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

Form C-105
Revised 11-1-81

5a. Indicate Type of Lease	
State ☐	Fee ☒
5. State Oil & Gas Lease No.	

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
Sara

2. Name of Operator
Armstrong Energy Corporation

9. Well No.
2

3. Address of Operator
P.O. Box 1973, Roswell, New Mexico 88201

10. Field and Pool, or Wildcat
Tower-San Andres

4. Location of Well				
UNIT LETTER <u>K</u>	LOCATED <u>1980</u>	FEET FROM THE <u>South</u>	LINE AND <u>1980</u>	FEET FROM
THE <u>West</u>	LINE OF SEC. <u>3</u>	TWP. <u>11 S</u>	RGE. <u>31 E</u>	

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
June 15, 1981	7/12/81	Aug. 6, 1981	4,509.5 GL	
20. Total Depth	21. Plug Back T.D.	22. If Multiple Compl., How Many	23. Intervals Drilled By	23. Intervals Drilled By
4,265'	4,170'		Rotary Tools	Cable Tools
				4,265'

24. Producing Interval(s), of this completion - Top, Bottom, Name	25. Was Directional Survey Made
Top-4,135; Bottom-4,158; San Andres	Yes

26. Type Electric and Other Logs Run	27. Was Well Cored
Sidewall Neutron Gamma Ray, Dual Laterolog Micro Laterolog	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#	1,563'	12-1/4"	250 sx. 2%&300 sx. Class C	0
4-1/2"	10.5#	4,255'	7-7/8"	250 sx. 50% POC	0

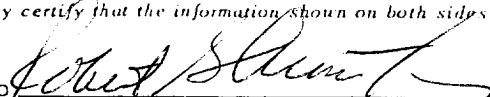
29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-3/8"	4,158'	

31. Perforation Record (Interval, size and number)	32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.
4,135, 4,144, 4,147-4,150, 4,158, 4,177-4,180, 4,187, 4,204-4,206 one shot per ft., 2 shots per ft. at 4,135 and 4,177	
	DEPTH INTERVAL
	4,135-4,206
	AMOUNT AND KIND MATERIAL USED
	5,000 gal. 20% NEFE & 15 tons CO2
	4,135-4,158
	840 gal. 15% NEFE
	4,170'
	cast iron bridge plug

33. PRODUCTION							
Date First Production		Production Method (Flowing, gas lift, pumping - Size and type pump)				Well Status (Prod. or Shut-in)	
Aug. 6, 1981		Pump - CMC 80				Producing	
Date of Test	Hours Tested	Choke Size	Prod'n. for Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas-Oil Ratio
8/25/81	24			2	TSTM	15	
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API (Corr.)	
			2	TSTM	15		

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

35. List of Attachments
Deviation Survey; Sidewall Neutron Log and Dual Laterolog

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 <u>President</u>	DATE <u>July 28, 1982</u>

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 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 30 through 34 shall be reported for each zone. The form is to be filed in triplicate 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 _____	T. Strawn _____	T. Kirtland-Fruitland _____	T. Penn. "C" _____
D. Salt <u>1,545'</u>	T. Atoka _____	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates <u>2,232'</u>	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers <u>2,353'</u>	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen <u>2,762'</u>	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres <u>3,495'</u>	T. Simpson _____	T. Gallup _____	T. Ignacio Qtzte _____
T. Glorieta _____	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinbry _____	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 4,106' to 4,230' No. 4, from _____ to _____

No. 2, from _____ to _____ 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	1210	1210	Dockum (Red Beds)	2353	2762	409	Seven Rivers (Sand & Anhy)
1210	1410	200	Dewey Lake (Sand & Anhy)	2762	3046	284	Queen (Sand & Anhydrite)
1410	1562	152	Rustler (Sand & Anhy.)	3046	3495	449	Grayburg (Sand)
1562	1948	386	Salado (Salt)	3495			San Andres (Dolomite)
1948	2060	112	Tansill (Anhydrite)				
2060	2353	293	Yates (Sand)				
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