

**SURVEYS
FOR
#7 STK-1**

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OCT 13 2003

**OFFICE OF COMMUNICATION
LAURETTE D. STANT**



Job Number: State/Country:
 Company: LINDER OIL Co. Declination:
 Lease/Well: WALKER, WELL No.7 STK-1 Grid:
 Location: LAKESIDE FIELD File name: C:\WINSERVE\JOBSRU-1\LINDER-7.SVY
 Rig Name: AXIS-FREEDOM Date/Time: 18-Sep-03 / 08:49
 RKB: 34' Curve Name: NO.7 STK
 G.L. or M.S.L.:

WELL #7 STK-1

WINSERVE SURVEY CALCULATIONS
 Minimum Curvature Method
 Vertical Section Plane 9.92
 Vertical Section Referenced to Wellhead
 Rectangular Coordinates Referenced to Wellhead

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OFFICE OF CONSERVATION
LAFAYETTE DISTRICT

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	Subsea TVD FT	N-S FT	E-W FT	Vertical Section FT	CLOSURE		Dogleg Severity Deg/100
								Distance FT	Direction Deg	

TIE INTO ORIGINAL HOLE

3355.00	.53	282.42	3354.93	-3319.93	4.15	-2.05	3.73	4.63	333.71	.00
3408.00	1.67	1.09	3407.92	-3372.92	4.97	-2.27	4.51	5.47	335.43	3.11
3502.00	3.96	12.07	3501.80	-3466.80	9.52	-1.57	9.11	9.65	350.64	2.49
3597.00	4.04	11.19	3596.57	-3561.57	16.01	-.23	15.73	16.01	359.16	.11
3693.00	5.01	9.96	3692.27	-3657.27	23.46	1.15	23.30	23.48	2.80	1.02
3788.00	4.75	3.28	3786.93	-3751.93	31.47	2.09	31.36	31.54	3.80	.66
3882.00	4.84	357.31	3880.60	-3845.60	39.32	2.13	39.09	39.37	3.10	.54
3978.00	5.54	1.09	3976.20	-3941.20	47.99	2.02	47.63	48.04	2.41	.81
4072.00	6.95	3.55	4069.64	-4034.64	58.21	2.46	57.76	58.26	2.42	1.53
4166.00	8.18	3.55	4162.82	-4127.82	70.56	3.23	70.06	70.63	2.62	1.31
4260.00	11.17	358.98	4255.48	-4220.48	86.34	3.48	85.65	86.41	2.31	3.28
4356.00	12.93	358.01	4349.36	-4314.36	106.37	2.94	105.29	106.41	1.58	1.85
4451.00	15.04	357.92	4441.54	-4406.54	129.32	2.13	127.75	129.33	.94	2.22
4545.00	15.74	357.83	4532.17	-4497.17	154.25	1.20	152.15	154.25	.45	.75
4640.00	16.18	358.80	4623.51	-4588.51	180.35	.44	177.73	180.36	.14	.54
4735.00	16.27	.12	4714.72	-4679.72	206.90	.19	203.83	206.90	.05	.40
4829.00	17.06	.64	4804.77	-4769.77	233.85	.37	230.42	233.85	.09	.86
4923.00	17.32	1.44	4894.57	-4859.57	261.63	.87	257.87	261.63	.19	.37
5018.00	17.76	.47	4985.16	-4950.16	290.25	1.35	286.15	290.26	.27	.56
5113.00	17.94	1.26	5075.58	-5040.58	319.37	1.79	314.90	319.37	.32	.32

RETURN

OCT 13 2003

OFFICE OF DOCUMENTATION
LAFAYETTE, MISSISSIPPI

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	Subsea TVD FT	N-S FT	E-W FT	Vertical Section FT	CLOSURE		Dogleg Severity Deg/100
								Distance FT	Direction Deg	
5207.00	18.11	.73	5164.97	-5129.97	348.45	2.29	343.64	348.46	.38	.25
5303.00	18.11	.64	5256.22	-5221.22	378.29	2.65	373.09	378.30	.40	.03
5493.00	17.76	1.00	5436.98	-5401.98	436.79	3.48	430.88	436.80	.46	.19
5587.00	17.15	.73	5526.65	-5491.65	484.98	3.91	458.71	485.00	.48	.65
5682.00	17.32	.03	5617.39	-5582.39	493.13	4.10	486.46	493.15	.48	.28
5777.00	17.24	359.85	5708.10	-5673.10	521.35	4.07	514.26	521.36	.45	.10
5872.00	17.06	.38	5798.88	-5763.88	549.36	4.12	541.88	549.38	.43	.25
5967.00	16.18	.64	5889.91	-5854.91	576.53	4.36	568.66	576.55	.43	.93
6061.00	14.51	3.02	5980.55	-5945.55	601.39	5.13	593.28	601.41	.49	1.80
6155.00	12.75	10.75	6071.91	-6036.91	623.34	7.69	615.35	623.39	.71	2.69
6250.00	12.31	11.72	6164.65	-6129.65	643.56	11.70	635.95	643.67	1.04	.51
6345.00	11.96	10.75	6257.52	-6222.52	663.15	15.59	655.92	663.33	1.35	.43
6440.00	11.87	10.66	6350.48	-6315.48	682.42	19.24	675.53	682.69	1.61	.10
6534.00	11.70	10.14	6442.50	-6407.50	701.30	22.70	694.73	701.67	1.85	.21
6629.00	11.61	9.79	6535.54	-6500.54	720.20	26.02	713.92	720.67	2.07	.12
6723.00	11.78	11.02	6627.59	-6592.59	738.94	29.47	732.97	739.53	2.28	.32
6819.00	11.52	10.23	6721.61	-6686.61	757.99	33.04	752.35	758.71	2.50	.32
6914.00	12.05	8.47	6814.61	-6779.61	777.14	36.19	771.75	777.98	2.67	.67
7008.00	12.13	9.35	6906.52	-6871.52	796.59	39.24	791.44	797.55	2.82	.21
7102.00	13.37	11.28	6998.20	-6963.20	816.99	42.97	812.18	818.12	3.01	1.39
7197.00	13.28	11.81	7090.64	-7055.64	838.44	47.35	834.07	839.78	3.23	.16
7293.00	12.93	11.63	7184.14	-7149.14	859.76	51.77	855.82	861.31	3.45	.37
7387.00	13.01	12.77	7275.75	-7240.75	880.38	56.23	876.90	882.17	3.65	.29
7481.00	13.01	13.30	7367.33	-7332.33	900.99	61.00	898.03	903.06	3.87	.13
7576.00	12.75	12.07	7459.94	-7424.94	921.65	65.65	919.18	923.99	4.07	.40
7663.00	12.93	10.93	7544.77	-7509.77	940.60	69.51	938.51	943.16	4.23	.36
7759.00	12.66	10.93	7638.38	-7603.38	961.47	73.54	959.76	964.28	4.37	.28
7854.00	12.75	11.28	7731.06	-7696.06	981.97	77.56	980.65	985.03	4.52	.12
7949.00	12.13	9.87	7823.83	-7788.83	1002.09	81.32	1001.12	1005.38	4.64	.73
8044.00	11.17	10.05	7916.87	-7881.87	1020.98	84.64	1020.30	1024.48	4.74	1.01
8139.00	10.29	9.70	8010.21	-7975.21	1038.41	87.68	1037.99	1042.10	4.83	.93
8234.00	9.94	9.61	8103.73	-8068.73	1054.85	90.47	1054.67	1058.73	4.90	.37
8329.00	8.62	9.08	8197.48	-8162.48	1069.97	92.97	1069.99	1074.00	4.97	1.39
8423.00	6.68	6.09	8290.64	-8255.64	1082.36	94.66	1082.49	1086.49	5.00	2.11
8518.00	5.36	4.16	8385.12	-8350.12	1092.28	95.57	1092.42	1096.46	5.00	1.41
8613.00	4.22	8.82	8479.78	-8444.78	1100.16	96.42	1100.33	1104.38	5.01	1.27
8706.00	3.52	13.21	8572.57	-8537.57	1106.32	97.60	1106.60	1110.62	5.04	.82
8800.00	2.20	19.45	8666.45	-8631.45	1110.83	98.86	1111.26	1115.22	5.09	1.44
8894.00	1.23	7.85	8760.41	-8725.41	1113.53	99.60	1114.05	1117.98	5.11	1.09
8989.00	1.23	9.26	8855.39	-8820.39	1115.55	99.90	1116.08	1120.02	5.12	.03
9084.00	1.14	7.94	8950.37	-8915.37	1117.49	100.20	1118.05	1121.98	5.12	.10
9179.00	1.14	7.24	9045.35	-9010.35	1119.37	100.45	1118.94	1123.67	5.13	.01

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	Subsea TVD FT	N-S FT	E-W FT	Vertical Section FT	CLOSURE Distance FT	Direction Deg	Dogleg Severity Deg/100
9274.00	1.06	10.23	9140.33	-9105.33	1121.17	100.72	1121.76	1125.68	5.13	.10
9367.00	.87	9.52	9233.32	-9198.32	1122.79	101.01	1123.41	1127.33	5.14	.10
9460.00	.97	.73	9326.30	-9291.30	1124.36	101.15	1124.97	1128.90	5.14	.16
9554.00	.79	2.32	9420.29	-9385.29	1125.80	101.18	1126.40	1130.34	5.14	.19
9650.00	.70	7.06	9516.28	-9481.28	1127.04	101.28	1127.64	1131.58	5.14	.11
9745.00	.79	13.30	9611.28	-9576.28	1128.26	101.50	1128.87	1132.81	5.14	.13
9840.00	.70	4.60	9706.27	-9671.27	1129.47	101.70	1130.11	1134.04	5.15	.15
9933.00	.53	11.28	9799.26	-9764.26	1130.46	101.83	1131.10	1135.04	5.15	.20
10029.00	.44	355.37	9895.26	-9860.26	1131.28	101.89	1131.90	1135.84	5.15	.17
10124.00	.35	1.35	9990.26	-9955.26	1131.92	101.87	1132.54	1136.49	5.14	.10

SURVEY AT 10284'MD IS PROJECTED TO T.D.										
10284.00	.35	1.35	10150.25	-10115.25	1132.89	101.89	1133.51	1137.47	5.14	.00

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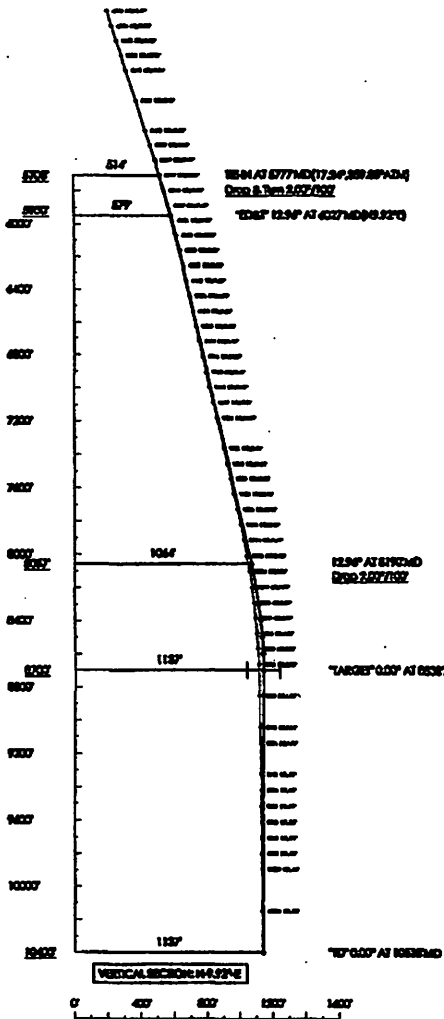
OFFICE OF CONSERVATION
LAFAYETTE DISTRICT

**LENNER OIL CO.
WALKER WELL No. 7 50K-1
LABRETTE FIELD
NO. 2000 FREEMAN**

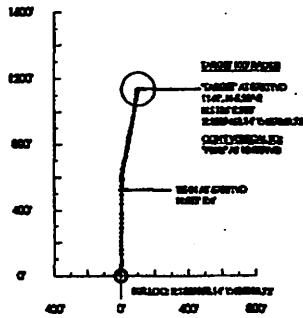


EXH: 34'

**VERTICAL SECTION
SCALE 1"=50'**



**PLAN
SCALE 1"=50'**



RECORDED

OCT 13 2003

**OFFICE OF CONSERVATION
LABRETTE DISTRICT**



**PATHFINDER ENERGY SERVICES
NEW ORLEANS, LOUISIANA
800-595-8372**

APPROVED BY COMPANY ENGINEER:	DATE:
DATE OF FIELD SURVEY/LOGGING:	DATE OF P.L.A. NO.