

TRILOBITE TESTING L.L.C.

OPERATOR : Harris Oil & Gas

WELL NAME: Schnellbaker 3 523

LOCATION : 23-30-3

INTERVAL : 5196.00 To 5180.00 ft

DATE 4-4-99

KB 3064.00 ft

GR 3054.00 ft

TD 5180.00 ft

TICKET NO: 11380

DST #1

FORMATION: morrow

TEST TYPE: CONV.

RECORDER DATA

Mins	Field	1	2	3	4	TIME DATA-----
PF 19 Rec.	11058	11058	2346			PF Fr. 1135 to 1155 hr
SI 0 Range(Psi)	4500.0	4500.0	4995.0	0.0	0.0	IS Fr. to hr
SF 0 Clock(hrs)	12	12	alpin			SF Fr. to hr
FS 0 Depth(ft)	5275.0	5275.0	5212.0	0.0	0.0	FS Fr. to hr

	Field	1	2	3	4	
A. Init Hydro	2683.0	0.0	2529.0	0.0	0.0	T STARTED 0825 hr
B. First Flow	515.0	0.0	323.0	0.0	0.0	T ON BOTM 1131 hr
B1. Final Flow	515.0	0.0	325.0	0.0	0.0	T OPEN 1135 hr
C. In Shut-in	0.0	0.0	0.0	0.0	0.0	T PULLED 1155 hr
D. Init Flow	0.0	0.0	0.0	0.0	0.0	T OUT 1535 hr
E. Final Flow	0.0	0.0	0.0	0.0	0.0	
F. Fl Shut-in	0.0	0.0	0.0	0.0	0.0	
G. Final Hydro	2660.0	0.0	2493.0	0.0	0.0	
Inside/Outside	i	i	o			

RECOVERY

Tot Fluid 440.00 ft of 440.00 ft in DC and 0.00 ft in DP

65.00 ft of slitley gassy drilg mud 10%gas 90%mud

375.00 ft of gassy drilg mud 25%gas 75%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 1800.00 P.P.M. A.P.I. Gravity 0.00

BLOW DESCRIPTION

Initial Flow:

Bottom of bucket at open gas to surface in 3 1/2 mins.

Initial Shut-in:

Can't turn piped to shut-in tool reset, still wouldn't turn pull tool out of hole

SAMPLES: gas

SENT TO:Caraway,Liberal, Ks

MUD DATA-----

Mud Type	Chemical
Weight	9.10 lb/cf
Vis.	50.00 S/L
W.L.	8.40 in3
F.C.	0.00 in
Mud Drop N	
Amt. of fill	0.00 ft
Btm. H. Temp.	123.00 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	Shane McBride
Co. Rep.	Harold Fraule
Contr.	Murfin
Rig #	24
Unit #	
Pump T.	

Test Successful: N

GAS RECOVERY

COMPANY: Harris Oil & Gas

DATE: 4-4-99

WELL NAME: Schnellbaker 3 523

KB Elev: 3064.00 ft TICKET #11380 DST #1

WELL LOCATION: 23-30-3

GR Elev: 3054.00 ft FORMATION: morrow

INTERVAL Fr.: 5196.00 To 5180.00 T.D.: 5180.00 ft TEST TYPE: CONV.

GAS RECOVERY MEASURED WITH merla

**** GAS RATES FOR FLOW #1

Time (min)	Orifice (in)	Pressure (Psi)	H2O (in)	Rate (cf/d)
5	0.75	34	0	569.0
8	0.75	54	0	802.0
10	0.75	62	0	895.0
12	0.75	68	0	965.0
15	0.75	70	0	988.0

From: Robert Caraway Caraway Analytical, Inc. Fax: 316-626-7108
To: Simpson, Paul Trilobite Testing, L. L. C. Fax: 1-785-625-5620

8:20:17 4/6/99 Page 3 of 3 Log:594

NATURAL GAS ANALYSIS REPORT

Sampled by:
Trilobite Testing, L. L. C.
Hays, Kansas
Scott City, Kansas
Phone: 800-728-5369
Fax: 913-625-5620

Analyzed by:
Caraway Analytical, Inc
P. O. Box 2137
Liberal, Kansas 67905
Phone: 316-624-5389
Fax: 316-626-7108

Lab Number: 991639
Sample From: Schnellbacker 3-523 DST 1
Producer: Harris Oil & Gas
Date:
Time:
Sampler:
Source:

Analyzed: 04/05/99
Pressure:
Temperature:
Location: 23-30-3
County: Haskell
State: Kansas
Formation: Morrow

	Mole %	GPM
Helium He:	0.435	0.000
Hydrogen H2:	0.005	0.000
Oxygen O2:	0.026	0.000
Nitrogen N2:	5.022	0.000
Carbon Dioxide CO2:	0.166	0.000
Methane C1:	82.860	0.000
Ethane C2:	5.625	1.504
Propane C3:	3.579	0.986
Iso Butane iC4:	0.505	0.165
Normal Butane nC4:	1.110	0.350
Iso Pentane iC5:	0.240	0.088
Normal Pentane nC5:	0.226	0.082
Hexanes C6+:	0.201	0.088
TOTAL:	100.000	3.263
Z Fact:	0.9973	
SP. GR.:	0.6764	
BTU (SAT):	1094.2 @ 14.73 psia	
BTU (DRY):	1113.6 @ 14.73 psia	
OCTANE RATING:	118.9	

COMMENTS:

0.000

*** TOOL DIAGRAM *** CONV.

WELL NAME: Schnellbaker 3 523

LOCATION : 23-30-3

TICKET No. 11380 D.S.T. No. 1 DATE 4-4-99

TOTAL TOOL TO BOTTOM OF TOP PACKERS 27

INTERVAL TOOL

BOTTOM PACKERS AND ANCHOR 22

TOTAL TOOL 49

DRILL COLLAR ANCHOR IN INTERVAL

D.C. ANCHOR STND.Stands Single Total

D.P. ANCHOR STND.Stands 1 Single Total 62

TOTAL ASSEMBLY 111

D.C. ABOVE TOOLS.Stands9 Single Total 547

D.P. ABOVE TOOLS.Stands74 Single 1 Total 4653

TOTAL DRILL COLLARS DRILL PIPE & TOOLS .. 5311

TOTAL DEPTH 5280

TOTAL DRILL PIPE ABOVE K.B. 31

REMARKS:

	P.O. SUB	
	C.O. SUB 1'	5168
	S.I. TOOL 5'	5174
	HMV 5'	5179
	JARS 5'	5184
	SAFETY JOINT 2'	5186
■	PACKER top	5191
■	PACKER bottom	5196
	DEPTH 5196	
	STUBB 1'	5197
	ANCHOR 14' perf	5211
	1' c.o.	5212
	alpine recorder	5212
	62' drill pipe	5274
	1' c.o.	5275
	T.C.	
	DEPTH	
	ak-1 recorder	5275
	BULLNOSE 5' bullplug	5280
	T.D.	5280

TEST HISTORY

11380 Dst #1 Harris Oil & Gas.

	Flag Points	
	t (Min.)	P (PSig)
A:	0.00	2529.12
B:	0.00	323.58
C:	19.00	325.75
D:	0.00	2493.05

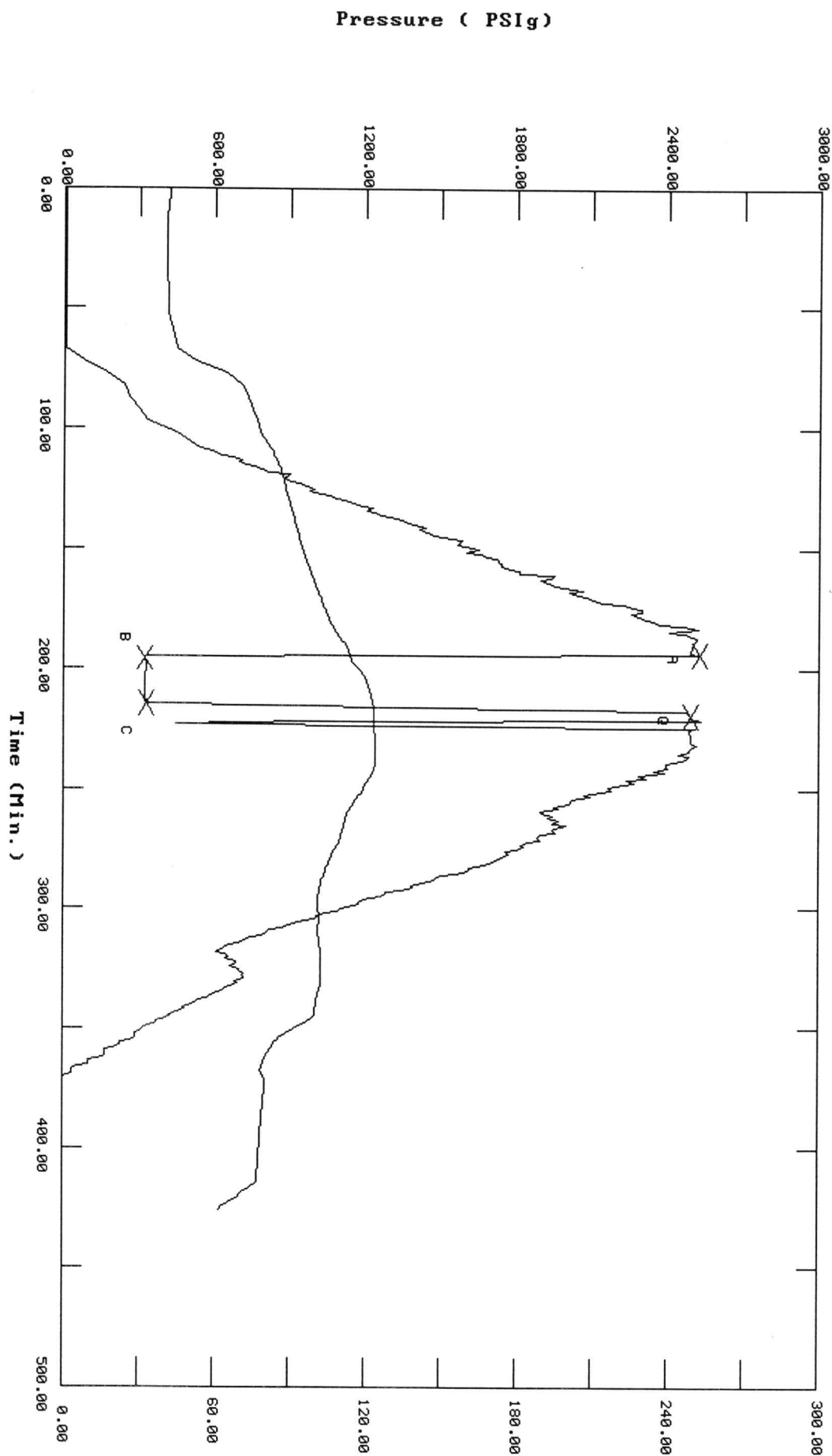
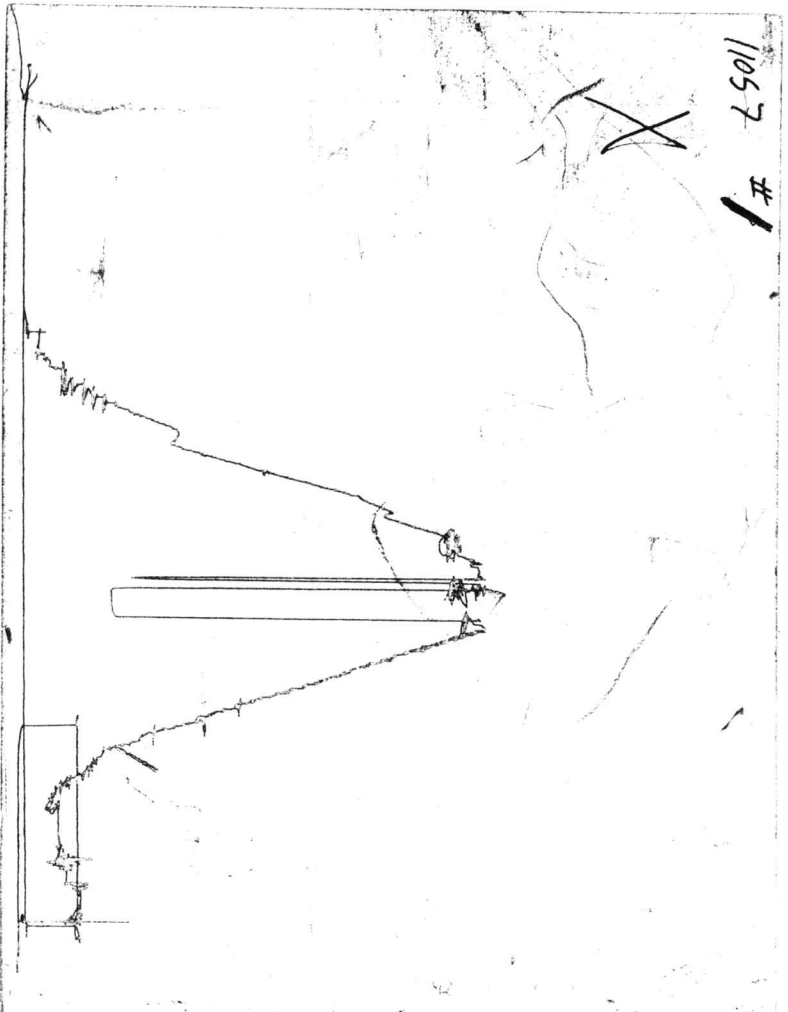


CHART PAGE



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

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 11380 DSt #1 Harris Oil & Gas.

DATE: 04/04/99 TIME: 08:27:59

	Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P ² /10 ⁶
***** Initial Hydro.	194.00	2529.1	0.0	113.82		
***** Start Flow 1	0.00	323.6	0.0	114.27		
	1.00	324.3	0.7	114.79		
	2.00	326.8	3.2	115.55		
	3.00	325.1	1.5	116.42		
	4.00	325.2	1.6	117.27		
	5.00	325.2	1.6	118.07		
	6.00	323.6	0.0	118.76		
	7.00	322.4	-1.2	119.37		
	8.00	324.3	0.7	119.88		
	9.00	324.5	1	120.33		
	10.00	323.4	-0.2	120.72		
	11.00	323.0	-0.6	121.06		
	12.00	321.3	-2.2	121.37		
	13.00	321.9	-1.7	121.68		
	14.00	323.2	-0.4	121.98		
	15.00	320.9	-2.7	122.26		
	16.00	324.8	1.2	122.54		
	17.00	324.0	0.4	122.79		
	18.00	325.4	1.8	123.00		
***** End Flow 1	19.00	325.7	2.2	123.18		
***** Start Shutin 1	0.00	325.7	0.0	123.18	0.0000	0.106
	1.00	1372.3	1046.5	123.36	20.0000	1.883
	2.00	2470.7	2145.0	123.56	10.5000	6.104
	3.00	2481.9	2156.1	123.59	7.3333	6.160
***** End Shut-in 1	4.00	2493.1	2167.3	123.54	5.7500	6.215
***** Final Hydro.	219.00	2493.1	0.0	123.54		



P.O. Box 362 • Hays, Kansas 67601 • (913) 625-4778

GAS VOLUME REPORT

Harris Oil & Gas Co.
OPERATOR

Schwellbacker 3-523

WELL NAME AND NO.

DST NO.

1st Row.

[illegible]

Remarks:

TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Test Ticket

No 11380

Well Name & No. <u>Schwellbaker #3-523</u>	Test No. <u>#1</u>	Date <u>4-4-99</u>
Company <u>Harris Oil & Gas Co.</u>	Zone Tested <u>morrow</u>	
Address <u>1125 17th St Suite 2290, Denver, Colo 80202</u>	Elevation <u>3064</u> KB <u>3054</u> GL	
Co. Rep / Geo. <u>Harold Franke</u>	Cont. <u>Marlin #24</u>	Est. Ft. of Pay <u> </u> Por. <u> </u> %
Location: Sec. <u>23</u> Twp. <u>30</u> Rge. <u>3</u> Co. <u>Haskell</u> State <u>KS</u>		
No. of Copies <u>Adm</u> Distribution Sheet (Y, N) <u>X</u>	Turnkey (Y, N) <u>X</u>	Evaluation (Y, N) <u> </u>

Interval Tested <u>5196'</u>	<u>5280'</u>	Initial Str Wt./Lbs. <u>22,000</u>	Unseated Str Wt./Lbs. <u>73,000</u>
Anchor Length <u>84'</u>		Wt. Set Lbs. <u>26,000</u>	Wt. Pulled Loose/Lbs. <u>92,000</u>
Top Packer Depth <u>5191'</u>		Tool Weight <u>5,000</u>	
Bottom Packer Depth <u>5196'</u>		Hole Size — 7 7/8" <u>✓</u>	Rubber Size — 6 3/4" <u>✓</u>
Total Depth <u>5280'</u>		Wt. Pipe Run <u> </u>	Drill Collar Run <u>547' 11-90</u>
Mud Wt. <u>9.1</u> LCM <u>2</u> Vis. <u>50</u> WL <u>8.4</u>		Drill Pipe Size <u>4 1/2 x 11</u>	Ft. Run <u> </u>

Blow Description B.O.B @ open - G.T.S in 3 1/2 min.
Couldn't Turn Pipe to shut in tool - pull Tool
reset, still wouldn't turn pull tool out of Hole.

Recovery — Total Feet <u>440'</u>	GIP <u>G.T.S</u>	Ft. in DC <u> </u>	Ft. in DP <u>440</u>
-----------------------------------	------------------	-----------------------	----------------------

Rec. <u>65'</u>	Feet Of <u>Sl. fly gas cut mud</u>	10 % gas	% oil	% water	90 % mud
Rec. <u>375'</u>	Feet Of <u>Gassy Dirty Mud</u>	25 % gas	% oil	% water	75 % mud
Rec. <u> </u>	Feet Of <u> </u>	% gas	% oil	% water	% mud
Rec. <u> </u>	Feet Of <u> </u>	% gas	% oil	% water	% mud
Rec. <u> </u>	Feet Of <u> </u>	% gas	% oil	% water	% mud

BHT <u>123°</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>1800</u>	ppm System
------------------------------	--------------------------	--------------	-----------------------	------------

(A) Initial Hydrostatic Mud <u>2683</u>	<u>2529</u>	PSI	Recorder No. <u>2346</u>	T-Started <u>08:25 a.m.</u>
(B) First Initial Flow Pressure <u>515</u>	<u>323</u>	PSI	(depth) <u>5212'</u>	T-Open <u>11:35 a.m.</u>
(C) First Final Flow Pressure <u>515</u>	<u>325</u>	PSI	Recorder No. <u>11057</u>	T-Pulled <u>11:55 a.m.</u>
(D) Initial Shut-in Pressure <u> </u>	<u> </u>	PSI	(depth) <u>5275'</u>	T-Out <u>05:35 p.m.</u>
(E) Second Initial Flow Pressure <u> </u>	<u> </u>	PSI	Recorder No. <u> </u>	
(F) Second Final Flow Pressure <u> </u>	<u> </u>	PSI	(depth) <u> </u>	
(G) Final Shut-in Pressure <u> </u>	<u> </u>	PSI	Initial Opening <u>19</u>	Test <u>X</u>
(H) Final Hydrostatic Mud <u>2660</u>	<u>2493</u>	PSI	Initial Shut-in <u> </u>	Jars <u>X</u>

AK-1 HP.NC

Final Flow <u> </u>	Safety Joint <u>X</u>
Final Shut-in <u> </u>	Straddle <u> </u>
<u>(Then rig time)</u>	Circ. Sub <u>X</u> <u>HP</u>
<u>#165 @ an hour.</u>	Sampler <u> </u>
	Extra Packer <u> </u>
	Elect. Rec. <u>X</u>
	Other <u>rigtime 7 1/2 hrs @ 165 @ 1237.50</u>
	TOTAL PRICE \$ <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

Our Representative

Well Name Harris

DST Number 2

Recorder Number 11057

A: 2.258 2533

B: .290 325

C: .294 329

D: .309 346

E: .290 325

F: .293 328

G: .309 346

Q: 2.205 2473

TRILOBITE TESTING L.L.C.

OPERATOR : Harris Oil & Gas Co.

WELL NAME: Schnellbacker 3-523

LOCATION : 23-30s-3w Haskell co KS

INTERVAL : 5196.00 To 5280.00 ft

DATE 4-4-99

KB 3064.00 ft

GR 3054.00 ft

TD 5280.00 ft

TICKET NO: 11381

DST #2

FORMATION: morrow

TEST TYPE: CONV.

RECORDER DATA

Mins	Field	1	2	3	4	TIME DATA-----
PF 15 Rec.	11057	11057	2346			PF Fr. 1835 to 1850 hr
SI 60 Range(Psi)	4500.0	4500.0	4995.0	0.0	0.0	IS Fr. 1850 to 1950 hr
SF 45 Clock(hrs)	12	12	alpin			SF Fr. 1950 to 2035 hr
FS 90 Depth(ft)	5275.0	5275.0	5212.0	0.0	0.0	FS Fr. 2035 to 2205 hr

	Field	1	2	3	4	
A. Init Hydro	2524.0	2533.0	2544.0	0.0	0.0	T STARTED 1550 hr
B. First Flow	336.0	35.0	316.0	0.0	0.0	T ON BOTM 1831 hr
B1. Final Flow	336.0	329.0	322.0	0.0	0.0	T OPEN 1835 hr
C. In Shut-in	347.0	346.0	353.0	0.0	0.0	T PULLED 2205 hr
D. Init Flow	336.0	325.0	317.0	0.0	0.0	T OUT 0240 hr
E. Final Flow	336.0	328.0	325.0	0.0	0.0	
F. Fl Shut-in	347.0	346.0	351.0	0.0	0.0	
G. Final Hydro	2502.0	2473.0	2464.0	0.0	0.0	TOOL DATA-----
Inside/Outside	i	i	o			Tool Wt. 5000.00 lbs
						Wt Set On Packer 26000.00 lbs
						Wt Pulled Loose 95000.00 lbs
						Initial Str Wt 72000.00 lbs
						Unseated Str Wt 74000.00 lbs
						Bot Choke 0.75 in
						Hole Size 7.88 in
						D Col. ID 2.25 in
						D. Pipe ID 3.50 in
						D.C. Length 547.00 ft
						D.P. Length 4715.00 ft

RECOVERY

Tot Fluid 250.00 ft of 250.00 ft in DC and 0.00 ft in DP

70.00 ft of slitly gassy mud 8%gas 92%mud

180.00 ft of gassy mud 30% gas 70% 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 1800.00 P.P.M. A.P.I. Gravity 0.00

BLOW DESCRIPTION

Initial Flow:

Bottom of bucket at open gas to surface in 3 1/2 mins.

Initial Shut-in:

Bleed off for 20 mins. weak return in 5 mins. dead in 12 mins.

Final Flow:

Gauging as at open

Final Shut-in:

Bleed off for 20 mins. weak return in 7 mins. died in 20 mins.

SAMPLES: gas

SENT TO:Caraway , Liberal

MUD DATA-----

Mud Type	Chemical
Weight	9.10 lb/cf
Vis.	50.00 S/L
W.L.	8.10 in3
F.C.	0.00 in
Mud Drop N	
Amt. of fill	0.00 ft
Btm. H. Temp.	132.00 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	Shane McBride
Co. Rep.	Harold Fraule
Contr.	Murfin
Rig #	24
Unit #	
Pump T.	

Test Successful: Y

GAS RECOVERY

COMPANY: Harris Oil & Gas Co.

DATE: 4-4-99

WELL NAME: Schnellbacker 3-523

KB Elev: 3064.00 ft TICKET #11381 DST #2

WELL LOCATION: 23-30s-3w Haskell co KS

GR Elev: 3054.00 ft FORMATION: morrow

INTERVAL Fr.: 5196.00 To 5280.00 T.D.: 5280.00 ft TEST TYPE: CONV.

AS RECOVERY MEASURED WITH merla

**** GAS RATES FOR FLOW #1

Time (min)	Orifice (in)	Pressure (Psi)	H2O (in)	Rate (cf/d)
5	0.75	34	0	569.0
10	0.75	56	0	825.0
15	0.75	66	0	941.0

**** GAS RATES FOR FLOW #2

Time (min)	Orifice (in)	Pressure (Psi)	H2O (in)	Rate (cf/d)
5	0.75	55	0	814.0
10	0.75	80	0	1104.0
15	0.75	85	0	1162.0
20	0.75	87	0	1185.0
25	0.75	87	0	1185.0
30	0.75	87	0	1185.0
35	0.75	88	0	1197.0
40	0.75	88	0	1197.0
45	0.75	88	0	1197.0

*** TOOL DIAGRAM *** CONV.

WELL NAME: Schnellbacker 3-523

LOCATION : 23-30s-3w Haskell co KS

TICKET No. 11381 D.S.T. No. 2 DATE 4-4-99

TOTAL TOOL TO BOTTOM OF TOP PACKERS 27

INTERVAL TOOL

BOTTOM PACKERS AND ANCHOR 22

TOTAL TOOL 49

DRILL COLLAR ANCHOR IN INTERVAL

D.C. ANCHOR STND.Stands Single Total

D.P. ANCHOR STND.Stands 1 Single Total 62

TOTAL ASSEMBLY 111

D.C. ABOVE TOOLS.Stands9 Single Total 547

D.P. ABOVE TOOLS.Stands74 Single 1 Total 4653

TOTAL DRILL COLLARS DRILL PIPE & TOOLS .. 5311

TOTAL DEPTH 5280

TOTAL DRILL PIPE ABOVE K.B. 31

REMARKS:

	P.O. SUB	
	C.O. SUB 1'	5168
	S.I. TOOL 5'	5174
	HMV 5'	5179
	JARS 5'	5184
	SAFETY JOINT 2'	5186
	PACKER top	5191
	PACKER bottom	5196
	DEPTH 5196	
	STUBB 1'	5197
	ANCHOR 14' perf	5211
	1' c.o.	5212
	alpine recorder	5212
	62' drillpipe	5274
	1' c.o.	5275
	T.C.	
	DEPTH	
	ak-1 recorder	5275
	BULLNOSE 5' bullplug	5280
	T.D.	5280

TEST HISTORY

11381 DST #2 Harris Oil & Gas Co.

Flag Points

t (Min.)	P (PSig)
A: 0.00	2544.97
B: 0.00	316.07
C: 14.00	322.00
D: 59.00	353.83
E: 0.00	317.30
F: 43.00	325.49
G: 95.00	351.86
Q: 0.00	2464.00

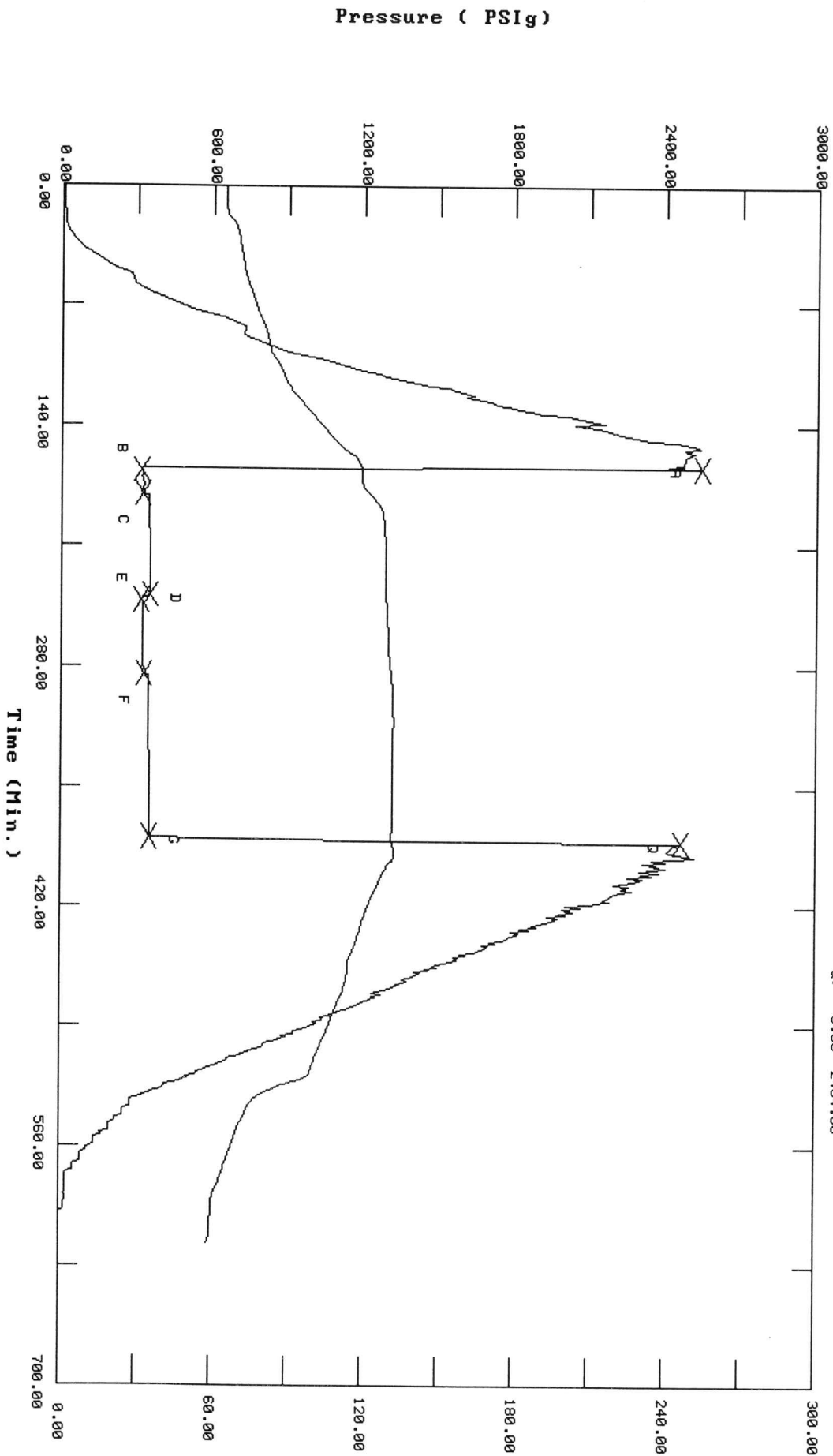
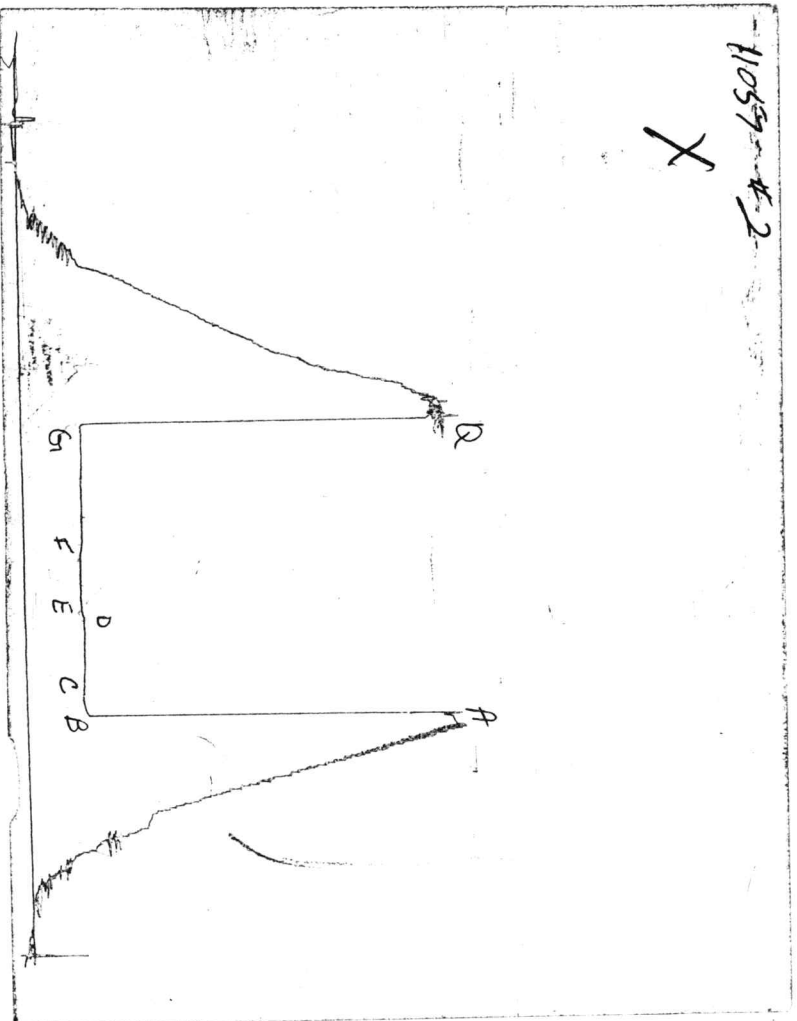


CHART PAGE



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



Gas to Surface $3\frac{1}{2}$ min.

Harris O.I. & GAS Co
OPERATOR

Schvellbacher

WELL NAME AND NO.

2
DST NO

3) Flow

2ND

Remarks:

TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Test Ticket

No 11381

Well Name & No.	Schneibacker #3-523	Test No.	2	Date	4-4-99
Company	Harris Oil & Gas Co.	Zone Tested	Morrow		
Address	1125 17 th St Suite 2290, Denver Colo 80202	Elevation	3064	KB	3054 GL
Co. Rep / Geo.	Harold Frenke	Cont.	Tracy Fr #25	Est. Ft. of Pay	Por. %
Location: Sec.	23	Twp.	30	Rge.	3
		Co.	Haskell	State	KS
No. of Copies	Norm	Distribution Sheet (Y, N)	N	Turnkey (Y, N)	N
		Evaluation (Y, N)			

Interval Tested	5196	5280	Initial Str Wt./Lbs.	72,000	Unseated Str Wt./Lbs.	74,200
Anchor Length		84	Wt. Set Lbs.	2,000	Wt. Pulled Loose/Lbs.	95,000
Top Packer Depth		5191	Tool Weight	5,000		
Bottom Packer Depth		5196	Hole Size — 7 7/8"	✓	Rubber Size — 6 3/4"	✓
Total Depth		5280	Wt. Pipe Run	—	Drill Collar Run	547' H-90
Mud Wt.	9.1	LCM #2	Vis.	50	WL	8.1
			Drill Pipe Size	4 1/2 X 4	Ft. Run	4715'
Blow Description	B.O.B @ OPEN G.T.S. in 3 1/2 min.					
	Bled off for 20 min - weak return in 5 - died in 12 min.					
	Gauging Gas @ OPEN					
	Bled off for 20 min - weak return in 7 min. died in 22 min.					

Recovery — Total Feet	250'	GIP	G.T.S.	Ft. in DC	250'	Ft. in DP	—
Rec.	70'	Feet Of	sl. fly gassy mud	8 %gas	%oil	%water	92 %mud
Rec.	180'	Feet Of	gassy mud	30 %gas	%oil	%water	70 %mud
Rec.		Feet Of		%gas	%oil	%water	%mud
Rec.		Feet Of		%gas	%oil	%water	%mud
Rec.		Feet Of		%gas	%oil	%water	%mud

BHT	132°	°F Gravity	—	°API D@	—	°F Corrected Gravity	—	°API
-----	------	------------	---	---------	---	----------------------	---	------

RW	—	@	—	°F Chlorides	—	ppm Recovery	Chlorides	1800	ppm System
----	---	---	---	--------------	---	--------------	-----------	------	------------

(A) Initial Hydrostatic Mud	2524	2544	PSI	Recorder No.	2346	T-Started	15:50 p.m.
(B) First Initial Flow Pressure	336	316	PSI	(depth)	5212	T-Open	18:35 p.m.
(C) First Final Flow Pressure	336	322	PSI	Recorder No.	11057	T-Pulled	22:05 p.m.
(D) Initial Shut-in Pressure	347	353	PSI	(depth)	5275	T-Out	02:40 a.m.
(E) Second Initial Flow Pressure	336	317	PSI	Recorder No.			
(F) Second Final Flow Pressure	336	325	PSI	(depth)			
(G) Final Shut-in Pressure	347	351	PSI	Initial Opening	15	Test	x 800
(H) Final Hydrostatic Mud	2502	2464	PSI	Initial Shut-in	60	Jars	x 200

AK-1

Al Pine

Final Flow 45

Safety Joint x 50

Final Shut-in 90

Straddle

Circ. Sub x 1/2

Sampler

Extra Packer

Elect. Rec. x 150

Other

TOTAL PRICE \$ 1200
30 copies
1230

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 H. Kraus

Our Representative [Signature]

*Harris Oil and Gas Company • 1125 17th Street • Suite 2290 • Denver, Colorado 80202
(303) 293-8838 • (303) 293-8853 Fax*

Victory West Propsect

Schnellbacher P.C. #3-523

NE NW Section 23, T30S-R34W
Haskell County, Kansas

Distribution List

OWNER	WELL LOGS (FIELD)	WELL LOGS (FINAL)	CORE ANALYSIS	DST	MUD LOGGER REPORTS	LOC PLAT
EARL F. ALLEN, ESTATE 518 17TH STREET, SUITE 1125 DENVER, CO 80202						
MARIAH ENERGY, LLC 1776 LINCOLN STREET SUITE 1314 DENVER, CO 80203						
HAROLD K. FRAULI CO. P.O. BOX 976 LIBERAL, KS 67905						
HARRIS OIL AND GAS CO. 1125 17TH STREET SUITE #2290 DENVER, CO 80202	4	4	4	4	4	4
PRESCO WESTERN, LLC 1775 SHERMAN STREET SUITE #2950 DENVER, CO 80203	3	3	3	3	3	3
REVERE CORPORATION ONE TABOR CENTER SUITE 2660 1200 17TH STREET DENVER, CO 80202						

FAX LOGS TO: Harris Oil and Gas Company 303-293-8853
Presco Western, LLC 303-864-1891
Revere Corporation 303-572-6463