

FLORIDA EXPLORATION COMPANY
INEXCO FEDERAL WELL NO. 1
EDDY COUNTY, NEW MEXICO E01-3
OCTOBER 14, 1981

EASTMAN WHIPSTOCK, INC
MAGNETIC MULTI SHOT SURVEY WT1081-50051
SURVEYOR: TROY ONEY (12487-7306)

RECORD OF SURVEY

RADIUS OF CURVATURE METHOD

MEASURED DEPTH FEET	DRIFT ANGLE D M	DRIFT DIRECTION D	COURSE LENGTH FEET	TRUE VERTICAL DEPTH FEET	RECTANGULAR COORDINATES FEET	DOUBLES SEVERITY DG/100FT
1248.	0 0	0	0.	1248.00	0.00	0.00
1359.	0 30	S 9 W	111.	1359.00	0.48 S	0.45
1449.	0 30	N 88 W	90.	1449.00	0.94 S	0.74
1542.	0 30	N 76 W	93.	1541.99	0.82 S	0.11
1635.	0 30	N 74 W	93.	1634.99	0.61 S	0.02
1727.	0 15	N 2 W	92.	1726.99	0.17 S	0.53
1820.	0 30	N 17 W	93.	1819.98	0.43 N	0.29
1914.	0 15	N 12 W	94.	1913.98	1.03 N	0.27
2006.	0 15	N 0 W	95.	2005.98	1.43 N	0.06
2095.	0 0	0	97.	2094.98	1.62 N	0.23
2188.	0 0	0	98.	2187.98	1.62 N	0.00
2281.	0 0	0	98.	2280.98	1.62 N	0.00
2372.	0 0	0	91.	2371.98	1.62 N	0.00
2462.	0 0	0	90.	2461.98	1.62 N	0.00
2554.	0 0	0	92.	2553.98	1.62 N	0.00
2647.	0 0	0	93.	2646.98	1.62 N	0.00
2741.	0 15	S 3 W	94.	2740.98	1.42 N	0.27
2831.	0 0	0	90.	2830.98	1.22 N	0.28
2925.	0 15	N 72 W	94.	2924.98	1.28 N	0.27
3018.	1 0	N 78 W	93.	3017.97	1.55 N	0.81
3111.	1 0	N 87 W	93.	3110.96	1.76 N	0.17
3205.	1 0	S 78 W	94.	3204.95	1.63 N	0.28
3295.	1 0	S 74 W	90.	3294.93	1.25 N	0.08
3389.	1 0	S 71 W	94.	3388.92	0.76 N	0.06
3482.	0 45	S 60 W	94.	3481.91	0.17 N	0.32
3574.	0 45	S 58 W	92.	3573.90	0.45 S	0.38
3666.	1 0	S 54 W	92.	3665.89	1.38 S	0.31
3759.	1 0	S 5 W	93.	3758.87	3.45 S	0.35
3851.	1 0	S 7 W	92.	3850.86	5.05 S	0.04
3944.	1 0	S 11 W	93.	3943.85	6.65 S	0.08

FLORIDA EXPLORATION COMPANY
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EDDY COUNTY, NEW MEXICO

BT1-3

COMPUTATION
TIME DATE
00:41:49 00--00

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MEASURED DEPTH FEET	DRIFT ANGLE D M	DRIFT DIRECTION D	COURSE LENGTH FEET	TRUE VERTICAL DEPTH FEET	R E C T A N G U L A R C O O R D I N A T E S FEET	DOGLEG SEVERITY DG/100FT
4037.	1 15	S 1 E	93.	4036.83	8.46 S 14.19 W	0.37
4128.	1 15	S 5 E	91.	4127.81	10.45 S 14.09 W	0.10
4220.	1 15	S 2 E	92.	4219.78	12.45 S 13.96 W	0.07
4313.	1 0	S 21 W	93.	4312.77	14.24 S 14.26 W	0.55
4406.	1 15	S 53 W	93.	4405.75	15.63 S 15.35 W	0.72
4500.	2 0	S 31 W	94.	4499.71	17.65 S 17.12 W	1.02
4594.	1 30	S 56 W	94.	4593.67	19.71 S 19.08 W	0.96
4687.	1 45	S 89 W	93.	4686.63	20.50 S 21.56 W	1.03
4779.	2 0	S 89 W	92.	4778.53	20.55 S 24.57 W	0.27
4873.	2 0	N 62 W	94.	4872.52	19.79 S 27.73 W	1.07
4967.	2 0	N 69 W	94.	4966.46	18.43 S 30.71 W	0.26
5060.	1 30	N 76 W	93.	5059.42	17.58 S 33.42 W	0.58
5150.	2 0	N 64 W	90.	5149.38	16.64 S 36.00 W	0.69
5240.	2 15	N 61 W	90.	5239.32	15.10 S 38.96 W	0.30
5333.	2 0	N 61 W	93.	5332.25	13.43 S 41.97 W	0.27
5427.	1 45	N 58 W	94.	5426.20	11.87 S 44.62 W	0.29
5521.	2 0	N 66 W	94.	5520.15	10.42 S 47.33 W	0.38
5614.	2 15	N 64 W	93.	5613.09	8.97 S 50.46 W	0.28
5708.	2 0	N 58 W	94.	5707.02	7.28 S 53.51 W	0.36
5800.	1 45	N 55 W	92.	5798.97	5.62 S 56.01 W	0.29
5890.	2 0	N 64 W	90.	5888.93	4.12 S 58.55 W	0.43
5984.	2 0	N 65 W	94.	5982.87	2.71 S 61.51 W	0.04
6077.	2 15	N 62 W	93.	6075.80	1.17 S 64.60 W	0.29
6171.	1 45	N 63 W	94.	6169.75	0.34 N 67.50 W	0.53
6266.	1 45	N 68 W	95.	6264.70	1.54 N 70.14 W	0.16
6357.	2 0	N 69 W	91.	6355.65	2.63 N 72.91 W	0.28
6449.	2 15	N 61 W	92.	6447.59	4.07 N 76.00 W	0.42
6542.	2 30	N 59 W	93.	6540.51	6.00 N 79.34 W	0.28
6634.	2 45	N 55 W	92.	6632.41	8.30 N 82.88 W	0.34
6726.	2 45	N 55 W	92.	6724.31	10.83 N 86.49 W	0.00

MEASURED DEPTH FEET	DRIFT ANGLE D M	DRIFT DIRECTION D	COURSE LENGTH FEET	TRUE VERTICAL DEPTH FEET	R E C T A N G U L A R C O O R D I N A T E S FEET	DOGLEG SEVERITY DG/100FT
6818.	2 45	N 56 W	92.	6816.20	13.93 N 90.13 W	0.05
6909.	3 45	N 62 W	91.	6907.05	15.98 N 94.55 W	1.16
7002.	5 0	N 61 W	93.	6999.76	19.37 N 100.78 W	1.35
7095.	7 0	N 58 W	93.	7092.27	24.30 N 109.16 W	2.18
7188.	8 15	N 58 W	93.	7184.44	30.84 N 119.62 W	1.34
7277.	7 30	N 55 W	89.	7272.60	37.57 N 129.79 W	0.96
7306.	7 15	N 55 W	29.	7301.96	39.71 N 132.84 W	0.86

FINAL CLOSURE - DIRECTION: N 73 DEGS 21 MINS W
DISTANCE: 133.65 FEET