

INCLINATION REPORT

03-Apr-89

RECEIVED

OPERATOR: Meridian Oil, Inc.
ADDRESS: 21 Desta Drive
Midland, Texas 79702

WELL NAME: Apache Federal No. 3-A
LOCATION: Section 35, T-19-S, R-29-E
COUNTY/STATE: Eddy County, New Mexico

APR 17 '89

O. C. D.
ARTERIA, OFFICE

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)
359	359	1.25	2.19	7.85	7.85
811	452	0.75	1.31	5.93	13.79
1095	284	2.25	3.94	11.18	24.97
1194	99	2.00	3.50	3.47	28.43
1381	187	1.75	3.06	5.73	34.16
1800	419	3.00	5.25	22.00	56.16
1894	94	2.25	3.94	3.70	59.86
1945	51	2.00	3.50	1.79	61.64
2165	220	1.50	2.63	5.78	67.42
2664	499	1.25	2.19	10.92	78.33
2882	218	0.50	0.88	1.91	80.24
3289	407	2.00	3.50	14.25	94.49
3698	409	1.25	2.19	8.95	103.43
4169	471	2.25	3.94	18.55	121.98
4550	381	1.75	3.06	11.67	133.65

Accumulative total displacement at well bore at total depth of 4,550 feet = 133.65 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.

SEAL

M. D. Mosley
Signature of Authorized Representative

M. D. Mosley, Vice President, Drilling Operations
Name of Person and Title

IOI Drilling Corporation
Name of Company

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

Subscribed and sworn before me this 3rd
Day of April, 1989.

Elizabeth Q. Knight
Notary Public for the State of Texas
My Commission Expires June 10, 1989