15-081-21340 Presco 'B' 1 25-27s-34w

TRILOBITE TESTING L.L.C.

OPERATOR : Oxy USA Inc.
WELL NAME: Presco "A-4"
LOCATION : 25-27S-34W Haskell co KS
INTERVAL : 4681.00 To 4761.00 ft

DATE 8-29-00
KB 3036.00 ft
GR 3023.00 ft
TD 4761.00 ft

TICKET NO: 12649 DST #1
FORMATION: Marmaton
TEST TYPE: CONVENTIONAL

RECORDER DATA

Mins		Field	1	2	3	4
PF 30	Rec.	10242	10242	3017		
SI 60	Range(Psi)	4175.0	4175.0	5000.0	0.0	0.0
SF 60	Clock(hrs)	12 HR	12 HR	Elect		
FS 120	Depth(ft)	4758.0	4758.0	4683.0	0.0	0.0

TIME DATA----------
PF Fr. 0755 to 0825 hr
IS Fr. 0825 to 0925 hr
SF Fr. 0925 to 1025 hr
FS Fr. 1025 to 1225 hr

	Field	1	2	3	4
A. Init Hydro	2305.0	2340.0	2216.0	0.0	0.0
B. First Flow	109.0	127.0	31.0	0.0	0.0
B1. Final Flow	133.0	142.0	105.0	0.0	0.0
C. In Shut-in	1331.0	1337.0	1296.0	0.0	0.0
D. Init Flow	198.0	220.0	120.0	0.0	0.0
E. Final Flow	214.0	226.0	170.0	0.0	0.0
F. Fl Shut-in	1316.0	1322.0	1281.0	0.0	0.0
G. Final Hydro	2292.0	2302.0	2207.0	0.0	0.0
Inside/Outside	I	I	I		

T STARTED 0600 hr
T ON BOTM 0753 hr
T OPEN 0755 hr
T PULLED 1225 hr
T OUT 1530 hr

RECOVERY
Tot Fluid 340.00 ft of 274.00 ft in DC and 66.00 ft in DP
690.00 ft of Gas in pipe
65.00 ft of Oil & Gas cut Mud
0.00 ft of 8% gas 10% oil 82% mud
100.00 ft of Oil cut gassy mud
0.00 ft of 58% gas 20% oil 22% mud
80.00 ft of Gassy oil cut watery mud
0.00 ft of 20% gas 4% oil 51% water 25% mud
95.00 ft of Gassy water 3% gas 97% water
SALINITY 7550.00 P.P.M. A.P.I. Gravity 32.00

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

Tool Wt.	2800.00 lbs
Wt Set On Packer	20000.00 lbs
Wt Pulled Loose	16000.00 lbs
Initial Str Wt	74000.00 lbs
Unseated Str Wt	74000.00 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	274.00 ft
D.P. Length	4409.00 ft

BLOW DESCRIPTION
Initial Flow:
Weak 1/2" built to strong bottom of bucket in 14 minutes.
Initial Shut-In:
No blow back.
Final Flow:
Weak 1/4" built to strong bottom of bucket in 21 minutes.
Final Shut-In:
1" blow back.
Remarks: Est. 16 Ft. of Pay.

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

Mud Type	Chemical
Weight	9.10 lb/c
Vis.	45.00 S/L
W.L.	10.60 in3
F.C.	0.00 in
Mud Drop Y	20.0 ft
Amt. of fill	0.00 ft
Btm. H. Temp.	120.00 F
Hole Condition	Good
% Porosity	16.00
Packer Size	6.75 in
No. of Packers	2
Cushion Amt.	0.00
Cushion Type	
Reversed Out	N
Tool Chased	N
Tester	Lanny Saloga
Co. Rep.	Tom Heflin
Contr.	Cheyenne
Rig #	12
Unit #	
Pump T.	

SAMPLES: None
SENT TO:

Test Successful: Y

*** TOOL DIAGRAM *** CONVENTIONAL

WELL NAME: Presco "A-4"

LOCATION : 25-27S-34W Haskell co KS

TICKET No. 12649 D.S.T. No. 1 DATE 8-29-00

TOTAL TOOL TO BOTTOM OF TOP PACKERS 30

INTERVAL TOOL .....

BOTTOM PACKERS AND ANCHOR 18

TOTAL TOOL 48

DRILL COLLAR ANCHOR IN INTERVAL .....

D.C. ANCHOR STND.Stands Single Total

D.P. ANCHOR STND.Stands Single 2 Total 62

TOTAL ASSEMBLY 110

D.C. ABOVE TOOLS.Stands 3 Single Total 274

D.P. ABOVE TOOLS.Stands 47 Single 1 Total 4409

TOTAL DRILL COLLARS DRILL PIPE & TOOLS .. 4793

TOTAL DEPTH 4761

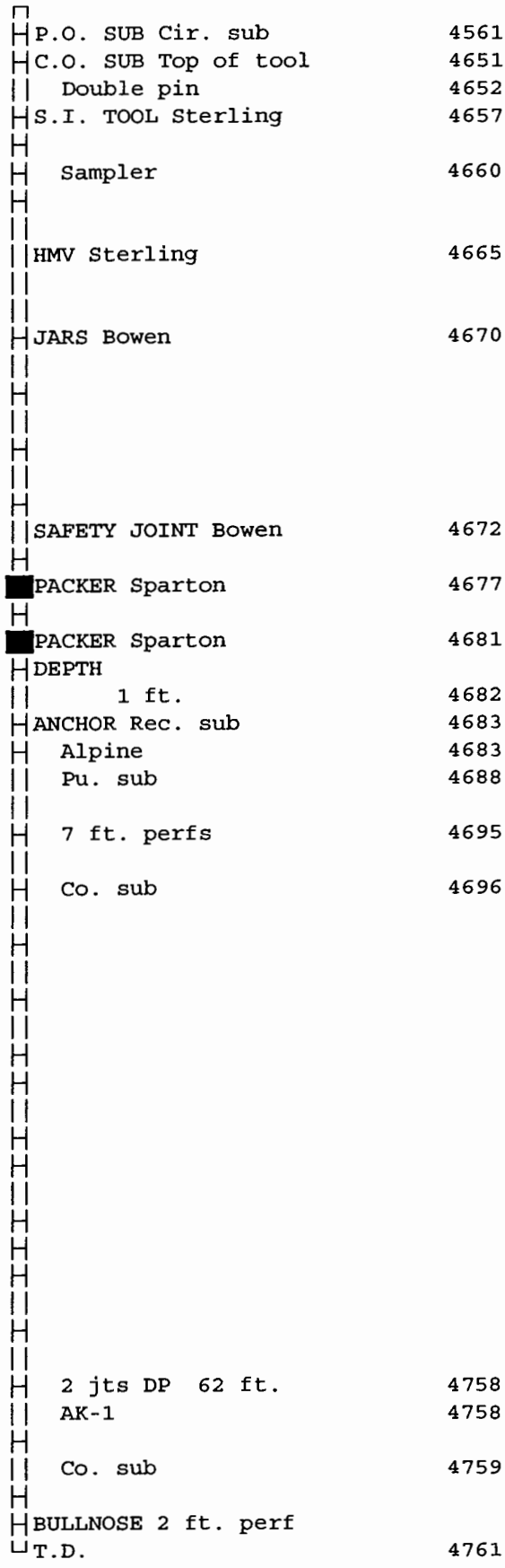
TOTAL DRILL PIPE ABOVE K.B. 32

REMARKS:

FLUID SAMPLER DATA

Total Vol.	4000 ML.
Total Vol. Rec.	2600 ML.
Oil	600 ML.
Mud	0 ML.
Wtr.	2000 ML.
Gas	6.8 CF.
Psi.	470
Bht.	120 F.

Pit RW. 2.9 Ohms at 76 F. 1,800 PPM.
Rec RW. 0.60 Ohms at 94 F. 7,550 PPM.
Gravity 32 at 60 F.



TEST HISTORY

12649 D.S.T.#1 Presco "A-4" Oxy U.S.A.

Flag Points

	t(Min.)	P(PSIg)
A:	0.00	2216.24
B:	0.00	31.23
C:	30.25	105.61
D:	59.75	1296.33
E:	0.00	120.25
F:	60.75	170.38
G:	120.00	1281.49
Q:	0.00	2207.49

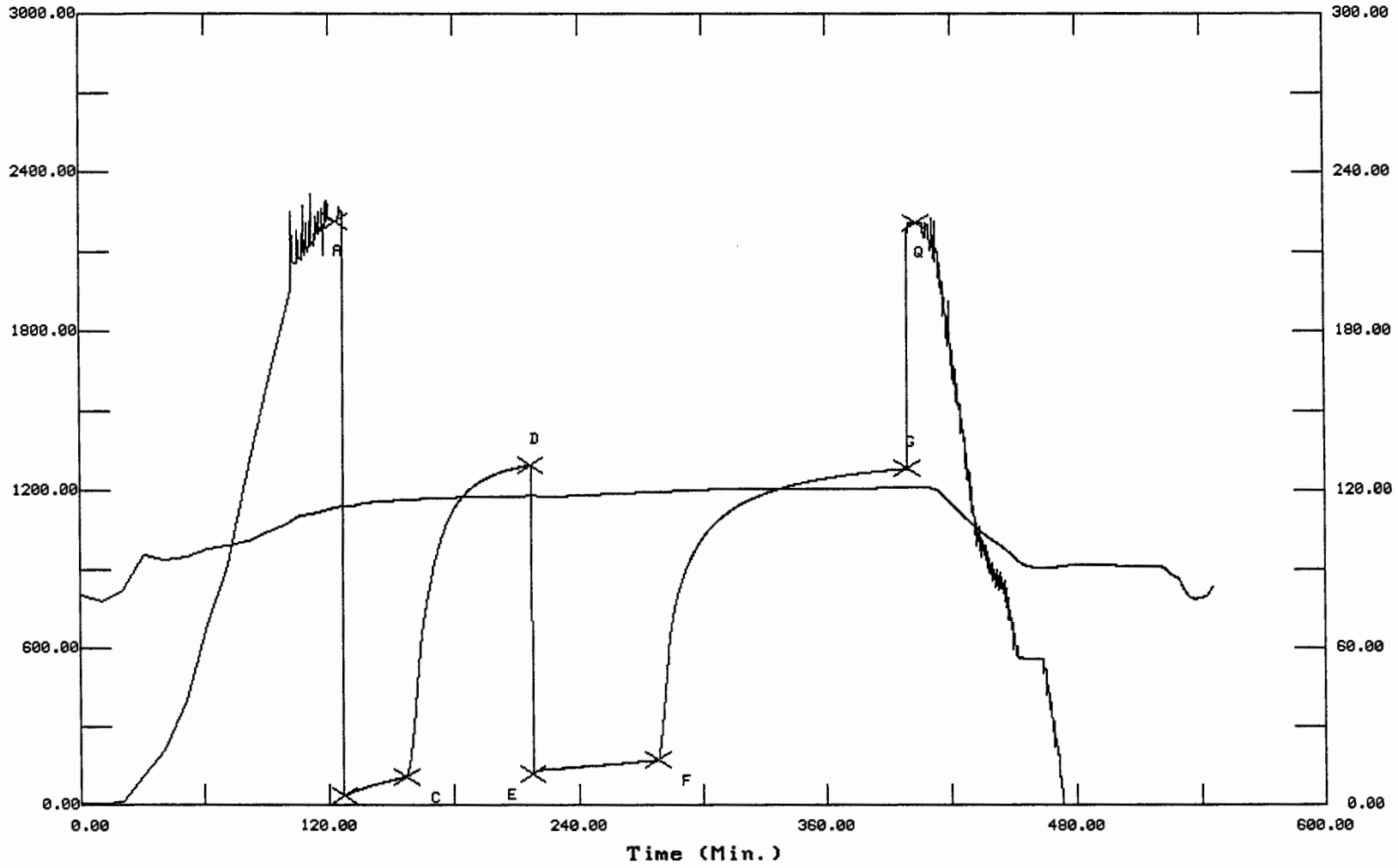
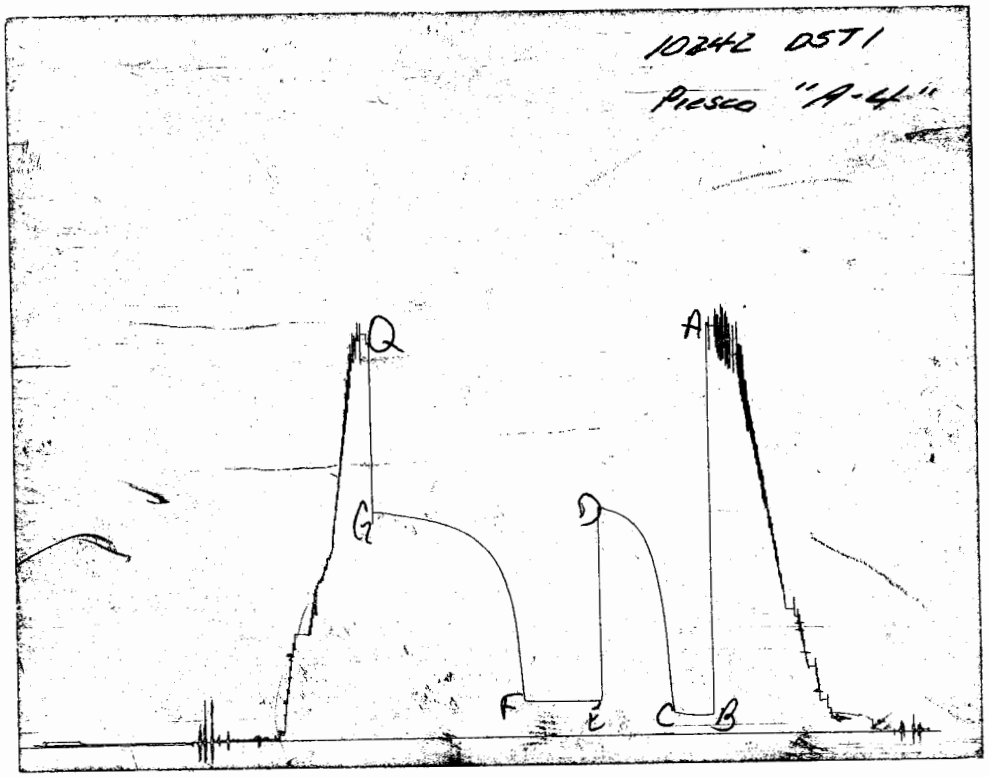


CHART PAGE



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. 12649 Date 8-29-00

Company Name Oxy USA

Lease Prasco "A-4" Test No. 1

County Haskell Ks. Sec. 25 Twp. 27S Rng. 34W

SAMPLER RECOVERY

Gas Ga. 8 C.F. ~~MM~~

Oil 600 ML

Mud 0 ML

Water 2000 ML

Other 0 ML

Pressure 470 PSI

Total Vol. Rec. = 2600 ML

Total Vol. Chamber = 4000 ML.

PIT MUD ANALYSIS

Chlorides 1,800 ppm.

Resistivity 2.9 ohms @ 76 F

Viscosity 45

Mud Weight 9.1

Filtrate 10.6

Other 2# LoCoMo

SAMPLER ANALYSIS

Resistivity 0.60 ohms @ 94 F

Chlorides 7,550 ppm.

Gravity 32 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

№ 12649

Well Name & No. Presco "A-4" Test No. 1 Date 8-29-00

Company Oxy USA Inc Zone Tested Marmaton

Address P.O. Box 2528 Liberal Ks 67905 Houston TX. Elevation 3036 KB 3023 GL

Co. Rep / Geo. Tom Heflin Cont. Cheyenne Rig 12 Est. Ft. of Pay 16 Por. 16 %

Location: Sec. 25 Twp. 27S Rge. 34 W Co. Haskell State Ks

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

Presco Western Denver Colo

Interval Tested 4681-4761 | Initial Str Wt./Lbs. 74,000 | Unseated Str Wt./Lbs. 74,000

Anchor Length 80' Tool = 30' | Wt. Set Lbs. 20,000 | Wt. Pulled Loose/Lbs. 16,000

Top Packer Depth 4676 | Tool Weight 2,800

Bottom Packer Depth 4681 | Hole Size — 7 7/8" | Rubber Size — 6 3/4"

Total Depth 4761 | Wt. Pipe Run — | Drill Collar Run 274

Mud Wt. 9.1 LCM 2# Vis. 45 WL 10.6 | Drill Pipe Size 4 1/2 XH | Ft. Run 4409 32' up

Blow Description Weak 1/2" built to strong OBB in 14 min. I.F.P.

No blow-back I.S.I.P.

weak 1/4" built to strong OBB in 21 min. F.F.P.

1" blow-back. F.S.I.P.

Recovery — Total Feet 340 GIP 690 Ft. in DC 274 Ft. in DP 66

Rec.	Feet Of	%gas	%oil	%water	%mud
65	Oil & Gas cut Mud	8	10		82
100	Oil cut Gassy Mud	58	20		22
80	Gassy oil cut Wtry Mud	20	4	51	25
95	Gassy Wtr	3		97	

BHT 120 °F Gravity 36 °API D@ 100 °F Corrected Gravity 32 °API

RW 0.60 @ 94 °F Chlorides 7,550 ppm Recovery Chlorides 4,800 ppm System

	AK-1	Alpine			
(A) Initital Hydrostatic Mud	2305	2216	PSI	Recorder No. 3017 "05:49"	T-On Location 4:30 A.M. 1:30
(B) First Initial Flow Pressure	109	31	PSI	(depth) 4683	T-Started 6:00 A.M.
(C) First Final Flow Pressure	133	105	PSI	Recorder No. 10242	T-Open 7:55 A.M.
(D) Initial Shut-In Pressure	1331	1296	PSI	(depth) 4758	T-Pulled 12:25 P.M. 9:30
(E) Second Initial Flow Pressure	198	120	PSI	Recorder No. —	T-Out 15:30 P.M. 1 1/2
(F) Second Final Flow Pressure	214	170	PSI	(depth) —	T-Off Location
(G) Final Shut-in Pressure	1316	1281	PSI	Initial Opening 30	Test 750
(Q) Final Hydrostatic Mud	2292	2207	PSI	Initial Shut-in 60	Jars 200
				Final Flow 60	Safety Joint 50
				Final Shut-in 120	Straddle
					Circ. Sub
					Sampler 200
					Extra Packer
					Elec. Rec. 150
					Mileage 55
					Other 2 Hrs. 100
					TOTAL PRICE $ 1465 00

82900549.017

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Approved By Tom Heflin

Our Representative Larry A. Salyer

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