

RECEIVED  
DEPT OF CONSERVATION  
WELL RECORDS  
BATON ROUGE, LA  
2003 OCT 24 AM 9:34

228434  
OH;ST1

**SURVEYS  
FOR  
#7 ORIGINAL HOLE**

RECEIVED  
OCT 13 2003  
OFFICE OF CONSERVATION  
LAKEVIEW DISTRICT



Job Number: State/Country:  
 Company: LINDER OIL Co. Declination:  
 Lease/Well: WALKER, WELL No.7 Grid:  
 Location: LAKESIDE FIELD File name: C:\WINSERVE\JOBSRU~1\LINDER-7.SVY  
 Rlg Name: AXIS FREEDOM Date/Time: 12-Sep-03 / 08:47  
 RKB: 34' Curve Name: NO.7 OH  
 G.L. or M.S.L.:

WELL #7 ORIGINAL HOLE

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WINSERVE SURVEY CALCULATIONS  
 Minimum Curvature Method  
 Vertical Section Plane 110.55  
 Vertical Section Referenced to Wellhead  
 Rectangular Coordinates Referenced to Wellhead

OCT 13 2003  
 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 Distance FT	Direction Deg	Dogleg Severity Deg/100
.00	.00	.00	.00	35.00	.00	.00	.00	.00	.00	.00
<b>ASSUMED VERTICAL TO DRIVEPIPE @ 150'</b>										
150.00	.00	.00	150.00	-115.00	.00	.00	.00	.00	.00	.00
<b>SURVEYS FROM 199'MD TO 3048'MD ARE RUSTY CLARK READINGS</b>										
199.00	25	213.32	199.00	-164.00	-.09	-.06	-.02	.11	213.32	.51
262.00	25	189.32	262.00	-227.00	-.34	-.16	-.03	.37	204.73	.17
357.00	25	127.32	357.00	-322.00	-.67	-.03	.21	.67	182.16	.27
451.00	25	49.32	451.00	-416.00	-.66	.29	.51	.72	156.05	.33
546.00	25	332.32	546.00	-511.00	-.34	.35	.45	.49	133.99	.33
641.00	.50	99.32	641.00	-606.00	-.23	.67	.70	.70	108.68	.72
735.00	25	104.32	734.99	-699.99	-.34	1.27	1.31	1.32	105.10	.27
830.00	.00	.00	829.99	-794.99	-.39	1.47	1.52	1.52	104.99	.26
925.00	.00	.00	924.99	-889.99	-.39	1.47	1.52	1.52	104.99	.00
1020.00	25	176.32	1019.99	-984.99	-.60	1.48	1.60	1.60	112.03	.26
1114.00	.00	.00	1113.99	-1078.99	-.81	1.50	1.69	1.70	118.27	.27
1209.00	25	267.32	1208.99	-1173.99	-.82	1.29	1.49	1.53	122.27	.26
1304.00	25	239.32	1303.99	-1268.99	-.93	.91	1.17	1.30	135.78	.13
1398.00	25	242.32	1397.99	-1362.99	-1.13	.55	.91	1.26	154.16	.01
1493.00	25	20.32	1492.99	-1457.99	-1.03	.44	.77	1.12	157.11	.49
1588.00	.50	326.32	1587.99	-1552.99	-.49	.28	.43	.57	150.59	.43
1682.00	.50	98.32	1681.99	-1646.99	-.21	.46	.50	.50	114.83	.97

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LAFAYETTE COUNTY

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	Subsea TVD FT	Vertical Section			CLOSURE		Dogleg Severity Deg/100
					N-S FT	E-W FT	FT	Distance FT	Direction Deg	
1777.00	.75	263.32	1776.98	-1741.98	-.34	.25	.35	.42	144.06	1.30
1872.00	.50	254.32	1871.98	-1836.98	-.53	-.77	-.53	.93	235.49	.28
1966.00	.75	23.32	1965.98	-1930.98	-.07	-.92	-.83	.92	285.41	1.21
2061.00	.75	92.32	2060.97	-2025.97	.47	-.05	-.21	.47	353.77	.89
2158.00	.75	189.32	2157.96	-2122.96	-.18	.48	.51	.51	110.57	1.16
2250.00	.25	263.32	2249.96	-2214.96	-.80	.18	.45	.82	167.07	.79
2345.00	.25	26.32	2344.96	-2309.96	-.84	.07	.29	.84	173.79	.46
2440.00	.50	51.32	2439.96	-2404.96	-.19	.48	.52	.52	111.52	.31
2535.00	.50	328.32	2534.96	-2499.96	.42	.59	.41	.73	54.54	.70
2629.00	.25	53.32	2628.96	-2593.96	.89	.54	.19	1.04	31.17	.57
2724.00	.25	33.32	2723.95	-2688.95	1.19	.82	.35	1.44	34.58	.09
2819.00	.50	43.32	2818.95	-2783.95	1.66	1.22	.56	2.06	36.20	.27
2913.00	.50	294.32	2912.95	-2877.95	2.13	1.13	.31	2.41	27.84	.87
3008.00	.75	351.32	3007.95	-2972.95	2.82	.65	-.41	2.99	12.64	.67
3048.00	.75	337.32	3047.94	-3012.94	3.42	.51	-.72	3.46	8.55	.46

**SURVEYS FROM 3070'MD TO 10224'MD ARE PATHFINDER MWD READINGS**

3070.00	.53	289.80	3069.94	-3034.94	3.58	.36	-.92	3.60	5.77	2.51
3165.00	.53	281.10	3164.94	-3128.94	3.82	-.48	-1.79	3.85	352.81	.09
3260.00	.44	282.33	3259.93	-3224.93	3.98	-1.27	-2.59	4.18	342.31	.10
3355.00	.53	282.42	3354.93	-3318.93	4.15	-2.05	-3.38	4.63	333.68	.09
3513.00	.44	287.61	3512.92	-3477.92	4.49	-3.35	-4.71	5.60	323.32	.06
3608.00	.53	281.88	3607.92	-3572.92	4.70	-4.12	-5.51	6.25	318.71	.11
3703.00	.70	37.47	3702.92	-3667.92	5.25	-4.20	-5.78	6.72	321.32	1.10
3798.00	1.58	71.22	3797.90	-3762.90	6.13	-2.61	-4.59	6.66	336.95	1.13
3892.00	3.69	98.47	3891.80	-3856.80	6.10	1.61	-.63	6.31	14.79	2.55
3985.00	5.36	100.31	3984.50	-3949.50	4.88	8.85	6.57	10.10	61.10	1.80
4080.00	6.68	103.48	4078.98	-4043.98	2.80	18.58	16.42	18.79	81.43	1.43
4174.00	8.71	111.39	4172.13	-4137.13	-1.07	30.53	28.96	30.55	92.01	2.43
4269.00	10.11	109.98	4265.85	-4230.85	-6.54	45.06	44.49	45.54	98.26	1.49
4362.00	11.52	107.96	4357.20	-4322.20	-12.20	61.57	61.93	62.77	101.20	1.57
4458.00	13.28	109.63	4450.95	-4415.95	-18.86	81.08	82.54	83.24	103.09	1.87
4550.00	13.28	112.79	4540.49	-4505.49	-26.50	100.77	103.66	104.20	104.73	.79
4645.00	15.39	112.97	4632.53	-4597.53	-35.65	122.44	127.16	127.52	106.23	2.22
4739.00	17.24	113.06	4722.74	-4687.74	-45.97	146.74	153.54	153.77	107.39	1.97
4835.00	18.99	114.64	4813.98	-4778.98	-58.06	174.03	183.34	183.46	108.45	1.89
4930.00	20.14	114.02	4903.49	-4868.49	-71.16	203.02	215.08	215.13	109.32	1.23
5024.00	22.25	109.63	4991.14	-4956.14	-83.73	234.57	249.03	249.06	109.64	2.81
5119.00	24.80	108.84	5078.23	-5043.23	-96.20	270.37	286.94	286.98	109.59	2.70
5215.00	26.20	109.37	5164.88	-5129.88	-109.74	309.42	328.25	328.30	109.53	1.48
5310.00	29.37	111.56	5248.92	-5213.92	-125.26	350.88	372.52	372.57	109.65	3.51
5406.00	32.10	112.27	5331.43	-5288.43	-143.58	398.39	421.57	421.59	109.91	2.87

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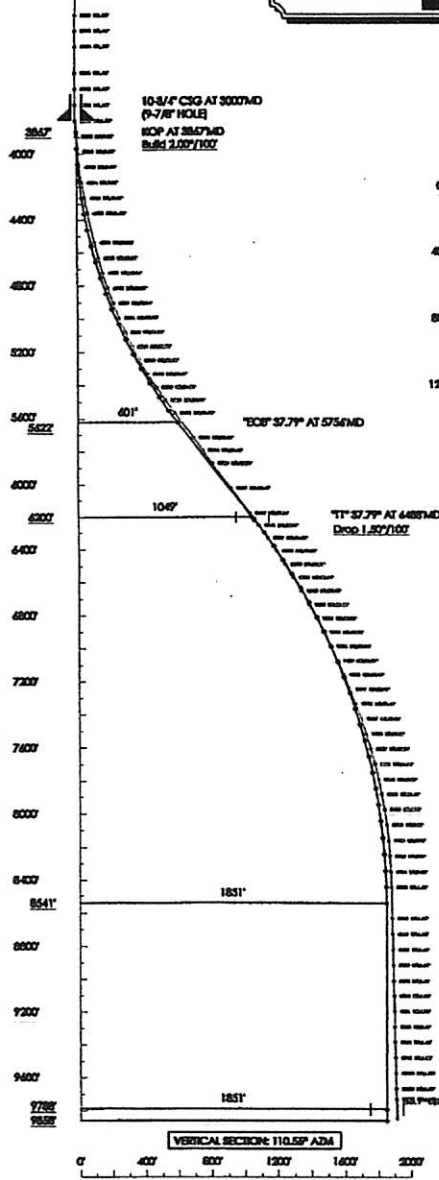
Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	Subsea TVD FT	Vertical			CLOSURE		Dogleg Severity Deg/100
					N-S FT	E-W FT	Section FT	Distance FT	Direction Deg	
5500.00	34.29	110.51	5410.08	-5375.08	-162.32	444.31	473.02	473.03	110.07	2.55
5595.00	35.70	109.19	5487.91	-5452.91	-180.81	495.56	527.49	527.51	110.05	1.68
5690.00	36.93	108.31	5584.45	-5529.45	-198.89	548.83	583.72	583.76	109.92	1.41
5784.00	36.67	108.22	5639.72	-5604.72	-216.54	602.30	639.99	640.05	109.77	.28
5879.00	36.67	107.96	5715.92	-5680.92	-234.15	656.23	696.87	696.76	109.84	.16
5974.00	36.49	108.05	5792.21	-5757.21	-251.65	710.08	753.23	753.35	109.51	.20
6069.00	36.58	107.95	5868.54	-5833.54	-269.13	763.88	809.73	809.89	109.41	.11
6164.00	36.49	107.78	5944.87	-5909.87	-286.48	817.69	866.22	866.42	109.31	.14
6257.00	36.49	107.96	6019.84	-5984.84	-303.45	870.33	921.46	921.71	109.22	.12
6352.00	36.14	107.87	6096.19	-6061.19	-320.76	923.86	977.67	977.86	109.15	.37
6447.00	36.14	109.19	6172.91	-6137.91	-338.56	976.98	1033.66	1033.88	109.11	.82
6542.00	35.17	110.95	6250.10	-6215.10	-357.55	1028.99	1089.02	1089.34	109.16	1.49
6637.00	34.21	111.39	6328.21	-6293.21	-377.08	1079.41	1143.09	1143.39	109.26	1.04
6732.00	33.33	111.74	6407.19	-6372.19	-396.48	1128.52	1195.89	1196.14	109.36	.95
6826.00	32.01	111.92	6486.31	-6451.31	-415.35	1175.62	1246.61	1246.84	109.46	1.41
6920.00	30.69	112.62	6566.59	-6531.59	-433.88	1220.88	1295.49	1295.69	109.56	1.46
7016.00	29.55	113.14	6649.62	-6614.62	-452.60	1265.27	1343.63	1343.78	109.68	1.22
7109.00	28.58	114.38	6730.91	-6695.91	-470.80	1306.62	1388.73	1388.85	109.82	1.23
7204.00	27.52	115.78	6814.75	-6779.75	-489.72	1347.08	1433.26	1433.34	109.98	1.31
7299.00	26.73	117.45	6899.30	-6864.30	-509.12	1385.80	1476.33	1476.36	110.17	1.15
7394.00	25.76	116.84	6984.51	-6949.51	-528.29	1423.18	1518.06	1518.07	110.37	1.06
7489.00	24.27	113.58	7070.60	-7035.60	-545.42	1459.50	1558.08	1558.08	110.49	2.14
7582.00	23.92	111.65	7155.50	-7120.50	-560.02	1494.54	1596.02	1596.02	110.54	.93
7677.00	22.07	110.25	7242.95	-7207.95	-573.31	1529.19	1633.13	1633.13	110.55	2.03
7772.00	20.40	110.51	7331.49	-7296.49	-585.29	1561.44	1667.53	1667.53	110.55	1.76
7867.00	18.64	112.71	7421.03	-7386.03	-596.95	1590.96	1699.27	1699.27	110.57	2.01
7962.00	17.15	113.41	7511.43	-7476.43	-608.38	1617.82	1728.43	1728.43	110.61	1.58
8057.00	15.74	113.76	7602.54	-7567.54	-619.13	1642.47	1755.28	1755.29	110.65	1.49
8152.00	14.68	112.88	7694.22	-7659.22	-629.01	1665.35	1780.18	1780.18	110.69	1.14
8248.00	12.75	113.32	7787.47	-7752.47	-637.93	1686.29	1802.91	1802.92	110.72	2.01
8342.00	11.43	111.47	7879.39	-7844.39	-645.45	1704.48	1822.59	1822.60	110.74	1.46
8436.00	9.76	109.45	7971.78	-7936.78	-651.51	1720.67	1839.87	1839.88	110.74	1.82
8530.00	7.91	114.82	8064.66	-8029.66	-656.88	1734.05	1854.29	1854.30	110.75	2.15
8624.00	5.72	119.03	8157.99	-8122.99	-661.87	1744.02	1865.37	1865.39	110.78	2.39
8719.00	3.61	117.45	8252.67	-8217.67	-665.54	1750.81	1873.02	1873.04	110.81	2.22
8814.00	2.46	121.41	8347.54	-8312.54	-667.98	1755.21	1877.99	1878.02	110.84	1.23
8908.00	1.41	124.75	8441.48	-8406.48	-669.70	1757.88	1881.10	1881.12	110.86	1.12
9002.00	1.32	124.04	8535.46	-8500.46	-670.96	1759.73	1883.27	1883.30	110.87	.10
9095.00	1.32	127.65	8628.43	-8593.43	-672.21	1761.46	1885.34	1885.37	110.89	.09
9190.00	1.23	126.86	8723.41	-8688.41	-673.49	1763.14	1887.36	1887.40	110.91	.10
9285.00	1.41	120.53	8818.38	-8783.38	-674.70	1764.97	1889.49	1889.53	110.92	.24
9380.00	1.49	121.14	8913.35	-8878.35	-675.93	1767.03	1891.86	1891.90	110.93	.09

LOWER OIL COMPANY  
WALKER, WELL No.7  
LAKEVIEW FIELD, CAMERON PARISH LA.  
BIG-AXIS FREEDOM

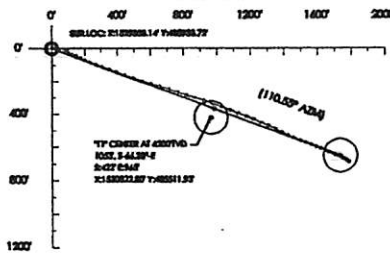


BOX: 34'

VERTICAL SECTION  
SCALE 1"=200'



PLAN  
SCALE 1"=200'



LENGTH NOT SHOWN  
TP AT 6807MD  
1049', 5-48.4P-4  
585P 5278  
2122222.14 748222.77  
"VERTICAL" AT 9007MD  
1851', 5-48.4P-4  
585P 5278  
2122222.14 748222.77  
CONT. VERTICAL:  
TP AT 6807MD  
"P&H" AT 10254MD

RECORDED  
OCT 13 2003  
OFFICE OF COMMISSIONER  
LABORATORY DIVISION



PATHFINDER ENERGY SERVICES  
NEW ORLEANS, LOUISIANA  
804-585-9772

APPROVED BY COMPANY ENGINEER: \_\_\_\_\_ DATE: \_\_\_\_\_  
DRAWN BY: FRANK KENNEDY (KFK) DATE: AUG. 12, 2003