

Geodirectional

NOV 01 1991

M.W.D. Services

**AIR-AIR/MIST-FOAM-MUD DRILLING
HORIZONTAL & DEVIATED**

December 14, 1990

Mr. Bob Jacobson
Veteran Exploration
General Delivery
Cubam NM 87103

RECEIVED
NOV 12 1991
OIL CON. DIV.
DIST. 3

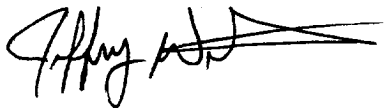
SAN ISIDRO 11 #14

N-11-20N-3W

Dear Mr. Jacobson;

Please find enclosed a certified copy of survey information from the Renegade #1 well. If you require further information please feel free to call.

Sincerely,
Geoservices Inc.



Jeffry Wilson
Operations Manager

III. MWD SURVEYS OF RENEGADE #1:

TABLE A: Deviation report

RECEIVED

NOV 12 1991

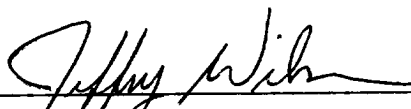
OIL CON. DIV.
DIST. 3

Measured Depth (ft)	Drift Angle (Deg)	Azimuth Geo (Deg)
3603	1.750	164.8
3633	0.125	352.3
3663	4.250	338.8
3695	8.500	341.3
3725	12.880	340.3
3755	17.125	340.3
3786	21.750	338.8
3818	25.875	335.8
3848	29.750	333.8
3878	33.875	332.3
3909	38.250	332.3
3939	41.875	331.8
3970	46.375	331.8
4002	48.625	335.3
4033	55.000	332.3
4065	59.500	331.8
4096	64.000	331.3
4135	68.750	331.8
4166	68.625	332.3
4226	68.000	332.3
4255	67.625	331.8
4282	67.250	331.8
4316	66.750	332.3
4346	66.250	332.8
4378	65.875	332.8
4409	65.250	332.3
4440	64.625	333.3
4500	64.000	333.3
4530	64.500	333.8
4559	65.125	333.8
4589	65.500	334.3
4620	65.625	334.8
4651	66.375	335.8
4680	67.000	336.8
4710	67.875	337.8
4740	68.000	338.3
4772	67.750	339.3
4800	66.875	338.8
4858	65.250	339.8
4918	66.375	339.8
4978	68.125	339.8

TABLE A : (CONTINUED)

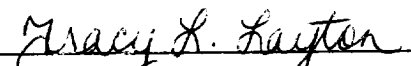
MEASURED DEPTH (ft)	DRIFT ANGLE (deg)	AZIMUTH GEO (deg)
5030	69.875	339.8
5098	71.625	339.3
5158	73.375	339.3
5218	74.875	339.3
5278	76.375	339.3
5353	78.125	339.8
5383	78.000	339.8
5446	77.000	339.8
5476	76.625	339.3
5507	76.500	339.8
5538	76.250	339.8
5597	76.625	340.8
5628	76.250	341.3
5689	76.500	341.8
5721	76.875	341.8
5752	76.375	342.3
5813	76.000	342.3
5878	77.750	343.3
5940	78.750	342.8
6000	80.000	343.3
6062	81.250	343.3
6122	82.625	343.3
6184	83.750	343.8
6246	84.750	343.8
6274	85.125	343.8

The above survey information taken with Geoservices MWD
for (Renegade #1).


Jeffery Wilson
Technical Manager

12-14-90

Date


Signature Notary

12/14/90

Date

Commission Expires:
8/14/91