15-081-21342

4-27s-33w

TRILOBITE TESTING L.L.C.

OPERATOR : OXY U.S.A. Inc. DATE 9-19-00
WELL NAME: Atkins N#1 KB 0.00 ft TICKET NO: 13070 DST #1
LOCATION : 4-27s-33w Haskell co KS GR 0.00 ft FORMATION: Morrow
INTERVAL : 5105.00 To 5124.00 ft TD 5124.00 ft TEST TYPE: CONVENTIONAL

RECORDER DATA

	Mins		Field	1	2	3	4
PF	30	Rec.	13277	13277	3026		
SI	60	Range(Psi)	4125.0	4125.0	4995.0	0.0	0.0
SF	60	Clock(hrs)	18hr	18hr	elect		
FS	120	Depth(ft)	5124.0	5124.0	5112.0	0.0	0.0

TIME DATA----------
PF Fr. 1607 to 1637 hr
IS Fr. 1637 to 1737 hr
SF Fr. 1737 to 1837 hr
FS Fr. 1837 to 2037 hr

	Field	1	2	3	4
A. Init Hydro	2474.0	2514.0	2420.0	0.0	0.0
B. First Flow	21.0	14.0	16.0	0.0	0.0
B1. Final Flow	32.0	20.0	35.0	0.0	0.0
C. In Shut-in	1346.0	1348.0	1365.0	0.0	0.0
D. Init Flow	75.0	64.0	43.0	0.0	0.0
E. Final Flow	86.0	82.0	71.0	0.0	0.0
F. Fl Shut-in	1367.0	1371.0	1382.0	0.0	0.0
G. Final Hydro	2432.0	2497.0	2380.0	0.0	0.0
Inside/Outside	O	O	I		

T STARTED 1405 hr
T ON BOTM 1606 hr
T OPEN 1607 hr
T PULLED 2037 hr
T OUT 2300 hr

RECOVERY
Tot Fluid 93.00 ft of 93.00 ft in DC and 0.00 ft in DP
93.00 ft of Oil cut mud
0.00 ft of 15% oil 85% mud
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 0.00

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

Tool Wt.	1800.00 lbs
Wt Set On Packer	24000.00 lbs
Wt Pulled Loose	120000.00 lbs
Initial Str Wt	102000.00 lbs
Unseated Str Wt	102000.00 lbs
Bot Choke	0.78 in
Hole Size	7.78 in
D Col. ID	2.25 in
D. Pipe ID	3.38 in
D.C. Length	632.00 ft
D.P. Length	4472.00 ft

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

Mud Type	chemical
Weight	9.00 lb/c
Vis.	40.00 S/L
W.L.	9.80 in3
F.C.	0.00 in
Mud Drop	
Amt. of fill	0.00 ft
Btm. H. Temp.	125.00 F
Hole Condition	good
% Porosity	0.00
Packer Size	6.75 in
No. of Packers	2
Cushion Amt.	0.00
Cushion Type	
Reversed Out N	
Tool Chased N	
Tester	Scott Bugbee
Co. Rep.	Tim Hedrick
Contr.	Cheyenne
Rig #	12
Unit #	
Pump T.	

BLOW DESCRIPTION
Initial Flow:
Weak surface lbow built to 1.5"
Initial Shut-IN:
No blow back.
Final Flow:
Weak blow built to 2.5"
Final Shut-In:
No blow back.

SAMPLES:
SENT TO:

Test Successful: Y

*** TOOL DIAGRAM *** CONVENTIONAL

WELL NAME: Atkins N#1

LOCATION : 4-27s-33w Haskell co KS

TICKET No. 13070 D.S.T. No. 1 DATE 9-19-00

TOTAL TOOL TO BOTTOM OF TOP PACKERS 30

INTERVAL TOOL .....

BOTTOM PACKERS AND ANCHOR 19

TOTAL TOOL 49

DRILL COLLAR ANCHOR IN INTERVAL .....

D.C. ANCHOR STND.Stands Single Total

D.P. ANCHOR STND.Stands Single Total

TOTAL ASSEMBLY .....

D.C. ABOVE TOOLS.Stands7 Single Total 632

D.P. ABOVE TOOLS.Stands41 Single Total 4472

TOTAL DRILL COLLARS DRILL PIPE & TOOLS .. 5153

TOTAL DEPTH 5124

TOTAL DRILL PIPE ABOVE K.B. 29

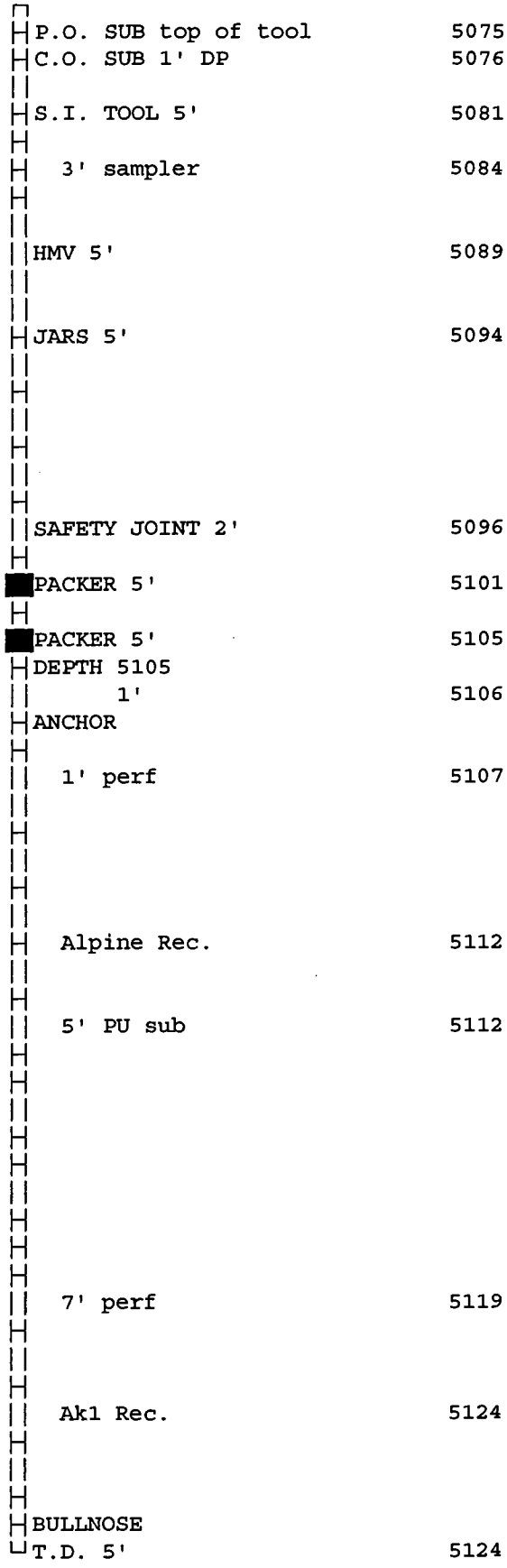
REMARKS:

Sampler Data

600 psi

4000 ml gassy oilcut muddy water

10%G 5%O 30%M 55%W



TEST HISTORY

13070 DST#1 Atkins N#1 OXY U.S.A.

Flag Points

	t(Min.)	P(PSIg)
A:	0.00	2420.20
B:	0.00	16.87
C:	28.50	35.63
D:	60.50	1365.64
E:	0.00	43.10
F:	58.50	71.90
G:	119.50	1382.56
Q:	0.00	2380.04

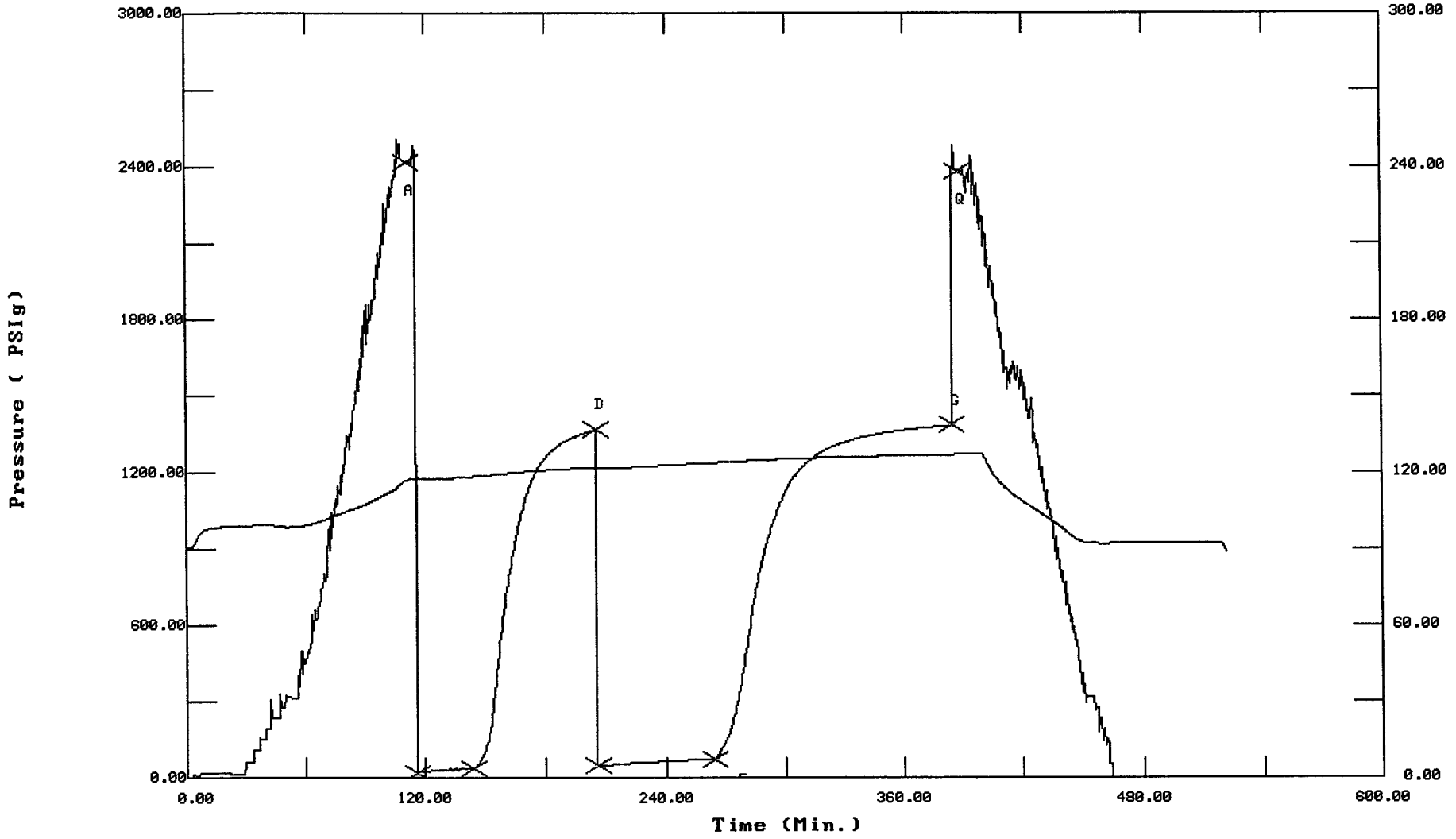
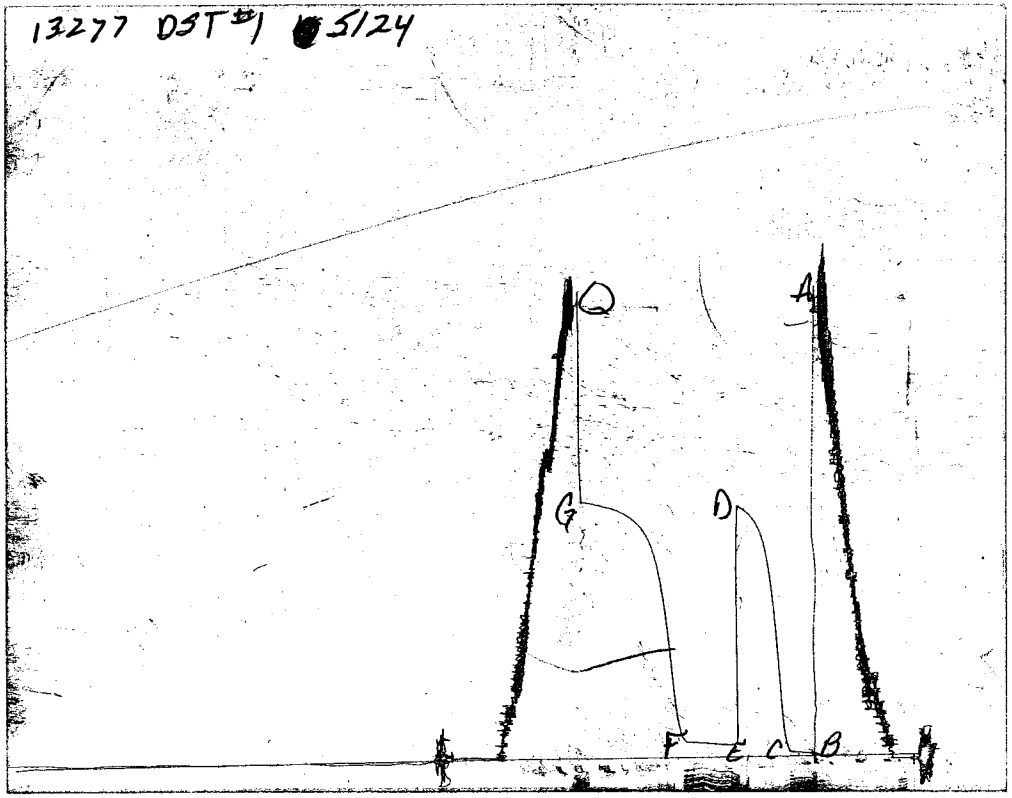


CHART PAGE



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

TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

№ 13070

Test Ticket

Well Name & No. Atkins N #1 Test No. #1 Date 9-19-00

Company Oxy U.S.A. Zone Tested Morrow

Address P.O. Box 2528 Liberal Ks. 67905 Elevation ____ KB ____ GL

Co. Rep / Geo. Tim Hedrick Cont. Cheyenne 12 Est. Ft. of Pay ____ Por. ____ %

Location: Sec. [redacted] 4 Twp. 27S Rge. 33W Co. Haskell State Ks.

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

Interval Tested 5105-5124

Anchor Length 19'

Top Packer Depth 5100

Bottom Packer Depth 5105

Total Depth 5124

Mud Wt. 9.0 LCM 4 Vis. 40 WL 9.8

Initial Str Wt./Lbs. 102,000 Unseated Str Wt./Lbs. 102,000

Wt. Set Lbs. 24,000 Wt. Pulled Loose/Lbs. 120,000

Tool Weight 1800

Hole Size — 7 7/8" ✓ Rubber Size — 6 3/4" ✓

Wt. Pipe Run ____ Drill Collar Run 632

Drill Pipe Size 4½XH Ft. Run 4472

Blow Description 1st open weak surface blow built to 1½"
No blow back
2nd open weak blow built to 2½"
No blow back

Recovery — Total Feet 93 GIP 90 Ft. in DC 93 Ft. in DP ____

Rec. 93	Feet Of Oil Cut mud	%gas	15 %oil	%water	85 %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 125 °F Gravity ____ °API D@ ____ °F Corrected Gravity ____ °API

RW ____ @ ____ °F Chlorides ____ ppm Recovery Chlorides ____ ppm System

	AK-1	Alpine	
(A) Initial Hydrostatic Mud	2474	2420	PSI
(B) First Initial Flow Pressure	21	14	PSI
(C) First Final Flow Pressure	32	35	PSI
(D) Initial Shut-In Pressure	1346	1365	PSI
(E) Second Initial Flow Pressure	75	43	PSI
(F) Second Final Flow Pressure	86	71	PSI
(G) Final Shut-in Pressure	1367	1382	PSI
(Q) Final Hydrostatic Mud	2432	2380	PSI

Recorder No. 3026 (depth) 5112

Recorder No. 13277 (depth) 5124

Recorder No. ____ (depth) ____

Initial Opening 30

Initial Shut-in 60

Final Flow 60

Final Shut-in 120

T-On Location 12:45 PM 1:20

T-Started 1:05 PM

T-Open 4:07 PM, 8:55

T-Pulled 5:37 PM, 10:05

T-Out 8:00 PM

T-Off Location ____

Test ✓	850.00
Jars ✓	200.00
Safety Joint ✓	50.00
Straddle	____
Circ. Sub ✓	N/C
Sampler ✓	200.00
Extra Packer	____
Elec. Rec. ✓	150.00
Mileage	60.00
Other	____
TOTAL PRICE $	1510.00

Approved By [signature]

Our Representative Scott Bagwell