

DEVIATION REPORT

Name of Company <i>Meridian Oil</i> El Paso Natural Gas Company			Address P.O. Box 4289, Farmington, NM 87499		
Lease Allison Unit	Well No. 102	Unit Letter B	Section 29	Township 32	Range 6
Pool <i>UNDESIGNATED</i> Undesignated Fruitland			County San Juan		

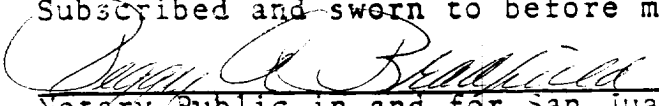
<u>Depth (Ft.)</u>	<u>Deviation (Degrees)</u>
235'	3/4
737'	3/4
1267'	1
1542'	1
2149'	3/4
2508'	3/4
2894'	3/4
2943'	1/4
3091'	1/2

RECEIVED
 FEB 13 1989
 OIL CON. DIV
 DIST. 2

I, the undersigned, certify that I, acting in my capacity as Petroleum Engineer of El Paso Natural Gas Company, am authorized by said Company to make this report; and that this report was prepared by me or under my supervision and directions and that the facts stated herein are true to the best of my knowledge and belief.



Subscribed and sworn to before me this 12th day of October, 1988



Notary Public in and for San Juan County, New Mexico

My Commission expires August 17, 1992



LTR



Job separation sheet

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

Form approved.
Budget Bureau No. 1004-0137
Expires August 31, 1985

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐		1b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐		2. NAME OF OPERATOR El Paso Natural Gas Company		3. ADDRESS OF OPERATOR P.O. Box 4289, Farmington, NM 87499		4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 860'N, 1950'E At top prod. interval reported below At total depth		5. LEASE DESIGNATION AND SERIAL NO. SF-081155		6. IF INDIAN, ALLOTTEE OR TRIBE NAME		7. UNIT AGREEMENT NAME Allison Unit Allison Unit		9. WELL NO. 102		10. FIELD AND POOL, OR WILDCAT Basin Fruitland Coal		11. SEC. T. R. M. OR BLOCK AND SURVEY OR AREA Sec. 29, T32N, R6W		12. COUNTY OR PARISH San Juan		13. STATE NM	
15. DATE SPUDDED 10-6-88		16. DATE T.D. REACHED 10-26-88		17. DATE COMPL. (Ready to prod.) 10-28-88		18. ELEVATIONS (DP, RKB, AT, GR, ETC.)* 6504' GL		19. ELEV. CASINGHEAD 6504'		20. TOTAL DEPTH, MD & TVD 3200'		21. PLUG, BACK T.D., MD & TVD		22. IF MULTIPLE COMPL., HOW MANY*		23. INTERVALS DRILLED BY ROTARY TOOLS CABLE TOOLS Yes		24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* Open Hole (Fruitland Coal)		25. WAS DIRECTIONAL SURVEY MADE No		26. TYPE ELECTRIC AND OTHER LOGS RUN None		27. WAS WELL CORED No	
28. CASING RECORD (Report all strings set in well)																									
CASING SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)		HOLE SIZE		EMMENTING RECORD		AMOUNT PULLED															
9 5/8"		32.3#		233'		12 1/4"		177 cf																	
7'		20#		3091'		8 3/4"		937 cf																	
Open Hole				3200'		6 1/4"																			
29. LINER RECORD																									
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT*		SCREEN (MD)		30. TUBING RECORD															
No Liner										SIZE 2 3/8"		DEPTH SET (MD) 3189'		PACKER SET (MD)											
31. PERFORATION RECORD (Interval, size and number)																									
Open Hole																									
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.																									
DEPTH INTERVAL (MD) AMOUNT AND KIND OF MATERIAL USED																									
33. PRODUCTION																									
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing—capable of comm. HC; to be sold when connected												WELL STATUS (Producing or shut-in)											
DATE OF TEST		HOURS TESTED		CHOKE SIZE		PROD'N. FOR TEST PERIOD		OIL—BBL.		GAS—MCF.		WATER—BBL.		GAS-OIL RATIO											
FLOW. TUBING PRESS.		CASING PRESSURE		CALCULATED 24-HOUR RATE		OIL—BBL.		GAS—MCF.		WATER—BBL.		GAS-OIL RATIO (24-HOUR)													
SI-499		SI-1475																							
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) To be sold																									
35. LIST OF ATTACHMENTS Temp. Survey																									
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records																									
SIGNED		TITLE												DATE											
Regulatory Affairs		1-18-89																							

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

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):

38. GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
Ojo Alamo	2356'	2481'	ss. White cr-grn s.	Ojo Alamo Kirtland Fruitland	2356' 2481' 2956'	
Kirtland	2481'	2956	Gry sh interbedded w/tight gry fine-grn ss.			
Fruitland	2956'	3200'	Gry carb sh, scattered coals, coals and gry, tight, fine-grn ss.			