

DEVON ENERGY
BRADLEY "A" NO. 1

SUR: F-19-23s-34e, 1980/N & 1650/W
BHL: G-19-23s-34e, 1928/N & 3478/W
API # 30-025-21168

slot #1
UNKNOWN
LEA COUNTY, NEW MEXICO



SURVEY LISTING

by
Baker Hughes INTEQ

Your ref : sidetrack
Our ref : svy2276
License :

Date printed : 17-Jul-2003
Date created : 12-Jun-2003
Last revised : 17-Jul-2003

Field is centred on n33 15 0.000,w103 15 0.000,-105
Structure is centred on n33 15 0.000,w103 15 0

Slot location is n33 15 0.000,w103 15 0.000
Slot Grid coordinates are N 820185.293, E 831199.990
Slot local coordinates are 0.00 N 0.00 E

Projection type: mercator - New Mexico East (3001), Spheroid: Clarke - 1866

Reference North is True North

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Measured Depth	Inclin. Degrees	Azimuth Degrees	True Vert Depth	R E C T A N G U L A R C O O R D I N A T E S		Dogleg Deg/100ft	Vert Sect
10450.00	1.30	92.62	10447.71	41.67 N	39.52 E	0.00	39.52
10509.00	4.50	95.70	10506.63	41.41 N	42.49 E	5.43	42.49
10557.00	6.80	95.70	10554.39	40.94 N	47.19 E	4.79	47.19
10618.00	9.50	91.10	10614.77	40.48 N	55.82 E	4.55	55.82
10682.00	9.30	99.50	10677.91	39.53 N	66.20 E	2.16	66.20
10746.00	9.70	103.80	10741.04	37.39 N	76.54 E	1.27	76.54
10804.00	10.50	99.90	10798.14	35.32 N	86.49 E	1.81	86.49
10868.00	10.70	99.90	10861.05	33.29 N	98.09 E	0.31	98.09
10928.00	11.90	97.40	10919.88	31.54 N	109.71 E	2.16	109.71
10991.00	15.60	97.10	10981.07	29.65 N	124.56 E	5.87	124.56
11053.00	17.80	95.70	11040.45	27.68 N	142.27 E	3.61	142.27
11115.00	18.40	96.40	11099.38	25.65 N	161.42 E	1.03	161.42
11179.00	19.00	95.30	11160.00	23.56 N	181.83 E	1.09	181.83
11243.00	20.50	94.60	11220.23	21.70 N	203.38 E	2.37	203.38
11306.00	22.00	93.60	11278.95	20.07 N	226.15 E	2.45	226.15
11370.00	23.90	92.20	11337.88	18.82 N	251.08 E	3.09	251.08
11434.00	26.00	92.20	11395.90	17.79 N	278.05 E	3.28	278.05
11494.00	27.30	92.50	11449.53	16.68 N	304.94 E	2.18	304.94
11557.00	29.80	92.50	11504.86	15.37 N	335.02 E	3.97	335.02
11619.00	31.50	92.90	11558.20	13.88 N	366.59 E	2.76	366.59
11681.00	32.00	92.50	11610.92	12.34 N	399.18 E	0.87	399.18
11744.00	34.10	92.50	11663.73	10.84 N	433.50 E	3.33	433.50
11805.00	35.50	91.80	11713.81	9.54 N	468.29 E	2.39	468.29
11867.00	35.70	90.40	11764.23	8.85 N	504.37 E	1.35	504.37
11929.00	36.70	90.10	11814.26	8.69 N	540.99 E	1.64	540.99
11992.00	38.80	91.80	11864.07	8.04 N	579.55 E	3.72	579.55
12057.00	41.00	90.10	11913.93	7.36 N	621.23 E	3.78	621.23
12117.00	43.20	89.70	11958.45	7.43 N	661.45 E	3.69	661.45
12180.00	43.10	90.40	12004.41	7.40 N	704.54 E	0.78	704.54
12242.00	48.00	83.00	12047.85	10.06 N	748.64 E	11.61	748.64

12296.00	47.80	75.00	12084.08	17.69 N	787.91 E	10.99	787.91
12359.00	45.00	74.90	12127.53	29.53 N	831.97 E	4.45	831.97
12420.00	43.20	75.60	12171.33	40.34 N	873.02 E	3.06	873.02
12483.00	41.70	79.20	12217.82	49.64 N	914.49 E	4.53	914.49
12552.00	38.80	76.30	12270.48	59.06 N	958.05 E	5.00	958.05
12620.00	35.00	79.00	12324.86	67.83 N	997.91 E	6.07	997.91
12681.00	35.60	83.00	12374.65	73.33 N	1032.71 E	3.91	1032.71
12744.00	36.90	85.50	12425.45	77.05 N	1069.77 E	3.12	1069.77
12807.00	36.70	85.50	12475.90	80.01 N	1107.39 E	0.32	1107.39
12870.00	35.20	86.20	12526.90	82.69 N	1144.28 E	2.47	1144.28
12933.00	34.20	86.20	12578.69	85.07 N	1180.07 E	1.59	1180.07
12993.00	35.20	90.80	12628.03	85.95 N	1214.19 E	4.67	1214.19
13054.00	34.90	91.10	12677.97	85.36 N	1249.22 E	0.57	1249.22
13117.00	34.70	92.50	12729.70	84.24 N	1285.15 E	1.31	1285.15
13181.00	35.30	91.80	12782.13	82.86 N	1321.84 E	1.13	1321.84
13249.00	34.50	92.10	12837.90	81.54 N	1360.72 E	1.20	1360.72
13313.00	37.30	91.10	12889.74	80.50 N	1398.23 E	4.47	1398.23
13377.00	38.00	91.80	12940.41	79.51 N	1437.31 E	1.28	1437.31
13437.00	37.20	94.00	12987.95	77.66 N	1473.86 E	2.60	1473.86
13501.00	37.90	92.80	13038.69	75.35 N	1512.80 E	1.58	1512.80

All data is in feet unless otherwise stated.
 Coordinates from slot #1 and TVD from rotary table.
 Bottom hole distance is 1829.05 on azimuth 88.36 degrees from wellhead.
 Vertical section is from N 0.00 E 0.00 on azimuth 90.00 degrees.
 Calculation uses the minimum curvature method.
 Presented by Baker Hughes INTEQ

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Measured Depth	Inclin. Degrees	Azimuth Degrees	True Vert Depth	R E C T A N G U L A R C O O R D I N A T E S	Dogleg Deg/100ft	Vert Sect
13565.00	37.20	91.40	13089.43	73.92 N 1551.77 E	1.72	1551.77
13628.00	35.00	91.50	13140.33	72.98 N 1588.88 E	3.49	1588.88
13692.00	35.90	94.30	13192.47	71.10 N 1625.94 E	2.90	1625.94
13755.00	36.10	96.40	13243.44	67.64 N 1662.81 E	1.98	1662.81
13819.00	36.10	95.30	13295.15	63.80 N 1700.32 E	1.01	1700.32
13882.00	36.80	95.00	13345.83	60.44 N 1737.60 E	1.15	1737.60
13965.00	36.80	95.00	13412.29	56.11 N 1787.13 E	0.00	1787.13
14034.00	36.80	95.00	13467.54	52.50 N 1828.30 E	0.00	1828.30

All data is in feet unless otherwise stated.

Coordinates from slot #1 and TVD from rotary table.
Bottom hole distance is 1829.05 on azimuth 88.36 degrees from wellhead.
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NO PROPOSAL