



ENCANA OIL & GAS (USA) INC, Slot #1
13-12
SEC.12-T2N-R68W,
Weld County, COLORADO

SURVEY LISTING Page 1
Wellbore: Neighbors 13-12 (AWB)
Wellpath: Neighbors 13-12 (AWP#1)
Date Printed: 6-Oct-2004



Wellbore

Name	Created	Last Revised
Neighbors 13-12 (AWB)	6-Oct-2004	6-Oct-2004

Well

Name	Government ID	Last Revised
Neighbors 13-12		24-Oct-2003

Slot

Name	Grid Northing	Grid Easting	Latitude	Longitude	North	East
Slot #1 13-12	297651.8946	2152266.1125	N40 8 57.0480	W104 57 19.1160	0.00N	0.00E

Installation

Name	Easting	Northing	Coord System Name	North Alignment
SEC.12-T2N-R68W	2152266.1125	297651.8946	CO-N on NORTH AMERICAN DATUM 1927 datum	True

Field

Name	Easting	Northing	Coord System Name	North Alignment
Weld County	2162679.5372	300202.4514	CO-N on NORTH AMERICAN DATUM 1927 datum	True

Created By

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Comments

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All data is in Feet unless otherwise stated
Coordinates are from Slot MD's are from Rig and TVD's are from Rig (Datum #2 0.00ft above Mean Sea Level)
Vertical Section is from 0.00N 0.00E on azimuth 318.78 degrees
Bottom hole distance is 1157.85 Feet on azimuth 318.78 degrees from Wellhead
Calculation method uses Minimum Curvature method
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Wellpath Report

MD[ft]	Inc[deg]	Azi[deg]	TVD[ft]	North[ft]	East[ft]	Dogleg [deg/100ft]	Vertical Section[ft]
0.00	0.00	0.00	0.00	0.00N	0.00E	0.00	0.00
706.00	0.20	337.80	706.00	1.14N	0.47W	0.03	1.16
928.00	0.70	332.60	927.99	2.70N	1.24W	0.23	2.85
1148.00	0.70	318.50	1147.97	4.90N	2.75W	0.08	5.50
1436.00	1.00	290.40	1435.94	7.10N	6.27W	0.18	9.47
1531.00	2.30	288.30	1530.90	7.98N	8.85W	1.37	11.84
1624.00	4.00	305.20	1623.76	10.44N	13.28W	2.06	16.60
1720.00	5.90	312.50	1719.40	15.70N	19.65W	2.08	24.76
1816.00	7.60	312.90	1814.73	23.36N	27.94W	1.77	35.98
1912.00	9.30	315.70	1909.68	33.23N	38.01W	1.82	50.04
2008.00	11.00	310.10	2004.18	44.69N	50.43W	2.05	66.84
2103.00	12.70	315.10	2097.16	57.92N	64.74W	2.09	86.23
2199.00	13.20	312.90	2190.71	72.86N	80.22W	0.73	107.66
2294.00	14.20	317.50	2283.01	88.83N	96.03W	1.56	130.10
2389.00	16.30	317.80	2374.66	107.30N	112.86W	2.21	155.08
2484.00	18.50	318.20	2465.31	128.42N	131.87W	2.32	183.49
2581.00	19.20	317.10	2557.11	151.57N	152.98W	0.81	214.82
2676.00	18.80	318.20	2646.93	174.43N	173.82W	0.57	245.74
2773.00	18.90	319.20	2738.73	197.97N	194.50W	0.35	277.08
2867.00	18.50	317.50	2827.77	220.49N	214.53W	0.72	307.21
2961.00	18.90	316.80	2916.81	242.59N	235.02W	0.49	337.34
3057.00	18.00	315.70	3007.87	264.54N	256.03W	1.01	367.69
3153.00	18.50	315.70	3099.04	286.05N	277.02W	0.52	397.71
3251.00	18.90	315.70	3191.87	308.54N	298.97W	0.41	429.09
3346.00	18.40	315.70	3281.88	330.28N	320.19W	0.53	459.42
3442.00	18.40	314.60	3372.97	351.76N	341.56W	0.36	489.66
3537.00	18.10	317.50	3463.20	373.17N	362.20W	1.01	519.37
3633.00	18.20	318.50	3554.42	395.40N	382.21W	0.34	549.27
3728.00	18.50	317.10	3644.59	417.55N	402.30W	0.56	579.17
3823.00	18.10	321.00	3734.79	440.06N	421.85W	1.36	608.98
3919.00	18.50	318.20	3825.93	463.00N	441.38W	1.01	639.12
4014.00	19.70	319.50	3915.70	486.42N	461.83W	1.34	670.20
4109.00	20.20	318.50	4005.00	510.88N	483.10W	0.64	702.61
4204.00	19.40	319.20	4094.38	535.10N	504.27W	0.88	734.79
4298.00	19.50	318.50	4183.02	558.67N	524.87W	0.27	766.09
4394.00	19.60	316.80	4273.49	582.41N	546.51W	0.60	798.21
4490.00	20.40	316.40	4363.70	606.26N	569.07W	0.85	831.02
4585.00	19.30	317.50	4453.05	629.83N	591.10W	1.22	863.26
4680.00	17.60	315.40	4543.17	651.63N	611.79W	1.92	893.29
4775.00	16.20	319.20	4634.06	671.89N	630.54W	1.88	920.88
4871.00	15.10	323.40	4726.51	692.07N	646.74W	1.64	946.74
4967.00	15.60	323.10	4819.08	712.43N	661.95W	0.53	972.07
5060.00	15.90	322.40	4908.59	732.52N	677.23W	0.38	997.26
5156.00	14.40	316.80	5001.26	751.65N	693.43W	2.18	1022.31
5252.00	13.00	316.70	5094.52	768.21N	709.00W	1.46	1045.04
5347.00	10.60	316.40	5187.51	782.31N	722.36W	2.53	1064.45
5443.00	9.80	319.90	5281.99	794.96N	733.71W	1.05	1081.44
5539.00	7.10	316.40	5376.94	805.51N	743.07W	2.86	1095.54
5634.00	5.30	310.00	5471.38	812.58N	750.48W	2.03	1105.74
5729.00	3.30	305.80	5566.11	817.00N	756.06W	2.13	1112.74
5825.00	1.80	311.20	5662.01	819.61N	759.43W	1.58	1116.93
5920.00	1.00	312.50	5756.98	821.15N	761.17W	0.84	1119.23

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INTEQ

Wellpath Report

MD[ft]	Inc[deg]	Azi[deg]	TVD[ft]	North[ft]	East[ft]	Dogleg [deg/100ft]	Vertical Section[ft]
6015.00	1.10	317.10	5851.97	822.38N	762.40W	0.14	1120.97
6204.00	1.00	329.10	6040.94	825.12N	764.48W	0.13	1124.40
6553.00	1.10	340.10	6389.88	830.89N	767.18W	0.06	1130.52
6870.00	1.30	348.10	6706.81	837.27N	768.96W	0.08	1136.49
7187.00	1.40	355.70	7023.72	844.65N	769.99W	0.06	1142.72
7505.00	1.70	26.40	7341.61	852.75N	768.19W	0.27	1147.62
7824.00	1.70	20.00	7660.47	861.43N	764.47W	0.06	1151.70
8130.00	1.50	358.90	7966.35	869.70N	762.99W	0.20	1156.95
8175.00	1.50	358.90	8011.34	870.88N	763.01W	0.00	1157.85

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Comments

MD[ft]	TVD[ft]	North[ft]	East[ft]	Comment
8175.00	8011.34	870.88N	763.01W	PROJECTION TO TD

Survey Tool Program

Reference	Survey Name	MD[ft]	TVD[ft]	Survey Tool	Error Model
383478	Log #1	8175.00	8011.34	Navi Trak	Standard

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