

15-067-21451

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CONFIDENTIAL RELEASED

RECEIVED
STATE COMMISSION

SEP 27 1999

CONSERVATION DIVISION
Wichita Kansas

Well Name: Merritt #2-35

Company: Harris Oil & Gas

Location: 35-29s-35w

Date: Grant County

8-9-99

MAR 20 2000

ACO-1 COPY

FROM CONFIDENTIAL

35-29s-35w

CONFIDENTIAL

TRILOBITE TESTING L.L.C.

ORIGINAL

OPERATOR : Harris Oil & Gas
 WELL NAME: Merritt MLP. #2-35
 LOCATION : 35-29S-35W Grant co KS
 INTERVAL : 5575.00 To 5694.00 ft

DATE 7-27-99
 KB 3032.00 ft
 GR 3021.00 ft
 TD 5694.00 ft

TICKET NO: 12168
 FORMATION: Chester
 TEST TYPE: CONVENTIONAL

DST #1

RECORDER DATA

Mins	Field	1	2	3	4	TIME DATA-----
PF 40 Rec.	10993	10993	3030			PF Fr. 0355 to 0435 hr
SI 60 Range(Psi)	4250.0	4250.0	4995.0	0.0	0.0	IS Fr. 0435 to 0535 hr
SF 60 Clock(hrs)	12HR.	12HR.	Elet.			SF Fr. 0535 to 0635 hr
FS 120 Depth(ft)	5691.0	5691.0	5581.0	0.0	0.0	FS Fr. 0635 to 0835 hr

	Field	1	2	3	4	
A. Init Hydro	2824.0	2624.0	2651.0	0.0	0.0	T STARTED 0045 hr
B. First Flow	108.0	121.0	29.0	0.0	0.0	T ON BOTM 0353 hr
B1. Final Flow	108.0	121.0	53.0	0.0	0.0	T OPEN 0355 hr
C. In Shut-in	1403.0	1417.0	1394.0	0.0	0.0	T PULLED 0835 hr
D. Init Flow	119.0	150.0	60.0	0.0	0.0	T OUT 1145 hr
E. Final Flow	152.0	159.0	91.0	0.0	0.0	
F. Fl Shut-in	1435.0	1434.0	1401.0	0.0	0.0	TOOL DATA-----
G. Final Hydro	2686.0	2683.0	2534.0	0.0	0.0	Tool Wt. 2000.00 lbs
Inside/Outside	0	0	I			Wt Set On Packer 25000.00 lbs
						Wt Pulled Loose 130000.00 lbs
						Initial Str Wt 88000.00 lbs
						Unseated Str Wt 92000.00 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 515.00 ft
						D.P. Length 5150.00 ft

RECOVERY

Tot Fluid 180.00 ft of 180.00 ft in DC and 0.00 ft in DP
 60.00 ft of Gas slightly oil cut mud 63%Gas 35%Oil 2%Mud
 120.00 ft of gas heavy oil cut mud 25%Gas 40%Oil 35%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

BLOW DESCRIPTION

Initial Flow:
 Weak blow built to 4"
 Initial Shut-in:
 No blow back
 Final Flow:
 Fair blow built to bottom of bucket
 in 14 mins.
 Final Shut-in:
 No blow back

RELEASED

MAR 28 2001

FROM CONFIDENTIAL

SAMPLES: NO
 SENT TO:

Test Successful: Y

MUD DATA-----

Mud Type	Chemical
Weight	8.90 lb/cf
Vis.	54.00 S/L
W.L.	8.40 in3
F.C.	0.00 in
Mud Drop Y	25.0 ft
Amt. of fill	0.00 ft
Btm. H. Temp.	126.00 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	Mike Colantonio
Co. Rep.	Harold Frauli
Contr.	Alan Drlg.
Rig #	2
Unit #	
Pump T.	

*** TOOL DIAGRAM *** CONVENTIONAL

LL NAME: Merritt MLP. #2-35

CATION : 35-29S-35W

CKET No. 12168 D.S.T. No. 1 DATE 7-27-99

TAL TOOL TO BOTTOM OF TOP PACKERS 27

PERVAL TOOL

ETOM PACKERS AND ANCHOR 27

TAL TOOL 54

ILL COLLAR ANCHOR IN INTERVAL

C. ANCHOR STND.Stands Single Total

P. ANCHOR STND.Stands 1 Single 1 Total 92

TAL ASSEMBLY

C. ABOVE TOOLS.Stands8 Single 1 Total 515

P. ABOVE TOOLS.Stands81 Single 1 Total 5058

TAL DRILL COLLARS DRILL PIPE & TOOLS .. 5719

TAL DEPTH 5694

TAL DRILL PIPE ABOVE K.B. 25ft

MARKS:

P.O. SUB top tool 5548
C.O. SUB 1ft 5549

S.I. TOOL Sterling 5554

HMV Sterling 5559

JARS Sterling 5564

SAFETY JOINT Bowens 5566

PACKER 5ft 5570

PACKER 5ft 5575

DEPTH
STUBB 1ft 5576

ANCHOR
5ft Perf 5581

Alpine Rec. 5581

5ft P.U. sub 5586

T.C.
DEPTH

10 Ft perf 5596

94ft Pipe subs 5690

AK-1 Rec. 5691

BULLNOSE
T.D. 4ft Bullplug 5694

TEST HISTORY

12168 DST #1 Merritt #2-35 Harris Oil & Gas

Flag Points

	t (Min.)	P (PSig)
A:	0.00	2851.15
B:	0.00	29.72
C:	40.33	53.82
D:	70.33	1394.52
E:	0.00	60.93
F:	60.08	91.96
G:	118.08	1401.15
Q:	0.00	2534.37

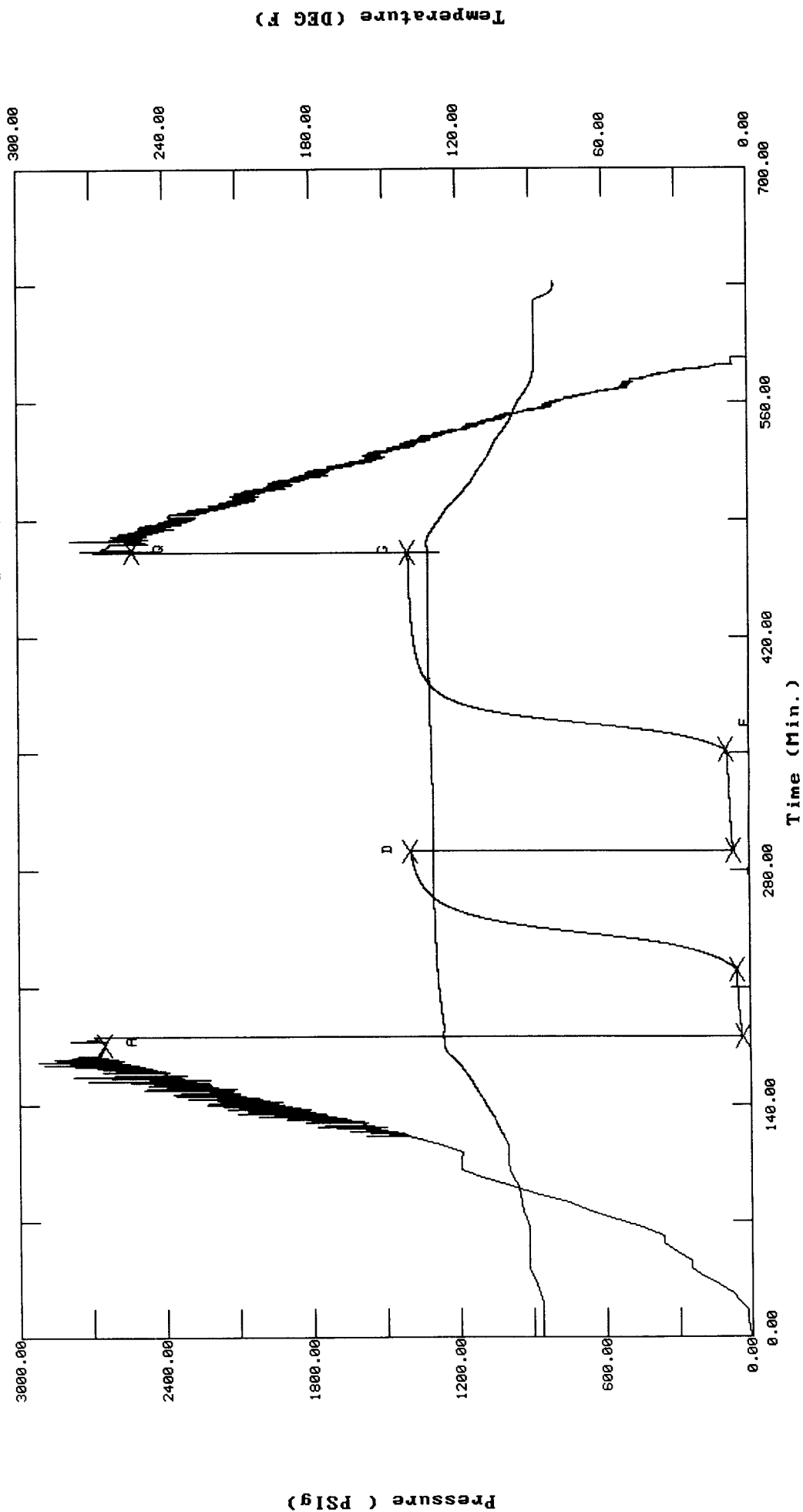
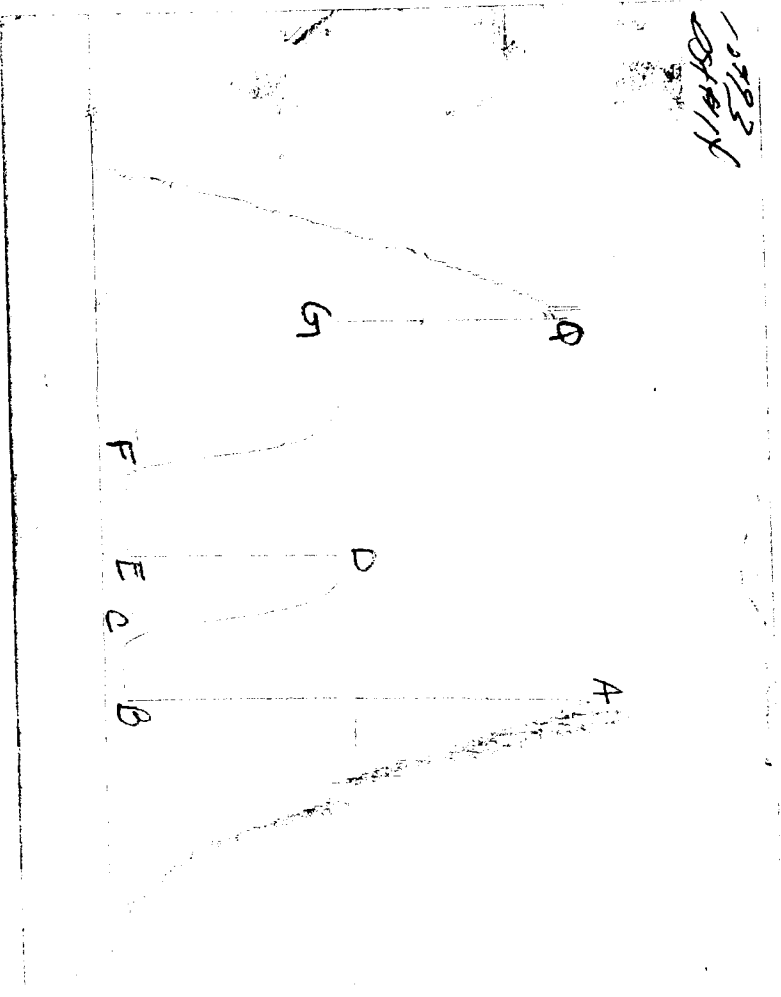


CHART PAGE



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

TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

N^o 12168

Test Ticket

Well Name & No. <u>Merritt #2-35</u>	Test No. <u>#1</u>	Date <u>7-27-99</u>
Company <u>Harris OIL & GAS</u>	Zone Tested <u>Chester</u>	
Address <u>Denver Colo.</u>	Elevation <u>3032</u> KB <u>3021</u> GL	
Co. Rep / Geo. <u>Harold Frank</u>	Cont. <u>Allen Rig #2</u>	Est. Ft. of Pay <u> </u> Por. <u> </u> %
Location: Sec. <u>35</u> Twp. <u>29S</u> Rge. <u>35W</u> Co. <u>Grant</u> State <u>KO.</u>		
No. of Copies <u> </u> Distribution Sheet (Y, N) <u> </u> Turnkey (Y, N) <u> </u> Evaluation (Y, N) <u> </u>		

Interval Tested <u>5575 - 5694</u>	Initial Str Wt./Lbs. <u>8500</u>	Unseated Str Wt./Lbs. <u>9200</u>
Anchor Length <u>119'</u>	Wt. Set Lbs. <u>2500</u>	Wt. Pulled Loose/Lbs. <u>1300</u>
Top Packer Depth <u>5570</u>	Tool Weight <u>2000</u>	
Bottom Packer Depth <u>5575</u>	Hole Size — 7 7/8" <u>X</u>	Rubber Size — 6 3/4" <u>X</u>
Total Depth <u>5694</u>	Wt. Pipe Run <u> </u>	Drill Collar Run <u>825# 55</u>
Mud Wt. <u>8.9</u> LCM <u>4"</u> Vis. <u>56</u> WL <u>5.4</u>	Drill Pipe Size <u>4.5 X-0</u>	Ft. Run <u>5150 822# 55</u>
Blow Description <u>Slow Building Blow Built to 4"</u>		

ISI NO Blow Back
2nd opening Fair Blow Built to B.O.B. in 14 min.
FSE NO Blow Back

Recovery — Total Feet <u>180</u>	GIP <u>360'</u>	Ft. in DC <u> </u>	Ft. in DP <u> </u>
Rec. <u>60'</u>	Feet Of <u>6-54-0-0-m</u>	<u>63</u> %gas <u>35</u> %oil	%water <u>2</u> %mud
Rec. <u>120</u>	Feet Of <u>6-4-0-0-m</u>	<u>25</u> %gas <u>40</u> %oil	%water <u>35</u> %mud
Rec. <u> </u>	Feet Of <u> </u>	%gas <u> </u> %oil <u> </u>	%water <u> </u> %mud
Rec. <u> </u>	Feet Of <u> </u>	%gas <u> </u> %oil <u> </u>	%water <u> </u> %mud
Rec. <u> </u>	Feet Of <u> </u>	%gas <u> </u> %oil <u> </u>	%water <u> </u> %mud
BHT <u>126</u> °F Gravity <u> </u>	°API D@ <u> </u>	°F Corrected Gravity <u> </u>	°API <u> </u>
RW <u> </u> @ <u> </u> °F Chlorides <u> </u> ppm Recovery	Chlorides <u>800</u> ppm System		

	AK-1	Alpine			
(A) Initial Hydrostatic Mud	<u>2824</u>	<u>2651</u>	PSI Recorder No. <u>3030</u>	T-On Location <u>11:15pm</u>	
(B) First Initial Flow Pressure	<u>108</u>	<u>29</u>	PSI (depth) <u>5581</u>	T-Started <u>12:45pm</u>	
(C) First Final Flow Pressure	<u>108</u>	<u>53</u>	PSI Recorder No. <u>10993</u>	T-Open <u>3:55pm</u>	
(D) Initial Shut-In Pressure	<u>1403</u>	<u>1394</u>	PSI (depth) <u>5691</u>	T-Pulled <u>8:45am</u>	
(E) Second Initial Flow Pressure	<u>119</u>	<u>60</u>	PSI Recorder No. <u> </u>	T-Out <u>11:45am</u>	
(F) Second Final Flow Pressure	<u>152</u>	<u>91</u>	PSI (depth) <u> </u>	T-Off Location <u> </u>	
(G) Final Shut-in Pressure	<u>1435</u>	<u>1401</u>	PSI Initial Opening <u>40min</u>	Test <u>✓ Conventional</u>	
(Q) Final Hydrostatic Mud	<u>2686</u>	<u>2534</u>	PSI Initial Shut-in <u>60min</u>	Jars <u>✓</u>	
			Final Flow <u>60min</u>	Safety Joint <u>✓</u>	
			Final Shut-in <u>120min</u>	Straddle <u> </u>	

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 Harold Frank

Our Representative M. Colantonio

Circ. Sub ✓ N/A
Sampler
Extra Packer
Elec. Rec. ✓
Mileage
Other
TOTAL PRICE \$