



DIAMOND TESTING

P.O. Box 157

HOISINGTON, KANSAS 67544

(520) 553-7550 • (800) 542-7313

CONFIDENTIAL

JAN 15 2003
KCC WICHITA

Page 1 of 2 Pages

ORIGINAL

Company MTM Petroleum, Inc. Lease & Well No. Witters No. 1

Elevation 1317 KB Formation Mississippi Effective Pay -- Ft. Ticket No. 1690

Date 12-28-02 Sec. 28 Twp. 33S Range 6W County Harper State Kansas

Test Approved By Jerry A. Smith Diamond Representative Roger D. Friedly

Formation Test No. 1 Interval Tested from 4,453 ft. to 4,480 ft. Total 27 ft.

Packer Depth 4,448 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Packer Depth 4,453 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Depth of Selective Zone Set -- ft.

Top Recorder Depth (Inside) 4,433 ft. Recorder Number Elec. Cap. 5,000 psi

Bottom Recorder Depth (Outside) 4,477 ft. Recorder Number 13387 Cap. 4,000 psi

Below Straddle Recorder Depth -- ft. Recorder Number -- Cap. -- psi

Drilling Contractor Duke Drilling Co., Inc. - Rig 2 Drill Collar Length -- ft. I.D. -- in.

Mud Type Chemical Viscosity 42 Weight Pipe Length -- ft. I.D. -- in.

Weight 9.5 Water Loss 12.8 cc. Drill Pipe Length 4,421 ft. I.D. 3 1/2 in.

Chlorides 5,600 P.P.M. Test Tool Length 32 ft. Tool Size 3 1/2 - IF in.

Jars: Make Bowen Serial Number 1 Anchor Length 27 ft. Size 4 1/2 - FH in.

Did Well Flow? No Reversed Out No Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2 - XH in.

Blow: 1st Open: Strong blow. Off bottom of bucket immediately. No blow back during shut-in.

2nd Open: Strong blow. Off bottom of bucket immediately. No blow back during shut-in.

Recovered 3,410 ft. of gas in pipe

Recovered 63 ft. of drilling mud with a few oil specks on top = .466200 bbls.

Recovered 63 ft. of TOTAL FLUID = .466200 bbls.

Recovered -- ft. of

Recovered -- ft. of

Remarks --

RELEASED

MAR 15 2004

FROM CONFIDENTIAL

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Time Set Packer(s) 6:19 ~~XXXX~~ P.M. Time Started Off Bottom 9:19 ~~XXXX~~ P.M. Maximum Temperature 130°

Initial Hydrostatic Pressure (A) 2197 P.S.I.

Initial Flow Period Minutes 30 (B) 14 P.S.I. to (C) 23 P.S.I.

Initial Closed In Period Minutes 60 (D) 1081 P.S.I.

Final Flow Period Minutes 30 (E) 27 P.S.I. to (F) 36 P.S.I.

Final Closed In Period Minutes 60 (G) 938 P.S.I.

Final Hydrostatic Pressure (H) 2123 P.S.I.



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FLUID SAMPLE DATA

Company MTM Petroleum, Inc.
Lease & Well No. Witters No. 1
Date 12-28-02 Sec. 28 Twp. 33 S Range 6 W
Formation Test No. 1 Interval Tested From 4,453 ft. to 4,480 ft. Total Depth 4,480 ft.
Formation Mississippi

	<u>MUD PIT</u>	<u>RECOVERY</u>
Viscosity	<u>42</u> CP	<u>62</u> CP
Weight	<u>9.5</u>	<u>9.4</u>
Water Loss	<u>12.8</u> CC	<u>12.0</u> CC
PH Factor	<u>10.5</u>	<u>10.5</u>

	<u>RESISTIVITY</u>	<u>CHLORIDE CONTENT</u>
Recovery Water	<u>--</u> @ <u>--</u> °F. <u>--</u> ppm	
Recovery Mud	<u>1.00</u> @ <u>56</u> °F. <u>7,800</u> ppm	
Recovery Mud Filtrate	<u>1.10</u> @ <u>58</u> °F. <u>7,000</u> ppm	
Mud Pit Sample	<u>.92</u> @ <u>58</u> °F. <u>8,000</u> ppm	
Mud Pit Sample Filtrate	<u>1.00</u> @ <u>60</u> °F. <u>7,200</u> ppm	

Sample Taken By ROGER D. FRIEDLY

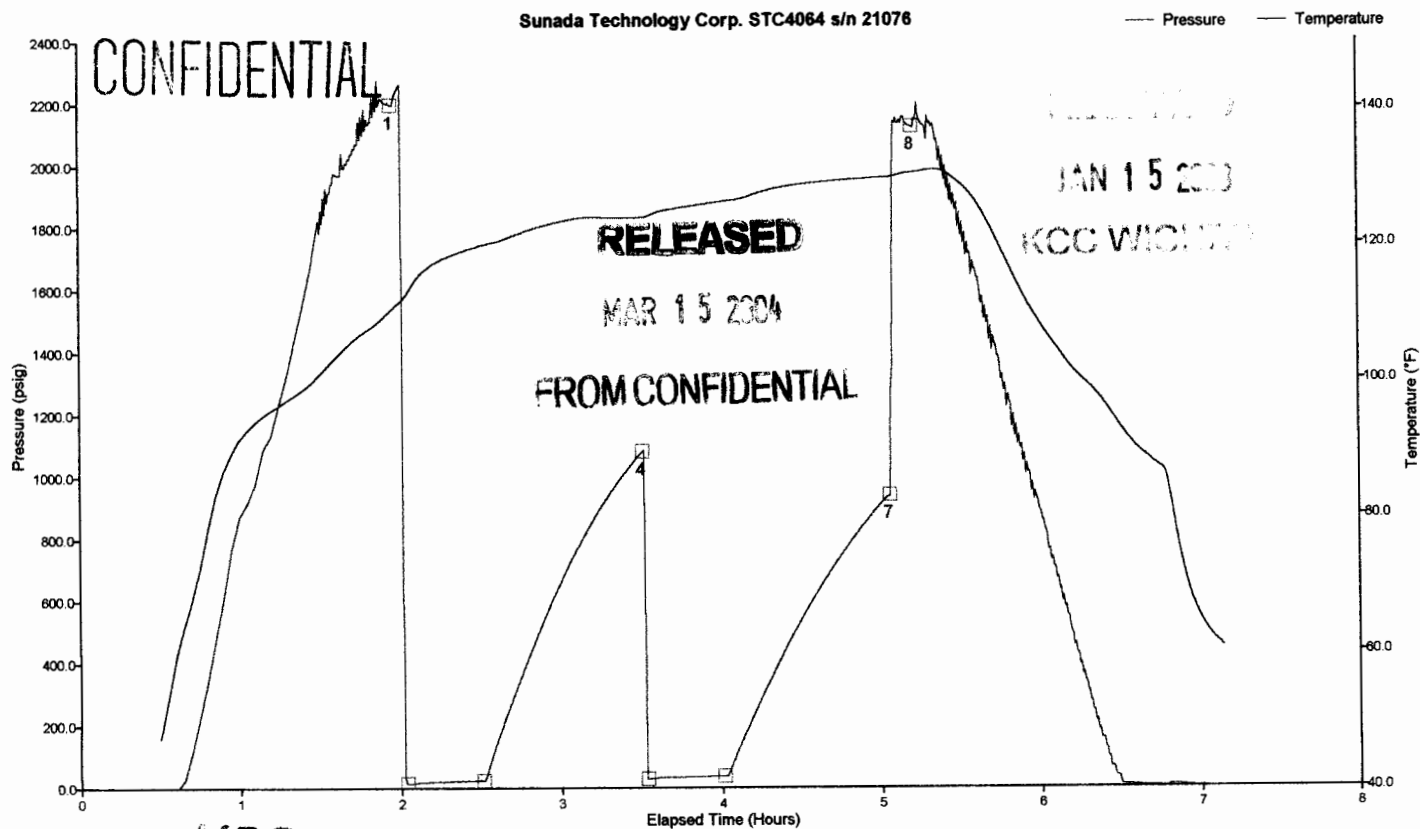
Witness By Jerry A. Smith

Remarks Pit filtrate triton dish chlorides were 5,600 Ppm
Recovery filtrate triton dish chlorides were 5,500 Ppm

Well LSD: DST #1 MISS 4453'-4480'
 Well Name: WITTERS 1
 Company: MTM PETROLEUM INC
 Battery on: Dec 28, 2002 at 16:18:00
 Notes: RECOVERED 63' DM WITH 3410' GAS IN PIPE.

ORIGINAL

Sunada Technology Corp. STC4064 s/n 21076



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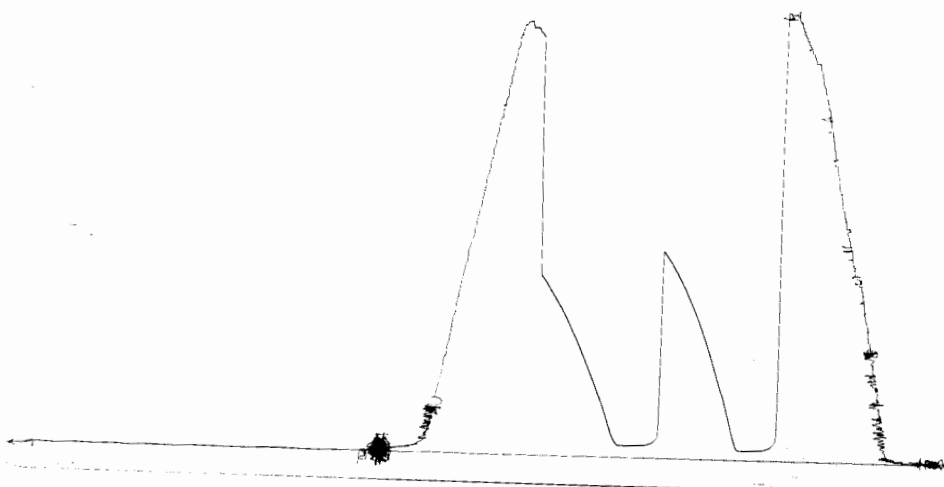
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	Tag	Pressure	Temperature	Comment
1	2196.85	psig	110.62 °F	2002-12-28 18:15:30
2	14.11	psig	112.51 °F	2002-12-28 18:20:30
3	23.07	psig	119.96 °F	2002-12-28 18:49:00
4	1080.91	psig	124.01 °F	2002-12-28 19:49:00
5	26.95	psig	124.09 °F	2002-12-28 19:50:30
6	36.26	psig	126.32 °F	2002-12-28 20:19:00
7	937.98	psig	129.87 °F	2002-12-28 21:21:30
8	2123.44	psig	130.56 °F	2002-12-28 21:30:30

DST # 1 Outside 13387
Clock

Miss

4453-4480.
Loc 4477



This is an actual photograph of recorder chart.

POINT	PRESSURE	
	Field Reading	Elec. Office Reading
(A) Initial Hydrostatic Mud	2197	2197
(B) First Initial Flow Pressure.....	14	14
(C) First Final Flow Pressure	23	23
(D) Initial Closed-in Pressure	1081	1081
(E) Second Initial Flow Pressure.....	27	27
(F) Second Final Flow Pressure.....	36	36
(G) Final Closed-in Pressure.....	938	938
(H) Final Hydrostatic Mud	2123	2123

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JAN 15 2003
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Company MTM Petroleum, Inc. Lease & Well No. Witters No. 1

Elevation 1317 KB Formation Simpson Effective Pay -- Ft. Ticket No. 1691

Date 12-30-02 Sec. 28 Twp. 33S Range 6W County Harper State Kansas

Test Approved By Jerry A. Smith Diamond Representative Roger D. Friedly

Formation Test No. 2 Interval Tested from 4,907 ft. to 4,918 ft. **RELEASED** **RELEASED** 4,918 ft.

Packer Depth 4,902 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Packer Depth 4,907 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in. **MAR 15 2004** **15 2004**

Depth of Selective Zone Set -- ft.

Top Recorder Depth (Inside) 4,888 ft. Recorder Number Elec. Cap. 5,000 psi

Bottom Recorder Depth (Outside) 4,915 ft. Recorder Number 13387 Cap. 4,000 psi

Below Straddle Recorder Depth -- ft. Recorder Number -- Cap. -- psi

Drilling Contractor Duke Drilling Co., Inc. - Rig 2 Drill Collar Length -- ft. I.D. -- in.

Mud Type Chemical Viscosity 46 Weight Pipe Length -- ft. I.D. -- in.

Weight 9.45 Water Loss 10.0 cc. Drill Pipe Length 4,875 ft. I.D. 3 1/2 in.

Chlorides 5,000 P.P.M. Test Tool Length 32 ft. Tool Size 3 1/2 - IF in.

Jars: Make Bowen Serial Number 1 Anchor Length 11 ft. Size 4 1/2 - FH in.

Did Well Flow? No Reversed Out No Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2 - XH in.

Blow: 1st Open: Weak, $\frac{1}{2}$ in., blow increasing. Off bottom of bucket in 28 $\frac{1}{2}$ mins. Weak surface blow back during shut-in.

2nd Open: Weak, surface blow increasing to 10 ins. Weak surface blow back during shut-in.

Recovered 139 ft. of gas in pipe

Recovered 45 ft. of watery mud = .333000 bbls. (Grind out: 42%-water; 58%-mud)

Recovered 186 ft. of saltwater = 1.376400 bbls.

Recovered 231 ft. of TOTAL FLUID = 1.709400 bbls.

Recovered -- ft. of --

Remarks Tool Sample Grindout: all water with some free oil specks

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Time Set Packer(s) 12:18 ~~XXX~~ P.M. Time Started Off Bottom 3:18 ~~XXX~~ P.M. Maximum Temperature 150°

Initial Hydrostatic Pressure (A) 2422 P.S.I.

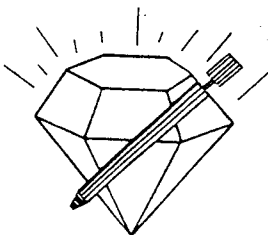
Initial Flow Period Minutes 30 (B) 11 P.S.I. to (C) 60 P.S.I.

Initial Closed In Period Minutes 60 (D) 1980 P.S.I.

Final Flow Period Minutes 30 (E) 69 P.S.I. to (F) 117 P.S.I.

Final Closed In Period Minutes 60 (G) 1976 P.S.I.

Final Hydrostatic Pressure (H) 2352 P.S.I.



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FLUID SAMPLE DATA

Company MTM Petroleum, Inc.
Lease & Well No. Witters No. 1
Date 12-30-02 Sec. 28 Twp. 33 S Range 6 W
Formation Test No. 2 Interval Tested From 4,907 ft. to 4,918 ft. Total Depth 4,918 ft.
Formation Simpson

	<u>MUD PIT</u>	<u>RECOVERY</u>	
Viscosity	<u>46</u> CP	<u>--</u> CP	Too watery
Weight	<u>9.45</u>	<u>--</u>	
Water Loss	<u>10.0</u> CC	<u>--</u> CC	Water
PH Factor	<u>10.0</u>	<u>--</u>	<u>6.0</u>

	<u>RESISTIVITY</u>	<u>CHLORIDE CONTENT</u>
Recovery Water	<u>.08</u> @ <u>54</u> °F.	<u>124,000</u> ppm
Recovery Mud	<u>--</u> @ <u>--</u> °F.	<u>--</u> ppm
Recovery Mud Filtrate	<u>--</u> @ <u>--</u> °F.	<u>--</u> ppm
Mud Pit Sample	<u>1.10</u> @ <u>58</u> °F.	<u>6,800</u> ppm
Mud Pit Sample Filtrate	<u>1.20</u> @ <u>58</u> °F.	<u>6,000</u> ppm

Sample Taken By ROGER D. FRIEDLY

Witness By Jerry A. Smith

Remarks Pit filtrate triton dish chlorides were 5,000 Ppm
Recovery water dish chlorides were 112,000 Ppm

Well LSD: DST #2 SIMPSON 4907'--4918'

Well Name: WITTERS 1 DST 2

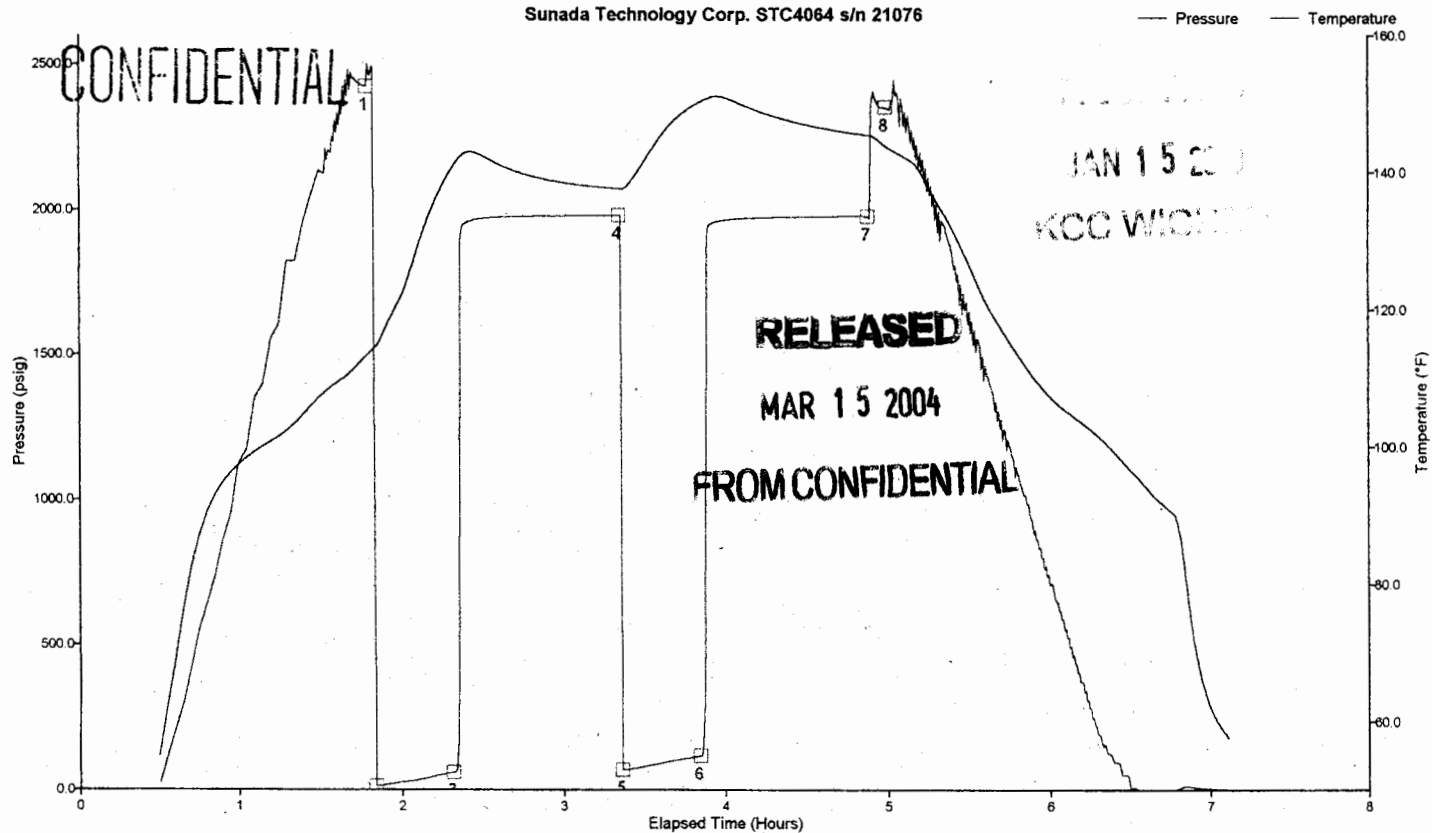
Company: MTM PETROLEUM INC

Battery on: Dec 30, 2002 at 10:28:00

Notes: RECOVERED 45' WM, 186' SW WITH 139' GAS IN PIPE.

ORIGINAL

Sunada Technology Corp. STC4064 s/n 21076



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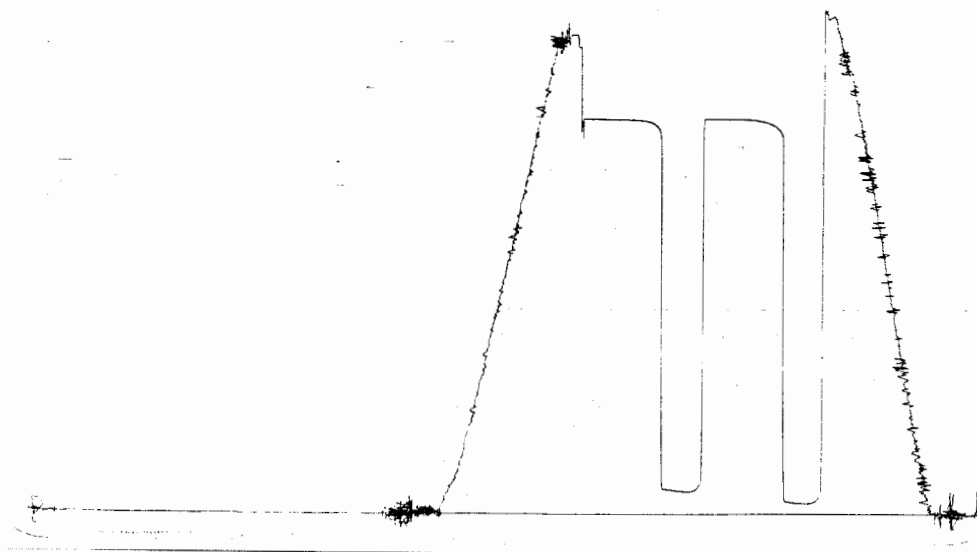
JAN 13 2003

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Tag	Pressure	Temperature	Comment
1	2421.74 psig	113.30 °F	2002-12-30 12:15:30
2	10.97 psig	114.49 °F	2002-12-30 12:18:30
3	60.09 psig	140.62 °F	2002-12-30 12:47:00
4	1979.53 psig	137.60 °F	2002-12-30 13:49:00
5	69.42 psig	137.58 °F	2002-12-30 13:50:00
6	117.31 psig	150.27 °F	2002-12-30 14:19:00
7	1975.87 psig	145.42 °F	2002-12-30 15:21:00
8	2351.83 psig	143.81 °F	2002-12-30 15:27:30

DST # 2 outside 13387
clock SIMPSON

4902-4918
Loc 4915



This is an actual photograph of recorder chart.

POINT	PRESSURE	
	Field Reading	Elec. Office Reading
(A) Initial Hydrostatic Mud	2422	2422
(B) First Initial Flow Pressure	11	11
(C) First Final Flow Pressure	60	60
(D) Initial Closed-in Pressure	1980	1980
(E) Second Initial Flow Pressure	69	69
(F) Second Final Flow Pressure	117	117
(G) Final Closed-in Pressure	1976	1976
(H) Final Hydrostatic Mud	2352	2352