

DISTRICT I
P.O. Box 1980, Hobbs, NM 88241-1980
DISTRICT II
P.O. Drawer DD, Artesia, NM 88211-0719
DISTRICT III
1000 Rio Brazos Rd, Aztec, NM 87410

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION
2040 Pacheco St.
Santa Fe, NM 87505

Form C-107
Revised 4-1-91

Filing Instructions
Bottom of Page

APPLICATION FOR MULTIPLE COMPLETION

Operator **Mallon Oil Company** Address **P.O. Box 2797 Durango, Colorado 81302**
Lease **Jicarilla 458-5** Well No. **2** Unit Ltr. - Sec - Twp - Rge **L-5-30N-03W** County **Rio Arriba**
All applicants for multiple completion must complete items 1 and 2 below.

1. The following facts are submitted:	Upper Zone	Intermediate Zone	Lower Zone
a. Name of Pool and Formation	Cabresto Canyon, San Jose Ext.		Cabresto Canyon, Ojo Alamo Ext.
b. Top and Bottom of Pay Section (Perforations)	1552-1615		3212-3144
c. Type of production (Oil or Gas)	Gas		Gas
d. Method of Production (Flowing or Artificial Lift)	Flowing		Flowing
e. Daily Production <input type="checkbox"/> Actual <input type="checkbox"/> Estimated Oil Bbls. Gas MCF Water Bbls.	BO 0 BW 20 MCFD 406		BO 0 BW 20 MCFD 406

2. The following must be attached:
- Diagrammatic Sketch of the Multiple Completion, showing all casing strings, including diameters and setting depths, centralizers and/or turbolizers and location thereof, quantities used and top of cement, perforated intervals, tubing strings, including diameters and setting depth, location and type of packers and side door chokes, and such other information as may be pertinent.
 - Plat showing the location of all wells on applicant's lease, all offset wells on offset leases, and the names and addresses of operators of all leases offsetting applicant's lease.
 - Electrical log of the well or other acceptable log with tops and bottoms of producing zones and intervals of perforation indicated thereon. (If such log is not available at the time application is filed it shall be submitted as provided by Rule 112-A.)

OPERATOR:

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

Signature Christy Serrano

Printed Name & Title Christy Serrano, Production Secretary

Date 1-13-99 Telephone 970-382-9100

OIL CONSERVATION DIVISION

Approved by: ORIGINAL SIGNED BY ERNIE BUSCH

Title: DEPUTY OIL & GAS INSPECTOR, DIST. #3

Date: JAN 15 1999

NOTE: If the proposed multiple completion will result in an unorthodox well location and/or a non-standard proration unit in one or more of the producing zones, then separate application for approval of the same should be filed simultaneously with this application.

FILING INSTRUCTIONS:

- District Approval -- See rule 112-A-B -- Submit 4 copies of Form C-107 with attachments to appropriate district office.
- Division Director Administrative Approval -- See Rule 112-C -- Submit 2 copies of Form C-107 with attachments to Division office in Santa Fe and 2 copies of Form C-107 with attachments to appropriate district office.
- Multiple completions not qualifying for District or Division Director approval may be set for hearing as outlined in Rule 112-A-B.

CONFIDENTIAL

WELL NAME: JICARILLA 458-5 No. 2

FIELD: EAST BLANCO

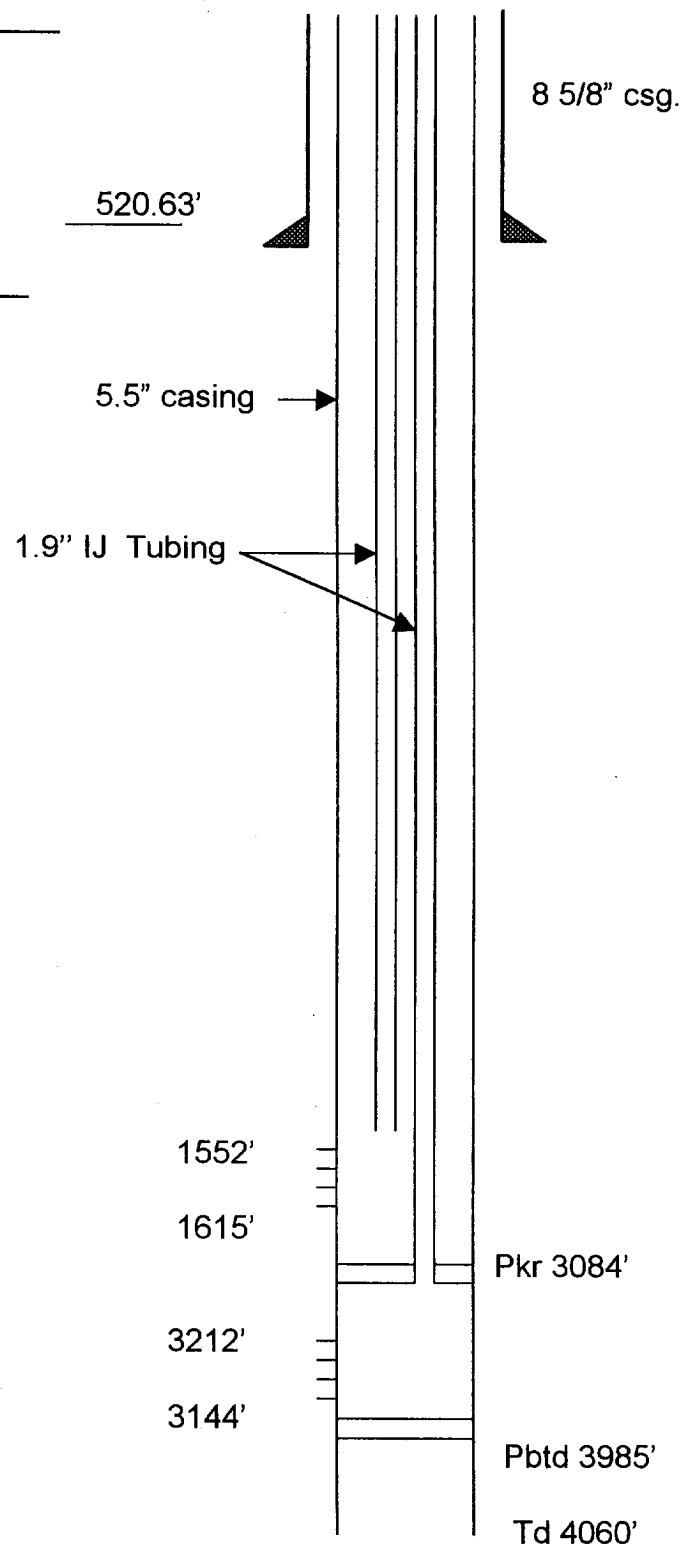
LEGAL: SEC 05 TN 30 RW 03

PRODUCING INTERVAL: 1552'-1615'

3144'-3212'

NOTES: San Jose Perfs 1552'-1615'

Ojo Alamo Perfs 3144'-3212'



DISTRICT II
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DISTRICT III
1000 Rio Brazos Rd., Artes, N.M. 87410

DISTRICT IV
PO Box 2088, Santa Fe, NM 87504-2088

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, NM 87504-2088

Revised February 21, 1994

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number 30-039-25781		*Pool Code 96822	*Pool Name Caresta Canyon; San Jose Ext.	
*Property Code	*Property Name JICARILLA 458-5			*Well Number 2
*OGRID No. 013925	*Operator Name MALLON OIL CO.			*Elevation 7147'

<p>16</p> <p>U.S.G.L.O. B.C. 1917</p> <p>(MEASURED)</p> <p>790'</p> <p>N 0°03' W 2637.0'</p> <p>1850'</p> <p>N 89°38' E 2576.6' (RECORD)</p> <p>U.S.G.L.O. B.C. 1917</p> <p>& MARKED STONE</p>	<p>17 OPERATOR CERTIFICATION</p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</p> <p><u>Christy Serrano</u></p> <p>Signature</p> <p><u>Christy Serrano</u></p> <p>Printed Name</p> <p><u>Production Secretary</u></p> <p>Title</p> <p><u>January 13, 1999</u></p> <p>Date</p>
<p>U.S.G.L.O. B.C. 1917</p> <p>(MEASURED)</p> <p>790'</p> <p>N 0°03' W 2637.0'</p> <p>1850'</p> <p>N 89°38' E 2576.6' (RECORD)</p> <p>U.S.G.L.O. B.C. 1917</p> <p>& MARKED STONE</p>	<p>18 SURVEYOR CERTIFICATION</p> <p>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</p> <p><u>12-1884 RUSH</u></p> <p>Date of Survey</p> <p><u>NEW MEXICO</u></p> <p>Signature and Seal of Registered Professional Land Surveyor:</p> <p><u>8894</u></p> <p>REGISTERED PROFESSIONAL LAND SURVEYOR</p> <p><u>8894</u></p> <p>Certificate Number</p>

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OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, NM 87504-2088

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number 30-039-25781		*Pool Code 96822	*Pool Name Cabresto Canyon; Ojo Alamo Ext.
*Property Code	*Property Name JICARILLA 458-5		*Well Number 2
*GRID No. 013925	*Operator Name MALLON OIL CO.		*Elevation 7147'

10 Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
L	5	30-N	3-W		1850	SOUTH	790	WEST	RIO ARRIBA

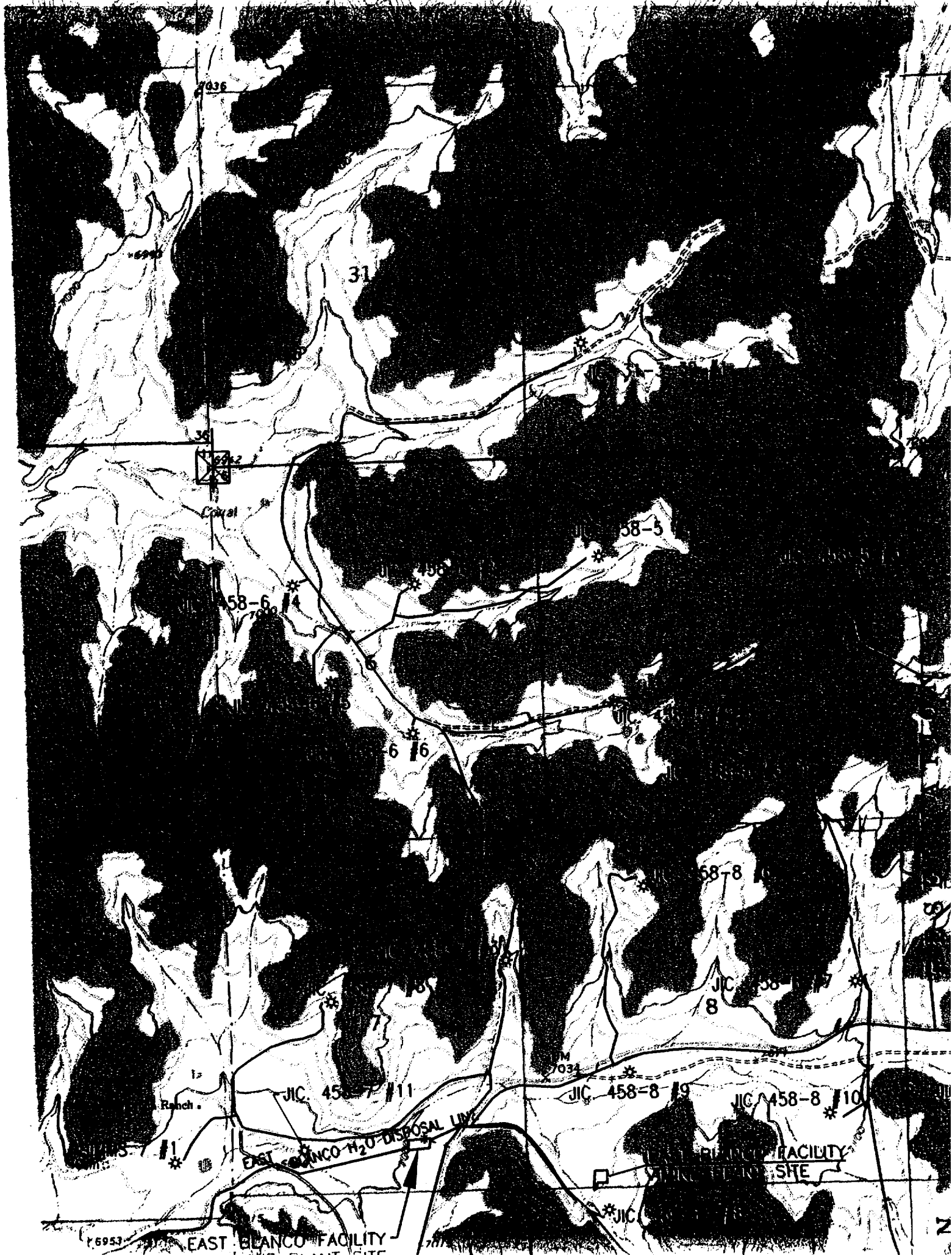
11 Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

*Dedicated Acres 160/54.98	*Joint or Infill	*Consolidation Code	*Order No.
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NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

<p>16</p> <p>U.S.G.L.O. B.C. 1917</p> <p>N 0°03' W 2637.0' (MEASURED)</p> <p>790'</p> <p>1850'</p> <p>N 89-38 E 2576.6' (RECORD)</p> <p>U.S.G.L.O. B.C. 1917 & MARKED STONE</p>	<p>RECEIVED</p> <p>JAN 14 1999</p> <p>OIL CON. DIV.</p> <p>DIST. 3</p>			<p>17 OPERATOR CERTIFICATION</p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief</p> <p><u>Christy Serrano</u> Signature Christy Serrano Printed Name Production Secretary Title January 13, 1999 Date</p>
	<p>18 SURVEYOR CERTIFICATION</p> <p>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</p> <p>12-1001 A RUSH Date of Survey Signature and Seal of Registered Surveyor: 8894 REGISTERED PROFESSIONAL LAND SURVEYOR 8894 Certificate Number</p>			



UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTSUBMIT TO BUREAU OF LAND MANAGEMENT
(See 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 <input type="checkbox"/> GAS <input type="checkbox"/> WELL <input type="checkbox"/> WELL <input checked="" type="checkbox"/> DRY <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. Jic 458	
b. TYPE OF COMPLETION NEW WELL <input 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 (970) 382-9100		8. FARM OR LEASE NAME, WELL NO. Jicarilla 458-5 No. 2	
4. LOCATION OF WELL (Report location clearly and in accordance with any State Requirements) At surface 1850' FSL and 790' FWL (NW SW) Unit L At top prod. interval reported below 1850' FSL and 790' FWL (NW SW) Unit L At total depth		9. API WELL NO. 30-039-25781	
14. PERMIT NO. N/A		10. FIELD AND POOL, OR WILDCAT Cabresto Canyon; San Jose Ext	
DATE ISSUED N/A		11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec 5, T30N-R03W	
15. DATE SPUNDED 3/17/98		12. COUNTY OR PARISH Rio Arriba	
16. DATE TD REACHED 3/26/98		13. STATE NM	
17. DATE COMP (Ready to Prod.) 12/20/98		18. ELEVATION (DF, RKB, RT, GR, ET) 7147'	
19. ELEV. CASINGHEAD 7148'			
20. TOTAL DEPTH, MD & TVD 4060'		21. PLUGBACK TD, MD & TVD 3985'	
22. IF MULTIPLE COM., HOW MANY* 2		23. INTERVALS DRILLED BY →	
24. PRODUCING INTERVAL (S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD) 1552'-1564', 1581'-1615' Cabresto Canyon; San Jose Ext.		25. WAS DIRECTIONAL SURVEY MADE Yes	
26. TYPE ELECTRIC AND OTHER LOGS RUN Existing		27. WAS WELL CORED N/A	
28. CASING RECORD (Report all strings set in well)			
CASING SIZE/GRADE	WEIGHT LB/FT	DEPTH SET (MD)	HOLE SIZE
8-5/8"	24 lb	520.63'	12-1/4"
		534	
5-1/2"	15.5 lb	4038.72'	7-7/8"
29. LINER RECORD		30. TUBING RECORD	
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT
N/A			
31. PERFORATION RECORD (Interval, size, and number) 1552'-1564', 1581'-1615' 4 JSPF (184 Holes) Cabresto Canyon; San Jose Ext.		32. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. DEPTH INTERVAL (MD) 1552'-1615' AMOUNT AND KIND OF MATERIAL USED Acidize 3000 gals 7-1/2% HCL Frac 32,660 12/20 Resin Coated sand	
33. PRODUCTION			
DATE FIRST PRODUCTION 12/30/98		PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump) Flowing	
DATE OF TEST 12/19/98		WELL STAT (Producing or Shut In) Producing	
HOURS TESTED 24 hrs	CHOKE SIZE 3/8"	PROD'N FOR TEST PERIOD →	OIL - BBL 0
			GAS - MCF 406
			WATER - BBL 20
			GAS-OIL RATIO N/A
FLOW TBG PRESS 115	CASING PRESSURE 0	CALCULATED 24-HOUR RATE →	OIL - BBL 0
			GAS - MCF 406
			WATER - BBL 20
			OIL GRAVITY - API (CORR.) N/A
34. DISPOSITION OF GAS Sold		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)		DATE 1/13/98	

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

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cased 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, CORRELATES, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
				Ojo Alamo	3202'	
				Kirtland	3418'	
				Fruitland	3657'	
				Pictured Cliffs	3772'	
				Lewis	3863'	