



**REPORT
of
SUB-SURFACE
DIRECTIONAL
SURVEY**

Stoltz, Wagner & Brown

COMPANY

H. L. Vinson Well # 1

WELL NAME

Lea County, New Mexico

LOCATION

JOB NUMBER

TYPE OF SURVEY

DATE

GYRO

December 6, 1974

SURVEY BY

OFFICE
Midland, Texas

STOLTZ WAGNER & BROWN
LEA COUNTY, NEW MEXICO
H.L. VINSON
WELL NO 1
GYRO SURVEY

PAGE 1

* SUBMITTED BY *

* EASTMAN-WHIPSTOCK *

* INC. *

OCTOBER 7 1974

RECORD OF SURVEY

MEAS.	TRUE	ANGLE	COURSE	LEG	RECTANGULAR	
DEPTH	VERT.	OF	DIRECTION	DEG	COORDINATES	
	DEPTH	INCLIN	D M	PER		
		D M	D M	100		
0	.00	0 0	0 0 0 0	.00	.00	.00
200	200.00	0 15	N 84 0 E	.13	.09 N	.97 E
400	400.00	0 0	N 0 0 E	.13	.09 N	.37 E
600	600.00	0 0	N 0 0 E	.00	.09 N	.97 E
800	800.00	0 0	N 0 0 E	.00	.09 N	.97 E
1000	1000.00	0 0	N 0 0 E	.00	.09 N	.37 E
1200	1200.00	0 15	N 44 0 W	.13	.72 N	.29 E
1400	1399.99	0 15	N 10 0 W	.07	1.50 N	.11 E
1600	1599.99	0 15	S 60 0 E	.11	1.14 N	.97 E
1800	1799.99	0 0	S 0 0 E	.13	1.14 N	.37 E
2000	1999.99	0 0	S 0 0 E	.00	1.14 N	.97 E
2200	2199.98	0 30	N 41 0 E	.25	2.46 N	2.01 E
2400	2399.97	0 45	N 33 0 E	.13	4.52 N	3.53 E
2600	2599.94	1 0	N 52 0 E	.16	6.67 N	6.39 E
2800	2799.91	1 0	N 75 0 E	.20	7.57 N	9.75 E
3000	2999.88	1 0	S 79 0 E	.03	6.91 N	13.13 E
3200	3199.86	0 45	S 86 0 E	.14	6.73 N	15.79 E
3400	3399.83	1 0	N 95 0 E	.13	7.03 N	19.27 E
3600	3599.78	1 15	N 59 0 E	.26	9.26 N	23.01 E
3800	3799.75	1 0	S 89 0 E	.32	9.22 N	26.50 E
4000	3999.72	1 0	S 76 0 E	.11	8.33 N	29.69 E
4200	4199.67	1 15	S 72 0 E	.13	7.03 N	34.64 E
4317	4316.62	1 45	S 93 0 E	.49	6.59 N	37.59 E
4409	4408.57	1 45	S 75 0 E	.27	5.87 N	40.31 E
4501	4500.55	1 15	N 89 0 E	.67	5.90 N	42.32 E
4594	4593.52	1 30	S 97 0 E	.27	5.78 N	44.75 E
4689	4688.49	1 30	S 75 0 E	.33	5.13 N	47.15 E
4733	4732.47	1 15	S 95 0 E	.37	4.96 N	49.19 E
4870	4875.43	1 30	S 77 0 E	.34	4.41 N	51.57 E
4971	4970.39	1 45	S 78 0 E	.26	3.81 N	54.41 E

MEAS. DEPTH	TRUE VERT. DEPTH	ANGLE OF INCLIN D M		COURSE DIRECTION D M	DOG LEG DEG PER 100	R E C T A N G U L A R C O O R D I N A T E S	
5064	5063.35	1	45	S 71 O E	.23	2.93 N	57.09 E
5153	5153.33	1	0	S 64 O E	.85	2.71 N	58.74 E
5254	5253.30	1	30	S 77 O E	.55	2.15 N	61.17 E
5343	5348.25	1	45	S 65 O E	.44	.93 N	63.80 E
5444	5443.21	1	45	S 68 O E	.10	.16 S	60.42 E
5539	5533.15	2	0	S 90 O E	.80	.18 S	69.31 E
5634	5633.09	2	0	S 78 O E	.44	.94 S	73.05 E
5760	5759.04	1	45	N 85 O E	.27	.51 S	76.33 E
5853	5851.99	1	45	N 84 O E	.03	.21 S	79.71 E
5943	5946.96	1	30	N 89 O E	.30	.17 S	82.20 E
6043	6041.94	1	15	N 85 O E	.28	.01 N	84.27 E
6138	6136.89	1	45	N 85 O E	.53	.26 N	87.16 E
6233	6231.93	2	0	N 89 O E	.30	.31 N	90.47 E
6326	6326.80	1	30	N 98 O E	.53	.40 N	92.96 E
6423	6421.78	1	15	S 70 O E	.52	.31 S	94.91 E
6513	6516.76	1	0	S 54 O E	.42	1.23 S	96.25 E
6613	6611.73	1	30	S 47 O E	.55	2.96 S	98.07 E
6703	6706.70	1	30	S 70 O E	.63	3.93 S	100.41 E
6803	6801.67	1	30	S 62 O E	.22	5.00 S	102.01 E
6893	6896.64	1	15	S 62 O E	.26	5.97 S	104.44 E
6993	6991.62	1	15	S 63 O E	.02	6.91 S	106.23 E
7036	7086.58	1	45	S 55 O E	.57	8.57 S	108.06 E
7133	7131.56	1	0	S 79 O E	.93	8.89 S	110.29 E
7278	7276.53	1	30	S 55 O E	.75	10.32 S	112.33 E
7372	7370.50	1	30	S 79 O E	.64	10.83 S	114.74 E
7463	7466.48	1	0	S 66 O E	.59	11.51 S	116.27 E
7562	7561.40	1	15	S 67 O E	.26	12.32 S	116.16 E
7653	7656.45	1	0	S 51 O E	.42	13.36 S	119.47 E
7753	7751.42	1	15	S 73 O E	.52	13.96 S	121.45 E
7846	7844.42	0	45	S 59 O E	.59	14.52 S	122.49 E
7941	7939.40	1	0	S 63 O E	.27	15.34 S	123.37 E
8036	8034.40	0	15	S 39 O E	.82	15.67 S	124.23 E
8131	8129.40	0	15	S 34 O E	.02	16.01 S	124.47 E
8226	8224.40	0	0	S 0 O E	.26	16.01 S	124.47 E
8323	8313.40	0	15	S 26 O E	.27	16.33 S	124.63 E
8360	8353.40	0	15	S 2 O E	.26	16.55 S	124.65 E
8450	8448.31	2	30	S 31 O E	2.54	19.92 S	126.68 E
8432	8430.27	3	0	S 32 O E	1.57	21.34 S	127.56 E
8545	8543.13	3	45	S 34 O E	1.20	24.76 S	129.87 E
8604	8601.95	4	30	S 36 O E	1.23	28.50 S	132.59 E

MEAS. DEPTH	TRUE VERT. DEPTH	ANGLE		COURSE DIRECTION D M	DOG LEC	R E C T A N G U L A R	
		OF INCLIN D M	PER 100		C O O R D I N A T E S		
8702	8639.50	5 30	S 45	O E	1.29	35.14 S	139.24 E
8797	8723.89	6 30	S 45	O E	1.05	42.75 S	146.95 E
8892	8833.07	7 30	S 46	O E	1.06	51.36 S	155.77 E
8980	8980.92	9 0	S 46	O E	1.60	61.58 S	166.36 E
9031	9074.32	10 30	S 49	O E	1.67	72.94 S	179.43 E
9184	9175.51	10 45	S 50	O E	.30	85.29 S	194.16 E
9278	9263.01	10 15	S 48	O E	.66	96.48 S	206.60 E
9402	9339.94	10 30	S 49	O E	.20	111.00 S	223.41 E
9529	9514.70	10 45	S 46	O E	.35	128.06 S	240.46 E
9655	9633.49	10 45	S 46	O E	.01	144.38 S	257.38 E
9780	9761.59	10 0	S 42	O E	.83	160.52 S	271.31 E
9907	9880.56	10 15	S 37	O E	.72	178.57 S	285.52 E
9935	9963.19	10 45	S 46	O E	2.20	193.67 S	295.99 E
10049	10025.96	11 15	S 47	O E	.84	197.19 S	305.13 E
10206	10173.94	11 15	S 46	O E	.12	213.47 S	327.18 E
10333	10304.26	11 45	S 46	O E	.39	236.44 S	345.30 E
10461	10429.46	12 0	S 45	O E	.25	255.25 S	364.63 E
10602	10567.40	12 0	S 45	O E	.00	275.99 S	385.37 E
10695	10658.36	12 0	S 43	O E	.45	290.13 S	398.67 E
10922	10732.70	11 45	S 43	O E	.20	309.05 S	416.22 E
10947	10905.29	11 15	S 41	O E	.51	327.45 S	432.33 E
11079	11034.76	11 15	S 41	O E	.01	346.89 S	449.14 E
11203	11161.38	11 0	S 34	O E	1.06	367.30 S	462.91 E
11299	11250.79	10 45	S 34	O E	.27	381.38 S	472.41 E
11395	11345.40	9 45	S 32	O E	1.11	395.17 S	481.03 E
11487	11436.33	8 45	S 30	O E	1.14	407.23 S	498.04 E
11582	11530.51	7 30	S 30	O E	1.32	418.03 S	494.24 E
11707	11654.77	6 15	S 29	O E	1.00	429.94 S	500.34 E
11897	11843.45	6 45	S 22	O E	.45	450.65 S	509.22 E
12035	12030.66	5 15	S 19	O E	.81	460.92 S	514.82 E
12257	12202.29	3 45	S 14	O E	.90	477.64 S	517.54 E

BOTTOM HOLE CLOSURE 704.40 FEET AT S 47 15 54 E

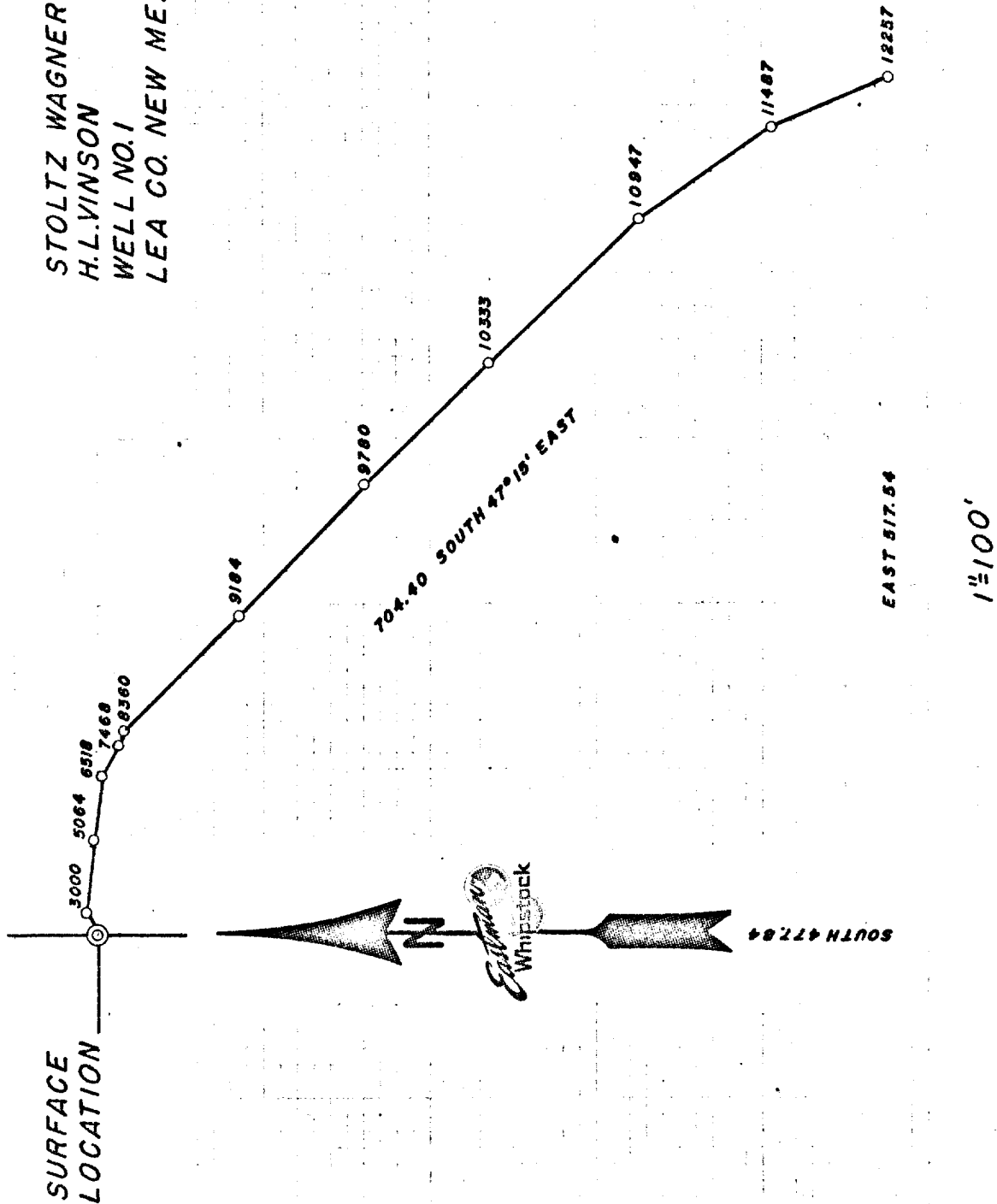
(METHOD OF COMPUTATION--TANGENTIAL)

DEFIN

RUNID: PDWHIP ACCT: 0910
TIME: TOTAL: 00:00:03.974

PROJECT: 430TAN1

STOLTZ WAGNER & BROWN
H.L. VINSON
WELL NO. 1
LEA CO. NEW MEXICO



WELL LOCATION AND ACREAGE DEDICATION PLAT

Supersedes C-128
Effective 1-7-65

All distances must be from the outer boundaries of the Section.

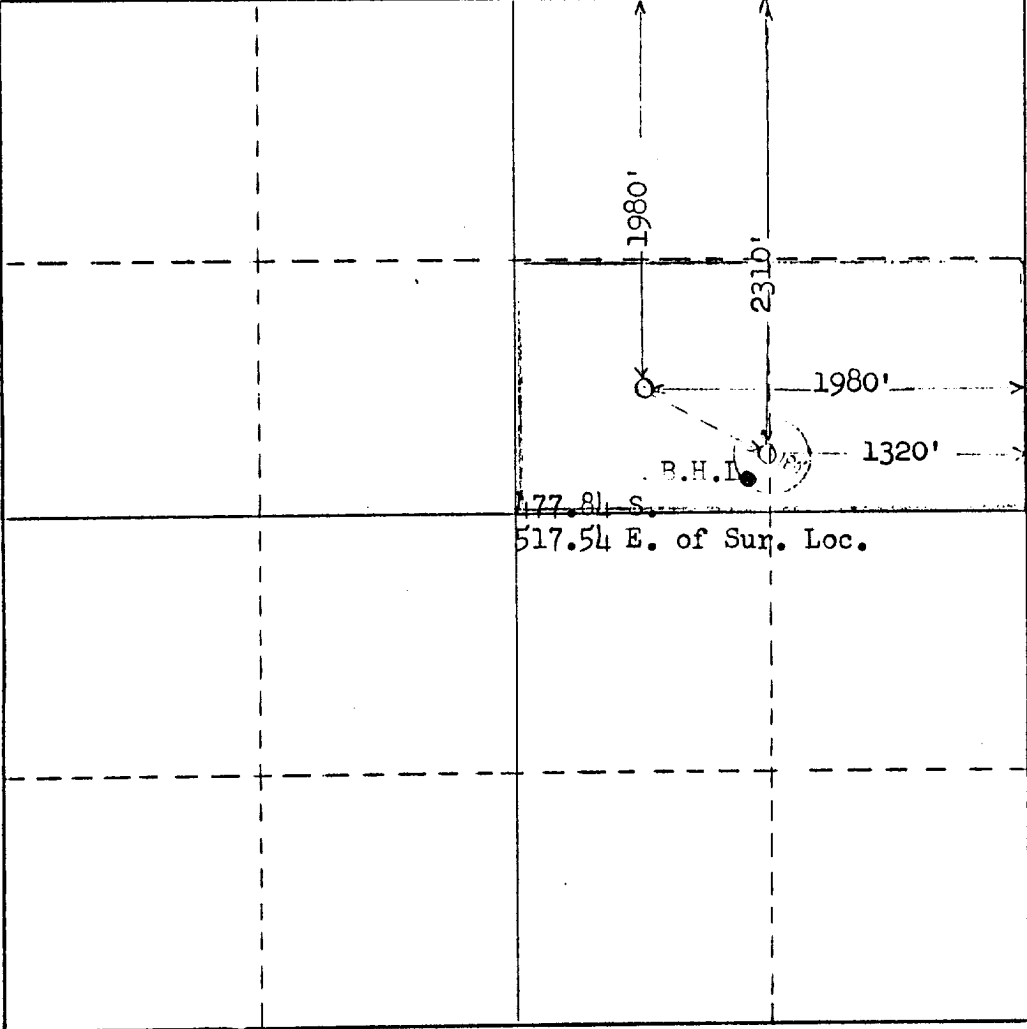
Operator Stoltz, Wagner & Brown			Lease H. L. Vinson			Well No. 1		
Unit Letter G	Section 22	Township 9-South	Range 36-East	County Lea				
Actual Footage Location of Well: Surface location: 1980' FNL & 1980' FEL; bottom hole location: 2310 feet from the North line and 1320 feet from the East line w/180' tolerance								
Ground Level Elev. 4037'	Producing Formation Devonian		Pool Crossroads Siluro Devonian		Dedicated Acreage: 80 Acres			

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☐ Yes ☐ No If answer is "yes," type of consolidation _____

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.

	CERTIFICATION
	I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.
	Name <u>R. B. Buelky</u>
	Position Agent
	Company Stoltz, Wagner & Brown
Date September 4, 1974	
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.	
Date Surveyed	
Registered Professional Engineer and/or Land Surveyor	
Certificate No.	



EASTMAN WHIPSTOCK, INC.

P. O. BOX 5577

MIDLAND, TEXAS 79701

December 6, 1974

STATE OF TEXAS
COUNTY OF MIDLAND

I, E. G. Meglasson, in the employ of the Directional Drilling Department of Eastman Whipstock, Inc., did on the days of Oct. 7, 19 74 thru Nov. 23, 19 74 conduct or supervise the taking of a Gyroscopic & Single Shot Survey by the method of Magnetic Oriented Survey from a depth of surface feet to 12,257 feet, with records of inclination being taken at approx. every 90 feet.

This survey was conducted at the request of Stoltz, Wager & Brown for their H. L. Vinson Well No. 1 Lea County, State of New Mexico, in the Field.

E. G. Meglasson
E.G. Meglasson

STATE OF TEXAS
COUNTY OF MIDLAND

Before me the undersigned authority, on this day personally appeared E.G. Meglasson, known to me to be the person whose name is subscribed to this instrument, who after being by me duly sworn on oath, states that he has knowledge of all the facts stated above and that the same is a true and correct statement of facts therein recited.

Subscribed and sworn to before me this 6 day of December, 19 74.

Forresty Cordine
Notary Public in and for the
Midland County, Texas