

**REPORT
and
PLAN
of
SUB-SURFACE
MAGNETIC
SURVEY
NORTHWEST
PRODUCTION CORP.
JICARILLA N° E 11-15
RIO ARRIBA, N. MEX.**



JOB NO. RM-52657

DATE MAY 7, 1957

EASTMAN OIL WELL SURVEY COMPANY

DENVER, COLORADO

LONG BEACH, CALIFORNIA

HOUSTON, TEXAS

SURVEY BY

CASPER

OFFICE



RECORD OF SURVEY

The field data for this survey from readings

thru 25 was obtained by

HUGH MARTIN

field engineer for
Eastman Oil Survey Co., and is supported by signed field records.
The computation and drafting of this report was done under my
supervision and is true and correct to the best of my knowledge

P.C. Campbell
EASTMAN OFFICE ENGINEER

JOB NO. RM-52657

DATE May 7, 1957

	MEASURED DEPTH	DRIFT ANGLE	TRUE VERTICAL DEPTH	COURSE DEVIATION	DRIFT DIRECTION	RECTANGULAR COORDINATES				REMARKS
						NORTH	SOUTH	EAST	WEST	
1	4000 00	2° 45'		13 10	N 20° 00' E	7 51		10 73		
2	4500 00	1° 30'		13 10	N 55° 00' E	9 78		23 63		
3	5000 00	1° 30'		17 45	N 80° 00' E		2 56	35 97		
4	5500 00	2° 00'		3 93	S 45° 00' E		5 86	38 11		
5	5600 00	2° 15'	5599 32		S 33° 00' E					
6	5700 00	3° 30'		6 10	S 35° 00' E		10 86	41 61		
7	5800 00	3° 15'		5 67	S 17° 00' E		16 28	43 27		
8	5900 00	3° 45'		6 54	S 29° 00' E		22 00	46 44		
9	6000 00	3° 30'		6 10	S 20° 00' E		27 73	48 53		
10	6100 00	3° 45'	6098 36	6 54	S 19° 00' E		33 91	50 66		
11	6200 00	3° 45'		6 54	S 18° 00' E		40 13	52 68		
12	6300 00	4° 00'		6 98	S 10° 00' E		47 00	53 89		
13	6400 00	4° 15'		7 41	S 1° 00' E		54 41	54 02		
14	6500 00	4° 30'		7 85	S 1° 00' E		62 26	54 16		
15	6550 00	4° 15'	6547 19	3 71	South		65 97	54 16		
16	6600 00	4° 15'		3 71	S 1° 00' E		69 68	54 22		
17	6650 00	4° 15'		3 71	S 3° 00' E		73 38	54 41		
18	6700 00	4° 30'		3 92	S 1° 00' W		77 30	54 34		
19	6750 00	4° 30'		3 92	S 1° 00' W		81 22	54 27		
20	6800 00	4° 30'	6796 46	3 92	S 3° 00' W		85 13	54 06		
21	6850 00	4° 30'		3 92	S 4° 00' W		89 04	53 79		
22	6900 00	4° 45'		4 14	S 8° 00' W		93 14	53 21		
23	6950 00	5° 15'		4 58	S 18° 00' W		97 50	51 79		
24	7000 00	5° 45'		5 01	S 16° 00' W		102 32	50 41		
25	7050 00	6° 00'	7045 41	5 23	S 14° 00' W		107 39	49 14		



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P.C. Campbell
EASTMAN OFFICE ENGINEER

JOB NO. RL-52657

DATE MAY 7, 1957

	MEASURED DEPTH	DRIFT ANGLE	TRUE VERTICAL DEPTH	COURSE DEVIATION	DRIFT DIRECTION	RECTANGULAR COORDINATES			REMARKS
						NORTH	SOUTH	EAST	WEST
26	7100 00	6° 30'		5 66	S 14° 00' W		112 88	47 77	
27	7150 00	6° 30'		5 66	S 14° 00' W		118 37	46 40	
28	7200 00	6° 45'		5 88	S 17° 00' W		123 99	44 68	
29	7250 00	7° 15'		6 31	S 12° 00' W		130 16	43 37	
30	7300 00	7° 30'	7293 59	6 53	S 13° 00' W		136 52	41 90	
31	7350 00	7° 45'		6 74	S 13° 00' W		143 09	40 38	
32	7400 00	8° 00'		6 96	S 13° 00' W		149 87	38 81	
33	7450 00	8° 15'		7 17	S 12° 00' W		156 88	37 32	
34	7500 00	8° 00'		6 96	S 12° 00' W		163 69	35 87	
35	7550 00	7° 45'	7541 17	6 74	S 12° 00' W		170 28	34 47	
36	7600 00	8° 00'		6 96	S 15° 00' W		177 00	32 67	
37	7650 00	9° 00'		7 82	S 15° 00' W		184 55	30 65	
38	7700 00	10° 15'	7689 26	8 90	S 20° 00' W		192 91	27 61	
39	7750 00	11° 30'	7738 26	9 97	S 27° 00' W		201 79	23 08	
40	7800 00	14° 00'	7786 77	12 10	S 28° 00' W		212 47	17 40	
41	7850 00	14° 30'	7835 18	12 52	S 30° 00' W		223 31	11 44	
42	7890 00	14° 30'	7873 91	10 02	S 28° 00' W		232 16	6 44	
			CLOSURE	232.25'	S 1° 35' E				

