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Form C-105  
Revised 1-1-65

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

5a. Indicate Type of Lease State <input checked="" type="checkbox"/> Fee <input type="checkbox"/>
5. State Oil & Gas Lease No. <b>B-1553</b>

1a. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> OTHER <input type="checkbox"/>	7. Unit Agreement Name
1b. TYPE OF COMPLETION NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> OTHER <input type="checkbox"/>	8. Farm or Lease Name <b>State "NG"</b>
2. Name of Operator <b>Aztec Oil &amp; Gas Company</b>	9. Well No. <b>1</b>
3. Address of Operator <b>P. O. Box 837 Hobbs, New Mexico</b>	10. Field and Pool, or Wildcat <b>Wildcat</b>
4. Location of Well UNIT LETTER <b>G</b> LOCATED <b>1980</b> FEET FROM THE <b>N</b> LINE AND <b>1980</b> FEET FROM	12. County <b>Lea</b>

15. Date Spudded <b>10-12-68</b>	16. Date T.D. Reached <b>10-27-68</b>	17. Date Compl. (Ready to Prod.) <b>11-11-68</b>	18. Elevations (DF, RKB, RT, GR, etc.) <b>3757.8 Gr.</b>	19. Elev. Casinghead <b>3759</b>
20. Total Depth <b>5700</b>	21. Plug Back T.D. <b>5068</b>	22. If Multiple Compl., How Many	23. Intervals Drilled By <b>All</b>	24. Was Directional Survey Made <b>No</b>
24. Producing Interval(s), of this completion - Top, Bottom, Name <b>4876-96, 4908-18, 4940-50 and 5014-30</b>				25. Was Well Cored <b>No</b>
26. Type Electric and Other Logs Run <b>BHC Sonic Log - Gamma Ray, Laterolog</b>				27. Was Well Cored <b>No</b>

28. CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
<b>8 5/8</b>	<b>24</b>	<b>353</b>	<b>12 1/4</b>	<b>240 sx</b>	
<b>5 1/4</b>	<b>14 &amp; 15</b>	<b>5673</b>	<b>7 7/8</b>	<b>400 sx</b>	

29. LINER RECORD				30. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SIZE	DEPTH SET	PACKER SET

31. Perforation Record (Interval, size and number)	32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
	DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
5520-30, 40-50, 70-5600 - 50 holes	5520-5600	Acidized w/2000 gals NE
5240-60 - 20 holes	5240-60	" 1000 " "
* 4876-96, 4908-18, 4940--50 - 40 holes	4876-4950	" 7000 " "
* 5014-5030 - 16 holes	5014-5030	" 2000 " "

33. * See back for Frac. Treatment		PRODUCTION	
Date First Production <b>11-12-68</b>	Production Method (Flowing, gas lift, pumping - Size and type pump) <b>Pump</b>	Well Status (Prod. or Shut-in) <b>Prod.</b>	
Date of Test <b>11-22-68</b>	Hours Tested <b>24</b>	Choke Size <b>2" open</b>	Prod'n. For Test Period <b>66</b>
Flow Tubing Press. <b>20</b>	Casing Pressure <b>20</b>	Oil - Bbl. <b>66</b>	Gas - MCF <b>53</b>
	Calculated 24-Hour Rate <b>66</b>	Water - Bbl. <b>0</b>	Gas - Oil Ratio <b>800</b>
		Oil Gravity - API (Corr.) <b>38</b>	

34. Disposition of Gas (Sold, used for fuel, vented, etc.) <b>Vented</b>	Test Witnessed By
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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 <b>David Donaldson</b>	TITLE <b>District Geologist</b>	DATE <b>11-22-68</b>

# 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 <u>1680</u>	T. Canyon _____	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt _____	T. Strawn _____	T. Kirtland-Fruitland _____	T. Penn. "C" _____
B. Salt <u>2875</u>	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 <u>4002</u>	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres <u>4855</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. _____

## FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
			DST #1 4871-4970 - Tool opening 90 mins. - 60 min ISIP 966# Flow pressures 157-185# 2½ hrs FSIP 1981 Temp. 110 degrees Recovered 240' V.sli. GCDM trace of oil				
			DST #2 5200-5270 - Tool open 95 mins 60 min ISIP 2075 # Flow pressures 80-282, 60 min FSIP 1887, Recovered 420' drlg. mud				
			Frac. over all interval 4876-5030 with 50,000 gals gelled water and 50,000 # sand 30 RBS, First stage treated at 2800 psi - 31 bpm Second stage treated at 3400 psi - 24 bpm ATP 3100 AIR 27 bpm ISIP 2500 10 min SIP 2300				

NOVEMBER 11, 1968

DEVIATION REPORT  
AZTEC OIL & GAS COMPANY  
STATE "NG" NO. 1  
UNIT G SECTION 24-T18S-R36E

LEA COUNTY, NEW MEXICO

<u>DEPTH</u>	<u>DEVIATION</u>
355	1/4 Degree
853	1/4 "
1340	1/2 "
1811	3/4 "
2020	1 1/4 "
2497	1 1/2 "
2966	1 1/4 "
3115	1 1/4 "
3510	1 1/4 "
3800	1 1/2 "
4120	1 1/2 "
4836	1 1/4 "
5270	2 1/4 "
5501	2 "
5673	2 "

Signed David Donaldson  
David Donaldson  
District Geologist

State of New Mexico  
County of Lea

Before me the undersigned authority, on this day  
personally appeared David Donaldson  
known to me to be the person whose name is subscribed  
to the foregoing instrument who, being by me duly  
sworn that said report is true and correct, to the  
best of my knowledge.

Subscribed and sworn to before me this 22 day of  
November, 1968.

W. W. Thompson Notary Public in and for Lea  
County, New Mexico.  
*My Comm. expires 10/24/69*

