

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. 30-025-32310
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. 4
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 ☐ DIT RESVR ☐ OTHER ☐			
2. Name of Operator ARMSTRONG ENERGY CORPORATION			
3. Address of Operator P.O. Box 1974, Roswell, New Mexico 88202-1973			
4. Well Location Unit Letter <u>N</u> : <u>1155</u> Feet From The <u>South</u> Line and <u>1770</u> Feet From The <u>West</u> Line Section <u>2</u> Township <u>20S</u> Range <u>34E</u> NMPM Lea County			
10. Date Spudded 12-07-93	11. Date T.D. Reached 12-21-93	12. Date Compl. (Ready to Prod) 01-08-94	13. Elevations (DF & RKB, RT, GR, etc.) 3667.9 GR
14. Elev. Casinghead 3663.1	15. Total Depth 6285'		
16. Plug Back T.D. 6237'	17. If Multiple Comp. How Many Zones?	18. Intervals Drilled By Rotary Tools <u>X</u> Cable Tools	19. Producing Interval(s), of this completion - Top, Bottom, Name 5870' - 6058'
20. Was Directional Survey Made No			21. Type Electric and Other Logs Run Comp, Neutron Density, Dual Laterolog Micro Laterolog
22. Was Well Cored No			23.

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#	1706'	14 3/4"	1050 Sx.-Circ.	None
5 1/2"	15.50#	6285'	8 3/4"-7 7/8"	1st Stg-360 Sx DV Tool 5166'	None
				2nd Stg-1550 Sx Circ.	

24. LINER RECORD					25. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET

26. Perforation record (interval, size, and number) 5910' - 5940' 31 Shots	27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. DEPTH INTERVAL 5910'-5940' AMOUNT AND KIND MATERIAL USED 3000 gal. 7 1/2% NEFE Acid 20,000 gal. 46,200# 16/30 Sand
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28. PRODUCTION					
Date First Production 01-08-94		Production Method (Flowing, gas lift, pumping - Size and type pump) Pumping		Well Status (Prod. or Shut-in) Producing	
Date of Test 01-13-94	Hours Tested 24 Hrs.	Choke Size 2"	Prod'n For Test Period Oil - Bbl. 222 Gas - MCF 77 Water - Bbl. Load 15	Gas - Oil Ratio 346 to 1	
Flow Tubing Press. 30#	Casing Pressure 30#	Calculated 24-Hour Rate	Oil - Bbl. 222 Gas - MCF 77 Water - Bbl. Load 15	Oil Gravity - API - (Corr.) 39°	
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

Printed

Operations

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 1605'	T. Strawn _____	T. Kirtland Fruitland _____	T. Penn. "C" _____
B. Salt 3600'	T. Atoka _____	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates 3600'	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers 3680'	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen 4665'	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres _____	T. Simpson _____	T. Gallup _____	T. Ignacio Otzie _____
T. Orange Delaware 5435'	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. Todillo _____	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 5684' to 5715' No. 3, from 5870' to 6058'
 No. 2, from 5540' to 5565' 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	5500	2000	Dolomite & Sand				
5500	6050	550	Sand				
6050	6285	235	Lime				