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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 - 6005

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
Mallard Petroleum, Inc.

3. Address of Operator
1206 V & J Tower, Midland, Texas

4. Location of Well
UNIT LETTER **N** LOCATED **1650** FEET FROM THE **west** LINE AND **990** FEET FROM

THE **south** LINE OF SEC. **36** TWP. **19-S** RGE. **34-E** NMPM

15. Date Snudded **6-26-65** 16. Date T.D. Reached **7-21-65** 17. Date Compl. (Ready to Prod.) **8-9-65** 18. Elevations (DF, RKB, RT, GR, etc.) **3712' DF** 19. Elev. Casinghead **3701'**

20. Total Depth **5327'** 21. Plug Back T.D. **4988** 22. If Multiple Compl., How Many **3** 23. Intervals Drilled By **Rotary Tools surface to 5327'** Cable Tools

24. Producing Interval(s), of this completion - Top, Bottom, Name **4604-4896' Queen** 25. Was Directional Survey Made **yes**

26. Type Electric and Other Logs Run **Gamma-Ray Neutron** 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
8 5/8"	24 1/2	213.77'	11"	110 sacks	none
5 1/2"	14 1/2 & 15.5 1/2	4988.40'	7 7/8"	200 sacks	none

29. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

30. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2 3/8"	4576'	none

31. Perforation Record (Interval, size and number)

4604-06' 4 - 1/2" holes
4894-4896' 4 - 1/2" holes

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4894-96'	500 gallons acid
4604-06'	500 gallons acid
4604-4896'	20,000 gallons frac

33. PRODUCTION

Date First Production **10-7-65** Production Method (Flowing, gas lift, pumping - Size and type pump) **Pump 2" common working barrel pump** Well Status (Prod. or Shut-in) **Prod.**

Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
10-10-65	24	-	30	30	TSTM	176	--

Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API (Corr.)
-	5#	30	30	TSTM	176	32.2° @ 60°F.

34. Disposition of Gas (Sold, used for fuel, vented, etc.) **vented** Test Witnessed By **A. I. Whitley**

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 *Alv. Kerner* TITLE **Production Superintendent** DATE **October 13, 1965**

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	1802	T. Ojo Alamo	T. Penn. "B"
T. Canyon		T. Kirtland-Fruitland	T. Penn. "C"
T. Strawn	1928	T. Pictured Cliffs	T. Penn. "D"
T. Atoka	3380	T. Cliff House	T. Leadville
T. Miss	3560	T. Menefee	T. Madison
T. Devonian	3700	T. Point Lookout	T. Eibert
T. Silurian	4590	T. Mancos	T. McCracken
T. Grayburg	5040	T. Gallup	T. Ignacio Qtzite
T. San Andres		T. McKee	
T. Glorieta		T. Simpson	
T. Paddock		T. Ellenburger	
T. Blinberry		T. Dakota	
T. Tubb		T. Morrison	
T. Granite		T. Todilto	
T. Drinkard		T. Entrada	
T. Abo		T. Wingate	
T. Wolfcamp		T. Chinle	
T. Penn.		T. Permian	
T. Cisco (Bough C)		T. Penn. "A"	

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation
0	210	210	Surface sand
210	1802	1592	shale
1802	1928	126	anhydrite & shale
1928	3380	1452	salt & anhydrite
3380	3560	180	dolomite & anhydrite
3560	3700	140	sand & dolomite
3700	4590	890	shale & anhydrite
4590	5040	450	sand & dolomite
5040	5327	287	dolomite