

TRILOBITE TESTING, L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Drill-Stem Test Data

Well Name MLP NICEWANDER A #1 Test No. 1 Date 6/8/94
Company OXY USA, INC. Zone MORROW
Address PO BOX 26100 OKLAHOMA CITY OK 73126 Elevation 3120
Co. Rep./Geo. TRACY FREELING Cont. CHEYENNE #5 Est. Ft. of Pay _____
Location: Sec. 35 Twp. 29S Rge. 35W Co. GRANT State KS

Interval Tested 5304-5377 Drill Pipe Size 4.5" XH
Anchor Length 73 Wt. Pipe I.D. - 2.7 Ft. Run _____
Top Packer Depth 5299 Drill Collar - 2.25 Ft. Run 681
Bottom Packer Depth 5304 Mud Wt. 8.8 lb/Gal.
Total Depth 5377 Viscosity 48 Filtrate 9.6

Tool Open @ 5:05AM Initial Blow WEAK SURFACE BLOW STEADY THROUGHOUT

Final Blow SURGE BLOW @ OPEN DIED IMMEDIATELY - NO RETURN

Recovery - Total Feet 60 Flush Tool? NO

Rec. 60 Feet of DRILLING MUD
Rec. _____ Feet of _____
Rec. _____ Feet of _____
Rec. _____ Feet of _____
Rec. _____ Feet of _____

BHT 127 °F Gravity _____ °API @ _____ °F Corrected Gravity _____ °API
RW _____ @ _____ °F Chlorides _____ ppm Recovery Chlorides 700 ppm System

(A) Initial Hydrostatic Mud 2491.1 PSI AK1 Recorder No. 13309 Range 4700

(B) First Initial Flow Pressure 80.6 PSI @ (depth) 5341 w / Clock No. 19960

(C) First Final Flow Pressure 80.6 PSI AK1 Recorder No. 13339 Range 4025

(D) Initial Shut-in Pressure 112.7 PSI @ (depth) 5372 w / Clock No. 22992

(E) Second Initial Flow Pressure 80.6 PSI AK1 Recorder No. _____ Range _____

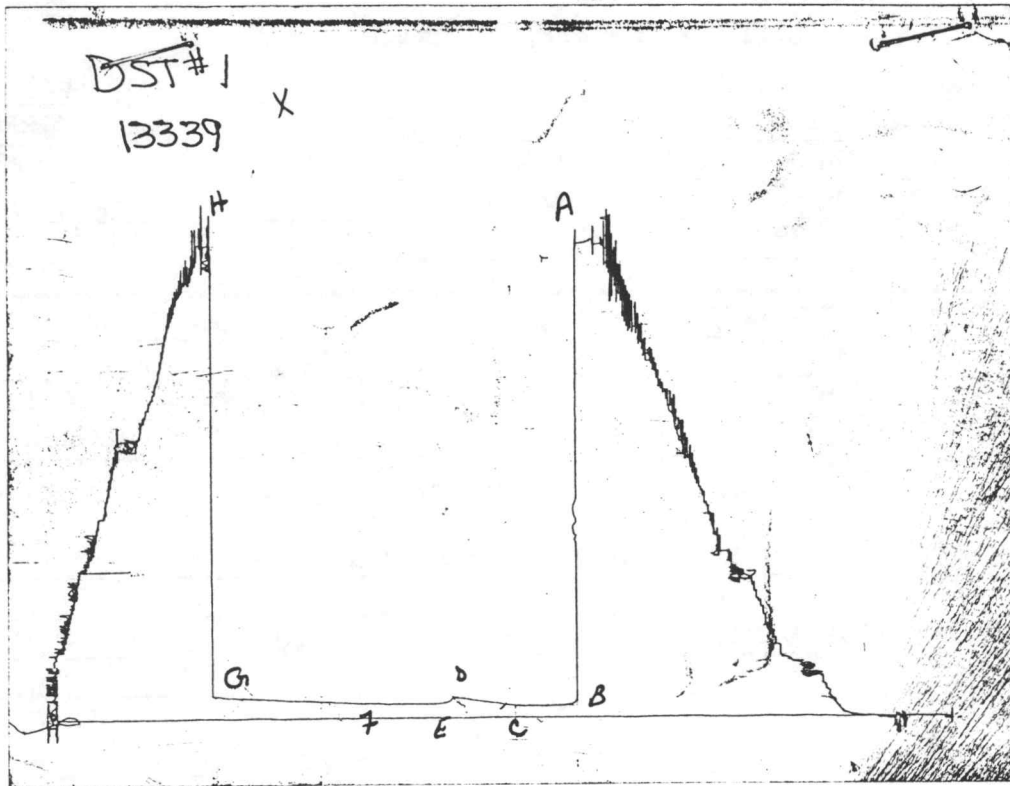
(F) Second Final Flow Pressure 80.6 PSI @ (depth) _____ w / Clock No. _____

(G) Final Shut-in Pressure 112.7 PSI Initial Opening 30 Final Flow 60

(H) Final Hydrostatic Mud 2477.9 PSI Initial Shut-in 60 Final Shut-in 120

Our Representative ROD STEINBRINK

CHART PAGE



This is an actual photograph of recorder chart

	FIELD READING	OFFICE READING
(A) INITIAL HYDROSTATIC MUD	2483	2491.1
(B) FIRST INITIAL FLOW PRESSURE	83	80.6
(C) FIRST FINAL FLOW PRESSURE	83	80.6
(D) INITIAL CLOSED-IN PRESSURE	114	112.7
(E) SECOND INITIAL FLOW PRESSURE	83	80.6
(F) SECOND FINAL FLOW PRESSURE	83	80.6
(G) FINAL CLOSED-IN PRESSURE	114	112.7
(H) FINAL HYDROSTATIC MUD	2473	2477.9

FLUID SAMPLER DATA

Ticket No.: 7073 Date: 6/8/94
Company: OXY USA, INC.
Lease: MLP NICEWANDER A #1 Test No.: 1
County: GRANT Sec.: 35 Twp.: 29S Rng.: 35W

SAMPLER RECOVERY

Gas
Oil
Mud 4000
Water
Other
Pressure 60
TOTAL 4000

PIT MUD ANALYSIS

Chlorides 700
Resistivity ohms@ F
Viscosity 48
Mud Wt. 8.8
Filtrate 9.6
Other

SAMPLER ANALYSIS

Resistivity 7.5 ohms@ 70 F
Chlorides 700 ppm.
Gravity corrected @60F

PIPE RECOVERY

TOP

Resistivity ohms@ F
Chlorides ppm

MIDDLE

Resistivity ohms@ F
Chlorides ppm

BOTTOM

Resistivity 7.5 ohms@ 70 F
Chlorides 700 ppm

TRILOBITE TESTING L.L.C.

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FLUID SAMPLER DATA

Ticket No. 7073 Date 6-8-94
Company Name OKY USA, Inc. Cont. Cheyenne #5
Lease MLP Nicewander A#1 Test No. 1 Morrow
County Grant KS. Sec. 35 Twp. 29^S Rng. 35^W

SAMPLER RECOVERY

Gas _____ ML
Oil _____ ML
Mud 4,000 ML
Water _____ ML
Other _____ ML
Pressure 60[#] PSI
Total 4,000 ML

PIT MUD ANALYSIS

Chlorides 700 ppm.
Resistivity _____ ohms @ _____ F
Viscosity 48
Mud Weight 8.8
Filtrate 9.6
Other L.C.M. 2#/bbl.

SAMPLER ANALYSIS

Resistivity 7.5 ohms @ 70° F
Chlorides 700 ppm.
Gravity _____ corrected @ 60 F

PIPE RECOVERY

TOP
Resistivity _____ ohms @ _____ F
Chlorides _____ ppm.

MIDDLE
Resistivity _____ ohms @ _____ F
Chlorides _____ ppm.

BOTTOM
Resistivity 7.5 ohms @ 70° F
Chlorides 700 ppm.

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Drill-Stem Test Data

Well Name MLP NICEWANDER A #1 Test No. 2 Date 6/9/94
Company OXY USA, INC. Zone MIDDLE MORRO
Address PO BOX 26100 OKLAHOMA CITY OK 73126 Elevation 3120
Co. Rep./Geo. TRACY FREELING Cont. CHEYENNE #5 Est. Ft. of Pay _____
Location: Sec. 35 Twp. 29S Rge. 35W Co. GRANT State KS

Interval Tested	<u>5454-5477</u>	Drill Pipe Size	<u>4.5" XH</u>
Anchor Length	<u>23</u>	Wt. Pipe I.D. - 2.7 Ft. Run	_____
Top Packer Depth	<u>5449</u>	Drill Collar - 2.25 Ft. Run	<u>709</u>
Bottom Packer Depth	<u>5454</u>	Mud Wt.	<u>8.6</u> lb/Gal.
Total Depth	<u>5477</u>	Viscosity	<u>36</u> Filtrate <u>9.6</u>

Tool Open @ 11:10AM Initial Blow BRIDGED OFF 25' OFF BOTTOM OPENED TOOL - SLID TO
BOTTOM 3" BLOW SURGING DECREASED TO 2"
Final Blow NO RETURN BLOW AT OPEN PULLED TOOL PER COMPANY ORDERS

Recovery - Total Feet 700 Flush Tool? NO

Rec. 700 Feet of DRILLING MUD
Rec. _____ Feet of _____
Rec. _____ Feet of _____
Rec. _____ Feet of _____
Rec. _____ Feet of _____

BHT 128 °F Gravity _____ °API @ _____ °F Corrected Gravity _____ °API
RW _____ @ _____ °F Chlorides _____ ppm Recovery Chlorides _____ ppm System

(A) Initial Hydrostatic Mud 2523.0 PSI AK1 Recorder No. 13309 Range 4700

(B) First Initial Flow Pressure _____ PSI @ (depth) 5446 w / Clock No. 22992

(C) First Final Flow Pressure _____ PSI AK1 Recorder No. 13339 Range 4025

(D) Initial Shut-in Pressure _____ PSI @ (depth) 5472 w / Clock No. 19960

(E) Second Initial Flow Pressure _____ PSI AK1 Recorder No. _____ Range _____

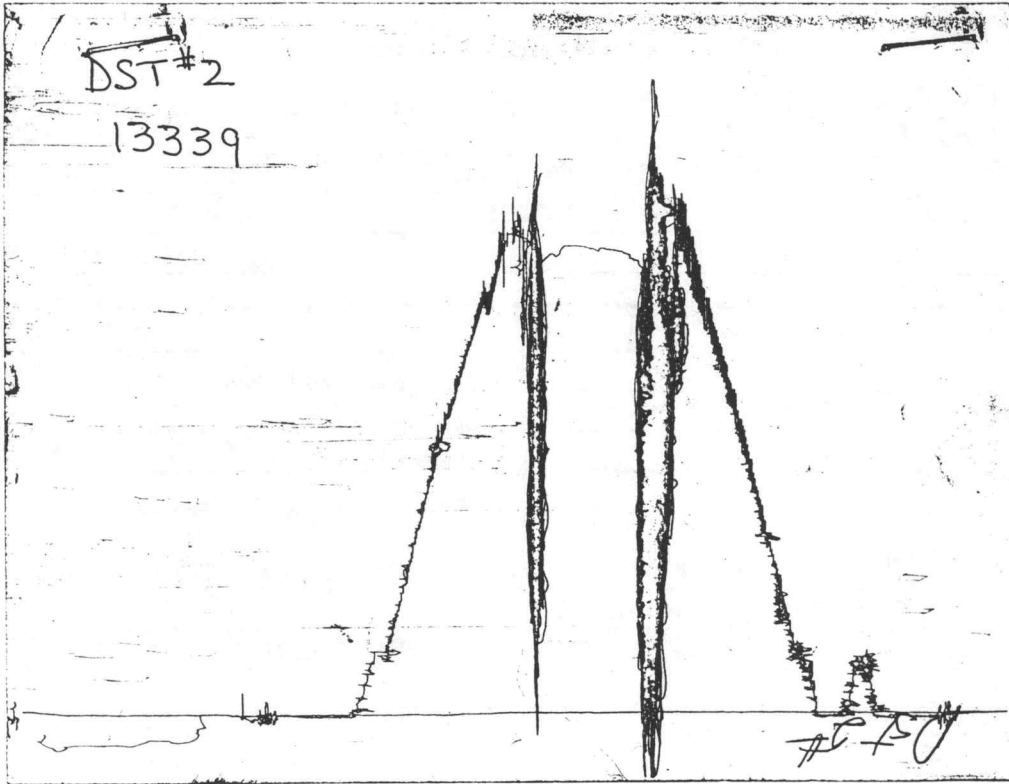
(F) Second Final Flow Pressure _____ PSI @ (depth) _____ w / Clock No. _____

(G) Final Shut-in Pressure _____ PSI Initial Opening 30 Final Flow _____

(H) Final Hydrostatic Mud 2513.0 PSI Initial Shut-in 60 Final Shut-in _____

Our Representative ROD STEINBRINK

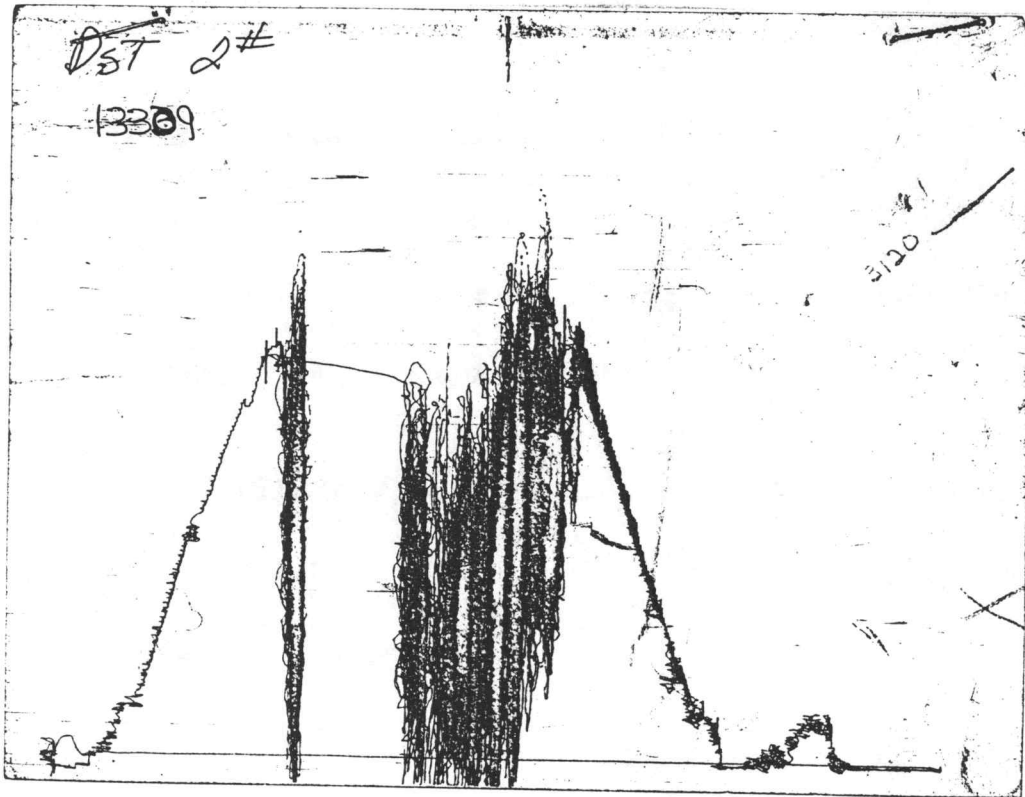
CHART PAGE



This is an actual photograph of recorder chart

	FIELD READING	OFFICE READING
(A) INITIAL HYDROSTATIC MUD	2523	2523
(B) FIRST INITIAL FLOW PRESSURE		
(C) FIRST FINAL FLOW PRESSURE		
(D) INITIAL CLOSED-IN PRESSURE		
(E) SECOND INITIAL FLOW PRESSURE		
(F) SECOND FINAL FLOW PRESSURE		
(G) FINAL CLOSED-IN PRESSURE		
(H) FINAL HYDROSTATIC MUD	2513	2513

CHART PAGE



This is an actual photograph of recorder chart

	FIELD READING	OFFICE READING
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(A) INITIAL HYDROSTATIC MUD	2523	2523
(B) FIRST INITIAL FLOW PRESSURE		
(C) FIRST FINAL FLOW PRESSURE		
(D) INITIAL CLOSED-IN PRESSURE		
(E) SECOND INITIAL FLOW PRESSURE		
(F) SECOND FINAL FLOW PRESSURE		
(G) FINAL CLOSED-IN PRESSURE		
(H) FINAL HYDROSTATIC MUD	2513	2513

FLUID SAMPLER DATA

Ticket No.: 7074 Date: 6/9/94
Company: OXY USA, INC.
Lease: MLP NICEWANDER A #1 Test No.: 2
County: GRANT Sec.: 35 Twp.: 29S Rng.: 35W

SAMPLER RECOVERY

Gas
Oil
Mud 4000
Water
Other
Pressure 200
TOTAL 4000

PIT MUD ANALYSIS

Chlorides 1000
Resistivity ohms@ F
Viscosity 36
Mud Wt. 8.6
Filtrate 9.6
Other

SAMPLER ANALYSIS

Resistivity ohms@ F
Chlorides ppm.
Gravity corrected @60F

PIPE RECOVERY

TOP

Resistivity ohms@ F
Chlorides ppm

MIDDLE

Resistivity ohms@ F
Chlorides ppm

BOTTOM

Resistivity ohms@ F
Chlorides ppm

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FLUID SAMPLER DATA

Ticket No. 7074 Date 6-9-94
Company Name DXY USA, Inc. Cont. Cheyenne #5
Lease MLP Nicewander #A1 Test No. 2 Middle Morrow
County Grant KS. Sec. 35 Twp. 29^S Rng. 35^W

SAMPLER RECOVERY

Gas _____ ML
Oil _____ ML
Mud 4,000 ML
Water _____ ML
Other _____ ML
Pressure 200[#] PSI
Total 4,000 ML

PIT MUD ANALYSIS

Chlorides 1,000 ppm.
Resistivity _____ ohms @ _____ F
Viscosity 36
Mud Weight 8.6
Filtrate 9.6
Other L.C.M. 2[#] / bbl.

SAMPLER ANALYSIS

Resistivity _____ ohms @ _____ F
Chlorides _____ ppm.
Gravity _____ corrected @ 60 F

PIPE RECOVERY

TOP
Resistivity _____ ohms @ _____ F
Chlorides _____ ppm.
MIDDLE
Resistivity _____ ohms @ _____ F
Chlorides _____ ppm.
BOTTOM
Resistivity _____ ohms @ _____ F
Chlorides _____ ppm.