

SURVEY TABULATION SHEET

KERN COUNTY LAND COMPANY

CUSTOMER ~~XXXXXXXXXXXXXXXXXXXX~~

SHEET NO. 1 OF 2

WELL NO. NEW HOPE UNIT WELL NO. 2

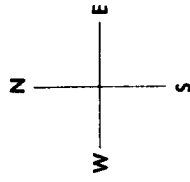
SURVEY JOB NO. SUP-3715

FIELD WILDCAT

ROOSEVELT COUNTY, NEW MEXICO

GYROSCOPIC MULTISHOT

SURVEY DATE NOVEMBER 16, 1963



CORRECTED TIME	MEASURED DEPTH		VERTICAL DEPTH		ANGLE OF INCLINATION	COURSE DEV.	DIRECTION OF INCLINATION				MEASURED COURSE DISPLACEMENT				TOTAL DISPLACEMENT			
	COURSE	TOTAL	COURSE	TOTAL			OBSERVED	CORR.	CORRECTED		NORTH	SOUTH	EAST	WEST	NORTH	SOUTH	EAST	WEST
11-33-25	100	100	99.95	99.95	1 3/4		N 17 E	0°	N 17 E		2.92		.89		2.92		.89	
35-07		200	99.94	199.89	2		N 33 E	1°	N 34 E		2.82		1.25		5.81		2.84	
36-47		300	99.92	299.81	2 1/4		N 31 E		N 32 E		3.33		2.08		9.14		4.92	
38-02		400	99.97	399.76	1 1/2		N 15 E		N 16 E		2.52		.72		11.66		5.64	
39-40		500	99.97	499.75	1 1/2		N 08 E		N 09 E		2.52		.41		14.25		6.05	
41-20		600	99.98	599.73	1 1/4		N 03 W		N 02 W		2.18			.08	16.43		5.97	
42-20		700	99.98	699.71	1 1/4		N 02 W	1°	N 01 W		2.18			.04	18.61		5.93	
48-34		800	99.98	799.69	1		N 06 W	2°	N 04 W		1.74			.12	20.35		5.91	
49-50		900	99.98	899.67	1		N 02 E		N 04 E		1.74		.12		22.09		5.93	
51-05		1000	99.98	999.65	1		N 19 E		N 21 E		1.63		.63		23.72		6.56	
52-20		1100	99.99	1099.64	3/4		N 13 W		N 13 W		1.28		.29		25.00		6.27	
54-00		1200	99.99	1199.63	3/4		N 11 E	2°	N 13 E		1.23		.29		26.28		6.56	
55-39		1300	100.00	1299.63	1/4		N 19 W	3°	N 16 W		.42			.12	26.70		6.44	
56-54		1400	100.00	1399.63	1/4		N 29 W		N 26 W		.39			.19	27.09		6.25	
58-09		1500	100.00	1499.63	1/4		N 16 E		N 19 E		.41		.14		27.50		6.32	
11-59-04		1600	99.99	1599.62	3/4		N 10 W		N 07 W		1.30			.16	28.80		6.23	
12-01-04		1700	100.00	1699.62	1/2		N 34 E		N 31 W		.75			.45	29.55		5.78	
02-18		1800	100.00	1799.62	1/2		N 04 E		N 03 E		.67		.05		30.42		5.3	
03-32		1900	100.00	1899.62	1/4		N 33 E		N 36 E		.35		.26		30.77		6.02	
09-43		2000	99.99	1999.61	3/4		N 04 E		N 03 E		1.31		.07		32.08		6.16	
11-02		2100	100.00	2099.61	1/2		N 03 W		N 04 E		.67				32.95		6.16	
12-42		2200	100.00	2199.61	1/4		N 30 E		N 33 E		.37		.24		33.32		6.10	
13-58		2300	100.00	2299.61	1/4		N 35 W		N 32 W		.37			.23	33.69		6.17	
15-12		2400	100.00	2399.61	0		-		-						33.69		6.17	
16-27		2500	99.99	2499.60	3/4		N 53 W		N 50 W		.94			1.00	34.53		5.17	
18-07		2600	100.00	2599.60	0		-		-						34.23		5.17	
19-22		2700	100.00	2699.60	1/2		S 35 W		S 38 W			.67		.54	33.94		4.63	
21-02		2800	100.00	2799.60	1/2		S 84 W		S 87 W			.05		.77	33.79		3.76	
22-17		2900	100.00	2899.60	1/2		N 66 W		N 63 W		.40			.78	34.19		2.98	
12-23-32	100	3000	100.00	2999.60	1/2		N 08 W	3°	N 05 W		.67			.08	35.06		2.90	
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SURVEY TABULATION SHEET

KERN COUNTY LAND COMPANY

CUSTOMER

WELL NO. 2
NEW HOPE UNIT WELL NO. 2

FIELD

WILDCAT

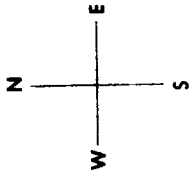
MADE IN JAPAN'S PREMIER ENGINEERING CENTER • 11110 N. CENTRAL

ROOSEVELT COUNTY, NEW MEXICO
GYROSCOPIC MULTISHOT

SHEET NO. 2 OF 2

SURVEY
JOB NO. S'R-3715

SURVEY
DATE

[illegible]

CUSTOMER

SHEET NO. 1 OF 3

SURVEY
JOB NO. MS-3774

WELL NO. NEW HOPE UNIT WELL NO. 2

SURVEY
DATE

FIELD WILDCAT

ROOSEVELT COUNTY, NEW MEXICO



ROOSEVELT COUNTY, NEBRASKA										TOTAL DISPLACEMENT									
CORRECTED TIME	MEASURED DEPTH		ANGLE OF INCLINATION	COURSE DEV	DIRECTION OF INCLINATION			MEASURED COURSE DISPLACEMENT				TOTAL DISPLACEMENT							
	COURSE	TOTAL			OBSERVED	CORR.	CORRECTED	NORTH	SOUTH	EAST	WEST	NORTH	SOUTH	EAST	WEST				
		3440					TAKEN FROM SUR-3715												
27-20	101	3541	1/2		N	19	E	12E	N	31	E					35.73		2.21	
26-00	89	3630	0									.45				36.18		2.66	
24-10	90	3720	1/2		N	13	E			55	E	.64				36.48		2.66	
20-10	91	3811	1/4		N	10	W			02	E	.01				36.93		3.30	
17-20	91	3902	0		N	11	W			01	E	.01				37.33		3.31	
13-00	89	3991	1/4													37.72		3.32	
10-10	89	4080	0		N	28	W			16	W	.76				37.72		3.32	
08-00	90	4170	1/2		N	27	W			15	W	.38	.22			38.48		3.10	
05-20	90	4260	1/4										.10			38.86		3.00	
02-20	89	4349	0													38.86		3.00	
3-01-00	91	4440	0													38.86		3.00	
59-00	91	4531	0													38.86		3.00	
57-00	91	4622	0													38.86		3.00	
55-20	89	4711	1/2		S	02	W			14	W	.75	.19			38.11		2.81	
53-20	89	4800	3/4		S	24	E			12	E	1.14	.24			36.97		3.05	
49-10	91	4891	3/4		S	21	W			33	W	1.00	.65			35.97		2.40	
47-10	89	4980	3/4		S	23	W			35	W	.95	.67			35.02		1.73	
45-10	91	5071	1/2		S	69	W			51	W	.12	.78			34.90		.95	
43-10	90	5161	1/2		S	41	W			53	W	.47	.63			34.43		.32	
41-00	91	5252	3/4		S	10	W			22	W	1.10	.45			33.33		.13	
38-10	91	5343	0													33.33		.13	
37-00	89	5432	0													33.33		.13	
35-00	91	5523	1/4		N	70	W			58	W	.21	.34			33.54		.47	
33-00	90	5613	1/2		N	20	W			06	W	.78	.11			34.32		.55	
31-20	90	5703	1/2		N	17	W			35	W	.64	.45			34.76		1.03	
27-00	92	5795	1/2		N	11	W			29	W	.70	.39			35.66		1.42	
25-00	90	5885	1		N	04	E			16	E	1.51	.43			37.17		.99	
23-00	89	5974	1 1/4		N	07	E			19	E	1.84	.63			39.01		.36	
2-21-00	89	6063	1		N	25	E			37	E	1.24	.93			40.25		.57	
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XXIX. EXOTIC PAIX

CUSTOMER

NEW HOPE UNIT WELL NO. 2

WILDCAT

ROOSEVELT COUNTY, NEW MEXICO



SHEET NO.

SURVEY
JOB NO.

SURVEY
DATE

2 OF 3

MS-3714

NOVEMBER 16, 1963

CORRECTED TIME	MEASURED DEPTH		ANGLE OF INCLINATION	COURSE DEV.	DIRECTION OF INCLINATION				MEASURED COURSE DISPLACEMENT				TOTAL DISPLACEMENT				
	COURSE	TOTAL			OBSERVED	CORR.	CORRECTED	NORTH	SOUTH	EAST	WEST	NORTH	SOUTH	EAST	WEST		
19-00	89	6152	88.99	6151.51	1	N 06	E 12E	N 18	E	1.48		.48		41.73		1.05	
17-00	90	6242	90.00	6241.51	1 1/2	N 40	E	N 52	E	.48		.62		42.21		1.67	
15-00	91	6333	90.99	6332.50	3/4	N 37	E	N 49	E	.78		.90		42.99		2.57	
13-00	88	6421	87.99	6420.49	3/4	N 16	E	N 28	E	1.02		.54		44.01		3.11	
11-00	90	6511	89.99	6510.48	3/4	N 54	E	N 66	E	.48		1.08		44.49		4.19	
07-40	89	6600	88.99	6599.47	3/4	N 61	E	N 73	E	.34		1.11		44.83		5.30	
03-20	90	6690	89.99	6689.46	1	N 64	E	N 76	E	.38		1.52		45.21		6.82	
2-01-20	90	6780	89.99	6779.45	1	N 56	E	N 68	E	.59		1.46		45.80		8.28	
59-40	88	6868	87.99	6867.44	1	N 47	E	N 59	E	.79		1.32		46.59		9.60	
57-20	91	6959	90.99	6958.43	3/4	N 46	E	N 58	E	.63		1.01		47.22		10.61	
55-15	90	7049	89.99	7048.42	3/4	N 32	E	N 44	E	.85		.32		48.07		11.43	
53-00	90	7139	90.00	7138.42	1 1/2	N 09	W	N 03	W	.78		.04		48.85		11.47	
51-00	90	7229	90.00	7228.42	1 1/2	N 22	E	N 34	E	.55		.44		49.50		11.91	
48-40	91	7320	90.99	7319.41	1	N 33	W	N 21	W	1.48			.57	50.98		11.34	
46-00	89	7409	88.99	7408.40	1	N 60	W	N 48	W	1.04			1.15	52.02		10.19	
32-40	90	7499	89.99	7498.39	1	N 76	W	N 64	W	.69			1.41	52.71		8.78	
30-00	89	7588	88.98	7587.37	1 1/4	N 52	W	N 40	W	1.49			1.25	54.20		7.53	
27-40	90	7678	89.96	7677.33	1 3/4	N 51	W	N 39	W	2.14			1.73	56.34		5.80	
25-20	89	7767	88.97	7766.30	1 1/2	N 55	W	N 43	W	1.70			1.59	58.04		4.21	
23-00	91	7858	90.98	7857.28	1 1/4	N 55	W	N 43	W	1.45			1.35	59.49		2.86	
20-20	90	7948	89.99	7947.27	3/4	N 58	W	N 46	W	.82			.85	60.31		2.01	
18-00	91	8039	90.99	8038.26	1	N 57	W	N 45	W	1.12			1.12	61.43		.59	
16-00	89	8128	88.99	8127.25	1	N 65	W	N 53	W	.93			1.24	62.36		.35	
13-00	91	8219	90.99	8218.24	1	N 53	W	N 41	W	1.20			1.04	63.56		1.39	
10-00	89	8308	88.97	8307.21	1 1/2	N 71	W	N 59	W	1.20			2.00	64.76		3.39	
06-00	90	8398	89.96	8397.17	1 3/4	N 83	W	N 71	W	.89			2.50	65.65		4.99	
1-01-40	90	8488	89.95	8487.12	2	N 75	W	N 63	W	1.43			2.80	67.08		5.79	
58-40	89	8577	88.95	8576.07	2	N 67	W	N 55	W	1.78			2.54	68.86		11.33	
54-40	90	8667	89.98	8665.95	3	S 28	E	S 16	E			4.53	1.30	64.33		10.03	
12-52-00	90	8757	89.69	8755.64	4 3/4	S 34	E	S 22	E			6.91	2.79	57.42		7.24	
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CUSTOMER XXXXBXGXXDXGXGXXDXXX

SHEET NO. 3 OF 3

WELL NO. 2 NEW HOPE UNIT WELL NO. 2

SURVEY
JOB NO. MS-3714

FIELD
WILDCAT

NOVEMBER 16, 1963



MAGNETIC MULTISHOT

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