



October 3, 1997

Frank Chavez, Supervisor
NMOCD District III
1000 Rio Brazos Road
Aztec, NM 87410

**Amoco Production Company
San Juan Business Unit**

1670 Broadway
Post Office Box 800
Denver, Colorado 80201
303-830-4040

Mr. William J. LeMay, Director
New Mexico Oil Conservation Division
2040 S. Pacheco Street
P. O. Box 6429
Santa Fe, NM 87505

Additional Data

Fields A #1

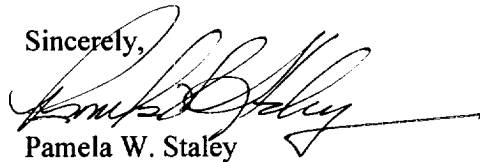
Unit A Section 25-T32N-R11W

Blanco Mesaverde Pool

San Juan County, New Mexico

As per the requirements of NMOCD Administrative Order No. DD-193, I am providing a copy enclosed herein of the wellbore surveys taken during operations on this well to both the Aztec District Office and the Santa Fe Office of the Division. Should you have questions, please do not hesitate to call me at (303)830-5344.

Sincerely,



Pamela W. Staley

Enclosure

RECEIVED
OCT 14 1997
OIL CON. DIV.
DIST. 3

Sperry-Sun

DRILLING SERVICES

A DRESSER INDUSTRIES, INC. COMPANY

Amoco Production Co.
New Mexico
Re-Entry Wells
Sec 25-T32N-R11W
Fields A 1 - Electro Magnetic Surveys - GeoService

SURVEY REPORT

22 September, 1997

Survey Ref: svy1991

Sperry-Sun Drilling Services

Survey Report for Fields A 1 - Electro Magnetic Surveys - GeoService



Amoco Production Co.
New Mexico

Re-Entry Wells
Sec 25-T32N-R11W

Measured Depth (ft)	Incl.	Azim.	Vertical Depth (ft)	Northings (ft)	Eastings (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)
0.00	0.000	0.000	0.00	0.00 N	0.00 E	0.00	
3144.00	0.000	0.000	3144.00	0.00 N	0.00 E	0.00	0.000
3190.00	2.130	328.820	3189.99	0.73 N	0.44 W	-0.83	4.630
3283.00	2.940	303.200	3282.90	3.52 N	3.33 W	-4.84	1.477
3376.00	4.130	301.450	3375.72	6.57 N	8.19 W	-10.43	1.285
3467.00	5.500	300.950	3466.40	10.52 N	14.72 W	-17.85	1.506
3562.00	7.310	302.700	3560.80	16.13 N	23.71 W	-28.17	1.916
3656.00	9.060	307.450	3653.84	23.86 N	34.62 W	-41.35	1.994
3750.00	8.880	313.450	3746.69	33.35 N	45.76 W	-55.94	1.013
3841.00	8.130	318.700	3836.69	43.02 N	55.11 W	-69.39	1.185
3935.00	7.560	322.570	3929.81	52.92 N	63.26 W	-82.15	0.826
4028.00	8.810	325.700	4021.87	63.66 N	70.99 W	-85.21	1.426
4123.00	7.750	330.200	4115.88	75.23 N	78.27 W	-108.54	1.307
4215.00	6.630	332.320	4207.15	85.32 N	83.82 W	-119.60	1.251
4308.00	6.560	332.000	4299.54	94.76 N	88.81 W	-129.80	0.085
4400.00	5.560	328.820	4391.02	103.21 N	93.58 W	-139.16	1.146
4491.00	4.940	336.000	4481.64	110.57 N	97.46 W	-147.10	0.991
4586.00	4.560	334.950	4576.31	117.72 N	100.72 W	-154.47	0.410
4680.00	3.940	328.700	4670.05	123.87 N	103.98 W	-161.12	0.822
4741.00	3.810	333.320	4730.91	127.47 N	105.98 W	-165.08	0.354
4772.00	3.810	333.720	4761.85	129.31 N	106.90 W	-167.03	0.086
4804.00	4.060	337.070	4753.77	131.31 N	107.81 W	-169.09	0.061
4835.00	3.060	358.320	4824.71	133.15 N	108.26 W	-170.70	5.288
4866.00	1.900	72.200	4855.69	134.13 N	107.80 W	-171.07	10.068
4896.00	4.440	118.900	4885.64	133.72 N	106.31 W	-169.73	11.425
4926.00	6.440	125.900	4915.51	132.18 N	103.93 W	-166.95	7.012
4958.00	8.810	134.100	4947.22	129.42 N	100.71 W	-162.73	8.131
4989.00	14.200	123.000	4977.59	125.69 N	95.82 W	-156.63	18.719
5019.00	18.300	121.700	5006.39	121.21 N	88.72 W	-148.44	13.720
5051.00	22.810	122.690	5036.34	115.22 N	79.22 W	-137.49	14.135
5081.00	24.810	130.600	5063.80	107.98 N	69.54 W	-125.53	12.546
5143.00	25.810	144.200	5119.89	88.55 N	51.76 W	-99.21	9.496
5174.00	25.690	139.320	5147.82	77.98 N	43.43 W	-85.85	6.848
5204.00	28.880	139.070	5174.48	67.57 N	34.44 W	-72.13	10.640
5235.00	30.690	135.820	5201.38	56.24 N	24.02 W	-56.75	7.822
5266.00	35.280	136.070	5227.38	44.11 N	12.29 W	-39.88	14.813
5297.00	38.580	136.200	5252.16	30.89 N	0.61 E	-21.27	10.584
5327.00	42.800	136.700	5274.90	16.52 N	14.06 E	-1.72	14.175
5389.00	47.600	137.500	5318.58	15.71 S	44.01 E	42.23	7.796
5450.00	46.400	137.700	5360.18	48.65 S	74.09 E	86.79	1.982
5512.00	45.100	139.100	5403.44	81.86 S	103.58 E	131.12	2.648
5573.00	43.900	139.600	5446.95	114.29 S	131.43 E	173.75	2.049
5603.00	43.100	140.100	5468.71	130.08 S	144.75 E	194.33	2.903

Continued...

Sperry-Sun Drilling Services

Survey Report for Fields A 1 - Electro Magnetic Surveys - GeoService



**Amoco Production Co.
New Mexico**

**Re-Entry Wells
Sec 25-T32N-R11W**

All data is in feet unless otherwise stated. Directions and coordinates are relative to True North.
Vertical depths are relative to Well. Northings and Eastings are relative to Well.

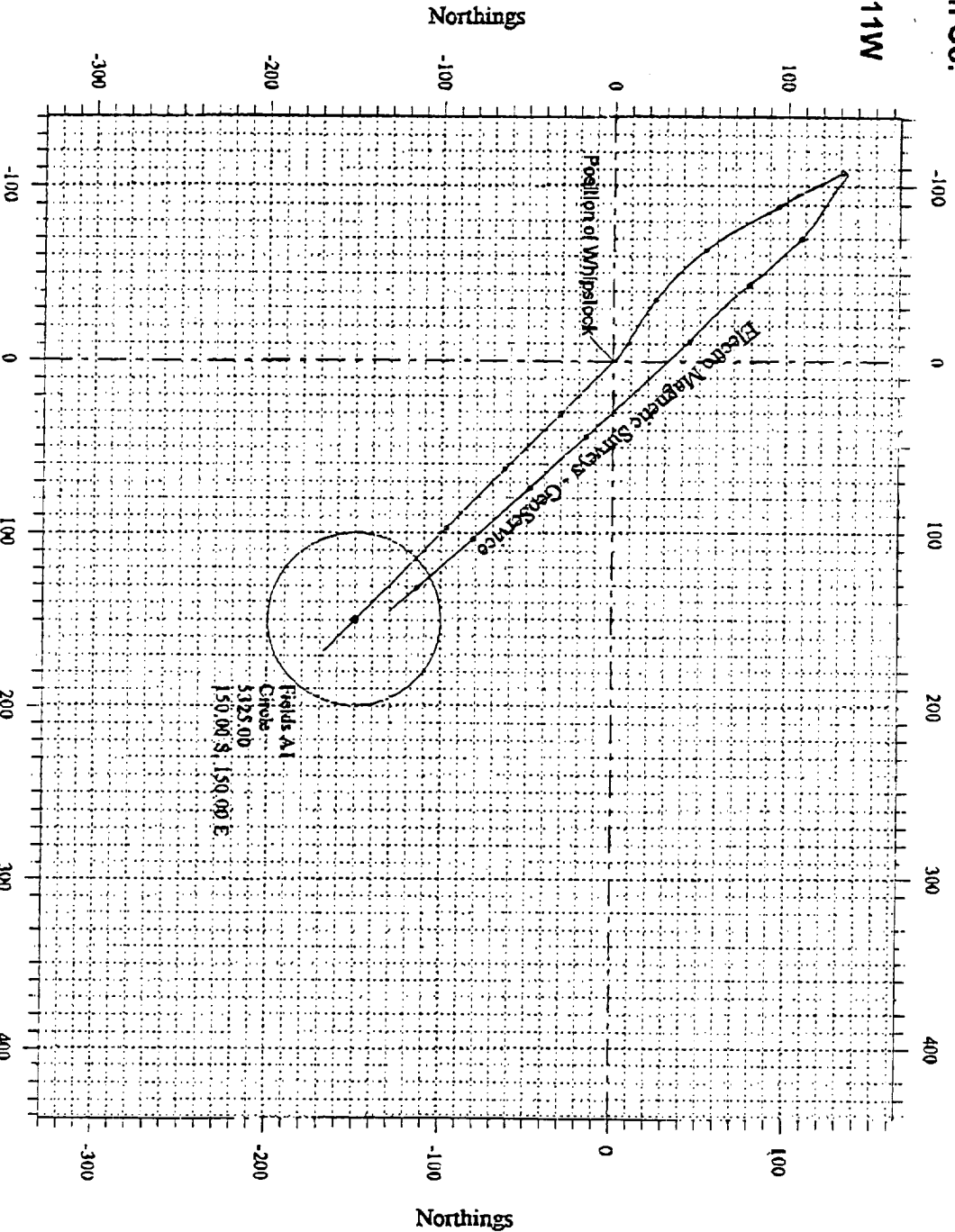
The Dogleg Severity is in Degrees per 100ft.
Vertical Section is from Well and calculated along an Azimuth of 135.000° (True).

Based upon Minimum Curvature type calculations, at a Measured Depth of 5603.00ft,
The Bottom Hole Displacement is 194.61ft, in the Direction of 131.945° (True).

Customer: Amoco Production Co.
 Folder: Amoco Production Co.
 Field: New Mexico
 Project: Re-Entry Wells
 Structure: Sec 25-T32N-R11W
 Well: Fields A 1

Scale: 1 inch = 100ft

Eastings



Scale: 1 inch = 100ft
 Reference is True North

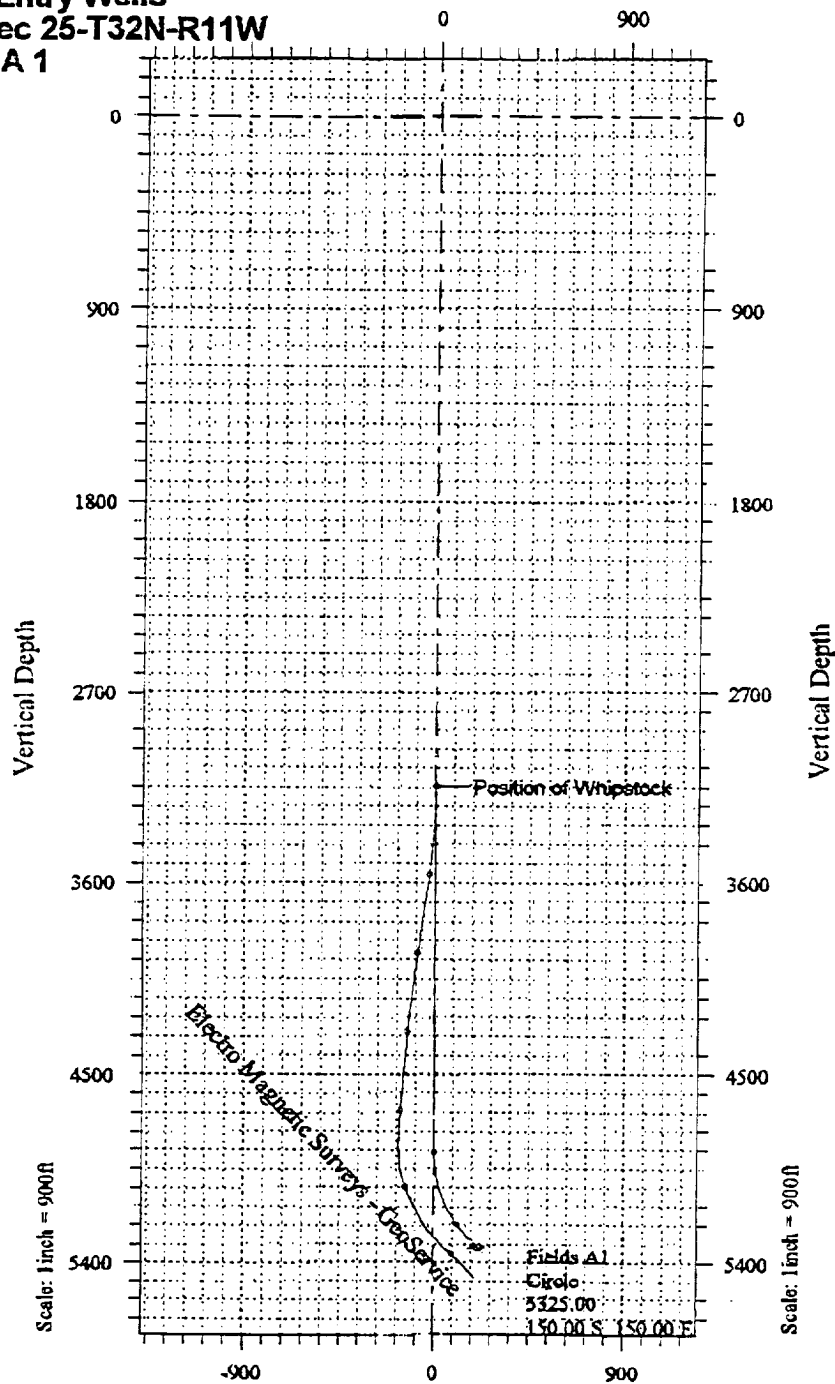
Eastings

Prepared:

Checked:

Approved:

Customer: Amoco Production Co. Vertical Section
Folder: Amoco Production Co.
Field: New Mexico
Project: Re-Entry Wells
Structure: Sec 25-T32N-R11W
Well: Fields A 1



Scale: 1 inch = 900ft

Section Azimuth: 135.000 (True North)

Vertical Section

Prepared:

Checked:

Approved: