

May 23, 1996
5:55 am

PathTracker 4.0
Survey Calculation Program
PERFORMANCE DRILLING SPECIALISTS

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Customer: TEXACO EXPLORATION & PRODUCTION, INC.
WellName: Central Vacuum Unit #188
Location: Section 36, Township 17S, Range 34E
Lea County, Mexico
25 Miles NW of Hobbs, New Mexico (Buckeye)

Unit P Surface 650/54 318/E
BHL 655/54 118/E

Vertical Section Calculated on: 87.5800
Survey Calculation Method: Minimum Curvature
FileName: C:\PATHTRKR\WELLS\CVU188.SR3

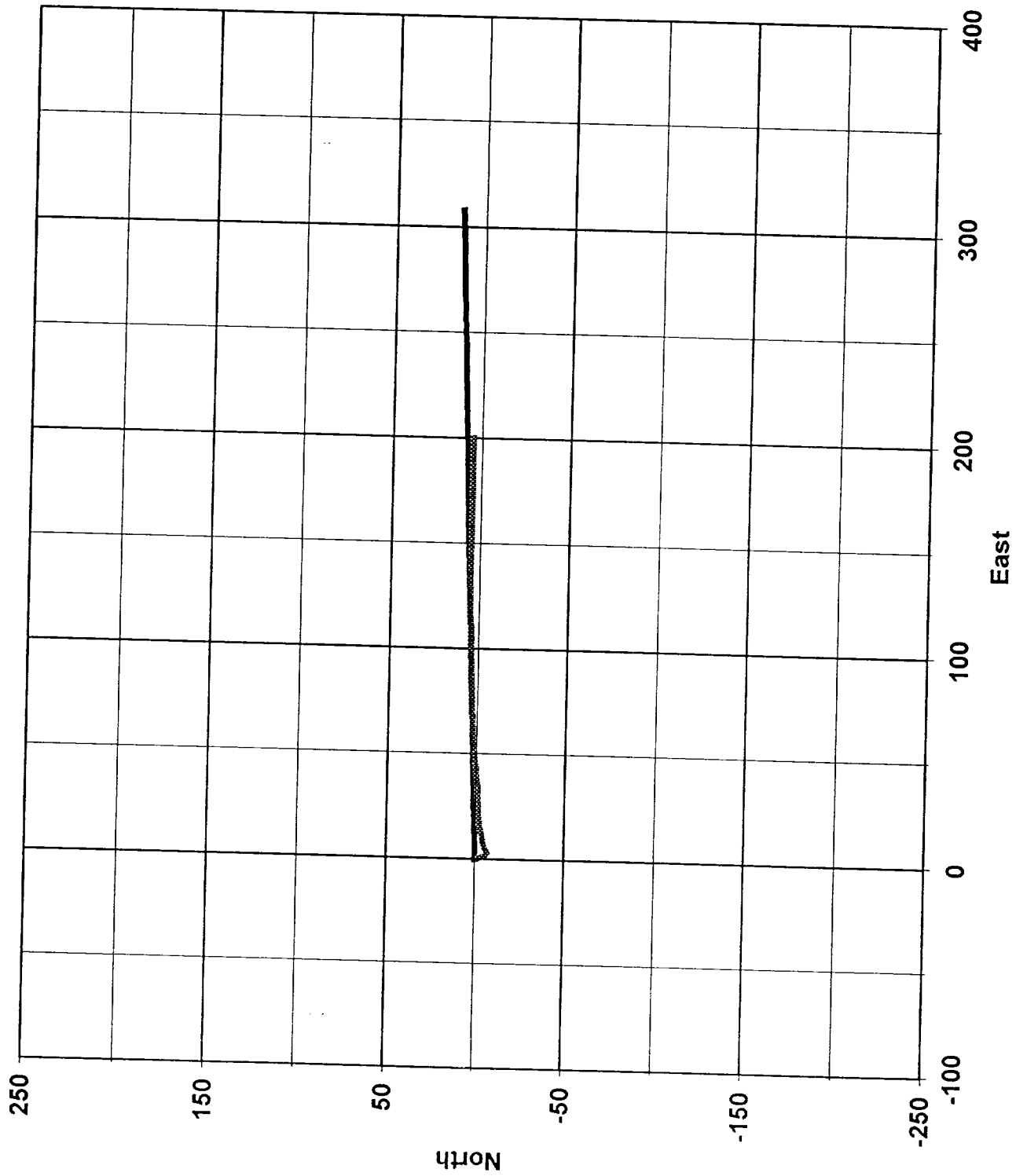
#	Depth Feet	Inc Degrees	Azimuth Degrees	TVD Feet	North Feet	East Feet	Section Feet	Dogleg /100f	BldRate /100f	TrnRate /100f
0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Assume Vertical to Bottom of Casing

1	1552.00	0.00	0.00	1552.00	0.00	0.00	0.00	0.00	0.00	0.00
2	1590.00	0.90	83.70	1590.00	0.03	0.30	0.30	2.37	2.37	0.00
3	2087.00	1.40	208.70	2086.95	-4.86	1.26	1.05	0.41	0.10	25.15
4	2583.00	1.40	53.30	2582.89	-6.56	3.21	2.93	0.55	0.00	-31.33
5	2699.00	1.30	63.20	2698.86	-5.12	5.52	5.30	0.22	-0.09	8.53
6	2762.00	2.20	74.50	2761.83	-4.47	7.32	7.13	1.52	1.43	17.94
7	2826.00	4.10	76.60	2825.73	-3.61	10.73	10.57	2.97	2.97	3.28
8	2888.00	4.40	74.10	2887.56	-2.45	15.18	15.06	0.57	0.48	-4.03
9	2951.00	5.30	87.10	2950.34	-1.64	20.41	20.32	2.25	1.43	20.63
10	3014.00	6.60	85.40	3013.00	-1.20	26.92	26.85	2.08	2.06	-2.70
11	3077.00	8.00	85.50	3075.48	-0.57	34.90	34.85	2.22	2.22	0.16
12	3138.00	8.90	81.80	3135.82	0.44	43.80	43.78	1.72	1.48	-6.07
13	3200.00	10.60	82.40	3196.92	1.88	54.20	54.24	2.75	2.74	0.97
14	3263.00	12.00	86.80	3258.70	3.01	66.49	66.56	2.61	2.22	6.98
15	3326.00	13.40	87.70	3320.16	3.67	80.32	80.40	2.24	2.22	1.43
16	3390.00	14.30	88.40	3382.30	4.19	95.63	95.72	1.43	1.41	1.09
17	3453.00	15.70	86.90	3443.15	4.86	111.92	112.03	2.31	2.22	-2.38
18	3516.00	17.00	89.70	3503.60	5.37	129.64	129.76	2.41	2.06	4.44
19	3579.00	16.40	90.60	3563.94	5.33	147.75	147.84	1.04	-0.95	1.43
20	3705.00	16.10	90.00	3684.91	5.14	183.00	183.06	0.27	-0.24	-0.48
21	3769.00	14.70	90.50	3746.61	5.07	200.00	200.04	2.20	-2.19	0.78

Closure is 200.0641 Feet on an azimuth of 88.5477

Plan View



Central Vacuum Unit #188
CVU188 Proposal

Section View

