 46,200# 16/30
	Sand

28. PRODUCTION

Date First Production <u>04-16-93</u>	Production Method (If flowing, gas lift, pumping - Size and type pump) <u>Flowing</u>	Well Status (Prod. or Shut-in) <u>Producing</u>
Date of Test <u>04-24-93</u>	Hours Tested <u>24 Hrs.</u>	Choke Size <u>1 1/2"</u>
Flow Tubing Press. <u>30#</u>	Casing Pressure <u>60#</u>	Calculated 24-Hour Rate <u>211</u>
	Oil - Bbl. <u>211</u>	Gas - MCF <u>84</u>
	Water - Bbl. <u>14 Load Wtr.</u>	Gas - Oil Ratio <u>398 to 1</u>
	Oil Gravity - API - (Corr.) <u>39°</u>	

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

30. List Attachments
Test Witnessed By
Tommy Scroggin

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 Title Operations Supervisor Date 04-26-93

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 completion wells, 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 1600'	T. Strawn _____	T. Kirtland Fruitland _____	T. Penn. "C" _____
B. Salt 3500'	T. Atoka _____	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates 3500'	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers 3790'	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen 4655'	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg 4890'	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres 5100'	T. Simpson _____	T. Gallup _____	T. Ignacio Otzie _____
T. Cliff House Delaware 5345'	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinberry _____	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.....5590'.....to.....5660'.....	No. 3, from.....to.....
No. 2, from.....5868'.....to.....6048'.....	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	3500	1900	Salt				
3500	4900	1400	Dolomite & Sand				
4900	5550	650	Dolomite				
5550	6050	500	Sand				
6050	6200	150	Lime				