

# MERIDIAN OIL

November 29, 1988

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

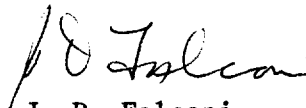
Attn: Mr. David R. Catanach, Examiner

Re: Case No. <sup>File</sup> 9499  
Order No. R-8776  
Sunray H #201

Mr. Catanach,

Enclosed are the results of a directional survey conducted November 28, 1988, on the subject well. Directional survey points were observed from the kick off point to the base of the 9 5/8" surface casing. This survey was conducted to meet the requirements of Order No. R-8776 prior to initiating directional drilling operations.

Sincerely,



J. D. Falconi  
Project Drilling Engineer

JDF/adw

xc: Aztec OCD

DEVIATION REPORT

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

Lease: Sunray H #201  
SW Sec. 11, T-30-N, R-10-W, San Juan County, New Mexico

Pool: Basin Fruitland Coal

Directional survey conducted November 28, 1988

<u>Survey Depth (Ft.)</u>	<u>Inclination</u>	<u>Hole Direction (True North)</u>	<u>True Vertical Depth (Ft.)</u>
585	0.75	158	585.0
705	0.50	223	705.0
825	0.75	163	825.0
945	0.25	198	945.0
1065	0.25	208	1065.0
1185	0.25	173	1185.0
1425	0.50	212	1425.0
1545	0.75	217	1545.0
1665	0.75	213	1664.9
1785	0.75	238	1784.9
1905	0.75	229	1904.9
2025	1.00	217	2024.9
2145	1.00	203	2144.9
2265	1.00	236	2264.9
2385	1.00	221	2384.9
2505	1.00	221	2504.8
2625	1.00	208	2624.8

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. Falconi

Subscribed and sworn to before me this 29th day of November, 1988.

Angela Ward

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

# MERIDIAN OIL

December 8, 1988

*JDF*

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. 9499  
Order No. R-8776  
Sunray H #201

Mr. Catanach,

Enclosed are the results of a directional survey conducted November 29 through December 7, 1988, on the subject well. Directional survey points were observed from the kick off point to total depth. This survey was conducted to meet the requirements of Order No. R-8776 for directional drilling operations.

Sincerely,

*J. D. Falconi*

J. D. Falconi  
Project Drilling Engineer

JDF/adw

xc: Aztec OCD

# DEVIATION REPORT

Meridian Oil Inc., Post Office Box 4289, Farmington, New Mexico 87499

Lease: Sunray H #201  
SW Sec. 11, T-30-N, R-10-W, San Juan County, New Mexico

Pool: Basin Fruitland Coal

Directional survey conducted November 29 through December 7, 1988

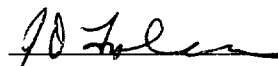
<u>Survey Depth (Ft.)</u>	<u>Inclination</u>	<u>Hole Direction (True North)</u>	<u>True Vertical Depth (Ft.)</u>
2625.0	1.00	208.0	2624.8
2651.0	0.70	77.7	2650.8
2683.0	4.20	64.9	2682.8
2714.0	8.30	58.2	2713.6
2744.0	12.50	54.4	2743.1
2774.0	16.80	52.4	2772.1
2805.0	20.50	51.9	2801.5
2836.0	24.50	51.7	2830.1
2867.0	28.90	50.7	2857.8
2898.0	32.70	49.3	2884.4
2930.0	36.50	48.3	2910.7
2961.0	40.20	48.5	2935.0
2991.0	43.70	50.8	2957.4
3022.0	45.50	52.1	2979.4
3053.0	45.40	51.8	3001.2
3085.0	45.00	52.3	3023.7
3115.0	44.40	51.8	3045.1
3140.0	43.90	52.4	3063.0
3171.0	44.40	52.9	3085.2
3202.0	46.90	52.8	3106.9
3234.0	49.80	52.7	3128.2
3265.0	52.90	52.2	3147.5
3297.0	56.70	51.2	3166.0
3328.0	60.40	50.4	3182.1
3360.0	64.50	49.7	3196.9
3391.0	68.70	50.2	3209.2
3422.0	72.20	50.9	3219.6
3450.0	75.40	51.2	3227.4
3481.0	79.10	51.5	3234.3
3514.0	82.80	51.6	3239.5
3546.0	86.40	51.2	3242.5
3561.0	88.40	51.3	3243.1
3609.0	93.70	51.4	3242.3
3639.0	93.90	51.4	3240.3
3671.0	93.60	51.4	3238.2
3707.0	93.00	51.5	3236.1

<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>
3733.0	93.00	51.1	3234.8
3764.0	93.10	51.7	3233.1
3795.0	93.10	51.7	3231.4
3825.0	93.10	51.1	3229.8
3856.0	92.3	51.1	3228.3
3890.0	91.00	51.0	3227.4
3952.0	90.00	50.1	3226.8
4015.0	89.10	50.4	3227.3
4078.0	88.70	50.0	3228.5
4140.0	88.20	49.7	3230.2
4203.0	88.20	49.5	3232.2
4266.0	88.10	49.5	3234.2
4329.0	89.30	50.6	3235.7
4423.0	90.90	51.6	3235.5
4485.0	91.50	51.3	3234.2
4517.0	91.60	51.1	3233.3
4612.0	91.60	50.8	3230.7
4645.0	91.30	51.0	3229.8
4676.0	91.30	51.0	3229.1
4738.0	91.70	51.5	3227.5
4796.0	91.96	50.4	3225.7
4841.0	92.16	49.6	3224.0

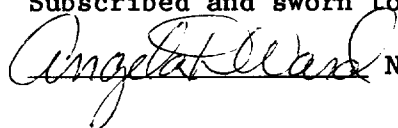
Bottom hole location final closure direction: 51.291°

Bottom hole location final closure distance: 1854.8'

I, the undersigned, certify that I, acting in my capacity as Petroleum Engineer on behalf of Meridian Oil Inc., 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 22nd day of November, 1988.



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

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT  
OIL CONSERVATION DIVISION

GARREY CARRUTHERS  
GOVERNOR

October 23, 1983

POST OFFICE BOX 8088  
STATE LAND OFFICE BUILDING  
SANTA FE, NEW MEXICO 87501  
(505) 827-5800

Mr. Thomas Kellahin  
Kellahin, Kellahin & Aubrey  
Attorneys at Law  
Post Office Box 2265  
Santa Fe, New Mexico

Re: CASE NO. 9499  
ORDER NO. R-8776

Applicant:

Meridian Oil, Inc.

Dear Sir:

Enclosed herewith are two copies of the above-referenced  
Division order recently entered in the subject case.

Sincerely,

*Florence Davidson*

FLORENE DAVIDSON  
OC Staff Specialist

Copy of order also sent to:

Hobbs OCD x  
Artesia OCD x  
Aztec OCD x

Other \_\_\_\_\_  
\_\_\_\_\_