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LAND OFFICE	
OPERATOR	

**NEW MEXICO OIL CONSERVATION COMMISSION
WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

Form C-105
Revised 11-1-76

5a. Indicate Type of Lease	
State ☒	Fee ☐
5. State Oil & Gas Lease No.	
L-5443-1	

1a. TYPE OF WELL	
OIL WELL ☐	GAS WELL ☐ DRY ☒ OTHER ☐
b. TYPE OF COMPLETION	
NEW WELL ☒	WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER ☐

7. Unit Agreement Name
8. Farm or Lease Name
Marilyn
9. Well No.
1

2. Name of Operator	
Armstrong Energy Corporation	
3. Address of Operator	
P.O. Box 1973, Roswell, New Mexico 88201	
4. Location of Well	

16. Field and Foot, or Wildcat
Tower-San Andres

UNIT LETTER M	LOCATED 660	FEET FROM THE South	LINE AND 760	FEET FROM
THE West	LINE OF SEC. 32	TWP. 10 S	RGE. 31 E	RANGE

12. County
Chaves

15. Date Spudded	16. Date T.D. Reached	17. Date Compl. (Ready to Prod.)	18. Elevations (DF, RKB, RT, GR, etc.)	19. Elev. Casinghead
4/30/81	7/30/81	8/9/81	4344.4 GL	
20. Total Depth	21. Plug Back T.D.	22. If Multiple Compl., How Many	23. Intervals Drilled By	Rotary Tools
4,088'	4088		125-4,088	Cable Tools
				0-125

25. Was Directional Survey Made
Yes

24. Producing Interval(s), of this completion - Top, Bottom, Name	
3,972' - 4,046' - San Andres	

26. Type Electric and Other Logs Run	27. Was Well Cored
Dual Laterolog/Micro Laterolog and Sidewall Neutron	No

28. CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8"	23#	1,422'	12 1/4"	300 sx. Cal. Chl.	
				200 sx. Class C	
4-1/2"	10 1/2#	4,088'	7-7/8"	250 sx. Class C	

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-3/8"	4,000'	3,916'

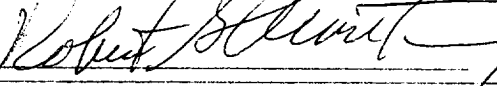
31. Perforation Record (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.							
3972-74, 3978-80, 3988-90, 3993, 4,007, 4,013, 4028, 4032, 4036, 4041, 4046 with 1 perforation per foot, total 17 holes		<table border="1"> <tr> <td>DEPTH INTERVAL</td> <td>AMOUNT AND KIND MATERIAL USED</td> </tr> <tr> <td>3972-4046</td> <td>500 gal. 15% MCA</td> </tr> <tr> <td></td> <td>5000 gal. 20% NEFE and CO₂</td> </tr> </table>		DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED	3972-4046	500 gal. 15% MCA		5000 gal. 20% NEFE and CO₂
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED								
3972-4046	500 gal. 15% MCA								
	5000 gal. 20% NEFE and CO₂								

33. PRODUCTION							
Date First Production		Production Method (Flowing, gas lift, pumping - Size and type pump)				Well Status (Prod. or Shut-in)	
Aug. 11, 1981		pumping				Shut-in	
Date of Test	Hours Tested	Choke Size	Prod'n. Per Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API (Corr.)	

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

35. List of Attachments
Deviation Test and logs

36. 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.

SIGNED 	TITLE President	DATE July 9, 1982
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INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Commission 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 from 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 30 through 34 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 <u>260</u>	T. Canyon _____	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt <u>505</u>	T. Strawn _____	T. Kirtland-Fruitland _____	T. Penn. "C" _____
B. Salt <u>1470</u>	T. Atoka _____	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates <u>1575</u>	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers <u>2050</u>	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen <u>2861</u>	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg <u>3150</u>	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres <u>3310</u>	T. Simpson _____	T. Gallup _____	T. Ignacio Qtzite _____
T. Glorieta _____	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinberry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____	T. Granite _____	T. Todilto _____	T. _____
T. Drinkard _____	T. Delaware Sand _____	T. Entrada _____	T. _____
T. Abo _____	T. Bone Springs _____	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 <u>3759</u> to <u>3787</u>	No. 4, from _____ to _____
No. 2, from <u>3970</u> to <u>3990</u>	No. 5, from _____ to _____
No. 3, from _____ to _____	No. 6, 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.	_____
No. 4, from _____ to _____ feet.	_____

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	260	260	Dockum Gp				
260	378	118	Dewey Lake Fm.				
378	550	172	Rustler Fm.				
550	1470	920	Salado Fm.				
1470	1575	105	Tansill Fm.				
1575	2050	475	Yates Sand				
2050	2861	811	7 Rivers				
2861	3150	289	Queen				
3150	3310	260	Grayburg				

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JUL 19 1962

M. J. J. J.

TEX -MEX DRILLING COMPANY



P.O. BOX 3759
ABILENE, TEXAS 79604
PHONE 915/677-9121
Myrle Greathouse

BOX 1300
CLOVIS STAR ROUTE
ROSWELL, N. MEX. 88201
PHONE 505-622-0022
Monte Cowser

August 04, 1981

Armstrong Energy
P.O. Box 1973
Roswell, New Mexico 88201

RE: Maryln #1
Chaves County, New Mexico

Deviation Test

768	1
1430	1 1/8
2121	1 3/4
2497	2
3022	2
3504	1 1/2
4090	1

TEX-MEX DRILLING COMPANY

BY Monte Cowser
Monte Cowser, Vice President

Subscribed and sworn to before me this 5th day of Aug 1981
Monte Cowser
Notary Public Chaves County, New Mexico.
My Commission Expires 9-17- 1984.