

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

CONFIDENTIAL

FORM APPROVED
OMB NO. 1004-0137

Expires: February 28, 1995

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. TYPE OF WELL OIL <input type="checkbox"/> GAS <input checked="" type="checkbox"/> WELL <input type="checkbox"/> DRY <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. Jic 451	
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 Tribe	
2. NAME OF OPERATOR Mallon Oil Company		7. UNIT AGREEMENT NAME N.A.	
3. ADDRESS AND TELEPHONE NO. P. O. Box 2797 Durango, CO 81302		8. FARM OR LEASE NAME, WELL NO. Jicarilla 451-4 No. 1	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) At surface 1794' FNL and 1549' FEL (SW NE) Unit G At top prod. interval reported below 1794' FNL and 1549' FEL (SW NE) Unit G At total depth 1794' FNL and 1549' FEL (SW NE) Unit G		9. API WELL NO. 30-039-26057	
14. Permit No. N/A		Date Issued N/A	
15. DATE SPUDDED 10/1/99		16. DATE TD REACHED 10/12/99	
17. DATE COM (Ready to Prod.) 11/11/99		18. ELEVATION (DF, RKB, RT, GR, E) 7156'	
19. ELEV. CASINGHEAD 7157'		12. COUNTY OR PARISH Rio Arriba	
20. TOTAL DEPTH, MD & TVD 4025'		13. STATE NM	
21. PLUGBACK TD, MD & TVD 3125'		10. FIELD AND POOL, OR WILDCAT Cabresto Canyon; San Jose Ext	
22. IF MULTIPLE COM. HOW MANY* →		11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA 29 Sec. 4, T30N-R03W	
23. INTERVALS DRILLED BY →		16. DATE TD REACHED 10/12/99	
24. PRODUCING INTERVAL (S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD*) 1652'-1663', 1682'-1691' Cabresto Canyon; San Jose Ext.		17. DATE COM (Ready to Prod.) 11/11/99	
25. WAS DIRECTIONAL SURVEY MADE Yes		18. ELEVATION (DF, RKB, RT, GR, E) 7156'	
26. TYPE ELECTRIC AND OTHER LOGS RUN SDL/DSN, DIL/SGRD		19. ELEV. CASINGHEAD 7157'	
27. WAS WELL CORED N.A.		20. TOTAL DEPTH, MD & TVD 4025'	

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	238'	12-1/4"	cmt 120 sxs Type 3 cmt	
				Circ 20 sxs to surface	
5-1/2"	10.5	4025'	7-7/8"	Cmt 1015 sxs 50/50 poz	
				circ 85 sxs to surface	

LINER RECORD				TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT	SCREEN (MD)	SIZE	DEPTH SET (MD)
N.A.					N.A.	1537

31. PERFORATION RECORD (Interval, size, and number) 1652'-1663', 1682'-1691' (40 holes) Cabresto Canyon; San Jose Ext.		32. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. DEPTH INTERVAL (MD) 1652'-1691' AMOUNT AND KIND OF MATERIAL USED acidize 1500 gal 7-1/2 % HCl frac 21,120 12/20 Brady Sand 16,200 Super HT Sand	
---	--	---	--

33.* PRODUCTION							
DATE FIRST PRODUCTION N.A.		PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump) Flowing				WELL STAT (Producing or Shut In) Shut-In	
DATE OF TEST 11/6/99	HOURS TESTED 24	CHOKE SIZE 3/8"	PROD'N FOR TEST PERIOD →	OIL - BBL 0	GAS - MCF 102	WATER - BBL 6	GAS-OIL RATIO N.A.
FLOW TBG PRESS 20	CASING PRESSURE 0	CALCULATED 24-HOUR RATE →	OIL - BBL 0	GAS - MCF 102	WATER - BBL 6	OIL GRAVITY - API (CORR.) N.A.	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) SI Waiting on Engineer Evaluation	TEST WITNESSED BY Mike Davis
--	---------------------------------

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 (Christy Serrano) Production Secretary DATE 11/9-99

*(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

CONFIDENTIAL

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):				GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT DEPTH
				San Jose	1616	
				Nacimientto	2187	
				Ojo Alamo	3239	
				Kirtland	3484	
				Pictured Cliffs	3632	
				Lewis	3846	