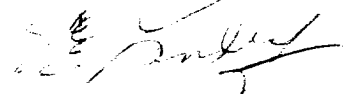


TABULATION OF DEVIATION TEST
DOME PETROLEUM CORPORATION
NAVAJO ALLOTTED 15 WELL NO. 3
MCKINLEY COUNTY, NEW MEXICO

AFFIDAVIT

This is to certify that the attached deviation tests are correct to the best of my knowledge.


W. E. Landry
Area Manager
Minerals Management Inc.

Subscribed and sworn to before me 28 of March,
1977. My commission expires February 2, 1978.
Notary Public Anne M. Sandoval.





**REPORT
of
SUB-SURFACE
DIRECTIONAL
SURVEY**

RECEIVED
MAR 16 1977
Minerals Management Inc.

Dome Petroleum/Minerals Management, Inc.

COMPANY

Navajo Alotted 15 - 3

WELL NAME

Cuba, New Mexico

LOCATION

JOB NUMBER

RM-377-80612

TYPE OF SURVEY

Multi-Shot

DATE

3-11-77

SURVEY BY

John Harris

OFFICE

Rocky Mtn.

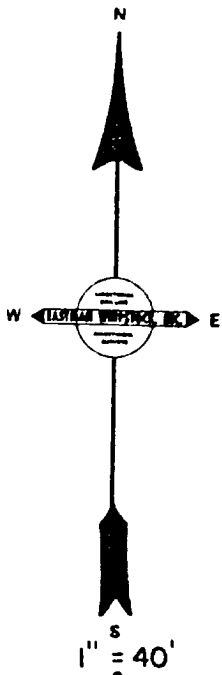
MEAS. DEPTH	TRUE VERT. DEPTH	ANGLE OF INCLIN D M	COURSE DIRECTION D M	DOG LEG DEG PER 100	R E C T A N G U L A R C O O R D I N A T E S	
0	0.00	0 0	0 0	0.00	0.00	0.00
204	204.00	0 0	0 0	0.00	0.00	0.00
250	250.00	0 30	S 57 0 W	1.08	0.17 S	0.09 W
300	300.00	0 30	S 52 0 W	0.09	0.42 S	0.45 W
500	499.98	1 0	S 6 0 E	0.37	2.65 S	0.79 E
700	699.90	2 15	S 1 0 E	0.63	8.31 S	1.14 E
900	899.64	3 30	S 4 0 W	0.63	18.33 S	0.70 E
1100	1099.21	4 0	S 9 0 W	0.30	31.31 S	0.78 W
1300	1298.69	4 15	S 14 0 W	0.22	45.40 S	3.65 W
1500	1497.97	5 30	S 23 0 W	0.73	61.50 S	9.04 W
1700	1697.09	5 15	S 20 0 W	0.19	78.94 S	15.90 W
1900	1896.28	5 0	S 20 0 W	0.12	95.74 S	22.02 W
2100	2095.60	4 30	S 22 0 W	0.26	111.20 S	27.95 W
2300	2295.16	3 0	S 37 0 W	0.89	122.55 S	34.37 W
2500	2494.99	1 45	S 40 0 W	0.63	129.03 S	39.53 W
2700	2694.92	1 15	S 62 0 W	0.38	132.32 S	43.59 W
2900	2894.87	1 15	N 33 0 W	0.31	129.40 S	46.77 W
3100	3094.83	1 0	N 28 0 W	0.13	126.02 S	48.76 W
3300	3294.80	1 0	N 15 0 W	0.11	122.78 S	50.04 W
3500	3494.78	0 45	N 5 0 W	0.15	119.81 S	50.56 W
3600	3594.77	0 30	N 8 0 W	0.25	118.71 S	50.69 W
3700	3694.76	1 30	S 61 0 E	1.26	120.10 S	49.73 W
3800	3794.72	1 45	S 58 0 E	0.26	121.54 S	47.29 W
3900	3894.68	1 30	S 30 0 E	0.82	123.57 S	45.33 W
4000	3994.63	2 0	S 10 0 E	0.78	126.42 S	44.29 W
4100	4094.57	2 0	S 13 0 E	0.10	129.84 S	43.60 W
4200	4194.49	2 30	S 1 0 W	0.68	133.73 S	44.07 W
4300	4294.37	3 0	S 17 0 W	0.91	138.46 S	44.82 W
4400	4394.23	3 0	S 4 0 W	0.68	143.59 S	45.77 W
4500	4494.13	2 15	S 3 0 E	0.75	148.17 S	45.49 W
4600	4594.05	2 0	S 2 0 E	0.25	151.86 S	45.33 W
4700	4694.00	1 30	S 5 0 W	0.51	154.91 S	45.52 W
4800	4793.96	1 45	S 15 0 W	0.38	157.71 S	46.01 W
4900	4893.93	1 15	S 16 0 W	0.50	160.24 S	46.71 W
5000	4993.90	1 0	S 1 0 W	0.38	162.17 S	47.00 W
5100	5093.89	1 0	S 10 0 E	0.16	163.91 S	46.84 W
5200	5193.86	1 30	S 49 0 E	0.96	165.77 S	45.78 W
5300	5293.83	1 15	S 48 0 E	0.25	167.37 S	43.97 W
5344	5337.81	1 45	S 45 0 E	1.15	168.17 S	43.13 W

BOTTOM HOLE CLOSURE 173.61 FEET AT S 14 23 8 W

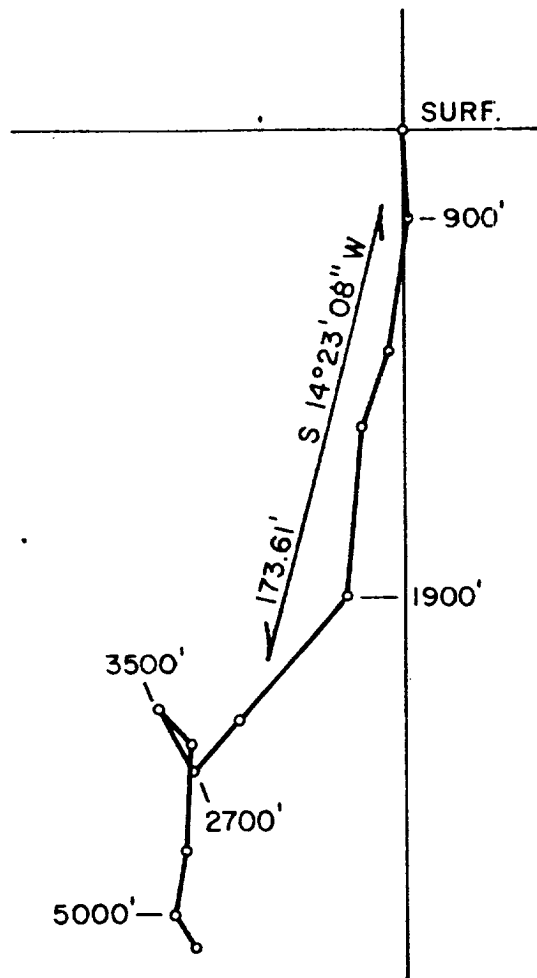
** METHOD OF COMPUTATION--RADIUS OF CURVATURE **

PLAN

EASTMAN WHIPSTOCK, INC.



DEPTH 5344.00'
SOUTH 168.17'
WEST 43.13'



JOB NO. RM 377 - S 0612