

15-151-22141

5-26s-11w

Well Name:	LONG #4			
Company :	KENNETH S WHITE			
Location - Sec:	5	Twp:	26S	Rge: 11W
County:	PRATT	State:	KS	
Date:	11/26/95			

TRILOBITE TESTING L.L.C.

OPERATOR : Kenneth S White

DATE 11/26/95

WELL NAME: Long #4

KB 1856.00 ft

TICKET NO: 8686

DST #1

LOCATION : 5-26S-11W, Pratt Cty KS

GR 1851.00 ft

FORMATION: Mississippi

INTERVAL : 4028.00 To 4110.00 ft

TD 4300.00 ft

TEST TYPE: CONVENTIONAL

RECORDER DATA

Mins	Field	1	2	3	4	TIME DATA-----
PF 25 Rec.	13788	10248	13789			PF Fr. 0220 to 0245 hr
SI 30 Range(Psi)	4650.0	4400.0	0.0	0.0	0.0	IS Fr. 0245 to 0315 hr
SF 15 Clock(hrs)	AK-1	AK-1	AK-1			SF Fr. 0315 to 0330 hr
FS 45 Depth(ft)	4297.0	4031.0	4106.0	0.0	0.0	FS Fr. 0330 to 0415 hr

	Field	1	2	3	4	
A. Init Hydro	0.0	0.0	0.0	0.0	0.0	T STARTED 0030 hr
B. First Flow	0.0	0.0	0.0	0.0	0.0	T ON BOTM 0217 hr
Bl. Final Flow	0.0	0.0	0.0	0.0	0.0	T OPEN 0220 hr
C. In Shut-in	0.0	0.0	0.0	0.0	0.0	T PULLED 0415 hr
D. Init Flow	0.0	0.0	0.0	0.0	0.0	T OUT 0610 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	TOOL DATA-----
G. Final Hydro	0.0	0.0	0.0	0.0	0.0	Tool Wt. 0.00 lbs
Inside/Outside						Wt Set On Packer 20000.00 lbs
						Wt Pulled Loose 60000.00 lbs
						Initial Str Wt 50000.00 lbs
						Unseated Str Wt 50000.00 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 242.00 ft
						D.P. Length 4014.00 ft

RECOVERY

Tot Fluid 1.00 ft of 1.00 ft in DC and 0.00 ft in DP
1.00 ft of Drilling mud

SALINITY 5000.00 P.P.M. A.P.I. Gravity 0.00

BLOW DESCRIPTION

Initial Blow -
Weak .5" blow

Final Blow -
No blow

*Misrun. Bumper on top of recorder came
off and lodged in top packer plugging
the test.

SAMPLES:

SENT TO:

MUD DATA-----

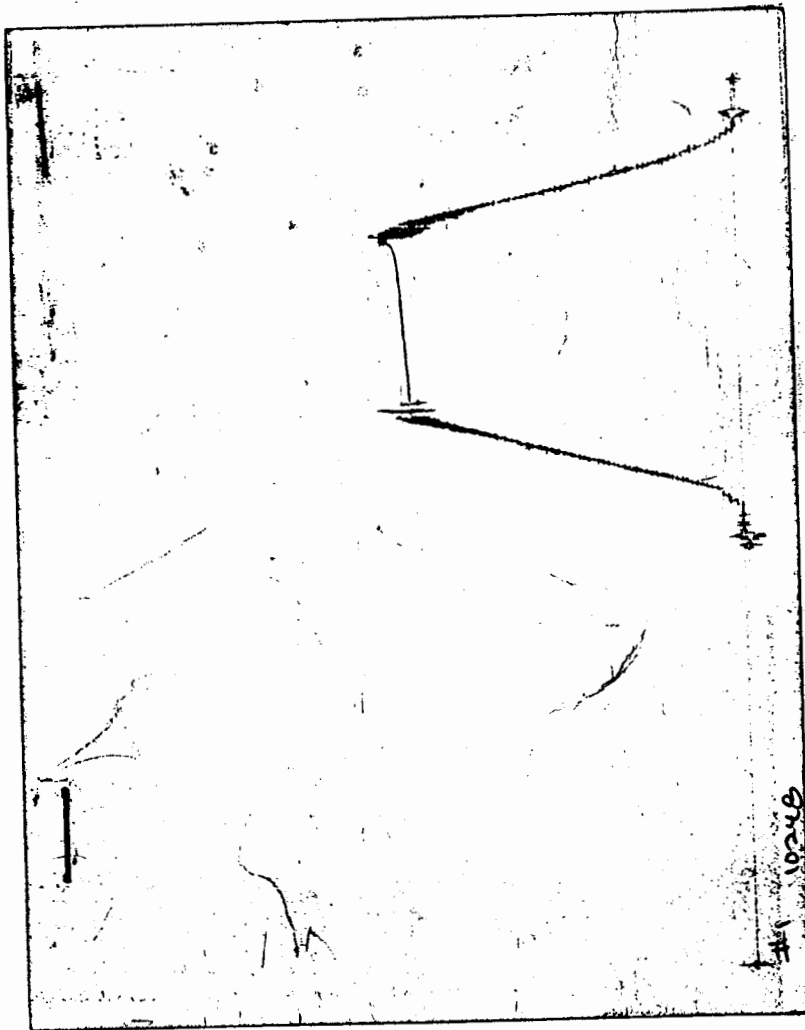
Mud Type	Chemical
Weight	9.10 lb/c
Vis.	49.00 S/L
W.L.	8.80 in3
F.C.	0.00 in
Mud Drop	

Amt. of fill	0.00 ft
Btm. H. Temp.	120.00 F
Hole Condition	
% Porosity	0.00
Packer Size	6.75 in
No. of Packers	3
Cushion Amt.	0.00
Cushion Type	
Reversed Out	
Tool Chased	

Tester Gary Pevoteaux
Co. Rep. Tom Robinson
Contr. Pickrell
Rig # 1
Unit #
Pump T.

Test Successful:

CHART PAGE



This is an actual photograph of recorder chart

TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Test Ticket

No 8686

STRADDLE

Well Name & No. <u>LONG #4</u>	Test No. <u>1</u>	Date <u>11-26-95</u>
Company <u>KENNETH S. WHITE</u>	Zone Tested <u>MISS</u>	
Address <u>200 E. FIRST SUITE #105 / WICHITA KS. 67202</u> Elevation <u>1856</u> KB <u>1851</u> GL		
Co. Rep / Geo. <u>TOM ROBINSON</u>	Cont. <u>PETERELL DRUG #1</u>	Est. Ft. of Pay <u> </u> Por. <u> </u> %
Location: Sec. <u>5</u>	Twp. <u>26S</u>	Rge. <u>11W</u> Co. <u>PRAIRIE</u> State <u>KS.</u>
No. of Copies <u>5</u>	Distribution Sheet (Y, N) <u> </u>	Turnkey (Y, N) <u> </u> Evaluation (Y, N) <u> </u>

Interval Tested <u>4028-4110'</u>	Initial Str Wt./Lbs. <u>50,000</u>	Unseated Str Wt./Lbs. <u>50,000</u>
Anchor Length <u>82'</u>	Wt. Set Lbs. <u>20,000</u>	Wt. Pulled Loose/Lbs. <u>60,000</u>
Top Packer Depth <u>4028'</u>	Hole Size — 7 7/8" <u>✓</u>	Rubber Size — 6 3/4" <u>✓</u>
Bottom Packer Depth <u>4110'</u>	Wt. Pipe I.D. — 2.7 Ft. Run <u>None</u>	
Total Depth <u>4300'</u>	Drill Collar — 2.25 Ft. Run <u>242</u>	
Mud Wt. <u>9.1</u> LCM <u>~</u> Vis. <u>49 WL 8.8cc</u>	Drill Pipe Size <u>4 1/2" x 14</u>	Ft. Run <u>4014</u>
Blow Description <u>IF: Weak below (1/2")</u>		

FF: No below.

COMMENT: BUMPER ON TOP REQUIRED CAME OFF, AND LODGED IN TOP PKR. PLUGGING THE TEST. MISR.

Recovery — Total Feet <u>1</u>	Ft. in DC <u>1</u>	Ft. in WP <u> </u>	Ft. in DP <u> </u>
Rec. <u>1</u> Feet Of <u>Only Mud.</u>	%gas <u> </u>	%oil <u> </u>	%water <u> </u> %mud <u> </u>
Rec. <u> </u> Feet Of <u> </u>	%gas <u> </u>	%oil <u> </u>	%water <u> </u> %mud <u> </u>
Rec. <u> </u> Feet Of <u> </u>	%gas <u> </u>	%oil <u> </u>	%water <u> </u> %mud <u> </u>
Rec. <u> </u> Feet Of <u> </u>	%gas <u> </u>	%oil <u> </u>	%water <u> </u> %mud <u> </u>
Rec. <u> </u> Feet Of <u> </u>	%gas <u> </u>	%oil <u> </u>	%water <u> </u> %mud <u> </u>

BHT 120 °F Gravity N.A. °API D@ °F Corrected Gravity N.A. °API

RW N.C. @ °F Chlorides 5,000 ppm Recovery Chlorides 5,000 ppm System

(A) Initial Hydrostatic Mud <u> </u> PSI	Recorder No. <u>13788</u>	T-Started <u>0030</u>
(B) First Initial Flow Pressure <u> </u> PSI	@ (depth) <u>4297'</u>	T-Open <u>0220</u>
(C) First Final Flow Pressure <u> </u> PSI	Recorder No. <u>10248</u>	T-Pulled <u>0415</u>
(D) Initial Shut-in Pressure <u> </u> PSI	@ (depth) <u>4031'</u>	T-Out <u>0610</u>
(E) Second Initial Flow Pressure <u> </u> PSI	Recorder No. <u>13789</u>	
(F) Second Final Flow Pressure <u> </u> PSI	@ (depth) <u>4106'</u>	
(G) Final Shut-in Pressure <u> </u> PSI	Initial Opening <u>25</u>	Test Minimum <u>✓</u> <u>400</u>
(H) Final Hydrostatic Mud <u> </u> PSI	Initial Shut-in <u>30</u>	Jars <u> </u>

Final Flow 15 Safety Joint

Final Shut-in 45 Straddle ✓ 250

 Circ. Sub

 Sampler

Extra Packer

Elect. Rec.

Other

TOTAL PRICE \$ ✓ 650

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 Kenneth S. White

Our Representative Emily Wolan

TRILOBITE TESTING L.L.C.

OPERATOR : Kenneth S White

DATE 11/26/95

WELL NAME: Long #4

KB 1856.00 ft

TICKET NO: 8687

DST #2

LOCATION : 5-26S-11W, Pratt Cty KS

GR 1851.00 ft

FORMATION: Mississippi

INTERVAL : 4028.00 To 4110.00 ft

TD 4300.00 ft

TEST TYPE: CONVENTIONAL

RECORDER DATA

Mins	Field	1	2	3	4	TIME DATA-----
PF 30 Rec.	13789	13789	13788	10248		PF Fr. 0832 to 0902 hr
SI 45 Range(Psi)	0.0	0.0	4650.0	4400.0	0.0	IS Fr. 0902 to 0947 hr
SF 30 Clock(hrs)	AK-1	AK-1	AK-1	AK-1		SF Fr. 0947 to 1017 hr
FS 60 Depth(ft)	4106.0	4106.0	4297.0	4031.0	0.0	FS Fr. 1017 to 1117 hr

	Field	1	2	3	4	
A. Init Hydro	2042.0	2044.0	0.0	0.0	0.0	T STARTED 0635 hr
B. First Flow	153.0	174.0	0.0	0.0	0.0	T ON BOTM 0830 hr
B1. Final Flow	181.0	191.0	0.0	0.0	0.0	T OPEN 0832 hr
C. In Shut-in	541.0	523.0	0.0	0.0	0.0	T PULLED 1117 hr
D. Init Flow	198.0	195.0	0.0	0.0	0.0	T OUT 1310 hr
E. Final Flow	205.0	202.0	0.0	0.0	0.0	
F. Fl Shut-in	393.0	384.0	0.0	0.0	0.0	TOOL DATA-----
G. Final Hydro	2001.0	2000.0	0.0	0.0	0.0	Tool Wt. 0.00 lbs
Inside/Outside						Wt Set On Packer 20000.00 lbs
						Wt Pulled Loose 56000.00 lbs
						Initial Str Wt 50000.00 lbs
						Unseated Str Wt 50500.00 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 242.00 ft
						D.P. Length 4014.00 ft

RECOVERY

Tot Fluid 260.00 ft of 242.00 ft in DC and 18.00 ft in DP
260.00 ft of Heavy drilling mud

SALINITY 5000.00 P.P.M. A.P.I. Gravity 0.00

BLOW DESCRIPTION

Initial Blow -

Strong blow, bottom of bucket in 3-4
sec. decreasing to fair intermittent
blow, 6"

Final Blow -

Very weak surface blow, dead in 10 min
Flushed tool 15 min into final flow;
weak blow returned, .25" or less

SAMPLES:

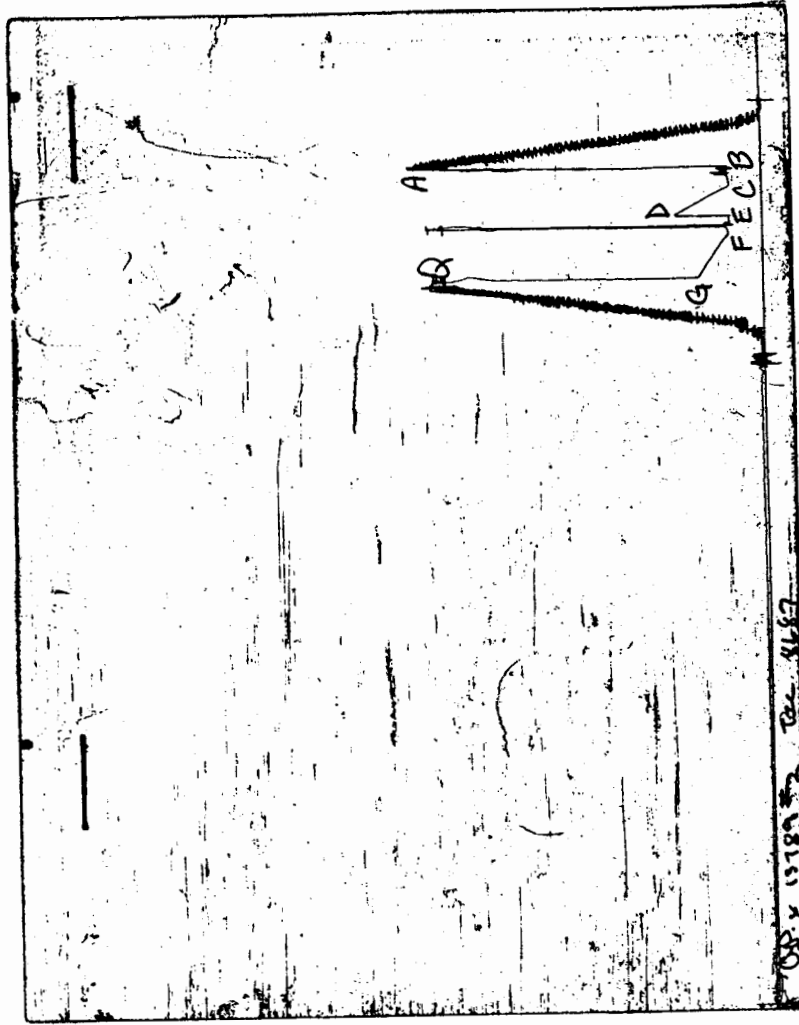
SENT TO:

MUD DATA-----

Mud Type	Chemical
Weight	9.10 lb/c
Vis.	49.00 S/L
W.L.	8.80 in3
F.C.	0.00 in
Mud Drop	
Amt. of fill	0.00 ft
Btm. H. Temp.	121.00 F
Hole Condition	
% Porosity	0.00
Packer Size	6.75 in
No. of Packers	3
Cushion Amt.	0.00
Cushion Type	
Reversed Out	
Tool Chased	
Tester	Gary Pevoteaux
Co. Rep.	Tom Robinson
Contr.	Pickrell
Rig #	1
Unit #	
Pump T.	

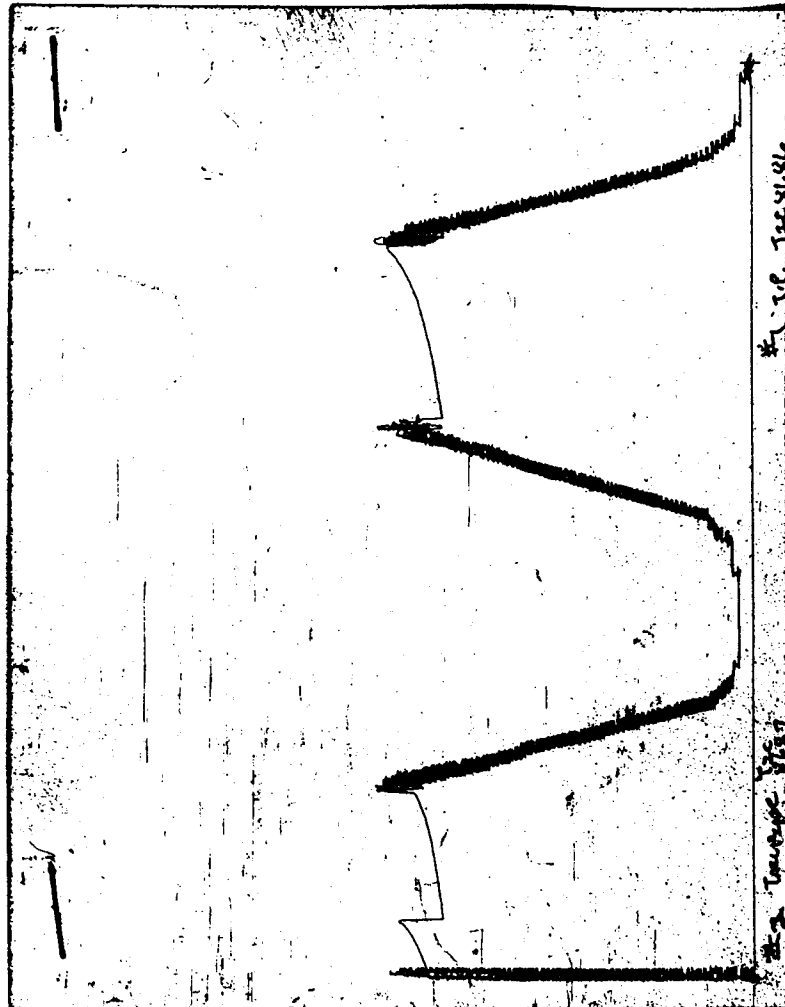
Test Successful: Y

CHART PAGE



This is an actual photograph of recorder chart

CHART PAGE



This is an actual photograph of recorder chart

TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Test Ticket

No 8687

STRADDLE

Well Name & No. <u>LONG #4</u>	Test No. <u>2</u>	Date <u>11-26-95</u>
Company <u>KENNETH S. WHITE</u>	Zone Tested <u>MISS</u>	
Address <u>2002 FIRST, SUITE 405 / WICHITA KS 67202</u>		Elevation <u>1856</u> KB <u>1851</u> GL
Co. Rep / Geo. <u>TOM ROBINSON</u>	Cont. <u>PICKERL DIZG. #1</u>	Est. Ft. of Pay <u> </u> Por. <u> </u> %
Location: Sec. <u>5</u>	Twp. <u>26S</u>	Rge. <u>11W</u> Co. <u>PRATT</u> State <u>KS</u>
No. of Copies <u>5</u>	Distribution Sheet (Y, N) <u> </u>	Turnkey (Y, N) <u> </u> Evaluation (Y, N) <u> </u>

Interval Tested <u>4028 - 4110'</u>	Initial Str Wt./Lbs. <u>50,000</u>	Unseated Str Wt./Lbs. <u>52500</u>
Anchor Length <u>82'</u>	Wt. Set Lbs. <u>20,000</u>	Wt. Pulled Loose/Lbs. <u>56,000</u>
Top Packer Depth <u>4028'</u>	Hole Size — 7 7/8" <u>✓</u>	Rubber Size — 6 3/4" <u>✓</u>
Bottom Packer Depth <u>4110'</u>	Wt. Pipe I.D. — 2.7 Ft. Run <u>NONE</u>	
Total Depth <u>4300'</u>	Drill Collar — 2.25 Ft. Run <u>242</u>	
Mud Wt. <u>9.1</u> LCM <u>~</u> Vis. <u>49</u> WL <u>B.B.C.C.</u>	Drill Pipe Size <u>4 1/2" x .4</u>	Ft. Run <u>4014</u>
Blow Description <u>IF: Strong blow (blow of launch in 3-4 secs.) decreasing to fair intermittent blow. (6")</u>		
<u>FF: Very weak surface blow. Dead in 10 mins. Flushed tool 15 mins in to FFP. Weak blow returned (1/4" or less)</u>		
Recovery — Total Feet <u>260</u>	Ft. in DC <u>242</u>	Ft. in WP <u>~</u>
Rec. <u>260</u> Feet Of <u>Heavy Dry Mud.</u>	%gas <u> </u>	%oil <u> </u>
Rec. <u> </u> Feet Of <u> </u>	%gas <u> </u>	%oil <u> </u>
Rec. <u> </u> Feet Of <u> </u>	%gas <u> </u>	%oil <u> </u>
Rec. <u> </u> Feet Of <u> </u>	%gas <u> </u>	%oil <u> </u>
Rec. <u> </u> Feet Of <u> </u>	%gas <u> </u>	%oil <u> </u>
BHT <u>121</u> °F Gravity <u>N.A.</u>	°API D@ <u>~</u>	°F Corrected Gravity <u>N.A.</u>
RW <u>N.C.</u> @ <u>~</u>	°F Chlorides <u>5,000</u>	ppm Recovery Chlorides <u>5,000</u>
(A) Initial Hydrostatic Mud <u>2042</u> PSI	Recorder No. <u>13288</u>	T-Started <u>0635</u>
(B) First Initial Flow Pressure <u>153</u> PSI	@ (depth) <u>4297'</u>	T-Open <u>0832</u>
(C) First Final Flow Pressure <u>181</u> PSI	Recorder No. <u>10248</u>	T-Pulled <u>1117</u>
(D) Initial Shut-in Pressure <u>541</u> PSI	@ (depth) <u>4031'</u>	T-Out <u>1310</u>
(E) Second Initial Flow Pressure <u>198</u> PSI	Recorder No. <u>13289</u>	
(F) Second Final Flow Pressure <u>205</u> PSI	@ (depth) <u>4106'</u>	
(G) Final Shut-in Pressure <u>393</u> PSI	Initial Opening <u>30</u>	Test <u>✓ 600</u>
(H) Final Hydrostatic Mud <u>2001</u> PSI	Initial Shut-in <u>45</u>	Jars <u> </u>

Final Flow <u>30</u>	Safety Joint <u> </u>
Final Shut-in <u>60</u>	Straddle <u>✓ 250</u>
<u> </u>	Circ. Sub <u> </u>
<u> </u>	Sampler <u> </u>
<u> </u>	Extra Packer <u> </u>
<u> </u>	Elect. Rec. <u> </u>
<u> </u>	Other <u> </u>

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Approved By Kenneth S. White

Our Representative Corey P. Walters

TOTAL PRICE \$ ✓ 850.00