

9

DEVIATION REPORT

Name of Company		Address		
MERIDIAN OIL INC.		PO Box 4289, Farmington, NM		
Lease Name & Number	Unit Letter	Sec.	Twn	Rge
Howell C Com #300R	140'N, 525'E	7	30N	8W
Pool and Formation		County		
Basin Fruitland Coal		San Juan		

Depth	Deviation	Depth	Deviation
<u>(Ft.)</u>	<u>(Degrees)</u>	<u>(Ft.)</u>	<u>(Degrees)</u>

* see attached deviation summary

RECEIVED
MAR 30 1993
OIL CON. DIV.
DIST. 3,

I, the undersigned, certify that I, acting in my capacity as Petroleum Engineer for **MERIDIAN OIL INC.**, am authorized by said Company to make this report; and that this report was prepared under my supervision and directions, and that the facts stated herein are true to the best of my knowledge and belief.

ET Fane

Subscribed and sworn to before me this 7th day of December, 1992.

Regan C. Bradfield
Notary Public in and for San Juan County, New Mexico
My commission expires August 17, 1996.

MERIDIAN OIL - FARMINGTON
DEVIATION SUMMARY

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WELL NAME: HOWELL C COM #300R

EVENT: E

DATE: 12/04/92

GENERAL INFORMATION			
DEPTH (ft)	2604.00	AFE NUMBER	R481
RIG NAME	FOUR CORNERS	SPUD DATE	
DRILLING CONTRACTOR	FOUR CORNERS DRILLING	RIG RELEASE DATE	
CALCULATION METHOD	Minimum Curvature	SECTION PLANE	208.00
CLOSURE DISTANCE (ft)	777.47	CLOSURE DIRECTION	28.76

DEVIATION SUMMARY										
DEPTH (ft KB)	TIE IN	ANGLE	AZIMUTH	T.V.D. (ft KB)	N/S (-) (ft)	E/W (-) (ft)	SECTION (ft)	DLS (°/100)	BUR (°/100)	TYPE
157.00		0.500	0.00	0.00	0.00N	0.00E	0.00	0.00	0.00	TC
333.00	Y	0.000	0.00	333.00	0.00N	0.00E	0.00	0.00	0.00	MD
340.00		1.250	0.00	0.00	0.00N	0.00E	0.00	0.00	0.00	TC
357.00		0.200	35.50	357.00	0.03N	0.02E	-0.04	0.83	0.83	MD
429.00		0.200	55.20	429.00	0.20N	0.20E	-0.27	0.10	0.00	MD
492.00		0.400	220.50	492.00	0.10N	0.15E	-0.16	0.95	0.32	MD
524.00		1.400	210.60	524.00	0.32S	0.12W	0.34	3.15	3.13	MD
555.00		2.700	207.10	554.98	1.30S	0.65W	1.45	4.21	4.19	MD
586.00		4.100	205.00	585.92	2.95S	1.45W	3.29	4.53	4.52	MD
618.00		5.700	203.60	617.80	5.44S	2.57W	6.01	5.01	5.00	MD
649.00		7.400	202.90	648.60	8.69S	3.96W	9.53	5.49	5.48	MD
680.00		9.400	204.30	679.27	12.84S	5.78W	14.05	6.48	6.45	MD
711.00		11.300	205.70	709.76	17.88S	8.14W	19.61	6.18	6.13	MD
743.00		13.300	207.10	741.02	23.98S	11.18W	26.42	6.32	6.25	MD
773.00		15.400	207.10	770.08	30.60S	14.57W	33.86	7.00	7.00	MD
804.00		17.800	209.20	799.79	38.40S	18.76W	42.71	7.98	7.74	MD
836.00		20.100	211.30	830.05	47.37S	24.00W	53.09	7.50	7.19	MD
867.00		22.500	212.00	858.93	56.95S	29.91W	64.33	7.79	7.74	MD
898.00		23.800	212.00	887.43	67.29S	36.37W	76.49	4.19	4.19	MD
929.00		24.600	212.00	915.71	78.07S	43.10W	89.17	2.58	2.58	MD
960.00		24.600	212.00	943.90	89.01S	49.94W	102.04	0.00	0.00	MD
992.00		24.600	212.00	973.00	100.31S	57.00W	115.33	0.00	0.00	MD
1,022.00		25.600	212.00	1,000.17	111.10S	63.74W	128.02	3.33	3.33	MD
1,054.00		27.100	212.00	1,028.84	123.14S	71.27W	142.19	4.69	4.69	MD
1,085.00		29.100	210.60	1,056.18	135.62S	78.85W	156.76	6.79	6.45	MD

MERIDIAN OIL - FARMINGTON
DEVIATION SUMMARY

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WELL NAME: HOWELL C COM #300R

EVENT: E

DATE: 12/04/92

DEVIATION SUMMARY										
DEPTH (ft KB)	TIE IN	ANGLE	AZIMUTH	T.V.D. (ft KB)	N/S (-) (ft)	E/W (-) (ft)	SECTION (ft)	DLS (°/100)	BUR (°/100)	TYPE
1,146.00		31.400	208.50	1,108.87	162.36S	93.99W	187.48	4.15	3.77	MD
1,209.00		31.800	207.80	1,162.53	191.47S	109.56W	220.49	0.86	0.63	MD
1,271.00		30.300	207.80	1,215.64	219.76S	124.47W	252.47	2.42	-2.42	MD
1,334.00		28.300	208.50	1,270.58	246.95S	139.01W	283.31	3.22	-3.17	MD
1,397.00		28.300	209.20	1,326.05	273.11S	153.42W	313.17	0.53	0.00	MD
1,460.00		28.500	208.50	1,381.47	299.36S	167.88W	343.13	0.62	0.32	MD
1,522.00		28.500	209.20	1,435.96	325.27S	182.15W	372.71	0.54	0.00	MD
1,583.00		28.500	209.20	1,489.57	350.68S	196.35W	401.81	0.00	0.00	MD
1,647.00		28.100	210.60	1,545.92	376.98S	211.47W	432.13	1.21	-0.62	MD
1,711.00		27.300	208.50	1,602.59	402.85S	226.15W	461.87	1.97	-1.25	MD
1,774.00		27.300	207.80	1,658.57	428.33S	239.78W	490.76	0.51	0.00	MD
1,838.00		27.300	209.20	1,715.44	454.12S	253.79W	520.11	1.00	0.00	MD
1,901.00		27.100	209.20	1,771.47	479.26S	267.84W	548.90	0.32	-0.32	MD
1,997.00		27.000	209.90	1,856.97	517.24S	289.37W	592.55	0.35	-0.10	MD
2,028.00		26.800	209.90	1,884.62	529.40S	296.36W	606.57	0.65	-0.65	MD
2,060.00		25.200	209.90	1,913.38	541.56S	303.35W	620.58	5.00	-5.00	MD
2,092.00		23.400	209.20	1,942.54	553.01S	309.85W	633.74	5.70	-5.63	MD
2,124.00		21.900	208.50	1,972.07	563.80S	315.80W	646.06	4.76	-4.69	MD
2,156.00		21.900	207.80	2,001.76	574.32S	321.43W	658.00	0.82	0.00	MD
2,187.00		19.900	207.80	2,030.72	584.10S	326.59W	669.05	6.45	-6.45	MD
2,251.00		19.700	207.80	2,090.94	603.28S	336.70W	690.74	0.31	-0.31	MD
2,313.00		18.900	207.10	2,149.46	621.46S	346.15W	711.22	1.34	-1.29	MD
2,343.00		18.600	206.40	2,177.87	630.07S	350.49W	720.86	1.25	-1.00	MD
2,374.00		17.400	205.00	2,207.35	638.70S	354.65W	730.44	4.11	-3.87	MD
2,403.00		16.000	204.30	2,235.13	646.27S	358.13W	738.75	4.88	-4.83	MD
2,435.00		14.600	204.30	2,266.00	653.97S	361.60W	747.18	4.37	-4.38	MD
2,467.00		13.100	202.90	2,297.07	660.99S	364.67W	754.82	4.80	-4.69	MD
2,499.00		11.500	203.60	2,328.33	667.25S	367.36W	761.61	5.02	-5.00	MD
2,529.00		10.000	204.30	2,357.80	672.36S	369.63W	767.19	5.02	-5.00	MD
2,560.00		8.200	206.40	2,388.41	676.79S	371.72W	772.08	5.90	-5.81	MD
2,604.00		5.700	207.40	2,432.08	681.54S	374.12W	777.40	5.69	-5.68	MD