

177154105101

ST 160
G-18045
Well # 2
Rams 27-Apr-2001

G18045-002

ST0160

4-27-01



**RUSTY CLARK
SURVEY COMPANY, INC.**

LAM-02010156-GS



FEBRUARY 20, 2001

Report of Sub-Surface Directional Survey

WALTER OIL & GAS CORPORATION

OCS-G-18045, WELL #2

SOUTH TIMBALIER 160

API # 177154105100
SURVEY FROM SURFACE TO 4,055 FT. M.D.

Rams 03 May 2001

P.O. BOX 100

BREAUX BRIDGE, LOUISIANA 70517

PHONE (337) 237-7593



ds0057414

MEAS. DEPTH	DRIFT ANGLE	DRIFT DIREC	TRUE VERTICAL DEPTH	SUB SEA TVD	VERTICAL SECTION	TOTAL RECTANGULAR COORDINATES		CLOSURE			DOG LEG SEVERITY DEG/100FT.	
						DISTANCE	ANGLE	D	M	S		
0	0.00	N 0.00 E	0.00	-91.00	0.00	0.00 N	0.00 E	0.00	N 0	0	0 E	0.00
100	0.50	N 50.00 W	100.00	9.00	-0.15	0.28 N	0.33 W	0.44	N 50	0	0 W	0.50
200	0.75	N 52.00 W	199.99	108.99	-0.51	0.96 N	1.18 W	1.53	N 50	51	26 W	0.25
300	1.00	S 88.00 W	299.98	208.98	-0.40	1.34 N	2.57 W	2.90	N 62	32	43 W	0.64
400	1.00	S 50.00 W	399.97	308.97	0.67	0.74 N	4.11 W	4.18	N 79	43	57 W	0.65
500	0.50	S 32.00 W	499.96	408.96	1.85	0.19 S	5.01 W	5.02	S 87	52	31 W	0.55
600	0.75	S 28.00 W	599.95	508.95	2.92	1.13 S	5.55 W	5.67	S 78	27	18 W	0.25
700	0.75	S 31.00 W	699.94	608.94	4.21	2.27 S	6.20 W	6.60	S 69	51	15 W	0.04
800	1.25	S 25.00 W	799.93	708.93	5.94	3.82 S	6.99 W	7.97	S 61	20	25 W	0.51
900	1.25	S 20.00 W	899.90	808.90	8.12	5.84 S	7.83 W	9.76	S 53	17	34 W	0.11
1000	0.75	S 2.00 W	999.89	908.89	9.83	7.51 S	8.22 W	11.14	S 47	34	37 W	0.58
1100	0.50	S 12.00 W	1099.88	1008.88	10.89	8.60 S	8.34 W	11.97	S 44	7	25 W	0.27
1200	0.50	S 2.00 E	1199.88	1108.88	11.73	9.46 S	8.41 W	12.66	S 41	38	56 W	0.12
1300	0.50	S 22.00 E	1299.88	1208.88	12.46	10.30 S	8.23 W	13.19	S 38	38	24 W	0.17
1400	0.50	S 25.00 E	1399.87	1308.87	13.10	11.10 S	7.89 W	13.62	S 35	23	34 W	0.03
1500	0.25	S 38.00 E	1499.87	1408.87	13.52	11.67 S	7.57 W	13.91	S 32	58	3 W	0.26
1600	0.25	S 50.00 E	1599.87	1508.87	13.72	11.98 S	7.27 W	14.01	S 31	14	18 W	0.05
1700	0.25	S 30.00 E	1699.87	1608.87	13.94	12.31 S	6.99 W	14.15	S 29	35	28 W	0.09
1800	0.50	S 60.00 E	1799.87	1708.87	14.16	12.71 S	6.50 W	14.28	S 27	5	5 W	0.31
1900	0.25	S 58.00 E	1899.86	1808.86	14.28	13.05 S	5.94 W	14.34	S 24	28	26 W	0.25
2000	0.25	S 70.00 E	1999.86	1908.86	14.33	13.24 S	5.55 W	14.36	S 22	44	32 W	0.05
2100	0.50	S 78.00 E	2099.86	2008.86	14.28	13.40 S	4.92 W	14.28	S 20	8	47 W	0.25
2200	0.50	S 88.00 E	2199.86	2108.86	14.09	13.51 S	4.05 W	14.11	S 16	42	21 W	0.09
2300	0.50	N 70.00 E	2299.85	2208.85	-3.68	13.38 S	3.21 W	13.76	S 13	29	21 W	0.19
2400	0.75	N 65.00 E	2399.85	2308.85	12.94	12.95 S	2.21 W	13.14	S 9	39	54 W	0.26
2500	1.00	N 37.00 E	2499.84	2408.84	11.65	11.98 S	1.09 W	12.03	S 5	11	12 W	0.49
2600	0.75	N 32.00 E	2599.82	2508.82	10.18	10.72 S	0.22 W	10.73	S 1	8	59 W	0.26
2700	0.50	N 22.00 E	2699.82	2608.82	9.11	9.77 S	0.30 E	9.77	S 1	43	50 E	0.27
2800	0.50	N 17.00 E	2799.81	2708.81	8.23	8.94 S	0.59 E	8.96	S 3	44	57 E	0.04
2900	0.50	N 7.00 E	2899.81	2808.81	7.37	8.09 S	0.77 E	8.13	S 5	24	45 E	0.09

MEAS. DEPTH	DRIFT ANGLE DEG	DRIFT DIREC	TRUE VERTICAL DEPTH	SUR SEA TVD	VERTICAL SECTION	TOTAL RECTANGULAR COORDINATES	CLOSURE			DOG LEG SEVERITY DEG/100FT.		
							DISTANCE	ANGLE				
							D	M	S			
3000	0.25	N 12.00 E	2999.81	2908.81	6.73	7.45 S 0.87 E	7.50	S 6	37	42	E	0.25
3100	0.25	N 15.00 E	3099.81	3008.81	6.30	7.02 S 0.97 E	7.09	S 7	50	30	E	0.00
3200	0.25	N 12.00 E	3199.81	3108.81	5.86	6.60 S 1.07 E	6.68	S 9	12	8	E	0.00
3300	0.25	N 15.00 E	3299.81	3208.81	5.43	6.17 S 1.17 E	6.28	S 10	44	14	E	0.00
3400	0.50	N 2.00 E	3399.80	3308.80	4.79	5.53 S 1.24 E	5.67	S 12	40	7	E	0.26
3500	0.50	N 15.00 W	3499.80	3408.80	4.02	4.67 S 1.14 E	4.81	S 13	46	26	E	0.15
3600	0.50	N 0.00 E	3599.80	3508.80	3.25	3.81 S 1.03 E	3.95	S 15	8	44	E	0.13
3700	0.50	N 10.00 W	3699.79	3608.79	2.46	2.95 S 0.96 E	3.10	S 17	58	45	E	0.09
3800	0.75	N 20.00 W	3799.79	3708.79	1.57	1.90 S 0.66 E	2.01	S 19	2	49	E	0.27
3900	0.75	N 15.00 W	3899.78	3808.78	0.53	0.65 S 0.26 E	0.71	S 21	54	57	E	0.07
3980	0.75	N 22.00 W	3979.77	3888.77	-0.29	0.34 N 0.07 W	0.34	N 11	28	35	W	0.12

PROJECTED SURVEY AT 4055 FT. M.D.

4055	0.75	N 22.00 W	4054.76	3963.76	-1.03	1.25 N 0.44 W	1.32	N 19	16	36	W	0.00
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BOTTOM HOLE CLOSURE 1.32 FEET AT N 19 16 36 W