

INCLINATION REPORT

27-Jul-89

RECEIVED

OPERATOR: Meridian Oil Inc.
ADDRESS: 21 Desta Drive
Midland, Texas 79705

WELL NAME: Apache Federal "A" No. 4
LOCATION: Section 35, T-19-S, R-29-E
Eddy County, New Mexico

SEP 25 '89

O. C. D.
ARTESIA, 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)
350	350	0.75	1.31	4.59	4.59
774	424	0.50	0.88	3.71	8.30
1128	354	1.50	2.63	9.29	17.60
1285	157	2.00	3.50	5.50	23.09
1503	218	1.00	1.75	3.82	26.91
1800	297	1.00	1.75	5.20	32.10
2218	418	1.75	3.06	12.80	44.91
2635	417	2.00	3.50	14.60	59.50
3201	566	2.00	3.50	19.81	79.31
3640	439	1.00	1.75	7.68	86.99
3985	345	1.00	1.75	6.04	93.03
4460	475	1.00	1.75	8.31	101.34

Accumulative total displacement at well bore at total depth of 4,550' feet = 101.34 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.

M. D. Mosley
Signature of Authorized Representative

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

TOT Drilling Corporation
Name of Company

Telephone: (915) 367-361 or (915) 563-1948

STATE OF TEXAS)

COUNTY OF ECTOR)

Subscribed and sworn before me this 27th day of July, 1989.

Elizabeth A. Knight
Notary Public, State of Texas
Elizabeth A. Knight

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

RECEIVED

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION

AT SEP 25 '89

Form C-162
Supersedes C-121
Effective 1-4-85

All distances must be from the outer boundaries of the Section.

Operator MERIDIAN OIL INC.			Lease APACHE FEDERAL			O. C. D. ARTESIA, OFFICE No.		
Unit Letter D	Section 35	Township 19-SOUTH	Range 29-EAST	County EDDY		4 "A"		
Actual Footage Location of Well: 390 feet from the NORTH line and 340 feet from the WEST line								
Ground Level Elev. 3310	Producing Formation DELAWARE		Pool PARKWAY			Dedicated Acreage: 40 Acres		

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☐ Yes ☐ No If answer is "yes," type of consolidation _____

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.

MERIDIAN OIL INC. 61582 SIETE OIL & GAS 67102		MERIDIAN OIL INC. 61582 SIETE OIL & GAS 67102	
LINEHAN & STOLTENBERG 24160		MERIDIAN OIL INC. 54865	
		KGS	
U. S.			

CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Name

Robert L. Bradshaw

Position

Sr. Staff Env./Reg. Specialist

Company

MERIDIAN OIL INC.

Date

09 June 1989

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed

JUNE 8 1989

Registered Professional Engineer and/or Land Surveyor

NO 7920

Certificate No.

7920

RECEIVED

SEP 25 '89

BENNETT-CATHEY WIRE LINE SERVICE

P. O. BOX 787 / ARTESIA, NEW MEXICO 88210 / PHONE 746-3281

O. C. D.
ARTESIA, OFFICE

TEMPERATURE SURVEY

OPERATOR MERIDIAN OIL

LEASE APACHE FED A4

WELL NO. #4

COMPANY REPRESENTATIVE JOE BRASWELL

DATE & TIME CEMENT JOB COMPLETED 2030 HRS. 7-13-89

DATE & TIME SURVEY MADE 0230 HRS. 7-14-89

SURVEY RUN BY LARRY MOSSBARGER

WELL DATA INDICATION OF CEMENT TOP AT 50 FEET (KB)

TAG TD AT 299 FEET (KB)

