15-129-21616

TRILOBITE TESTING L.L.C.

22-34s-41w

OPERATOR : Oxy USA
WELL NAME: Farris A#1
LOCATION : 22-34s-41w Morton co KS
INTERVAL : 5144.00 To 5169.00 ft

DATE 11-04-00
KB 0.00 ft
GR 0.00 ft
TD 5266.00 ft

TICKET NO: 13140 DST #1
FORMATION: Morrow
TEST TYPE: CONVENTIONALSTRADDLE

RECORDER DATA

	Mins		Field	1	2	3	4
PF	30	Rec.	11019	11019	3026	13277	
SI	60	Range(Psi)	4500.0	4500.0	4995.0	4125.0	0.0
SF	30	Clock(hrs)	18hr	18hr	elect	12hr	
FS	60	Depth(ft)	5163.0	5163.0	5148.0	5266.0	0.0

TIME DATA----------
PF Fr. 1733 to 1803 hr
IS Fr. 1803 to 1903 hr
SF Fr. 1903 to 1933 hr
FS Fr. 1933 to 2033 hr

	Field	1	2	3	4
A. Init Hydro	2556.0	0.0	2437.0	2391.0	0.0
B. First Flow	56.0	0.0	24.0	0.0	0.0
B1. Final Flow	56.0	0.0	28.0	0.0	0.0
C. In Shut-in	67.0	0.0	42.0	0.0	0.0
D. Init Flow	56.0	0.0	29.0	0.0	0.0
E. Final Flow	56.0	0.0	31.0	0.0	0.0
F. Fl Shut-in	56.0	0.0	45.0	0.0	0.0
G. Final Hydro	2488.0	0.0	2423.0	2360.0	0.0
Inside/Outside	O	O	I	O	

T STARTED 1500 hr
T ON BOTM 1732 hr
T OPEN 1733 hr
T PULLED 2033 hr
T OUT 2240 hr

RECOVERY
Tot Fluid 5.00 ft of 5.00 ft in DC and 0.00 ft in DP
5.00 ft of Mud
0.00 ft of 100% 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.	2000.00 lbs
Wt Set On Packer	30000.00 lbs
Wt Pulled Loose	120000.00 lbs
Initial Str Wt	100000.00 lbs
Unseated Str Wt	100000.00 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	634.00 ft
D.P. Length	4582.00 ft

BLOW DESCRIPTION
Initial Flow:
Weak 1 1/2" blow died to 1/2"
Initial Shut-In:
No blow back.
Final flow:
No blow
Bottom packer did not hold.

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

Mud Type	Chemical
Weight	9.00 lb/cf
Vis.	52.00 S/L
W.L.	8.40 in3
F.C.	0.00 in
Mud Drop	
Amt. of fill	0.00 ft
Btm. H. Temp.	120.00 F
Hole Condition	
% Porosity	0.00
Packer Size	6.75 in
No. of Packers	3
Cushion Amt.	0.00
Cushion Type	
Reversed Out N	
Tool Chased N	
Tester	Scott Bugbee
Co. Rep.	Marvin Harvey
Contr.	Cheyenne
Rig #	12
Unit #	
Pump T.	

SAMPLES:
SENT TO:

Test Successful: Y

*** TOOL DIAGRAM *** CONVENTIONALSTRADDLE

WELL NAME: Farris A#1

LOCATION : 22-34s-41w Morton co KS

TICKET No. 13140 D.S.T. No. 1 DATE 11-04-00

TOTAL TOOL TO BOTTOM OF TOP PACKERS 30

INTERVAL TOOL .....

BOTTOM PACKERS AND ANCHOR 33

TOTAL TOOL 66

DRILL COLLAR ANCHOR IN INTERVAL .....

D.C. ANCHOR STND.Stands Single Total

D.P. ANCHOR STND.Stands 1 Single Total 92

TOTAL ASSEMBLY 158

D.C. ABOVE TOOLS.Stands7 Single Total 634

D.P. ABOVE TOOLS.Stands39 Single Total 4490

TOTAL DRILL COLLARS DRILL PIPE & TOOLS .. 5282

TOTAL DEPTH 5266

TOTAL DRILL PIPE ABOVE K.B. 16

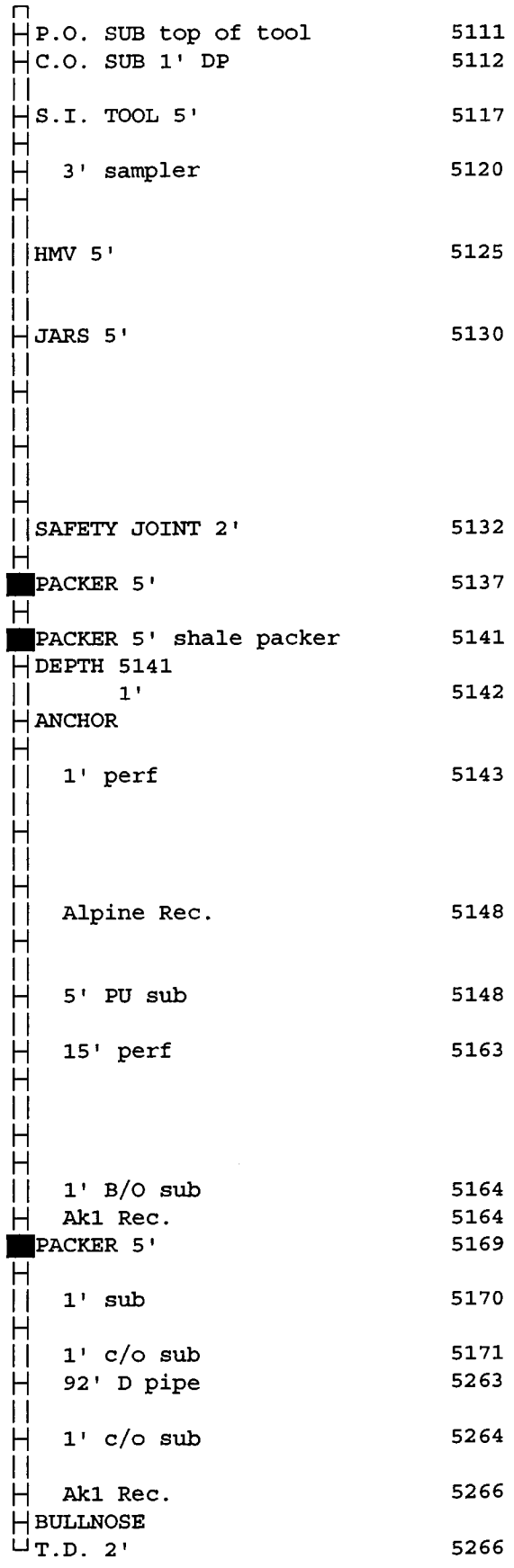
REMARKS:

Sampler Data

50 PSI

4000 ml mud

bottom packer did not hold



TEST HISTORY

13140 DST#1 Farris A#1 Oxy USA

Flag Points

	t(Min.)	P(PSIg)
A:	0.00	2437.88
B:	0.00	24.32
C:	31.00	28.46
D:	59.00	42.96
E:	0.00	29.58
F:	34.00	31.89
G:	55.50	45.51
Q:	0.00	2423.66

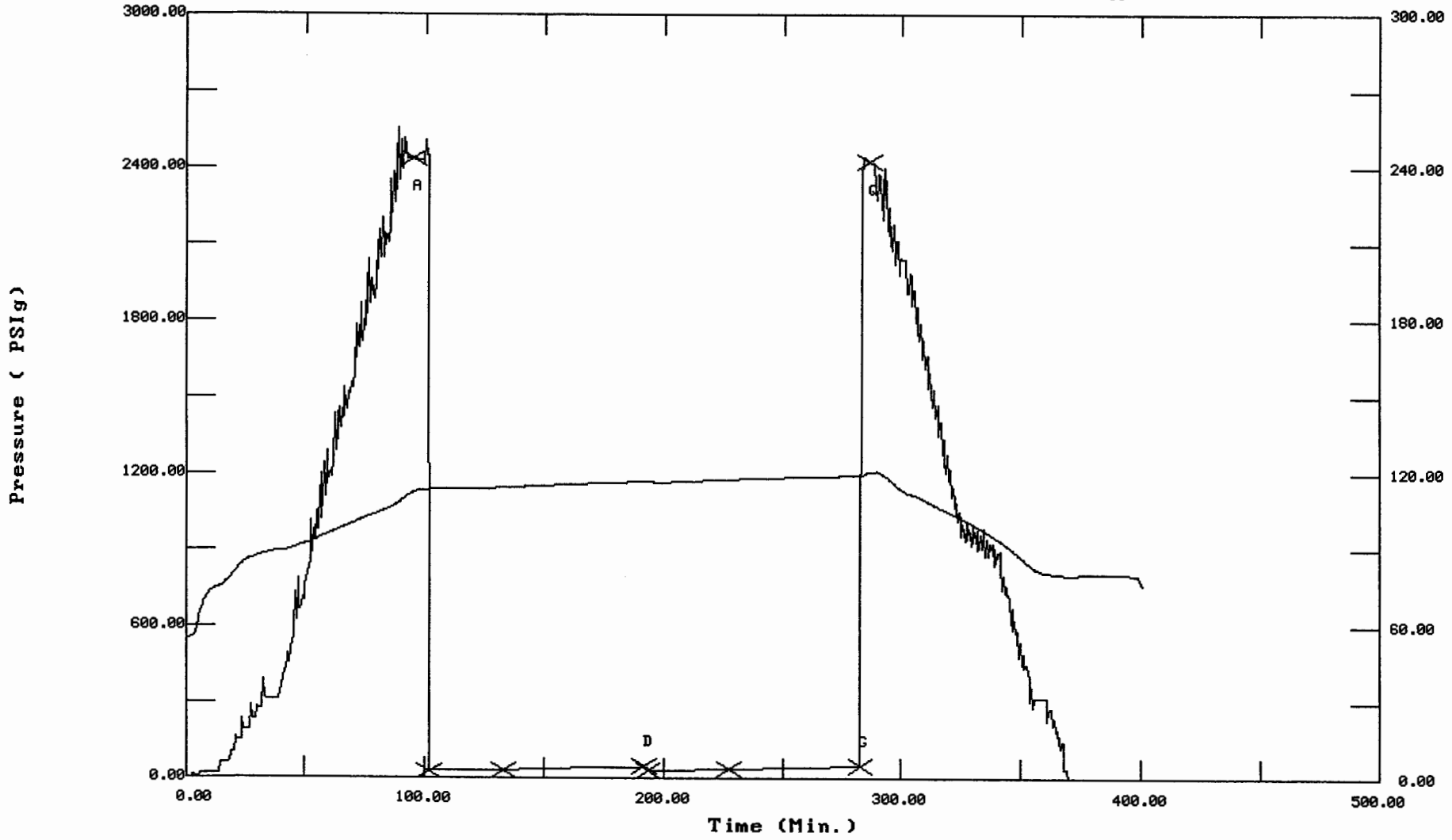
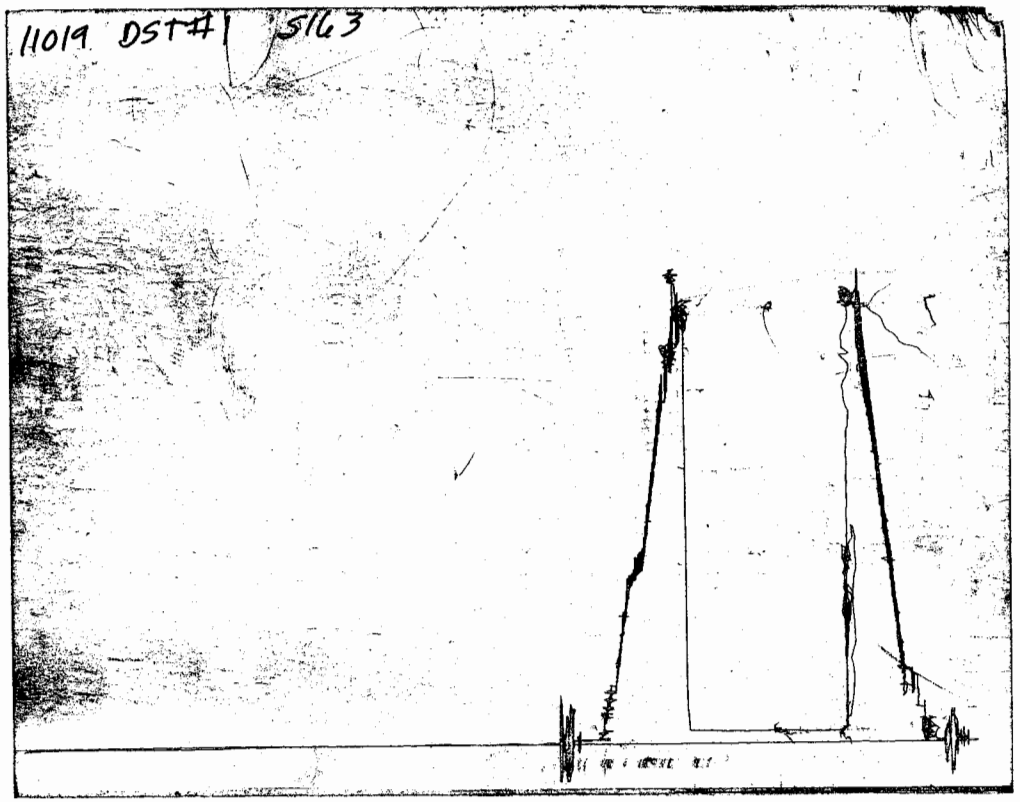
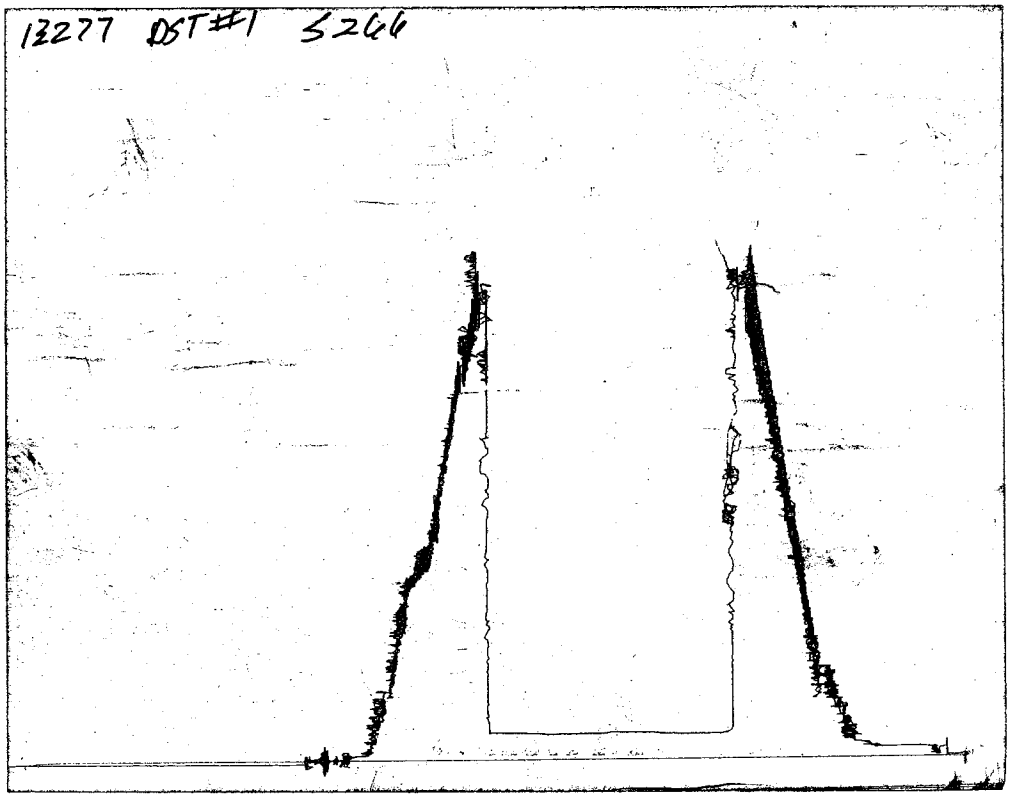


CHART PAGE



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

CHART PAGE



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TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

№ 13140

Test Ticket

Well Name & No. Farris A #1 Test No. ** 1 Date 11-4-00

Company OXY USA Zone Tested Morrow

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

Co. Rep / Geo. Marvin Harvey Cont. Cheyenne Rig 12 Est. Ft. of Pay ____ Por. ____ %

Location: Sec. 22 Twp. 34S Rge. 41W Co. Morton State Ks.

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

Interval Tested 5144-5169 Initial Str Wt./Lbs. 100,000 Unseated Str Wt./Lbs. 100,000

Anchor Length 28' Wt. Set Lbs. 30,000 Wt. Pulled Loose/Lbs. 110,000

Top Packer Depth 5144 Tool Weight 2000

Bottom Packer Depth 5169 Hole Size — 7 7/8" ✓ Rubber Size — 6 3/4" ✓

Total Depth 5266 Wt. Pipe Run ____ Drill Collar Run 634 75 Stds

Mud Wt. 9.0 LCM 7 Vis. 52 WL 8.4 Drill Pipe Size 4½ XH Ft. Run ~~492~~

Blow Description 1st open Weak 1/2" blow died to 1/2"
no blow back
2nd open no blow
Bottom Packer did not hold

Recovery — Total Feet 5 GIP ____ Ft. in DC 5 Ft. in DP ____

Rec. 5	Feet Of Mud	%gas	%oil	%water	100	%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 120 °F Gravity ____ °API D@ ____ °F Corrected Gravity ____ °API

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

	AK-1	Alpine				
(A) Initital Hydrostatic Mud	2556	2437	PSI	Recorder No.	3026	T-On Location 1:20 P.M. 1:40
(B) First Initial Flow Pressure	56	24	PSI	(depth)	5148	T-Started 3:00 P.M.
(C) First Final Flow Pressure	56	28	PSI	Recorder No.	13277	T-Open 5:33 P.M. 7:40
(D) Initial Shut-In Pressure	67	42	PSI	(depth)	5266	T-Pulled 8:33 P.M. 9:00
(E) Second Initial Flow Pressure	54	29	PSI	Recorder No.	11019	T-Out 10:40 P.M.
(F) Second Final Flow Pressure	56	31	PSI	(depth)	5163	T-Off Location ____
(G) Final Shut-in Pressure	56	45	PSI	Initial Opening	30	Test ✓ 850.00
(Q) Final Hydrostatic Mud	2488	2423	PSI	Initial Shut-in	60	Jars ✓ 200.00
				Final Flow	30	Safety Joint ✓ 50.00
				Final Shut-in	60	Straddle ✓ 250.00
						Circ. Sub ✓
						Sampler ✓ 200.00
						Extra Packer ✓ 150.00
						Elec. Rec. ✓ 150.00
						Mileage 30.00
						Other 3 tool packer 150.00
						TOTAL PRICE $ 2038.00

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 Marvin Harvey

Our Representative Scott Bugbee