

DALTON WELL LOGGING
GRANTS, NEW MEXICO

DATE: 07-OCT-80

CLIENT: ZENITH ENERGY
AREA: LEE RANCH
REMARKS CONCERNING BORE HOLE:
BORE HOLE NO: SFP-27
OPERATOR: H. DALTON

DRIFTED FROM: 750 FEET.
DECLINATION = 13.00E * = SURVEYED POINT

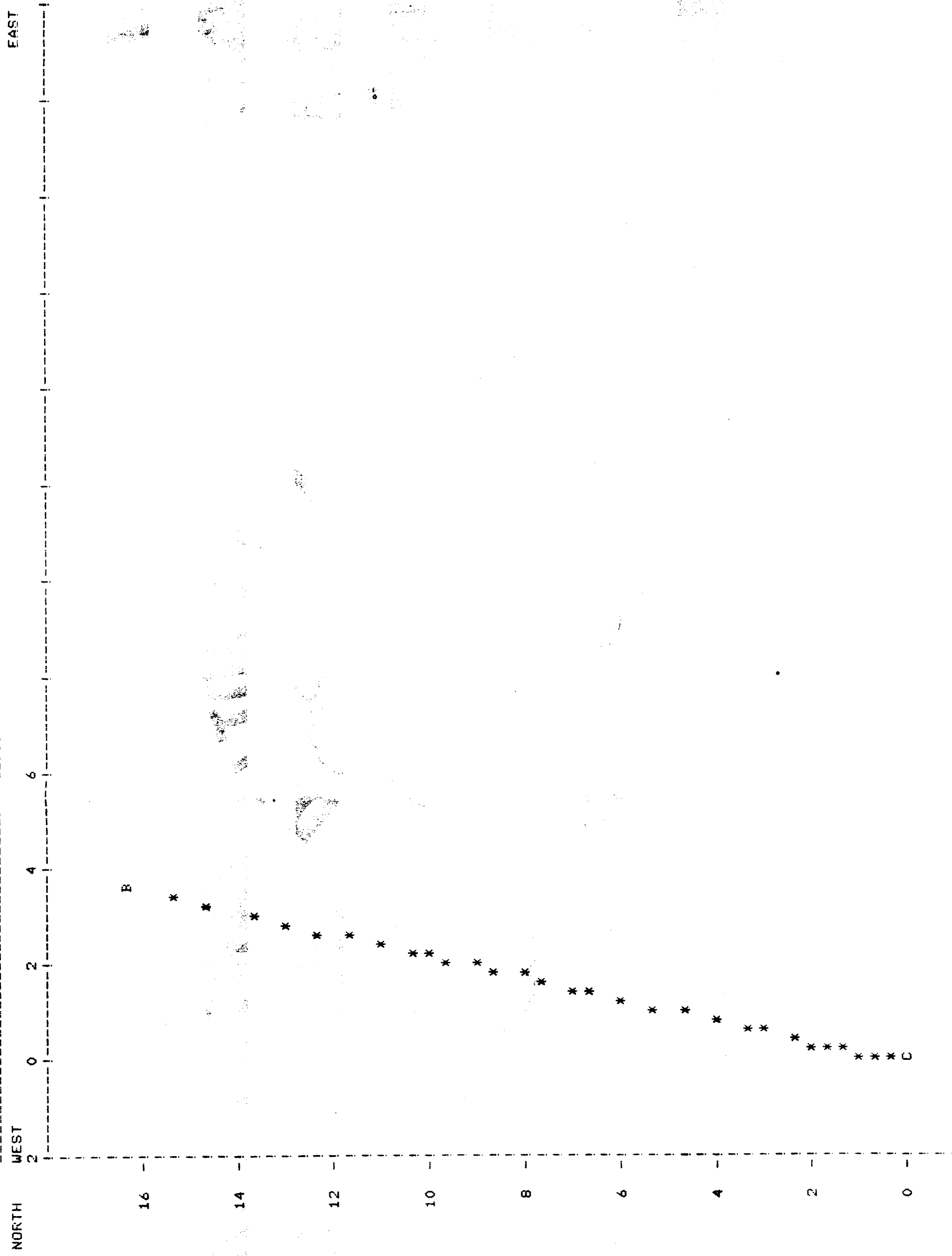
CABLE DEPTH	SLANT ANGLE	SLANT ANGLE BEARING	COORDINATES		TOTAL COORDINATES		DISP	COLLAR BEARING	TVD
			N/S	E/W	SUM N/S	SUM E/W			
25.00	0.25	13.00 (N 13.00E)	0.21	0.05	0.21	0.05	0.22	13.00 (N 13.00E)	25.00
50.00	0.50	13.00 (N 13.00E)	0.21	0.05	0.43	0.10	0.44	13.00 (N 13.00E)	50.00
75.00	0.62	13.00 (N 13.00E)	0.32	0.07	0.74	0.17	0.76	13.00 (N 13.00E)	75.00
100.00	0.75	13.00 (N 13.00E)	0.32	0.07	1.06	0.25	1.09	13.00 (N 13.00E)	99.99
125.00	0.87	13.00 (N 13.00E)	0.32	0.07	1.38	0.32	1.42	13.00 (N 13.00E)	124.99
150.00	1.00	13.00 (N 13.00E)	0.32	0.07	1.70	0.39	1.75	13.00 (N 13.00E)	149.99
175.00	1.13	13.00 (N 13.00E)	0.53	0.12	2.23	0.52	2.29	13.00 (N 13.00E)	174.98
200.00	1.25	13.00 (N 13.00E)	0.53	0.12	2.76	0.64	2.84	13.00 (N 13.00E)	199.98
225.00	1.38	13.00 (N 13.00E)	0.53	0.12	3.29	0.76	3.38	13.00 (N 13.00E)	224.97
250.00	1.50	13.00 (N 13.00E)	0.53	0.12	3.83	0.88	3.93	13.00 (N 13.00E)	249.96
275.00	1.50	13.00 (N 13.00E)	0.64	0.15	4.46	1.03	4.58	13.00 (N 13.00E)	274.96
300.00	1.50	13.00 (N 13.00E)	0.64	0.15	5.10	1.18	5.24	13.00 (N 13.00E)	299.95
325.00	1.50	13.00 (N 13.00E)	0.64	0.15	5.74	1.32	5.89	13.00 (N 13.00E)	324.94
350.00	1.50	13.00 (N 13.00E)	0.64	0.15	6.38	1.47	6.54	13.00 (N 13.00E)	349.93
375.00	1.38	13.00 (N 13.00E)	0.53	0.12	6.91	1.59	7.09	13.00 (N 13.00E)	374.92
400.00	1.25	13.00 (N 13.00E)	0.53	0.12	7.44	1.72	7.64	13.00 (N 13.00E)	399.92
425.00	1.13	13.00 (N 13.00E)	0.53	0.12	7.97	1.84	8.18	13.00 (N 13.00E)	424.91
450.00	1.00	13.00 (N 13.00E)	0.53	0.12	8.50	1.96	8.73	13.00 (N 13.00E)	449.91
475.00	1.00	13.00 (N 13.00E)	0.43	0.10	8.93	2.06	9.16	13.00 (N 13.00E)	474.90
500.00	1.00	13.00 (N 13.00E)	0.43	0.10	9.35	2.16	9.60	13.00 (N 13.00E)	499.90
525.00	1.00	13.00 (N 13.00E)	0.43	0.10	9.78	2.26	10.03	13.00 (N 13.00E)	524.89
550.00	1.00	13.00 (N 13.00E)	0.43	0.10	10.20	2.36	10.47	13.00 (N 13.00E)	549.89
575.00	1.25	13.00 (N 13.00E)	0.64	0.15	10.84	2.50	11.13	13.00 (N 13.00E)	574.88
600.00	1.50	13.00 (N 13.00E)	0.64	0.15	11.48	2.65	11.78	13.00 (N 13.00E)	599.87
625.00	1.75	13.00 (N 13.00E)	0.64	0.15	12.12	2.80	12.43	13.00 (N 13.00E)	624.86
650.00	2.00	13.00 (N 13.00E)	0.64	0.15	12.75	2.94	13.09	13.00 (N 13.00E)	649.85
675.00	2.00	13.00 (N 13.00E)	0.85	0.20	13.60	3.14	13.96	13.00 (N 13.00E)	674.84
700.00	2.00	13.00 (N 13.00E)	0.85	0.20	14.45	3.34	14.83	13.00 (N 13.00E)	699.82
725.00	2.00	13.00 (N 13.00E)	0.85	0.20	15.30	3.53	15.71	13.00 (N 13.00E)	724.81
750.00	2.00	13.00 (N 13.00E)	0.85	0.20	16.15	3.73	16.58	13.00 (N 13.00E)	749.79

END OF HOLE: 16.58 FEET, BEARING: 13.00 (N 13.00E)

DALTON WELL LOGGING

LEGEND: C = COLLAR
B = BOTTOM OF HOLE
* = COORDINATE OF POINT IN TABLE

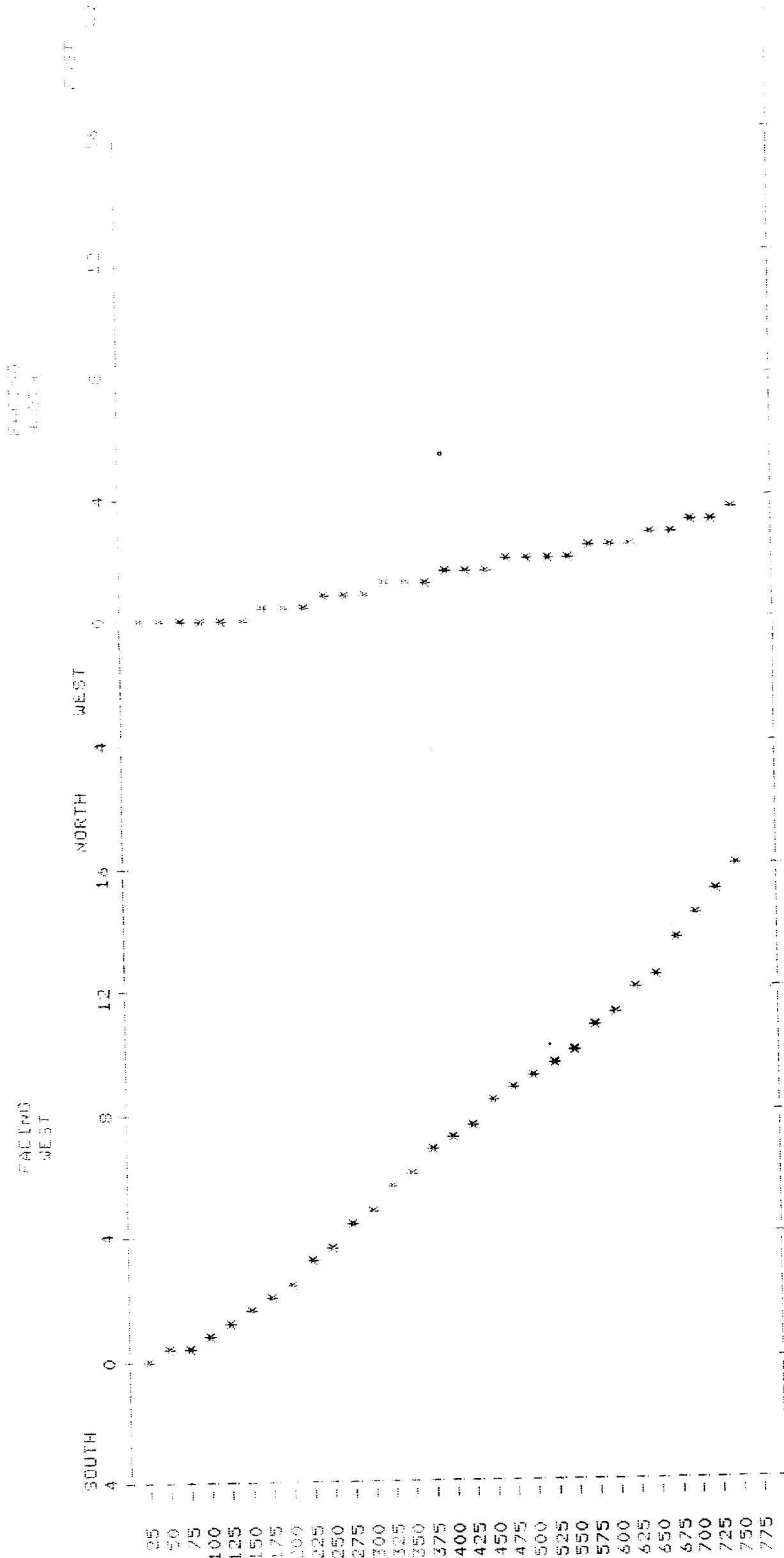
P L A N V I E W



DALTON WELL - 330190

SCALE: 1 HORIZONTAL INCH = 4 FEET,
1 VERTICAL INCH = 150 FEET.

IN GROUND VIEWS



DALTON, WELLS LOGGING
GRANTS, NEW MEXICO

DATE: 07-OCT-80

CLIENT: ZENITH ENERGY
AREA: LEE RANCH
REMARKS CONCERNING BORE HOLE:
BORE HOLE NO: SFP-27
OPERATOR: H. DALTON

DRIFTED FROM: 750 FEET.
DECLINATION = 13.00E * = SURVEYED POINT

CABLE DEPTH	SLANT ANGLE	SLANT ANGLE BEARING	COORDINATES		TOTAL COORDINATES		DISP	COLLAR BEARING	TVD
			N/S	E/W	SUM N/S	SUM E/W			
25.00	0.25	13.00 (N 13.00E)	0.21	0.05	0.21	0.05	0.22	13.00 (N 13.00E)	25.00
50.00	0.50	13.00 (N 13.00E)	0.21	0.05	0.43	0.10	0.44	13.00 (N 13.00E)	50.00
75.00	0.62	13.00 (N 13.00E)	0.32	0.07	0.74	0.17	0.76	13.00 (N 13.00E)	75.00
100.00	0.75	13.00 (N 13.00E)	0.32	0.07	1.06	0.25	1.09	13.00 (N 13.00E)	99.99
125.00	0.87	13.00 (N 13.00E)	0.32	0.07	1.38	0.32	1.42	13.00 (N 13.00E)	124.99
150.00	1.00	13.00 (N 13.00E)	0.32	0.07	1.70	0.39	1.75	13.00 (N 13.00E)	149.99
175.00	1.13	13.00 (N 13.00E)	0.53	0.12	2.23	0.52	2.29	13.00 (N 13.00E)	174.98
200.00	1.25	13.00 (N 13.00E)	0.53	0.12	2.76	0.64	2.84	13.00 (N 13.00E)	199.98
225.00	1.38	13.00 (N 13.00E)	0.53	0.12	3.29	0.76	3.38	13.00 (N 13.00E)	224.97
250.00	1.50	13.00 (N 13.00E)	0.53	0.12	3.83	0.88	3.93	13.00 (N 13.00E)	249.96
275.00	1.50	13.00 (N 13.00E)	0.64	0.15	4.46	1.03	4.58	13.00 (N 13.00E)	274.96
300.00	1.50	13.00 (N 13.00E)	0.64	0.15	5.10	1.18	5.24	13.00 (N 13.00E)	299.95
325.00	1.50	13.00 (N 13.00E)	0.64	0.15	5.74	1.32	5.89	13.00 (N 13.00E)	324.94
350.00	1.50	13.00 (N 13.00E)	0.64	0.15	6.38	1.47	6.54	13.00 (N 13.00E)	349.93
375.00	1.38	13.00 (N 13.00E)	0.53	0.12	6.91	1.59	7.09	13.00 (N 13.00E)	374.92
400.00	1.25	13.00 (N 13.00E)	0.53	0.12	7.44	1.72	7.64	13.00 (N 13.00E)	399.92
425.00	1.13	13.00 (N 13.00E)	0.53	0.12	7.97	1.84	8.18	13.00 (N 13.00E)	424.91
450.00	1.00	13.00 (N 13.00E)	0.53	0.12	8.50	1.96	8.73	13.00 (N 13.00E)	449.91
475.00	1.00	13.00 (N 13.00E)	0.43	0.10	8.93	2.06	9.16	13.00 (N 13.00E)	474.90
500.00	1.00	13.00 (N 13.00E)	0.43	0.10	9.35	2.16	9.60	13.00 (N 13.00E)	499.90
525.00	1.00	13.00 (N 13.00E)	0.43	0.10	9.78	2.26	10.03	13.00 (N 13.00E)	524.89
550.00	1.00	13.00 (N 13.00E)	0.43	0.10	10.20	2.36	10.47	13.00 (N 13.00E)	549.89
575.00	1.25	13.00 (N 13.00E)	0.64	0.15	10.84	2.50	11.13	13.00 (N 13.00E)	574.88
600.00	1.50	13.00 (N 13.00E)	0.64	0.15	11.48	2.65	11.78	13.00 (N 13.00E)	599.87
625.00	1.75	13.00 (N 13.00E)	0.64	0.15	12.12	2.80	12.43	13.00 (N 13.00E)	624.86
650.00	2.00	13.00 (N 13.00E)	0.64	0.15	12.75	2.94	13.09	13.00 (N 13.00E)	649.85
675.00	2.00	13.00 (N 13.00E)	0.85	0.20	13.60	3.14	13.96	13.00 (N 13.00E)	674.84
700.00	2.00	13.00 (N 13.00E)	0.85	0.20	14.45	3.34	14.83	13.00 (N 13.00E)	699.82
725.00	2.00	13.00 (N 13.00E)	0.85	0.20	15.30	3.53	15.71	13.00 (N 13.00E)	724.81
750.00	2.00	13.00 (N 13.00E)	0.85	0.20	16.15	3.73	16.58	13.00 (N 13.00E)	749.79

END OF HOLE: 16.58 FEET, BEARING: 13.00 (N 13.00E)

DALTON WELLS LOGGING

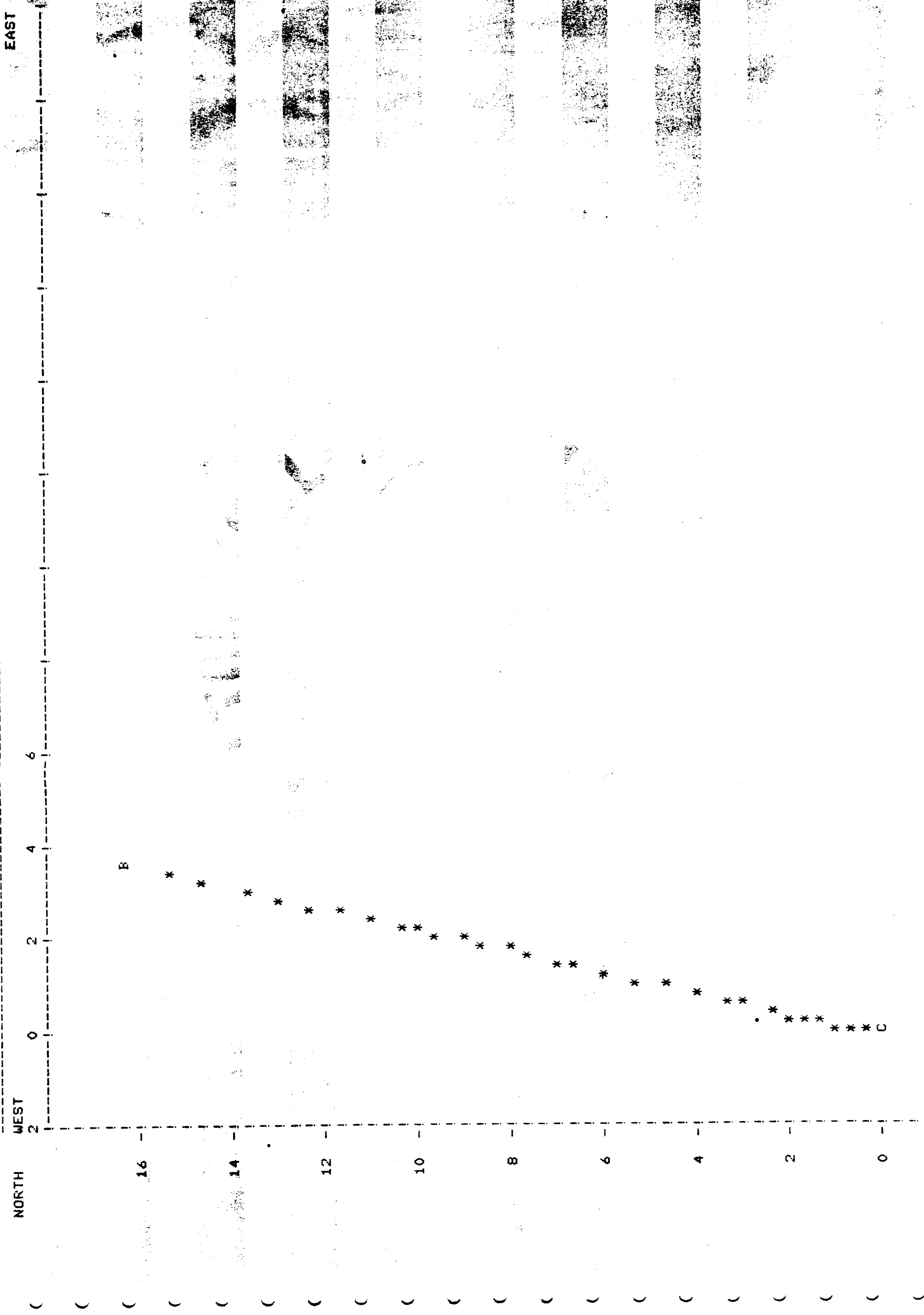
LEGEND:

C = COLLAR

B = BOTTOM OF HOLE

* = COORDINATE OF POINT IN TABLE

PLAN VIEW



DALTON WELL LOGGING

SCALE: 1 HORIZONTAL INCH = 4 FEET.
1 VERTICAL INCH = 150 FEET.

IN GROUND VIEWS

