

Scientific Drilling

30-045-33545

BHL 1363 FSL 1725 FEL

CHEVRON

Field: Kline

Site: San Juan County, NM

Well: Kline 10 #4

Wellpath: DH - Job #33D0807650

Survey: 08/01/07-08/004/07

SA
Sgd 11/13

(2nd copy requested 11/9/07)

RCVD NOV 13 '07

OIL CONS. DIV.

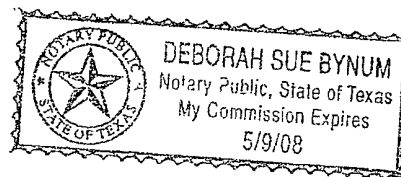
DIST. 3

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

Blharin.....Company Representative

Notorized this date 7th of September, 2007.

Deborah Sue Bynum
Notary Signature
County of Midland
State of Texas



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Scientific Drilling International Survey Report

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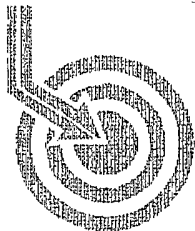
Date: 09/06/2007 Time: 22:04:28 Page: 1
Co-ordinate(NE) Reference: Site: San Juan County, NM, Grid North
Vertical (TVD) Reference: SITE 0.0
Section (VS) Reference: Well (0.00N,0.00E,90.86Azi)
Survey Calculation Method: Minimum Curvature Db: Sybase

Survey: 08/01/07-08/004/07
E-field 0'-2340' w/projection @ 2382'
Company: Scientific Drilling Internatio
Tool: E-Field;E-Field Steering

Start Date: 08/01/2007
Engineer: Lowe/Oleniczak/Heikkinen
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
423.00	0.75	77.04	422.99	2.69	0.62	2.70	0.18	2.77	77.04
453.00	1.27	93.02	452.98	3.21	0.65	3.22	1.96	3.29	78.64
498.00	2.80	87.66	497.95	4.81	0.67	4.82	3.42	4.86	82.13
543.00	4.49	85.58	542.86	7.66	0.85	7.67	3.77	7.72	83.70
588.00	6.09	87.99	587.67	11.80	1.07	11.81	3.59	11.86	84.84
633.00	7.71	89.17	632.34	17.20	1.19	17.22	3.61	17.26	86.03
678.00	9.19	90.98	676.85	23.81	1.18	23.83	3.34	23.86	87.18
723.00	10.65	93.66	721.18	31.56	0.85	31.57	3.40	31.58	88.46
768.00	12.30	95.26	765.28	40.49	0.14	40.50	3.73	40.50	89.80
813.00	13.92	94.19	809.10	50.67	-0.69	50.67	3.64	50.67	90.78
858.00	16.04	93.82	852.57	62.29	-1.50	62.27	4.72	62.29	91.38
902.00	17.40	92.27	894.71	74.93	-2.17	74.91	3.25	74.94	91.66
947.00	19.22	90.81	937.43	89.07	-2.54	89.04	4.17	89.08	91.63
992.00	20.46	90.96	979.76	104.34	-2.77	104.31	2.76	104.35	91.52
1037.00	22.54	90.04	1021.62	120.83	-2.91	120.80	4.68	120.84	91.38
1082.00	24.12	89.79	1062.94	138.65	-2.88	138.62	3.52	138.65	91.19
1127.00	25.97	88.42	1103.71	157.69	-2.58	157.67	4.31	157.69	90.94
1172.00	27.36	88.35	1143.92	177.86	-2.01	177.85	3.09	177.87	90.65
1217.00	28.31	88.59	1183.72	198.86	-1.45	198.86	2.13	198.86	90.42
1262.00	29.30	88.30	1223.15	220.52	-0.86	220.53	2.22	220.53	90.22
1307.00	30.66	89.10	1262.13	242.99	-0.35	243.01	3.15	243.01	90.08
1396.00	32.00	89.76	1338.15	289.25	0.10	289.29	1.55	289.29	89.98
1486.00	32.25	89.58	1414.37	337.10	0.38	337.14	0.30	337.14	89.94
1621.00	31.30	89.18	1529.13	408.16	1.14	408.23	0.72	408.23	89.84
1711.00	30.13	88.24	1606.51	454.10	2.17	454.18	1.41	454.19	89.73
1801.00	28.44	89.49	1685.00	498.09	3.06	498.19	2.00	498.20	89.65
1891.00	27.62	90.72	1764.45	540.38	2.99	540.49	1.11	540.49	89.68
1980.00	28.40	94.37	1843.03	582.14	1.11	582.22	2.12	582.22	89.89
2025.00	29.69	94.97	1882.37	603.94	-0.67	604.00	2.94	604.00	90.06
2115.00	31.66	94.95	1959.77	649.73	-4.64	649.74	2.19	649.75	90.41
2205.00	30.67	93.22	2036.78	696.23	-7.96	696.19	1.48	696.23	90.66
2340.00	30.24	94.21	2153.15	764.57	-12.39	764.47	0.49	764.57	90.93
2382.00	30.11	94.52	2189.46	785.64	-14.00	785.52	0.48	785.64	91.02



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