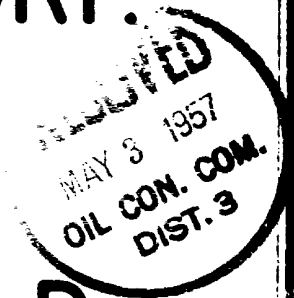


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0-57-2

**REPORT
and
PLAN
of
SUB-SURFACE
MAGNETIC
SURVEY
NORTHWEST
PRODUCTION CORP.
WELL *NE* 1-16
JICARILLA FIELD**



JOB NO. RM-42357

DATE APRIL 2, 1957

EASTMAN OIL WELL SURVEY COMPANY

DENVER, COLORADO

LONG BEACH, CALIFORNIA

HOUSTON, TEXAS

SURVEY BY

DENVER

OFFICE



RECORD OF SURVEY

50
CAMPBELL, U. ESTERGMAN
P. C. Campbell

JOB NO. RM-42357 DATE April 2, 1957

	MEASURED DEPTH	DRIFT ANGLE	TRUE VERTICAL DEPTH	COURSE DEVIATION	DRIFT DIRECTION	RECTANGULAR COORDINATES				REMARKS
						NORTH	SOUTH	EAST	WEST	
26	6560 00	6° 15'		1 09	N 22° 00' E	85 97		17 37		
27	6570 00	6° 30'		1 13	N 22° 00' E	87 02		17 79		
28	6580 00	6° 50'		1 19	N 21° 00' E	88 13		18 22		
29	6590 00	6° 50'		1 19	N 21° 00' E	89 24		18 65		
30	6600 00	7° 30'	6597 63	1 31	N 19° 00' E	90 48		19 08		
31	6610 00	7° 40'		1 33	N 20° 00' E	91 73		19 53		
32	6620 00	8° 20'		1 45	N 21° 00' E	93 08		20 05		
33	6630 00	8° 30'		1 48	N 20° 00' E	94 47		20 56		
34	6640 00	9° 15'		1 61	N 15° 00' E	96 03		20 98		
35	6650 00	9° 45'	6647 05	1 69	N 16° 00' E	97 65		21 45		
36	6660 00	10° 15'		1 78	N 16° 00' E	99 36		21 94		
37	6670 00	11° 00'		1 91	N 15° 00' E	101 20		22 43		
38	6680 00	11° 45'		2 04	N 15° 00' E	103 17		22 96		
39	6690 00	12° 30'		2 16	N 14° 00' E	105 27		23 48		
40	6700 00	13° 30'	6695 98	2 33	N 13° 00' E	107 54		24 00		
41	6750 00	17° 00'		14 62	N 17° 00' E	121 52		28 27		
42	6800 00	19° 30'		16 69	N 17° 00' E	137 48		33 15		
43	6850 00	20° 00'	6837 92	17 10	N 18° 00' E	153 74		38 43		
44	6900 00	21° 00'	6884 60	17 92	N 19° 00' E	170 68		44 26		
45	6950 00	21° 45'	6931 04	18 53	N 20° 00' E	188 09		50 60		
46	7000 00	22° 00'	6977 40	18 73	N 22° 00' E	205 46		57 62		
47	7050 00	22° 30'	7023 60	19 14	N 23° 00' E	223 08		65 10		
48	7100 00	22° 30'	7069 80	19 14	N 22° 00' E	240 83		72 27		
49	7150 00	24° 00'	7115 48	20 34	N 22° 00' E	259 69		79 89		
50	7200 00	25° 00'	7160 80	21 13	N 26° 00' E	278 68		89 15		



RECORD OF SURVEY

The following data were taken from the

1000 200 was obtained by

CAMPBELL WESTERGAARD and engineer of
the U.S. Coast and Geodetic Survey, and was obtained by the
U.S. Coast and Geodetic Survey, and was obtained by the
U.S. Coast and Geodetic Survey, and was obtained by the

JOB NO. RM-42357

DATE April 2, 1957

H. C. Campbell
EASTMAN OFFICE ENGINEER

	MEASURED DEPTH	DRIFT ANGLE	TRUE VERTICAL DEPTH	COURSE DEVIATION	DRIFT DIRECTION	RECTANGULAR COORDINATES				REMARKS
						NORTH	SOUTH	EAST	WEST	
1	4000 00	0° 00'		8 75	Vertical	8 32				
2	4500 00	1° 00'		10 20	N 18° 00' E	18 52		2 70		
3	5000 00	1° 10'		10 20	N 1° 00' E	28 64		2 88		
4	5500 00	1° 10'		23 25	N 7° 00' E	51 76		4 12		
5	6000 00	2° 40'	5999 15		N 6° 00' E			6 55		
6	6100 00	2° 30'		4 36	N 7° 00' E	56 09		7 08		
7	6150 00	2° 45'		2 40	N 10° 00' E	58 45		7 50		
8	6200 00	3° 00'		2 62	N 12° 00' E	61 01		8 04		
9	6350 00	3° 40'		9 60	N 16° 00' E	70 24		10 69		
10	6400 00	4° 00'	6398 50	3 49	N 20° 00' E	73 52		11 88		
11	6410 00	4° 00'		70	N 20° 00' E	74 18		12 12		
12	6420 00	4° 00'		70	N 23° 00' E	74 82		12 39		
13	6430 00	4° 00'		70	N 24° 00' E	75 46		12 67		
14	6440 00	4° 25'		77	N 24° 00' E	76 16		12 98		
15	6450 00	4° 20'	6448 38	76	N 25° 00' E	76 85		13 30		
16	6460 00	4° 30'		79	N 25° 00' E	77 57		13 63		
17	6470 00	4° 35'		80	N 25° 00' E	78 30		13 97		
18	6480 00	4° 35'		80	N 25° 00' E	79 03		14 31		
19	6490 00	4° 50'		84	N 25° 00' E	79 79		14 66		
20	6500 00	5° 00'	6498 21	87	N 24° 00' E	80 58		15 01		
21	6510 00	5° 00'		87	N 24° 00' E	81 37		15 36		
22	6520 00	5° 20'		93	N 24° 00' E	82 22		15 74		
23	6530 00	5° 30'		96	N 25° 00' E	83 09		16 15		
24	6540 00	5° 40'		99	N 24° 00' E	83 99		16 55		
25	6550 00	6° 00'	6547 98	1 05	N 23° 00' E	84 96		16 96		



RECORD OF SURVEY

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CAMPBELL, WESTERLUND
J.C. Campbell
LASTMAN OFFICE ENGINEER

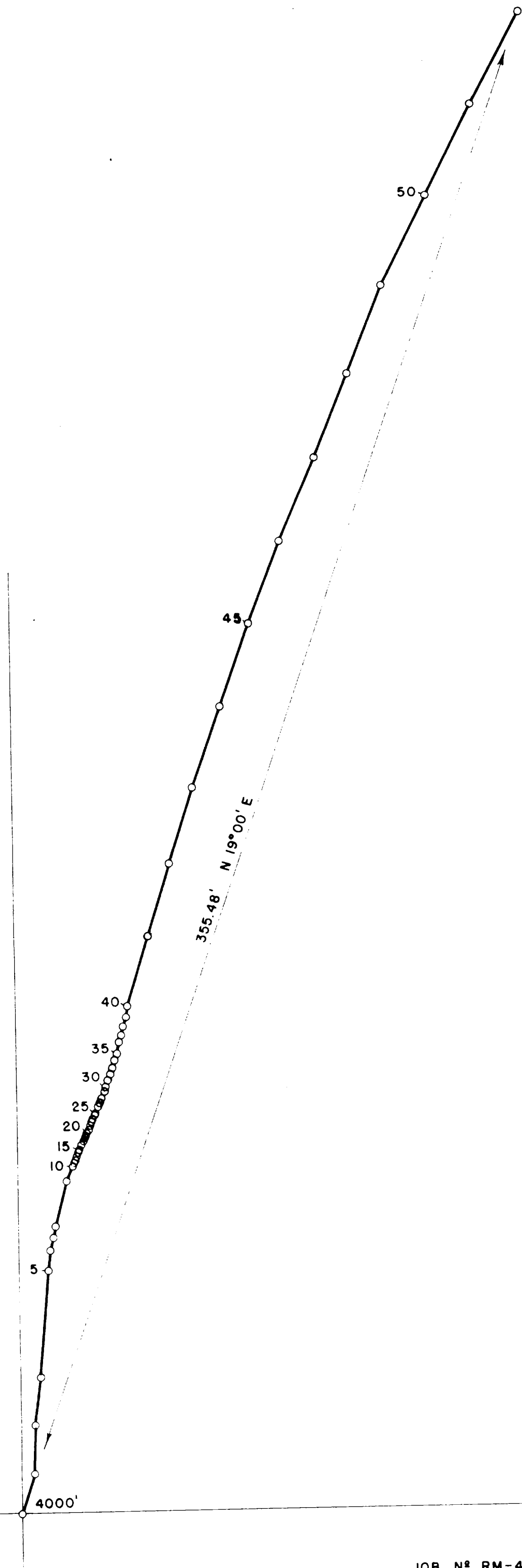
JOB NO. RM-42357

DATE April 2, 1957

	MEASURED DEPTH	DRIFT ANGLE	TRUE VERTICAL DEPTH	COURSE DEVIATION	DRIFT DIRECTION	RECTANGULAR COORDINATES				REMARKS
						NORTH	SOUTH	EAST	WEST	
51	7250 00	25° 30'	7205 93	21 53	N 27° 00' E	297 86		98 92		
52	7300 00	26° 00'	7250 87	21 92	N 28° 00' E	317 21		109 21		
			CLOSURE	335.48'	N 19° 00' E					



DEPTH 7300'
NORTH 317.21'
EAST 109.21'



JOB N^o RM-42357