



P. O. BOX 952
915/381-0910

ODESSA, TEXAS 79760
TOLL FREE 800/592-4551

DATE: June 10, 1982

OPERATOR: ARCO OIL & GAS
P.O. BOX 1710
HOBBS, NEW MEXICO 88241-1710

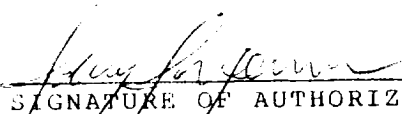
LEASE NAME AND WELL NUMBER: J. H. McCURE "B" #23

LEGAL DESCRIPTION: SEC. ¹⁹~~17~~, BLK. ¹⁹⁸⁰~~A-42~~, 2000' FNL AND ⁹⁹⁰~~840~~' FWL

COUNTY AND STATE: LEA COUNTY, NEW MEXICO

MEASURED DEPTH	COURSE LENGTH	ANGLE OF INCLINATION	DISPLACEMENT PER 100 FEET	COURSE DISPLACEMENT	ACCUMULATIVE DISPLACEMENT
263	2.63	1/4	.44	1.16	1.16
510	2.47	1/4	.44	1.09	2.25
1265	7.55	1/4	.44	3.32	5.57
1865	6.00	1-1/2	2.62	15.72	21.29
2051	1.86	3/4	1.31	2.44	23.73
2206	1.55	1-1/2	2.62	4.06	27.79
2451	2.45	2	3.49	8.55	36.34
2544	.93	2	3.49	3.25	39.59
2637	.93	3	5.23	4.86	44.45
2728	.91	2	3.49	3.18	47.63
2881	1.53	1-3/4	3.05	4.67	52.30
3035	1.54	1	1.75	2.70	55.00
3188	1.53	1	1.75	2.68	57.68
3433	2.45	2	3.49	8.55	66.23
3524	.91	2	3.49	3.18	69.41
3615	.91	2	3.49	3.18	72.59
3708	.93	2-1/4	3.93	3.65	76.24

I declare under penalties prescribed in Article 6036C, R. S. C., that I am authorized to make this certification, that I have personal knowledge of the inclination data and facts placed on both sides of this form and that such data and facts are true, correct, and complete to the best of my knowledge.



SIGNATURE OF AUTHORIZED REPRESENTATIVE
JERRY JORGENSEN - CONTROLLER
VERNA CORPORATION - ODESSA DISTRICT
(915) 381-6910

Subscribed and sworn to before me
this 11 day of June, 1982.
Janet Moore State of
Notary Public Texas
(commission expires 10-18-84)

MEASURED DEPTH	COURSE LENGTH	ANGLE OF INCLINATION	DISPLACEMENT PER 100 FEET	COURSE DISPLACEMENT	ACCUMULATIVE DISPLACEMENT
3891	1.83	2-1/2	4.36	7.98	84.22
4045	1.54	2	3.49	5.37	89.59
4263	2.18	3	5.23	7.61	97.20
4355	.92	2	3.49	3.21	100.41
4440	.94	2-1/4	3.93	3.69	104.10
4573	1.24	2-1/4	3.93	4.87	108.97
4786	2.13	2-1/4	3.93	8.37	117.34
4878	.92	2-1/4	3.93	3.62	120.96
5033	1.55	2-1/4	3.93	6.09	127.05
5189	1.56	2-1/4	3.93	6.13	133.18
5309	1.20	2	3.49	4.19	137.37
5555	2.46	1-3/4	3.05	7.50	144.87
5709	1.54	1-3/4	3.05	4.70	149.57
5956	2.47	2	3.49	8.62	158.19
6110	1.54	2	3.49	5.37	163.56
6359	2.49	1-3/4	3.05	7.59	171.15
6700	3.41	2-1/4	3.93	13.40	184.55
7053	3.53	1-3/4	3.05	10.77	195.32