WELL NAME:	Enns #2-16
COMPANY:	Eagle Creek Corp.
LOCATION:	16-34S-28W Meade County, Kansas
DATE:	5/26/98

TRILOBITE TESTING L.L.C.

OPERATOR : Eagle Creek Corp. DATE 5-21-98
WELL NAME: Enns #2-16 KB 2332.00 ft TICKET NO: 10222 DST #1
LOCATION : 16-34S-28W Meade KS GR 2320.00 ft FORMATION: Lansing "G"
INTERVAL : 4721.00 To 4755.00 ft TD 4755.00 ft TEST TYPE: CONV

RECORDER DATA

Mins		Field	1	2	3	4
PF 30	Rec.	10242	10242	13630		
SI 60	Range(Psi)	4175.0	4175.0	4625.0	0.0	0.0
SF 60	Clock(hrs)	12 hr	12 hr	12 hr		
FS 90	Depth(ft)	4744.0	4744.0	4752.0	0.0	0.0

TIME DATA----------
PF Fr. 0350 to 0420 hr
IS Fr. 0420 to 0520 hr
SF Fr. 0520 to 0620 hr
FS Fr. 0620 to 0750 hr

	Field	1	2	3	4
A. Init Hydro	2346.0	2370.0	0.0	0.0	0.0
B. First Flow	116.0	129.0	0.0	0.0	0.0
B1. Final Flow	116.0	129.0	0.0	0.0	0.0
C. In Shut-in	1361.0	1406.0	0.0	0.0	0.0
D. Init Flow	165.0	183.0	0.0	0.0	0.0
E. Final Flow	240.0	242.0	0.0	0.0	0.0
F. Fl Shut-in	1331.0	1367.0	0.0	0.0	0.0
G. Final Hydro	2337.0	2358.0	0.0	0.0	0.0
Inside/Outside		o	o	i	

T STARTED 0145 hr
T ON BOTM 0345 hr
T OPEN 0350 hr
T PULLED 0750 hr
T OUT 1145 hr

RECOVERY
Tot Fluid 775.00 ft of 340.00 ft in DC and 435.00 ft in DP
3960.00 ft of Gas in pipe
320.00 ft of Clean gassy oil 50% gas 50% oil
275.00 ft of Gassy mud cut oil 45% gas 40% oil 15% mud
180.00 ft of Gassy mud cut watery oil
0.00 ft of 16% gas 37% oil 17% water 30% mud
0.00 ft of
0.00 ft of
0.00 ft of
SALINITY 41000.00 P.P.M. A.P.I. Gravity 0.00

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

Tool Wt.	1800.00 lbs
Wt Set On Packer	23000.00 lbs
Wt Pulled Loose	4000.00 lbs
Initial Str Wt	63000.00 lbs
Unseated Str Wt	66000.00 lbs
Bot Choke	0.75 in
Hole Size	7.88 in
D Col. ID	2.25 in
D. Pipe ID	3.80 in
D.C. Length	340.00 ft
D.P. Length	4395.00 ft

BLOW DESCRIPTION
Initial Flow:
Strong, off bottom of bucket in 30 secs. gas to surface in 8 mins.
Initial Shut-in:
6" blow back, decreased
Final Flow:
See flow chart
Final Shut-in:
Strong, off bottom of bucket blow back

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

Mud Type	Chemical
Weight	9.20 lb/c
Vis.	48.00 S/L
W.L.	10.40 in3
F.C.	0.00 in
Mud Drop	
Amt. of fill	0.00 ft
Btm. H. Temp.	118.00 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	Lanny Saloga
Co. Rep.	Dave Callewert
Contr.	Abercrombie
Rig #	5
Unit #	
Pump T.	

SAMPLES:
SENT TO:

Test Successful: Y

GAS RECOVERY

COMPANY: Eagle Creek Corp. DATE: 5-21-98
WELL NAME: Enns #2-16 KB Elev: 2332.00 ft TICKET #10222 DST #1
WELL LOCATION: 16-34S-28W Meade KS GR Elev: 2320.00 ft FORMATION: Lansing "G"
INTERVAL Fr.: 4721.00 To 4755.00 T.D.: 4755.00 ft TEST TYPE: CONV

GAS RECOVERY MEASURED WITH Merla Gauge

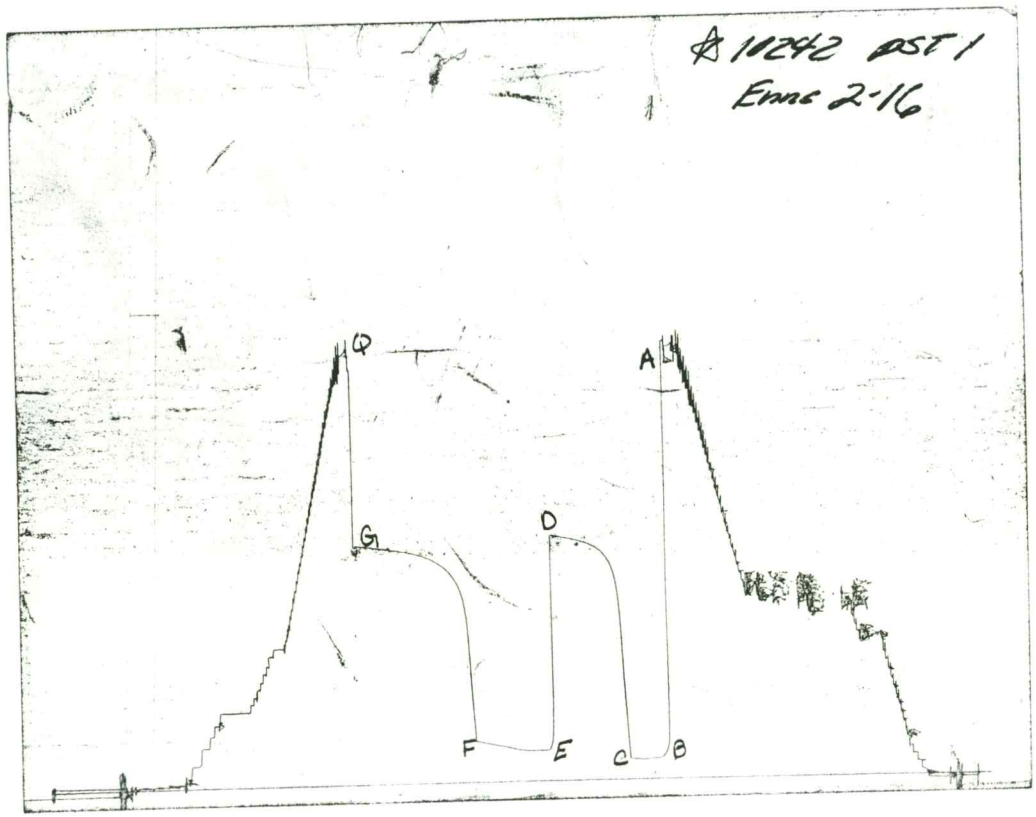
***** GAS RATES FOR FLOW #1

Time (min)	Orifice (in)	Pressure (Psi)	H2O (in)	Rate (cf/d)
10	0.75	0	24	69500.0
20	0.75	0	26	72400.0
30	0.75	0	19	61900.0

***** GAS RATES FOR FLOW #2

Time (min)	Orifice (in)	Pressure (Psi)	H2O (in)	Rate (cf/d)
10	0.75	0	26	72400.0
20	0.75	0	16	56800.0
30	0.75	0	12	49300.0
40	0.75	0	9	42500.0
50	0.75	0	13	51400.0
60	0.75	0	6	34700.0

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 • (913) 625-4778

GAS VOLUME REPORT

Eagle Creek Corp. (OPERATOR) | Enns #2-16 (WELL NAME AND NO.) | 1 (DST NO.)

GTS 8 min. into I.F.P.

I.F.P.

Min.	Ins. of Water PSIG	Orifice Size	CF/D
10	24	3/4"	69,500
20	26	"	72,400
30	19	"	61,900

F.F.P.

Min.	Ins. of Water PSIG	Orifice Size	CF/D
10	26	3/4"	72,400
20	16	"	56,800
30	12	"	49,300
40	9	"	42,500
50	13	"	51,400
60	6	"	34,700

Remarks: Gas burned. ~~+ Sample caught~~

~~To~~

TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Test Ticket

Nº 10222

Well Name & No. Enns #2-16 Test No. 1 Date 5-21-98

Company Eagle Creek Corp. Zone Tested Lansing "G"

Address 107 N. Market Suite 509 Wichita, Ks. 67202 Elevation 2332 KB 2320 GL

Co. Rep / Geo. Dave Callewaert Cont. Abercrombie Rig 5 Est. Ft. of Pay 5 Por. 20 %

Location: Sec. 16 Twp. 34S. Rge. 28W. Co. Meade State Ks.

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

Interval Tested 4721-4755 Initial Str Wt./Lbs 63,000 Unseated Str Wt./Lbs 66,000

Anchor Length 34' Tail=20' Wt. Set Lbs. 23,000 Wt. Pulled Loose/Lbs. 44,000

Top Packer Depth 4716 Tool Weight 1,800

Bottom Packer Depth 4721 Hole Size — 7 7/8" _____ Rubber Size — 6 3/4" _____

Total Depth 4755 Wt. Pipe Run — Drill Collar Run 340 (3 x 2 1/4 x 3)

Mud Wt. 9.2 LCM 0 Vis. 48 WL 10.4 Drill Pipe Size 4 1/2 XH (4") Ft. Run 4395 34' up

Blow Description Strong, OBB in 30 sec. GTS in 8 min. "See Flow Chart" I.F.P.
6" blow-back. Decreased I. So. I. P.
See Flow Chart. F.F.P.
Strong, OBB blow-back. F.S.I.P.

Recovery — Total Feet 775 GIP 3,960 Ft. in DC 340 Ft. in DP 435

Rec. 320	Feet Of Clean Gassy Oil	50 ‰gas	50 ‰oil	‰water	‰mud
Rec. 275	Feet Of Gassy Muddy Oil	45 ‰gas	40 ‰oil	‰water	15 ‰mud
Rec. 180	Feet Of Gassy Muddy Oily Oil	16 ‰gas	37 ‰oil	17 ‰water	30 ‰mud
Rec. _____	Feet Of _____	‰gas	‰oil	‰water	‰mud
Rec. _____	Feet Of _____	‰gas	‰oil	‰water	‰mud

BHT 118 °F Gravity 43 °API D@ 80 °F Corrected Gravity 41 °API

RW 0.16 @ 79 °F Chlorides 41,000 ppm Recovery Chlorides 4,000 ppm System

(A) Initial Hydrostatic Mud	2346 PSI	Recorder No.	10242	T-Started	1:45 A.M.
(B) First Initial Flow Pressure	112 PSI	(depth)	4744	T-Open	3:50 A.M.
(C) First Final Flow Pressure	116 PSI	Recorder No.	13630	T-Pulled	7:50 A.M.
(D) Initial Shut-in Pressure	1361 PSI	(depth)	4752	T-Out	11:45 A.M.
(E) Second Initial Flow Pressure	165 PSI	Recorder No.	—		
(F) Second Final Flow Pressure	240 PSI	(depth)	—		
(G) Final Shut-in Pressure	1331 PSI	Initial Opening	30	Test	✓ 700
(H) Final Hydrostatic Mud	2337 PSI	Initial Shut-in	60	Jars	
Rec. 10242		Final Flow	60	Safety Joint	
		Final Shut-in	90	Straddle	
				Circ. Sub	✓
				Sampler	
				Extra Packer	
				Elect. Rec.	
				Other	

TRILOBIITE 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 Dave Callewaert

TRILOBITE TESTING L.L.C.

OPERATOR : Eagle Creek Corp. DATE 5-22-98
WELL NAME: Enns #2-16 KB 2332.00 ft TICKET NO: 10223 DST #2
LOCATION : 16-34S-28W Meade KS GR 2320.00 ft FORMATION: Swope
INTERVAL : 4916.00 To 4941.00 ft TD 4941.00 ft TEST TYPE: CONV

RECORDER DATA

Mins			Field	1	2	3	4
PF	30	Rec.	10242	10242	13630		
SI	60	Range(Psi)	4175.0	4175.0	4625.0	0.0	0.0
SF	60	Clock(hrs)	12 hr	12 hr	12 hr		
FS	90	Depth(ft)	4929.0	4929.0	4948.0	0.0	0.0

TIME DATA----------
PF Fr. 0500 to 0530 hr
IS Fr. 0530 to 0630 hr
SF Fr. 0630 to 0730 hr
FS Fr. 0730 to 0900 hr

	Field	1	2	3	4
A. Init Hydro	2458.0	2422.0	0.0	0.0	0.0
B. First Flow	84.0	94.0	0.0	0.0	0.0
B1. Final Flow	93.0	101.0	0.0	0.0	0.0
C. In Shut-in	1719.0	1732.0	0.0	0.0	0.0
D. Init Flow	142.0	151.0	0.0	0.0	0.0
E. Final Flow	217.0	229.0	0.0	0.0	0.0
F. Fl Shut-in	1719.0	1732.0	0.0	0.0	0.0
G. Final Hydro	2454.0	2407.0	0.0	0.0	0.0
Inside/Outside	o	o	i		

T STARTED 0310 hr
T ON BOTM 0455 hr
T OPEN 0500 hr
T PULLED 0900 hr
T OUT 0100 hr

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

Tool Wt.	1800.00 lbs
Wt Set On Packer	22000.00 lbs
Wt Pulled Loose	13000.00 lbs
Initial Str Wt	64000.00 lbs
Unseated Str Wt	67000.00 lbs
Bot Choke	0.75 in
Hole Size	7.88 in
D Col. ID	2.25 in
D. Pipe ID	3.80 in
D.C. Length	340.00 ft
D.P. Length	4580.00 ft

RECOVERY
Tot Fluid 765.00 ft of 340.00 ft in DC and 425.00 ft in DP
4155.00 ft of Gas in pipe
575.00 ft of Clean gassy oil 30% gas 70% oil
190.00 ft of Gassy mud cut oil 50% gas 25% oil 25% mud
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

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

Mud Type	Chemical
Weight	9.20 lb/c
Vis.	55.00 S/L
W.L.	9.80 in3
F.C.	0.00 in
Mud Drop	
Amt. of fill	0.00 ft
Btm. H. Temp.	122.00 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	Lanny Saloga
Co. Rep.	Dave Callewert
Contr.	Abercrombie
Rig #	5
Unit #	
Pump T.	

BLOW DESCRIPTION
Initial Flow:
Strong, off bottom of bucket in 1 min
Gas to surface in 16 mins.
Initial Shut-in:
5" blow back
Final Flow:
See flow chart
Final Shut-in:
Strong, off bottom of bucket blow back

SAMPLES:
SENT TO:

Test Successful: Y

GAS RECOVERY

COMPANY: Eagle Creek Corp. DATE: 5-22-98
WELL NAME: Enns #2-16 KB Elev: 2332.00 ft TICKET #10223 DST #2
WELL LOCATION: 16-34S-28W Meade KS GR Elev: 2320.00 ft FORMATION: Swope
INTERVAL Fr.: 4916.00 To 4941.00 T.D.: 4941.00 ft TEST TYPE: CONV

GAS RECOVERY MEASURED WITH Merla Gauge

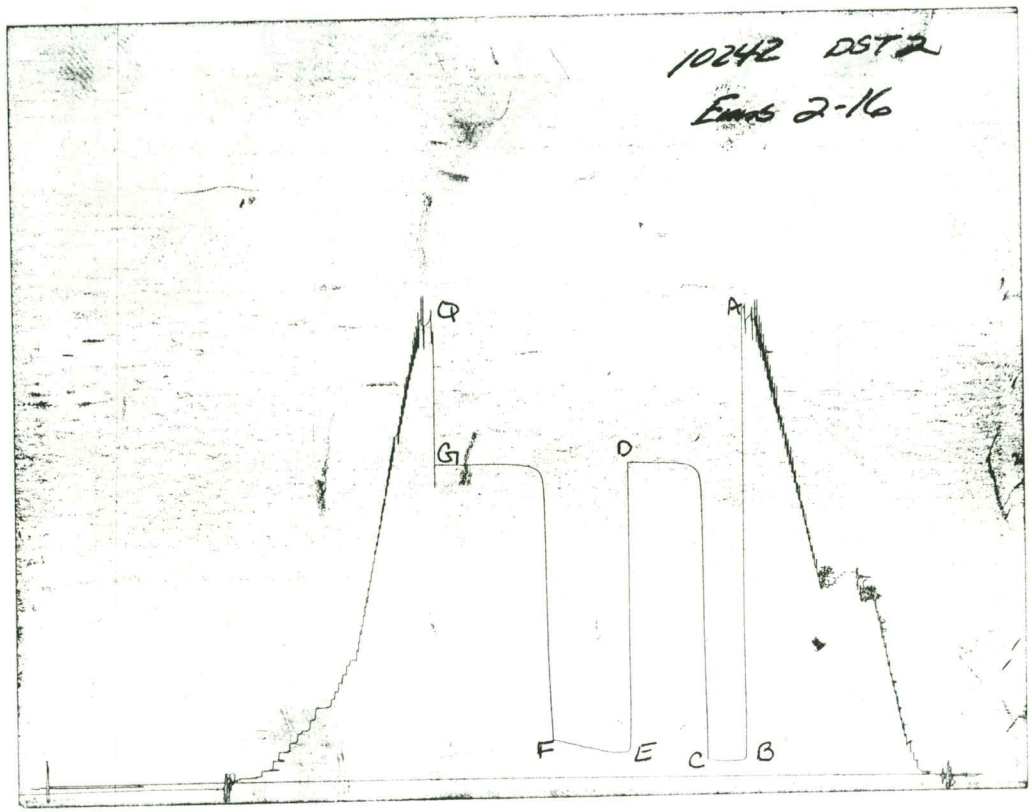
***** GAS RATES FOR FLOW #1

Time (min)	Orifice (in)	Pressure (Psi)	H2O (in)	Rate (cf/d)
20	0.50	0	24	30700.0
30	0.50	0	30	34300.0

***** GAS RATES FOR FLOW #2

Time (min)	Orifice (in)	Pressure (Psi)	H2O (in)	Rate (cf/d)
10	0.50	0	32	35500.0
20	0.50	0	28	33200.0
30	0.50	0	22	29400.0
40	0.50	0	18	26600.0
50	0.50	0	13	22800.0
60	0.50	0	15	24500.0

CHART PAGE



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

TRILOBITE TESTING L.L.C.

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GAS VOLUME REPORT

Eagle Creek Corp. (OPERATOR) | Enns #2-16 (WELL NAME AND NO.) | 2 (DST NO.)

STS 16 min. into I.F.P.

I. F. P.				F. F. P.			
Min.	Ins. of Water PSIG	Orifice Size	CF/D	Min.	Ins. of Water PSIG	Orifice Size	CF/D
20	24	1/2"	30,700	10	32	1/2"	35,500
20	30	"	34,300	20	28	"	33,200
				30	22	"	29,400
				40	18	"	26,600
				50	13	"	22,800
				60	15	"	24,500

Remarks: Gas burned. No sample caught.

TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Test Ticket

№ 10223

Well Name & No. Evans # 2-16 Test No. 2 Date 5-22-98

Company Eagle Creek Corp. Zone Tested Swope

Address 107 N. Market Suite 509 Wichita, Ks. 67202 Elevation 2332 KB 2320 GL

Co. Rep / Geo. Dave Callewert Cont. Abercrombie Rig 5 Est. Ft. of Pay 2 Por 25 %

Location: Sec. 16 Twp. 34S Rge. 28W Co. Meade State Ks.

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

Interval Tested 4916-4941 Initial Str Wt./Lbs 64,000 Unseated Str Wt./Lbs. 67,000

Anchor Length 25' Tool=20' Wt. Set Lbs 22,000 Wt. Pulled Loose/Lbs. 63,000

Top Packer Depth 4911 Tool Weight 4,800

Bottom Packer Depth 4916 Hole Size — 7 7/8" _____ Rubber Size — 6 3/4" _____

Total Depth 4941 Wt. Pipe Run — Drill Collar Run 340 (33 jts)

Mud Wt. 9.2 LCM 0 Vis. 55 WL 9.8 Drill Pipe Size 4½ x.H. (46) Ft. Run 4580 24 jts up

Blow Description Strong. OBB in 1 min. GTS in 16 min. See Flow Chart. I.F.P.
5" blow-back. I.S.I.P.
See Flow Chart. F.F.P.
Strong. OBB blow-back. F.S.I.P.

Recovery — Total Feet 765 GIP 41/55 Ft. in DC 340 Ft. in DP 425

Rec. 575	Feet Of CGO	30 %gas	70 %oil	%water	%mud
Rec. 190	Feet Of Gassy Mud cut Oil	50 %gas	25 %oil	%water	25 %mud
Rec.	Feet Of	%gas	%oil	%water	%mud
Rec.	Feet Of	%gas	%oil	%water	%mud
Rec.	Feet Of	%gas	%oil	%water	%mud

BHT 122 °F Gravity 36 °API D@ 80 °F Corrected Gravity 34 °API

RW — @ — °F Chlorides — ppm Recovery Chlorides 3,500 ppm System

(A) Initial Hydrostatic Mud	2458 PSI	Recorder No.	10242	T-Started	3:10 A.M.
(B) First Initial Flow Pressure	84 PSI	(depth)	4929	T-Open	5:00 A.M.
(C) First Final Flow Pressure	93 PSI	Recorder No.	13630	T-Pulled	9:00 A.M.
(D) Initial Shut-in Pressure	1719 PSI	(depth)	4938	T-Out	1:00 P.M.
(E) Second Initial Flow Pressure	142 PSI	Recorder No.	—		
(F) Second Final Flow Pressure	217 PSI	(depth)	—		
(G) Final Shut-in Pressure	1719 PSI	Initial Opening	30	Test	✓ 700
(H) Final Hydrostatic Mud	2454 PSI	Initial Shut-in	60	Jars	
Rec. 10242		Final Flow	60	Safety Joint	
		Final Shut-in	90	Straddle	
				Circ. Sub	✓
				Sampler	
				Extra Packer	
				Elect. Rec.	
				Other	

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Approved By _____