

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

~~CONFIDENTIAL~~  
(See other instructions  
on reverse side)

FORM APPROVED  
OMB NO. 1004-0137  
Expires: February 28, 1995

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"/> OTHER <u>98-DEC-1-1</u>		5. LEASE DESIGNATION AND SERIAL NO. <b>Jic 458</b>	
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 <b>Jicarilla Apache</b>	
2. NAME OF OPERATOR <b>Mallon Oil Company</b>		7. UNIT AGREEMENT NAME <b>N/A, N.M.</b>	
3. ADDRESS AND TELEPHONE NO. <b>P.O. Box 3256, Carlsbad, NM 88220 (505) 885-4596</b>		8. FARM OR LEASE NAME, WELL NO. <b>Jicarilla 458-5 No. 3</b>	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) At surface <b>532' FSL and 1361' FEL (SW/SE), Unit O</b> At top prod. interval reported below <b>532' FSL and 1361' FEL (SW/SE), Unit O</b> At total depth		9. WELL NO. <b>90-039-25911</b>	
14. Permit No. <b>N/A</b>		DATE ISSUED <b>N/A</b>	
15. DATE SPUDDED <b>07/04/98</b>		16. DATE TD REACHED <b>07/11/98</b>	
17. DATE COM (Ready to Prod.) <b>07/31/98</b>		18. ELEVATION (DF, RKB, RT, GR, ET) <b>7239</b>	
19. ELEV. CASINGHEAD <b>7240</b>		20. TOTAL DEPTH, MD & TVD <b>4090'</b>	
21. PLUGBACK TD, MD & TVD <b>3148'</b>		22. IF MULTIPLE COM., HOW MANY* <b>YES</b>	
23. INTERVALS DRILLED BY <b>→</b>		ROTARY TOOLS <b>YES</b>	
24. PRODUCING INTERVAL (S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)* <b>1620'-1624', 1630'-1632', 1638'-1646', 1750'-1755' Cabresto Canyon, San Jose Ext.</b>		25. WAS DIRECTIONAL SURVEY MADE <b>Yes</b>	
26. TYPE ELECTRIC AND OTHER LOGS RUN		27. WAS WELL CORED <b>N/A</b>	

28. 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
<b>8-5/8"</b>	<b>24 lb</b>	<b>550</b>	<b>12-1/4"</b>	<b>Circ 300 sxs Class "H" cmt circ 70</b>	
				<b>sxs to surface</b>	
<b>5-1/2"</b>	<b>15.5 lb</b>	<b>4053</b>	<b>7-7/8"</b>	<b>Circ 640 sxs cmt, circ 66 sxs to</b>	
				<b>surface</b>	
29. LINER RECORD			30. TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT	SCREEN (MD)	PACKER SET (MD)
<b>N/A</b>				<b>1.90</b>	<b>1596'</b>
31. PERFORATION RECORD (Interval, size, and number) <b>1620'-1624', 1630'-1632', 1638'-1646', 1750'-1755' Cabresto Canyon, San Jose Ext.</b>			32. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. DEPTH INTERVAL (MD) <b>1620'-1755'</b> AMOUNT AND KIND OF MATERIAL USED <b>Acidize with 1400 gals 7-1/2% HCL Frac 40,000 lbs. 12/20 sand</b>		

33. PRODUCTION							
DATE FIRST PRODUCTION <b>08/15/98</b>		PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump) <b>Flowing</b>				WELL STATUS (Producing or Shut In) <b>Producing</b>	
DATE OF TEST <b>07/31/98</b>	HOURS TESTED <b>24</b>	CHOKE SIZE <b>3/8"</b>	PROD'N FOR TEST PERIOD <b>→</b>	OIL - BBL <b>0</b>	GAS - MCF <b>343</b>	WATER - BBL <b>0</b>	GAS-OIL RATIO <b>N/A</b>
FLOW TBG PRESS <b>95</b>	CASING PRESSURE <b>0</b>	CALCULATED 24-HOUR RATE <b>→</b>	OIL - BBL <b>0</b>	GAS - MCF <b>343</b>	WATER - BBL <b>0</b>	OIL GRAVITY - API (CORR.) <b>N/A</b>	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) <b>Sold</b>				TEST WITNESSED BY <b>Angel</b>			
35. LIST OF ATTACHMENTS <b>N/A</b>							

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

SIGNED Christy Serrano Title Production Secretary DATE 10-27-98

\*(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

~~CONFIDENTIAL~~

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.

38. GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
Nacimientito	2198'	
Ojo Alamo	3248'	
Kirtland	3454'	
Pictured Cliffs	3674'	
Lewis	3911'	