

11-23s-31w

Computer Inventories

15-055-21667

ORIGINAL

WELL NAME:

Sherman Trust #1

COMPANY:

PetroSantander U.S.A.

LOCATION:

11-23S-31W

Finney co Kansas

DATE:

3/15/00

RECEIVED

STATE CORPORATION COMMISSION

MAR 27 2000

CONSERVATION DIVISION
Wichita, Kansas

Ind

11-23-31W

TRILOBITE TESTING L.L.C.

ORIGINAL

OPERATOR : PetroSantander U.S.A.

DATE 3-4-00

WELL NAME: Sherman Trust #1

KB 2878.00 ft

TICKET NO: 12519

DST #1

LOCATION : 11-23S-31W Finney co KS

GR 2873.00 ft

FORMATION: Morrow

INTERVAL : 4768.00 To 4811.00 ft

TD 4900.00 ft

TEST TYPE: CONV-STRADDLE

RECORDER DATA

Mins	Field	1	2	3	4	TIME DATA-----
PF 30 Rec.	10242	10242	3017	13630		PF Fr. 2220 to 2250 hr
SI 60 Range(Psi)	4175.0	4175.0	5000.0	4625.0	0.0	IS Fr. 2250 to 2350 hr
SF 30 Clock(hrs)	12 HR	12 HR	Elect	12 HR		SF Fr. 2350 to 0020 hr
FS 60 Depth(ft)	4805.0	4805.0	4771.0	4897.0	0.0	FS Fr. 0020 to 0120 hr

	Field	1	2	3	4	
A. Init Hydro	2375.0	2354.0	2330.0	0.0	0.0	T STARTED 2025 hr
B. First Flow	65.0	84.0	21.0	0.0	0.0	T ON BOTM 2217 hr
B1. Final Flow	72.0	84.0	84.0	0.0	0.0	T OPEN 2220 hr
C. In Shut-in	793.0	805.0	820.0	0.0	0.0	T PULLED 0120 hr
D. Init Flow	121.0	133.0	87.0	0.0	0.0	T OUT 0420 hr
E. Final Flow	130.0	133.0	128.0	0.0	0.0	
F. Fl Shut-in	788.0	794.0	809.0	0.0	0.0	TOOL DATA-----
G. Final Hydro	2356.0	2360.0	2324.0	0.0	0.0	Tool Wt. 3300.00 lbs
Inside/Outside	I	I	I	S		Wt Set On Packer 28000.00 lbs
						Wt Pulled Loose 7000.00 lbs
						Initial Str Wt 78000.00 lbs
						Unseated Str Wt 78000.00 lbs
						Bot Choke 0.75 in
						Hole Size 7.78 in
						D Col. ID 2.25 in
						D. Pipe ID 3.80 in
						D.C. Length 234.00 ft
						D.P. Length 4515.00 ft

RECOVERY

Tot Fluid 245.00 ft of 234.00 ft in DC and 11.00 ft in DP
 65.00 ft of Slightly mud cut water
 0.00 ft of 16% mud 84% water
 180.00 ft of Water
 0.00 ft of 100% water
 0.00 ft of
 0.00 ft of
 0.00 ft of
 0.00 ft of

SALINITY 8600.00 P.P.M. A.P.I. Gravity 0.00

BLOW DESCRIPTION

Initial Flow:
 Weak 1/2" blow, built to 4" in
 bucket in 30 minutes.
 Initial Shut-In:
 No blow back.
 Final Flow:
 Surfaci blow, built to 1 3/4" in
 bucket in 30 minutes.
 Final Shut-In:
 No blow back.

Remarks: 8 Ft. of Pay.
 Bottom packer held.

SAMPLES: None

SENT TO:

MUD DATA-----
 Mud Type Chemical
 Weight 9.40 lb/c
 Vis. 50.00 S/L
 W.L. 9.60 in3
 F.C. 0.00 in
 Mud Drop Y 20.0 ft
 Amt. of fill 0.00 ft
 Btm. H. Temp. 119.00 F
 Hole Condition Good
 % Porosity 24.00
 Packer Size 6.75 in
 No. of Packers 3
 Cushion Amt. 0.00
 Cushion Type
 Reversed Out N
 Tool Chased N
 Tester Lanny Saloga
 Co. Rep. Wes Hansen
 Contr. Abercrombie
 Rig # 4
 Unit #
 Pump T.

Test Successful: Y

*** TOOL DIAGRAM *** CONV-STRADDLE

WELL NAME: Sherman Trust #1

LOCATION : 11-23S-31W Finney co KS

TICKET No. 12519 D.S.T. No. 1 DATE 3-4-00

TOTAL TOOL TO BOTTOM OF TOP PACKERS 30

INTERVAL TOOL 27

BOTTOM PACKERS AND ANCHOR 12

TOTAL TOOL 69

DRILL COLLAR ANCHOR IN INTERVAL

D.C. ANCHOR STND.Stands Single Total

D.P. ANCHOR STND.Stands 1 Single 1 Total 93

TOTAL ASSEMBLY 162

D.C. ABOVE TOOLS.Stands 4 Single Total 234

D.P. ABOVE TOOLS.Stands 72 Single 1 Total 4515

TOTAL DRILL COLLARS DRILL PIPE & TOOLS .. 4911

TOTAL DEPTH 4900

TOTAL DRILL PIPE ABOVE K.B. 11

REMARKS:

FLUID SAMPLER DATA

Total Vol. 4000 ML.

Total Vol. Rec. 4000 ML.

Oil 0 ML.

Mud 0 ML.

Wtr. 4000 ML.

Gas 0 CF.

Psi. 320

Bht. 119 F.

Pit RW. 3.3 Ohms at 62 F. 2,000 PPM.

Rec RW. 0.91 Ohms at 54 F. 8,600 PPM.

Gravity -- at -- F.

P.O. SUB Cir. sub	4678
C.O. SUB Top of tool	4738
Double pin	4739
S.I. TOOL H&T	4744
Sampler	4747
HMV Sterling	4752
JARS Bowen	4757
SAFETY JOINT Bowen	4759
PACKER Sparton	4764
PACKER Sparton	4768
DEPTH	
1 ft.	4769
ANCHOR 1 ft. perf	4770
Co. sub	4771
Alpine	4771
1 jt. DP 31 ft.	4802
Co. sub	4803
AK-1	4805
5 ft. perf	4808
Blank	4808
3 ft. of packer	4811
PACKER Sparton "Center"	4811
2 ft. of packer	4813
21 ft. perfs	4834
Co. sub	4835
1 std. DP 62 ft.	4897
AK-1	4897
Co. sub	4898
BULLNOSE 2 ft. perf	
T.D.	4900

TEST HISTORY

12519 D.S.T.#1 Sherman Trust #1 PetroSantander U.S.A.

Flag Points

	t(Min.)	P(PSig)
A:	0.00	2330.37
B:	0.00	21.73
C:	30.25	84.12
D:	60.25	820.16
E:	0.00	87.86
F:	30.25	128.96
G:	62.00	809.85
Q:	0.00	2324.04

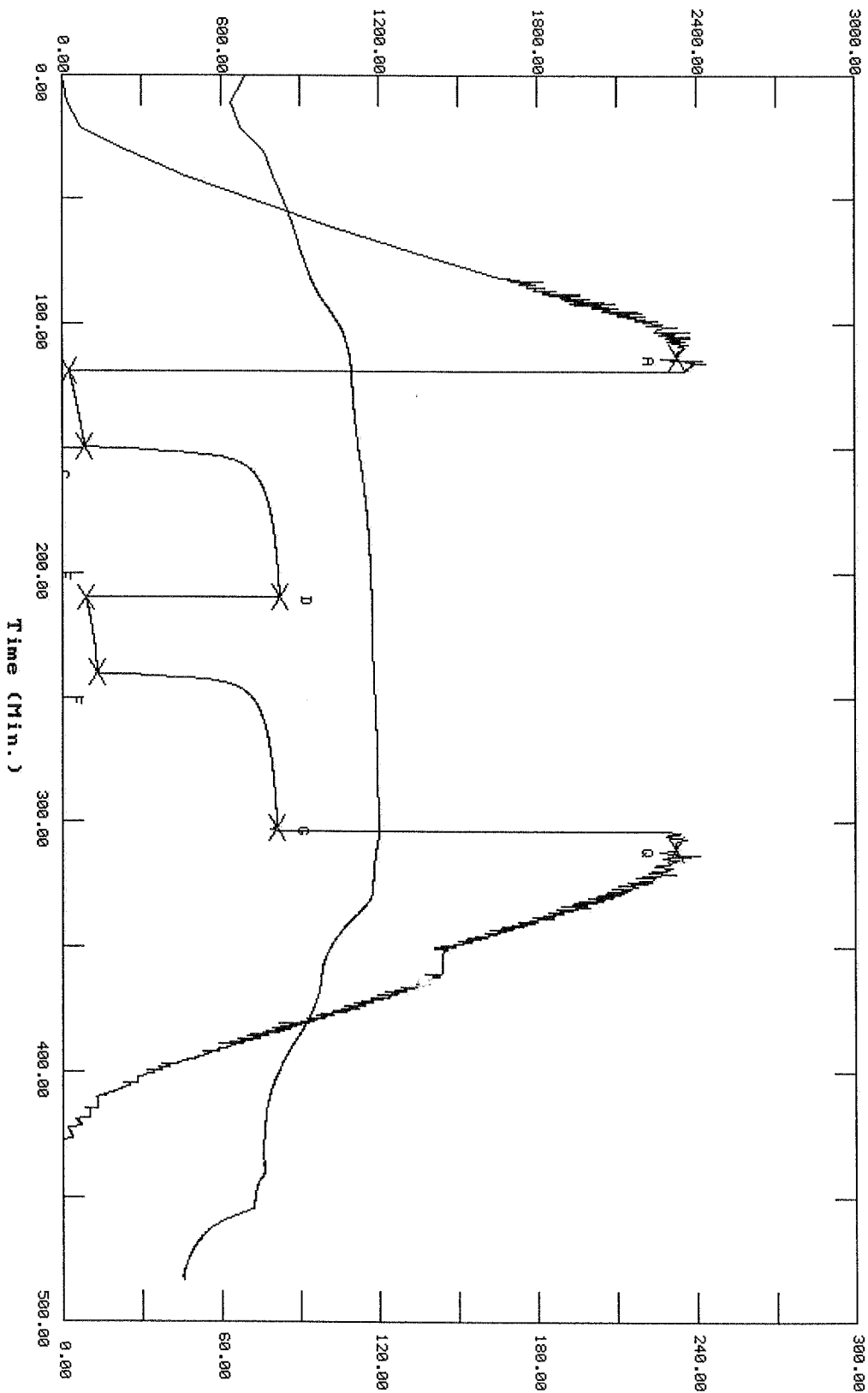
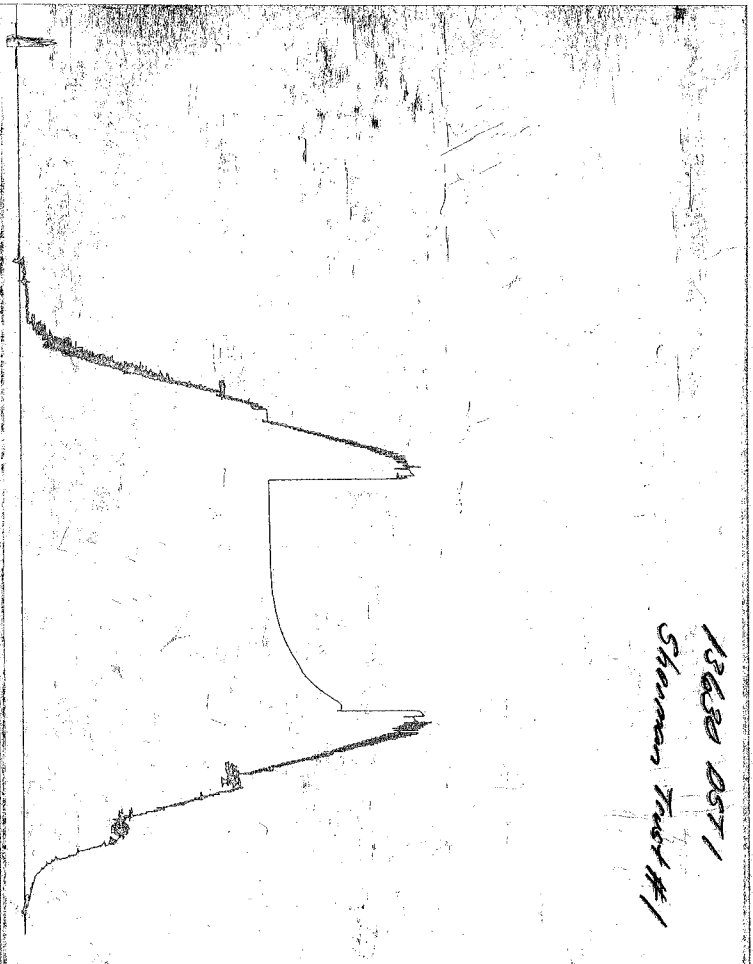
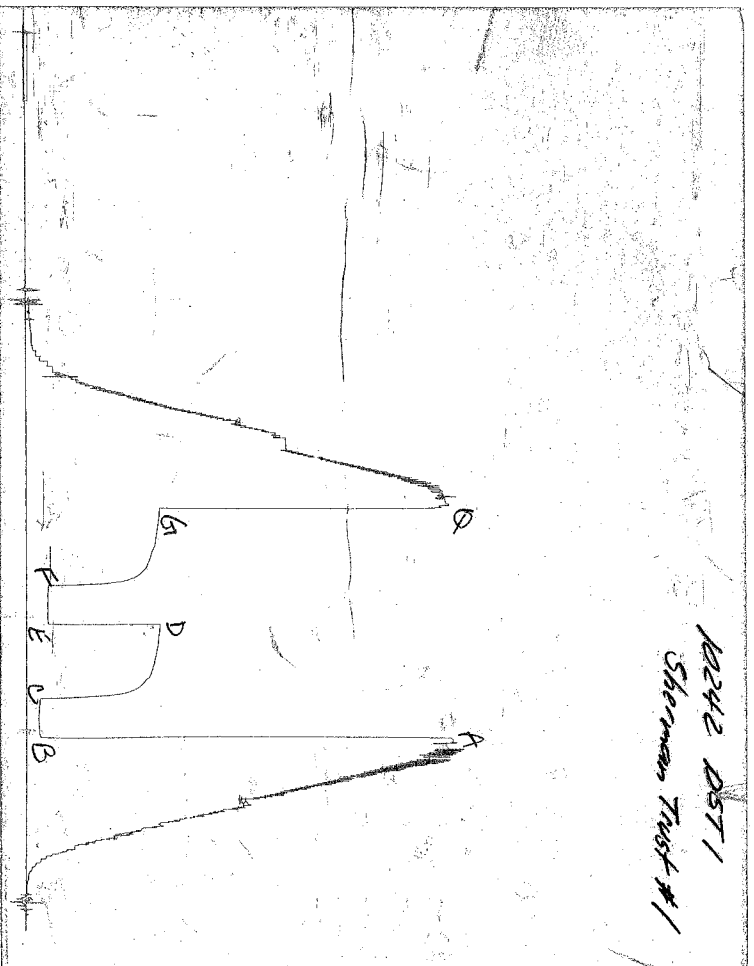


CHART PAGE



This is a photocopy of the actual AK-1 recorder chart

CHART PAGE



This is a photocopy of the actual AK-1 recorder chart

TRILOBITE TESTING L.L.C.

P.O. Box 362 - Hays, Kansas 67601

FLUID SAMPLER DATA

Ticket No. 12519 Date 3-4-00

Company Name Petro-Santander USA

Lease Sherman Trust #1 Test No. 1

County Finney KS. Sec. 11 Twp. 23S Rng. 31W

SAMPLER RECOVERY

Gas 0 CF ~~ML~~

Oil 0 ML

Mud 0 ML

Water 4000 ML

Other 0 ML

Pressure 320 PSI

Total Vol. Rec. = 4000 ML

Total Vol. of chamber = 4000 ML

PIT MUD ANALYSIS

Chlorides 2,000 ppm.

Resistivity 3.3 ohms @ 62 F

Viscosity 50

Mud Weight 9.4

Filtrate 9.6

Other 1# L.C.M.

SAMPLER ANALYSIS

Resistivity 0.91 ohms @ 54 F

Chlorides 8,600 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.

TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Test Ticket

N^o 12519

Well Name & No. <u>Sherman Trust #1</u>	Test No. <u>1</u>	Date <u>3-4-00</u>
Company <u>Petro-santander U.S.A.</u>	Zone Tested <u>Moran</u>	
Address <u>6363 Woodway, Ste 350 Houston TX 77057</u>	Elevation <u>2878</u> KB <u>2873</u> GL	
Co. Rep / Geo. <u>Wes Hansen</u>	Cont. <u>Abencombe Rig 4</u>	Est. Ft. of Pay <u>8</u> Por. <u>24</u> %
Location: Sec. <u>11</u>	Twp. <u>23.5</u>	Rge. <u>3/4N</u> Co. <u>Finney</u> State <u>KS</u>
No. of Copies <u>Reg</u>	Distribution Sheet (Y, N) <u>N</u>	Turnkey (Y, N) <u>N</u> Evaluation (Y, N) <u></u>

Interval Tested <u>4768-4811</u>	Initial Str Wt./Lbs. <u>78,000</u>	Unseated Str Wt./Lbs. <u>78,000</u>
Anchor Length <u>43</u> <u>Teel=89'</u> <u>Teel=30'</u>	Wt. Set Lbs. <u>28,000</u>	Wt. Pulled Loose/Lbs. <u>7,000</u>
Top Packer Depth <u>4763</u>	Tool Weight <u>3,300</u>	
Bottom Packer Depth <u>4768</u> <u>stpk=4811</u>	Hole Size — <u>7 7/8"</u>	Rubber Size — <u>6 3/4"</u>
Total Depth <u>4900</u>	Wt. Pipe Run <u>—</u>	Drill Collar Run <u>234</u>
Mud Wt. <u>9.4</u> LCM <u>1#</u> Vis. <u>50</u> WL <u>9.6</u>	Drill Pipe Size <u>4 1/2 XH</u>	Ft. Run <u>4515</u> <u>11' up</u>

Blow Description Went 1/2", built to 4" in bucket. 30 min. I.F.P.
No blow-back. I.S.T.P.
Surface blow built to 1 3/4" in bucket. 30 min. F.F.P.
No blow-back. F.S.T.P.

Recovery — Total Feet <u>245</u>	GIP <u>0</u>	Ft. in DC <u>234</u>	Ft. in DP <u>11</u>
Rec. <u>65</u>	Feet Of <u>Slit mud cut with</u>	%gas <u></u>	%oil <u>84</u> %water <u>16</u> %mud <u></u>
Rec. <u>180</u>	Feet Of <u>with</u>	%gas <u></u>	%oil <u>100</u> %water <u></u> %mud <u></u>
Rec. <u></u>	Feet Of <u></u>	%gas <u></u>	%oil <u></u> %water <u></u> %mud <u></u>
Rec. <u></u>	Feet Of <u></u>	%gas <u></u>	%oil <u></u> %water <u></u> %mud <u></u>
Rec. <u></u>	Feet Of <u></u>	%gas <u></u>	%oil <u></u> %water <u></u> %mud <u></u>

BHT 119 °F Gravity — °API D@ — °F Corrected Gravity — °API
RW 0.91 @ 54 °F Chlorides 8,600 ppm Recovery Chlorides 2,000 ppm System

	AK-1	Alpine				
(A) Initial Hydrostatic Mud	<u>2325</u>	<u>2330</u>	PSI	Recorder No. <u>3017 "20-19"</u>	T-On Location	<u>6:00 P.M.</u>
(B) First Initial Flow Pressure	<u>65</u>	<u>21</u>	PSI	(depth) <u>4771</u>	T-Started	<u>8:25 P.M.</u>
(C) First Final Flow Pressure	<u>72</u>	<u>84</u>	PSI	Recorder No. <u>10242</u>	T-Open	<u>10:20 P.M.</u>
(D) Initial Shut-In Pressure	<u>793</u>	<u>820</u>	PSI	(depth) <u>4805</u>	T-Pulled	<u>1:20 A.M.</u>
(E) Second Initial Flow Pressure	<u>121</u>	<u>87</u>	PSI	Recorder No. <u>13630</u>	T-Out	<u>4:20 A.M.</u>
(F) Second Final Flow Pressure	<u>130</u>	<u>128</u>	PSI	(depth) <u>4897</u>	T-Off Location	<u></u>
(G) Final Shut-in Pressure	<u>288</u>	<u>809</u>	PSI	Initial Opening <u>30</u>	Test	<u>700</u> ✓
(Q) Final Hydrostatic Mud	<u>2356</u>	<u>2324</u>	PSI	Initial Shut-in <u>60</u>	Jars	<u>200</u> ✓

30402019.017
TRILOBITE TESTING L.L.C. SHALL NOT BE LIABLE FOR DAMAGE OF ANY KIND OF THE PROPERTY OR PERSONNEL OF THE ONE FOR WHOM A TEST IS MADE, OR FOR ANY LOSS SUFFERED OR SUSTAINED, DIRECTLY OR INDIRECTLY, THROUGH THE USE OF ITS EQUIPMENT, OR ITS STATEMENTS OR OPINION CONCERNING THE RESULTS OF ANY TEST. TOOLS LOST OR DAMAGED IN THE HOLE SHALL BE PAID FOR AT COST BY THE PARTY FOR WHOM THE TEST IS MADE.

Approved By Wesley Hansen

Our Representative Jimmy S. Salge

Final Flow 30
Final Shut-in 60

Safety Joint 50 ✓
Straddle 250 ✓
Circ. Sub
Sampler 200 ✓
Extra Packer 159
Elec. Rec. 150 ✓
Mileage
Other 120 2 Hrs. ✓
TOTAL PRICE \$ 4760.00