

Geo Tech Petroleum Inc.
EDDY COUNTY, NEW MEXICO

FEDERAL E A

WELL NO. 1

MAGNETIC SINGLE SHOT SURVEY

JOB NO. WT775D-55

JULY 8, 1975

* SUBMITTED BY *
* EASTMAN-WHIPSTOCK *
* INC. *
*

RECORD OF SURVEY
PRO. DIRECTION -0-0

TRUE		ANGLE		DOG LEG		RECTANGULAR	
MEAS. COURSE	TRUE COURSE	INCLIN	COURSE	VERT.	DEG PER	COORDINATES	
DEPTH	LENGTH	D M	D M	SEC.	100		
0	-0.	-00	0 0 0 0 0	.00	.00	.00	.00
200	200.00	200.00	0 15 N 46 0 W	.00	.13	.61 N	.63W
400	200.00	400.00	0 15 S 0 0 W	.00	.10	.27 S	.63W
600	199.98	599.98	0 45 S 76 0 W	.00	.37	.90 S	3.17W
800	199.97	799.95	1 0 S 85 0 W	.00	.14	1.20 S	6.65W
1000	199.91	999.86	1 45 S 90 0 W	.00	.38	1.20 S	12.76W
1200	199.93	1199.79	1 30 N 80 0 W	.00	.19	.29 S	17.92W
1400	199.95	1399.74	1 15 N 67 0 W	.00	.20	1.41 N	21.94W
1600	199.97	1599.71	1 0 N 68 0 W	.00	.13	2.72 N	25.17W
1800	199.97	1799.68	1 0 N 70 0 W	.00	.02	3.91 N	28.46W

				ANGLE		OF				DOG LEG			
		TRUE	TRUE	INCLIN	COURSE	VERT.	LEG PER						
		COURSE	VERT.	D	D	SEC.	100						
		LENGTH	DEPTH	M	M								
MEAS.	COURSE	LENGTH	DEPTH	D	D								
2000	200.	199.97	1999.65	1	0	N 82	0 W	.00	.10	4.40 N	31.91W		
2200	200.	199.96	2199.63	0	45	N 85	0 W	.00	.13	4.62 N	34.52W		
2400	200.	199.95	2399.58	1	15	N 75	0 W	.00	.26	5.75 N	38.74W		
2600	200.	199.95	2599.54	1	15	N 72	0 W	.00	.03	7.10 N	42.89W		
2800	200.	199.93	2799.47	1	30	S 88	0 W	.00	.23	6.92 N	48.13W		
3000	200.	199.88	2999.34	2	0	S 80	0 W	.00	.28	5.71 N	55.00W		
3200	200.	199.88	3199.22	2	0	S 80	0 W	.00	.00	4.50 N	61.88W		
3400	200.	199.88	3399.10	2	0	S 78	0 W	.00	.04	3.05 N	68.71W		
3600	200.	199.88	3598.98	2	0	S 77	0 W	.00	.02	1.48 N	75.52W		
3755	155.	154.91	3753.88	2	0	N 48	0 W	.00	.65	5.10 N	79.54W		
3806	51.	50.97	3804.85	2	0	N 72	0 W	.00	1.63	5.65 N	81.23W		
3822	16.	15.98	3820.83	2	45	N 65	0 W	.00	5.02	5.98 N	81.93W		
3885	63.	62.81	3883.64	4	30	N 45	0 W	.00	3.39	9.47 N	85.43W		
3944	59.	58.75	3942.39	5	15	N 42	0 W	.00	1.34	13.49 N	89.04W		
4007	63.	62.63	4005.02	6	15	N 43	0 W	.00	1.60	18.50 N	93.72W		
4101	94.	93.20	4098.21	7	30	N 45	0 W	.00	1.35	27.18 N	102.40W		
4196	95.	93.89	4192.11	8	45	N 49	0 W	.00	1.44	36.66 N	113.32W		
4296	100.	98.63	4290.73	9	30	N 57	0 W	.00	1.47	45.65 N	127.17W		
4389	93.	91.29	4382.02	11	0	N 50	0 W	.00	2.09	57.05 N	140.77W		
4488	99.	97.01	4479.03	11	30	N 53	0 W	.00	.78	68.93 N	156.55W		

		ANGLE		DOG LEG		RECTANGULAR	
		OF		DEG PER		COORDINATES	
		INCLIN		100			
		D M		D M			
MEAS.	COURSE	TRUE	VERT.	COURSE	VERT.		
DEPTH	LENGTH	COURSE	DEPTH	DIRECTION	SEC.		
4582	94.	92.03	4571.06	N 52 0 W	.00	80.72 N	171.64W
4673	91.	89.09	4660.15	N 55 0 W	.00	91.34 N	186.83W
4736	63.	61.89	4722.05	N 48 0 W	.00	99.21 N	195.57W
4797	61.	59.95	4781.98	N 47 0 W	.00	106.97 N	203.90W
4889	92.	90.31	4872.29	N 45 0 W	.00	119.38 N	216.32W
4982	93.	91.29	4963.58	N 45 0 W	.00	131.93 N	228.88W
5076	94.	92.19	5055.77	N 44 0 W	.00	145.12 N	241.62W
5167	91.	89.33	5145.09	N 45 0 W	.00	157.40 N	253.91W
5227	60.	58.90	5203.99	N 45 0 W	.00	165.50 N	262.01W
5280	53.	52.23	5256.22	N 37 0 W	.00	172.67 N	267.42W
5338	58.	57.32	5313.55	N 34 0 W	.00	179.98 N	272.36W
5400	62.	61.36	5374.91	N 34 0 W	.00	187.36 N	277.33W
5492	92.	91.16	5466.07	N 33 0 W	.00	197.77 N	284.10W
5585	93.	92.20	5558.27	N 31 0 W	.00	208.18 N	290.35W
5680	95.	94.29	5652.56	N 28 0 W	.00	218.40 N	295.79W
5770	90.	89.33	5741.89	N 30 0 W	.00	227.90 N	301.28W
5823	53.	52.58	5794.47	N 35 0 W	.00	233.38 N	305.12W
5861	38.	37.70	5832.16	N 29 0 W	.00	237.58 N	307.45W
5923	62.	61.57	5893.73	N 29 0 W	.00	243.95 N	310.98W
6015	92.	91.41	5985.14	N 28 0 W	.00	253.15 N	315.88W

MEAS. DEPTH	COURSE LENGTH	TRUE VERT. DEPTH	ANGLE OF INCLIN		COURSE DIRECTION	VERT. SEC.	DOG LEG		RECTANGULAR COORDINATES
			D	M			DEG	PER 100	
6106	91.	90.50	6	0	N 27 0 W	.00	.56		261.63 N 320.20 W
6231	125.	124.31	6	0	N 18 0 W	.00	.75		274.06 N 324.24 W

BOTTOM HOLE CLOSURE 424.55 FEET AT N 49 46 26 W

(METHOD OF COMPUTATION--TANGENTIAL)