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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.

1a. TYPE OF WELL

b. TYPE OF COMPLETION

OIL WELL ☐ GAS WELL ☐ DRY ☐ OTHER Injection

NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER

7. Unit Agreement Name: Langlie Mattix Woolworth Unit

8. Farm or Lease Name

2. Name of Operator: Amerada Division, Amerada Hess Corporation

9. Well No.: 003

3. Address of Operator: P. O. Drawer 817 - Seminole, Texas 79360

10. Field and Pool, or Wildcat: Langlie Mattix

4. Location of Well

UNIT LETTER N LOCATED 1650 FEET FROM THE West LINE AND 330 FEET FROM THE South LINE OF SEC. 33 TWP. 24S RGE. 37E NMPM

12. County: Lea

15. Date Spudded	16. Date T.D. Reached	17. Date Compl. (Ready to Prod.)	18. Elevations (DF, RKB, RT, GR, etc.)	19. Elev. Cashinghead
10-12-70	10-20-70	11-26-70		

20. Total Depth	21. Plug Back T.D.	22. If Multiple Compl., How Many	23. Intervals Drilled By	Rotary Tools	Cable Tools
3775'			→	0-3775'	

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

Injection into Langlie Mattix Seven Rivers Queen - 3498'-3906'

25. Was Directional Survey Made: Yes

26. Type Electric and Other Logs Run

Sidewall Neutron Porosity & Correlation

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
7-5/8"	24	767'	11"	500 sks.	None
4-1/2"	9.5	3774'	6-3/4"	490 sks.	None

29. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

30. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2-3/8"	3427'	3427'

31. Perforation Record (Interval, size and number)

3498-3502, 3516-3522, 3528-3530, 3535-3543, 3548-3553, 3560-3562, 3590-3594, 3605-3610, 3616-3621, 3664-3682, 3687-3691, 3698-3706 with 2 shots per ft. Total of 102 holes of 3/8" size.

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
3498-3706	1500 gal. 15% NE Acid

33. PRODUCTION

Date First Production	Production Method (Flowing, gas lift, pumping — Size and type pump)	Well Status (Prod. or Shut-in)
	Drilled as injection well.	

Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period →	Oil — Bbl.	Gas — MCF	Water — Bbl.	Gas — Oil Ratio

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

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

Test Witnessed By

35. List of Attachments

Logs & 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 G. Dewhurst TITLE Area Superintendent DATE 3-22-71

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	1161'	T. Canyon		T. Ojo Alamo		T. Penn. "B"	
T. Salt	1257'	T. Strawn		T. Kirtland-Fruitland		T. Penn. "C"	
B. Salt	2713'	T. Atoka		T. Pictured Cliffs		T. Penn. "D"	
T. Yates	2856'	T. Miss		T. Cliff House		T. Leadville	
T. 7 Rivers	3098'	T. Devonian		T. Menefee		T. Madison	
T. Queen	3514'	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'	1161'	1161'	Shale, Sandstone				
1161'	2713'	1552'	Anhy., Salt				
2713'	3514'	801'	Anhy., Shale, Siltstone				
3514'	T.D.	261'	Sandstone, Shale, Dolomite				

INCLINATION REPORT

OPERATOR: AMERADA DIVISION
AMERADA HESS CORPORATION
DRAWER 817
SEMINOLE, TEXAS 79360

LEASE NAME & NO: L. M. W. U. Well No. 003

LOCATION: Section 33-24S-37-E, Lea County, New Mexico

DEPTH (feet)	INCLINATION (degrees)
206	1/2
630	1/2
772	1/2
1,120	3/4
1,399	1
1,611	3/4
2,069	1 1/4
2,463	2 1/4
2,789	2 3/4
3,080	2
3,295	1 1/2
3,439	1 1/2
3,587	1
3,775	1 1/4

I, E. P. Leatherwood, Drilling Superintendent of Leatherwood Drilling Company, being first duly sworn on oath state that I have knowledge of the facts and matter herein set forth and the same are true and correct.

E. P. Leatherwood

SUBSCRIBED AND SWORN TO before me this 5th day of November, 1970.

Peggy Hunter
Notary Public, Winkler County, Texas

(Seal)