

MERIDIAN OIL

January 3, 1989

State of New Mexico  
Energy and Minerals Department  
Oil Conservation Division  
P.O. Box 2088  
Santa Fe, NM 87501

Attn: Mr. David R. Catanach, Examiner

Re: Case No. 9498  
Order No. R-8775  
San Juan 32-5 Unit #100

Mr. Catanach,

Enclosed are the results of a directional survey conducted December 9 through December 14, 1988, on the subject well. Directional survey points were observed from the base of the 7" casing set at 3234' to total depth. This survey was conducted to meet the requirements of Order No. R-8775 for directional drilling operations.

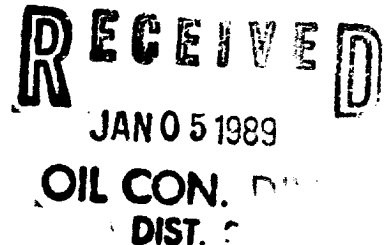
Sincerely,

*J. D. Falconi*

J. D. Falconi  
Project Drilling Engineer

JDF/adw

xc: Aztec OCD



100-443887-100

# DEVIATION REPORT

El Paso Natural Gas Co., Post Office Box 4289, Farmington, New Mexico 87499

Lease: San Juan 32-5 Unit #100  
SW Sec. 23, T-32-N, R-6-W, Rio Arriba County, New Mexico

Pool: Basin Fruitland Coal

Directional survey conducted December 9 through December 14, 1988

The original wellbore which was drilled in November, 1988 collapsed and was re-drilled below 7" casing. The results of the directional survey are as follows:

<u>Survey</u> <u>Depth (Ft.)</u>	<u>Inclination</u>	<u>Hole</u> <u>Direction</u> <u>(True North)</u>	<u>True</u> <u>Vertical</u> <u>Depth (Ft.)</u>
Tie in to original survey.			
3231.0	75.81	185.3	2966.4
3251.0	76.96	185.1	2971.1
3283.0	77.44	185.0	2978.2
3314.0	77.45	186.2	2984.9
3368.0	81.00	186.6	2995.0
3378.0	83.33	186.1	2996.4
3397.0	86.66	183.6	2998.0
3427.0	91.20	182.8	2998.6
3459.0	91.60	183.1	2997.8
3490.0	92.00	182.5	2996.8
3520.0	92.07	183.0	2995.8
3551.0	92.44	182.7	2994.5
3582.0	92.66	183.4	2993.2
3613.0	92.92	183.6	2991.6
3644.0	93.13	183.0	2990.0
3675.0	93.30	182.9	2988.3
3706.0	92.43	182.9	2986.7
3737.0	92.41	182.9	2985.4
3767.0	92.87	183.0	2984.0
3799.0	92.12	183.1	2982.6
3830.0	90.80	183.2	2981.8
3861.0	90.72	183.5	2981.4
3892.0	91.23	183.0	2980.9
3923.0	90.44	183.3	2980.5
3955.0	89.68	183.3	2980.4
3987.0	88.43	183.7	2980.9
4079.0	88.40	184.4	2983.5
4173.0	88.40	185.4	2986.1
4267.0	88.81	185.1	2988.4
4323.0	88.95	185.5	2989.5
4363.0	89.00	185.3	2990.2

Bottom hole location final closure direction: 180.02°  
Bottom hole location final closure distance: 1599.6'

I, the undersigned, certify that I, acting in my capacity as Petroleum Engineer on behalf 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.

J. D. Tolson

Subscribed and sworn to before me this 3rd day of January, 1989.

Angela Ward

Notary Public is and for San Juan County, New Mexico  
My commission expires September 21, 1992.