

127M
SEC-20 T28N, R6W,
SAN JUAN, San Juan County, New
Mexico

SURVEY LISTING Page 1
Wellbore: 28-6 Unit# 127M OH (AWB)
Wellpath: 28-6 Unit# 127M OH (AWP#1)
Date Printed: 3-Aug-2005

INTEQ

30-039-27815

Wellbore

Name	Created	Last Revised
28-6 Unit# 127M OH (AWB)	2-Aug-2005	3-Aug-2005

Well

Name	Government ID	Last Revised
28-6 Unit # 127M		3-Aug-2005

Slot

Name	Grid Northing	Grid Easting	Latitude	Longitude	North	East
SJ 28-6 Unit 127M	2053801.8915	2824909.0514	N36 38 37.3080	W107 29 10.5600	52366.21N	52927.59E

Installation

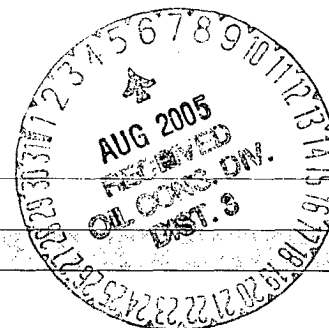
Name	Easting	Northing	Coord System Name	North Alignment
SEC-20 T28N, R6W	2772076.516	2001348.518	NM83-WF on NORTH AMERICAN DATUM 1983 datum	True

Field

Name	Easting	Northing	Coord System Name	North Alignment
SAN JUAN	2772076.516	2001348.518	NM83-WF on NORTH AMERICAN DATUM 1983 datum	True

Created By**Comments**

Surface: 1515/S 1585/E
 BHL: MVT_{top} 1764/S 1088/E
 MV_{Base} 1497/S 537/E
 OK Top 2203/S 189/E
 OK Base 2223/S 130/E



All data is in Feet unless otherwise stated
 Coordinates are from Slot MD's are from Rig and TVD's are from Rig (Actual Datum 6513.0ft above Mean Sea Level)
 Vertical Section is from 0.00N 0.00E on azimuth 63.18 degrees
 Bottom hole distance is 1321.27 Feet on azimuth 63.18 degrees from Wellhead
 Calculation method uses Minimum Curvature method
 Prepared by Baker Hughes INTEQ

Wellpath (Grid) Report

MD[ft]	Inc[deg]	Azi[deg]	TVD[ft]	North[ft]	East[ft]	Dogleg [deg/100ft]	Vertical Section[ft]	Easting	Northing
5319.00	14.50	58.30	5195.22	445.73N	875.10E	1.09	981.91	2825782.47	2054250.75
5413.00	14.70	61.20	5286.19	457.66N	895.56E	0.81	1005.53	2825802.89	2054262.75
5458.00	14.21	60.16	5329.76	463.16N	905.36E	1.23	1016.74	2825812.66	2054268.29
5490.00	15.60	61.90	5360.69	467.14N	912.56E	4.57	1024.96	2825819.85	2054272.25
5521.00	15.70	74.50	5390.55	470.23N	920.28E	10.95	1033.26	2825827.56	2054275.41
5551.00	15.90	85.50	5419.42	471.63N	928.29E	9.99	1041.07	2825835.56	2054276.84
5583.00	15.60	86.40	5450.22	472.25N	936.96E	1.21	1049.13	2825844.22	2054277.49
5612.00	14.50	87.40	5478.22	472.66N	944.47E	3.90	1056.07	2825851.74	2054277.93
5646.00	14.30	86.10	5511.15	473.14N	952.91E	1.12	1063.87	2825860.18	2054278.43
5708.00	15.10	82.20	5571.13	474.75N	968.56E	2.05	1078.65	2825875.81	2054280.11
5771.00	15.70	91.10	5631.87	475.70N	985.21E	3.87	1094.04	2825892.46	2054281.12
5803.00	15.30	89.90	5662.71	475.63N	993.76E	1.60	1101.70	2825901.01	2054281.07
5833.00	15.10	89.60	5691.66	475.66N	1001.63E	0.72	1108.78	2825908.88	2054281.14
5864.00	14.60	88.00	5721.62	475.83N	1009.57E	2.09	1116.00	2825916.82	2054281.33
5894.00	14.80	84.00	5750.64	476.36N	1017.16E	3.45	1123.06	2825924.41	2054281.89
5926.00	14.60	81.50	5781.59	477.38N	1025.21E	2.08	1130.75	2825932.46	2054282.94
5957.00	14.30	79.70	5811.61	478.64N	1032.84E	1.74	1138.16	2825940.08	2054284.23
5988.00	14.50	77.80	5841.64	480.15N	1040.40E	1.66	1145.62	2825947.64	2054285.76
6020.00	15.20	73.40	5872.57	482.19N	1048.34E	4.15	1153.65	2825955.56	2054287.84
6051.00	15.40	69.20	5902.47	484.82N	1056.08E	3.63	1161.76	2825963.30	2054290.49
6082.00	15.60	64.20	5932.35	488.09N	1063.68E	4.36	1170.03	2825970.89	2054293.79
6114.00	15.10	62.50	5963.21	491.89N	1071.26E	2.10	1178.50	2825978.44	2054297.61
6145.00	14.60	63.30	5993.17	495.51N	1078.33E	1.74	1186.44	2825985.50	2054301.26
6176.00	14.10	64.10	6023.20	498.92N	1085.21E	1.74	1194.12	2825992.37	2054304.69
6208.00	13.10	64.80	6054.31	502.16N	1092.00E	3.17	1201.65	2825999.19	2054307.96
6239.00	12.50	65.10	6084.54	505.07N	1098.22E	1.95	1208.51	2826005.36	2054310.89
6271.00	12.50	64.00	6115.78	508.05N	1104.48E	0.74	1215.44	2826011.60	2054313.89
6302.00	13.30	61.70	6145.99	511.21N	1110.63E	3.07	1222.36	2826017.75	2054317.07
6334.00	13.10	63.30	6177.15	514.58N	1117.11E	1.30	1229.66	2826024.21	2054320.47
6365.00	12.60	66.90	6207.37	517.49N	1123.36E	3.04	1236.55	2826030.45	2054323.40
6397.00	12.30	70.70	6238.62	519.98N	1129.79E	2.73	1243.42	2826036.87	2054325.92
6426.00	12.50	71.80	6266.94	521.98N	1135.69E	1.07	1249.60	2826042.76	2054327.94
6458.00	13.50	70.50	6298.13	524.31N	1142.50E	3.26	1256.74	2826049.56	2054330.29
6490.00	13.50	70.60	6329.24	526.80N	1149.54E	0.07	1264.17	2826056.60	2054332.80
6520.00	13.70	69.90	6358.40	529.18N	1156.18E	0.86	1271.18	2826063.23	2054335.21
6551.00	13.30	67.80	6388.54	531.79N	1162.93E	2.04	1278.39	2826069.96	2054337.85
6581.00	13.00	66.80	6417.76	534.43N	1169.22E	1.25	1285.20	2826076.25	2054340.50
6613.00	12.80	67.00	6448.95	537.23N	1175.80E	0.64	1292.34	2826082.81	2054343.33
6644.00	13.10	67.30	6479.16	539.93N	1182.20E	0.99	1299.28	2826089.20	2054346.05
6675.00	13.50	66.40	6509.33	542.73N	1188.76E	1.45	1306.40	2826095.75	2054348.88
6706.00	14.20	64.90	6539.43	545.79N	1195.51E	2.54	1313.82	2826102.50	2054351.96
6769.00	16.10	65.20	6600.23	552.74N	1210.44E	3.02	1330.28	2826117.40	2054358.96
6831.00	14.50	62.50	6660.04	559.92N	1225.13E	2.82	1346.63	2826132.06	2054366.20
6894.00	14.70	60.30	6721.00	567.53N	1239.07E	0.94	1362.49	2826145.97	2054373.85
6957.00	15.80	62.50	6781.78	575.45N	1253.62E	1.97	1379.04	2826160.49	2054381.83
7019.00	16.80	64.40	6841.29	583.22N	1269.19E	1.83	1396.44	2826176.03	2054389.65
7082.00	15.70	59.00	6901.78	591.54N	1284.71E	2.97	1414.04	2826191.52	2054398.03
7145.00	16.70	55.50	6962.28	601.06N	1299.48E	2.22	1431.48	2826206.25	2054407.60
7206.00	17.10	54.30	7020.64	611.26N	1313.98E	0.87	1448.99	2826220.72	2054417.85
7269.00	17.00	55.00	7080.87	621.95N	1329.05E	0.36	1467.21	2826235.75	2054428.55
7331.00	16.10	54.20	7140.30	632.17N	1343.45E	1.50	1484.63	2826250.10	2054438.87

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Coordinates are from Slot MD's are from Rig and TVD's are from Rig (Actual Datum 6513.0ft above Mean Sea Level)

Vertical Section is from 0.00N 0.00E on azimuth 64.06 degrees

Bottom hole distance is 1618.01 Feet on azimuth 64.06 degrees from Wellhead

Calculation method uses Minimum Curvature method

Prepared by Baker Hughes INTEQ

Wellpath (Grid) Report

MD[ft]	Inc[deg]	Azi[deg]	TVD[ft]	North[ft]	East[ft]	Dogleg [deg/100ft]	Vertical Section[ft]	Easting	Northing
0.00	0.00	0.00	0.00	0.00N	0.00E	0.00	0.00	2824909.05	2053801.85
600.00	0.60	91.00	599.99	0.06S	3.14E	0.10	2.80	2824912.19	2053801.85
977.00	0.70	97.20	976.97	0.38S	7.40E	0.03	6.49	2824916.45	2053801.54
1258.00	0.90	110.20	1257.94	1.36S	11.17E	0.10	9.46	2824920.23	2053800.56
1333.00	3.40	68.20	1332.88	0.73S	13.79E	3.73	12.08	2824922.84	2053801.21
1397.00	5.60	61.70	1396.68	1.45N	18.30E	3.52	17.10	2824927.35	2053803.41
1459.00	7.70	62.40	1458.26	4.81N	24.65E	3.39	24.27	2824933.68	2053806.75
1522.00	9.70	65.80	1520.53	8.94N	33.23E	3.28	33.80	2824942.25	2053810.95
1583.00	10.20	61.60	1580.62	13.62N	42.67E	1.44	44.33	2824951.67	2053815.66
1646.00	10.30	60.40	1642.61	19.05N	52.47E	0.37	55.52	2824961.45	2053821.13
1709.00	10.10	61.40	1704.62	24.48N	62.22E	0.42	66.66	2824971.16	2053826.59
1835.00	9.70	59.90	1828.74	35.09N	81.11E	0.38	88.28	2824990.02	2053837.27
1863.00	9.50	60.20	1856.35	37.42N	85.15E	0.74	92.94	2824994.06	2053839.62
1927.00	11.20	60.80	1919.30	43.08N	95.16E	2.66	104.42	2825004.05	2053845.31
1990.00	12.10	60.90	1981.00	49.28N	106.27E	1.43	117.12	2825015.14	2053851.55
2084.00	14.80	63.90	2072.42	59.35N	125.67E	2.97	138.97	2825034.45	2053861.69
2177.00	15.90	61.70	2162.10	70.62N	147.55E	1.34	163.57	2825056.33	2053873.04
2300.00	14.70	61.10	2280.74	86.15N	176.05E	0.98	196.00	2825084.71	2053888.67
2424.00	15.50	63.80	2400.46	101.07N	204.69E	0.86	228.28	2825113.36	2053903.65
2517.00	15.60	64.10	2490.05	112.02N	227.09E	0.14	253.21	2825135.72	2053914.72
2612.00	15.60	64.50	2581.55	123.10N	250.11E	0.11	278.75	2825158.65	2053925.88
2708.00	14.80	63.60	2674.20	134.10N	272.74E	0.87	303.92	2825181.29	2053936.97
2803.00	14.20	62.70	2766.17	144.84N	293.96E	0.67	327.71	2825202.47	2053947.79
2896.00	15.30	64.50	2856.10	155.36N	315.18E	1.28	351.38	2825223.64	2053958.38
2988.00	15.50	63.80	2944.80	166.01N	337.16E	0.30	375.81	2825245.59	2053969.11
3083.00	13.60	62.80	3036.75	176.72N	358.49E	2.02	399.67	2825266.87	2053979.90
3177.00	13.40	62.00	3128.15	186.89N	377.93E	0.29	421.61	2825286.26	2053990.13
3269.00	14.80	58.40	3217.38	198.05N	397.36E	1.79	443.96	2825305.66	2054001.36
3363.00	16.70	58.40	3307.85	211.42N	419.09E	2.02	469.35	2825327.34	2054014.81
3456.00	15.00	56.80	3397.31	225.01N	440.54E	1.89	494.58	2825348.74	2054028.48
3549.00	14.50	64.50	3487.25	236.62N	461.12E	2.17	518.17	2825369.28	2054040.16
3642.00	14.50	63.60	3577.29	246.81N	482.06E	0.24	541.45	2825390.18	2054050.42
3706.00	15.30	65.00	3639.14	253.94N	496.89E	1.37	557.91	2825404.98	2054057.60
3861.00	15.10	62.40	3788.72	271.93N	533.31E	0.46	598.54	2825441.34	2054075.73
3923.00	14.80	63.80	3848.62	279.17N	547.58E	0.76	614.53	2825455.57	2054083.02
3985.00	16.30	65.20	3908.35	286.32N	562.58E	2.49	631.15	2825470.55	2054090.22
4047.00	16.20	65.20	3967.87	293.59N	578.33E	0.16	648.49	2825486.27	2054097.55
4169.00	15.30	57.70	4085.30	309.33N	607.39E	1.82	681.51	2825515.27	2054113.40
4231.00	14.80	64.40	4145.18	317.13N	621.45E	2.92	697.56	2825529.30	2054121.24
4323.00	14.90	64.00	4234.11	327.39N	642.67E	0.16	721.14	2825550.49	2054131.58
4416.00	17.20	61.80	4323.48	339.13N	665.54E	2.56	746.84	2825573.31	2054143.40
4509.00	16.70	62.80	4412.44	351.74N	689.54E	0.62	773.93	2825597.27	2054156.09
4571.00	16.00	63.00	4471.93	359.69N	705.08E	1.13	791.38	2825612.78	2054164.10
4633.00	15.00	63.40	4531.67	367.16N	719.87E	1.62	807.95	2825627.54	2054171.62
4664.00	14.60	62.80	4561.64	370.74N	726.93E	1.38	815.87	2825634.56	2054175.23
4757.00	14.90	63.30	4651.58	381.47N	748.04E	0.35	839.54	2825655.65	2054186.04
4849.00	14.20	64.20	4740.63	391.70N	768.76E	0.80	862.65	2825676.34	2054196.34
4941.00	15.20	64.90	4829.62	401.73N	789.85E	1.10	886.00	2825697.38	2054206.44
5035.00	15.20	63.60	4920.33	412.43N	812.04E	0.36	910.64	2825719.54	2054217.23
5129.00	14.30	63.10	5011.23	423.16N	833.43E	0.97	934.57	2825740.85	2054228.03
5225.00	14.50	62.40	5104.21	434.10N	854.66E	0.28	958.44	2825762.07	2054239.04

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Bottom hole distance is 1618.01 Feet on azimuth 64.06 degrees from Wellhead

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MD[ft]	Inc[deg]	Azi[deg]	TVD[ft]	North[ft]	East[ft]	Dogleg [deg/100ft]	Vertical Section[ft]	Easting	Northing
7394.00	15.40	54.10	7200.94	642.19N	1357.31E	1.11	1501.47	2826263.93	2054448.93
7457.00	15.40	54.50	7261.68	651.95N	1370.89E	0.17	1517.96	2826277.48	2054458.75
7518.00	15.70	56.00	7320.44	661.27N	1384.33E	0.82	1534.12	2826290.85	2054468.11
7581.00	15.90	55.60	7381.06	670.91N	1398.52E	0.36	1551.10	2826305.03	2054477.80
7638.00	15.60	56.40	7435.92	679.56N	1411.34E	0.65	1566.42	2826317.82	2054486.50
7701.00	15.30	59.50	7496.65	688.47N	1425.56E	1.39	1583.10	2826332.01	2054495.46
7764.00	16.40	56.10	7557.25	697.65N	1440.11E	2.28	1600.19	2826346.52	2054504.69
7827.00	16.80	55.70	7617.63	707.74N	1455.01E	0.66	1618.01	2826361.36	2054514.84

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127M
SEC-20 T28N, R6W,
SAN JUAN, San Juan County, New
Mexico

SURVEY LISTING Page 5
Wellbore: 28-6 Unit# 127M RE (AWB)
Wellpath: 28-6 Unit# 127M RE (AWP#1)
Date Printed: 3-Aug-2005

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