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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  Fee

5. State Oil & Gas Lease No.  
**E-1638**

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  
**West Pearl Queen Unit**

8. Farm or Lease Name  
\_\_\_\_\_

2. Name of Operator  
**Gulf Oil Corporation**

9. Well No.  
**168**

3. Address of Operator  
**Box 670, Hobbs, New Mexico 88240**

10. Field and Pool, or Wildcat  
**Pearl Queen**

4. Location of Well  
UNIT LETTER **A** LOCATED **1150'** FEET FROM THE **North** LINE AND **1150** FEET FROM \_\_\_\_\_

THE **East** LINE OF SEC. **31** TWP. **19-S** RGE. **35-E** NMPM \_\_\_\_\_

12. County  
**Lea**

15. Date Spudded **11-4-69** 16. Date T.D. Reached **11-19-69** 17. Date Compl. (Ready to Prod.) **12-2-69** 18. Elevations (DF, RKB, RT, GR, etc.) **3728' GL** 19. Elev. Casinghead \_\_\_\_\_

20. Total Depth **5080'** 21. Plug Back T.D. **5014'** 22. If Multiple Compl., How Many **Single** 23. Intervals Drilled By Rotary Tools **0 - 5080'** Cable Tools \_\_\_\_\_

24. Producing Interval(s), of this completion - Top, Bottom, Name  
**4793' - 5014'**

25. Was Directional Survey Made  
**No**

26. Type Electric and Other Logs Run  
**GR-N Celler log**

27. Was Well Cored  
**Yes**

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>21.4</b>	<b>365'</b>	<b>12-1/4"</b>	<b>200 sacks (Circulated)</b>	
<b>5-1/2"</b>	<b>15.5</b>	<b>5079'</b>	<b>7-7/8"</b>	<b>400 sacks (TOC at 2980')</b>	

29. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

30. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
<b>2-7/8"</b>	<b>5022'</b>	<b>--</b>

31. Perforation Record (Interval, size and number)  
**Perforated 5-1/2" casing with 4, .71" jet shots in plane at 4793-94', 4896-97', 4945-46' & 5013-14'.**

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
<b>4793' - 5014'</b>	<b>Acidized w/2000 gal of 15% NHA Frac treated w/860 bbls of gel water w/ 0 to 3# SPG.</b>

33. PRODUCTION

Date First Production **12-2-69** Production Method (*Flowing, gas lift, pumping - Size and type pump*) **Pumping** Well Status (*Prod. or Shut-in*) **Producing**

Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
<b>12-13-69</b>	<b>24</b>	<b>2"</b>	<b>→</b>	<b>112</b>	<b>--</b>	<b>380</b>	<b>--</b>

Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API (Corr.)
<b>--</b>	<b>--</b>	<b>→</b>	<b>112</b>	<b>--</b>	<b>380</b>	<b>--</b>

34. Disposition of Gas (*Sold, used for fuel, vented, etc.*)  
**Sold**

Test Witnessed By  
**R. N. Magee**

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.

ORIGINAL SIGNED BY  
SIGNED **C. D. BORLAND** TITLE **Area Production Manager** DATE **December 15, 1969**

**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 _____ <b>1823</b>	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 _____ <b>3483</b>	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____ <b>3920</b>	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen _____ <b>4650</b>	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 Greenhorn _____	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
0	1823		Red Beds & Sand				
	2010		Anhy.				
	3310		Salt				
	3483		Anhy & salt & Dolo.				
	5080		Dolo, sandstone & Anhy.				