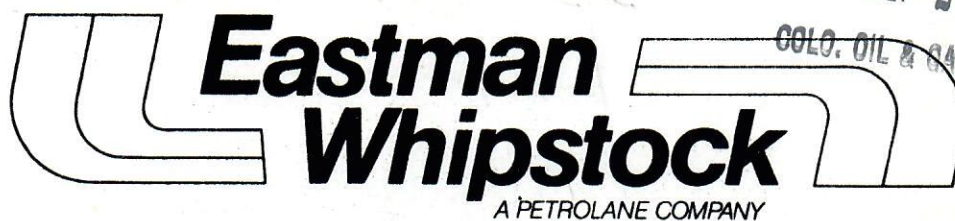




RECEIVED  
SEP 24 1976

COLO. OIL & GAS CONS. COMM.



**REPORT  
of  
SUB-SURFACE  
DIRECTIONAL  
SURVEY**

Atlantic Richfield  
COMPANY

Sheep Mountain 8-14  
WELL NAME

Walsenburg, Colorado  
LOCATION

JOB NUMBER

TYPE OF SURVEY

DATE

Collar and S.S.

8-13-76

SURVEY BY

*file*  
OFFICE  
Rocky Mountain

TYPE SURVEY=RADIUS  
COMPANY= ATLANTIC RICHFIELD  
DATE 08/13/76

EASTMAN WHIPSTOCK, INC.  
RECORD OF SURVEY

PAGE 1  
WELL NO.= SHEEP MTN 8-14  
JOB NO.= COLLAR & S.S.

MEAS. DEPTH	TRUE VERT. DEPTH	ANGLE OF INCLIN D M	COURSE DIRECTION D M	DOG LEG DEG PER 100	RECTANGULAR COORDINATES	
0	0.00	0 0	0 0	0.00	0.00	0.00
115	115.00	0 45	N 35 0 E	0.65	0.71 N	0.22 E
228	227.99	0 30	N 35 0 E	0.21	1.73 N	0.94 E
320	319.99	0 0	N 35 0 E	0.54	2.05 N	1.17 E
571	570.99	0 15	N 35 0 E	0.10	2.47 N	1.46 E
713	712.98	1 0	N 70 0 E	0.59	3.40 N	2.67 E
1760	1759.82	1 0	N 59 0 E	0.53	11.25 N	19.15 E
2032	2031.79	0 45	N 77 0 E	0.14	12.78 N	22.94 E
2325	2324.78	0 15	S 22 0 E	0.24	11.17 N	24.83 E
2710	2709.77	0 15	N 85 0 E	0.18	12.12 N	26.11 E
3514	3513.49	2 30	S 36 0 W	0.32	2.91 N	9.81 E
3600	3599.39	3 0	S 33 0 W	0.60	0.49 S	7.47 E
3760	3759.11	3 45	S 36 0 W	0.48	8.25 S	2.14 E
3890	3888.75	4 45	S 34 0 W	0.78	16.15 S	3.39 W
4130	4127.64	6 15	S 38 0 W	0.65	34.76 S	16.92 W
4390	4385.76	7 30	S 41 0 W	0.50	58.77 S	36.72 W
4643	4635.96	9 30	S 42 0 W	0.79	86.78 S	61.52 W
4884	4872.91	11 30	S 43 0 W	0.83	119.16 S	91.21 W
5146	5128.42	14 0	S 43 0 W	0.95	161.45 S	130.67 W
5396	5369.44	16 45	S 43 0 W	1.10	209.93 S	175.91 W
5647	5608.13	19 15	S 45 0 W	1.03	265.72 S	229.82 W
5844	5792.78	21 30	S 46 0 W	1.16	313.80 S	278.77 W
6234	6150.33	25 30	S 45 0 W	1.03	422.78 S	389.74 W
6392	6291.39	28 0	S 46 0 W	1.61	472.62 S	440.49 W
6548	6427.98	29 45	S 46 0 W	1.12	524.96 S	494.72 W
6714	6571.54	30 30	S 47 0 W	0.54	582.30 S	555.18 W
6896	6727.52	31 30	S 47 0 W	0.55	646.23 S	623.78 W
7120	6916.66	33 15	S 47 0 W	0.78	728.03 S	711.56 W
7420	7164.95	35 0	S 48 0 W	0.61	841.72 S	835.72 W
7569	7286.23	36 0	S 47 0 W	0.78	900.17 S	899.56 W
8342	7915.43	35 0	S 43 0 W	0.33	1217.51 S	1217.09 W
8728	8235.36	33 0	S 46 0 W	0.68	1371.44 S	1368.46 W
8914	8389.53	35 0	S 44 0 W	1.23	1444.98 S	1442.04 W
9287	8696.87	34 0	S 47 0 W	0.53	1593.05 S	1592.81 W
9574	8934.76	34 0	S 45 0 W	0.47	1704.53 S	1708.32 W
9828	9144.97	34 15	S 48 0 W	0.67	1802.60 S	1811.74 W

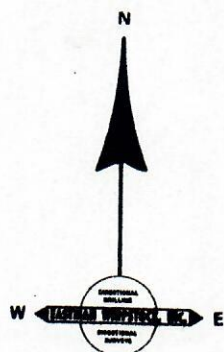
BOTTOM HOLE CLOSURE 2555.73 FEET AT S 45 7 35 W

\*\* METHOD OF COMPUTATION==RADIUS OF CURVATURE \*\*

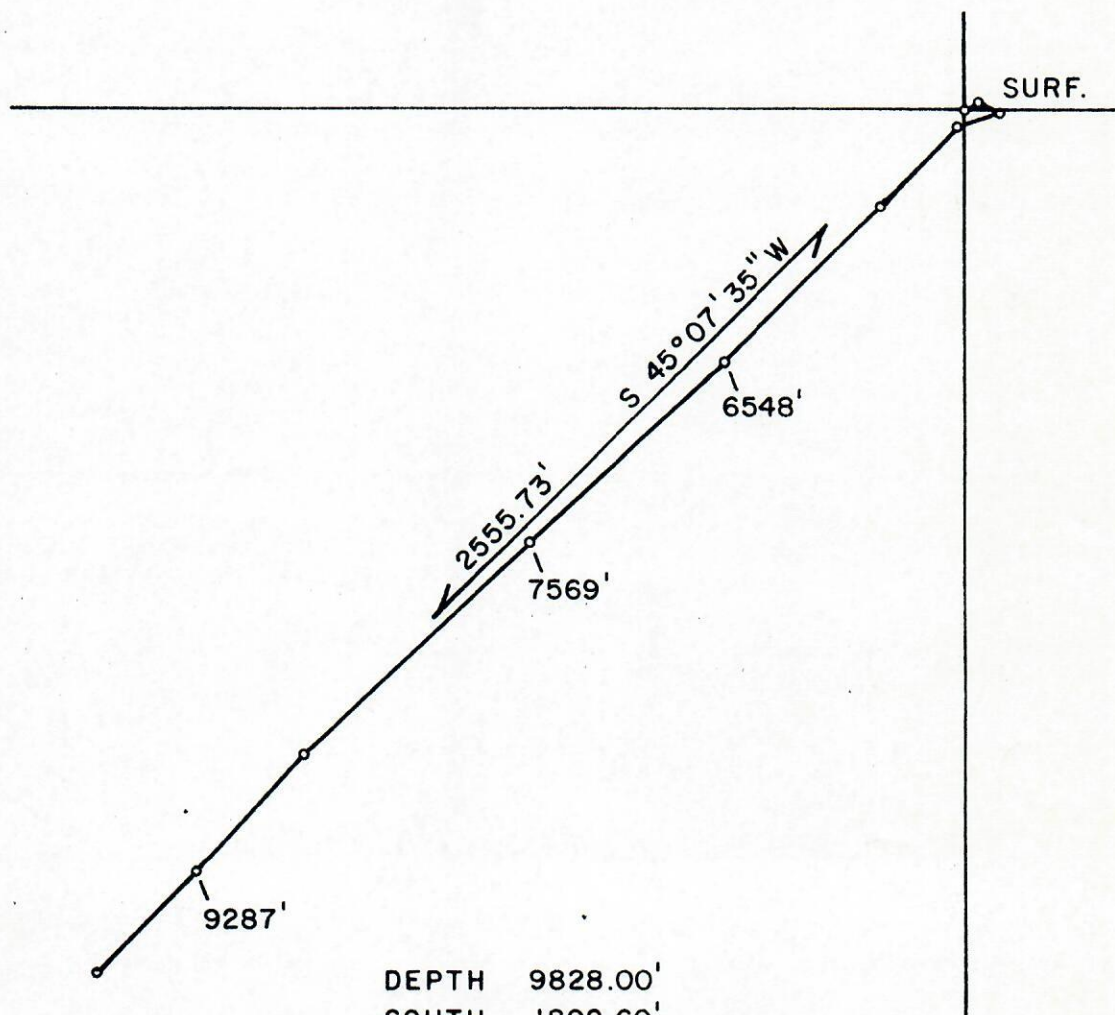


# PLAN

**EASTMAN WHIPSTOCK, INC.**



1" = 400'



DEPTH	9828.00'
SOUTH	1802.60'
WEST	1811.74'

JOB NO. —