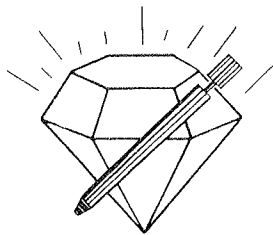


15-195-22259

33-15s-23w



DIAMOND TESTING

P.O. Box 157

HOISINGTON, KANSAS 67544

(620) 653-7550 • (800) 542-7313

STC 21098. D06

Company Ritchie Exploration, Inc. Lease & Well No. _____ Somy No. 1

Elevation 2427 KB Formation Fort Scott Effective Pay -- Ft. Ticket No. 1896

Date 7-27-04 Sec. 33 Twp. 15S Range 23W County _____ Trego State Kansas

Test Approved By Gary F. Gensch Diamond Representative Roger D. Friedly

Formation Test No. 1 Interval Tested from 4,269 ft. to 4,321 ft. Total Depth 4,321 ft.

Packer Depth 4,264 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Packer Depth 4,269 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Depth of Selective Zone Set _____ ft.

Top Recorder Depth (Inside) 4,257 ft. Recorder Number 21098 Cap. 5,000 psi

Bottom Recorder Depth (Outside) 4,318 ft. Recorder Number 13387 Cap. 4,000 psi

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

Drilling Contractor L.D. Drilling, Inc. - Rig 1 Drill Collar Length -- ft. I.D. -- in.

Mud Type Chemical Viscosity 47 Weight Pipe Length -- ft. I.D. -- in.

Weight 9.5 Water Loss 10.4 cc. Drill Pipe Length 4,244 ft. I.D. 3 1/2 in.

Chlorides 3,000 P.P.M. Test Tool Length 25 ft. Tool Size 3 1/2 - IF in.

Jars: Make Bowen Serial Number Not Run Anchor Length 52 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, 1/8 in., blow throughout.
2nd Open: No blow.

Recovered 1 ft. of drilling mud = .010260 bbls.

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Remarks Tool Sample Grind Out: 2%-oil; 98%-mud

Time Set Packer(s) 10:42 ~~P.M.~~ ^{A.M.} Time Started Off Bottom 12:42 ~~P.M.~~ ^{P.M.} Maximum Temperature 114°

Initial Hydrostatic Pressure (A) 2088 P.S.I.

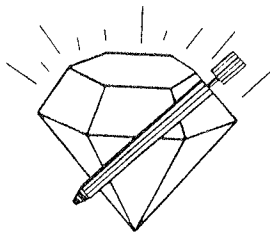
Initial Flow Period Minutes 30 (B) 2 P.S.I. to (C) 8 P.S.I.

Initial Closed In Period Minutes 30 (D) 70 P.S.I.

Final Flow Period Minutes 30 (E) 7 P.S.I. to (F) 8 P.S.I.

Final Closed In Period Minutes 30 (G) 31 P.S.I.

Final Hydrostatic Pressure (H) 2076 P.S.I.



DIAMOND TESTING
P. O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313

Page 2 of 3 Pages

FLUID SAMPLE DATA

Company Ritchie Exploration, Inc.
Lease & Well No. Somy No. 1
Date 7-27-04 Sec. 33 Twp. 15 S Range 23 W
Formation Test No. 1 Interval Tested From 4,269 ft. to 4,321 ft. Total Depth 4,321 ft.
Formation Fort Scott

	<u>MUD PIT</u>	<u>RECOVERY</u>
Viscosity	<u>47</u> CP	<u>54</u> CP
Weight	<u>9.5</u>	<u>9.5</u>
Water Loss	<u>10.4</u> CC	<u>10.4</u> CC
PH Factor	<u>9.0</u>	<u>9.0</u>

	<u>RESISTIVITY</u>	<u>CHLORIDE CONTENT</u>
Recovery Water	<u>--</u> @ <u>--</u> °F.	<u>--</u> ppm
Recovery Mud	<u>1.10</u> @ <u>85</u> °F.	<u>4,500</u> ppm
Recovery Mud Filtrate	<u>1.08</u> @ <u>88</u> °F.	<u>4,500</u> ppm
Mud Pit Sample	<u>1.40</u> @ <u>78</u> °F.	<u>3,800</u> ppm
Mud Pit Sample Filtrate	<u>1.40</u> @ <u>88</u> °F.	<u>3,500</u> ppm

Sample Taken By ROGER D. FRIEDLY

Witness By Gary F. Gensch

Remarks Pit filtrate triton dish chlorides were 3,000 Ppm

Recovery filtrate triton dish chlorides were 3,800 Ppm

GENERAL INFORMATION

Client Information:

Company: RITCHIE EXPLORATION, INC.
Contact: CRAIL CAULK
Phone: Fax: e-mail:

Site Information:

Contact: GARY GENSCH
Phone: Fax: e-mail:

Well Information:

Name: SOMY #1
Operator: RITCHIE EXPLORATION, INC.
Location-Downhole: DST #1 FT SCOTT 4,269' - 4,321'
Location-Surface: SEC 33-15S023W TREGO COUNTY

Test Information:

Company: DIAMOND TESTING
Representative: ROGER D. FRIEDLY
Supervisor: GARY GENSCH
Test Type: CONVENTIONAL Job Number:
Test Unit: NO 1
Start Date: 2004/07/27 Start Time: 08:41:00
End Date: 2004/07/27 End Time: 14:18:10
Report Date: Prepared By:
Remarks: Qualified By:

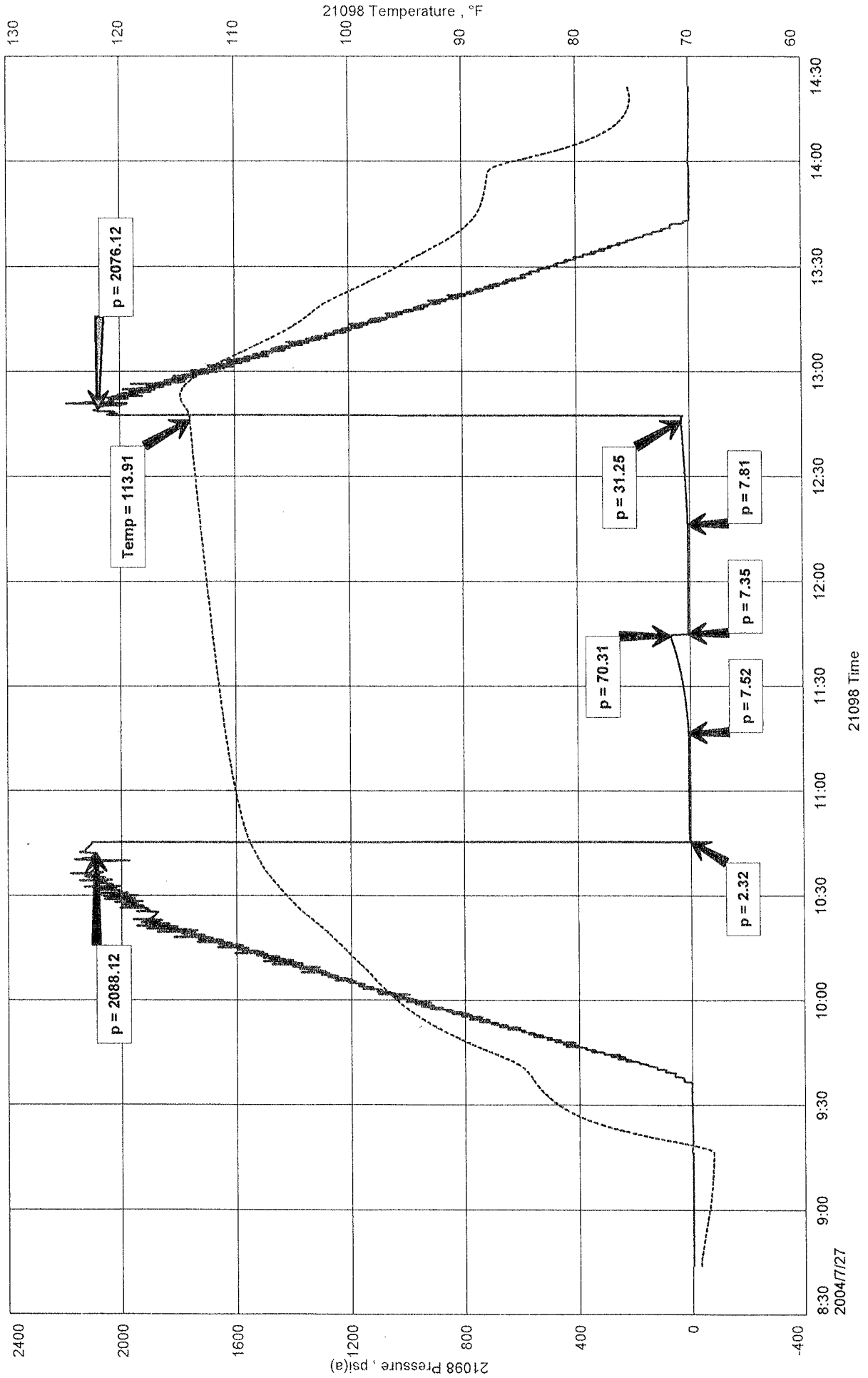
RECOVERED 1' DM

TOOL SAMPLE 2% OIL, 98% MUD.

RITCHIE EXPLORATION, INC.
DST #1 FT SCOTT 4,269' - 4,321'
Start Test Date: 2004/07/27
Final Test Date: 2004/07/27

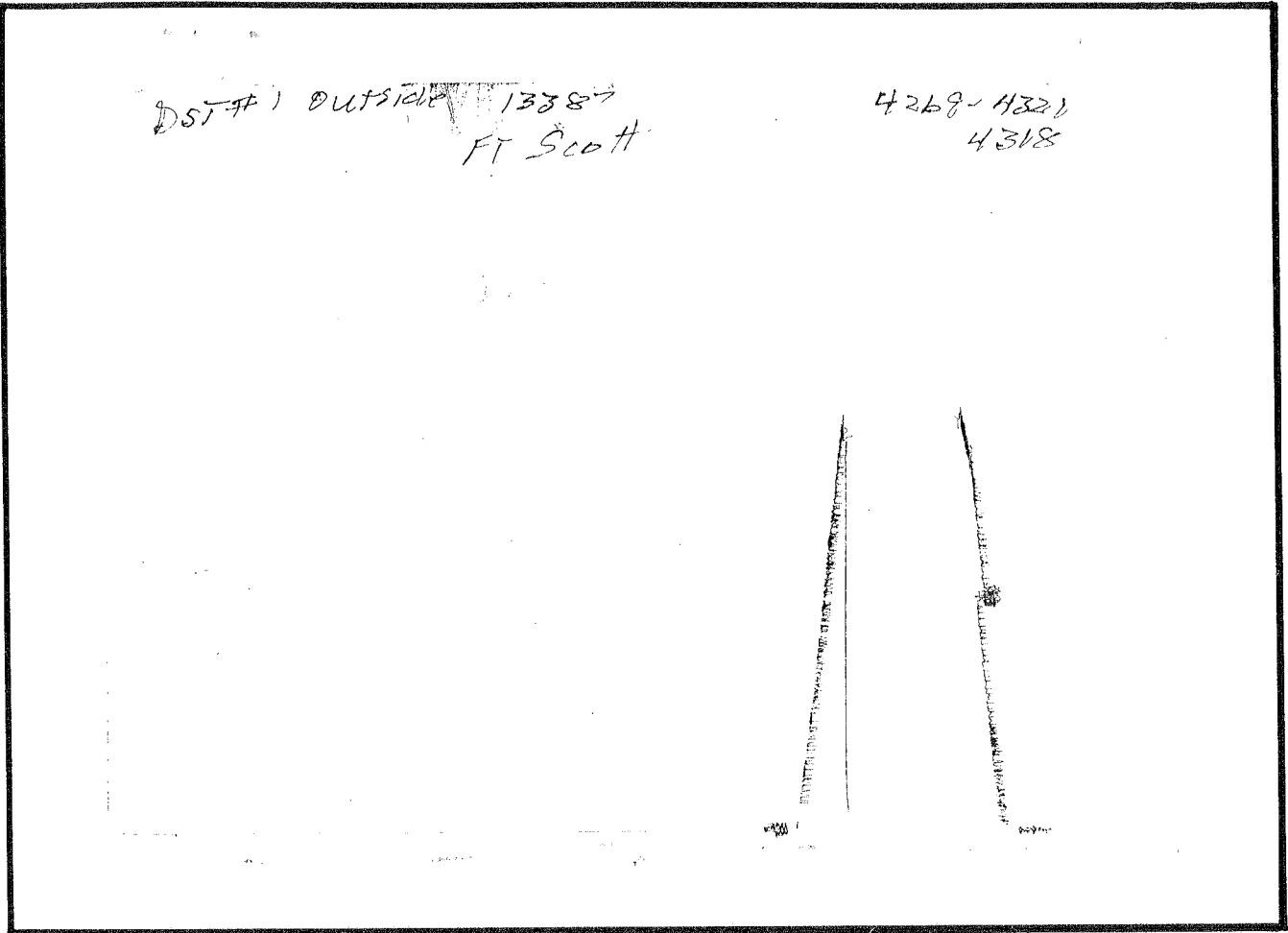
SOMY #1
Formation: DST #1 FT SCOTT 4,269' - 4,321'
Pool: WILDCAT

SOMY #1



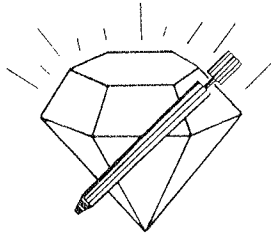
DST # 1 OUTSIDE 1388
 Ft Scott

4269-4321
 4318



This is an actual photograph of recorder chart.

POINT	PRESSURE		
	Field Reading	Elec. Office Reading	
(A) Initial Hydrostatic Mud	2088	2088	PSI
(B) First Initial Flow Pressure.....	2	2	PSI
(C) First Final Flow Pressure	8	8	PSI
(D) Initial Closed-in Pressure	70	70	PSI
(E) Second Initial Flow Pressure.....	7	7	PSI
(F) Second Final Flow Pressure.....	8	8	PSI
(G) Final Closed-in Pressure	31	31	PSI
(H) Final Hydrostatic Mud.....	2076	2076	PSI



DIAMOND TESTING

P.O. Box 157
HOISINGTON, KANSAS 67544
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STC 21098. D07

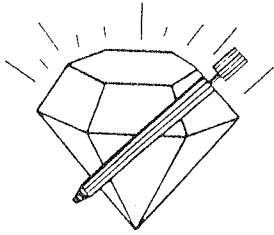
Company Ritchie Exploration, Inc. Lease & Well No. _____ Somy No. 1
Elevation 2427 KB Formation Cherokee Effective Pay _____ Ft. Ticket No. 1897
Date 7-28-04 Sec. 33 Twp. 15S Range 23W County _____ Trego State Kansas
Test Approved By Craig Caulk Diamond Representative Roger D. Friedly
Formation Test No. 2 Interval Tested from 4,320 ft. to 4,389 ft. Total Depth 4,389 ft.
Packer Depth 4,315 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.
Packer Depth 4,320 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.
Depth of Selective Zone Set _____ ft.
Top Recorder Depth (Inside) _____ 4,301 ft. Recorder Number 21098 Cap. 5,000 psi
Bottom Recorder Depth (Outside) _____ 4,386 ft. Recorder Number 13387 Cap. 4,000 psi
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ psi
Drilling Contractor L.D. Drilling, Inc. - Rig 1 Drill Collar Length _____ ft. I.D. _____ in.
Mud Type Chemical Viscosity 60 Weight Pipe Length _____ ft. I.D. _____ in.
Weight 9.5 Water Loss 8.8 cc. Drill Pipe Length 4,288 ft. I.D. 3 1/2 in.
Chlorides 3,000 P.P.M. Test Tool Length 32 ft. Tool Size 3 1/2 - IF in.
Jars: Make Bowen Serial Number BJ No. 1 Anchor Length 38' perf. w/ 31' drill pipe Size 4 1/2 - FH in.
Did Well Flow? No Reversed Out No Surface Choke Size _____ 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, 1/4 in., blow increasing to 4 1/4 ins. No blow back during shut-in.
2nd Open: Weak, surface blow increasing to 2 ins. No blow back during shut-in.

Recovered 2 ft. of clean oil = .020520 bbls. (Gravity: 32 @ 60°)
Recovered 33 ft. of heavy oil cut mud = .338580 bbls. (Grind out: 46%-oil; 54%- mud)
Recovered 32 ft. of slightly gassy & watery heavy oil cut mud = .328320 bbls. (Grind out: 2%-gas; 10%-water; 35%-oil; 53%-mud)
Recovered 67 ft. of TOTAL FLUID = .687420 bbls.

Recovered _____ ft. of _____
Remarks Tool Sample Grind Out: 2%-gas; 10%-water; 35%-oil; 53%-mud

Time Set Packer(s) _____ 2:10 ~~XXXX~~ ^{A.M.} Time Started Off Bottom _____ 5:10 ~~XXX~~ ^{A.M.} Maximum Temperature 114°
Initial Hydrostatic Pressure _____ (A) 2099 P.S.I.
Initial Flow Period _____ Minutes 30 (B) _____ 5 P.S.I. to (C) _____ 27 P.S.I.
Initial Closed In Period _____ Minutes 45 (D) _____ 741 P.S.I.
Final Flow Period _____ Minutes 45 (E) _____ 27 P.S.I. to (F) _____ 36 P.S.I.
Final Closed In Period _____ Minutes 60 (G) _____ 596 P.S.I.
Final Hydrostatic Pressure _____ (H) _____ 2078 P.S.I.



DIAMOND TESTING
P. O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313

Page 2 of 3 Pages

FLUID SAMPLE DATA

Company Ritchie Exploration, Inc.
Lease & Well No. Somy No. 1
Date 7-28-04 Sec. 33 Twp. 15 S Range 23 W
Formation Test No. 2 Interval Tested From 4,320 ft. to 4,389 ft. Total Depth 4,389 ft.
Formation Cherokee

	MUD PIT	RECOVERY
Viscosity	<u>60</u> CP	<u>--</u> CP
Weight	<u>9.5</u>	<u>--</u>
Water Loss	<u>8.8</u> CC	<u>--</u> CC
PH Factor	<u>9.0</u>	<u>8.0</u>

	RESISTIVITY	CHLORIDE CONTENT
Recovery Water	<u>--</u> @ <u>--</u> °F.	<u>--</u> ppm
Recovery Mud	<u>--</u> @ <u>--</u> °F.	<u>--</u> ppm
Recovery Mud Filtrate	<u>1.00</u> @ <u>70</u> °F.	<u>6,400</u> ppm
Mud Pit Sample	<u>1.40</u> @ <u>70</u> °F.	<u>4,300</u> ppm
Mud Pit Sample Filtrate	<u>1.45</u> @ <u>66</u> °F.	<u>4,300</u> ppm

Sample Taken By ROGER D. FRIEDLY
Witness By Craig Caulk
Remarks Pit filtrate triton dish chlorides were 3,000 Ppm
Recovery filtrate triton dish chlorides were 5,200 Ppm

GENERAL INFORMATION

Client Information:

Company: RITCHIE EXPLORATION, INC.
Contact: CRAIG CAULK
Phone: Fax: e-mail:

Site Information:

Contact: GARY GENSCH
Phone: Fax: e-mail:

Well Information:

Name: SOMY #1
Operator: RITCHIE EXPLORATION, INC.
Location-Downhole: DST #2 CHEROKEE 4,320' - 4,389'
Location-Surface: SEC 33-15S-23W TREGO COUNTY

Test Information:

Company:	DIAMOND TESTING		
Representative:	ROGER D. FRIEDLY		
Supervisor:	GARY GENSCH		
Test Type:	CONVENTIONL	Job Number:	
Test Unit:	NO 1		
Start Date:	2004/07/27	Start Time:	23:55:00
End Date:	2004/07/28	End Time:	07:18:30
Report Date:		Prepared By:	
<u>Remarks:</u>		Qualified By:	

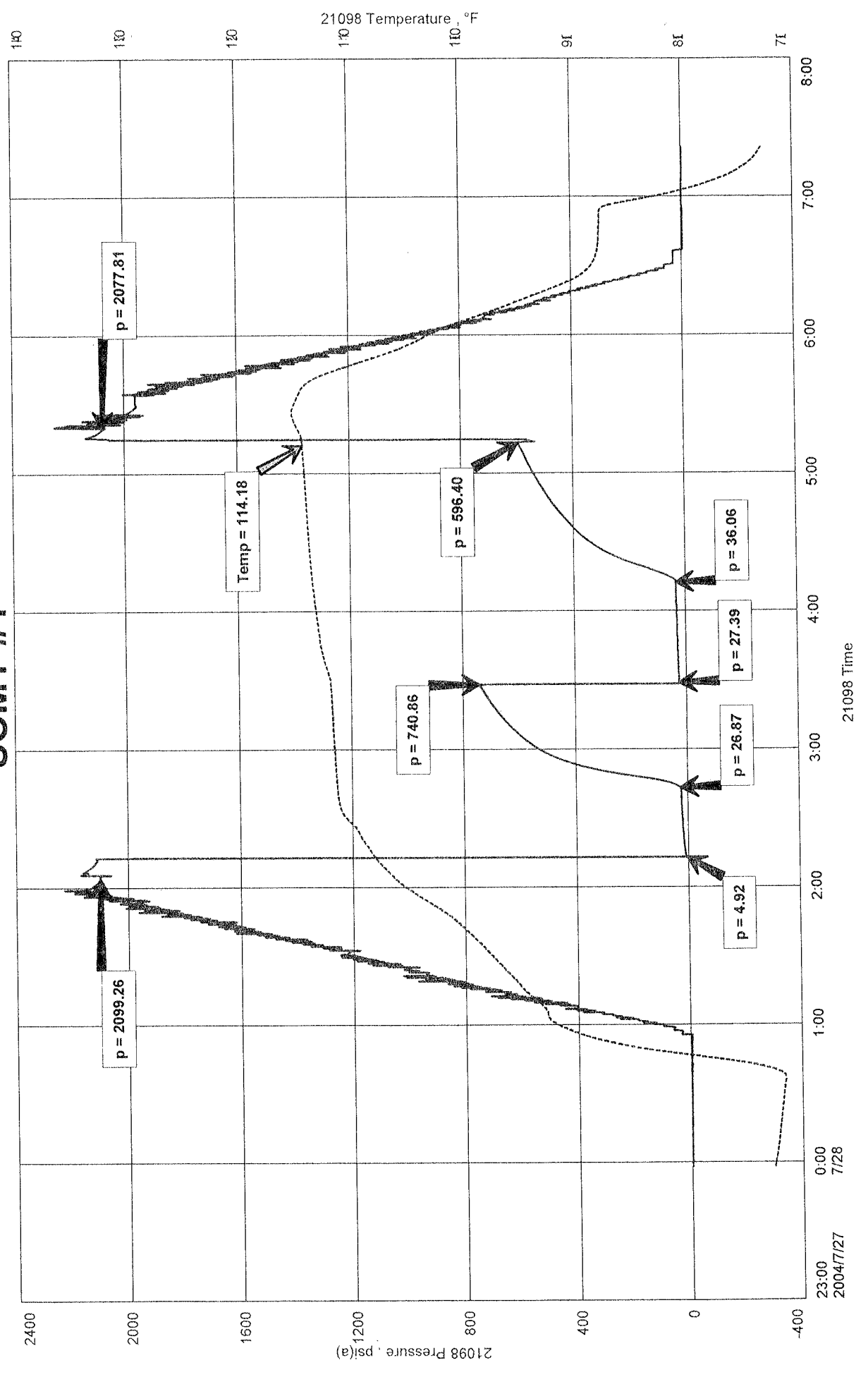
RECOVERED: 2' CO 32 GRAVITY B@ 60 deg.
33' HO CM (46% OIL, 54% MUD)
32' SLTG&WTR&HO CM (2% GAS, 10% WTR, 35% OIL, 53% MUD)

TOOL SAMPLE 2% GAS, 10% WTR, 35% OIL, 53% MUD.

SOMY #1
 Formation: DST #2 CHEROKEE 4,320' - 4,389'
 Pool: WILDCAT

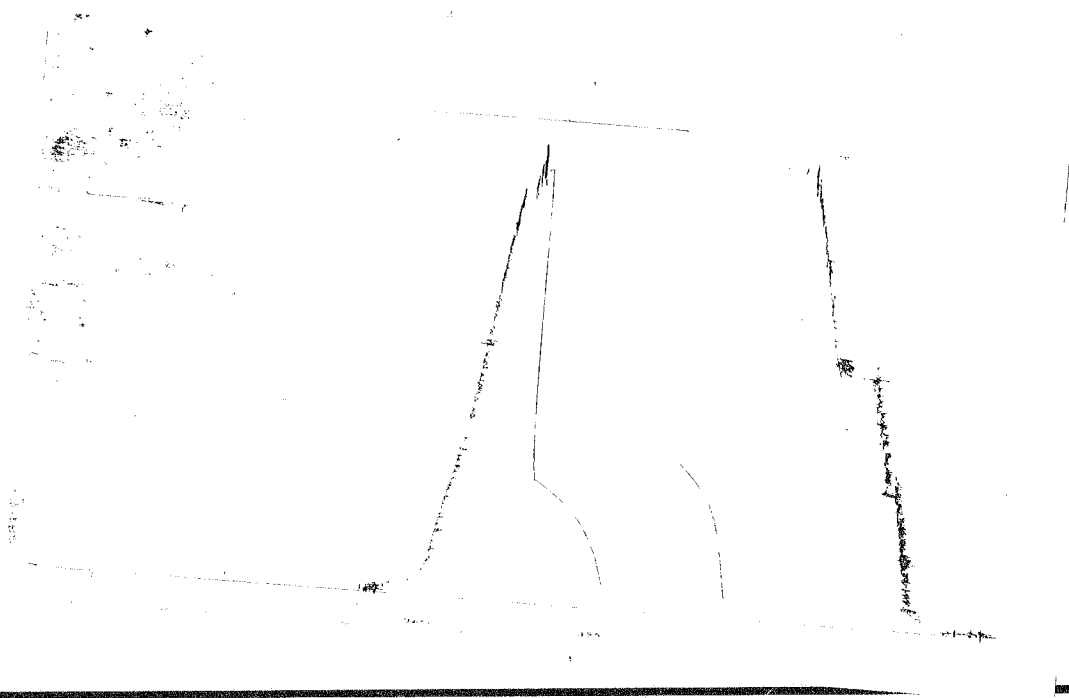
RITCHIE EXPLORATION, INC.
 DST #2 CHEROKEE 4,320' - 4,389'
 Start Test Date: 2004/07/27
 Final Test Date: 2004/07/28

SOMY #1



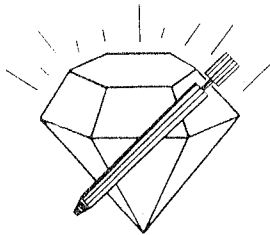
DST # 2 outside 13387
 Chero

4320-4389
 100 4386



This is an actual photograph of recorder chart.

POINT	PRESSURE		
	Field Reading	Elec. Office Reading	
(A) Initial Hydrostatic Mud	2099	2099	PSI
(B) First Initial Flow Pressure.....	5	5	PSI
(C) First Final Flow Pressure	27	27	PSI
(D) Initial Closed-in Pressure	741	741	PSI
(E) Second Initial Flow Pressure	27	27	PSI
(F) Second Final Flow Pressure.....	36	36	PSI
(G) Final Closed-in Pressure.....	596	596	PSI
(H) Final Hydrostatic Mud	2078	2078	PSI



DIAMOND TESTING

P.O. Box 157
HOISINGTON, KANSAS 67544
(620) 653-7550 • (800) 542-7313
STC 21098. D08

Company Ritchie Exploration, Inc. Lease & Well No. Somy No. 1
Elevation 2427 KB Formation Cherokee Effective Pay -- Ft. Ticket No. 1898
Date 7-28-04 Sec. 33 Twp. 15S Range 23W County Trego State Kansas
Test Approved By Gary F. Gensch Diamond Representative Roger D. Friedly

Formation Test No. 3 Interval Tested from 4,316 ft. to 4,399 ft. Total Depth 4,399 ft.
Packer Depth 4,311 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.
Packer Depth 4,316 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.
Depth of Selective Zone Set ft.

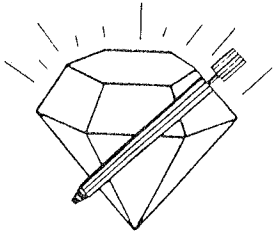
Top Recorder Depth (Inside) 4,304 ft. Recorder Number 21098 Cap. 5,000 psi
Bottom Recorder Depth (Outside) 4,396 ft. Recorder Number 13387 Cap. 4,000 psi
Below Straddle Recorder Depth ft. Recorder Number Cap. psi

Drilling Contractor L.D. Drilling, Inc. - Rig 1 Drill Collar Length -- ft. I.D. -- in.
Mud Type Chemical Viscosity 55 Weight Pipe Length -- ft. I.D. -- in.
Weight 9.4 Water Loss 10.0 cc. Drill Pipe Length 4,284 ft. I.D. 3 1/2 in.
Chlorides 4,000 P.P.M. Test Tool Length 32 ft. Tool Size 3 1/2 - IF in.
Jars: Make Bowen Serial Number BJ No. 1 Anchor Length 52' perf w/ 31' drill pipe 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, 1/2 in., blow increasing. Off bottom of bucket in 18 mins. No blow back during shut-in.
2nd Open: Weak, surface blow increasing. Off bottom of bucket in 31 mins. No blow back during shut-in.

Recovered 2 ft. of clean oil = .020520 bbls. (Gravity: 32 @ 60°)
Recovered 366 ft. of slighty oil cut watery mud = 3.755160 bbls. (See Grind Out Sheet)
Recovered 62 ft. of slighty oil cut muddy water = .636120 bbls. (See Grind Out Sheet)
Recovered 430 ft. of TOTAL FLUID = 4.411800
Recovered ft. of
Remarks Tool Sample Grind Out: 2%-gas; 6%- oil; 35%-mud; 57%-water

Time Set Packer(s) 4:07 ^{XXXX.} P.M. Time Started Off Bottom 7:07 ^{XXX.} P.M. Maximum Temperature 117°
Initial Hydrostatic Pressure (A) 2098 P.S.I.
Initial Flow Period Minutes 30 (B) 14 P.S.I. to (C) 107 P.S.I.
Initial Closed In Period Minutes 45 (D) 1213 P.S.I.
Final Flow Period Minutes 45 (E) 109 P.S.I. to (F) 206 P.S.I.
Final Closed In Period Minutes 60 (G) 1197 P.S.I.
Final Hydrostatic Pressure (H) 2090 P.S.I.



DIAMOND TESTING
P. O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313

FLUID SAMPLE DATA

Company Ritchie Exploration, Inc.
Lease & Well No. Somy No. 1
Date 7-28-04 Sec. 33 Twp. 15 S Range 23 W
Formation Test No. 3 Interval Tested From 4,316 ft. to 4,399 ft. Total Depth 4,399 ft.
Formation Cherokee

	MUD PIT	RECOVERY
Viscosity	<u>55</u> CP	<u>--</u> CP
Weight	<u>9.4</u>	<u>--</u>
Water Loss	<u>10.0</u> CC	<u>--</u> CC
PH Factor	<u>9.0</u>	<u>8.0</u>

	RESISTIVITY	CHLORIDE CONTENT
Recovery Water	<u>.46</u> @ <u>69</u> °F.	<u>14,000</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>1.15</u> @ <u>72</u> °F.	<u>5,200</u> ppm
Mud Pit Sample Filtrate	<u>1.25</u> @ <u>70</u> °F.	<u>4,900</u> ppm

Sample Taken By ROGER D. FRIEDLY
Witness By Gary F. Gensch
Remarks Pit filtrate triton dish chlorides were 4,000 Ppm
Recovery water dish chlorides were 13,000 Ppm

RITCHIE EXPLORATION, INC.

<u>NUMBER OF FEET</u>	<u>GAS</u>	<u>OIL</u>	<u>WATER</u>	<u>MUD</u>	<u>TOTAL</u>
2	0	100	0	0	100
56	0	2	20	78	100
62	0	3	0	97	100
124	4	6	40	50	100
62	6	12	32	50	100
62	8	6	39	47	100
62	2	2	50	46	100
					0

430 TOTAL RECOVERY

GENERAL INFORMATION

Client Information:

Company: RITCHIE EXPLORATION, INC.
Contact: CRAIG CAULK
Phone: Fax: e-mail:

Site Information:

Contact: GARY GENSCH
Phone: Fax: e-mail:

Well Information:

Name: SOMY #1
Operator: RITCHIE EXPLORATION, INC.
Location-Downhole: DST #3 CHEROKEE 4,316' - 4,399'
Location-Surface: SEC 33-15S-23W TREGO, KANSAS

Test Information:

Company: DIAMOND TESTING
Representative: ROGER D. FRIEDLY
Supervisor: GARY GENSCH
Test Type: CONVENTIONAL Job Number:
Test Unit: NO 1
Start Date: 2004/07/28 Start Time: 14:24:00
End Date: End Time: 21:39:10
Report Date: Prepared By:
Remarks: Qualified By:

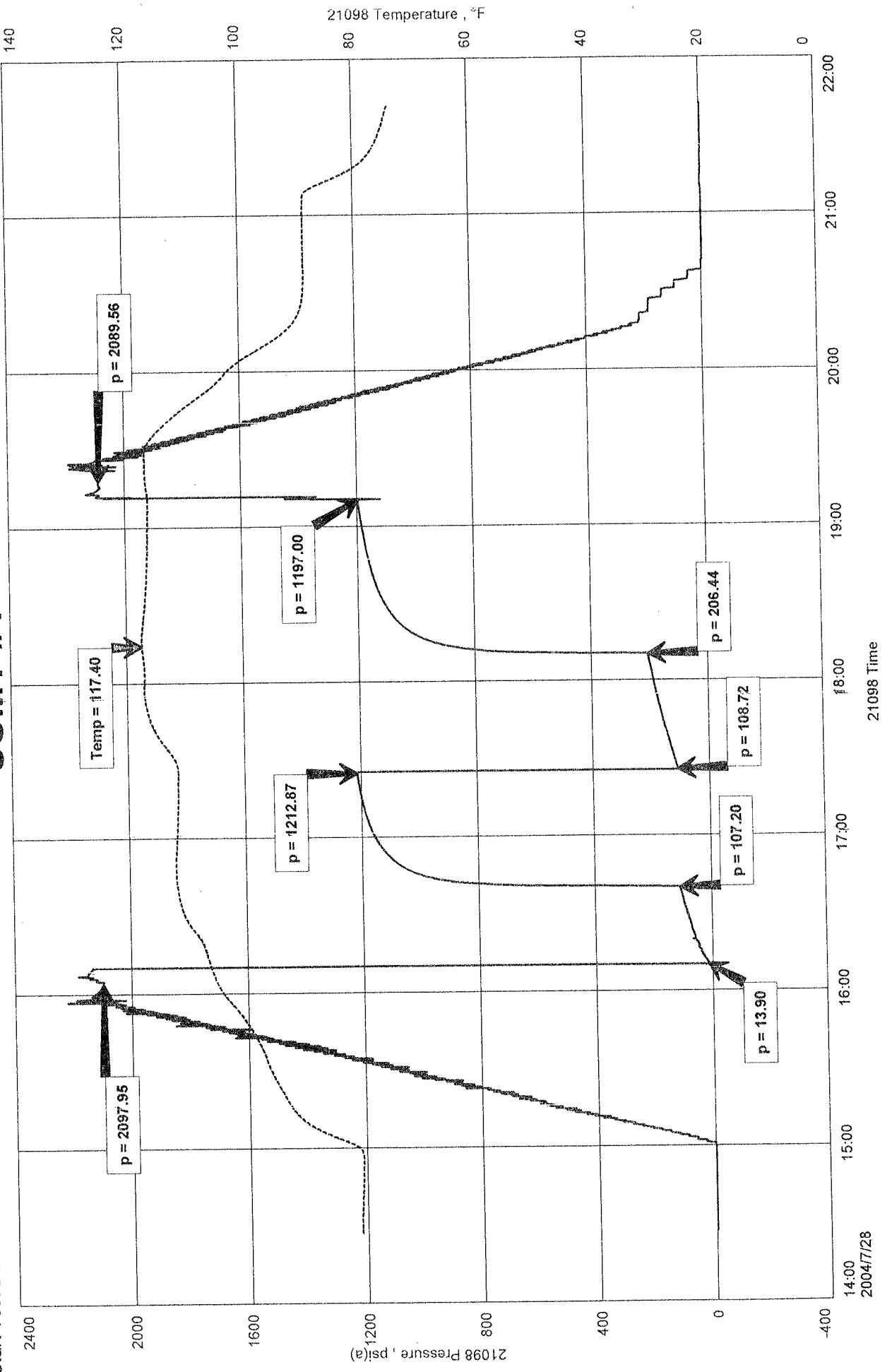
RECOVERED: 2' CO 32 GRAVITY @ 60 deg
366' SLTOCWM (SEE GRIND OUT SUMMARY SHEET)
62' SLTOCMW (" " " " ")
430' TOTAL FLUID

TOOL SAMPLE 2% GAS, 6% OIL, 35% MUD, 57% WTR.

SOMY #1
Formation: DST #3 CHEROKEE 4,316' - 4,399'
Pool: WILDCAT

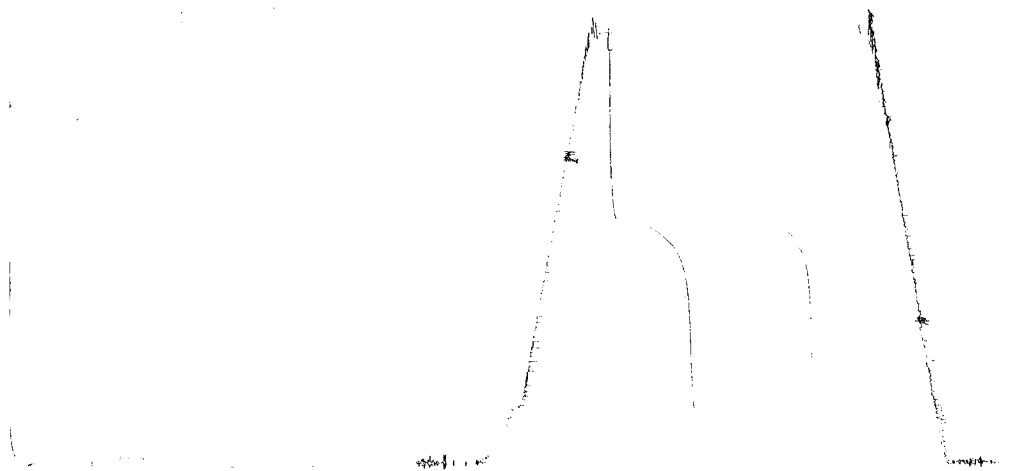
RITCHIE EXPLORATION, INC.
DST #3 CHEROKEE 4,316' - 4,399'
Start Test Date: 2004/07/28

SOMY #1



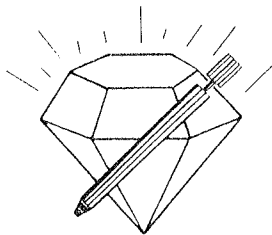
DST # 3 Outside 13387
Chero

4316-4379
LDC 4396



This is an actual photograph of recorder chart.

POINT	PRESSURE		PSI
	Field Reading	Elec. Office Reading	
(A) Initial Hydrostatic Mud	2098	2098	PSI
(B) First Initial Flow Pressure.....	14	14	PSI
(C) First Final Flow Pressure	107	107	PSI
(D) Initial Closed-in Pressure	1213	1213	PSI
(E) Second Initial Flow Pressure.....	109	109	PSI
(F) Second Final Flow Pressure.....	206	206	PSI
(G) Final Closed-in Pressure.....	1197	1197	PSI
(H) Final Hydrostatic Mud	2090	2090	PSI



DIAMOND TESTING

P.O. Box 157
HOISINGTON, KANSAS 67544
(620) 653-7550 • (800) 542-7313

STC 21098. D09

Company Ritchie Exploration, Inc. Lease & Well No. Somy No. 1

Elevation 2427 KB Formation Mississippi Effective Pay -- Ft. Ticket No. 1899

Date 7-29-04 Sec. 33 Twp. 15S Range 23W County Trego State Kansas

Test Approved By Gary F. Gensch Diamond Representative Roger D. Friedly

Formation Test No. 4 Interval Tested from 4,412 ft. to 4,426 ft. Total Depth 4,426 ft.

Packer Depth 4,407 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Packer Depth 4,412 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Depth of Selective Zone Set ft.

Top Recorder Depth (Inside) 4,393 ft. Recorder Number 21098 Cap. 5,000 psi

Bottom Recorder Depth (Outside) 4,423 ft. Recorder Number 13387 Cap. 4,000 psi

Below Straddle Recorder Depth ft. Recorder Number Cap. psi

Drilling Contractor L.D. Drilling, Inc. - Rig 1 Drill Collar Length -- ft. I.D. -- in.

Mud Type Chemical Viscosity 48 Weight Pipe Length -- ft. I.D. -- in.

Weight 9.4 Water Loss 9.6 cc. Drill Pipe Length 4,380 ft. I.D. 3 1/2 in.

Chlorides 3,200 P.P.M. Test Tool Length 32 ft. Tool Size 3 1/2 - IF in.

Jars: Make Bowen Serial Number BJ No. 1 Anchor Length 14 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: Good, 2 in., blow increasing. Off bottom of bucket in 2 mins. No blow back during shut-in.
2nd Open: Good, 2 in., blow increasing. Off bottom of bucket in 2 1/2 mins. No blow back during shut-in.

Recovered 104 ft. of muddy water with a few oil specks throughout = 1.067640 bbls. (Grind out: 38%-mud; 62%-water)

Recovered 124 ft. of muddy water = 1.272240 bbls. (Grind out: 26%-mud; 74%-water)

Recovered 1,302 ft. of salt water = 13.358520 bbls.

Recovered 1,530 ft. of TOTAL FLUID = 15.697800 bbls.

Recovered ft. of

Remarks Tool Sample Grind Out: 100%-water with some free oil on top of tool

Time Set Packer(s) 8:15 ~~P.M.~~ ^{A.M.} Time Started Off Bottom 10:15 ~~P.M.~~ ^{A.M.} Maximum Temperature 132°

Initial Hydrostatic Pressure (A) 2137 P.S.I.

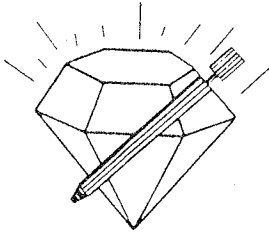
Initial Flow Period Minutes 15 (B) 64 P.S.I. to (C) 413 P.S.I.

Initial Closed In Period Minutes 30 (D) 1317 P.S.I.

Final Flow Period Minutes 15 (E) 426 P.S.I. to (F) 703 P.S.I.

Final Closed In Period Minutes 60 (G) 1319 P.S.I.

Final Hydrostatic Pressure (H) 2118 P.S.I.



DIAMOND TESTING
P. O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313

Page 2 of 3 Pages

FLUID SAMPLE DATA

Company Ritchie Exploration, Inc.
Lease & Well No. Somy No. 1
Date 7-29-04 Sec. 33 Twp. 15 S Range 23 W
Formation Test No. 4 Interval Tested From 4,412 ft. to 4,426 ft. Total Depth 4,426 ft.
Formation Mississippi

	<u>MUD PIT</u>	<u>RECOVERY</u>
Viscosity	<u>48</u> CP	<u>--</u> CP
Weight	<u>9.4</u>	<u>--</u>
Water Loss	<u>9.6</u> CC	<u>--</u> CC
PH Factor	<u>9.0</u>	<u>7.0</u>

	<u>RESISTIVITY</u>	<u>CHLORIDE CONTENT</u>
Recovery Water	<u>.31</u> @ <u>73</u> °F.	<u>20,000</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>68</u> °F.	<u>5,500</u> ppm
Mud Pit Sample Filtrate	<u>1.25</u> @ <u>71</u> °F.	<u>5,100</u> ppm

Sample Taken By ROGER D. FRIEDLY
Witness By Gary F. Gensch
Remarks Pit filtrate triton dish chlorides were 3,200 Ppm
Recovery water dish chlorides were 18,500 Ppm

GENERAL INFORMATION

Client Information:

Company: RITCHIE EXPLORATION, INC.
Contact: CRAIF CAULK
Phone: Fax: e-mail:

Site Information:

Contact: GARY GENSCH
Phone: Fax: e-mail:

Well Information:

Name: SOMY #1
Operator: RITCHIE EXPLORATION, INC.
Location-Downhole: DST #4 MISS. 4,412' - 4,426'
Location-Surface: SEC 33-15S-23W TREGO COUNTY

Test Information:

Company: DIMAOND TESTING
Representative: ROGER D. FRIEDLY
Supervisor: GARY GENSCH
Test Type: CONVENTIONAL Job Number:
Test Unit: NO 1
Start Date: 2004/07/29 Start Time: 05:53:00
End Date: 2004/07/29 End Time: 12:45:30
Report Date: Prepared By:
Remarks: Qualified By:

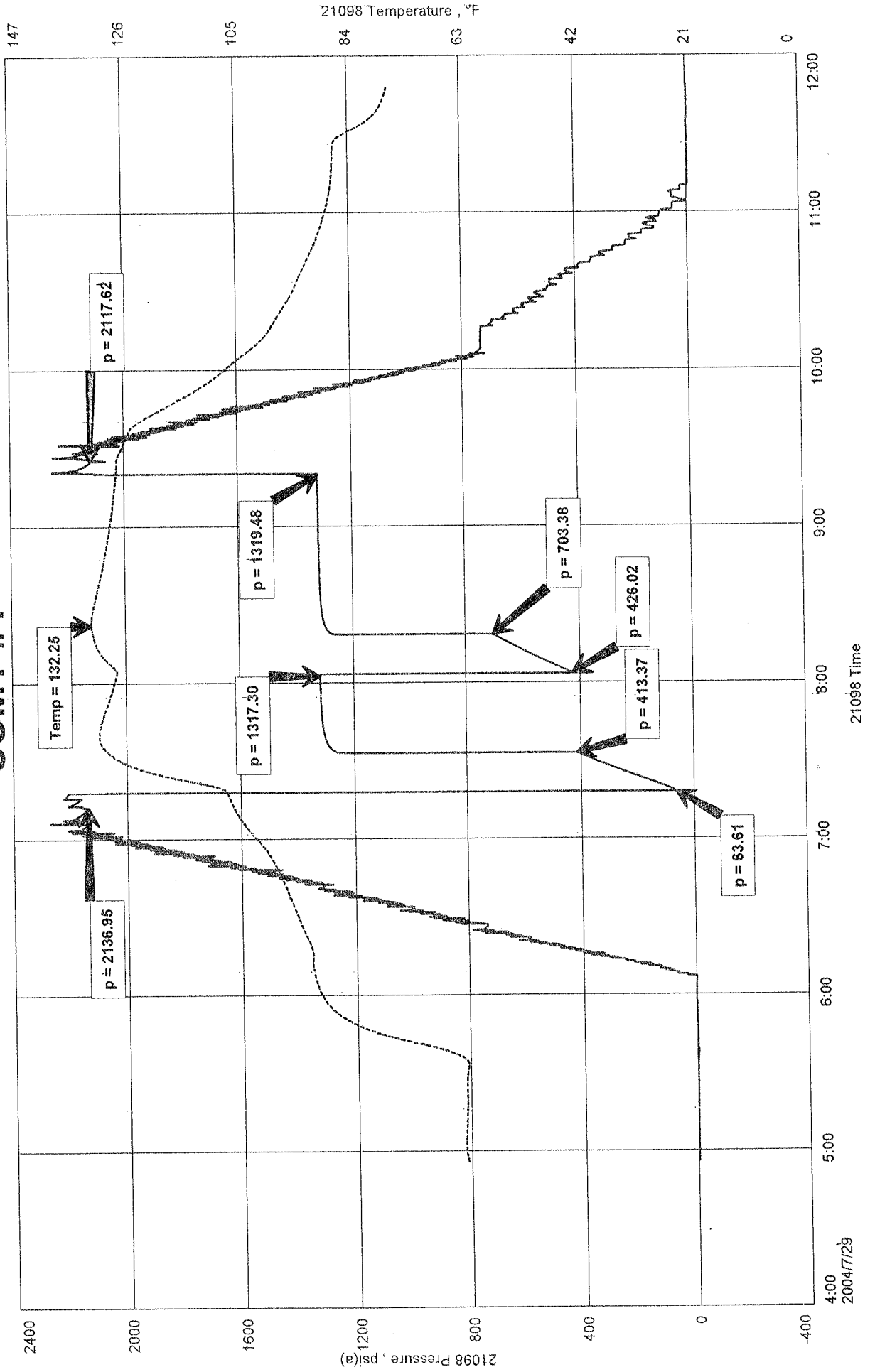
RECOVERED: 104' MW (38% MUD, 62% WTR) FEW OIL SPECKS THRU-OUT
124' MW (26% MUD, 74% WTR)
1,302' SALTWATER CHLORIDES 18,500 ppm
1,530' TOTAL FLUID

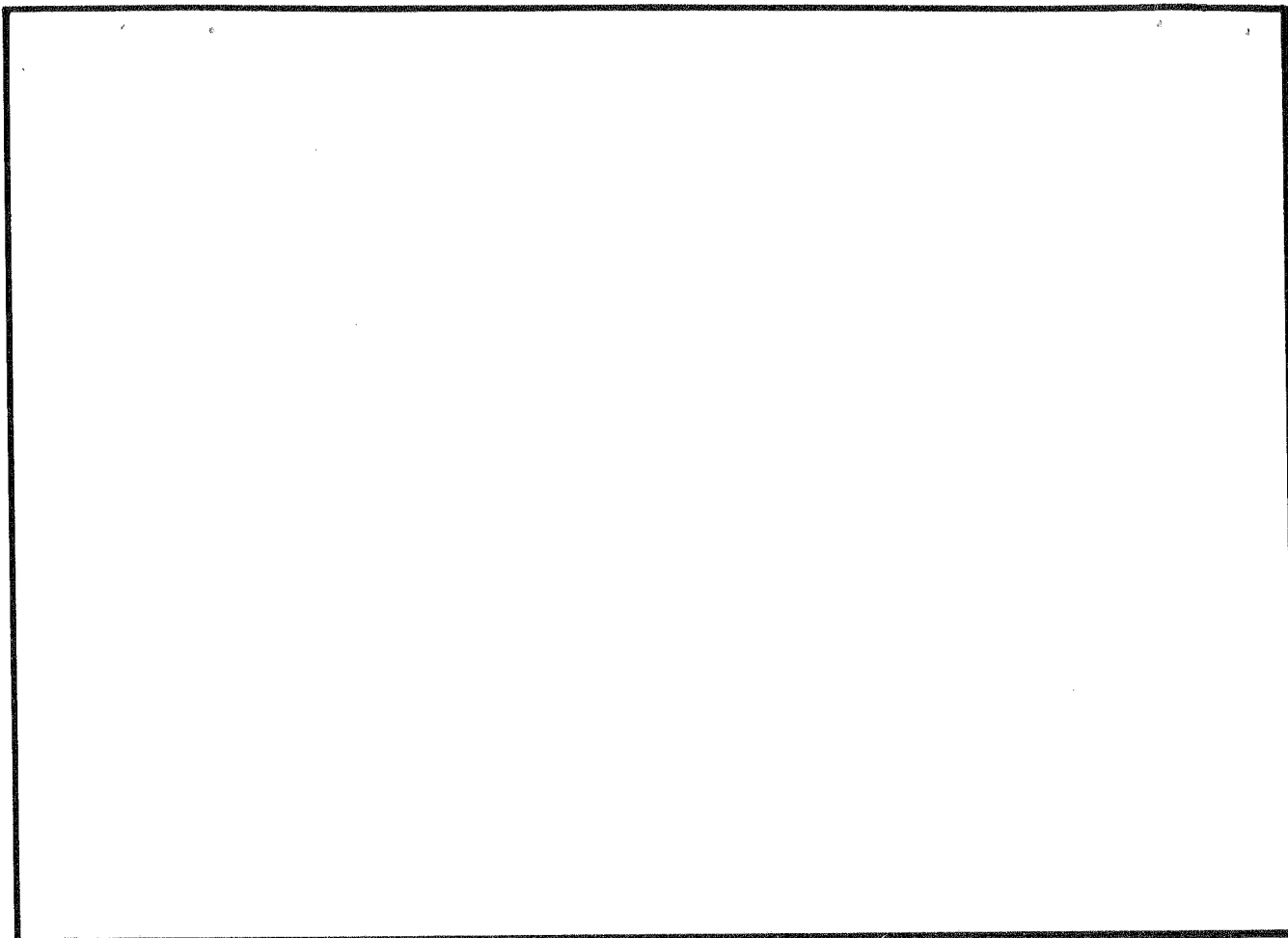
TOO SAMPLE 100% SALTWATER. SOME FREE OIL ON TOP OF TOOL.

RITCHE EXPLORATION, INC.
 DST #4 MISS. 4,412' - 4,426'
 Start Test Date: 2004/07/29
 Final Test Date: 2004/07/29

SOMY #1
 Formation: DST #4 MISS. 4,412' - 4,426'
 Pool: WILDCAT

SOMY #1





This is an actual photograph of recorder chart.

POINT	PRESSURE		PSI
	Field Reading	Elec. Office Reading	
(A) Initial Hydrostatic Mud	2137	2137	PSI
(B) First Initial Flow Pressure	64	64	PSI
(C) First Final Flow Pressure	413	413	PSI
(D) Initial Closed-in Pressure	1317	1317	PSI
(E) Second Initial Flow Pressure	426	426	PSI
(F) Second Final Flow Pressure	703	703	PSI
(G) Final Closed-in Pressure	1319	1319	PSI
(H) Final Hydrostatic Mud	2118	2118	PSI