



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.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH

38. GEOLOGIC MARKERS

Ojo Alamo	2543'	2630'	White, cr-gr ss.			
Kirtland	2630'	2897'	Gry sh interbedded w/tight, gry, fine-gr ss.			
Fruitland	2897'	3255'	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	Ojo Alamo	2543'	
Pictured Cliffs	3255'	3454'	Bn-Gry, fine grn, tight ss.	Kirtland	2630'	
Lewis	3454'	3843'	Shale w/siltstone stringers	Fruitland	2897'	
Huerfanito Bentonite*	3843'	4210'	White, waxy chalky bentonite	Pic.Cliffs	3255'	
				Lewis	3454'	
Chacra	4210'	4805'	Gry fn grn silty, glauconitic sd stone w/drk gry shale	Huerfanito Bent.	3843'	
Cliff House	4805'	5070'	ss. Gry, fine-grn, dense sil ss.	Chacra	4210'	
Menefee	5070'	5440'	Med-dark gry, fine gr ss, carb sh & coal	Cliff House	4805'	
Point Lookout	5440'	5725'	Med-light gry, very fine gr ss w/frequent sh breaks in lower part of formation	Menefee	5070'	
Mancos	5725'	6711'	Dark gry carb sh.	Pt.Lookout	5440'	
Gallup	6711'	7393'	Lt gry to brn calc carb micac glauc silts & very fine gr gry ss w/irreg.interbed sh	Mancos	5725'	
Greenhorn	7393'	7494'	Highly calc gry sh w/thin lmst.	Gallup	6711'	
Graneros	7494'	7608'	Dk gry shale, fossil & carb w/pyrite incl.	Greenhorn	7393'	
Dakota	7608'	7732'	Lt to dk gry foss carb sl calc sl silty ss w/pyrite incl thin sh bands clay & shale breaks	Graneros	7494'	
				Dakota	7608'	

Perforations continued:  
5635, 5652, 5672, 5763, 5780, 5803

\*Huerfanito Bentonite is the legal top of Mesa Verde in New Mexico (North of the Chacra line)

**UNITED STATES**  
**DEPARTMENT OF THE INTERIOR**  
**BUREAU OF LAND MANAGEMENT**

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG\***

1a TYPE OF WELL: <input type="checkbox"/> OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> Other		5 LEASE DESIGNATION AND SERIAL NO. SF-079050D	
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"/> Other		6 IF INDIAN ALLOTTEE OR TRIBE NAME	
2 NAME OF OPERATOR BURLINGTON RESOURCES OIL & GAS COMPANY		7 UNIT AGREEMENT NAME San Juan 28-6 Unit	
3 ADDRESS AND TELEPHONE NO. PO BOX 4289, Farmington, NM 87499 (505) 326-9700		8 FARM OR LEASE NAME, WELL NO. San Juan 28-6 U #154M	
4 LOCATION OF WELL (Report location clearly and in accordance with any State requirements) At surface 1450'FNL, 955'FWL  At top prod. interval reported below  At total depth DHC-1520		9 API WELL NO. 30-039-25631	
14. PERMIT NO. DATE ISSUED		10 FIELD AND POOL OR WILDCAT Blanco MV/Basin Dakota	
15 DATE SPUNDED 3-23-97		11 SEC. T. R. M. OR BLOCK AND SURVEY OR AREA E Sec. 27, T-28-N, R-6-W	
16 DATE T.D. REACHED 3-30-97		12 COUNTY OR PARISH Rio Arriba	
17 DATE COMPL. (Ready to prod.) 4-11-97		13 STATE New Mexico	
18 ELEVATIONS (DF, RKB, RT, BR, ETC.) 6449 GR, 6461 KB		19 ELEV CASINGHEAD	
20 TOTAL DEPTH, MD & TVD 7732		21 PLUG BACK T.D., MD & TVD CIBP @ 5850	
22 IF MULTIPLE COMPL. HOW MANY? 2		23 INTERVALS ROTARY TOOLS 0-7732	
24 PRODUCTION INTERVAL (S) OF THIS COMPLETION-TOP, BOTTOM, NAME (MD AND TVD) 7498-7694 Dakota Commingled w/Mesaverde		25 WAS DIRECTIONAL SURVEY MADE	
26 TYPE ELECTRIC AND OTHER LOGS RUN GR, CNL		27 WAS WELL CORED No	
28 CASING RECORD (Report all strings set in well)			
CASING SIZE/GRADE	WEIGHT LB/FT	DEPTH SET (MD)	HOLE SIZE
3 5/8	36#	23'	12 1/4
7	20#	3520	8 3/4
29 LINER RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*
4 1/2	2375	7715	830 cu. ft.
30 TUBING RECORD			
SIZE	DEPTH SET (MD)	PACKER SET (MD)	
2 3/8	5758	CIBP @ 5850	
31 PERFORATION RECORD (Interval, size and number) 7498, 7520, 7528, 7536, 7544, 7556, 7566, 7595, 7612, 7618, 7624, 7630, 7638, 7652, 7658, 7665, 7670, 7681, 7687, 7694			
32 ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
7498-7694		1123 bbl 30# x-link gel, 108,000# 20/40 DC sd	
33 PRODUCTION			
DATE FIRST PRODUCTION 4-11-97	PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump) Flowing		WELL STATUS (Producing or shut-in) SI
DATE OF TEST 4-11-97	HOURS TESTED	CHOKE SIZE	PROD'N FOR TEST PERIOD
			OIL-BBL 305 Pitot Gauge
FLOW TUBING PRESS SI 500	CASING PRESSURE SI 710	CALCULATED 24-HOUR RATE	GAS-MCF WATER-BBL OIL GRAVITY-API (CORR)
34 DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) To be sold			TEST WITNESSED BY
35 LIST OF ATTACHMENTS None			
36 I hereby certify that the foregoing and attached information is complete and correct as determined from all available records			
SIGNED <i>[Signature]</i>		TITLE Regulatory Administrator	

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

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

NMOC

**ACCEPTED FOR RECORD**  
**MAY 12 1997**  
**FARMINGTON DISTRICT OFFICE**  
 BY *[Signature]*

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FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
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Ojo Alamo 2543' 2630' White, cr-gr ss.

Kirtland 2630' 2897' Gry sh interbedded w/tight, gry, fine-gr ss.

Fruitland 2897' 3255' Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss. Ojo Alamo 2543' Kirtland 2630' Fruitland 2897' Pic.Cliffs 3255' Lewis 3454'

Pictured Cliffs 3255' 3454' Bn-Gry, fine grn, tight ss.

Lewis 3454' 3843' Shale w/siltstone stringers

Huerfanito Bentonite\* 3843' 4210' White, waxy chalky bentonite Huerfanito Bent. 3843' Chacra 4210'

Chacra 4210' 4805' Gry fn grn silty, glauconitic sd stone w/drk gry shale Cliff House 4805' 5070' Pt. Lookout 5440' Mancos 5725' Gallup 6711' Greenhorn 7393'

Cliff House 4805' 5070' ss. Gry, fine-grn, dense sil ss.

Menefee 5070' 5440' Med-dark gry, fine gr ss, carb sh & coal Mancos 5725' Gallup 6711' Greenhorn 7393'

Point Lookout 5440' 5725' Med-light gry, very fine gr ss w/frequent sh breaks in lower part of formation Graneros 7494' Dakota 7608'

Mancos 5725' 6711' Dark gry carb sh.

Gallup 6711' 7393' Lt gry to brn calc carb micac glauc silts & very fine gr gry ss w/irreg. interbed sh

Greenhorn 7393' 7494' Highly calc gry sh w/chin lmst.

Graneros 7494' 7608' Dk gry shale, fossil & carb w/pyrite incl.

Dakota 7608' 7732' Lt to dk gry foss carb sl calc sl silty ss w/pyrite incl thin sh bands clay & shale breaks

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