

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> DRY <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. Jic 460	
b TYPE OF COMPLETION NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP-EN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF RESVR <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME Jicarilla Apache	
2. NAME OF OPERATOR Mallon Oil Company		UNIT AGREEMENT NAME N/A	
3. ADDRESS AND TELEPHONE NO. P.O. Box 3256, Carlsbad, NM 88220		8. FARM OR LEASE NAME, WELL NO. Jicarilla 460-16 No. 6	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements *) At surface 1190' FNL and 1748' FEL (NW NE) Unit B At top prod. interval reported below 1190' FNL and 1748' FEL (NW NE) Unit B At total depth		9. API WELL NO. 30-039-25865	
14. PERMIT NO. N/A		DATE ISSUED N/A	
12. COUNTY OR PARISH Rio Arriba		13. STATE NM	
15. DATE SPUDDED 6/3/98		16. DATE TD REACHED 6/10/98	
17. DATE COMP (Ready to Prod.) 7/25/98		18. ELEVATION (DF, RKB, RT, GR, E) 7291'	
19. ELEV. CASINGHEAD 7292'		20. TOTAL DEPTH, MD & TVD 4060'	
21. PLUGBACK TD, MD & TVD 3686'		22. IF MULTIPLE COMPS HOW MANY* 2	
23. INTERVALS DRILLED BY →		ROTARY TOOLS Yes	
24. PRODUCING INTERVAL (S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD*) 1646'-1652', 1682'-1695', 1705'-1709' Cabresto Canyon, San Jose Ext		25. WAS DIRECTIONAL SURVEY MADE Yes	
26. TYPE ELECTRIC AND OTHER LOGS RUN SDL-DSN, DIGL		27. WAS WELL CORED N/A	

CASING RECORD (Report all strings set in well)

CASING SIZE/GRADE	WEIGHT LB/FT	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
8-5/8"	24 lbs	538'	12-1/4"	cmt 300 sxs Class "H" circ	
5-1/2"	15.5	3707'	7-7/8"	56 sxs to surface cmt 550 sxs cmt, circ 10 sxs to surface	

LINER RECORD				TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT	SCREEN (MD)	SIZE	DEPTH SET (MD)
N/A					1.9	1618

31 PERFORATION RECORD (Interval, size, and number) 1646'-1652', 1682'-1695', 1705'-1709' 4 jsf 92 holes Cabresto Canyon, San Jose Ext		32 ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. DEPTH INTERVAL (MD) 1646'-1709' AMOUNT AND KIND OF MATERIAL USED acidize with 2000 7-1/2% HCl frac 37,000 lb 12/20 sand	
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33* PRODUCTION							
DATE FIRST PRODUCTION 7/26/98		PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump) Flowing				WELL STAT (Producing or Shut In) Producing	
DATE OF TEST 6/26/98	HOURS TESTED 24	CHOKE SIZE 3/8"	PROD'N FOR TEST PERIOD →	OIL - BBL 0	GAS - MCF 642	WATER - BBL 20	GAS-OIL RATIO N/A
FLOW TBG PRESS 190	CASING PRESSURE 0	CALCULATED 24-HOUR RATE →	OIL - BBL 0	GAS - MCF 642	WATER - BBL 20	OIL GRAVITY - API (CORR.) N/A	
34. DISPOSITION OF GAS Sold (Sold, used for fuel, vented, etc.)				TEST WITNESSED BY J. Angel			
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

Christy Serrano

Production Secretary

DATE 8-6-98

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

Title 18 U.S.C. 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction

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

38. GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
				Nacimiento	2258'	
				Ojo Alamo	3274'	
				Kirtland	3499'	
				Fruitland	3731'	
				Pictured Cliffs	3818'	
				Lewis	3883'	