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OPERATOR

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

Form O-105
Revised 10-6-68

1. Indicate Type of Lease
State ☒ Fee ☐
2. State Well Lease No.
2373

3. TYPE OF WELL
OIL WELL ☐ GAS WELL ☐ DRY ☐ OTHER ☐
4. TYPE OF COMPLETION
NEW WELL ☐ WORK OVER ☒ DEEPEN ☐ PLUG BACK ☐ OFF. RESV. ☐ OTHER ☐
5. Name of Operator
A. R. ARCHER, JR.
6. Address of Operator
P. O. BOX 265, MONAHANS, TEXAS 79756
7. Location of Well

8. Unit Agreement Name
L
9. Name of Lease Name
BELL-15-STATE
10. Well No.
1
11. Field and Prod. or Wildcat
W. SOMBRERO ATOKA

NIT LETTER L LOCATED 660 FEET FROM THE WEST LINE AND 1980 FEET FROM

12. SOUTH LINE OF SEC. 15	13. TWP. 16-S	14. RGE. 33-E	15. NMPM
5. Date Spudded	16. Date T.D. Reached	17. Date Compl. (Ready to Prod.)	18. Elevations (D.F., RKB, RT, GR, etc.)
5-12-72	5-14-72	3-20-79	4212 GL
6. Total Depth	21. Plug Back T.D.	22. If Multiple Compl., How Many	23. Intervals Drilled By
13,556	13,306		Rotary Tools 0-13,556

4. Producing Interval(s), of this completion - Top, Bottom, Name	25. Was Directional Survey Made
12,865' - 12,883' ATOKA	NO

6. Type Electric and Other Logs Run	27. Was Well Cored
SNP, PML, & DIL	NO

CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT LB. FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13-3/8"	72#	393'	17-1/2"	400 sx	None
8-5/8"	32#	4497'	11"	375 sx	None
5-1/2"	17 & 20#	13474'	7-7/8"	800 sx	None

LINER RECORD				TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SIZE	DEPTH SET	PACKER SET
				2-7/8"	10,872'	10,870'

1. Perforation Record (Interval, size and number)	32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.
2/ft 12,865' - 12,883'	DEPTH INTERVAL
	12,865'-12,883'
	AMOUNT AND KIND MATERIAL USED
	3000 gals-acid; 10,000 gals. gel BW + 7800# sd.

PRODUCTION							
3. Date First Production:	Production Method (Flowing, gas lift, pumping - Size and type pump)					Well Status (Prod. or Shut-in)	
3-20-79	PUMPING					PRODUCING	
Date of Test	Hours Tested	Choke Size	Prod'n. Per Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
3-22-79	24	Open	→	3	30	70	10,000
Flow Tubing Press.	Casing Pressure	Calculated 24-hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API (Corr.)	
PUMPING	35	→	3	30	70	58.8	

4. Disposition of Gas (Sold, used for fuel, vented, etc.)	Test Witnessed By
SALE	LEA GUILLORY

5. List of Attachments
NONE

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	<u>Jim Valdez</u>	TITLE	ENGINEER	DATE	3/23/79
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INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Commission not later than 30 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radioactivity logs run in the well and a summary of all special tests conducted, including interference tests. All depths reported shall be measured by tape. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, depths of the zones shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Page 11.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

Northwestern New Mexico

T. Anhy _____ 1480 _____	T. Canyon _____	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt _____	T. Strawn _____ 11780 _____	T. Kirtland-Fruitland _____	T. Penn. "C" _____
B. Salt _____ 2400 _____	T. Aboka _____ 12290 _____	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates _____ 2751 _____	T. Miss _____ 13532 _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen _____ 3360 _____	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres _____ 4444 _____	T. Simpson _____	T. Gallup _____	T. Ignacio Qtzite _____
T. Glorieta _____ 5958 _____	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinberry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____ 7146 _____	T. Granite _____	T. Todilto _____	T. _____
T. Drinkard _____	T. Delaware Sand _____	T. Entrada _____	T. _____
T. Abo _____ 7788 _____	T. Bone Springs _____	T. Wingate _____	T. _____
T. Wolfcamp _____ 9625 _____	T. _____	T. Chinle _____	T. _____
T. Penn. _____	T. _____	T. Permian _____	T. _____
T. Cisco (Bough C) _____ 11200 _____	T. _____	T. Penn. "A" _____	T. _____

OIL OR GAS SANDS OR ZONES

No. 1, from _____ 12865 _____ to _____ 12883 _____	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 _____ NONE _____ 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	1480	1480	Red Beds				
1480	2400	920	Anhy. & Salt				
2400	2751	351	Dol. & Anhy.				
2751	3630	1230	Yates & Seven Rivers				
3630	4444	814	Queen & Grayburg				
4444	5958	1514	San Andres				
5958	7146	1188	Glorieta				
7146	7788	642	Tubb				
7788	9625	1837	Abo				
9625	11780	2155	Wolfcamp				
11780	13532	1752	Penn				
13532	13556	24	Miss				