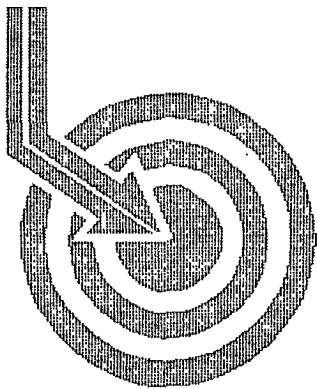




Scientific Drilling

30-045-33937

Surface 1550/N 255/W
BITL -621/N 1350/W

Burlington
CONOCOPHILLIPS

Field: Sunray

Site: San Juan County, NM

Well: Sunray B #2M

Wellpath: DH - Job #33D0507407

Survey: 05/18/07-06/05/07

HOLD OIL FOR NSL

RCVD OCT 11 '07

OIL CONS. DIV.

DIST. 3

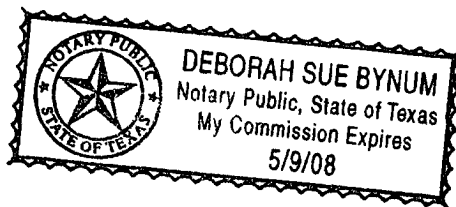
This survey is correct to the best of my knowledge
and is supported by actual field data.

[Signature].....Company Representative

Notorized this date 11th of July, 2007.

Deborah Sue Bynum

Notary Signature
County of Midland
State of Texas





Scientific Drilling International

Survey Report

Company: CONOCOPHILLIPS	Date: 06/26/2007	Time: 21:50:45	Page: 1
Field: Sunray	Co-ordinate(N/E) Reference:	Site: San Juan County, NM, Grid North	
Site: San Juan County, NM	Vertical (TVD) Reference:	SITE 0.0	
Well: Sunray B #2M	Section (VS) Reference:	Well (0.00N,0.00E,49.13Azi)	
Wellpath: DH - Job #33D0507407	Survey Calculation Method: Minimum Curvature	Db: Sybase	

Survey: 05/18/07-06/05/07	Start Date: 05/18/2007
E-field 398'-4844' w/projection @ 4890'	
Company: Scientific Drilling Internatio	Engineer: Calvert/Gillespie/Heikinen/Ol
Tool: E-field;E-field MWD	Tied-to: User Defined

Survey

MD ft	Incl deg	Azim deg	TVD ft	VS ft	N/S ft	E/W ft	DLS deg/100ft	ClsD ft	ClsA deg
388.00	1.57	108.54	387.95	2.71	-1.69	5.04	0.00	5.32	108.54
388.00	1.57	108.54	387.95	2.71	-1.69	5.04	0.00	5.32	108.54
398.00	1.67	103.50	397.95	2.86	-1.77	5.31	1.74	5.60	108.41
460.00	2.77	58.88	459.90	4.86	-1.20	7.47	3.18	7.57	99.15
521.00	5.20	52.25	520.75	9.08	1.25	10.92	4.05	10.99	83.47
582.00	7.71	49.53	581.36	15.93	5.60	16.22	4.14	17.16	70.96
644.00	9.68	49.17	642.64	25.30	11.71	23.33	3.18	26.10	63.35
705.00	10.74	47.01	702.68	36.11	18.94	31.37	1.85	36.64	58.88
765.00	11.74	45.08	761.53	47.79	27.06	39.78	1.78	48.11	55.78
828.00	13.10	46.80	823.05	61.31	36.47	49.52	2.24	61.50	53.63
891.00	14.34	46.78	884.25	76.24	46.70	60.41	1.97	76.36	52.29
955.00	15.60	46.74	946.08	92.76	58.03	72.46	1.97	92.83	51.31
1015.00	16.60	45.95	1003.72	109.38	69.52	84.49	1.71	109.41	50.55
1079.00	17.85	45.96	1064.85	128.30	82.69	98.11	1.95	128.31	49.88
1143.00	19.17	45.22	1125.54	148.58	96.91	112.62	2.09	148.58	49.29
1205.00	20.54	47.46	1183.85	169.61	111.44	127.86	2.53	169.61	48.93
1267.00	22.06	49.36	1241.62	192.13	126.38	144.71	2.69	192.13	48.87
1328.00	23.04	50.13	1297.95	215.52	141.49	162.57	1.68	215.52	48.97
1390.00	23.44	50.33	1354.92	239.98	157.14	181.37	0.66	239.98	49.09
1454.00	23.98	51.06	1413.52	265.70	173.44	201.29	0.96	265.70	49.25
1515.00	24.29	49.94	1469.19	290.63	189.30	220.53	0.91	290.64	49.36
1577.00	25.01	50.61	1525.54	316.49	205.83	240.42	1.25	316.49	49.43
1641.00	24.27	50.20	1583.71	343.16	222.83	260.98	1.19	343.17	49.51
1703.00	22.59	49.60	1640.60	367.81	238.71	279.84	2.74	367.82	49.54
1767.00	22.78	49.65	1699.65	392.49	254.70	298.64	0.30	392.50	49.54
1830.00	21.72	49.52	1757.95	416.35	270.16	316.81	1.68	416.36	49.54
1894.00	21.97	49.36	1817.36	440.16	285.65	334.90	0.40	440.17	49.54
1957.00	22.29	48.60	1875.72	463.89	301.22	352.80	0.68	463.90	49.51
2020.00	22.49	48.48	1933.97	487.89	317.11	370.79	0.33	487.90	49.46
2082.00	22.48	48.19	1991.25	511.60	332.88	388.50	0.18	511.61	49.41
2144.00	22.93	48.57	2048.45	535.53	348.77	406.39	0.76	535.53	49.36
2207.00	23.64	48.68	2106.32	560.43	365.23	425.08	1.13	560.43	49.33
2270.00	23.22	49.30	2164.12	585.48	381.67	443.98	0.77	585.48	49.32
2334.00	23.25	50.18	2222.93	610.73	397.99	463.25	0.54	610.73	49.33
2396.00	22.92	50.08	2279.97	635.03	413.57	481.91	0.54	635.04	49.36
2458.00	22.73	49.75	2337.11	659.08	429.06	500.31	0.37	659.09	49.38
2520.00	23.27	48.98	2394.18	683.31	444.83	518.69	1.00	683.31	49.38
2582.00	22.64	48.29	2451.27	707.49	460.81	536.84	1.10	707.49	49.36
2645.00	21.73	47.96	2509.61	731.27	476.69	554.55	1.46	731.27	49.32
2709.00	20.75	47.88	2569.26	754.45	492.23	571.76	1.53	754.45	49.27
2771.00	20.65	47.87	2627.26	776.36	506.93	588.02	0.16	776.36	49.24
2834.00	20.88	47.64	2686.17	798.69	521.94	604.55	0.39	798.69	49.19
2898.00	21.12	47.69	2745.92	821.62	537.39	621.50	0.38	821.62	49.15
2962.00	21.34	47.54	2805.57	844.79	553.01	638.62	0.35	844.79	49.11
3025.00	21.03	47.55	2864.31	867.54	568.38	655.42	0.49	867.54	49.07
3089.00	21.64	47.37	2923.93	890.82	584.12	672.58	0.96	890.82	49.03
3152.00	23.14	48.70	2982.18	914.81	600.16	690.42	2.51	914.81	49.00
3209.00	22.98	48.64	3034.62	937.13	614.91	707.19	0.28	937.14	48.99
3270.00	23.45	49.39	3090.68	961.18	630.68	725.34	0.91	961.18	48.99



Scientific Drilling International Survey Report

Company: CONOCOPHILLIPS
Field: Sunray
Site: San Juan County, NM
Well: Sunray B #2M
Wellpath: DH - Job #33D0507407

Date: 06/26/2007 Time: 21:50:45 Page: 2
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,49.13Azi)
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
3333.00	23.37	49.69	3148.50	986.21	646.92	744.39	0.23	986.21	49.01
3397.00	22.23	50.98	3207.50	1011.00	662.75	763.47	1.94	1011.00	49.04
3460.00	22.83	50.43	3265.69	1035.13	678.04	782.15	1.01	1035.13	49.08
3523.00	23.03	50.91	3323.71	1059.67	693.60	801.14	0.43	1059.67	49.12
3586.00	22.61	52.08	3381.78	1084.08	708.81	820.26	0.98	1084.08	49.17
3649.00	22.30	52.07	3440.00	1108.11	723.60	839.24	0.49	1108.11	49.23
3712.00	21.97	51.82	3498.36	1131.82	738.23	857.93	0.54	1131.83	49.29
3774.00	21.11	51.98	3556.03	1154.56	752.28	875.84	1.39	1154.57	49.34
3838.00	19.73	49.71	3616.01	1176.87	766.36	893.16	2.49	1176.88	49.37
3901.00	18.78	48.26	3675.48	1197.65	779.99	908.84	1.69	1197.66	49.36
3963.00	19.26	47.74	3734.10	1217.85	793.51	923.86	0.82	1217.86	49.34
4024.00	20.75	49.46	3791.42	1238.71	807.30	939.52	2.63	1238.72	49.33
4087.00	20.43	49.59	3850.39	1260.87	821.68	956.37	0.51	1260.88	49.33
4150.00	19.95	50.54	3909.52	1282.61	835.64	973.04	0.92	1282.62	49.34
4212.00	18.78	51.96	3968.01	1303.15	848.52	989.07	2.03	1303.16	49.37
4276.00	17.34	50.75	4028.86	1322.97	860.90	1004.57	2.32	1322.99	49.40
4339.00	16.04	46.49	4089.20	1341.05	872.83	1018.15	2.83	1341.07	49.39
4401.00	14.07	46.09	4149.07	1357.14	883.96	1029.79	3.18	1357.15	49.36
4464.00	12.32	46.22	4210.41	1371.50	893.92	1040.16	2.78	1371.51	49.32
4527.00	10.67	45.22	4272.14	1384.03	902.68	1049.16	2.64	1384.04	49.29
4590.00	8.60	44.28	4334.25	1394.54	910.16	1056.59	3.30	1394.55	49.26
4653.00	6.46	46.04	4396.70	1402.78	915.99	1062.43	3.42	1402.78	49.23
4715.00	5.68	43.73	4458.35	1409.32	920.63	1067.06	1.32	1409.32	49.21
4777.00	4.19	43.11	4520.12	1414.62	924.50	1070.73	2.40	1414.62	49.19
4838.00	2.80	49.37	4581.01	1418.33	927.10	1073.38	2.36	1418.33	49.18
4844.00	2.69	47.83	4587.00	1418.62	927.29	1073.60	2.21	1418.62	49.18
4890.00	1.85	36.02	4632.97	1420.42	928.61	1074.83	2.08	1420.42	49.17



Scientific
Drilling

Field: Sunray
Site: San Juan County, NM
Well: Sunray B #2M
Wellpath: DH - Job #33D0507407
Survey: 05/18/07-06/05/07

