

INCLINATION REPORT

11-Sep-89

OPERATOR: Hal J. Rassmussen Operating, Inc.
ADDRESS: 6 Desta Drive, Suite 5850
Midland, Texas 79705

WELL NAME: State "A" Account 1 No. 122
LOCATION: Section 13, T-23-S, R-36-E
Lea County, New Mexico

L 2100/8+660/W

RECORD OF INCLINATION

MEASURED DEPTH (feet)	COURSE LENGTH	ANGLE OF INCLINATION (Degrees)	DISPLACEMENT PER HUNDRED FEET (Sine of Angle X100)	COURSE DISPLACEMENT (feet)	ACCUMULATIVE DISPLACEMENT (feet)
156	156	0.50	0.88	1.37	1.37
319	163	0.75	1.31	2.14	3.50
560	241	0.50	0.88	2.11	5.61
850	290	0.50	0.88	2.54	8.15
1150	300	0.75	1.31	3.94	12.09
1445	295	0.50	0.88	2.58	14.67
1670	225	0.25	0.44	0.98	15.65
1945	275	1.00	1.75	4.81	20.47
2100	155	0.25	0.44	0.68	21.14
2260	160	0.50	0.88	1.40	22.54
2445	185	1.25	2.19	4.05	26.59
2571	126	0.25	0.44	0.55	27.14
2731	160	0.25	0.44	0.70	27.84
3196	465	1.75	3.06	14.24	42.08
3298	102	1.75	3.06	3.12	45.21
3457	159	2.50	4.38	6.96	52.16
3565	108	1.75	3.06	3.31	55.47
3700	135	2.00	3.50	4.73	60.20

Accumulative total displacement at well bore at total depth of 3,700' feet = 60.20 feet.

Inclination measurements were made in - ☐ Tubing ☐ Casing ☐ Open Hole ☒ Drill Pipe.

At no time was the subject well intentionally deviated from the vertical in any manner whatsoever.

INCLINATION DATA CERTIFICATION

I declare that I am authorized to make this certification, that I have personal knowledge of the inclination data and facts placed on this form and that such data and facts are true, correct and complete to the best of my knowledge.



Signature of Authorized Representative

M. D. MOSLEY, VICE PRESIDENT DRILLING OPERATIONS

Name of Person and Title

TOT DRILLING CORPORATION

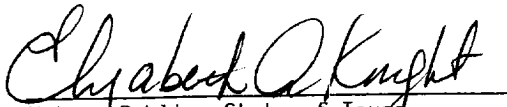
Name of Company

Telephone: (915) 367-7361 or (915) 563-1948

STATE OF TEXAS)

COUNTY OF ECTOR)

Subscribed and sworn before me this 11th Day of September, 1989.



Notary Public, State of Texas
Elizabeth A. Knight

My commission expires the 10th Day of June, 1993.