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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. B-1838

1a. TYPE OF WELL OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐		7. Unit Agreement Name	
b. TYPE OF COMPLETION NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER ☐		8. Farm or Lease Name STATE "A"	
2. Name of Operator Mallard Petroleum, Inc.		9. Well No. 1	
3. Address of Operator 1206 V & J Tower, Midland, Texas 79701		10. Field and Pool, or Wildcat UNDESIGNATED	
4. Location of Well UNIT LETTER J LOCATED 2054 FEET FROM THE South LINE AND 2162 FEET FROM East LINE OF SEC. 24 TWP. 17-S RGE. 34-E NMPM		12. County Lea	
15. Date Spudded 9-5-68	16. Date T.D. Reached 10-15-68	17. Date Compl. (Ready to Prod.) 11-30-68	18. Elevations (DF, RKB, RT, GR, etc.) 4018 DF
19. Elev. Casinghead	20. Total Depth 10,200		
21. Plug Back T.D. 9354		22. If Multiple Compl., How Many	23. Intervals Drilled By 0-10200
24. Producing Interval(s), of this completion — Top, Bottom, Name 8475 - 8509 Abo			25. Was Directional Survey Made Yes
26. Type Electric and Other Logs Run Gr Sonic Neutron, Dual Induction			27. Was Well Cored No
28. CASING RECORD (Report all strings set in well)			
CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE
11 3/4"	42#	397.04	15"
8 5/8"	24 & 32#	4949.59	11"
CEMENTING RECORD		AMOUNT PULLED	
400 sacks		none	
1550 sacks		none	
29. LINER RECORD			
SIZE	TOP	BOTTOM	SACKS CEMENT
5 1/2	4803	9386	750 SX
SCREEN		30. TUBING RECORD	
2 7/8"		SIZE	DEPTH SET
		8553	PACKER SET
			none
31. Perforation Record (Interval, size and number) 8475, 8477, 8495, 8498, 8507, 8509 2 shots per foot (.42") 6097, 6099, 6115, 6117, 6139, 6144, 6149, 6159 2 shots per foot (.42")		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
DEPTH INTERVAL		AMOUNT AND KIND MATERIAL USED	
8475 - 8509		1500 gals DS 40 acid	
8475 - 8509		3000 gals DS 40 acid	
6097 - 6159		1500 gals DS 30 acid	
6097 - 6159		Squeezed with 150 sacks	
33. PRODUCTION			
Date First Production 11-30-68	Production Method (Flowing, gas lift, pumping — Size and type pump) Pump 2 1/2 X 1 1/4 X 16'		Well Status (Prod. or Shut-in) Prod.
Date of Test 12-7-68	Hours Tested 24	Choke Size -	Prod'n. For Test Period 164
Flow Tubing Press. -	Casing Pressure 20#	Calculated 24-Hour Rate 164	Oil — Bbl. 175
Gas — MCF 0		Water — Bbl. 0	Gas — Oil Ratio 1067
Oil Gravity — API (Corr.) 41°			
34. Disposition of Gas (Sold, used for fuel, vented, etc.) Vented			Test Witnessed By R. W. Keener
35. List of Attachments GR Sonic Neutron and Dual Induction 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 R. W. Keener		TITLE Production Superintendent	DATE December 9, 1968

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 filled in quadruplicate 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. Any	1700	T. Canyon	T. Ojo Alamo	T. Penn. "B"
T. Salt	2100	T. Strawn	T. Kirtland-Fruitland	T. Penn. "C"
B. Salt	2650	T. Aloka	T. Pictured Cliffs	T. Penn. "D"
T. Yates	2970	T. Miss	T. Cliff House	T. Leadville
T. 7 Rivers	3110	T. Devonian	T. Menefee	T. Madison
T. Queen	3910	T. Silurian	T. Point Lookout	T. Elbert
T. Grayburg	4600	T. Montoya	T. Mancos	T. McCracken
T. San Andres	4790	T. Simpson	T. Gallup	T. Ignacio Ozite
T. Glorieta	5990	T. McKee	T. Base Greenhorn	T. Granite
T. Paddock	6050	T. Ellenburger	T. Dakota	T. T.
T. Blinberry	6700	T. Gr. Wash	T. Morrison	T. T.
T. Tubb	7390	T. Granite	T. Todillo	T. T.
T. Drinkard	7760	T. Delaware Sand	T. Entrada	T. T.
T. Abo	8085	T. Bone Springs	T. Wingate	T. T.
T. Wolfcamp	9450	T. T.	T. Chinle	T. T.
T. Penn.	10,090	T. T.	T. Permian	T. T.
T. Cisco (Bough C)		T. T.	T. Penn. "A"	T. T.

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness In Feet	Formation	From	To	Thickness In Feet	Formation
Surface	30	30	Surface gravel & caliche				
30	350	320	Limestone				
350	1700	1350	Redbeds				
1700	2970	1270	Anhydrite				
2970	4600	1630	Dol, Anhy, & Sand				
4600	6000	1400	Dolomite				
6000	6080	80	Sandy shale & dolomite				
6080	7350	1270	Dolomite				
7350	9450	2100	Dol w/interbedded red				
9450	9700	250	Lime w/shale stringers				
9700	10,000	300	Lime, shale and chert				
10,000	10,200	200	Lime				