HIP - 37

GENERAL CORRESPONDENCE

YEAR(S): 1992 - 1989

MERIDIAN OIL

OIL CONSERVATION DIVISION
RECEIVED

'92 JUL 14 AM 9 19

July 10, 1992

State of New Mexico
Oil Conservation Division
P.O. Box 2088
Land Office Building
Santa Fe, NM 87504-2088

ATTN: Mr. Roger C. Anderson
Environmental Engineer

Dear Mr. Anderson:

Meridian Oil Gathering Inc. is planning to hydrostatic test its 16" Trunk MD Loop and 20" Trunk MD pipelines. The pipelines tie the proposed Ute Unicon Gathering System to the Hart Canyon Compressor Station. These lines are shown on the attached map. The 16" pipeline is 26,653 feet long and the 20" is 41,736 feet long. The 16" line is presently under construction and the 20" is scheduled to kick off construction on July 13. They cross lands owned by the U.S. and managed by the BLM, as well as lands owned by the State of New Mexico and private individuals. All land owners are aware of this work and have agreed in principal to this testing plan.

All lines are constructed of steel pipe. The attached table illustrates line sizes and footages for the above mentioned trunk lines.

Both lines are being constructed by the same contractor. The trunk lines will require two hydro tests. Each line will be tested separately with a single test for each. The 16" Trunk MD Loop will require a total of 6,220 barrels of water. The 20" Trunk MD will require a total of 15,220 barrels of water.

Tests will be conducted at 95% of the specified minimum yield strength for the 16 inch and 20 inch pipelines. Duration of each test will be 8 hours.

The water used in the tests will be taken from storage tanks at a salt water disposal well. Upon completion of the tests, the water they have been using will be returned to the salt water disposal well. A typical water analysis is attached for your information.

If you have any questions, please contact myself at (505) 326-9843 or John Enochs at (505) 325-1266.

Sincerely,

Loren W. Fothergill

Loren W. Fothergill
Senior Staff Engineer

MERIDIAN OIL GATHERING, INC.
16" TRUNK MD LOOP AND 20" TRUNK MD
LINE SIZES AND FOOTAGES

LINE	SIZE (O.D.)	FOOTAGE
MD Loop	16.000	26,653
Trunk MD	20.000	41,736

API WATER ANALYSIS REPORT FORM

Laboratory No. 25-901023-3A

2y/c Nations

Company	Sample No.	Date Sampled
MERIDIAN OIL INC.		10-22-90

Field	Legal Description	County or Parish	State
	SW P #1		

Lease or Unit	Well	Depth	Formation	Water, B/D
	CEDAR HILL			

Type of Water (Produced, Supply, etc.)	Sampling Point	Sampled By
	Before filters	

DISSOLVED SOLIDS

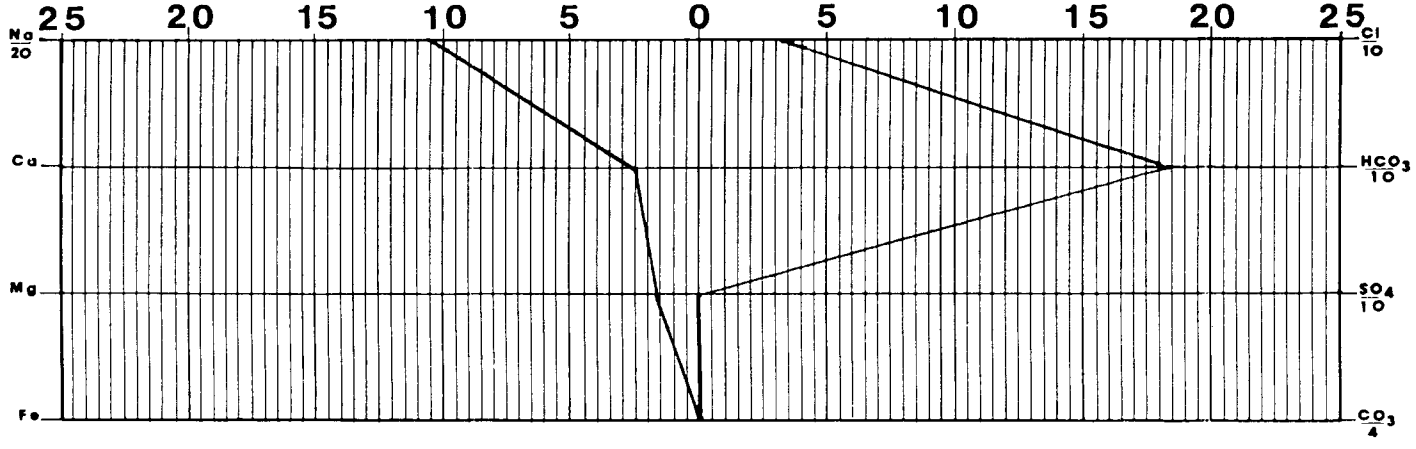
CATIONS	*mg/l*	*me/l*
Sodium, Na (calc.)	4848	210.77
Calcium, Ca	50	2.5
Magnesium, Mg	21	1.7
Barium, Ba	–	–

ANIONS		
Chloride, Cl	1121	31.64
Sulfate, So_4	–	–
Carbonate, CO_3	–	–
Bicarbonate, HCO_3	11,183	183.33

OTHER PROPERTIES

pH	7.71
Specific Gravity, 60/60 F.	1.0126
Resistivity (ohm-meters) 63.5 F.	0.91
Total Dissolved Solids (calc.)	17223
Iron, Fe (total)	–
Sulfide, as H_2S	–

REMARKS & RECOMMENDATIONS:



Date Received	Preserved	Date Analyzed	Analyzed By
23rd Oct, 1990.		24th Oct, 1990.	R.H.

TECH, Inc.
333 East Main
Farmington
New Mexico
87401
505/327-3311

MERIDIAN OIL

September 22, 1989

State of New Mexico
Oil Conservation Division
ATTN: Mr. Roger C. Anderson
P.O. Box 2088
Land Office Building
Santa Fe, NM 87504-2088

Dear Mr. Anderson:

Meridian Oil, Inc. is planning to hydrostatic test its Trunk MD which is shown on the attached map. The line is presently being constructed and crosses lands owned by the United States and managed by the BLM, owned by the State of New Mexico and owned by private individuals. All land owners are aware of this work and have agreed in principal to this testing plan.

The trunk line consists of 57,171' of 16" O.D. steel pipe, 31,768' of 10" O.D. steel pipe and 10,132' of 6" O.D. steel pipe laying in the same ditch as a portion of the 16" pipe.

The system will be tested in six sections beginning at the Val Verde pigging facility and moving north using 7,300 BBLS of water. The fresh water used for testing will be taken from an irrigation canal in Bloomfield using the company's allotment and transported by truck to portable storage tanks located at Val Verde. This water will be pumped from the tanks into the pipeline following a line scraper. When the first section is full (7,300 BBLS) it will be pressure tested to 90% of specified minimum yield strength for eight hours.

The water will then be moved forward in the pipeline by placing a trailing scraper behind the water and using compressed air to propel the water. This procedure will be used to move the water to the north end of the pipeline. Each section will be pressure tested to 90% SMYS before the water is moved.

At the completion of the hydrostatic testing of all the pipeline sections the water will be pumped into temporary storage tanks and then loaded into trucks for transport to a company disposal well; the McGrath No. 4, Unit B located in Section 34, T30N, R12W. Since fresh water will be used for the test and none will be released, no water valves are included.

If you have any questions, please contact me or Gerry Brower at (505)326-9843.

Sincerely,

Loren W Fothergill

Loren W. Fothergill
Senior Staff Engineer

GTB/dj

xc: G.T. Brower
W.L. Arnold

TRUNK MD

Section 5 10"

Section 4 10"

Section 3 16"

Section 2 16"

Section 1 16"

HART CANYON

TRUNK MC

TRUNK MB

TRUNK MA

ANIMAS RIVER

SAN JUAN RIVER

U.S. HWY. 550

STATE HWY. 173

U.S. HWY. 64

STATE HWY. 44

CEDAR HILL

VAL VERDE

BLOOMFIELD

R.11 W.
R.10 W.

T.32 N.
T.31 N.

T.31 N.
T.30 N.

T.30 N.
T.29 N.