

SCIENTIFIC DRILLING CONTROLS

Input Survey
for

Page 1

E.O.G. RESOURCES

Well No.: NUBES "33" FED COM #1

Date: 22-MAY-2005

Job No.: 32K0505375

URED

Proposal: 196.33

Depth (Feet)	T.V.D. (Feet)	V.S. (Feet)	Inc. Deg.	Azimuth Deg.	Latitude (Feet)	Departure (Feet)	D-leg /100
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0.00	0.00	0.00	0.00	359.97	0.00	0.00	0.00
100.00	100.00	0.24	0.37	237.36	-0.17	-0.27	0.37
200.00	200.00	0.73	0.36	236.23	-0.52	-0.81	0.01
300.00	300.00	1.21	0.33	228.14	-0.89	-1.28	0.06
400.00	399.99	1.56	0.37	267.88	-1.09	-1.82	0.24
500.00	499.99	1.72	0.44	278.17	-1.05	-2.52	0.10
600.00	599.99	1.85	0.48	275.29	-0.96	-3.32	0.05
700.00	699.98	1.95	0.51	283.95	-0.81	-4.17	0.08
800.00	799.98	2.05	0.53	276.73	-0.65	-5.06	0.07
900.00	899.98	2.28	0.56	267.89	-0.61	-6.01	0.09
1000.00	999.97	2.41	0.43	289.30	-0.51	-6.88	0.22
1100.00	1099.97	2.32	0.59	294.22	-0.17	-7.67	0.17
1200.00	1199.96	2.17	0.64	294.63	0.27	-8.65	0.05
1300.00	1299.95	2.01	0.76	293.60	0.77	-9.76	0.12
1400.00	1399.95	1.88	0.66	290.38	1.24	-10.91	0.11
1500.00	1499.94	1.95	0.69	276.37	1.50	-12.05	0.17
1600.00	1599.93	2.13	0.82	279.97	1.69	-13.35	0.14
1700.00	1699.92	2.36	0.97	276.17	1.91	-14.90	0.16
1800.00	1799.90	2.57	1.04	282.54	2.20	-16.64	0.14
1900.00	1899.88	2.69	1.18	283.05	2.63	-18.55	0.12
2000.00	1999.86	2.86	1.14	279.87	3.04	-20.55	0.08
2100.00	2099.84	3.02	1.28	283.73	3.47	-22.60	0.16
2200.00	2199.82	2.91	1.18	295.65	4.18	-24.61	0.27
2300.00	2299.80	2.54	1.16	297.40	5.09	-26.44	0.04
2400.00	2399.78	2.20	1.18	294.51	5.99	-28.27	0.06
2500.00	2499.76	1.85	1.05	299.28	6.86	-30.03	0.16
2600.00	2599.74	1.62	1.00	287.83	7.58	-31.64	0.21
2700.00	2699.72	1.47	1.01	295.23	8.72	-33.27	0.13
2800.00	2799.71	1.15	1.03	298.08	9.02	-34.86	0.05
2900.00	2899.69	0.74	1.27	297.72	9.96	-36.63	0.24
3000.00	2999.66	0.20	1.59	302.10	11.12	-38.64	0.16
3100.00	3099.63	-0.37	1.42	307.01	12.51	-40.66	0.12
3200.00	3199.60	-1.58	1.43	313.50	14.11	-42.58	0.16
3300.00	3299.57	-2.77	1.39	316.87	15.86	-44.29	0.09
3400.00	3399.54	-4.00	1.53	314.13	17.67	-46.07	0.16
3500.00	3499.49	-5.57	1.95	320.11	19.91	-48.12	0.46
3600.00	3599.43	-7.82	2.15	330.02	22.84	-50.15	0.41
3700.00	3699.35	-10.51	2.25	331.98	26.20	-52.01	0.13

3900.00 3897.19 -16.22 2.37 327.70 30.41 1.000

SCIENTIFIC DRILLING CONTROLS

Inrun Survey

for

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E.O.G. RESOURCES

Well No.: NUKES "33" FFD CUM #1

Date: 22-MAY-2005

Job No.: 32K0505376

GRID

Proposal: 196.33

Depth (Feet)	T.V.D. (Feet)	V.S. (Feet)	Inc Deg.	Azimuth Deg.	Latitude (Feet)	Departure (Feet)	D-leg /100
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4000.00	3999.11	-19.19	2.34	335.32	36.90	-57.68	0.24
4100.00	4099.02	-22.27	2.36	334.49	40.61	-59.41	0.04
4200.00	4198.94	-25.31	2.31	334.71	44.29	-61.16	0.03
4300.00	4298.86	-28.40	2.36	336.68	48.01	-62.84	0.09
4400.00	4398.78	-31.59	2.28	339.82	51.76	-64.34	0.15
4500.00	4498.69	-34.84	2.34	340.53	55.55	-65.71	0.07
4600.00	4598.62	-38.09	2.23	341.68	59.33	-67.00	0.12
4605.00	4603.61	-38.25	2.19	342.18	59.51	-67.06	0.90

The Horizontal Displacement (in Feet) at
Measured Depth 4605.00 is 89.66 in a Direction of 311.59 Degrees

Pathfinder

Survey Report

Page 1
Job No: JMT-0505-0079-WTWT
Date: 5/26/2005
Time: 4:52 am
Wellpath ID: NUBES D.D.
Date Created: 5/22/2005
Last Revision: 5/26/2005

Calculated using the Minimum Curvature Method
Computed using PDS VER2.2.6
Vertical Section Plane: 196.33 deg.

Survey Reference: WELLHEAD
Vertical Section Reference: WELLHEAD
Closure Reference: WELLHEAD
TVD Reference: WELLHEAD

EOG Resources
EDDY CO., NM.
GREYWOLF #33
NUBES 33 FED. COM. #1
NUBES

Measured Depth (ft)	Incl (deg.)	Drift Dir. (deg.)	Course Length (ft)	TVD (ft)	Vertical Section (ft)	TOTAL Rectangular Offsets (ft)		DLS (dg/100ft)	Build Rate (dg/100ft)	Walk Rate (dg/100ft)
4605.00	2.19	342.18	0.00	4603.81	-38.25	69.61 N	67.08 W	0.00	0.00	0.00
4612.00	2.20	343.70	7.00	4610.60	-38.48	69.77 N	67.14 W	0.84	0.14	21.71
4644.00	0.88	307.61	32.00	4642.59	-39.09	60.51 N	67.50 W	4.91	-4.12	-111.84
4675.00	1.23	220.29	31.00	4673.59	-38.87	60.40 N	67.91 W	4.78	1.13	-282.65
4707.00	2.81	199.81	32.00	4705.57	-37.77	59.40 N	68.40 W	5.35	4.94	-84.00
4737.00	4.04	191.81	30.00	4735.51	-35.98	57.67 N	68.86 W	4.39	4.10	-26.67
4769.00	5.19	188.58	32.00	4767.41	-33.43	55.14 N	69.31 W	3.68	3.59	-10.18
4801.00	6.24	185.31	32.00	4799.25	-30.29	51.98 N	69.88 W	3.43	3.28	-10.18
4833.00	6.77	183.64	32.00	4831.04	-28.74	48.36 N	69.96 W	1.78	1.66	-5.22
4865.00	7.85	182.49	32.00	4862.79	-22.83	44.35 N	70.18 W	2.79	2.75	-3.59
4896.00	8.71	183.81	31.00	4893.48	-18.54	39.95 N	70.42 W	3.47	3.42	4.26
4928.00	9.32	180.47	32.00	4925.08	-13.68	34.94 N	70.60 W	2.51	1.91	-10.44
4960.00	10.11	181.18	32.00	4956.62	-8.47	29.54 N	70.68 W	2.60	2.47	2.22
4992.00	10.82	180.65	32.00	4988.09	-2.87	23.73 N	70.78 W	2.24	2.22	-1.66
5024.00	11.52	179.24	32.00	5019.48	3.08	17.63 N	70.77 W	2.36	2.19	-4.41
5056.00	12.88	177.75	32.00	5050.77	9.45	10.83 N	70.59 W	3.89	3.56	-4.88
5087.00	13.45	178.63	31.00	5080.97	16.11	3.83 N	70.37 W	2.63	2.55	2.84
5119.00	13.72	179.42	32.00	5112.08	23.28	3.68 S	70.24 W	1.02	0.84	2.47
5151.00	14.33	180.12	32.00	5143.12	30.72	11.44 S	70.21 W	1.98	1.91	2.19
5182.00	15.74	180.91	31.00	5173.06	38.46	19.48 S	70.29 W	4.60	4.55	2.55
5214.00	16.18	180.82	32.00	5203.83	46.94	28.28 S	70.42 W	1.38	1.38	-0.28
5278.00	15.39	182.41	64.00	5265.41	63.77	45.88 S	70.90 W	1.41	-1.23	2.48
5342.00	15.65	186.18	64.00	5327.08	80.51	62.75 S	72.19 W	1.63	0.41	5.89
5406.00	17.32	187.33	64.00	5388.45	98.42	80.78 S	74.33 W	2.66	2.81	1.80
5470.00	19.28	186.54	64.00	5449.21	118.23	100.72 S	76.76 W	3.06	3.03	-1.23
5534.00	19.17	188.29	64.00	5509.65	139.04	121.80 S	79.47 W	0.91	-0.14	2.73
5598.00	19.52	188.47	64.00	5570.03	160.04	142.57 S	82.56 W	0.55	0.55	0.28
5661.00	20.66	189.17	63.00	5629.20	181.49	163.96 S	85.88 W	1.85	1.81	1.11
5725.00	21.10	186.36	64.00	5689.00	204.04	186.66 S	88.96 W	1.71	0.69	-4.39

Pathfinder

Survey Report

Page 1
Job No: JWT-0505-0079-WTWT
Date: 5/28/2005
Time: 7:29 pm
Wellpath ID: nubes
Date Created: 5/22/2005
Last Revision: 5/28/2005

Calculated using the Minimum Curvature Method
Computed using PDS VER2.2.6
Vertical Section Plane: 196.33 deg.

Survey Reference: WELLHEAD
Vertical Section Reference: WELLHEAD
Closure Reference: WELLHEAD
TVD Reference: WELLHEAD

EOG Resources
EDDY CO., NM.
GREYWOLF #33
NUBES 33 FED. COM. #1
NUBES

Measured Depth (ft)	Incl (deg.)	Drift Dir. (deg.)	Course Length (ft)	TVD (ft)	Vertical Section (ft)	TOTAL Rectangular Offsets (ft)		DLS (dg/100ft)	Build Rate (dg/100ft)	Walk Rate (dg/100ft)
5024.00	11.52	179.24	32.00	5019.48	3.06	17.53 N	70.77W	2.35	2.19	-4.41
5066.00	12.66	177.75	32.00	5050.77	9.45	10.83 N	70.59W	3.69	3.66	-4.66
5087.00	13.45	178.63	31.00	5080.97	16.11	3.83 N	70.37W	2.63	2.55	2.84
5119.00	13.72	179.42	32.00	5112.08	23.26	3.68 S	70.24W	1.02	0.84	2.47
5151.00	14.33	180.12	32.00	5143.12	30.72	11.44 S	70.21W	1.98	1.91	2.19
5182.00	15.74	180.91	31.00	5173.06	38.46	19.48 S	70.29W	4.60	4.55	2.55
5214.00	16.16	180.82	32.00	5203.83	46.94	28.26 S	70.42W	1.38	1.38	-0.28
5278.00	15.39	182.41	64.00	5266.41	63.77	46.68 S	70.90W	1.41	-1.23	2.48
5342.00	15.65	186.18	64.00	5327.08	80.51	62.75 S	72.19W	1.63	0.41	5.89
5406.00	17.32	187.33	64.00	5388.45	98.42	80.78 S	74.33W	2.86	2.61	1.80
5470.00	19.26	186.54	64.00	5449.21	118.23	100.72 S	76.79W	3.06	3.03	-1.23
5534.00	19.17	188.29	64.00	5509.65	139.04	121.80 S	79.47W	0.91	-0.14	2.73
5598.00	19.52	188.47	64.00	5570.03	160.04	142.57 S	82.66W	0.55	0.55	0.28
5661.00	20.66	189.17	63.00	5629.20	181.49	163.96 S	85.88W	1.85	1.81	1.11
5725.00	21.10	186.36	64.00	5689.00	204.04	186.55 S	88.96W	1.71	0.69	-4.39
5789.00	20.05	185.04	64.00	5748.91	226.14	208.93 S	91.20W	1.79	-1.64	-2.06
5853.00	18.91	185.57	64.00	5809.25	247.09	230.18 S	93.17W	1.80	-1.78	0.83
5917.00	18.82	182.49	64.00	5869.81	267.30	250.82 S	94.62W	1.56	-0.14	-4.61
5981.00	18.11	181.18	64.00	5930.52	286.93	271.06 S	95.28W	1.28	-1.11	-2.06
6045.00	17.41	174.67	64.00	5991.47	305.43	290.58 S	94.69W	3.29	-1.09	-10.17
6109.00	17.15	175.90	64.00	6052.59	323.17	309.50 S	93.03W	0.70	-0.41	1.92
6173.00	17.67	178.63	64.00	6113.86	341.27	328.62 S	92.12W	1.51	0.81	4.27
6237.00	17.59	180.74	64.00	6174.65	359.84	348.01 S	92.01W	1.01	-0.12	3.30
6301.00	16.71	177.40	64.00	6235.80	377.86	366.87 S	91.72W	2.06	-1.38	-5.22
6365.00	16.53	177.92	64.00	6297.13	395.20	385.18 S	90.97W	0.36	-0.28	0.81
6428.00	15.92	178.45	63.00	6357.62	411.92	402.75 S	90.41W	1.00	-0.97	0.84
6492.00	15.21	180.03	64.00	6419.27	428.34	419.92 S	90.18W	1.29	-1.11	2.47
6556.00	15.92	181.70	64.00	6480.93	444.89	437.09 S	90.44W	1.31	1.11	2.61
6620.00	15.65	178.19	64.00	6542.51	461.58	454.49 S	90.43W	1.55	-0.42	-5.48
6683.00	14.33	179.95	63.00	6603.37	477.14	470.78 S	90.16W	2.22	-2.10	2.79
6747.00	14.77	180.91	64.00	6665.32	492.60	486.86 S	90.28W	0.78	0.69	1.50
6811.00	13.45	181.00	64.00	6727.38	507.85	502.46 S	90.54W	2.06	-2.06	0.14
6875.00	13.45	183.37	64.00	6789.63	522.08	517.33 S	91.11W	0.86	0.00	3.70

Pathfinder

Survey Report

Page 1
Job No: JWT-0505-0079-WTWT
Date: 5/31/2005
Time: 4:28 am
Wellpath ID: nubes
Date Created: 5/22/2005
Last Revision: 5/31/2005

Calculated using the Minimum Curvature Method
Computed using PDS VER2.2.6
Vertical Section Plane: 196.33 deg.

Survey Reference: WELLHEAD
Vertical Section Reference: WELLHEAD
Closure Reference: WELLHEAD
TVD Reference: WELLHEAD

EOG Resources
EDDY CO., NM.
GREYWOLF #33
NUBES 33 FED. COM. #1
NUBES

Measured Depth (ft)	Incl (deg.)	Drift Dir. (deg.)	Course Length (ft)	TVD (ft)	Vertical Section (ft)	TOTAL Rectangular Offsets (ft)		DLS (dg/100ft)	Build Rate (dg/100ft)	Walk Rate (dg/100ft)
6045.00	17.41	174.67	64.00	6091.47	305.43	290.56 S	94.58W	3.29	-1.09	-10.17
6109.00	17.15	175.90	64.00	6052.59	323.17	309.50 S	93.03W	0.70	-0.41	1.92
6173.00	17.67	176.83	64.00	6113.85	341.27	328.62 S	92.12W	1.51	0.81	4.27
6237.00	17.69	180.74	64.00	6174.86	359.84	348.01 S	92.01W	1.01	-0.12	3.30
6301.00	16.71	177.40	64.00	6235.80	377.86	366.87 S	91.72W	2.06	-1.38	-6.22
6365.00	16.53	177.92	64.00	6297.13	395.20	385.16 S	90.97W	0.36	-0.28	0.81
6428.00	15.92	178.45	63.00	6367.62	411.92	402.76 S	90.41W	1.00	-0.97	0.84
6492.00	15.21	180.03	64.00	6419.27	428.34	419.92 S	90.18W	1.29	-1.11	2.47
6556.00	15.92	181.70	64.00	6480.83	444.89	437.09 S	90.44W	1.31	1.11	2.61
6620.00	15.65	178.19	64.00	6542.51	461.58	454.49 S	90.43W	1.55	-0.42	-5.48
6683.00	14.33	179.95	63.00	6603.37	477.14	470.78 S	90.16W	2.22	-2.10	2.79
6747.00	14.77	180.91	64.00	6665.32	492.60	486.86 S	90.28W	0.78	0.69	1.50
6811.00	13.45	181.00	64.00	6727.38	507.65	502.46 S	90.54W	2.06	-2.06	0.14
6875.00	13.45	183.37	64.00	6789.63	522.08	517.33 S	91.11W	0.86	0.00	3.70
6939.00	14.16	180.91	64.00	6851.78	536.68	532.59 S	91.67W	1.44	1.11	-3.84
7003.00	14.51	178.89	64.00	6913.79	552.07	548.43 S	91.84W	0.95	0.55	-3.18
7065.00	15.30	178.19	62.00	6973.70	567.26	564.37 S	91.23W	1.31	1.27	-1.13
7129.00	16.09	177.22	64.00	7035.32	583.66	581.87 S	90.53W	1.30	1.23	-1.52
7194.00	16.27	177.57	65.00	7097.74	600.79	599.77 S	89.71W	0.31	0.25	0.54
7257.00	16.71	178.71	63.00	7158.15	617.78	617.64 S	89.13W	0.87	0.70	1.81
7321.00	15.74	178.98	64.00	7219.60	634.84	635.52 S	88.77W	1.52	-1.52	0.42
7385.00	16.09	179.07	64.00	7281.15	651.59	653.06 S	88.47W	0.55	0.55	0.14
7449.00	16.00	178.71	64.00	7342.65	668.47	670.75 S	88.13W	0.21	-0.14	-0.58
7512.00	15.92	179.51	63.00	7403.23	685.02	688.07 S	87.86W	0.37	-0.13	1.27
7574.00	14.86	178.19	62.00	7463.00	700.71	704.62 S	87.54W	1.80	-1.71	-2.13
7638.00	13.10	178.08	64.00	7525.10	715.32	719.96 S	86.78W	2.86	-2.75	-3.30
7702.00	11.70	179.49	64.00	7587.61	728.33	733.69 S	86.23W	2.47	-2.19	6.33
7766.00	9.85	177.64	64.00	7650.48	739.73	745.66 S	85.94W	2.94	-2.89	-2.89
7830.00	8.71	181.42	64.00	7713.64	749.60	755.96 S	85.84W	2.02	-1.78	5.91

Pathfinder

Survey Report

Page 1
Job No: JWT-0505-0079-WTWT
Date: 6/6/2005
Time: 4:44 am
Wellpath ID: nubes
Date Created: 6/22/2005
Last Revision: 6/6/2005

Calculated using the Minimum Curvature Method
Computed using PDS VER2.2.6
Vertical Section Plane: 196.33 deg.

Survey Reference: WELLHEAD
Vertical Section Reference: WELLHEAD
Closure Reference: WELLHEAD
TVD Reference: WELLHEAD

EOG Resources
EDDY CO., NM.
GREYWOLF #33
NUBES 33 FED. COM. #1
NUBES

Measured Depth (ft)	Incl (deg.)	Drift Dir. (deg.)	Course Length (ft)	TVD (ft)	Vertical Section (ft)	TOTAL Rectangular Offsets (ft)		DLS (dg/100ft)	Build Rate (dg/100ft)	Walk Rate (dg/100ft)
7003.00	14.51	178.89	64.00	6913.79	552.07	548.43 S	91.84W	0.95	0.55	-3.18
7085.00	15.30	178.19	62.00	6973.70	567.28	584.37 S	91.23W	1.31	1.27	-1.13
7129.00	16.09	177.22	64.00	7036.32	583.66	581.67 S	90.53W	1.30	1.23	-1.52
7194.00	16.27	177.57	65.00	7097.74	600.78	599.77 S	89.71W	0.31	0.28	0.54
7257.00	16.71	178.71	63.00	7158.15	617.78	617.64 S	89.13W	0.87	0.70	1.81
7321.00	15.74	178.98	64.00	7219.60	634.84	635.52 S	88.77W	1.52	-1.52	0.42
7385.00	16.09	179.07	64.00	7281.15	651.59	653.06 S	88.47W	0.55	0.55	0.14
7449.00	16.00	178.71	64.00	7342.65	668.47	670.75 S	88.13W	0.21	-0.14	-0.56
7512.00	15.92	179.51	63.00	7403.23	685.02	688.07 S	87.88W	0.37	-0.13	1.27
7574.00	14.86	178.19	62.00	7463.00	700.71	704.52 S	87.54W	1.80	-1.71	-2.13
7638.00	13.10	176.08	64.00	7525.10	715.32	719.96 S	86.78W	2.86	-2.75	-3.30
7702.00	11.70	179.49	64.00	7587.61	728.33	733.89 S	86.23W	2.47	-2.19	5.33
7766.00	9.85	177.84	64.00	7650.46	739.73	745.85 S	85.94W	2.94	-2.89	-2.89
7830.00	8.71	181.42	64.00	7713.64	749.60	755.96 S	85.84W	2.02	-1.78	5.91
7894.00	8.07	185.90	64.00	7777.10	757.81	764.17 S	85.31W	4.22	-4.12	7.00
7958.00	4.04	188.05	64.00	7840.85	763.19	769.71 S	87.24W	3.40	-3.17	14.30
8022.00	2.37	208.32	64.00	7904.75	766.74	773.08 S	88.46W	2.84	-2.61	20.73
8086.00	1.76	278.89	64.00	7968.72	768.16	774.07 S	90.09W	3.81	-0.95	110.27
8150.00	2.73	322.14	64.00	8032.87	767.40	772.72 S	91.98W	2.94	1.52	67.58
8174.00	2.99	336.81	24.00	8056.84	766.58	771.69 S	92.59W	3.23	1.08	61.12
8365.00	3.96	359.23	191.00	8247.30	766.43	760.51 S	94.81W	0.86	0.51	11.74
8557.00	4.31	352.46	192.00	8438.80	743.50	746.73 S	95.64W	0.31	0.18	-3.53
8781.00	8.33	0.37	224.00	8681.83	723.93	726.04 S	96.87W	0.98	0.90	3.53
8844.00	5.19	0.48	63.00	8724.51	717.85	719.72 S	96.82W	1.81	-1.81	0.14
8908.00	4.22	358.52	64.00	8788.29	712.82	714.47 S	96.86W	1.54	-1.52	-3.03
8972.00	3.17	354.57	64.00	8852.16	708.94	710.35 S	96.89W	1.69	-1.64	-6.17
9036.00	2.37	351.32	64.00	8916.08	708.09	707.28 S	97.28W	1.27	-1.25	-5.08
9100.00	1.32	340.15	64.00	8980.05	704.30	705.28 S	97.70W	1.73	-1.64	-17.45
9164.00	0.97	335.87	64.00	9044.03	703.29	704.09 S	98.18W	0.56	-0.55	-7.00

Pathfinder

Survey Report

Page 1
Job No: JWT-0505-0079-WTWT
Date: 6/7/2005
Time: 4:59 am
Wellpath ID: nubes
Date Created: 5/22/2005
Last Revision: 6/7/2005

Calculated using the Minimum Curvature Method
Computed using PDS VER2.2.6
Vertical Section Plane: 186.33 deg.

Survey Reference: WELLHEAD
Vertical Section Reference: WELLHEAD
Closure Reference: WELLHEAD
TVD Reference: WELLHEAD

EOG Resources
EDDY CO., NM
GREYWOLF #33
NUBES 33 FED. COM. #1
NUBES

Measured Depth (ft)	Incl (deg.)	Drift Dir. (deg.)	Course Length (ft)	TVD (ft)	Vertical Section (ft)	TOTAL Rectangular Offsets (ft)		DLS (dg/100ft)	Build Rate (dg/100ft)	Walk Rate (dg/100ft)
7830.00	8.71	181.42	64.00	7713.64	749.60	755.96 S	85.84W	2.02	-1.78	5.91
7894.00	8.07	185.90	64.00	7777.10	757.81	764.17 S	86.31W	4.22	-4.12	7.00
7958.00	4.04	195.05	64.00	7840.86	763.19	769.71 S	87.24W	3.40	-3.17	14.30
8022.00	2.37	208.32	64.00	7904.75	766.74	773.06 S	88.46W	2.84	-2.61	20.73
8086.00	1.76	278.89	64.00	7968.72	768.16	774.07 S	90.05W	3.81	-0.96	110.27
8150.00	2.73	322.14	64.00	8032.67	767.40	772.72 S	91.98W	2.94	1.52	67.58
8174.00	2.99	336.81	24.00	8056.64	766.58	771.89 S	92.58W	3.23	1.08	61.12
8365.00	3.96	359.23	191.00	8247.30	758.43	760.51 S	94.81W	0.86	0.51	11.74
8557.00	4.31	352.46	192.00	8438.80	743.60	746.73 S	95.64W	0.31	0.18	-3.53
8781.00	6.33	0.37	224.00	8661.83	723.93	726.04 S	96.67W	0.86	0.90	3.53
8844.00	5.19	0.46	63.00	8724.51	717.85	719.72 S	96.62W	1.81	-1.81	0.14
8808.00	4.22	358.62	64.00	8788.29	712.62	714.47 S	96.66W	1.54	-1.62	-3.03
8872.00	3.17	354.57	64.00	8852.16	708.94	710.35 S	96.89W	1.69	-1.64	-6.17
9036.00	2.37	351.32	64.00	8916.08	708.09	707.28 S	97.25W	1.27	-1.25	-5.08
9100.00	1.32	340.15	64.00	8980.05	704.30	705.28 S	97.70W	1.73	-1.64	-17.45
9164.00	0.97	335.67	64.00	9044.03	703.29	704.09 S	98.18W	0.56	-0.55	-7.00
9227.00	0.88	328.20	63.00	9107.03	702.57	703.20 S	98.65W	0.24	-0.14	-11.86
9291.00	0.70	317.57	64.00	9171.02	702.03	702.49 S	99.17W	0.36	-0.28	-16.61
9355.00	0.79	304.82	64.00	9235.01	701.69	701.95 S	99.80W	0.29	0.14	-19.92
9419.00	0.70	302.98	64.00	9299.01	701.44	701.48 S	100.49W	0.15	-0.14	-2.87
9483.00	0.53	290.14	64.00	9363.00	701.31	701.17 S	101.10W	0.34	-0.27	-20.08
9547.00	0.82	293.66	64.00	9427.00	701.24	700.93 S	101.69W	0.15	0.14	5.50
9611.00	0.44	285.57	64.00	9491.00	701.20	700.72 S	102.25W	0.30	-0.28	-12.64

Pathfinder Survey Report

Page 3
Date: 8/8/2005
Wellpath ID: nubes

Measured Depth (ft)	Incl (deg.)	Drift Dir. (deg.)	Course Length (ft)	TVD (ft)	Vertical Section (ft)	TOTAL Rectangular Offsets (ft)		DLS (dg/100ft)	Build Rate (dg/100ft)	Walk Rate (dg/100ft)
9419.00	0.70	302.88	64.00	9299.01	701.44	701.48 S	100.49W	0.15	-0.14	-2.87
9483.00	0.53	290.14	64.00	9363.00	701.31	701.17 S	101.10W	0.34	-0.27	-20.06
9547.00	0.62	293.66	64.00	9427.00	701.24	700.93 S	101.68W	0.15	0.14	5.50
9611.00	0.44	285.57	64.00	9491.00	701.20	700.72 S	102.25W	0.30	-0.28	-12.64
9675.00	0.53	280.70	64.00	9555.00	701.33	700.71 S	102.77W	0.35	0.14	-38.86
9739.00	0.68	249.36	64.00	9618.99	701.76	700.93 S	103.63W	0.59	0.55	-17.72
9803.00	0.97	239.69	64.00	9682.98	702.45	701.37 S	104.45W	0.28	0.14	-15.11
9867.00	1.14	234.77	64.00	9746.97	703.34	702.01 S	105.44W	0.30	0.27	-7.59
9931.00	0.97	239.52	64.00	9810.96	704.23	702.66 S	106.43W	0.30	-0.27	7.42
9995.00	0.79	248.20	64.00	9874.95	704.91	703.11 S	107.30W	0.32	-0.28	10.44
10047.00	0.87	239.61	52.00	9826.95	705.46	703.48 S	108.01W	0.40	0.35	-12.67
STRAIGHT LINE PROJECTION TO BIT @ 10,100'										
10100.00	0.87	239.61	53.00	9979.94	706.12	703.93 S	108.75W	0.00	0.00	0.00