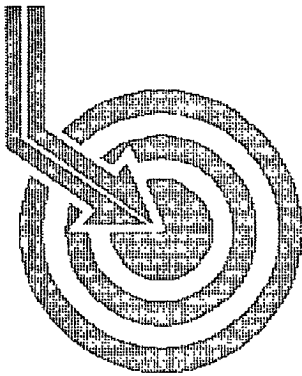




Scientific Drilling

RCVD AUG 10 '07

OIL CONS. DIV.

DIST. 3

CDX Gas

Field: Jaccarrilla

Site: Rio Arriba County, NM

Well: Jaccarrilla A #6F

Wellpath: DH - Job #32D0906725

Survey: 09/05/06-09/09/06

APL: 30-039-29644

Surface 605/N 1900/W

B/H L 717/N 1875/W

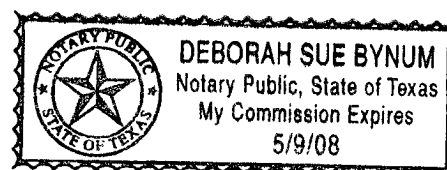
This survey is correct to the best of my knowledge
and is supported by actual field data.

.....*Barbara*..... Company Representative

Notorized this date 14th of November, 2006.

Deborah Sue Bynum

Notary Signature
County of Midland
State of Texas



DS



Scientific Drilling International Survey Report

Company: CDX Gas	Date: 11/07/2006	Time: 10:53:55	Page: 1
Field: Jaccarrilla	Co-ordinate(NE) Reference:	Site: Rio Arriba County, NM, Grid North	
Site: Rio Arriba County, NM	Vertical (TVD) Reference:	SITE 0.0	
Well: Jaccarrilla A #6F	Section (VS) Reference:	Well (0.00N,0.00E,79.30Azi)	
Wellpath: DH - Job #32D0906725	Survey Calculation Method:	Minimum Curvature Db: Sybase	

Survey: 09/05/06-09/09/06	Start Date: 09/05/2006
KSRG 0°-5575' & MWD 5730°-6696'	
Company: Scientific Drilling Internatio	Engineer: Drake
Tool: Keeper,Keeper Gyro	Tied-to: From Surface

Survey

MD ft	Incl deg	Azim deg	TVD ft	VS ft	N/S ft	E/W ft	DLS deg/100ft	ClsD ft	ClsA deg
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.00	1.05	192.64	99.99	-0.36	-0.89	-0.20	1.05	0.92	192.64
200.00	0.86	180.42	199.98	-0.87	-2.54	-0.41	0.28	2.57	189.10
300.00	0.72	200.93	299.97	-1.34	-3.88	-0.64	0.31	3.93	189.33
400.00	0.62	194.94	399.96	-1.91	-4.99	-1.00	0.12	5.08	191.35
500.00	0.56	199.86	499.96	-2.39	-5.97	-1.31	0.08	6.11	192.34
600.00	0.37	175.93	599.96	-2.68	-6.75	-1.45	0.27	6.90	192.12
700.00	0.25	170.66	699.95	-2.72	-7.29	-1.39	0.12	7.42	190.80
800.00	0.38	203.42	799.95	-2.91	-7.81	-1.49	0.22	7.95	190.79
900.00	0.43	193.97	899.95	-3.25	-8.47	-1.71	0.08	8.65	191.40
1000.00	0.65	186.01	999.95	-3.57	-9.40	-1.86	0.23	9.59	191.19
1100.00	0.68	173.75	1099.94	-3.78	-10.56	-1.85	0.15	10.72	189.96
1200.00	0.23	169.94	1199.94	-3.83	-11.34	-1.75	0.45	11.48	188.79
1300.00	0.09	128.18	1299.94	-3.78	-11.59	-1.66	0.17	11.71	188.14
1400.00	0.27	104.13	1399.93	-3.52	-11.70	-1.37	0.19	11.78	186.67
1500.00	0.32	118.68	1499.93	-3.09	-11.89	-0.89	0.09	11.92	184.30
1600.00	0.09	194.99	1599.93	-2.90	-12.10	-0.67	0.31	12.12	183.17
1700.00	0.10	216.21	1699.93	-3.00	-12.24	-0.74	0.04	12.27	183.46
1800.00	0.22	258.83	1799.93	-3.26	-12.35	-0.98	0.16	12.39	184.54
1900.00	0.51	280.61	1899.93	-3.86	-12.31	-1.61	0.32	12.41	187.44
2000.00	0.40	294.92	1999.93	-4.56	-12.08	-2.36	0.16	12.31	191.06
2100.00	0.63	275.64	2099.92	-5.37	-11.88	-3.22	0.28	12.31	195.19
2200.00	0.69	273.97	2199.92	-6.48	-11.78	-4.37	0.06	12.57	200.36
2300.00	0.61	263.61	2299.91	-7.60	-11.80	-5.50	0.14	13.02	205.00
2400.00	0.67	257.38	2399.90	-8.71	-11.99	-6.60	0.09	13.68	208.84
2500.00	0.75	252.01	2499.90	-9.95	-12.32	-7.79	0.10	14.58	212.33
2600.00	0.75	254.13	2599.89	-11.25	-12.70	-9.05	0.03	15.59	215.47
2700.00	0.82	256.88	2699.88	-12.61	-13.04	-10.37	0.08	16.66	218.51
2800.00	0.87	253.67	2799.87	-14.08	-13.41	-11.80	0.07	17.86	221.33
2900.00	0.91	247.35	2899.86	-15.62	-13.93	-13.26	0.11	19.23	223.58
3000.00	0.80	250.44	2999.84	-17.08	-14.47	-14.65	0.12	20.59	225.35
3100.00	0.51	238.22	3099.84	-18.19	-14.94	-15.69	0.32	21.66	226.39
3200.00	0.47	234.05	3199.83	-18.97	-15.42	-16.40	0.05	22.51	226.77
3300.00	2.06	44.98	3299.82	-17.86	-14.39	-15.46	2.53	21.12	227.06
3400.00	1.57	49.15	3399.77	-15.19	-12.22	-13.15	0.51	17.95	227.11
3500.00	1.07	51.86	3499.74	-13.18	-10.75	-11.38	0.50	15.65	226.65
3600.00	0.59	57.34	3599.73	-11.87	-9.89	-10.21	0.49	14.22	225.92
3700.00	0.33	79.36	3699.72	-11.11	-9.56	-9.50	0.31	13.48	224.81
3800.00	0.11	105.73	3799.72	-10.73	-9.53	-9.12	0.24	13.19	223.74
3900.00	0.19	158.64	3899.72	-10.62	-9.71	-8.97	0.15	13.22	222.72
4000.00	0.37	174.79	3999.72	-10.62	-10.19	-8.88	0.19	13.52	221.07
4100.00	0.40	208.71	4099.72	-10.87	-10.82	-9.02	0.23	14.08	219.82
4200.00	0.48	183.52	4199.72	-11.19	-11.54	-9.21	0.21	14.77	218.59
4300.00	0.56	176.25	4299.71	-11.36	-12.45	-9.20	0.10	15.48	216.48
4400.00	0.61	172.55	4399.71	-11.44	-13.46	-9.10	0.06	16.25	214.07
4500.00	0.71	171.60	4499.70	-11.50	-14.60	-8.94	0.10	17.12	211.49
4600.00	0.74	171.67	4599.69	-11.55	-15.86	-8.76	0.03	18.11	208.92
4700.00	1.28	174.05	4699.68	-11.67	-17.61	-8.55	0.54	19.57	205.91
4800.00	1.26	189.38	4799.65	-12.14	-19.80	-8.61	0.34	21.59	203.51



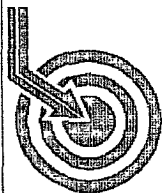
Scientific Drilling International

Survey Report

Company: CDX Gas Date: 11/07/2006 Time: 10:53:55 Page: 2
Field: Jaccarrilla Co-ordinate(NE) Reference: Site: Rio Arriba County, NM, Grid North
Site: Rio Arriba County, NM Vertical (TVD) Reference: SITE 0.0
Well: Jaccarrilla A #6F Section (VS) Reference: Well (0.00N,0.00E,79.30Azi)
Wellpath: DH - Job #32D0906725 Survey Calculation Method: Minimum Curvature Db: Sybase

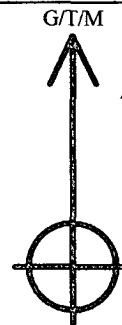
Survey

MD ft	Incl deg	Azim deg	TVD ft	VS ft	N/S ft	E/W ft	DLS deg/100ft	ClsD ft	ClsA deg
4900.00	1.35	160.25	4899.63	-12.33	-21.99	-8.40	0.66	23.54	200.89
5000.00	0.70	162.44	4999.61	-12.07	-23.69	-7.81	0.65	24.94	198.26
5100.00	0.90	171.42	5099.60	-12.03	-25.04	-7.51	0.24	26.15	196.70
5200.00	0.97	184.25	5199.59	-12.28	-26.66	-7.46	0.22	27.69	195.62
5300.00	1.09	206.36	5299.57	-13.07	-28.36	-7.94	0.41	29.45	195.64
5400.00	0.97	191.56	5399.56	-13.96	-30.04	-8.53	0.29	31.23	195.86
5500.00	1.08	198.44	5499.54	-14.74	-31.77	-9.00	0.16	33.02	195.82
5575.00	1.33	197.11	5574.52	-15.49	-33.27	-9.48	0.34	34.59	195.91
5730.00	1.35	191.67	5729.48	-17.03	-36.78	-10.38	0.08	38.21	195.76
5790.00	1.75	190.35	5789.46	-17.63	-38.37	-10.69	0.67	39.83	195.56
5854.00	2.04	187.98	5853.43	-18.34	-40.46	-11.02	0.47	41.93	195.24
5949.00	5.29	176.39	5948.22	-19.42	-46.51	-10.98	3.49	47.78	193.28
6044.00	6.08	177.26	6042.75	-20.66	-55.90	-10.46	0.84	56.87	190.60
6138.00	7.50	185.85	6136.09	-23.10	-66.98	-10.85	1.85	67.85	189.20
6175.00	6.91	190.69	6172.80	-24.60	-71.57	-11.51	2.29	72.49	189.14
6285.00	5.97	195.74	6282.11	-29.56	-83.58	-14.29	1.00	84.79	189.70
6425.00	4.69	199.14	6421.50	-35.65	-95.99	-18.14	0.94	97.69	190.70
6550.00	3.67	201.64	6546.16	-40.33	-104.54	-21.29	0.83	106.68	191.51
6688.00	3.06	206.32	6683.93	-44.91	-111.94	-24.55	0.48	114.61	192.37
6696.00	3.00	207.00	6691.91	-45.17	-112.32	-24.74	0.87	115.02	192.42



**Scientific
Drilling**

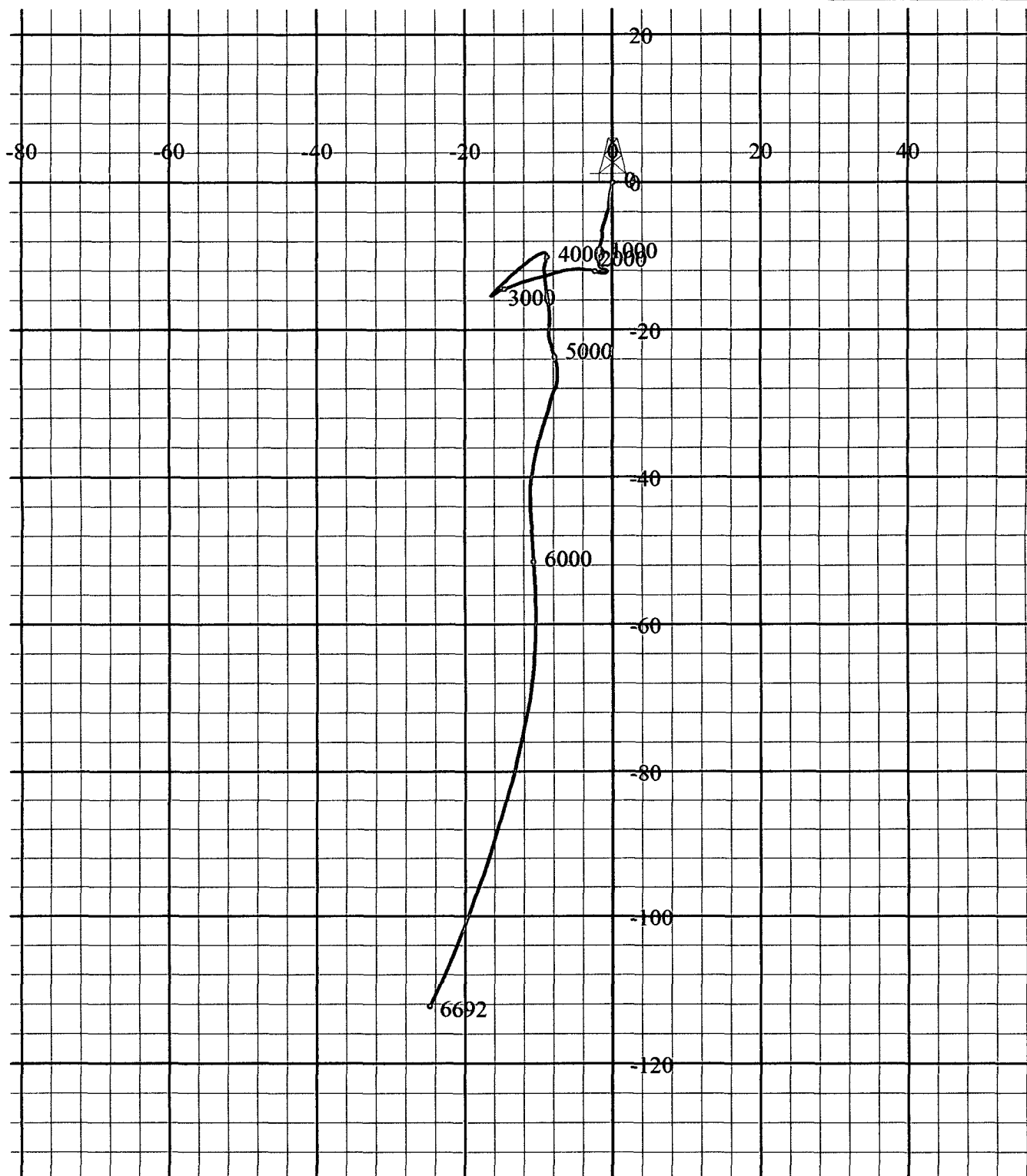
Field: Jaccarrilla
Site: Rio Arriba County, NM
Well: Jaccarrilla A #6F
Wellpath: DH - Job #32D0906725
Survey: 09/05/06-09/09/06



Azimuths to Grid North
True North: 0.00°
Magnetic North: 0.00°

Magnetic Field
Strength: 0nT
Dip Angle: 0.00°
Date: 11/07/2006
Model: igrf2000

West(-)/East(+) [20ft/in]



South(-)/North(+) [20ft/in]