



**Amoco Production Company
San Juan Business Unit**

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

October 29, 1997

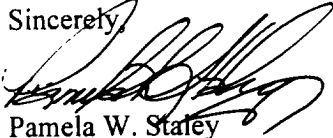
Mr. William J. LeMay, Director
New Mexico Oil Conservation Division
2040 S. Pacheco Street
P.O. Box 6429
Santa Fe, NM 87505

RECEIVED
NOV - 3 1997
OIL CON. DIV.
DIST. 3

K
**Deviated Wellbore Surveys
Dawson LS #1B
Unit K Section 31-T31N-R8W (Surface Location)
Unit N Section 31-T31N-R 8W (Bottomhole Location)
Blanco Mesaverde Pool
San Juan County, New Mexico**

Enclosed please find the post drilling wellbore surveys for the subject well for your files. Should you have questions, please contact me at (303) - 830-5344.

Sincerely,


Pamela W. Staley

Attachments

cc: Mark Yamasaki, Amoco
Pat Archuleta, Amoco
Well File
Proration Files

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

SPERRY-SUN

DRILLING SERVICES

A DRESSER INDUSTRIES, INC. COMPANY

***Amoco Production Co.
New Mexico
Re-Entry Wells
Sec 31-T31N-R8W
Dawson LS1B - Geoservices MWD***

SURVEY REPORT

20 October, 1997

Survey Ref: svy2083

Sperry-Sun Drilling Services

Survey Report for Dawson LS1B - Geoservices MWD



Amoco Production Co.
New Mexico

Re-Entry Wells
Sec 31-T31N-R8W

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	
3343.00	0.000	0.000	3343.00	0.00 N	0.00 E	0.00	0.000
4277.00	2.000	234.400	4276.81	9.49 S	13.25 W	-2.06	0.214
4309.00	1.300	229.600	4308.80	10.05 S	13.98 W	-2.15	2.228
4340.00	2.800	266.800	4339.78	10.32 S	15.01 W	-2.65	6.231
4370.00	4.100	272.300	4369.72	10.32 S	16.81 W	-3.88	4.467
4371.00	2.400	272.100	4370.72	10.31 S	16.87 W	-3.92	170.004
4402.00	1.000	175.200	4401.71	10.56 S	17.49 W	-4.16	8.737
4434.00	3.900	139.200	4433.68	11.66 S	16.76 W	-2.86	9.832
4464.00	7.600	136.800	4463.52	13.88 S	14.73 W	0.15	12.357
4495.00	10.300	131.300	4494.14	17.21 S	11.25 W	4.96	9.127
4526.00	13.100	130.600	4524.50	21.32 S	6.50 W	11.20	6.044
4558.00	15.500	130.400	4555.60	26.45 S	0.49 W	19.06	7.502
4589.00	18.600	133.300	4585.14	32.53 S	6.27 E	28.10	0.368
4620.00	22.500	129.700	4614.16	39.71 S	14.43 E	38.92	3.219
4652.00	23.800	135.600	4643.59	43.24 S	23.66 E	51.45	6.306
4683.00	25.600	137.800	4671.75	57.67 S	32.54 E	64.40	5.519
4713.00	27.900	138.300	4698.54	67.71 S	41.56 E	77.90	7.703
4744.00	30.600	138.100	4725.58	79.00 S	51.66 E	93.05	8.715
4775.00	33.200	138.300	4751.90	91.22 S	62.58 E	109.42	6.394
4806.00	35.900	138.700	4777.43	104.38 S	74.22 E	127.00	8.140
4837.00	38.700	136.300	4802.09	118.22 S	86.92 E	145.78	10.177
4899.00	44.200	137.300	4848.54	148.14 S	114.99 E	186.80	1.935
4961.00	44.900	136.100	4892.72	179.79 S	144.82 E	230.29	1.766
5023.00	44.400	134.700	4936.83	210.82 S	175.41 E	273.84	1.780
5085.00	44.100	135.700	4981.24	241.51 S	205.90 E	317.08	1.225
5147.00	44.300	136.200	5025.69	272.58 S	235.95 E	360.30	0.648
5208.00	43.200	134.800	5069.76	302.67 S	265.51 E	402.46	2.402
5270.00	42.000	135.500	5115.40	332.42 S	295.11 E	444.40	2.081
5331.00	42.000	134.900	5160.73	361.38 S	323.87 E	485.19	0.858
5392.00	43.100	135.100	5205.66	390.55 S	353.03 E	526.41	1.817
5451.00	43.100	135.600	5248.74	419.23 S	381.37 E	568.71	0.579
5514.00	43.400	135.200	5294.63	449.96 S	411.68 E	609.85	0.645
5574.00	44.100	134.100	5337.97	479.12 S	441.19 E	651.30	1.723
5636.00	45.200	133.100	5382.08	509.16 S	472.75 E	694.79	2.105

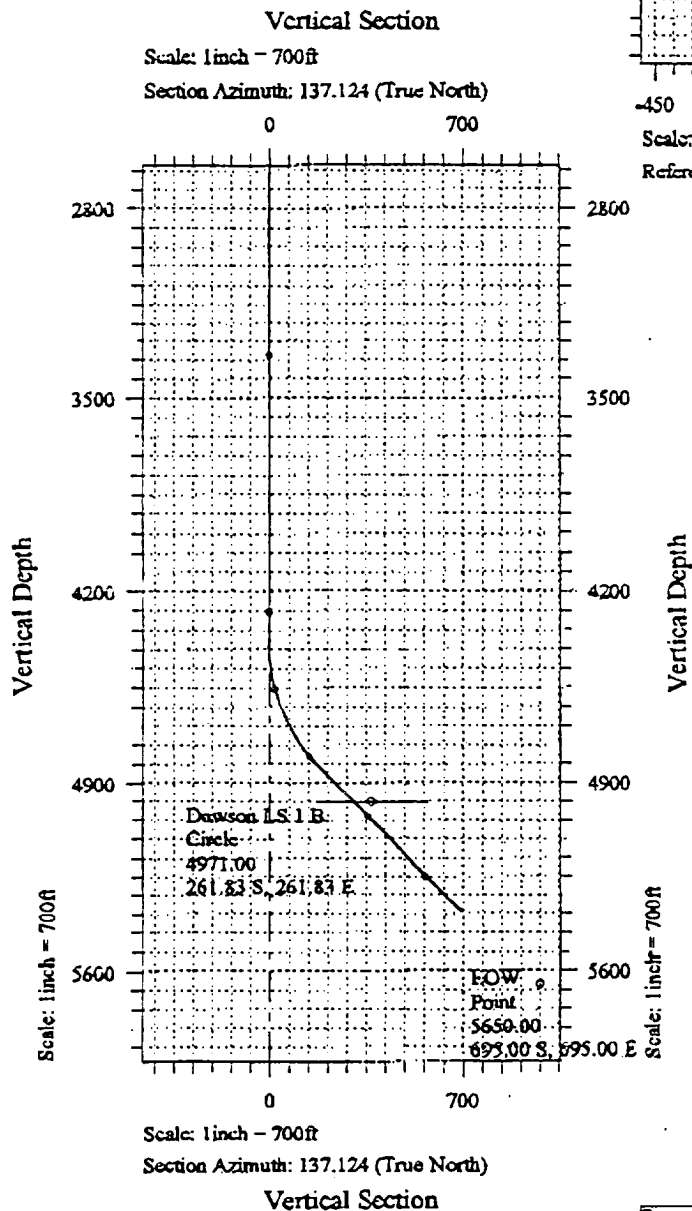
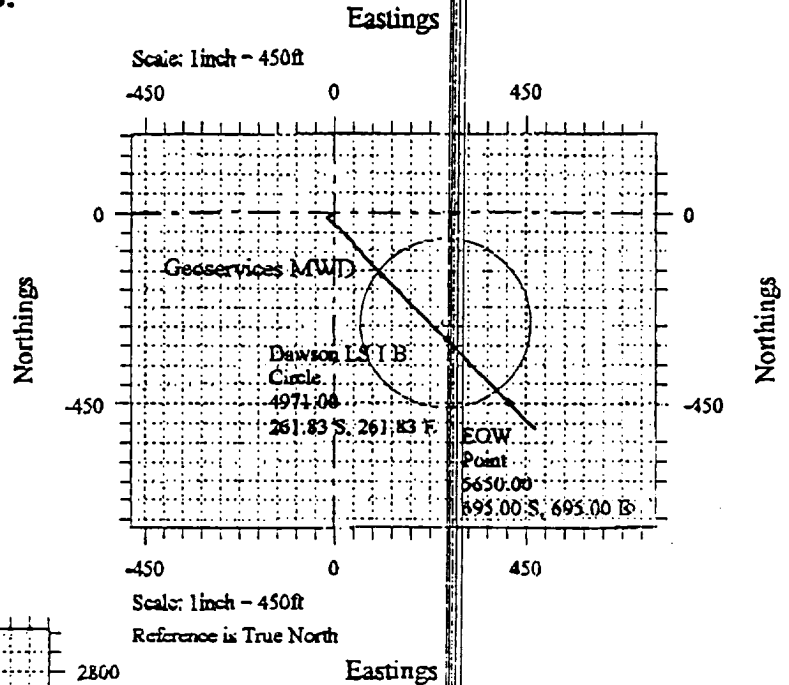
All data is in feet unless otherwise stated. Directions and coordinates are relative to True North.
Vertical depths are relative to Well. Northings and Eastings are relative to Well.

The Dogleg Severity is in Degrees per 100ft.

Vertical Section is from Well and calculated along an Azimuth of 137.124° (True).

Based upon Minimum Curvature type calculations, at a Measured Depth of 5636.00ft.
The Bottom Hole Displacement is 694.79ft, in the Direction of 137.124° (True).

Customer: Amoco Production Co.
Folder: Amoco Production Co.
Field: New Mexico
Project: Re-Entry Wells
Structure: Sec 31-T31N-R8W
Well: Dawson LS1B



Prepared:

Checked:

Approved: