15-081-21018 35-30S-33W

WELL NAME: Simpson #3-35
COMPANY: Harris Oil & Gas
LOCATION: 35-30S-33W Haskell Cty Kansas

DATE: 6/25/96

TRILOBITE TESTING L.L.C.

OPERATOR : Harris Oil & Gas DATE 6/18/96
WELL NAME: Simpson #3-35 KB 2927.00 ft TICKET NO: 8983 DST #1
LOCATION : 35-30S-33W Haskell Co KS GR 2913.00 ft FORMATION: Kansas City "A"
INTERVAL : 4626.00 To 4664.00 ft TD 4664.00 ft TEST TYPE: CONVENTIONAL

RECORDER DATA

Mins		Field	1	2	3	4
PF 20	Rec.	11038	11038	5495		
SI 65	Range(Psi)	5075.0	5075.0	4200.0	0.0	0.0
SF 60	Clock(hrs)	AK-1	AK-1	AK-1		
FS 120	Depth(ft)	4630.0	4630.0	4661.0	0.0	0.0

TIME DATA----------
PF Fr. 0135 to 0155 hr
IS Fr. 0155 to 0300 hr
SF Fr. 0300 to 0400 hr
FS Fr. 0400 to 0600 hr

	Field	1	2	3	4
A. Init Hydro	2208.0	2210.0	0.0	0.0	0.0
B. First Flow	881.0	885.0	0.0	0.0	0.0
B1. Final Flow	893.0	894.0	0.0	0.0	0.0
C. In Shut-in	1360.0	1344.0	0.0	0.0	0.0
D. Init Flow	868.0	849.0	0.0	0.0	0.0
E. Final Flow	893.0	884.0	0.0	0.0	0.0
F. Fl Shut-in	1348.0	1344.0	0.0	0.0	0.0
G. Final Hydro	2182.0	2190.0	0.0	0.0	0.0
Inside/Outside	O	O	I		

T STARTED 2230 hr
T ON BOTM 0125 hr
T OPEN 0135 hr
T PULLED 0600 hr
T OUT 0830 hr

RECOVERY
Tot Fluid 130.00 ft of 130.00 ft in DC and 0.00 ft in DP
130.00 ft of Salt water with black precipitate
0.00 ft of 15% precipitate - 5% condensate
0.00 ft of 70% water - 10% mud
0.00 ft of
0.00 ft of
0.00 ft of
0.00 ft of
0.00 ft of
SALINITY 40000.00 P.P.M. A.P.I. Gravity 0.00

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

Tool Wt.	0.00 lbs
Wt Set On Packer	25000.00 lbs
Wt Pulled Loose	84000.00 lbs
Initial Str Wt	80000.00 lbs
Unseated Str Wt	80000.00 lbs
Bot Choke	0.75 in
Hole Size	7.88 in
D Col. ID	2.25 in
D. Pipe ID	3.82 in
D.C. Length	544.00 ft
D.P. Length	4080.00 ft

BLOW DESCRIPTION
Initial Shutin -
Very strong blow - Bottom of bucket
as tool opened.
Gauged @ 4468mcf
Gas to surface in 2 minutes

Final Shutin -
Bottom of bucket as tool opened
Gauged @ 5065mcf

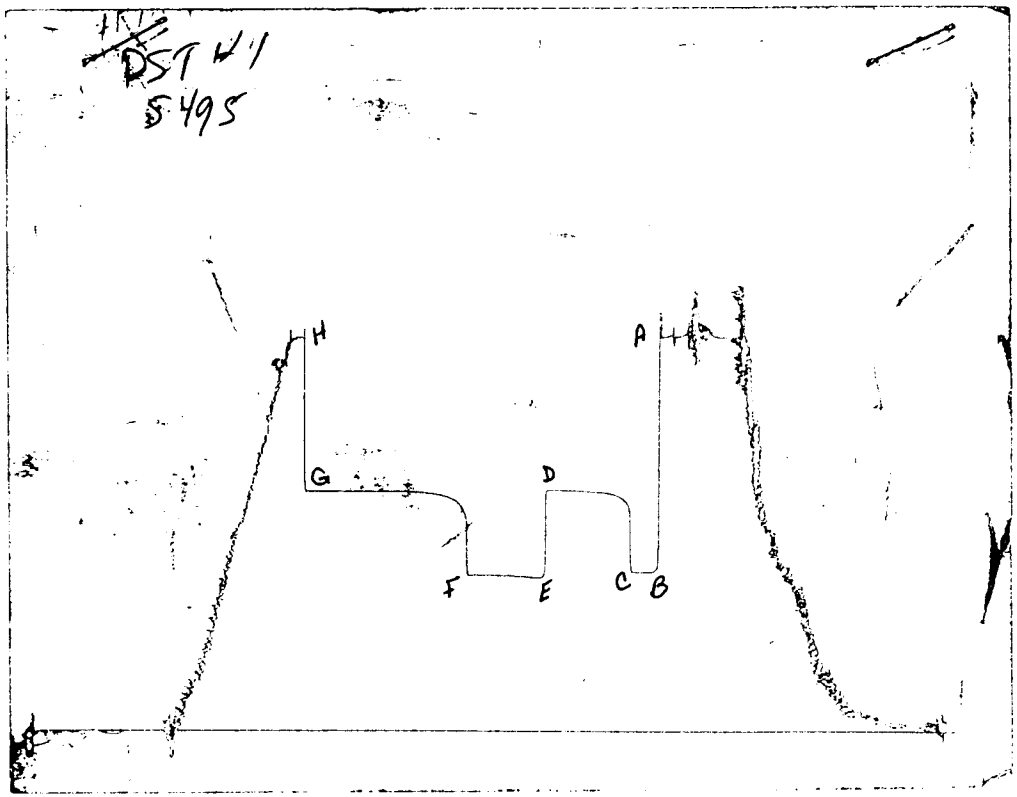
MUD DATA----------

Mud Type	Chemical
Weight	9.00 lb/c
Vis.	54.00 S/L
W.L.	9.80 in3
F.C.	0.00 in
Mud Drop	
Amt. of fill	0.00 ft
Btm. H. Temp.	119.00 F
Hole Condition	GOOD
% Porosity	0.00
Packer Size	6.75 in
No. of Packers	2
Cushion Amt.	0.00
Cushion Type	
Reversed Out	
Tool Chased	
Tester	Tom Horacek
Co. Rep.	Gary Wilkins
Contr.	Allen
Rig #	5
Unit #	
Pump T.	

SAMPLES: yes
SENT TO:Caraway Lab

Test Successful: Y

CHART PAGE



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

GAS VOLUME REPORT

Harris Oil & Gas Simpson #3-35 DST #1

Min.	PSIG	Orifice Size	MCF/D	Min.	PSIG	Orifice Size	MCF/D
5	32	1.5	2675	5	60	1.5	4349
10	42	1.5	3274	10	70	1.5	4946
15	62	1.5	4468	15	72	1.5	5065
20	62	1.5	4468	20	70	1.5	4946
				25	70	1.5	4946
				30	72	1.5	5065
				35	72	1.5	5065
				40	72	1.5	5065
				45	72	1.5	5065
				50	72	1.5	5065
				55	72	1.5	5065
				60	72	1.5	5065

Gas to surface in 2 minutes / Gas will burn

NATURAL GAS ANALYSIS REPORT

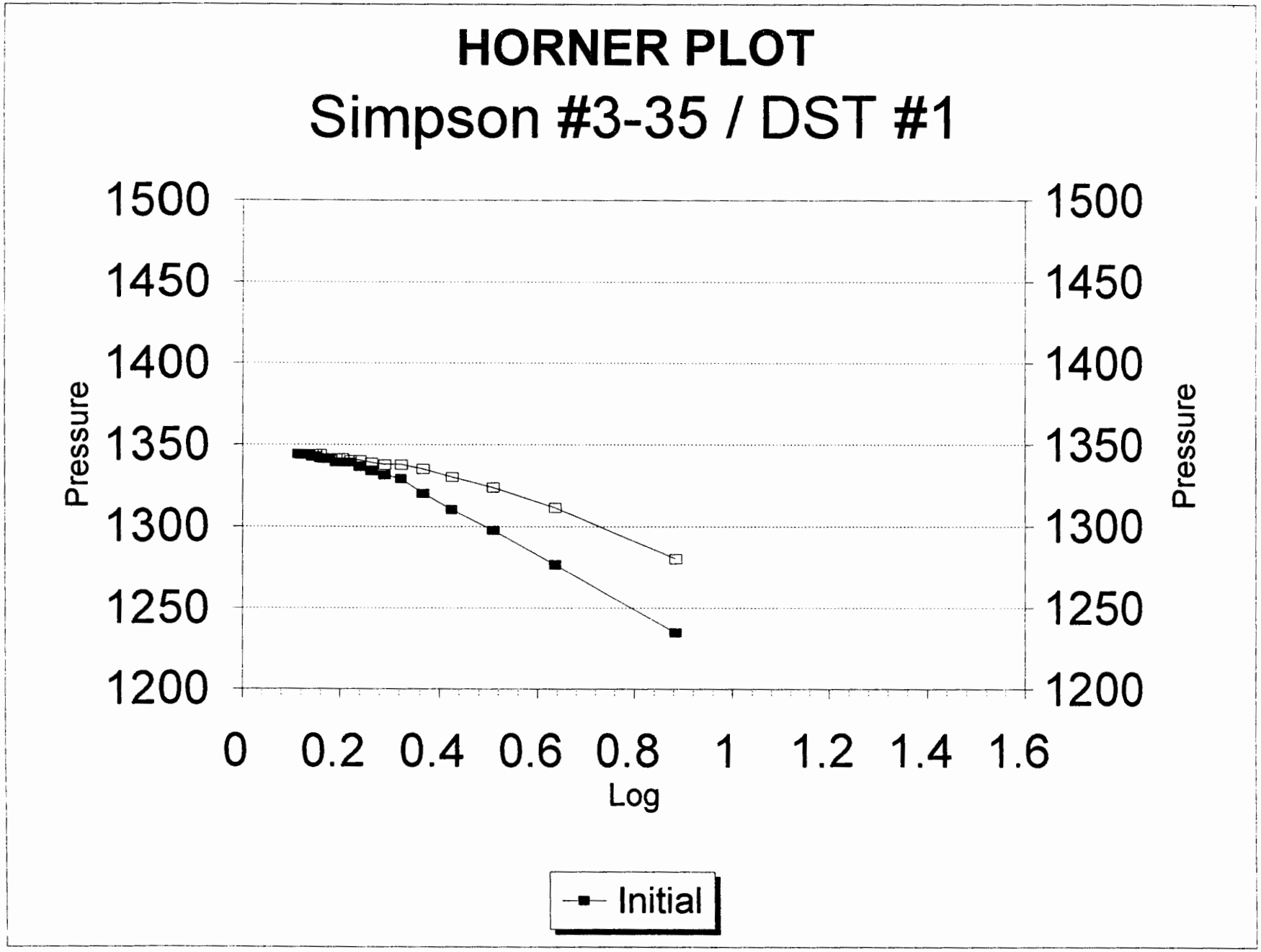
Sampled by:
Trilobite Testing, L.L.C.
Hays, Kansas
Scott City, Kansas
Phone: 800-728-5369
Fax: 913-625-5620

Analyzed by:
Caraway Analytical, L.L.C.
P. O. Box 2137
Liberal, Kansas 67901
Phone: 316-624-5389
Fax: 316-626-7108

Lab Number:	960343	Analyzed:	06/19/96
Sample From:	Simpson 3-35 DST 1	Pressure:	
Producer:	Harris Oil & Gas	Temperature:	
Date:		Location:	35-30-33
Time:		County:	Haskell
Sampler:		State:	Kansas
Source:		Formation:	K. C. "A"

		Mole %	GPM
Helium	He:	0.333	0.000
Oxygen	O2:	0.000	0.000
Nitrogen	N2:	21.387	0.000
Carbon Dioxide	CO2:	0.159	0.000
Methane	C1:	66.826	0.000
Ethane	C2:	5.306	1.419
Propane	C3:	3.715	1.024
Iso Butane	iC4:	0.452	0.148
Normal Butane	nC4:	1.012	0.319
Iso Pentane	iC5:	0.233	0.085
Normal Pentane	nC5:	0.232	0.084
Hexanes Plus	C6+:	0.345	0.151
	TOTAL:	100.000	3.229
	Z Fact:	0.9978	
	SP.GR.:	0.7453	
	BTU (SAT):	934.1 @ 14.73 psia	
	BTU (DRY):	950.6 @ 14.73 psia	
	OCTANE RATING:	97.7	

COMMENTS: 0.000


HORNER PLOT
Simpson #3-35 / DST #1
1500
1450
1400
1350
1300
1250
1200
Pressure
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
Log
Initial

Simpson #3-35 DST #1

Initial Shutin
Initial Flow Time 20

SLOP	20146.07 PSI/CYCLE
P*	1351.97 PSI

	TIME(MIN	Pws (psi)	Log Horn	<> PRESSURE	Horn T
	3	1235.2	0.885	1235.2	8
	6	1276.6	0.637	41.5	4
	9	1298.0	0.508	21.3	3
	12	1310.6	0.426	12.6	3
	15	1320.6	0.368	10.0	2
	18	1329.4	0.325	8.8	2
	21	1332.0	0.291	2.5	2
	24	1334.5	0.263	2.5	2
	27	1337.0	0.241	2.5	2
	30	1339.5	0.222	2.5	2
	33	1339.5	0.206	-0.0	2
X	36	1339.5	0.192	0.0	2
	39	1342.0	0.180	2.5	2
	42	1342.0	0.169	0.0	1
	45	1342.0	0.160	0.0	1
	48	1343.3	0.151	1.3	1
	51	1343.3	0.144	0.0	1
	54	1344.5	0.137	1.2	1
	57	1344.5	0.131	0.0	1
	60	1344.5	0.125	0.0	1
	63	1344.5	0.120	0.0	1
Q	66	1344.5	0.115	0.0	1

Simpson 33-35 DST #1

Final Shutin

Total Flow Time 80

SLOP 17507.58 PSI/CYCLE

P* 1351.00 PSI

	TIME(MIN	Pws(psi)	Log Horn	<> PRESSURE	HORN T
	6	1280.4	1.156	1280.4	14
	12	1311.8	0.885	31.4	8
	18	1324.4	0.736	12.6	5
	24	1330.7	0.637	6.3	4
	30	1335.7	0.564	5.0	4
	36	1338.2	0.508	2.5	3
	42	1338.2	0.463	0.0	3
	48	1339.5	0.426	1.3	3
	54	1340.8	0.395	1.3	2
	60	1340.8	0.368	0.0	2
	66	1342.0	0.345	1.3	2
	72	1342.0	0.325	0 0	2
X	78	1342.0	0.307	0.0	2
	84	1342.0	0.291	0.0	2
	90	1344.5	0.276	2.5	2
	96	1344.5	0.263	-0.0	2
	102	1344.5	0.251	0.0	2
	108	1344.5	0.241	0.0	2
	114	1344.5	0.231	0.0	2
	120	1344.5	0.222	0.0	2
Q	120	1344.5	0.222	0.0	2

TRILOBITE TESTING

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

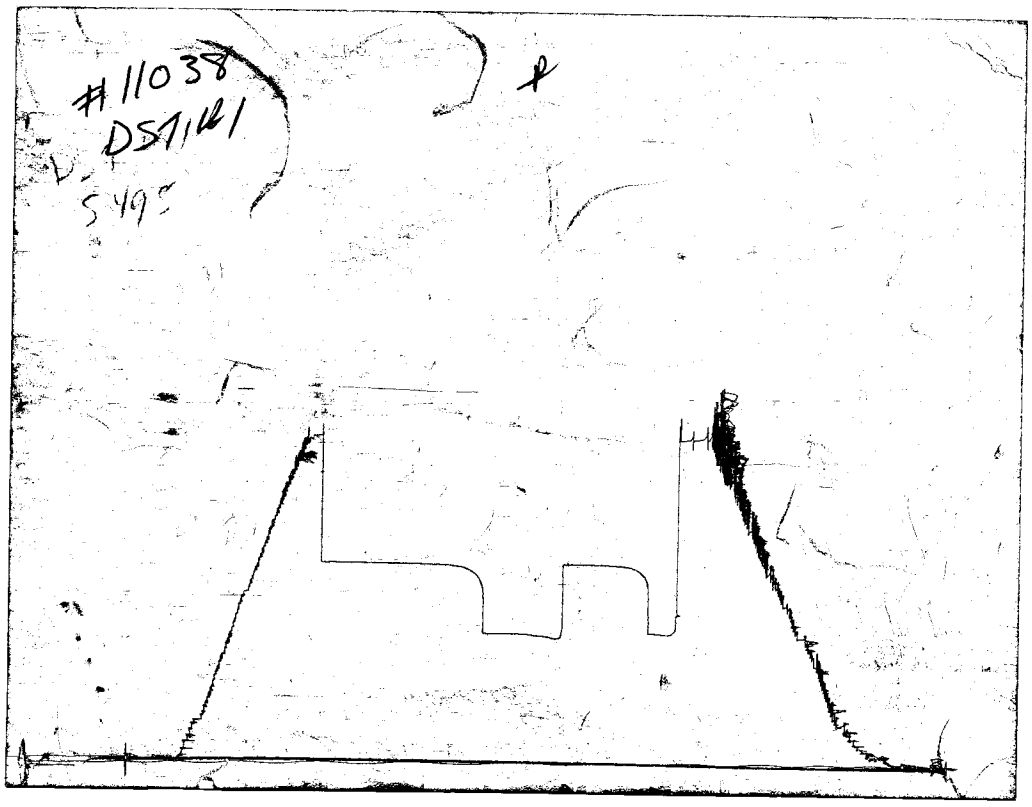
GAS VOLUME REPORT

Harris Oil & Gas (OPERATOR) — Simpson 3-35 (WELL NAME AND NO.) — #1 (DST NO.)

Min.	Ins. of Water PSIG	Orifice Size	MCF/D	Min.	Ins. of Water PSIG	Orifice Size	MCF/D
5	32	1½	2675	5	60	1½	4349
10	42	"	3274	10	70	"	4946
15	62	"	4468	15	72	"	5065
20	62	1½	4468	20	70	"	4946
				25	70	"	4946
				30	72	1½	5065
				35	72	1½	5065
				40	72	"	5065
				45	72	"	5065
				50	72	"	5065
				55	72	"	5065
				60	72	1½	5065

Remarks: GTS in 2 min.
Gas will burn.

101 NCR


#11038
DST#1
5495

TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Test Ticket

Nº 8983

Well Name & No. Simpson #3-35 Test No. #1 Date 6-18-96

Company Harris Oil & Gas Zone Tested K.C. "A"

Address _____ Elevation 2927 KB 2913 GL

Co. Rep / Geo. Gary Wilkins Cont. Allen Drlg #5 Est. Ft. of Pay 9 Por. ___ %

Location: Sec. 35 Twp. 30 Rge. 33 Co. Haskell State Ks.

No. of Copies 17 Distribution Sheet (Y, N) X Turnkey (Y, N) N Evaluation (Y, N) _____

Interval Tested 4626-4664 Initial Str Wt./Lbs. 80,000 Unseated Str Wt./Lbs. 80,000

Anchor Length 38' Wt. Set Lbs. 25,000 Wt. Pulled Loose/Lbs. 84,000

Top Packer Depth 4621 Hole Size — 7 7/8" _____ Rubber Size — 6 3/4" _____

Bottom Packer Depth 4626 Wt. Pipe I.D. — 2.7 Ft. Run —

Total Depth 4664 Drill Collar — 2.25 Ft. Run 544'

Mud Wt. 9.0 LCM 2 Vis. 54 WL 9.8 Drill Pipe Size 4.5X-Hole Ft. Run 4080'

Blow Description 1st Very strong blow - B.O.B. as tool opened. Gauged 4468 MCF GTS in 2 min.

2nd. B.O.B. as tool opened.

Gauged @ 5065 MCF

Recovery — Total Feet 130' Ft. in DC 130' Ft. in WP _____ Ft. in DP _____

Rec.	_____	Feet Of	_____	‰gas	‰oil	‰water	‰mud
Rec.	130'	Feet Of	Salt water w/Black precipitate (15% Gravity Condensate)	‰gas 5	‰oil	70 ‰water	10 ‰mud
Rec.	_____	Feet Of	_____	‰gas	‰oil	‰water	‰mud
Rec.	_____	Feet Of	_____	‰gas	‰oil	‰water	‰mud
Rec.	_____	Feet Of	_____	‰gas	‰oil	‰water	‰mud

BHT 119 °F Gravity _____ °API D@ _____ °F Corrected Gravity _____ °API

RW .151 @ 85 °F Chlorides 40,000 ppm Recovery Chlorides 2,200 ppm System

(A) Initial Hydrostatic Mud	2208 PSI	Recorder No.	11038	T-Started	2230
(B) First Initial Flow Pressure	881 PSI	@ (depth)	4630	T-Open	0135
(C) First Final Flow Pressure	893 PSI	Recorder No.	5495	T-Pulled	0600
(D) Initial Shut-in Pressure	1360 PSI	@ (depth)	4661	T-Out	0830
(E) Second Initial Flow Pressure	868 PSI	Recorder No.	_____		
(F) Second Final Flow Pressure	893 PSI	@ (depth)	_____		
(G) Final Shut-in Pressure	1348 PSI	Initial Opening	20 min.	Test	X 1600
(H) Final Hydrostatic Mud	2182 PSI	Initial Shut-in	65 min.	Jars	X 200
		Final Flow	60 min.	Safety Joint	X 50
		Final Shut-in	120 min.	Straddle	_____
		_____		Circ. Sub	_____
		_____		Sampler	_____
				Extra Packer	_____
				Elect. Rec.	_____
				Other	_____
				TOTAL PRICE $	850

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 Tom Horacek

WELL NAME_____ DST #_____ RECORDER #_____

INIT. HYD. MUD. _____ _____ FINAL HYD. MUD _____ _____

INITIAL FLOW MINUTES 20 INTERVAL		INITIAL SHUTIN MINUTES 65 INTERVAL			FINAL FLOW MINUTES 60 INTERVAL		FINAL SHUTIN MINUTES 120 INTERVAL 6	
.673	885	—		1	.645	849	—	
.673		.950		2	.647		.986	
.675		.983		3	.651		1.011	
.676		1.000		4	.657		1.021	
.678		1.010		5	.662		1.026	
.680	894	1.118		6	.662		1.030	
		1.025		7	.663		1.032	
		1.027		8	.667		1.032	
		1.029		9	.670		1.033	
		1.029		10	.672		1.034	
		1.031		11	.672		1.034	
		1.033		12	.672		1.035	
		1.033		13	.672		1.035	
		1.033		14	.672		1.035	
		1.035		15	.672		1.035	
		1.035		16	.672		1.037	
		1.035		17	.672		1.037	
		1.036		18	.672		1.037	
		1.036		19	.672		1.037	
		1.037		20	.672		1.037	
		1.037		21	.672	8838	1.037	
		1.037		22			1.037	
Dan Stenner		1.037		23				
		1.037		24				
				25				
				26				
				27				

TRILOBITE TESTING L.L.C.

OPERATOR : Harris Oil & Gas DATE 6/19/96
WELL NAME: Simpson #3-35 KB 2927.00 ft TICKET NO: 8984 DST #2
LOCATION : 35-30S-33W Haskell Cty KS GR 2913.00 ft FORMATION: Kansas City "B"
INTERVAL : 4700.00 To 4720.00 ft TD 4720.00 ft TEST TYPE: CONVENTIONAL

RECORDER DATA

Mins		Field	1	2	3	4
PF 30	Rec.	11038	11038	5495		
SI 60	Range(Psi)	5075.0	5075.0	4200.0	0.0	0.0
SF 60	Clock(hrs)	12	12	12		
FS 120	Depth(ft)	4705.0	4705.0	4717.0	0.0	0.0

TIME DATA----------
PF Fr. 2330 to 2400 hr
IS Fr. 2400 to 0100 hr
SF Fr. 0100 to 0200 hr
FS Fr. 0200 to 0400 hr

	Field	1	2	3	4
A. Init Hydro	2233.0	2267.0	0.0	0.0	0.0
B. First Flow	55.0	56.0	0.0	0.0	0.0
B1. Final Flow	190.0	199.0	0.0	0.0	0.0
C. In Shut-in	1360.0	1350.0	0.0	0.0	0.0
D. Init Flow	243.0	226.0	0.0	0.0	0.0
E. Final Flow	350.0	327.0	0.0	0.0	0.0
F. Fl Shut-in	1385.0	1359.0	0.0	0.0	0.0
G. Final Hydro	2208.0	2206.0	0.0	0.0	0.0
Inside/Outside	O	O	I		

T STARTED 2100 hr
T ON BOTM 2325 hr
T OPEN 2330 hr
T PULLED 0400 hr
T OUT 0705 hr

RECOVERY
Tot Fluid 635.00 ft of 544.00 ft in DC and 91.00 ft in DP
635.00 ft of Salt Water 100% water
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 85000.00 P.P.M. A.P.I. Gravity 0.00

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

Tool Wt.	0.00 lbs
Wt Set On Packer	25000.00 lbs
Wt Pulled Loose	85000.00 lbs
Initial Str Wt	80000.00 lbs
Unseated Str Wt	80000.00 lbs
Bot Choke	0.75 in
Hole Size	7.88 in
D Col. ID	2.25 in
D. Pipe ID	3.82 in
D.C. Length	544.00 ft
D.P. Length	4143.00 ft

BLOW DESCRIPTION
Initial Flow
Weak blow - built to 5"

Initial Shutin
No blow back

Final Flow
Weak blow - built to 9"

Final Shutin
No blow back

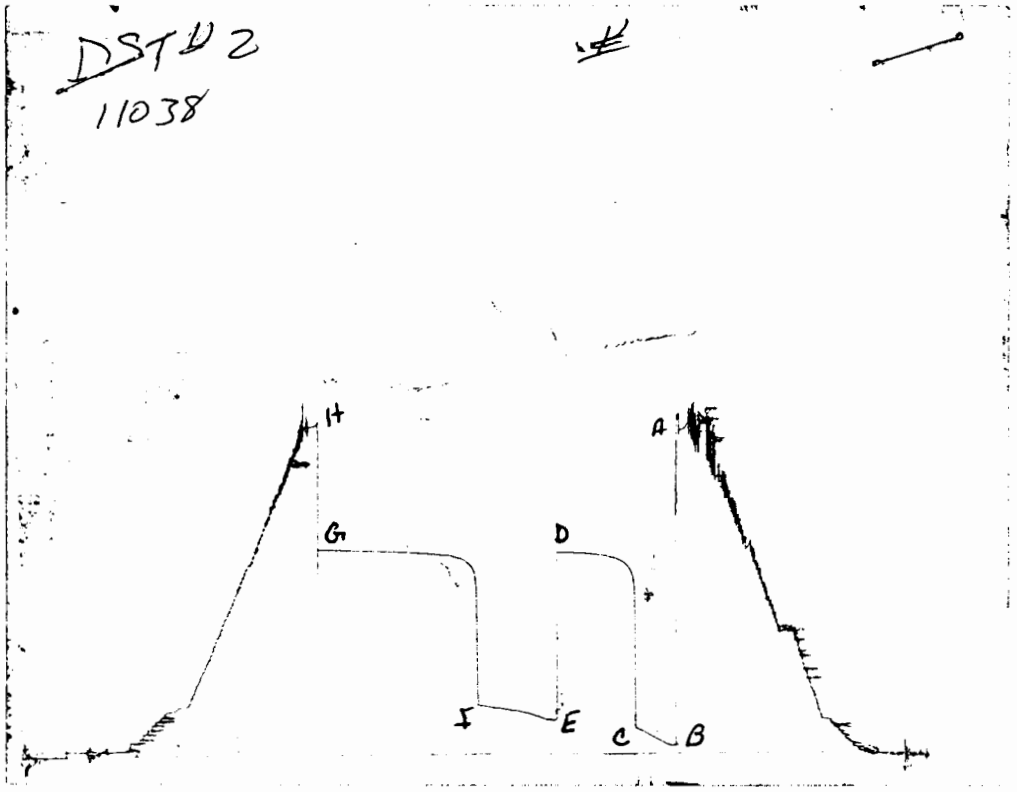
MUD DATA----------

Mud Type	Chemical
Weight	8.60 lb/c
Vis.	44.00 S/L
W.L.	15.20 in3
F.C.	0.00 in
Mud Drop	
Amt. of fill	0.00 ft
Btm. H. Temp.	119.00 F
Hole Condition	good
% Porosity	0.00
Packer Size	6.75 in
No. of Packers	2
Cushion Amt.	0.00
Cushion Type	
Reversed Out	
Tool Chased	
Tester	Tom Horacek
Co. Rep.	Gary Wilkins
Contr.	Allen
Rig #	5
Unit #	
Pump T.	

SAMPLES:
SENT TO:

Test Successful: Y

CHART PAGE



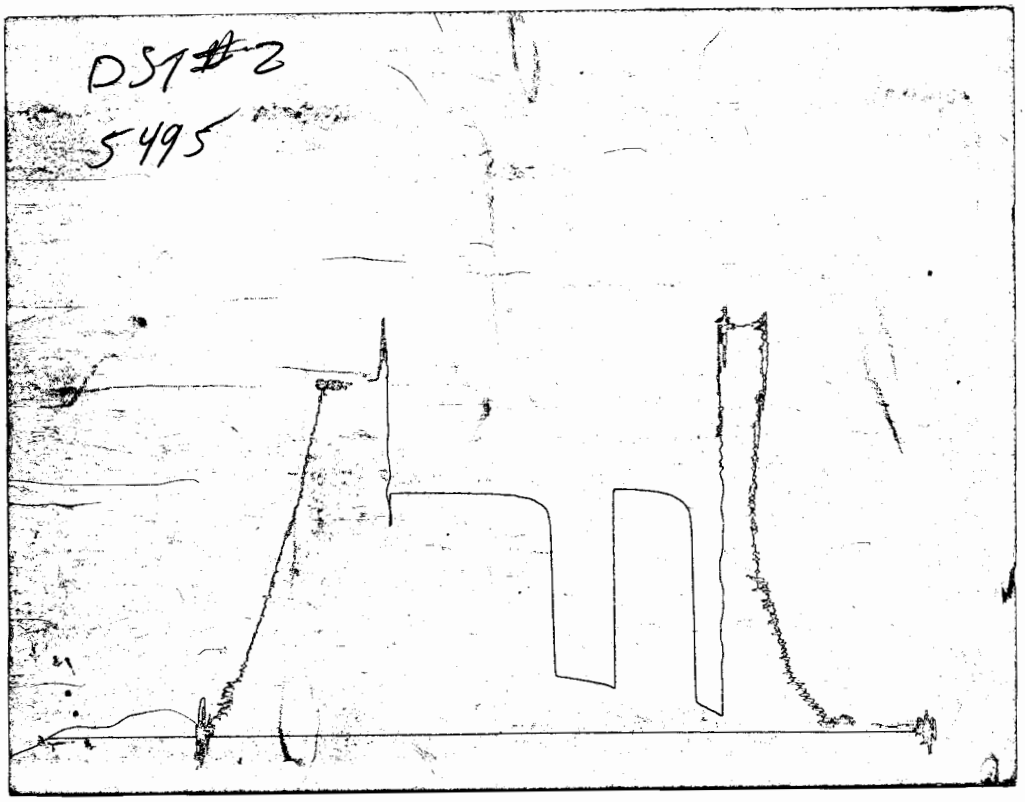
This is a photocopy of the actual AK-1 recorder chart

Well name Simpson

DST # 2

Recorder # 11038

A	1.766	2267	
B	.041	56	
C	.147	199	
D	1.042	1350	
E	.167	226	
F	.243	327	
G	1.049	1359	
H	1.718	2206	



TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Test Ticket

Nº 8984

Well Name & No. Simpson #3-35 Test No. #2 Date 6-19-96

Company Harris Oil & Gas Zone Tested KC "B"

Address Elevation 2927 KB 2913 GL

Co. Rep / Geo. Gary Wilkins Cont. Allen Drlg #5 Est. Ft. of Pay ___ Por. ___ %

Location: Sec. 35 Twp. 30 Rge. 33 Co. Haskell State Ks.

No. of Copies 17 Distribution Sheet (Y, N) y Turnkey (Y, N) N Evaluation (Y, N) ___

Interval Tested 4700-4720 Initial Str Wt./Lbs. 80,000 Unseated Str Wt./Lbs. 80,000

Anchor Length 20 Wt. Set Lbs. 25,000 Wt. Pulled Loose/Lbs. 85,000

Top Packer Depth 4695 Hole Size — 7 7/8" ___ Rubber Size — 6 3/4" ___

Bottom Packer Depth 4700 Wt. Pipe I.D. — 2.7 Ft. Run ___

Total Depth 4720 Drill Collar — 2.25 Ft. Run 544'

Mud Wt. 8.6 LCM 2 Vis. 44 WL 15.2 Drill Pipe Size 4.5 x-Hole Ft. Run 4143'

Blow Description 1st. weak blow - Built to 5 in.
ISI - No blow back
2nd. weak blow - Built to 9 in.
FSI. No blow back

Recovery — Total Feet 635' Ft. in DC 544 Ft. in WP ___ Ft. in DP 91'

			%gas	%oil	%water	%mud
Rec. ___	Feet Of ___					
Rec. ___	Feet Of ___					
Rec. 635'	Feet Of	Salt water			95	5
Rec. ___	Feet Of ___					
Rec. ___	Feet Of ___					

BHT 119 °F Gravity ___ °API D@ ___ °F Corrected Gravity ___ °API

RW .092 @ 72 °F Chlorides 85,000 ppm Recovery Chlorides 3,200 ppm System

(A) Initial Hydrostatic Mud	2233 PSI	Recorder No.	11038	T-Started	2100
(B) First Initial Flow Pressure	55 PSI	@ (depth)	4705	T-Open	2330
(C) First Final Flow Pressure	190 PSI	Recorder No.	5495	T-Pulled	0400
(D) Initial Shut-in Pressure	1360 PSI	@ (depth)	4717	T-Out	0705
(E) Second Initial Flow Pressure	243 PSI	Recorder No.	___		
(F) Second Final Flow Pressure	350 PSI	@ (depth)	___		
(G) Final Shut-in Pressure	1385 PSI	Initial Opening	30 min.	Test X	600
(H) Final Hydrostatic Mud	2208 PSI	Initial Shut-in	60 min.	Jars X	200
		Final Flow	60 min.	Safety Joint X	50
		Final Shut-in	120 min.	Straddle	___
		___		Circ. Sub	___
		___		Sampler	___
				Extra Packer	___
				Elect. Rec.	___
				Other	___
				TOTAL PRICE $	850

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 Gary Wilkins

Our Representative Tom Horacek

TRILOBITE TESTING L.L.C.

OPERATOR : Harris Oil & Gas DATE 6/22/96
WELL NAME: Simpson #3-35 KB 2927.00 ft TICKET NO: 8985 DST #3
LOCATION : 35-30S-33W Haskell Cty KS GR 2913.00 ft FORMATION: Morrow
INTERVAL : 5260.00 To 5371.00 ft TD 5371.00 ft TEST TYPE: CONVENTIONAL

RECORDER DATA

Mins		Field	1	2	3	4
PF 30	Rec.	5495	5495	11038		
SI 60	Range(Psi)	4200.0	4200.0	50750.0	0.0	0.0
SF 60	Clock(hrs)	12	12	12		
FS 120	Depth(ft)	5368.0	5368.0	5264.0	0.0	0.0

TIME DATA----------
PF Fr. 1120 to 1150 hr
IS Fr. 1150 to 1250 hr
SF Fr. 1250 to 1350 hr
FS Fr. 1350 to 1550 hr

	Field	1	2	3	4
A. Init Hydro	2710.0	2699.0	0.0	0.0	0.0
B. First Flow	67.0	77.0	0.0	0.0	0.0
B1. Final Flow	67.0	77.0	0.0	0.0	0.0
C. In Shut-in	145.0	143.0	0.0	0.0	0.0
D. Init Flow	78.0	85.0	0.0	0.0	0.0
E. Final Flow	78.0	85.0	0.0	0.0	0.0
F. Fl Shut-in	342.0	350.0	0.0	0.0	0.0
G. Final Hydro	2500.0	2460.0	0.0	0.0	0.0
Inside/Outside	O	O	I		

T STARTED 0830 hr
T ON BOTM 1110 hr
T OPEN 1120 hr
T PULLED 1550 hr
T OUT 1830 hr

RECOVERY
Tot Fluid 150.00 ft of 150.00 ft in DC and 0.00 ft in DP
150.00 ft of Drilling mud - slightly gas cut
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

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

Tool Wt.	0.00 lbs
Wt Set On Packer	25000.00 lbs
Wt Pulled Loose	120000.00 lbs
Initial Str Wt	85000.00 lbs
Unseated Str Wt	97000.00 lbs
Bot Choke	0.75 in
Hole Size	7.88 in
D Col. ID	2.25 in
D. Pipe ID	3.82 in
D.C. Length	454.00 ft
D.P. Length	4795.00 ft

BLOW DESCRIPTION
Initial Flow
Fair blow - bottom of bucket in 1 min

Initial Shutin
Weak blow - built to 7"

Final Flow
Fair blow - bottom of bucket in 3 min

Final Shutin
Weak blow - built to bottom bucket
in 90 minutes

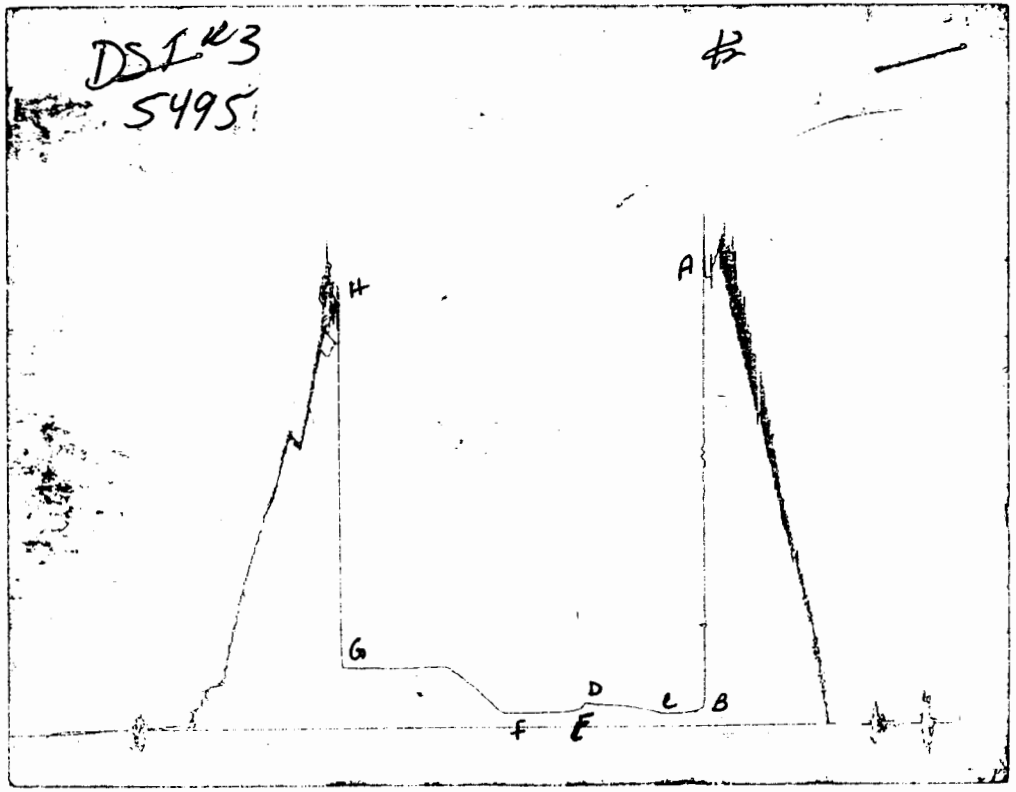
MUD DATA----------

Mud Type	Chemical
Weight	8.80 lb/c
Vis.	48.00 S/L
W.L.	9.60 in3
F.C.	0.00 in
Mud Drop	
Amt. of fill	0.00 ft
Btm. H. Temp.	125.00 F
Hole Condition	
% Porosity	0.00
Packer Size	6.75 in
No. of Packers	2
Cushion Amt.	0.00
Cushion Type	
Reversed Out	
Tool Chased	
Tester	Tom Horacek
Co. Rep.	Gary Wilkins
Contr.	Allen
Rig #	5
Unit #	
Pump T.	

SAMPLES:
SENT TO:

Test Successful: Y

CHART PAGE



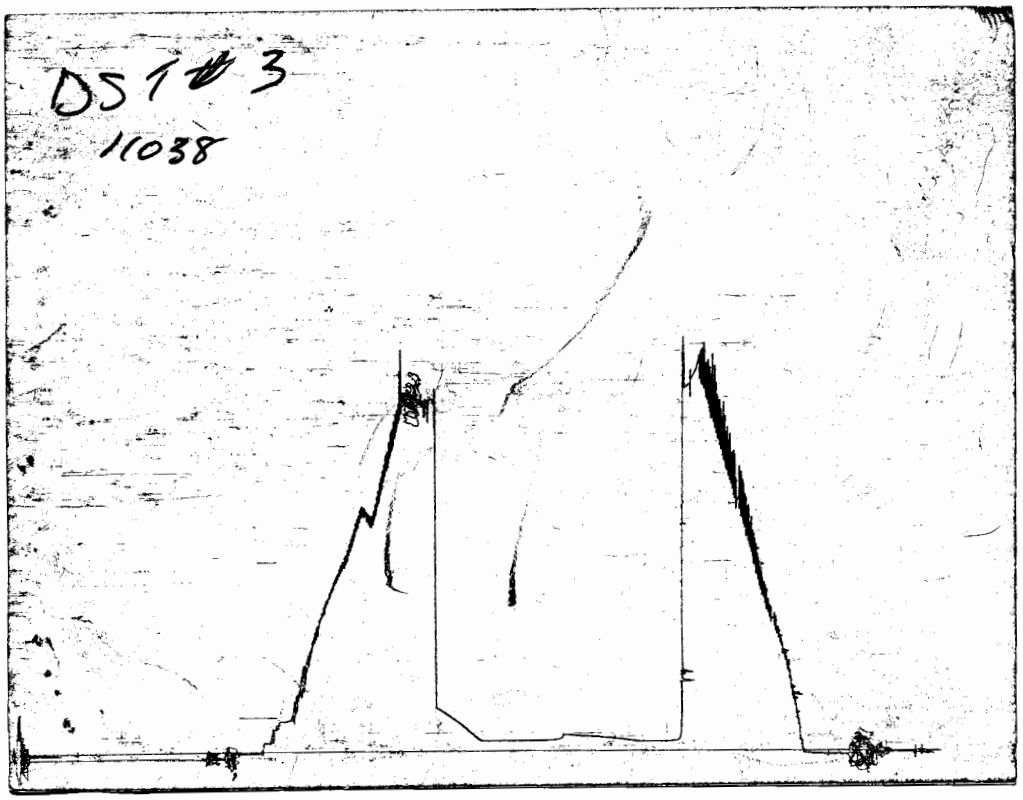
This is a photocopy of the actual AK-1 recorder chart

Well name Simpson

DST # 3

Recorder # 5495

A	2.540	2699		1
B	.069	77		2
C	.069	77		3
D	.128	143		4
E	.076	85		5
F	.076	85		6
G	.317	350		7
H	2.311	2460		8
				9
				10
				11
				12



TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Test Ticket

Nº 8985

Well Name & No. Simpson #3-35 Test No. #3 Date 6-22-96

Company Harris Oil & Gas Zone Tested Morrow

Address _____ Elevation 2927 KB 2913 GL

Co. Rep / Geo. Cory Wilkins Cont. Allen Drlg #5 Est. Ft. of Pay ___ Por. ___ %

Location: Sec. 35 Twp. 30 Rge. 33 Co. Haskell State Ks.

No. of Copies 17 Distribution Sheet (Y, N) y Turnkey (Y, N) N Evaluation (Y, N) _____

Interval Tested 5260-5371 Initial Str Wt./Lbs. 85,000 Unseated Str Wt./Lbs. 97000

Anchor Length 111' Wt. Set Lbs. 25,000 Wt. Pulled Loose/Lbs. 120,000

Top Packer Depth 5255 Hole Size — 7 7/8" _____ Rubber Size — 6 3/4" _____

Bottom Packer Depth 5260 Wt. Pipe I.D. — 2.7 Ft. Run _____

Total Depth 5371 Drill Collar — 2.25 Ft. Run 454'

Mud Wt. 8.8 LCM 2 Vis. 48 WL 9.6 Drill Pipe Size 4.5 X-H Ft. Run 4795

Blow Description 1st. Fair blow - B.O.B. in 1 min.
ISI - weak blow - Built to 7 in.
2nd Fair blow - B.O.B. in 3 min.
FSI - weak blow - Built to bottom of bucket 90 min.

Recovery — Total Feet 150' Ft. in DC 150' Ft. in WP _____ Ft. in DP _____

Rec.	Feet Of		%gas	%oil	%water	%mud
Rec.	Feet Of		%gas	%oil	%water	%mud
Rec. 150'	Feet Of	Drlg mud SlyLy GC	%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 2800 ppm System

(A) Initial Hydrostatic Mud	2710 PSI	Recorder No.	11038	T-Started	0830
(B) First Initial Flow Pressure	67 PSI	@ (depth)	5264	T-Open	1120
(C) First Final Flow Pressure	64 PSI	Recorder No.	5495	T-Pulled	1520
(D) Initial Shut-in Pressure	145 PSI	@ (depth)	5368	T-Out	1830
(E) Second Initial Flow Pressure	78 PSI	Recorder No.			
(F) Second Final Flow Pressure	78 PSI	@ (depth)			
(G) Final Shut-in Pressure	342 PSI	Initial Opening	30 min.	Test X	700
(H) Final Hydrostatic Mud	2500 PSI	Initial Shut-in	60 min	Jars X	200
		Final Flow	60 min.	Safety Joint X	50
		Final Shut-in	120 min	Straddle	
				Circ. Sub	
				Sampler	
				Extra Packer	
				Elect. Rec.	
				Other	
				TOTAL PRICE $	950

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 Roger Pearson

Our Representative Tom Hummel