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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.

7. Unit Agreement Name
**Langlie Mattix
Woolworth Unit**

8. Farm or Lease Name

9. Well No.

104

10. Field and Pool, or Wildcat
**Langlie Mattix
Seven Rivers Queen**

1a. TYPE OF WELL
OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐

b. TYPE OF COMPLETION
NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER ☐

2. Name of Operator
Amerada Hess Corporation

3. Address of Operator
P. O. Box 1920 - Hobbs, New Mexico

4. Location of Well

UNIT LETTER **E** LOCATED **1700** FEET FROM THE **north** LINE AND **835** FEET FROM

THE **west** LINE OF SEC. **28** TWP. **24S** RGE. **37E** NMMPM

12. County

Lea

15. Date Spudded **8-19-69** 16. Date T.D. Reached **9-4-69** 17. Date Compl. (Ready to Prod.) **9-13-69** 18. Elevations (DF, RKB, RT, GR, etc.) **3267' DF; 3258' GR** 19. Elev. Casinghead **--**

20. Total Depth **3765'** 21. Plug Back T.D. **--** 22. If Multiple Compl., How Many **--** 23. Intervals Drilled By **Rotary Tools** **0-3765'** Cable Tools **--**

24. Producing Interval(s), of this completion — Top, Bottom, Name

3504' to 3702' Seven Rivers Queen

25. Was Directional Survey Made

No

26. Type Electric and Other Logs Run

Formation Density Log

27. Was Well Cored

No

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8"	24#	751'	12-1/4"	500 sacks Class "C"	Circulated
5-1/2"	15.5 & 17#	3759'	7-7/8"	150 sacks 50-50 and 150 sacks Class "C"	

29. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

30. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2-3/8	3611'	--

31. Perforation Record (Interval, size and number)

3504' to 3512', 3544' to 3556', 3582' to 3600', 3604' to 3606', 3610' to 3616', 3666' to 3682', and 3690' to 3702' with 2 dynajet shots per foot. Total of 148 shots.

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
3504' to 3702'	1000 gals. 15% MCA mix acid

33. PRODUCTION

Date First Production **9-14-69** Production Method (Flowing, gas lift, pumping — Size and type pump) **Pumping 2" x 1 1/2" x 12'** Well Status (Prod. or Shut-in) **Prod.**

Date of Test **9-14-69** Hours Tested **5** Choke Size **0** Prod'n. For Test Period **0** Oil — Bbl. **0** Gas — MCF **NEGTM** Water — Bbl. **7** Gas — Oil Ratio **--**

Flow Tubing Press. **--** Casing Pressure **--** Calculated 24-Hour Rate **0** Oil — Bbl. **0** Gas — MCF **--** Water — Bbl. **34** Oil Gravity — API (Corr.) **--**

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

NEGTM

Test Witnessed By

B. A. Moore

35. List of Attachments

Formation Density Log and Inclination Report

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

[Signature]

TITLE

District Superintendent

DATE

September 23, 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 1195.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

Northwestern New Mexico

T. Anhy	1152	T. Canyon	T. Ojo Alamo	T. Penn. "B"	T. Penn. "B"
T. Salt	1252	T. Strawn	T. Kirtland-Fruitland	T. Penn. "C"	T. Penn. "C"
B. Salt	2714	T. Atoka	T. Pictured Cliffs	T. Penn. "D"	T. Penn. "D"
T. Yates	2856	T. Miss	T. Cliff House	T. Leadville	T. Leadville
T. 7 Rivers	3114	T. Devonian	T. Menefee	T. Madison	T. Madison
T. Queen	3524	T. Silurian	T. Point Lookout	T. Elbert	T. Elbert
T. Grayburg		T. Montoya	T. Mancos	T. McCracken	T. McCracken
T. San Andres		T. Simpson	T. Gallup	T. Ignacio Ortiz	T. Ignacio Ortiz
T. Glorieta		T. McKee	T. Base Greenhorn	T. Granite	T. Granite
T. Paddock		T. Ellenburger	T. Dakota	T. Morrisson	T. Morrisson
T. Blinberry		T. Gr. Wash	T. Todillo	T. Entrada	T. Entrada
T. Tubb		T. Granite	T. Bone Springs	T. Wingate	T. Wingate
T. Drinkard		T. Delaware Sand	T. Permian	T. Permian	T. Permian
T. Abo		T. Wolfcamp	T. Permian	T. Permian	T. Permian
T. Cisco (Bough C)					

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness In Feet	Formation	From	To	Thickness In Feet	Formation
0	114	114	Caliche				
114	524	410	Sandstone & Shale				
524	817	293	Sandstone				
817	1152	335	Siltstone and Shale				
1152	1252	100	Anhydrite				
1252	2714	1462	Salt, Anhydrite, Shale				
2714	3114	400	Siltstone and Shale				
3114	3765	651	Anhydrite, sandstone and Shale				