

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 Grand Ave., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 St. Francis Dr., Santa Fe, NM 87505

OIL CONSERVATION DIVISION
1220 St. Francis Dr.
Santa Fe, NM 87505

WELL API NO.
30-025-35962
5. Indicate Type of Lease
STATE ☒ FEE ☐
State Oil & Gas Lease No. LG-2750

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well: OIL WELL ☐ GAS WELL ☐ DRY ☐ OTHER <u>Injection</u>		7. Lease Name or Unit Agreement Name Mobil Lea State	
b. Type of Completion: NEW ☒ WORK ☐ WELL OVER ☐ DEEPEN ☐ PLUG ☐ BACK ☐ DIFF. ☐ RESVR. ☐ OTHER		8. Well No. 8	
2. Name of Operator Armstrong Energy Corporation		9. Pool name or Wildcat Northeast Lea Delaware (37584)	
3. Address of Operator P.O. Box 1973, Roswell, NM 88202-1973			
4. Well Location Unit Letter <u>N</u> : <u>330</u> Feet From The <u>South</u> Line and <u>1650</u> Feet From The <u>West</u> Line Section <u>2</u> Township <u>20S</u> Range <u>34E</u> NMPM County <u>Lea</u>			
10. Date Spudded 8-19-02	11. Date T.D. Reached 9-5-02	12. Date Compl. (Ready to Prod.) 9-27-02	13. Elevations (DF& RKB, RT, GR, etc.) 3664' GR, 3677' KB
14. Elev. Casinghead 3664'			
15. Total Depth 6275'	16. Plug Back T.D. 6229'	17. If Multiple Compl. How Many Zones?	18. Intervals Drilled By Rotary Tools 0'-6275'
19. Producing Interval(s), of this completion - Top, Bottom, Name Delaware (Cherry Canyon) 5942'-5992'			20. Was Directional Survey Made No
21. Type Electric and Other Logs Run GR, Densilog, CNL, DLL, MLL, Caliper, P.E.			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
9 5/8"	36	1710	14 3/4"	850sx HLC+200 sx PP	None, circ. 135 sx
5 1/2"	15.5	6275	8 1/2" & 7 7/8"	1 st Stage 250 sx	Circ. 55 sx
				50/50 Pozmix	
				2 nd Stage 1425 sx	None, circ. 40 sx
				Interfill, 100 sx PP	

LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2 3/8" P.C.	5863'	5863'

26. Perforation record (interval, size, and number)
5942-70', 5974-77', 5982-84', 5988-92', 1 jsfp, 41 shots

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
5942-92'	3000 gals. 12 1/2% NEFE W/ ballsealers
5942-92'	19,000 gals. Hybor G3.5195 Gel carrying
	47,200# 16/30 Ottawa sand

28. PRODUCTION

Date First Production 9-27-02 (Injection)		Production Method (Flowing, gas lift, pumping - Size and type pump) Pumping		Well Status (Prod. or Shut-in) Injecting	
Date of Test 9-27-02	Hours Tested 24 hours	Choke Size	Prod'n For Test Period	Oil - Bbl	Gas - MCF
					Water - Bbl. 550
Flow Tubing Press. (Injection) Vacuum	Casing Pressure 0 psi	Calculated 24- Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl. 550
					Oil Gravity - API - (Corr.)

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

N.A.

Test Witnessed By
Tommy Scroggin

30. List Attachments

GR, Densilog, CNL, DLL, MLL, Deviation Survey

31. I hereby certify that the information shown on both sides of this form as true and complete to the best of my knowledge and belief

Signature

Printed

Name Bruce A. Stubbs

Title Engineer

Date 10-2-02

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 1595	T. Canyon	T. Ojo Alamo	T. Penn. "B"
T. Salt 1710	T. Strawn	T. Kirtland-Fruitland	T. Penn. "C"
B. Salt 3431	T. Atoka	T. Pictured Cliffs	T. Penn. "D"
T. Yates 3612	T. Miss	T. Cliff House	T. Leadville
T. 7 Rivers 3835	T. Devonian	T. Menefee	T. Madison
T. Queen 4655	T. Silurian	T. Point Lookout	T. Elbert
T. Grayburg 5050	T. Montoya	T. Mancos	T. McCracken
T. San Andres 5300	T. Simpson	T. Gallup	T. Ignacio Otzte
T. Delaware 5596	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.....5938.....to.....6024.....

No. 3, from.....to.....

No. 2, from.....to.....

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	1595	1595	Sand & Gravel				
1595	1710	115	Anhydrite				
1710	3431	1721	Salt & anhydrite				
3431	4655	1224	Sand & Dolomite				
4655	5596	941	Sand & Dolomite				
5596	6275	679	Sand				

L & M DRILLING, INC.

OIL WELL DRILLING CONTRACTORS
PO BOX 1370 ARTESIA, NEW MEXICO 88211-1370
(505) 746-4405 746-3518 748-2205

September 11, 2002

Armstrong Energy Corporation
PO Drawer 1973
Roswell, NM 88202-1973

RE: Mobil Lea State #8 - *N*
330' FSL & 1650' FWL
Sec. 2, T20S, R34E
Lea County, New Mexico

Gentlemen:

30-025-35962

The following is a Deviation Survey for the above captioned well.

DEPTH	DEVIATION	DEPTH	DEVIATION
460'	1°	3654'	2°
940'	3/4°	4147'	1 3/4°
1437'	1 1/2°	4642'	1 3/4°
1680'	1 1/4°	4760'	2°
1710'	1 1/4°	5201'	2°
2169'	3/4°	5724'	2°
2661'	1 3/4°	6192'	2°
3165'	2°	6275'	2°
3249'	2°		

Very truly yours,

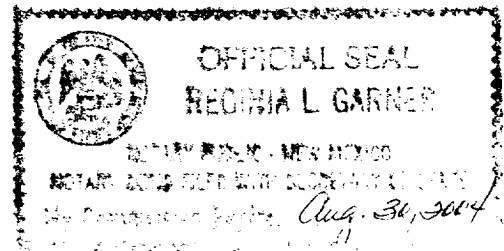
Eddie C. LaRue
Eddie C. LaRue
Vice President

STATE OF NEW MEXICO }
COUNTY OF EDDY }

The foregoing was acknowledged before me
this 11th day of September, 2002

Regina L. Garner

Notary Public



KS