TRILOBITE TESTING L.L.C.

OPERATOR : OXY U.S.A. DATE 4-1-98
WELL NAME: V.L.A. #703 KB 2951.00 ft TICKET NO: 10214 DST #1
LOCATION : 31-30S-30W Haskell KS GR 2940.00 ft FORMATION: Lansing "A"
INTERVAL : 4082.00 To 4108.00 ft TD 4108.00 ft TEST TYPE: CONVENTIONAL

RECORDER DATA

Mins		Field	1	2	3	4
PF 30	Rec.	10242	10242	Alpine		
SI 60	Range(Psi)	4100.0	4100.0	5000.0	0.0	0.0
SF 30	Clock(hrs)	12 HR	12 HR	24 HR		
FS 120	Depth(ft)	4105.0	4105.0	4084.0	0.0	0.0

TIME DATA----------
PF Fr. 0610 to 0640 hr
IS Fr. 0640 to 0740 hr
SF Fr. 0740 to 0810 hr
FS Fr. 0810 to 1010 hr

	Field	1	2	3	4
A. Init Hydro	1963.0	1969.0	1944.0	0.0	0.0
B. First Flow	574.0	565.0	505.0	0.0	0.0
B1. Final Flow	804.0	810.0	811.0	0.0	0.0
C. In Shut-in	1030.0	1032.0	1026.0	0.0	0.0
D. Init Flow	896.0	892.0	851.0	0.0	0.0
E. Final Flow	989.0	978.0	966.0	0.0	0.0
F. Fl Shut-in	1040.0	1047.0	1031.0	0.0	0.0
G. Final Hydro	1911.0	1941.0	1923.0	0.0	0.0
Inside/Outside	O	O	I		

T STARTED 0400 hr
T ON BOTM 0607 hr
T OPEN 0610 hr
T PULLED 1010 hr
T OUT 1440 hr

TOOL DATA----------

Tool Wt.	1800.00 lbs
Wt Set On Packer	22000.00 lbs
Wt Pulled Loose	58000.00 lbs
Initial Str Wt	100000.00 lbs
Unseated Str Wt	112000.00 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	713.00 ft
D.P. Length	3371.00 ft

RECOVERY
Tot Fluid 4084.00 ft of 713.00 ft in DC and 3371.00 ft in DP
4084.00 ft of Clean Gassy Oil 60%Gas 40%Oil
0.00 ft of
0.00 ft of
0.00 ft of
0.00 ft of
0.00 ft of
0.00 ft of
0.00 ft of
SALINITY 0.00 P.P.M. A.P.I. Gravity 42.00

BLOW DESCRIPTION
Initial Flow:
Strong, Off bottom of bucket immediatly
Gas to surface in 6 min.
Initial Shut-in:
Strong, OBB blow-back.
Final Flow:
Guaged 12,500 CFPD. Flowed oil 30 min.
into
Final Shut-in:
Strong blow-back, "Oil & Gas"

No gas sample caught due to oil.

SAMPLES: None
SENT TO:

MUD DATA----------

Mud Type	Chemical
Weight	9.10 lb/ci
Vis.	46.00 S/L
W.L.	9.00 in3
F.C.	0.00 in
Mud Drop Y	60.0 ft
Amt. of fill	4.00 ft
Btm. H. Temp.	114.00 F
Hole Condition	Fair
% Porosity	10.00
Packer Size	6.75 in
No. of Packers	2
Cushion Amt.	0.00
Cushion Type	
Reversed Out	Y
Tool Chased	N
Tester	Lanny Saloga
Co. Rep.	John Slater
Contr.	Cheyenne
Rig #	7
Unit #	
Pump T.	

Test Successful: Y

TRILOBITE TESTING L.L.C.

OPERATOR : OXY U.S.A. DATE 4-1-98
WELL NAME: V.L.A. #703 KB 2951.00 ft TICKET NO: 10214 DST #1
LOCATION : 31-30S-30W Haskell KS GR 2940.00 ft FORMATION: Lansing "A"
INTERVAL : 4082.00 To 4108.00 ft TD 4108.00 ft TEST TYPE: CONVENTIONAL

RECORDER DATA

	Mins		Field	1	2	3	4
PF	30	Rec.	10242	10242	Alpine		
SI	60	Range(Psi)	4100.0	4100.0	5000.0	0.0	0.0
SF	30	Clock(hrs)	12 HR	12 HR	24 HR		
FS	120	Depth(ft)	4105.0	4105.0	4084.0	0.0	0.0

TIME DATA----------
PF Fr. 0610 to 0640 hr
IS Fr. 0640 to 0740 hr
SF Fr. 0740 to 0810 hr
FS Fr. 0810 to 1010 hr

	Field	1	2	3	4
A. Init Hydro	1963.0	1969.0	1944.0	0.0	0.0
B. First Flow	574.0	565.0	505.0	0.0	0.0
B1. Final Flow	804.0	810.0	811.0	0.0	0.0
C. In Shut-in	1030.0	1032.0	1026.0	0.0	0.0
D. Init Flow	896.0	892.0	851.0	0.0	0.0
E. Final Flow	989.0	978.0	966.0	0.0	0.0
F. Fl Shut-in	1040.0	1047.0	1031.0	0.0	0.0
G. Final Hydro	1911.0	1941.0	1923.0	0.0	0.0
Inside/Outside	O	O	I		

T STARTED 0400 hr
T ON BOTM 0607 hr
T OPEN 0610 hr
T PULLED 1010 hr
T OUT 1440 hr

TOOL DATA----------

Tool Wt.	1800.00 lbs
Wt Set On Packer	22000.00 lbs
Wt Pulled Loose	58000.00 lbs
Initial Str Wt	100000.00 lbs
Unseated Str Wt	112000.00 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	713.00 ft
D.P. Length	3371.00 ft

RECOVERY
Tot Fluid 4084.00 ft of 713.00 ft in DC and 3371.00 ft in DP
4084.00 ft of Clean Gassy Oil 60%Gas 40%Oil
0.00 ft of
0.00 ft of
0.00 ft of
0.00 ft of
0.00 ft of
0.00 ft of
0.00 ft of
SALINITY 0.00 P.P.M. A.P.I. Gravity 42.00

MUD DATA----------

Mud Type	Chemical
Weight	9.10 lb/cf
Vis.	46.00 S/L
W.L.	9.00 in3
F.C.	0.00 in
Mud Drop Y	60.0 ft
Amt. of fill	4.00 ft
Btm. H. Temp.	114.00 F
Hole Condition	Fair
% Porosity	10.00
Packer Size	6.75 in
No. of Packers	2
Cushion Amt.	0.00
Cushion Type	
Reversed Out	Y
Tool Chased	N
Tester	Lanny Saloga
Co. Rep.	John Slater
Contr.	Cheyenne
Rig #	7
Unit #	
Pump T.	

BLOW DESCRIPTION
Initial Flow:
Strong, Off bottom of bucket immediatly
Gas to surface in 6 min.
Initial Shut-in:
Strong, OBB blow-back.
Final Flow:
Guaged 12,500 CFPD. Flowed oil 30 min.
into
Final Shut-in:
Strong blow-back, "Oil & Gas"

No gas sample caught due to oil.

SAMPLES: None
SENT TO:

Test Successful: Y

Well name V.L.A. #703

DST # 2

Recorder # 10242

A	1.795	1906	
B			
C	.030	35	
D	.361	421	
E	.034	40	
F	.057	666	
G	.346	404	
H	1.875	1988	

Well name V.L.A. #703

DST # 1

Recorder # 10242

A	1.856	1969	
B	.492	565	
C	.729	810	
D	.942	1032	
E	.806	892	
F	.890	978	
G	.956	1047	
H	1.830	1941	

*** TOOL DIAGRAM *** CONVENTIONAL

WELL NAME: V.L.A. #703

LOCATION : 31-30S-30W Haskell KS

TICKET No. 10214 D.S.T. No. 1 DATE 4-1-98

TOTAL TOOL TO BOTTOM OF TOP PACKERS 30

INTERVAL TOOL .....

BOTTOM PACKERS AND ANCHOR 26

TOTAL TOOL 56

DRILL COLLAR ANCHOR IN INTERVAL .....

D.C. ANCHOR STND.Stands Single Total

D.P. ANCHOR STND.Stands Single Total

TOTAL ASSEMBLY 56

D.C. ABOVE TOOLS.Stands 12 Single Total 713

D.P. ABOVE TOOLS.Stands 54 Single 1 Total 3371

TOTAL DRILL COLLARS DRILL PIPE & TOOLS .. 4140

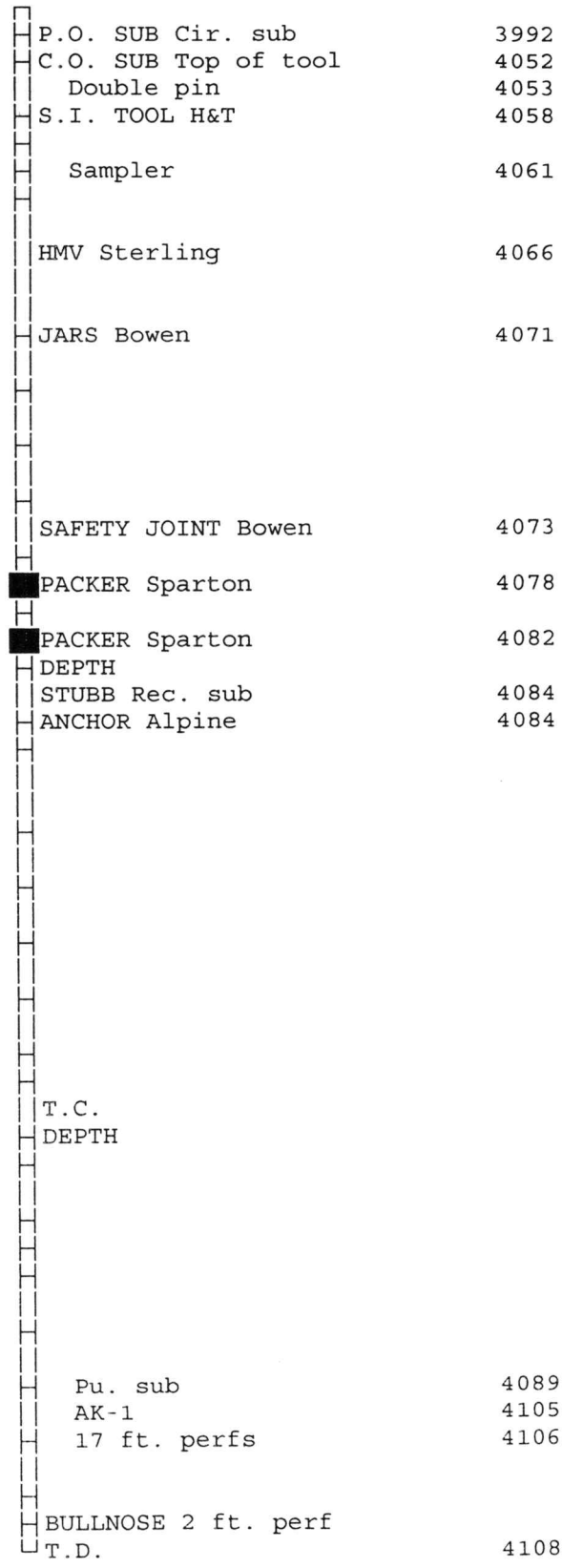
TOTAL DEPTH 4108

TOTAL DRILL PIPE ABOVE K.B. 32

REMARKS:

FLUID SAMPLER DATA

Total Vol. 4000 ML.
Total Vol. Rec. 1600 ML.
Oil 1600 ML.
Mud 0 ML.
Wtr. 0 ML.
Gas 11.6 CF.
Psi. 980
Bht. 114 F.
Pit RW. 5.0 Ohms at 60 F. 1,300 PPM.
Rec RW. --- Ohms at -- F. ----- PPM.
Gravity 42 at 60 F.



TEST HISTORY

10214 D.S.T.#1 V.L.A. #703 OXY U.S.A.

Flag Points

	t(Min.)	P(PSI)
A:	0.00	1944.16
B:	0.00	505.35
C:	30.00	811.90
D:	62.00	1026.36
E:	0.00	851.76
F:	28.00	966.03
G:	124.00	1031.60
Q:	0.00	1923.10

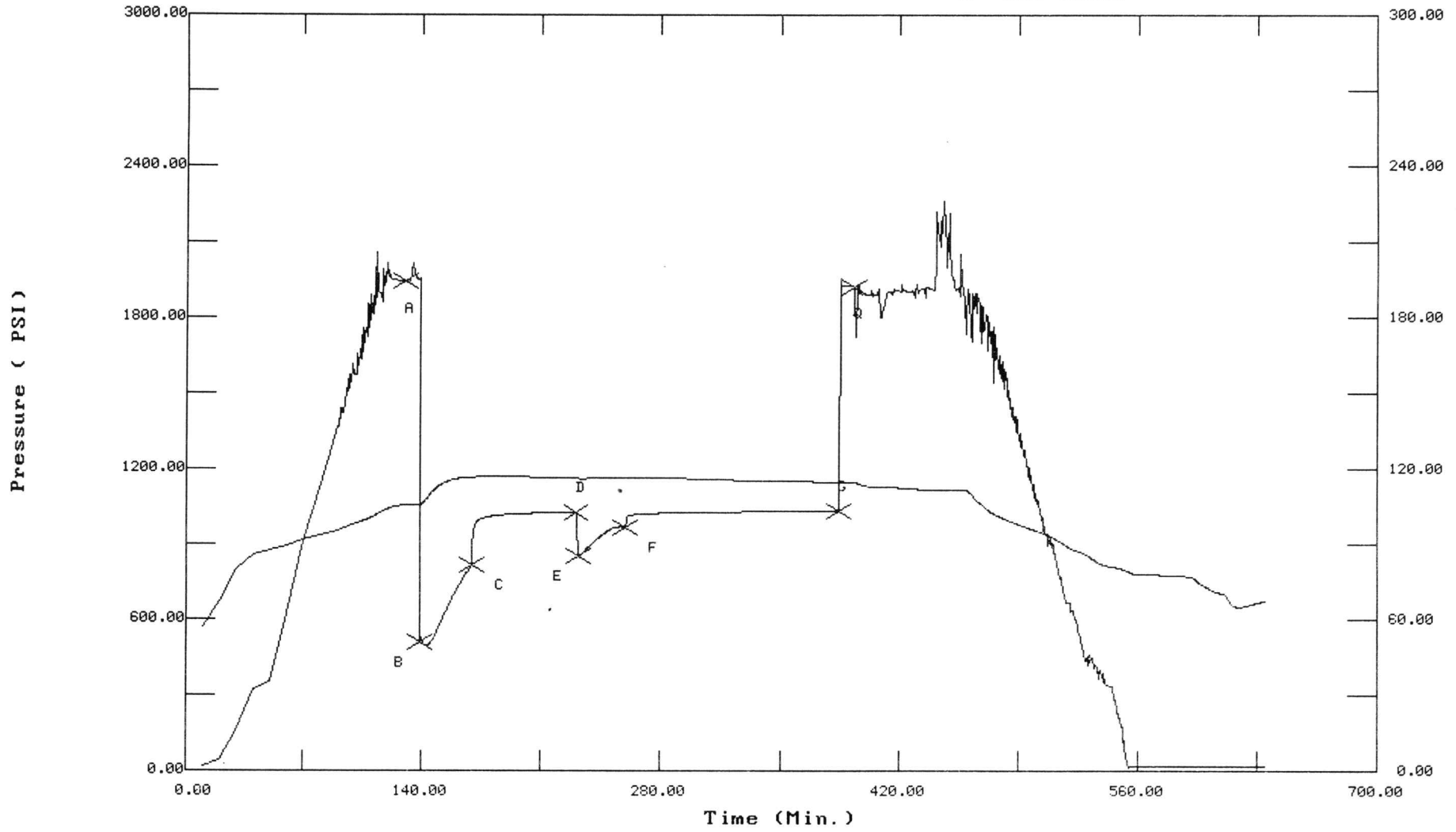
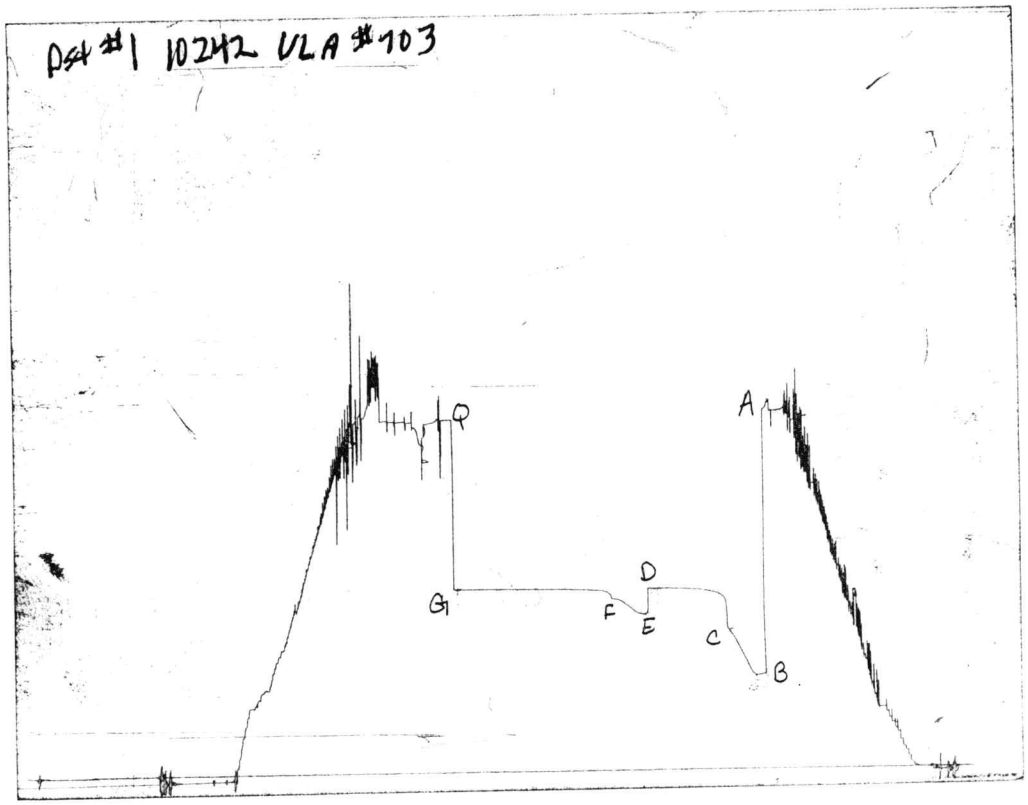


CHART PAGE



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. 10214 Date 4-1-98

Company Name OXY USA

Lease V.L.A. #703 Test No. 1

County Haskell Sec. 31 Twp. 30S Rng. 30W

Total Vol. = 4000 ML.

SAMPLER RECOVERY

Gas 1166 C.F. ~~MI~~

Oil 1600 ML

Mud 0 ML

Water 0 ML

Other 0 ML

Pressure 980 PSI

Total Vol. Rec. 1600 ML

PIT MUD ANALYSIS

Chlorides 1,300 ppm.

Resistivity 5.0 ohms @ 60 F

Viscosity 46

Mud Weight 9.1

Filtrate 9.0

Other 4 # L.C.M.

SAMPLER ANALYSIS

Resistivity — ohms @ — F

Chlorides — ppm.

Gravity 42 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 • (913) 625-4778

GAS VOLUME REPORT

OXY USA (OPERATOR) | V.L.A. #703 (WELL NAME AND NO.) | 1 (DST NO.)

GTS 6 Min. into I.F.P.

I.F.P.				F.F.P.			
Min.	Ins. of Water PSIG	Orifice Size	CF/D	Min.	Ins. of Water PSIG	Orifice Size	CF/D
10	16	3/4"	56,800	10	4	1/2"	12,500
20	15	1/2"	24,500	20	2	"	8,870
30	8	"	17,200	30	Flowing Oil "Short Tool In"		
				40	—	—	—
				50	—	—	—

Remarks: Gas burned.
No Gas sample "Flowing Oil"

TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Test Ticket

Nº 10214

Well Name & No. V.L.A. #703 Test No. 1 Date 4-1-98

Company Oxy U.S.A. Zone Tested Lansing "A"

Address 2 Copies to Tulsa 3 Copies to Liberal Elevation 2951 KB 2940 GL

Co. Rep / Geo. John Slater Cont. Cheyenne Rig 7 Est. Ft. of Pay 6 Por. 10 %

Location: Sec. 31 Twp. 30S. Rge. 30W. Co. Haskell State KS.

No. of Copies Reg Distribution Sheet (Y, N) N Turnkey (Y, N) N. Evaluation (Y, N) _____

Interval Tested 4082-4108 Initial Str Wt./Lbs. 100,000 Unseated Str Wt./Lbs. 112,000

Anchor Length 26 Tool = 30' Wt. Set Lbs. 22,000 Wt. Pulled Loose/Lbs. 58,000

Top Packer Depth 4077 Tool Weight 4,800

Bottom Packer Depth 4082 Hole Size — 7 7/8" _____ Rubber Size — 6 3/4" _____

Total Depth 4108 Wt. Pipe Run — Drill Collar Run 12 713

Mud Wt. 9.1 LCM 4# Vis. 46 WL 9.0 Drill Pipe Size 4½ X.H. Ft. Run 3371 32' up 54+1

Blow Description Strong Immed. GTS in 6 Min. See Flow Chart I.F.P.
Strong BOB blow-back I.S.I.P.
See Flow Chart "Flowed Oil 30 Min. into F.F.P.
Strong blow-back "Oil & Gas" F.S.I.P.

Recovery — Total Feet 4084 GIP — Ft. in DC 713 Ft. in DP 3371

Rec. 4084	Feet Of Clean Grassy Oil	60 %gas	40 %oil	%water	%mud
Rec. _____	Feet Of _____	%gas	%oil	%water	%mud
Rec. _____	Feet Of _____	%gas	%oil	%water	%mud
Rec. _____	Feet Of _____	%gas	%oil	%water	%mud
Rec. _____	Feet Of _____	%gas	%oil	%water	%mud

BHT 114 °F Gravity 41 °API D@ 50 °F Corrected Gravity 42 °API

RW — @ — °F Chlorides — ppm Recovery Chlorides 4,300 ppm System

(A) Initial Hydrostatic Mud	1963	1944 PSI	Recorder No.	3017 "03:48"	T-Started	4:00 A.M.
(B) First Initial Flow Pressure	574	505 PSI	(depth)	4084	T-Open	6:10 A.M.
(C) First Final Flow Pressure	804	811 PSI	Recorder No.	10242	T-Pulled	10:10 A.M.
(D) Initial Shut-in Pressure	1030	1026 PSI	(depth)	4105	T-Out	_____
(E) Second Initial Flow Pressure	896	851 PSI	Recorder No.	—		
(F) Second Final Flow Pressure	989	966 PSI	(depth)	—		
(G) Final Shut-in Pressure	1040	1031 PSI	Initial Opening	30	Test	700
(H) Final Hydrostatic Mud	1911	1923 PSI	Initial Shut-in	60	Jars	200
	AK-1	Alpine	Final Flow	30	Safety Joint	150
			Final Shut-in	120	Straddle	_____
					Circ. Sub	135
					Sampler	200
					Extra Packer	_____
					Elect. Rec.	150
					Other	_____

4018034B-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 _____

1335

TRILOBITE TESTING L.L.C.

OPERATOR : Oxy U.S.A. DATE 4-2-98
WELL NAME: V.L.A. #703 KB 2951.00 ft TICKET NO: 10215 DST #2
LOCATION : 31-30s-30w Haskell KS GR 2940.00 ft FORMATION: Lansing "A"
INTERVAL : 4120.00 To 4134.00 ft TD 4134.00 ft TEST TYPE: CONVENTIONAL

RECORDER DATA

Mins		Field	1	2	3	4
PF 30	Rec.	10242	10242	3017		
SI 60	Range(Psi)	4100.0	4100.0	5000.0	0.0	0.0
SF 60	Clock(hrs)	12hr	12hr	elect		
FS 120	Depth(ft)	4131.0	4131.0	4122.0	0.0	0.0

	Field	1	2	3	4
A. Init Hydro	1890.0	1906.0	1961.0	0.0	0.0
B. First Flow	0.0	0.0	0.0	0.0	0.0
B1. Final Flow	20.0	35.0	36.0	0.0	0.0
C. In Shut-in	360.0	421.0	408.0	0.0	0.0
D. Init Flow	46.0	40.0	25.0	0.0	0.0
E. Final Flow	81.0	66.0	94.0	0.0	0.0
F. Fl Shut-in	408.0	404.0	398.0	0.0	0.0
G. Final Hydro	1984.0	1988.0	1949.0	0.0	0.0
Inside/Outside	O	O	I		

TIME DATA----------
PF Fr. 0340 to 0410 hr
IS Fr. 0410 to 0510 hr
SF Fr. 0510 to 0610 hr
FS Fr. 0610 to 0810 hr

T STARTED 0130 hr
T ON BOTM 0338 hr
T OPEN 0340 hr
T PULLED 0810 hr
T OUT 1145 hr

RECOVERY
Tot Fluid 150.00 ft of 150.00 ft in DC and 0.00 ft in DP
150.00 ft of Gas in pipe
90.00 ft of Heavy mud cut gassy oil
0.00 ft of 35% gas 20% oil 45% mud
60.00 ft of Slight oil cut muddy water
0.00 ft of 3% oil 53% water 44% mud
0.00 ft of
0.00 ft of
0.00 ft of
SALINITY 27000.00 P.P.M. A.P.I. Gravity 42.00

TOOL DATA----------

Tool Wt.	1800.00 lbs
Wt Set On Packer	24000.00 lbs
Wt Pulled Loose	170000.00 lbs
Initial Str Wt	101000.00 lbs
Unseated Str Wt	101000.00 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	713.00 ft
D.P. Length	3400.00 ft

BLOW DESCRIPTION
Initial Flow:
Very weak surface blow died in 15 min
Initial Shut-in:
No blow back
Final Flow:
Weak blow 1/2" built to strong blow
bottom of bucket in 30 mins.
Final Shut-in:
Bled off 2", no blow back
Tool plugged throught I.F.P. Opened
when rotated for I.S.I.P.
Tool was plugged on "B" first intial
flow pressure on test chart.

SAMPLES:
SENT TO:

MUD DATA----------

Mud Type	chemical
Weight	9.00 lb/cf
Vis.	49.00 S/L
W.L.	8.80 in3
F.C.	0.00 in
Mud Drop Y	50.0 ft
Amt. of fill	5.00 ft
Btm. H. Temp.	112.00 F
Hole Condition	fair
% Porosity	12.00
Packer Size	6.75 in
No. of Packers	2
Cushion Amt.	0.00
Cushion Type	
Reversed Out	N
Tool Chased	N
Tester	Lanny & Scott
Co. Rep.	John Slater
Contr.	Cheyenne
Rig #	7
Unit #	
Pump T.	

Test Successful: Y

*** TOOL DIAGRAM *** CONVENTIONAL

ELL NAME: V.L.A. #703

OCATION : 31-30s-30w Haskell KS

ICKET No. 10215 D.S.T. No. 2 DATE 4-2-98

OTAL TOOL TO BOTTOM OF TOP PACKERS 30

NTERVAL TOOL .....

OTTOM PACKERS AND ANCHOR 14

OTAL TOOL 44

RILL COLLAR ANCHOR IN INTERVAL .....

.C. ANCHOR STND.Stands Single Total

.P. ANCHOR STND.Stands Single Total

OTAL ASSEMBLY .....

.C. ABOVE TOOLS.Stands12 Single Total 713

.P. ABOVE TOOLS.Stands55 Single Total 3400

OTAL DRILL COLLARS DRILL PIPE & TOOLS .. 4157

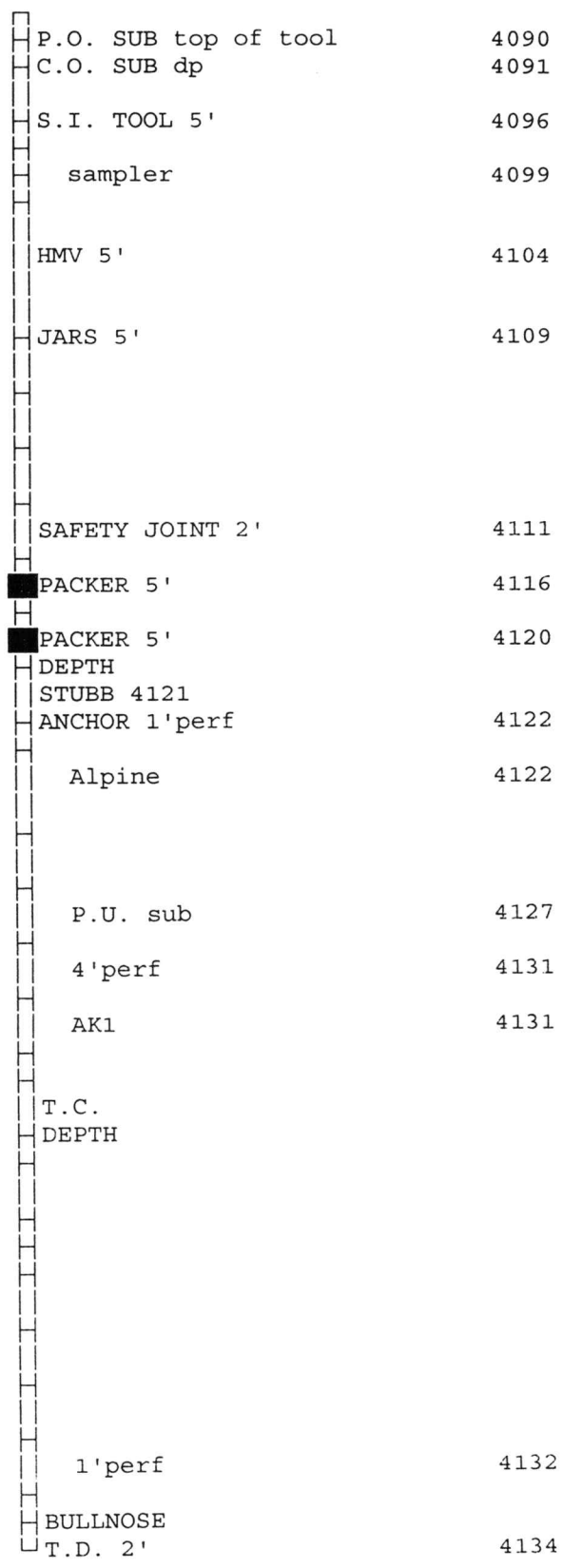
OTAL DEPTH 4134

OTAL DRILL PIPE ABOVE K.B. 23

EMARKS:

FLUID SAMPLER DATA

Total Vol. 4000 ML.
Total Vol. Rec. 4000 ML.
Oil 500 ML.
Mud - - ML.
Wtr. 3500 ML.
Gas 2.0 CF.
Psi. 170
Bht. 112 F.
Pit RW. 5.0 Ohms at 60 F. 1,300 PPM.
Rec RW. 0.29 Ohms at 60 F. 27,000 PPM.
Gravity 42 at 60 F.



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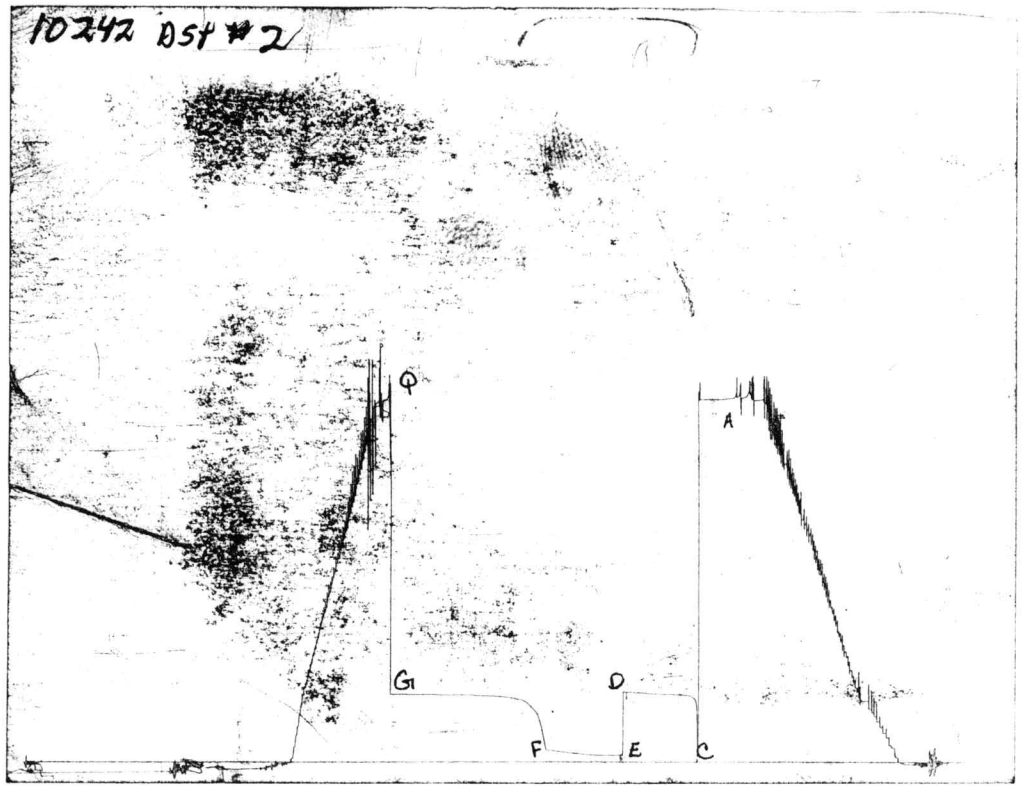


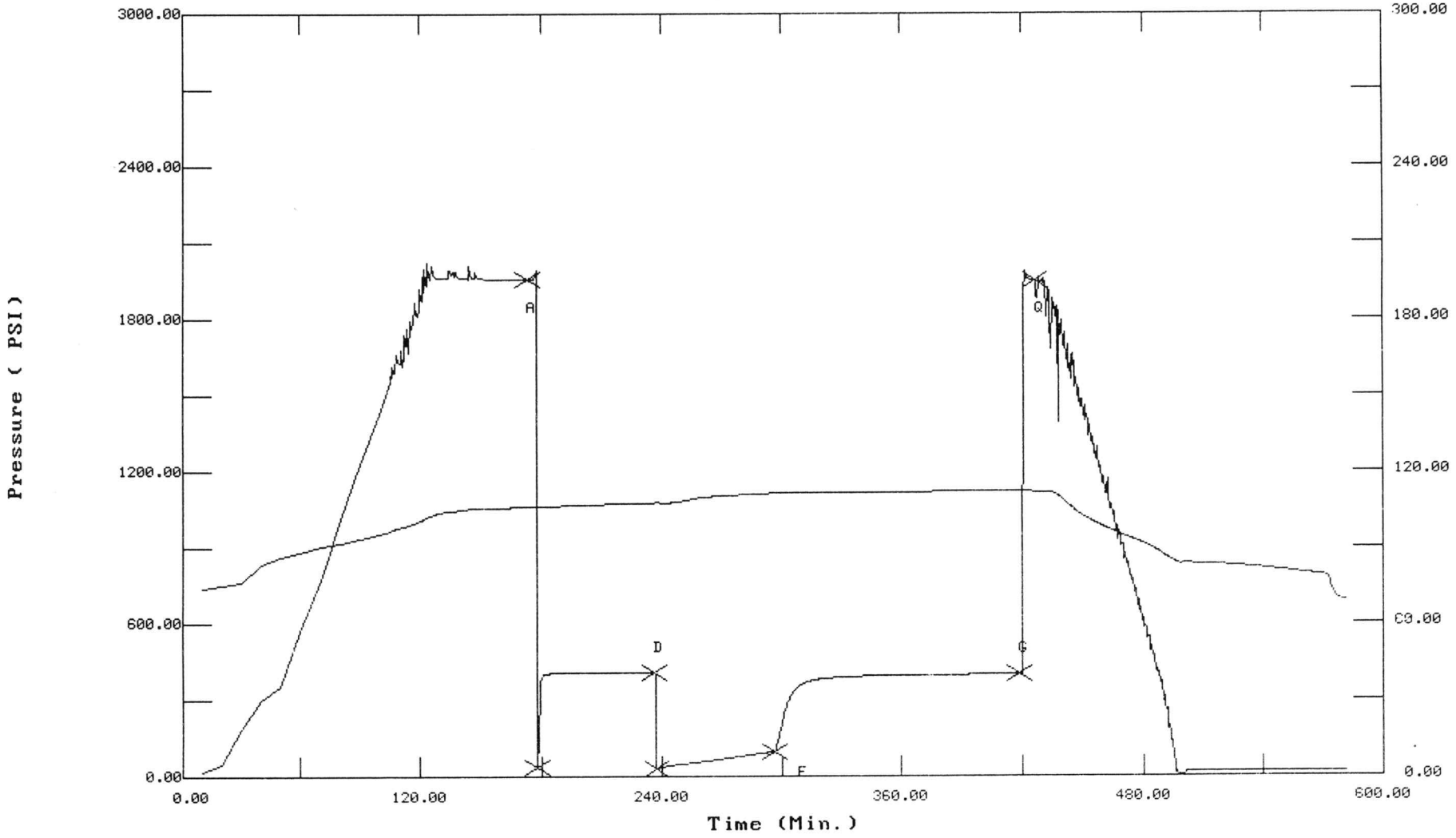
This is a photocopy of the actual AK-1 recorder chart

TEST HISTORY

10215 D.S.T.#2 V.L.A. #703 OXY U.S.A.

Flag Points

	t(Min.)	P(PSI)
A:	0.00	1956.26
B:	0.00	36.11
C:	0.00	36.11
D:	58.50	408.58
E:	0.00	25.53
F:	59.00	94.47
G:	122.00	398.16
Q:	0.00	1949.43



TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Test Ticket

№ 10215

Well Name & No. V.L.A. #703 Test No. 2 Date 4-2-98

Company Oxy U.S.A. Zone Tested Lansing "A"

Address 2 copies to Tulsa 3 copies to Liberal Elevation 2951 KB 2940 GL

Co. Rep / Geo. John Slater Cont. Cheyenne Rig 7 Est. Ft. of Pay 10 Por. 12 %

Location: Sec. 31 Twp. 30s. Rge. 30 w. Co. Haskell State Ks.

No. of Copies Req Distribution Sheet (Y, N) N Turnkey (Y, N) N. Evaluation (Y, N) _____

Interval Tested 4120 - 4134 Initial Str Wt./Lbs. 101,000 Unseated Str Wt./Lbs. 101,000

Anchor Length 14' Tool = 30' Wt. Set Lbs. 24,000 Wt. Pulled Loose/Lbs. 70,000

Top Packer Depth [redacted] 4115 Tool Weight 1800

Bottom Packer Depth [redacted] 4120 Hole Size — 7 7/8" ✓ Rubber Size — 6 3/4" ✓

Total Depth 4134 Wt. Pipe Run — Drill Collar Run 12 713

Mud Wt. 9.0 LCM 2 Vis. 49 WL 8.8 Drill Pipe Size 4½ X.H. Ft. Run 3400 55 23 4P

Blow Description I.O. Very Weak surface Blow died in 15 min.
I.S.I No blow back [redacted]
2nd opening Weak blow, 50" built to Strong blow B.O.B. in 30 min.
F.S.I Bled off 2" no blow back

Recovery — Total Feet 150 GIP 150 Ft. in DC 150 Ft. in DP —

Rec. 90	Feet Of	Hvly mud cut G.O.	35 %gas	20 %oil	%water	45 %mud
Rec. 60	Feet Of	S/i O cut muddy W.	%gas	3 %oil	53 %water	44 %mud
Rec.	Feet Of		%gas	%oil	%water	%mud
Rec.	Feet Of		%gas	%oil	%water	%mud
Rec.	Feet Of		%gas	%oil	%water	%mud

BHT 112 °F Gravity 42 °API D@ 60 °F Corrected Gravity 42 °API

RW 0.29 @ 62 °F Chlorides 27,000 ppm Recovery Chlorides 1300 ppm System

(A) Initial Hydrostatic Mud	1890	1961	PSI	Recorder No. 3017 "01:15"	T-Started [redacted] 01:30 A.M.
(B) First Initial Flow Pressure	Plugged	Plugged	PSI	(depth) 4122	T-Open 03:40 A.M.
(C) First Final Flow Pressure	20	36	PSI	Recorder No. 10242	T-Pulled 08:10 A.M.
(D) Initial Shut-in Pressure	360	408	PSI	(depth) 4132	T-Out
(E) Second Initial Flow Pressure	46	25	PSI	Recorder No.	
(F) Second Final Flow Pressure	81	94	PSI	(depth)	
(G) Final Shut-in Pressure	408	398	PSI	Initial Opening 30	Test ✓ Conventional 700
(H) Final Hydrostatic Mud	1984	1949	PSI	Initial Shut-in 60	Jars ✓ 200
	AK1	Alpine		Final Flow 60	Safety Joint ✓ 50
				Final Shut-in 120	Straddle
					Circ. Sub ✓ N/C
					Sampler ✓ 200
					Extra Packer
					Elect. Rec. ✓ 150
					Other

1300

40280/14,017

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 [signature]

TRILOBITE TESTING L.L.C.

P.O. Box 362 - Hays, Kansas 67601

FLUID SAMPLER DATA

Ticket No. 10215 Date 4-2-98

Company Name Oxy U.S.A.

Lease V.L.A. #703 Test No. DST #2

County Haskell Sec. 31 Twp. 30S Rng. 30W

Total Vol. 4000 ml.

SAMPLER RECOVERY

Gas 2.0 C.F. ~~M~~

Oil 500 ML

Mud — ML

Water 3500 ML

Other ML

Pressure 170 PSI

Total Vol. Rec. 4000 ML

PIT MUD ANALYSIS

Chlorides 4300 ppm.

Resistivity 5.0 ohms @ 60 F

Viscosity 49

Mud Weight 9.0

Filtrate 8.8

Other LCM 2

SAMPLER ANALYSIS

Resistivity 0.29 ohms @ 62° F

Chlorides 27,000 ppm.

Gravity 42 corrected @ 60 F

PIPE RECOVERY

TOP

Resistivity ____ ohms @ ____ F

Chlorides ____ ppm.

MIDDLE

Resistivity ____ ohms @ ____ F

Chlorides ____ ppm.

BOTTOM

Resistivity 0.29 ohms @ 62° F

Chlorides 27,000 ppm.