

Computer Inventoried

15-187-20914

16-30s-39w

Well Name: Winger 1-316
Company: Presco Western
Location: 16-30s-39w
Stanton County Kansas
Date: 12-30-98

RECEIVED
KANSAS CONSERVATION COMMISSION

FEB 12 1999

CONSERVATION DIVISION
WICHITA, KS

2568a

TRILOBITE TESTING L.L.C.

OPERATOR : Presco Western DATE 12-28-98
WELL NAME: Winger 1-316 KB 3233.00 ft TICKET NO: 11711 DST #1
LOCATION : 16-30s-39w Stanton co. KS GR 3222.00 ft FORMATION: Morrow
INTERVAL : 5628.00 To 5660.00 ft TD 5660.00 ft TEST TYPE: CONVENTIONAL

RECORDER DATA

Table with columns: Mins, Field, 1, 2, 3, 4, TIME DATA. Rows include PF 30 Rec., SI 60 Range(Psi), SF 120 Clock(hrs), FS 120 Depth(ft).

Table with columns: A-G, Field, 1, 2, 3, 4, TOOL DATA. Rows include A. Init Hydro, B. First Flow, Bl. Final Flow, C. In Shut-in, D. Init Flow, E. Final Flow, F. Fl Shut-in, G. Final Hydro, Inside/Outside.

RECOVERY

Tot Fluid . 2.00 ft of 2.00 ft in DC and 0.00 ft in DP
2.00 ft of Mud 100%
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 0.00

BLOW DESCRIPTION

Initial Flow: Bottom of bucket in 1 mins. Gas to surface in 12 mins.
Initial Shut-in: No blow back
Final Flow: Bottom of bucket as soon as tool open
Final Shut-in: No blow back

SAMPLES:
SENT TO:

MUD DATA table with columns: Mud Type, Weight, Vis., W.L., F.C., Mud Drop Y, Amt. of fill, Btm. H. Temp., Hole Condition, % Porosity, Packer Size, No. of Packers, Cushion Amt., Cushion Type, Reversed Out N, Tool Chased N, Tester, Co. Rep., Contr., Rig #, Unit #, Pump T.

Test Successful: Y

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GAS RECOVERY

COMPANY: Presco Western DATE: 12-28-98
WELL NAME: Winger 1-316 KB Elev: 3233.00 ft TICKET #11711 DST #1
WELL LOCATION: 16-30s-39w GR Elev: 3222.00 ft FORMATION: Morrow
INTERVAL Fr.: 5628.00 To 5660.00 T.D.: 5660.00 ft TEST TYPE: CONVENTIONAL

GAS RECOVERY MEASURED WITH Merla

*** GAS RATES FOR FLOW #1

Time (min)	Orifice (in)	Pressure (Psi)	H2O (in)	Rate (cf/d)
15	0.50	20	0	177000.0
20	0.50	24	0	200000.0
25	0.50	28	0	222000.0
30	0.50	32	0	243000.0

*** GAS RATES FOR FLOW #2

Time (min)	Orifice (in)	Pressure (Psi)	H2O (in)	Rate (cf/d)
10	0.75	18	0	370000.0
20	0.75	20	0	398000.0
30	0.75	20	0	398000.0
50	0.75	20	0	398000.0
70	0.75	20	0	398000.0
90	0.75	20	0	398000.0
110	0.75	22	0	424000.0
120	0.75	22	0	424000.0

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*** TOOL DIAGRAM *** CONVENTIONAL

WELL NAME: Winger 1-316

LOCATION : 16-30s-39w

TICKET No. 11711 D.S.T. No. 1 DATE 12-28-98

TOTAL TOOL TO BOTTOM OF TOP PACKERS 30

INTERVAL TOOL

BOTTOM PACKERS AND ANCHOR 32

TOTAL TOOL 62

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.Stands12 Single Total 706

D.P. ABOVE TOOLS.Stands Single Total 4899

TOTAL DRILL COLLARS DRILL PIPE & TOOLS .. 5668

TOTAL DEPTH 5660

TOTAL DRILL PIPE ABOVE K.B. 8

REMARKS:

Sampler Data

300 psi

3.5 CFG

P.O. SUB top of tool	5598
C.O. SUB 1'	5599
S.I. TOOL 5'	5604
3' sampler	5607
HMV 5'	5612
JARS 5'	5617
SAFETY JOINT 2'	5619
PACKER 5'	5624
PACKER 5'	5628
DEPTH 5628	
STUBB 1'	5629
ANCHOR	
1' perf	5630
Alpine Rec.	5635
5' PU Sub	5635
T.C. DEPTH	
20' perf	5655
AK1 Rec.	5660
BULLNOSE	
T.D. 5'	5660

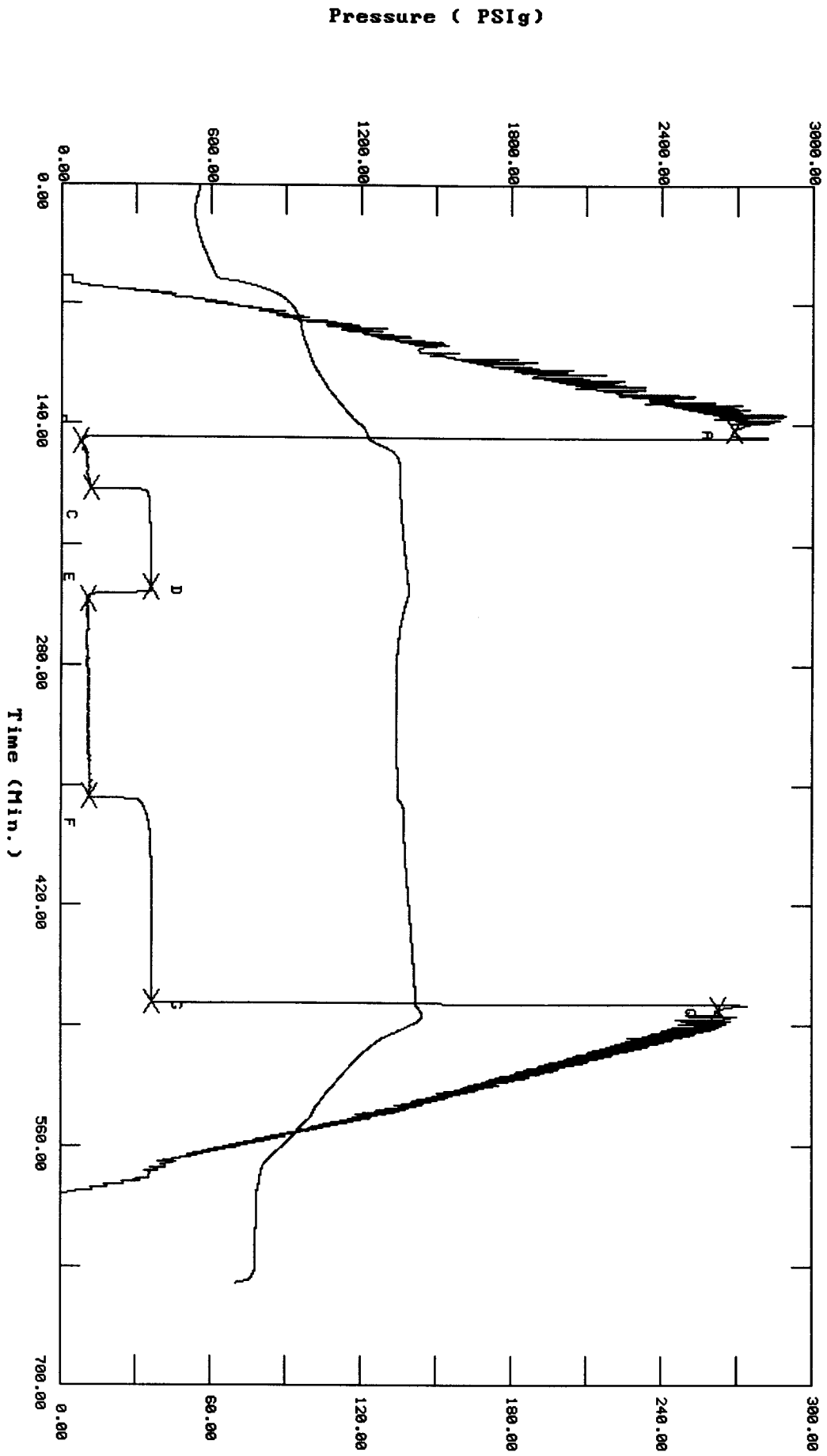
Z568d

TEST HISTORY

DST #1 Winger 1-316 Presco Western

Flag Points

t (Min.)	P (PSig)
A:	0.00 2686.76
B:	0.00 75.37
C:	27.25 115.86
D:	57.25 359.18
E:	0.00 102.92
F:	114.75 113.84
G:	119.75 366.80
O:	0.00 2630.42



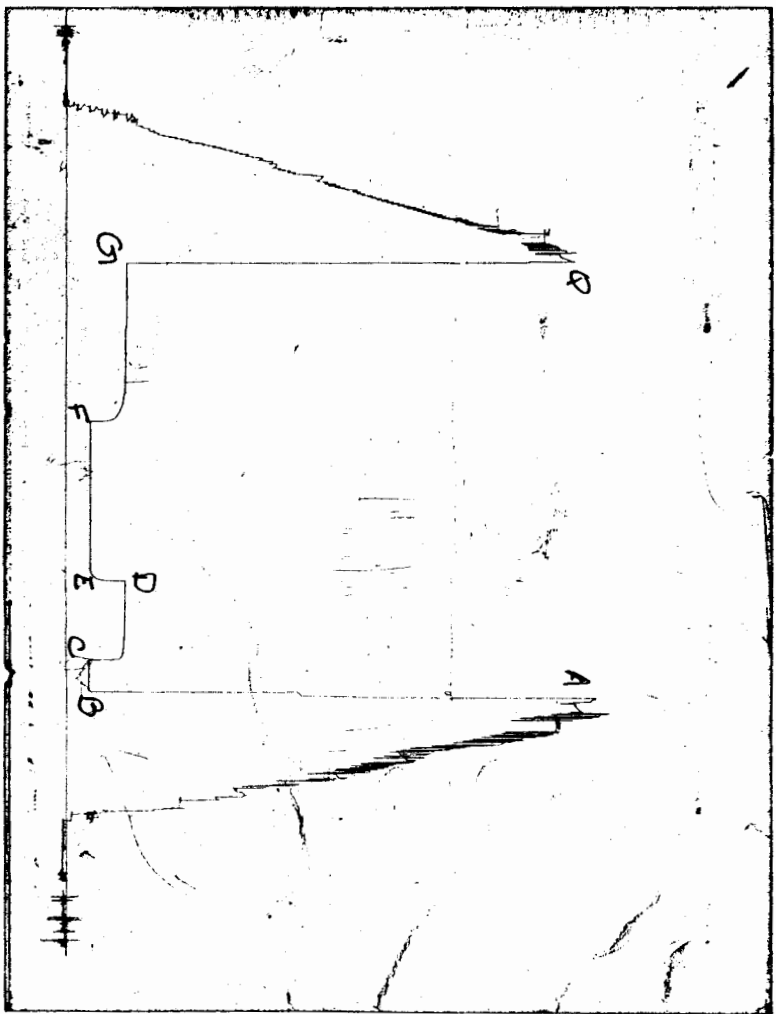
Temperature (DEG F)

Pressure (PSig)

Time (Min.)

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CHART PAGE



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

2566BF

TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Test Ticket

No 11711

Well Name & No. Winger 1-316 Test No. #1 Date 12-28-98
 Company Presco Western Zone Tested Morrow
 Address 1775 Sherman St. Suite 2950 Denver Colo. 80203 Elevation _____ KB _____ GL _____
 Co. Rep / Geo. Austin Garner Cont. Cheyenne Est. Ft. of Pay _____ Por. _____ %
 Location: Sec. 16 Twp. 30S Rge. 39W Co. Stanton State KS
 No. of Copies _____ Distribution Sheet (Y, N) _____ Turnkey (Y, N) _____ Evaluation (Y, N) _____

Interval Tested 5628-5660 Initial Str Wt./Lbs. 82,000 Unseated Str Wt./Lbs. 83,600
 Anchor Length 32' Wt. Set Lbs. 24,000 Wt. Pulled Loose/Lbs. 110,500
 Top Packer Depth 5623 Tool Weight 1800
 Bottom Packer Depth 5628 Hole Size — 7 7/8" ✓ Rubber Size — 6 3/4" ✓
 Total Depth 5660 Wt. Pipe Run _____ Drill Collar Run 706¹²
 Mud Wt. 9.1 LCM 4 Vis. 2.2 WL 6.8 Drill Pipe Size 4 1/2 XH Ft. Run 4899 79¹⁵ inch
 Blow Description B.O.B. in 1 min. 12 min. GTS.
No Blow Back
2nd open B.O.B. as soon as tool open
No Blow Back

Recovery — Total Feet 2' GIP GTS Ft. in DC 2' Ft. in DP _____
 Rec. 2 ft. 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 _____ °F Gravity _____ °API D@ _____ °F Corrected Gravity _____ °API
 RW _____ @ _____ °F Chlorides _____ ppm Recovery Chlorides 900 ppm System

	AK-1	Alpine	PSI Recorder No.	T-On Location
(A) Initial Hydrostatic Mud	<u>2732</u>	<u>2686</u>	<u>3024</u>	<u>7:30 P.M.</u>
(B) First Initial Flow Pressure	<u>111</u>	<u>75</u>	(depth) <u>5635</u>	T-Started <u>8:30 P.M.</u>
(C) First Final Flow Pressure	<u>122</u>	<u>115</u>	PSI Recorder No. <u>103331</u>	T-Open <u>10:56 P.M.</u>
(D) Initial Shut-In Pressure	<u>325</u>	<u>359</u>	(depth) <u>5660</u>	T-Pulled <u>4:26 A.M.</u>
(E) Second Initial Flow Pressure	<u>132</u>	<u>102</u>	PSI Recorder No. _____	T-Out <u>7:10 A.M.</u>
(F) Second Final Flow Pressure	<u>132</u>	<u>113</u>	(depth) _____	T-Off Location _____
(G) Final Shut-in Pressure	<u>325</u>	<u>366</u>	PSI Initial Opening <u>30</u>	Test <u>✓</u> <u>800⁰⁰</u>
(Q) Final Hydrostatic Mud	<u>2579</u>	<u>2630</u>	PSI Initial Shut-in <u>60</u>	Jars <u>✓</u> <u>200⁰⁰</u>
			Final Flow <u>120</u>	Safety Joint <u>✓</u> <u>50⁰⁰</u>
			Final Shut-in <u>120</u>	Straddle _____

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Approved By Austin Garner
 Our Representative Scott Bugbee

Circ. Sub ✓ 110
 Sampler ✓ 200⁰⁰
 Extra Packer _____
 Elec. Rec. ✓ 150⁰⁰
 Mileage _____
 Other _____
 TOTAL PRICE \$ 1400⁰⁰