

NEW MEXICO OIL CONSERVATION COMMISSION
GAS-OIL RATIO TESTS

C-116
RECEIVED

FEB 01 1988

Operator Mallon Oil Company ✓		Pool Brushy Draw - Delaware		County Eddy											
Address 1099 18th Street, Suite 2750, Denver, CO 80202		TYPE OF TEST - (X)		Completion ☒ Scheduled ☐											
LEASE NAME	WELL NO.	LOCATION			DATE OF TEST	CHOKE SIZE	TBG. PRESS.	DAILY ALLOWABLE	LENGTH OF TEST HOURS	PROD. DURING TEST			GAS - OIL RATIO CU.FT/BBL		
		U	S	T						R	WATER BBL.S.	GRAV. OIL		OIL BBL.S.	GAS M.C.F.
Amoco-Federal	13	A	28	26S	29E	01/26/88	P	-	-	24	139	36.6	95	63	663
								95					107	84 - 107	
								107							

I hereby certify that the above information is true and complete to the best of my knowledge and belief.

No well will be assigned an allowable greater than the amount of oil produced on the official test.
During gas-oil ratio test, each well shall be produced at a rate not exceeding the top unit allowable for the pool in which well is located by more than 25 percent. Operator is encouraged to take advantage of this 25 percent tolerance in order that well can be assigned increased allowable when authorized by the Commission.
Gas volumes must be reported in MCF measured at a pressure base of 15.025 psia and a temperature of 60° F. Specific gravity base will be 0.60.
Report casing pressure in lieu of tubing pressure for any well producing through casing.
Mail original and one copy of this report to the district office of the New Mexico Oil Conservation Commission in accordance with Rule 101 and appropriate pool rules.

John H. Cox
Engineer
1-27-88
(Signature)
Title

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

(See other instructions on reverse side)

Form approved
Budget Bureau No. 1004-0137
Expires August 31, 1985

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other ☐

2. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. REMOV. ☐ Other ☐ JAN 11 '88

3. NAME OF OPERATOR: Mallon Oil Company \ O. C. D.

4. ADDRESS OF OPERATOR: ARTESIA, OFFICE
1099 18th Street, Suite 2750, Denver, CO 80202

5. LOCATION OF WELL (Report location clearly and in accordance with any State requirements):
At surface 760' FNL, 660' FEL (NE/4, NE/4), Section 28

At top prod. interval reported below
Same

At total depth
Same

14. PERMIT NO. DATE ISSUED
9-21-87

15. DATE SPUDDED 10-03-87 16. DATE T.D. REACHED 10-28-87 17. DATE COMPL. (Ready to prod.) 12-07-87 18. ELEVATIONS (DF. RKB, RT, OR, ETC.)* GL=2983.4' KB=2898.4' 19. ELEV. CASINGHEAD 2893'

20. TOTAL DEPTH, MD & TVD 5,100' 21. PLUG, BACK T.D., MD & TVD 5,065' 22. IF MULTIPLE COMPL., HOW MANY? 23. INTERVALS DRILLED BY Rotary Tools Surf.-5,100' Cable Tools None

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 4876-4948' KB, Delaware (Cherry Canyon) 25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN Dual Laterolog w/Gamma Ray, Compensated Neutron/Formation Density w/Gamma Ray 27. WAS WELL CORRED No

CASING RECORD (Report all strings set in well)				AMOUNT PULLED	
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	
8 5/8"	24#/ft.	403'	12 1/4"	475 sx	None
5 1/2"	17#/ft.	5087'	7 7/8"	480 sx	None

LINER RECORD					TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 7/8"	4827'	None

31. PERFORATION RECORD (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
4925-48', 4892-94', 4885-88', 4876-81', 74 holes, 0.4" diam.		DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
		4876-4948'	2,000 gal 15% HCl
		4876-4948'	56,000 gal gelled water and 144,000 pounds sand

33. PRODUCTION							
DATE FIRST PRODUCTION				PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)			
12-08-87				Pumping and flowing - 1 3/4" rod pump			
DATE OF TEST		HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.
12-14-87		24	-	→	83 95	25 63	152 139
FLOW, TUBING PRESS.		CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
-		-	→	83 95	25 63	152 139	35.5°

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold to Conoco TEST WITNESSED BY Ross Robinson

35. LIST OF ATTACHMENTS
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records
SIGNED Joe H. Cox, Jr. TITLE Engineer DATE 12-15-87

*(See Instructions and Spaces for Additional Data on Reverse Side)

I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries):

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	GEOLOGIC MARKERS		
				NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Top Delaware Ls. (Top Bell Canyon)	2822'	2854'	Calcareous Shale	Base Anhydrite	2822'	
Ramsey Ss	2854'	2887'	Very fine grain sandstone with trace fluorescence and cut.	Lamar Ls	2822'	
Cherry Canyon	3757'	BTD		Manzanita Ls	3757'	
Williamson Ss Mbr.	4867'	4955'	VFG to FG, w/good stain, fluorescence, and cut in part.			

38.