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OPERATOR	

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

Form C-105
Revised 11-4-78

5a. Indicate Type of Lease	
State ☒	Fee ☐
5b. State Oil & Gas Lease No.	
L-4780	

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
NBR

2. Name of Operator
Pogo Producing Company

9. Well No.
1

3. Address of Operator
P.O. Box 10340 Midland, Texas 79702

10. Field and Pool, or Wildcat
Wildcat

4. Location of Well
UNIT LETTER <u>J</u> LOCATED <u>1980</u> FEET FROM THE <u>South</u> LINE AND <u>1980</u> FEET FROM

11. County
Lea

THE <u>East</u> LINE OF SEC. <u>18</u> TWP. <u>22-S</u> RGE. <u>33-E</u> NMPM

15. Date Spudded	16. Date T.D. Reached	17. Date Compl. (Ready to Prod.)	18. Elevations (DF, RKB, RT, GR, etc.)	19. Elev. Casinghead
8-18-80	1-10-81	2-3-81	3631.2' GR	NA

20. Total Depth	21. Plug Back T.D.	22. If Multiple Compl., How Many	23. Intervals Drilled By	Rotary Tools	Cable Tools
15372'	15060'	--	0-15372'		

24. Producing Interval(s), of this completion - Top, Bottom, Name	25. Was Directional Survey Made
14739'-14743', 14756'-14763', 14770'-14772', 14777'-14788', 14953'-14956' Morrow	No

26. Type Electric and Other Logs Run	27. Was Well Cored
GR - CNL - F, D, DLL - MSFL & Caliper - CBL - PDC	No

28. CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13 3/8	54.50	762	17 1/2"	870 sxs Cl C-circ 200 sxs	0
10 3/4	40.5 & 51.0	5006	13 3/8"	2635 sxs Lt & 500 sxs Cl C	0
7 5/8	26.40 & 29.70	12066	9 1/2"	1690 sxs Lt & 350 sxs Cl H	0

29. LINER RECORD				30. TUBING RECORD			
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
5	11768	15120	580		2 3/8	13643	13644

31. Perforation Record (Interval, size and number)	32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.
14739'-14743'(5'), 14756'-14763'(8'), 14770'-14772'(3'), 14777'-14788'(12'), 14953'-14956'(4'). Total 32 holes 0.24 - 0.28" diameter	DEPTH INTERVAL
	AMOUNT AND KIND MATERIAL USED

33. PRODUCTION							
Date First Production		Production Method (Flowing, gas lift, pumping - Size and type pump)				Well Status (Prod. or Shut-in)	
2-3-81		Flowing				SI	
Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
2-6-81	4	6.5/64-10.5/64		27.5	178.803	0	65,047
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API (Corr.)	
4770-4101	0		165	4872	0	NA	

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

35. List of Attachments
Deviation Survey, DST Data, C-122 Form, BHP Survey, Gas Analysis, 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 <u>[Signature]</u>	TITLE <u>Division Operations Manager</u>	DATE <u>Feb. 18, 1981</u>
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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 on the well and a summary of all electrical 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>898</u>	T. Canyon _____	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt _____	T. Strawn <u>13615</u>	T. Kirtland-Fruitland _____	T. Penn. "C" _____
T. Salt _____	T. Atoka <u>13730</u>	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 Qtzite _____
T. Glorieta _____	T. McKee _____	T. 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 <u>4893</u>	T. Entrada _____	T. _____
T. Abo _____	T. Bone Springs <u>8661</u>	T. Wingate _____	T. _____
T. Wolfcamp <u>12056</u>	T. 3rd Bone Spr Sd <u>11852</u>	T. Chinle _____	T. _____
T. Penn. _____	T. Morrow Lm <u>14254</u>	T. Permian _____	T. _____
T. Cisco (Bough C) _____	T. Morrow Sd/Sh <u>14580</u>	T. Penn. "A" _____	T. _____

OIL OR GAS SANDS OR ZONES

No. 1, from <u>14736</u> to <u>14790</u>	No. 4, from _____ to _____
No. 2, from <u>13922</u> to <u>13926</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	430	430	Ogallala				
430	760	330	Triassic Red Bed				
760	898	138	Dewey Lake Sandstone				
898	4853	3955	Rustler Anhydrite				
4853	4893	40	Delaware Lime				
4893	8661	3768	Delaware Sand				
8661	11852	3191	Bone Spring Lime				
11852	12056	204	3rd Bone Spring Sand				
12056	13615	1559	Wolfcamp Lm & Sh				
13615	13730	115	Strawn Limestone				
13730	14254	524	Atoka				
14254	14580	326	Morrow Lime				
14580	15300	720	Morrow Sd & Sh				
15300	15372	72	Barnett				
FEB 19 1931							

Legal Location	18-225-33E
Sec. - Twp. - Rng.	

Lease Name

Well No.

Test No

Tested Interval

Country LEA

POGO PRODUCING COMPANY
Lease Owner/Company

Lease Owner/Company Name

Casing perms. _____ Bottom choke _____ Surf. temp. _____ °F Ticket No. **821323**
 Gas gravity _____ Oil gravity _____ GOR _____
 Spec. gravity _____ Chlorides _____ ppm Res. _____ @ _____ °F
 INDICATE TYPE AND SIZE OF GAS MEASURING DEVICE USED _____

Date Time	a.m. p.m.	Choke Size	Surface Pressure psi	Gas Rate MCF	Liquid Rate BPD	Remarks
2030						Tester on location
2330						Picked up tool
0030						Went in hole
0826		BH				Opened tool with a strong blow, bottom
						of bucket
0831		1/4	16			increasing
0838		1/4	600			Increasing, pressure fell off manifold
						plugged.
		3/8	5000			Switch to 3/8" choke, water cushion to
						pit
0856		3/8	2300			Closed tool
0948		1/4	400			Opened tool with pressure
0953		"	1500			Increasing
0958		"	1800			"
1003		"	2300			"
1008		"	3100			"
1013		"	3400			"
1018		"	4000			" Manifold plugged, switch to 3/8"
		"				choke.
1023		3/8	3000			Decreasing
1028		"	2700			"
1033		"	2700			"
1043		"	2700			"
1048		"	2700	9250		" Closed tool
1254		"				Opened by pass
1344		"				Dropped bar reverse

Gauge No. 7607				Depth 13901'				Clock No. 6115				24 hour Ticket No.		821323					
First Flow Period				First Closed In Pressure				Second Flow Period				Second Closed In Pressure				Third Flow Period		Third Closed In Pressure	
Time Defl. .000"	PSIG Temp. Corr.	Time Defl. .000"	Log $t + \frac{\theta}{\theta}$	PSIG Temp. Corr.	Time Defl. .000"	PSIG Temp. Corr.	Time Defl. .000"	Log $t + \frac{\theta}{\theta}$	PSIG Temp. Corr.	Time Defl. .000"	PSIG Temp. Corr.	Time Defl. .000"	PSIG Temp. Corr.	Time Defl. .000"	PSIG Temp. Corr.				
0 .000	2562.3	.000		5527.1	.000	2012.7	.000		4514.3										
1 .013	2926.5	.0066*		8044.1	.0301**	2859.4	.0132		7863.4										
2 .026	3258.7	.0197		8116.7	.0634	4284.3	.0264		7923.8										
3 (.033	3325.8)	.0328		8148.2	.0968	5436.3	.0396		7952.3										
4 .039	3536.7	.0459		8170.3	.1103	5726.1	.0528		7974.6										
5 .052	4415.3	.0590		8179.8	.1302	4843.9	.0660		7990.4										
6 .065	5742.0	.0721		8189.2	.1636	4575.0	.0791		7996.8										
.078	5792.9	.0852		8192.4	.1970	4514.3	.0923		8003.1										
8 .091	5527.1	.0983		8198.7			.1055		8009.4										
9		.1114		8201.8			.1187		8012.6										
10		.1245		8205.0			.1319		8015.7										
11		.1377		8208.2			.1979		8022.0										
12		.1508		8211.3			.2638		8028.3										
13		.1639		8211.3			.3299		8031.5										
14		.1770		8211.3			.3958		8031.5										
15							.4190		8031.5										

Gauge No.		5099		Depth		13976'		Clock No.		hour		24	
0	.000	2672.0	.000		5586.3	.000	2142.8	.000		4586.3			
1	.0131	3064.9	.0066*		8148.8	.0294 **	3000.0	.0131		7931.8			
2	.0263	3383.1	.0197		8184.4	.0622	4416.9	.0262		7983.7			
3	.033	3448.0	.0328		8210.3	.0949	5550.4	.0393		8016.1			
4	.0394	3607.1	.0459		8226.5	(.099	5811.0)	.0524		8035.5			
	.0526	4612.3	.0590		8236.2	.1276	4899.0	.0655		8048.5			
6	.0657	6009.8	.0721		8242.7	.1603	4638.4	.0786		8058.2			
7	.0788	5849.6	.0852		8249.1	.1930	4586.3	.0917		8061.4			
8	.0920	5586.3	.0983		8252.4			.1048		8067.9			
9			.1114		8255.6			.1179		8071.1			
10			.1245		8258.8			.1310		8074.4			
11			.1377		8262.1			.1965		8080.9			
12			.1508		8265.3			.2620		8084.1			
13			.1639		8265.3			.3276		8087.3			
14			.1770		8265.3			.3931		8090.6			
15								.4160		8090.6			
Reading Interval		4			4		10		***				Minutes
REMARKS: * - 2 minutes ** - 9 minutes *** - First 10 intervals equal to 4 minutes each; next 4 intervals equal to 20 minutes each; last interval equal to 7 minute C-Choke change													

REMARKS: * -2 minutes ** -9 minutes *** -First 10 intervals equal to 4 minutes each; next 4 intervals equal to 20 minutes each; last interval equal to 7 minute C-Choke change