

219691

# FINAL SURVEY REPORT

JAN 14 1997

Office of Conservation  
Walt F. L.  
Baton Rouge, LA

## LINDER OIL COMPANY

BETTY D BLANCHARD ET AL #1

JENERETTE FIELD

SECTION 37, T-13S, R-9E

ST. MARY PARISH, LOUISIANA

12/18/96

RECEIVED  
DEC 17 1996

OFFICE OF CONSERVATION

LAFAYETTE, LOUISIANA



**DIRECTIONAL  
TECHNOLOGIES**

Inc.

DIRECTIONAL TECHNOLOGIES, INC.

LINDER OIL COMPANY  
 BETTY D BLANCHARD ET AL #1  
 JENERETTE FIELD  
 SECTION 37, T-13S, R-9E

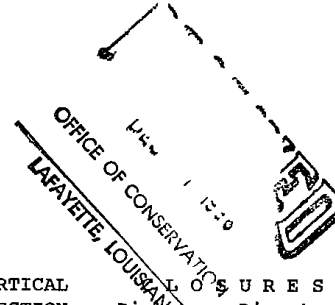
**RECEIVED**  
 DEC 27 1996  
 OFFICE OF CONSERVATION  
 LAFAYETTE, LOUISIANA

Plane of Vertical Section: N 6 56 E

Minimum Curvature Calculations

Measured Depth Feet	B O R E - H O L E		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		VERTICAL SECTION Feet	C L O S U R E S		DLS Deg/100'	
	Inclination Deg	Direction Deg		North/South Feet	East/West Feet		Distance Feet	Direction Deg		
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
RUSTY CLARK GYRO FROM 0' MD TO 4927' MD										
100.00	1.00	299.00	100.00	.42N	.76W	.33	.87	299.00	1.00	
200.00	.75	301.00	199.98	1.18N	2.09W	.92	2.40	299.55	.25	
300.00	.50	279.00	299.98	1.59N	3.08W	1.21	3.46	297.30	.34	
400.00	.75	328.00	399.97	2.21N	3.86W	1.73	4.45	299.83	.57	
500.00	.50	356.00	499.97	3.20N	4.23W	2.67	5.31	307.10	.39	
600.00	1.00	329.00	599.96	4.39N	4.71W	3.78	6.44	312.93	.60	
700.00	.75	322.00	699.95	5.65N	5.57W	4.94	7.93	315.42	.27	
800.00	.50	4.00	799.94	6.60N	5.94W	5.84	8.88	318.02	.50	
900.00	1.00	341.00	899.93	7.86N	6.19W	7.05	10.01	321.77	.57	
1000.00	.75	358.00	999.92	9.34N	6.50W	8.49	11.38	325.17	.36	
1100.00	.25	335.00	1099.92	10.19N	6.61W	9.32	12.15	327.01	.53	
1200.00	.75	53.00	1199.91	10.78N	6.18W	9.96	12.43	330.17	.74	
1300.00	.50	71.00	1299.91	11.32N	5.25W	10.60	12.48	335.12	.31	
1400.00	.50	101.00	1399.90	11.38N	4.41W	10.76	12.20	338.82	.26	
1500.00	0.00	0.00	1499.90	11.30N	3.98W	10.73	11.98	340.59	.50	
1600.00	.50	107.00	1599.90	11.17N	3.56W	10.66	11.72	342.30	.50	
1700.00	.75	176.00	1699.90	10.39N	3.10W	9.94	10.84	343.38	.74	
1800.00	.50	159.00	1799.89	9.33N	2.90W	8.91	9.77	342.74	.31	
1900.00	.75	200.00	1899.88	8.30N	2.96W	7.89	8.82	340.35	.50	

LINDER OIL COMPANY  
 BETTY D BLANCHARD ET AL #1  
 JENERETTE FIELD



Measured Depth Feet	B O R E - H O L E		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		VERTICAL SECTION Feet	L O U I S I A N A D I R E C T I O N S		DLS Deg/100'
	Inclination Deg	Direction Deg	North/South Feet	East/West Feet	Distance Feet		Direction Deg		
2000.00	1.00	213.00	1999.87	6.96N	3.66W	6.46	7.86	332.23	.32
2100.00	.75	218.00	2099.86	5.71N	4.54W	5.12	7.30	321.49	.26
2200.00	1.00	247.00	2199.85	4.85N	5.75W	4.12	7.52	310.17	.50
2300.00	1.50	231.00	2299.82	3.69N	7.57W	2.75	8.42	295.98	.61
2400.00	2.00	251.00	2399.78	2.30N	10.24W	1.04	10.49	282.64	.78
2500.00	2.25	263.00	2499.71	1.49N	13.84W	-.19	13.91	276.14	.51
2600.00	2.25	267.00	2599.63	1.15N	17.74W	-1.00	17.78	273.70	.16
2700.00	2.25	264.00	2699.56	.84N	21.66W	-1.78	21.67	272.22	.12
2800.00	2.00	263.00	2799.49	.42N	25.34W	-2.64	25.34	270.95	.25
2900.00	1.50	266.00	2899.44	.12N	28.38W	-3.31	28.38	270.24	.51
3000.00	1.25	253.00	2999.41	.29S	30.73W	-4.00	30.73	269.45	.40
3100.00	1.25	251.00	3099.39	.97S	32.80W	-4.92	32.81	268.31	0.04
3200.00	1.50	246.00	3199.36	1.85S	35.03W	-6.07	35.08	266.97	.28
3300.00	1.75	255.00	3299.32	2.78S	37.70W	-7.31	37.80	265.78	.36
3400.00	1.50	254.00	3399.28	3.54S	40.43W	-8.39	40.59	265.00	.25
3500.00	1.50	247.00	3499.25	4.41S	42.89W	-9.55	43.12	264.13	.18
3600.00	1.50	243.00	3599.21	5.52S	45.26W	-10.94	45.60	263.05	.10
3700.00	1.50	243.00	3699.18	6.70S	47.60W	-12.40	48.07	261.98	0.00
3800.00	1.25	238.00	3799.15	7.88S	49.69W	-13.81	50.31	260.99	.28
3900.00	1.50	228.00	3899.12	9.33S	51.59W	-15.49	52.42	259.75	.35
4000.00	1.50	227.00	3999.08	11.10S	53.52W	-17.48	54.65	258.28	.03
4100.00	1.25	234.00	4099.06	12.63S	55.36W	-19.22	56.78	257.14	.30
4200.00	1.25	218.00	4199.03	14.13S	56.91W	-20.90	58.64	256.05	.35
4300.00	1.75	238.00	4299.00	15.80S	58.88W	-22.79	60.96	254.98	.72
4400.00	1.75	250.00	4398.95	17.13S	61.61W	-24.44	63.94	254.46	.37

LINDER OIL COMPANY  
 BETTY D BLANCHARD ET AL #1  
 JENERETTE FIELD

RECEIVED

DEC 27 1996

OFFICE OF CONSERVATION

LAFAYETTE, LOUISIANA

Page 3

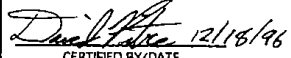

Measured Depth Feet	B O R E - H O L E		TRUE Vertical Depth Feet	R E C T A N G U L A R C O O R D I N A T E S		VERTICAL SECTION Feet	C L O S U R E S		DLS Deg/100'
	Inclination Deg	Direction Deg	North/South Feet	East/West Feet	Distance Feet		Direction Deg		
4500.00	1.50	266.00	4498.91	17.75S	64.35W	-25.38	66.75	254.58	.52
4600.00	1.50	239.00	4598.88	18.51S	66.77W	-26.43	69.29	254.51	.70
4700.00	1.00	246.00	4698.85	19.54S	68.69W	-27.69	71.42	254.12	.52
4800.00	1.25	263.00	4798.83	20.03S	70.57W	-28.40	73.36	254.16	.41
4900.00	1.75	242.00	4898.80	20.88S	73.00W	-29.53	75.93	254.04	.74
4927.00	1.75	241.00	4925.79	21.27S	73.73W	-30.01	76.74	253.91	.11
MWD'S FROM 4927' MD TO 7268' MD									
5024.00	.80	244.80	5022.76	22.28S	75.64W	-31.24	78.85	253.59	.98
5117.00	1.50	335.20	5115.75	21.45S	76.74W	-30.55	79.68	254.38	1.83
5211.00	3.20	354.90	5209.67	17.72S	77.48W	-26.94	79.48	257.12	1.98
5304.00	4.40	12.10	5302.47	11.65S	76.97W	-20.85	77.84	261.40	1.77
5396.00	6.90	16.70	5394.01	2.90S	74.64W	-11.88	74.69	267.77	2.76
5490.00	9.40	19.80	5487.06	9.73N	70.42W	1.17	71.08	277.87	2.70
5584.00	12.50	25.50	5579.33	26.14N	63.43W	18.30	68.61	292.40	3.49
5677.00	15.60	27.60	5669.54	46.31N	53.31W	39.54	70.61	310.98	3.38
5772.00	18.10	23.30	5760.46	71.19N	41.55W	65.66	82.43	329.73	2.94
5865.00	20.80	22.60	5848.15	99.71N	29.49W	95.42	103.98	343.53	2.91
5959.00	24.00	21.20	5935.04	132.95N	16.16W	130.03	133.93	353.07	3.45
6051.00	25.50	18.10	6018.59	169.22N	3.23W	167.59	169.25	358.90	2.16
6145.00	26.70	17.00	6103.00	208.65N	9.23E	208.24	208.85	2.53	1.38
6237.00	28.70	14.20	6184.46	249.84N	20.69E	250.51	250.69	4.73	2.59
6331.00	30.40	13.10	6266.23	294.89N	31.62E	296.55	296.58	6.12	1.90
6425.00	30.80	11.40	6347.14	341.64N	41.76E	344.18	344.18	6.97	1.01
6519.00	32.50	8.20	6427.17	390.24N	50.13E	393.43	393.44	7.32	2.54
6614.00	33.00	7.90	6507.06	441.12N	57.32E	444.82	444.83	7.40	.55
6706.00	33.00	6.80	6584.22	490.82N	63.73E	494.92	494.93	7.40	.65

LINDER OIL COMPANY  
 BETTY D BLANCHARD ET AL #1  
 JENERETTE FIELD

Measured Depth Feet	B O R E - H O L E		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		VERTICAL SECTION Feet	C L O S U R E S		DLS Deg/100'
	Inclination Deg	Direction Deg	North/South Feet	East/West Feet	Distance Feet		Direction Deg		
6800.00	33.20	6.50	6662.97	541.80N	69.68E	546.25	546.27	7.33	.28
6895.00	33.40	6.80	6742.37	593.61N	75.71E	598.41	598.42	7.27	.27
6990.00	32.70	5.10	6822.00	645.13N	81.09E	650.21	650.21	7.16	1.22
7082.00	32.90	6.10	6899.33	694.73N	85.96E	700.03	700.03	7.05	.63
7268.00	32.50	6.50	7055.85	794.61N	96.98E	800.51	800.51	6.96	.24
PROJECTED TO TD									
7361.00	32.50	6.50	7134.29	844.26N	102.64E	850.47	850.47	6.93	0.00
Final Station Closure Distance:			850.47 Feet; Direction: 6.93						

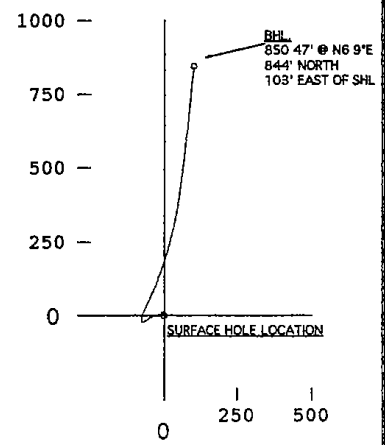
**RECEIVED**  
 DEC 27 1996  
 OFFICE OF CONSERVATION  
 LAFAYETTE, LOUISIANA

WE HEREBY CERTIFY THAT THE DATA CONTAINED IN  
 THIS REPORT FROM 0' FEET TO 7268' FEET BY OUR  
 DIRECTIONAL CONSULTANT, REPRESENTS TO THE BEST  
 OF OUR KNOWLEDGE, A TRUE AND ACCURATE SURVEY  
 OF THE WELL AT THE TIME THE SURVEY WAS RUN



**DIRECTIONAL  
 TECHNOLOGIES**  
INC

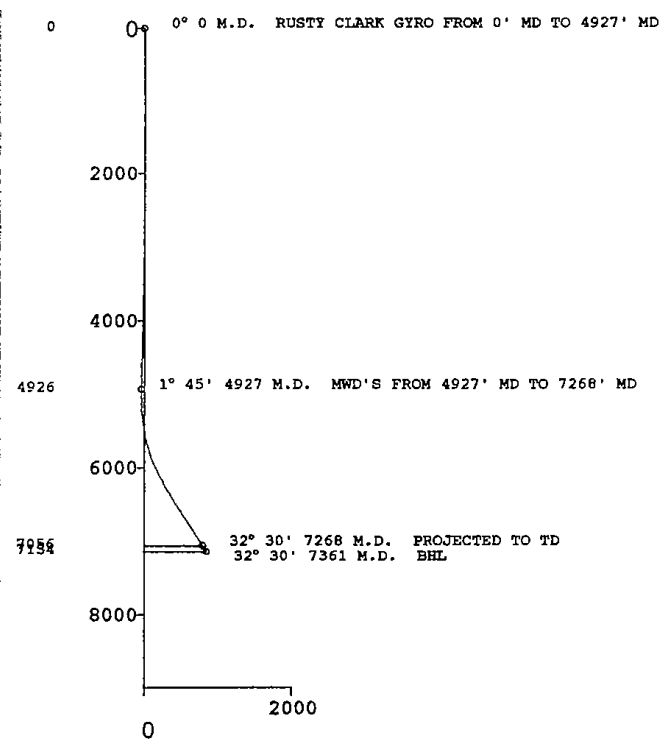
CERTIFIED BY/DATE

LINDER OIL COMPANY  
 BETTY D BLANCHARD ET AL #1  
 JENERETTE FIELD  
 SECTION 37, T-13S, R-9E



PLANE OF PROPOSAL  
 N 6° 56'E

VERTICAL SECTION  
 Scale 1" = 2000'



HORIZONTAL PLAN  
 Scale 1" = 500'



**RECEIVED**

DEC 27 1996

OFFICE OF CONSERVATION  
 LAFAYETTE, LOUISIANA



12-18-1996