

VERNA
DRILLING COMPANY
LEVELLAND

P. O. Box 1000, Levelland, Texas 79336
(806) 894-9686

DATE: MAY 14, 1980

OPERATOR: LAGUNA PETROLEUM COMPANY
ONE MARIENFELD PLACE - SUITE 370
MIDLAND, TEXAS 79701

LEASE NAME & WELL NUMBER: CUSHING "13" #1

LEGAL DESCRIPTION: SEC. 13, T-8-S, R-32-E

COUNTY & STATE: CHAVES, NEW MEXICO

MEASURED DEPTH	COURSE LENGTH	ANGLE OF INCLINATION	DISPLACEMENT PER 100 FEET	COURSE DISPLACEMENT	ACCUMULATIVE DISPLACEMENT
450	4.50	1.00	1.75	7.88	7.88
930	4.80	0.75	1.31	6.29	14.17
1,500	5.70	0.75	1.31	7.47	21.64
1,950	4.50	0.75	1.31	5.90	27.54
2,490	5.40	0.75	1.31	7.07	34.61
2,957	4.67	0.75	1.31	6.12	40.73
3,347	3.90	0.75	1.31	5.11	45.84
3,654	3.07	1.00	1.75	5.37	51.21
4,131	4.77	1.00	1.75	8.35	59.56
4,420	2.89	1.00	1.75	5.06	64.62

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.

D.C. Barlow
SIGNATURE OF AUTHORIZED REPRESENTATIVE

Subscribed and sworn to before me this
16th day of May, 1980

Sharon Humphrey Hockley
Notary Public County

(Commission expires 8-10-81)