

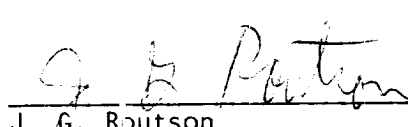
State #1A

SE $\frac{1}{4}$ SW $\frac{1}{4}$ Section 2-T31N-R7W
San Juan County, New Mexico

TABULATION OF ALL DEVIATION SURVEYS

<u>Depth</u>	<u>Deviation</u>
854'	3/4°
1388'	1/4°
3664'	1°
4534'	1 $\frac{1}{2}$ °
5040'	$\frac{1}{2}$ °
5555'	1 $\frac{1}{2}$ °

I, J. G. Routson, Petroleum Engineer for Palmer Oil & Gas Company,
hereby certify that the above information is true and complete to the best of my
knowledge and belief.

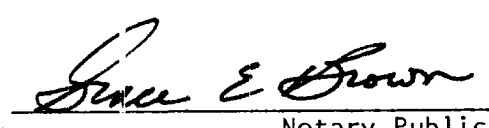


J. G. Routson

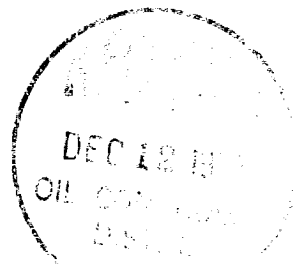
Sworn and subscribed before me, A Notary Public in and for the State
of Montana, this 8th day of December, 1977.

My commission expires:

May 1, 1978



Notary Public
For State of Montana, Residing in
Billings, Montana



NO. OF COPIES RECEIVED

DISTRIBUTION

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FILE	1
U.S.G.S.	2
LAND OFFICE	1
OPERATOR	1

Form C-105
Revised 1-1-65NEW MEXICO OIL CONSERVATION COMMISSION
WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5a. Indicate Type of Lease	
State ☒	Fee ☐
5. State Oil & Gas Lease No.	
LG-3876	

1a. TYPE OF WELL		7. Unit Agreement Name	
b. TYPE OF COMPLETION		8. Form or Lease Name	
OIL WELL ☐ GAS WELL ☒ DRY ☐ OTHER ☐		State	
NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER ☐		9. Well No.	
2. Name of Operator		1A	
3. Address of Operator		10. Field and Pool, or Wildcat	
Palmer Oil & Gas Company		Blanco-Mesaverde	
4. Location of Well			
UNIT LETTER <u>N</u> LOCATED <u>800</u> FEET FROM THE <u>South</u> LINE AND <u>1675</u> FEET FROM		12. County	
THE <u>West</u> LINE OF SEC. <u>2</u> TWP. <u>31N</u> RGE. <u>7W</u> NMPM		San Juan	
15. Date Spudded	16. Date T.D. Reached	17. Date Compl. (Ready to Prod.)	18. Elevations (DF, RKB, RT, GR, etc.)
9/7/77	10/28/77	11/28/77	553GR 6564KB
19. Elev. Casinghead			
20. Total Depth	21. Plug Back T.D.	22. If Multiple Compl., How Many	23. Intervals Drilled By
6025'	5969'		Rotary Tools Cable Tools 0-TD
24. Producing Interval(s), of this completion - Top, Bottom, Name			25. Was Directional Survey Made
Mesaverde 5665-5914			No
26. Type Electric and Other Logs Run			27. Was Well Cored
Schlumberger FDC-GR, IES, SNP			No

28. CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
9-5/8"	32#	225KB	13-3/4"	250 sacks	
7"	20#	3650	8-3/4"	550 sacks	

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
4 1/2"	3259	5972	325		2-3/8"	5858	none

31. Perforation Record (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
Mesaverde: 5665, 5791, 5793, 5801, 5807, 5816, 5825, 5838, 5853, 5875, 5914 (one shot per foot)		DEPTH INTERVAL	
		AMOUNT AND KIND MATERIAL USED	
		5665-5914: 750 gal. 15% HCL; 109,500 gal MINIMAX, 27,000 # 100 mesh, 149,000#, 10-20 sand	
		425 SCFB N ₂	

33. PRODUCTION							
Date First Production		Production Method (Flowing, gas lift, pumping - Size and type pump)				Well Status (Producing, Shut-in)	
Shut In		Flowing				Shut In	
Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
11/28/77	3	3/4"					
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API (Corr.)	
SITP 1091	SICP 1103					DEC 12 1977	

34. Disposition of Gas (Sold, used for fuel, vented, etc.)		Test Witnessed By	
To be sold		Joe Elledge	

35. List of Attachments	

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

J. G. Routson

TITLE

Petroleum Engineer

DATE

12/8/77

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 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 _____	T. Strawn _____	T. Kirtland-Fruitland _____	T. Penn. "C" _____
B. Salt _____	T. Atoka _____	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates _____	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen _____	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres _____	T. Simpson _____	T. Gallup _____	T. Ignacio Qtzte _____
T. Glorieta _____	T. McKee _____	Base Greenho n _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinebry _____	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. _____

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation