

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

NO. OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

1a. Indicate Type of Lease
State ☐ Fee ☒

5. State Oil & Gas Lease No.

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

8. Farm or Lease Name
Howard 1

9. Well No.
8

2. Name of Operator
Mallon Oil Company

3. Address of Operator
2750 Security Life Building, Denver, CO 80202

10. Field and Pool, or Wildcat
~~Deer Creek~~ Unders. Gallup

4. Location of Well
UNIT LETTER H LOCATED 1650 FEET FROM THE North LINE AND 870 FEET FROM
THE East LINE OF SEC. 1 TWP. 25N RGE. 2W NMPM

12. County
Rio Arriba

15. Date Spudded 6-2-85 16. Date T.D. Reached 6-22-85 17. Date Compl. (Ready to Prod.) 7-16-85 18. Elevations (DF, RKB, RT, GR, etc.) 7511' G.L. 19. Elev. Casinghead 7522' KB

20. Total Depth 8300' 21. Plug Back T.D. 8240' 22. If Multiple Compl., How Many 23. Intervals Drilled By Rotary Tools 0-TD Cable Tools

24. Producing Interval(s), of this completion - Top, Bottom, Name 6909'-7722' Gallup 25. Was Directional Survey Made no

26. Type Electric and Other Logs Run Induction, CNL-FDC, GR-CLL 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
13-3/8"	48 & 54.5#/ft	270'	17 1/2"	280 sx Class B w/2% CaCl ₂	
5-1/2"	17#/ft	8299	7-7/8"	1st: 425 sx 50-50 pozmix w/2% gel; 2nd: 100 sx Class B w/2% econolite tailed by 225 sx 50-50 3rd: 250 sx Class B tailed by 125 sx 50-50 pozmix.	

29. LINER RECORD 30. TUBING RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-7/8	7748'	

31. Perforation Record (Interval, size and number) 6909, 6915, 6925, 6935, 6954, 6962, 6971, 6983, 6993, 7005, 7017, 7030, 7047, 7066, 7078, 7095, 7112, 7115, 7119, 7123, 7133, 7145, 7152, 7156, 7169, 7176, 7183, 7188, 7199, 7214, 7232, 7248, 7280, 7283, 7298, 7304, 7311, 7329, 7341, 7346, 7351, 7362, 7370, 7380, 7388, 7403, 7419, 7423, 7432, 7446, 7469, 7509, 7522, 7530, 7596, 7620, 7645, 7656, 7695, 7705, 7713, 7722 20-40 sand w/radioactive tracer

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
6909'-7722'	1000 gals 7 1/2% D.I. HCL acid
	750 gals 7 1/2% D.I. wghtd acid w/93 ball sealers. 115,000 gals 25#/1000 gals crosslinked gelled water, 120,000 lbs

33. 7509, 7522, 7530, 7596, 7620, 7645, 7656, 7695, 7705, 7713, 7722 20-40 sand w/radioactive tracer

Date First Production 7-16-85 Production Method (Flowing, gas lift, pumping - Size and type pump) Swabbing 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
7-16-85	24 hours			226	--	338	--

Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API (Corr.)
100	700		226	--	338	--

34. Disposition of Gas (Sold, used for fuel, vented, etc.) Test Witnessed By Kevin McCord

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 Kevin H. McCord TITLE Agent DATE 7-22-85

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Northwestern New Mexico

T. Anhy	T. Canyon	T. Ojo Alamo	3297	T. Penn. "B"
T. Salt	T. Strawn	T. Kirtland-Fruitland		T. Penn. "C"
B. Salt	T. Atoka	T. Pictured Cliffs	3647	T. Penn. "D"
T. Yates	T. Miss	T. Cliff House	5444	T. Leadville
T. 7 Rivers	T. Devonian	T. Menefee		T. Madison
T. Queen	T. Silurian	T. Point Lookout		T. Elbert
T. Grayburg	T. Montoya	T. Mancos	6035	T. McCracken
T. San Andres	T. Simpson	T. Gallup	6894	T. Ignacio Qizie
T. Glorieta	T. McKee	T. Base Greenhorn	8005	T. Granite
T. Paddock	T. Ellenburger	T. Dakota	8051	
T. Blinberry	T. Gr. Wash	T. Morrison		
T. Tubb	T. Granite	T. Todillo		
T. Drinkard	T. Delaware Sand	T. Entrada		
T. Abo	T. Bone Springs	T. Wingate		
T. Wolfcamp		T. Chinle		
T. Penn.		T. Permian		
T. Cisco (Bough C)		T. Penn. "A"		

7722

No. 1, from Gallup	6894	to	7722	No. 4, from	to
No. 2, from Dakota	8051	to	8237	No. 5, from	to
No. 3, from		to		No. 6, from	to

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from	to
No. 2, from	to
No. 3, from	to
No. 4, from	to

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
3297	3503	206	Ojo Alamo				
3647	3774	127	Pictured Cliffs				
3774	5444	1670	Lewis				
5444	6035	591	Mesaverde				
6035	6894	859	Mancos				
6894	7917	1023	Gallup				
7917	8005	88	Greenhorn				
8051	8237	186	Dakota				