

TRILOBITE TESTING, L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Drill-Stem Test Data

Well Name SCHMIDT #1-35 Test No. 1 Date 2/23/95
Company CROSSBAR PETROLEUM INC Zone COTTONWOOD
Address 151 N. MAIN #630, WICHITA, KS 67202-1407 Elevation 2177
Co. Rep./Geo. STEVE DAVIS Cont. MURFIN DRILLING #21 Est. Ft. of Pay _____
Location: Sec. 35 Twp. 29S Rge. 18W Co. KIOWA State KS

Interval Tested 2977-3050
Anchor Length 73
Top Packer Depth 2972
Bottom Packer Depth 2977
Total Depth 3050

Drill Pipe Size 4.5" XH
Wt. Pipe I.D. - 2.7 Ft. Run _____
Drill Collar - 2.25 Ft. Run 120
Mud Wt. 8.8 lb/Gal.
Viscosity 42 Filtrate 13.2

Tool Open @ 5:20PM Initial Blow WEAK BLOW (3/4 TO 2-1/2")

Final Blow WEAK TO FAIR BLOW (1 TO 5")

Recovery - Total Feet 65 Flush Tool? NO

Rec. 65 Feet of WATERY MUD. 12% WATER; 88% MUD.
Rec. _____ Feet of _____
Rec. _____ Feet of _____
Rec. _____ Feet of _____
Rec. _____ Feet of _____

BHT 101 °F Gravity _____ °API @ _____ °F Corrected Gravity _____ °API
RW _____ @ _____ °F Chlorides 8000 ppm Recovery Chlorides 6000 ppm System

(A) Initial Hydrostatic Mud 1394.50 PSI AK1 Recorder No. 13788 Range 4650

(B) First Initial Flow Pressure 33.80 PSI @ (depth) 3047 w / Clock No. 27665

(C) First Final Flow Pressure 30.40 PSI AK1 Recorder No. 10248 Range 4400

(D) Initial Shut-in Pressure 554.40 PSI @ (depth) 2982 w / Clock No. 23858

(E) Second Initial Flow Pressure 33.80 PSI AK1 Recorder No. _____ Range _____

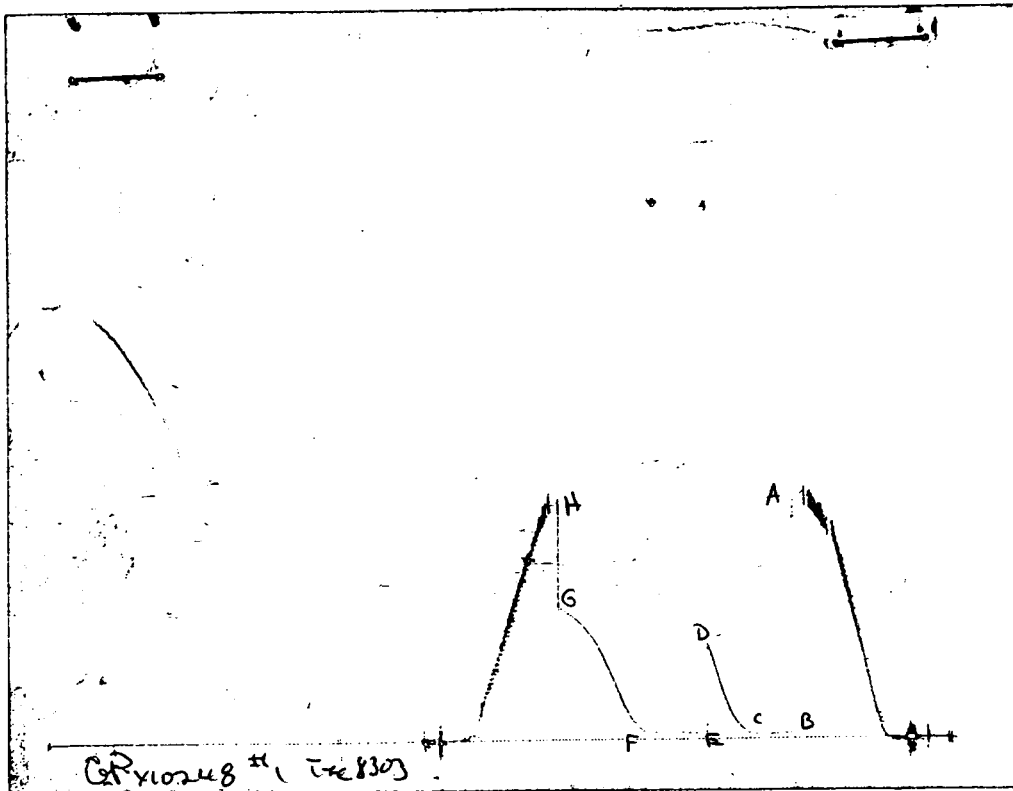
(F) Second Final Flow Pressure 41.70 PSI @ (depth) _____ w / Clock No. _____

(G) Final Shut-in Pressure 762.20 PSI Initial Opening 30 Final Flow 45

(H) Final Hydrostatic Mud 1356.70 PSI Initial Shut-in 30 Final Shut-in 60

Our Representative GARY PEVOTEAUX

CHART PAGE



This is an actual photograph of an AK1 recorder chart

	FIELD READING	OFFICE READING
(A) INITIAL HYDROSTATIC MUD	1417	1394.50
(B) FIRST INITIAL FLOW PRESSURE	18	33.80
(C) FIRST FINAL FLOW PRESSURE	21	30.40
(D) INITIAL CLOSED-IN PRESSURE	557	554.40
(E) SECOND INITIAL FLOW PRESSURE	21	33.80
(F) SECOND FINAL FLOW PRESSURE	25	41.70
(G) FINAL CLOSED-IN PRESSURE	764	762.20
(H) FINAL HYDROSTATIC MUD	1358	1356.70

TRILOBITE TESTING, L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Drill-Stem Test Data

Well Name SCHMIDT #1-35 Test No. 2 Date 2/24/95
Company CROSSBAR PETROLEUM INC Zone WABAUNSEE
Address 151 N. MAIN #630, WICHITA, KS 67202-1407 Elevation 2177
Co. Rep./Geo. STEVE DAVIS Cont. MURFIN DRILLING #21 Est. Ft. of Pay _____
Location: Sec. 35 Twp. 29S Rge. 18W Co. KIOWA State KS

Interval Tested <u>3325-3362</u>	Drill Pipe Size <u>4.5" XH</u>
Anchor Length <u>37</u>	Wt. Pipe I.D. - 2.7 Ft. Run _____
Top Packer Depth <u>3320</u>	Drill Collar - 2.25 Ft. Run <u>120</u>
Bottom Packer Depth <u>3325</u>	Mud Wt. <u>9.1</u> lb/Gal.
Total Depth <u>3362</u>	Viscosity <u>45</u> Filtrate <u>14.8</u>

Tool Open @ 4:12PM Initial Blow FAIR TO STRONG BLOW. BOTTOM OF BUCKET IN 23 MINUTES.

Final Blow FAIR BLOW (4 TO 12 INCHES).

Recovery - Total Feet 20 Flush Tool? NO

Rec. <u>20</u>	Feet of <u>DRILLING MUD.</u>
Rec. _____	Feet of _____
Rec. _____	Feet of _____
Rec. _____	Feet of _____
Rec. _____	Feet of _____

BHT 102 °F Gravity _____ °API @ _____ °F Corrected Gravity _____ °API
RW _____ @ _____ °F Chlorides 8500 ppm Recovery Chlorides 8500 ppm System

(A) Initial Hydrostatic Mud 1638.80 PSI AK1 Recorder No. 13788 Range 4650

(B) First Initial Flow Pressure 32.70 PSI @ (depth) 3359 w / Clock No. 27665

(C) First Final Flow Pressure 32.70 PSI AK1 Recorder No. 10248 Range 4400

(D) Initial Shut-in Pressure 220.70 PSI @ (depth) 3354 w / Clock No. 23858

(E) Second Initial Flow Pressure 36.00 PSI AK1 Recorder No. _____ Range _____

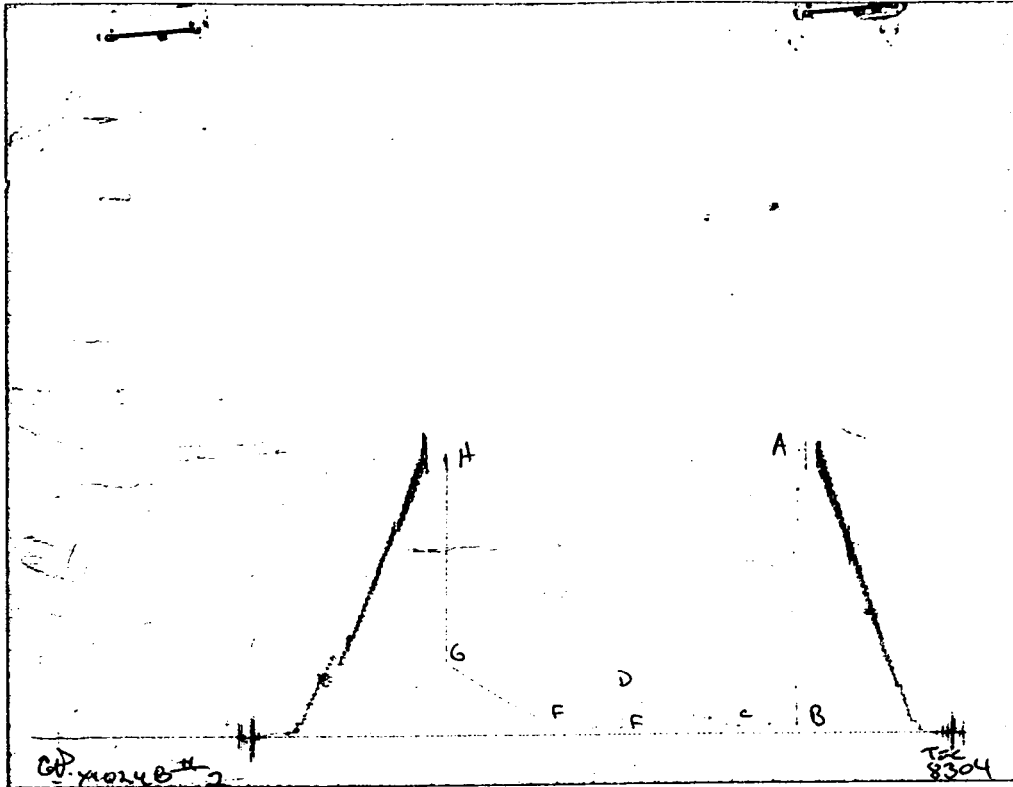
(F) Second Final Flow Pressure 36.00 PSI @ (depth) _____ w / Clock No. _____

(G) Final Shut-in Pressure 421.20 PSI Initial Opening 30 Final Flow 30

(H) Final Hydrostatic Mud 1583.70 PSI Initial Shut-in 60 Final Shut-in 60

Our Representative GARY PEVOTEAUX

CHART PAGE



This is an actual photograph of an AK1 recorder chart

	FIELD READING	OFFICE READING
(A) INITIAL HYDROSTATIC MUD	1622	1638.80
(B) FIRST INITIAL FLOW PRESSURE	28	32.70
(C) FIRST FINAL FLOW PRESSURE	28	32.70
(D) INITIAL CLOSED-IN PRESSURE	227	220.70
(E) SECOND INITIAL FLOW PRESSURE	28	36.00
(F) SECOND FINAL FLOW PRESSURE	28	36.00
(G) FINAL CLOSED-IN PRESSURE	422	421.20
(H) FINAL HYDROSTATIC MUD	1570	1583.70

TRILOBITE TESTING, L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Drill-Stem Test Data

Well Name SCHMIDT #1-35 Test No. 3 Date 2/28/95
Company CROSSBAR PETROLEUM INC Zone MISSISSIPPI
Address 151 N. MAIN #630, WICHITA, KS 67202-1407 Elevation 2177
Co. Rep./Geo. THOMAS BLAIR Cont. MURFIN DRILLING #21 Est. Ft. of Pay _____
Location: Sec. 35 Twp. 29S Rge. 18W Co. KIOWA State KS

Interval Tested 4884-4965
Anchor Length 81
Top Packer Depth 4879
Bottom Packer Depth 4884
Total Depth 4965

Drill Pipe Size 4.5" XH
Wt. Pipe I.D. - 2.7 Ft. Run _____
Drill Collar - 2.25 Ft. Run 120
Mud Wt. 9.3 lb/Gal.
Viscosity 55 Filtrate 7.2

Tool Open @ 4:09PM Initial Blow STRONG BLOW. GAS TO SURFACE IN 4 MINUTES.
(SEE GAS VOLUME REPORT).
Final Blow STRONG BLOW (SEE GAS VOLUME REPORT).

Recovery - Total Feet 330 Flush Tool? NO

Rec. 4545 Feet of GAS IN PIPE
Rec. 155 Feet of GASSY CUT WATERY MUD 10% GAS; 17% WATER; 73% MUD.
Rec. 175 Feet of GASSY MUD 20% GAS; 80% MUD
Rec. _____ Feet of _____
Rec. _____ Feet of _____

BHT 127 °F Gravity _____ °API @ _____ °F Corrected Gravity _____ °API
RW 3.27 @ 51 °F Chlorides 6000 ppm Recovery Chlorides 3500 ppm System

(A) Initial Hydrostatic Mud 2397.80 PSI AK1 Recorder No. 13788 Range 4650

(B) First Initial Flow Pressure 139.60 PSI @ (depth) 4962 w / Clock No. 27665

(C) First Final Flow Pressure 194.80 PSI AK1 Recorder No. 10248 Range 4400

(D) Initial Shut-in Pressure 564.40 PSI @ (depth) 4889 w / Clock No. 23858

(E) Second Initial Flow Pressure 333.30 PSI AK1 Recorder No. _____ Range _____

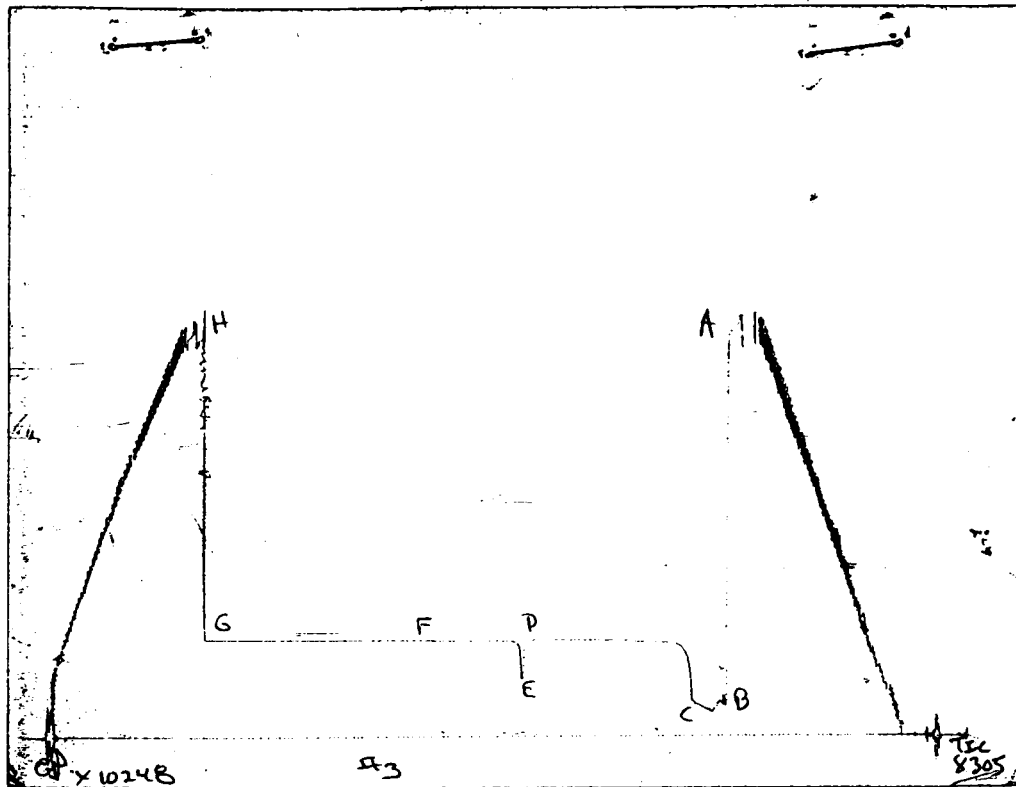
(F) Second Final Flow Pressure 562.20 PSI @ (depth) _____ w / Clock No. _____

(G) Final Shut-in Pressure 567.80 PSI Initial Opening 45 Final Flow 45

(H) Final Hydrostatic Mud 2346.70 PSI Initial Shut-in 60 Final Shut-in 120

Our Representative GARY PEVOTEAUX

CHART PAGE



This is an actual photograph of an AK1 recorder chart

	FIELD READING	OFFICE READING
(A) INITIAL HYDROSTATIC MUD	2371	2397.80
(B) FIRST INITIAL FLOW PRESSURE	137	139.60
(C) FIRST FINAL FLOW PRESSURE	202	194.80
(D) INITIAL CLOSED-IN PRESSURE	559	564.40
(E) SECOND INITIAL FLOW PRESSURE	328	333.30
(F) SECOND FINAL FLOW PRESSURE	553	562.20
(G) FINAL CLOSED-IN PRESSURE	562	567.80
(H) FINAL HYDROSTATIC MUD	2327	2346.70

GAS VOLUME REPORT

CROSSBAR PETROLEUM INC

SCHMIDT #1-35

DST # 3

<u>MIN</u>	<u>INS. WATER</u>	<u>ORIFICE</u>	<u>MCF/D</u>	<u>MIN</u>	<u>INS. WATER</u>	<u>ORIFICE</u>	<u>MCF/D</u>
	<u>PSIG</u>				<u>PSIG</u>		
4		2	GTS	10	22	0.5	29.4
10	10 PSI	0.75	259	20	8	0.5	17.2
20	7.5 PSI	0.75	219	30	6	0.5	15.4
30	18" WTR	0.5	26.6	40	56	0.25	12.6
40	18" WTR	0.5	26.6	45	70	0.25	14.1

Remarks:

TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Test Ticket

No 8305

Well Name & No. <u>SCHMIDT # 1-35</u>	Test No. <u>3</u>	Date <u>2-28-95</u>
Company <u>CROSS BAR PET. INC.</u>	Zone Tested <u>MISS</u>	
Address <u>SI N. MAIN SUITE 630 / WICHITA KS. 67202</u>	Elevation <u>2177 KB.</u>	
Co. Rep./Geo. <u>THOMAS BLAIR</u>	Cont. <u>MURFIN DIRG. #21</u>	Est. Ft. of Pay <u></u>
Location: Sec. <u>35</u>	Twp. <u>29S</u>	Rge. <u>18W</u> Co. <u>KIOWA</u> State <u>KS.</u>
No. of Copies <u>7</u>	Distribution Sheet <u></u>	Yes <u></u> No <u></u> Turnkey <u></u> Yes <u></u> No <u></u> Evaluation <u></u>

Interval Tested <u>4884 - 4965'</u>	Drill Pipe Size <u>4 1/2" KH.</u>
Anchor Length <u>81'</u>	Top Choke — 1" <u>✓</u> Bottom Choke — 1/4" <u>✓</u>
Top Packer Depth <u>4879'</u>	Hole Size — 7 7/8" <u>✓</u> Rubber Size — 6 3/4" <u>✓</u>
Bottom Packer Depth <u>4884'</u>	Wt. Pipe I.D. — 2.7 Ft. Run <u>None</u>
Total Depth <u>4965'</u>	Drill Collar — 2.25 Ft. Run <u>120</u>
Mud Wt. <u>9.3</u> lb/gal.	Viscosity <u>SS</u> Filtrate <u>7.2 cc.</u>
Tool Open @ <u>4:09 P.M.</u>	Initial Blow <u>Strong blow. G.T.S. in 4 mins.</u>
(see gas volume report)	
Final Blow <u>Strong blow. (see gas volume report)</u>	

Recovery — Total Feet <u>330</u>	Feet of Gas in Pipe <u>Approx 4545'</u>	Flush Tool? <u>No</u>
Rec. <u>155</u> Feet Of <u>G.C.W.M.</u>	<u>10% gas</u> %oil <u>17</u> %water <u>73</u> %mud	
Rec. <u>175</u> Feet Of <u>Crusty Mud.</u>	<u>20% gas</u> %oil <u></u> %water <u>80</u> %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>127</u> °F Gravity <u>N.A.</u> °API @ <u></u>	°F Corrected Gravity <u>N.A.</u> °API	
RW <u>3.27</u> @ <u>51</u> °F	Chlorides <u>4000</u> ppm Recovery Chlorides <u>3,500</u> ppm System	
(A) Initial Hydrostatic Mud <u>2371</u> PSI	AK1 Recorder No. <u>13788</u> Range <u>4650</u>	
(B) First Initial Flow Pressure <u>137</u> PSI	@ (depth) <u>4962'</u> w/Clock No. <u>22665</u>	
(C) First Final Flow Pressure <u>202</u> PSI	AK1 Recorder No. <u>10248</u> Range <u>4400</u>	
(D) Initial Shut-In Pressure <u>559</u> PSI	@ (depth) <u>4889'</u> w/Clock No. <u>23858</u>	
(E) Second Initial Flow Pressure <u>328</u> PSI	AK1 Recorder No. <u></u> Range <u></u>	
(F) Second Final Flow Pressure <u>553</u> PSI	@ (depth) <u></u> w/Clock No. <u></u>	
(G) Final Shut-In Pressure <u>562</u> PSI	Initial Opening <u>45</u> Test <u>✓</u>	
(H) Final Hydrostatic Mud <u>2327</u> PSI	Initial Shut-In <u>60</u> Jars <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.

Final Flow <u>45</u>	Safety Joint <u>✓</u>
Final Shut-In <u>120</u>	Straddle <u></u>
	Circ. Sub <u></u>
	Sampler <u></u>
	Extra Packer <u></u>
	Other <u></u>
	TOTAL PRICE \$ <u>✓</u>

Approved By [Signature]

Our Representative [Signature]



GAS VOLUME REPORT

CROSS BAR PETL INC.

VOLUME REPORT
SCHMIDT # 1-35

WELL NAME AND NO.

3
DST NO.

INITIAL OPEN

Final Open

Remarks:

TRILOBITE TESTING, L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Drill-Stem Test Data

Well Name SCHMIDT #1-35 Test No. 4 Date 3/1/95
Company CROSSBAR PETROLEUM INC Zone MISSISSIPPI
Address 151 N. MAIN #630, WICHITA, KS 67202-1407 Elevation 2177
Co. Rep./Geo. THOMAS BLAIR Cont. MURFIN DRILLING #21 Est. Ft. of Pay _____
Location: Sec. 35 Twp. 29S Rge. 18W Co. KIOWA State KS

Interval Tested <u>4884-4970</u>	Drill Pipe Size <u>4.5" XH</u>
Anchor Length <u>86</u>	Wt. Pipe I.D. - 2.7 Ft. Run _____
Top Packer Depth <u>4879</u>	Drill Collar - 2.25 Ft. Run <u>120</u>
Bottom Packer Depth <u>4884</u>	Mud Wt. <u>9.2</u> lb/Gal.
Total Depth <u>4970</u>	Viscosity <u>59</u> Filtrate <u>9.2</u>

Tool Open @ 9:02AM Initial Blow STRONG BLOW. GAS TO SURFACE IN 4 MINUTES.
(SEE GAS VOLUME REPORT).
Final Blow STRONG BLOW (SEE GAS VOLUME REPORT).

Recovery - Total Feet 560 4315 FEET OF GAS IN PIPE Flush Tool? NO

Rec. <u>62</u>	Feet of <u>GASSY MUD. 15% GAS; 85% MUD.</u>
Rec. <u>123</u>	Feet of <u>SLIGHTLY OIL CUT GASSY MUD. 20% GAS; 4% OIL; 76% MUD.</u>
Rec. <u>185</u>	Feet of <u>OIL&WTR CUT GASSY MUD. 15%GAS; 15%OIL; 15%WTR; 55%MUD.</u>
Rec. <u>190</u>	Feet of <u>OIL&WTR CUT GASSY MUD. 10%GAS; 17%OIL; 13%WTR; 60%MUD.</u>
Rec. _____	Feet of _____

BHT 127 °F Gravity _____ °API @ _____ °F Corrected Gravity _____ °API
RW 3.11 @ 52 °F Chlorides 8600 ppm Recovery Chlorides 8000 ppm System

(A) Initial Hydrostatic Mud 2413.30 PSI AK1 Recorder No. 13788 Range 4650

(B) First Initial Flow Pressure 156.50 PSI @ (depth) 4967 w / Clock No. 27665

(C) First Final Flow Pressure 292.80 PSI AK1 Recorder No. 10248 Range 4400

(D) Initial Shut-in Pressure 576.70 PSI @ (depth) 4962 w / Clock No. 23858

(E) Second Initial Flow Pressure 236.50 PSI AK1 Recorder No. _____ Range _____

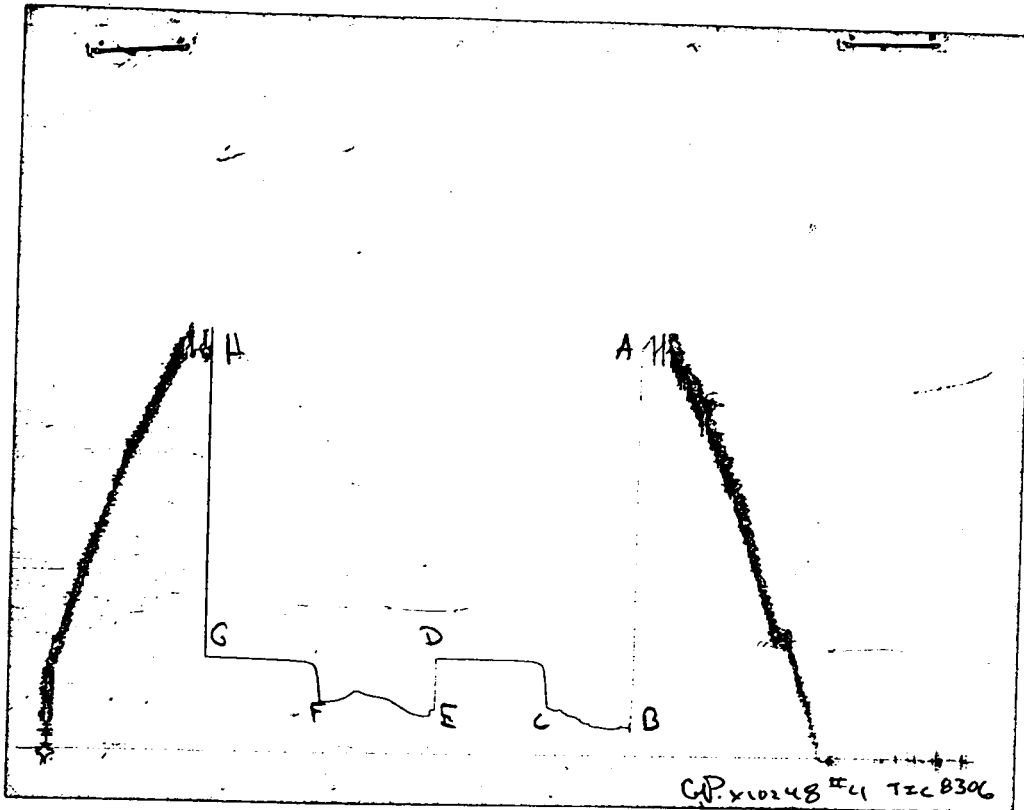
(F) Second Final Flow Pressure 318.70 PSI @ (depth) _____ w / Clock No. _____

(G) Final Shut-in Pressure 564.40 PSI Initial Opening 45 Final Flow 60

(H) Final Hydrostatic Mud 2324.40 PSI Initial Shut-in 60 Final Shut-in 60

Our Representative GARY PEVOTEAUX

CHART PAGE



This is an actual photograph of an AK1 recorder chart

	FIELD READING	OFFICE READING
(A) INITIAL HYDROSTATIC MUD	2404	2413.30
(B) FIRST INITIAL FLOW PRESSURE	132	156.50
(C) FIRST FINAL FLOW PRESSURE	281	292.80
(D) INITIAL CLOSED-IN PRESSURE	557	576.70
(E) SECOND INITIAL FLOW PRESSURE	227	236.50
(F) SECOND FINAL FLOW PRESSURE	306	318.70
(G) FINAL CLOSED-IN PRESSURE	548	564.40
(H) FINAL HYDROSTATIC MUD	2316	2324.40

GAS VOLUME REPORT

CROSSBAR PETROLEUM INC

SCHMIDT #1-35

DST # 4

<u>MIN</u>	<u>INS. WATER</u> <u>PSIG</u>	<u>ORIFICE</u>	<u>MCF/D</u>
4		2	GTS
10	8	0.75	227
20	8	0.75	236
30	4	0.75	156
40	4	0.75	156

<u>MIN</u>	<u>INS. WATER</u> <u>PSIG</u>	<u>ORIFICE</u>	<u>MCF/D</u>
10	4	0.75	156
20	8.5	0.5	105
30	11	0.5	121
40	72	0.5	450
50	46	0.5	315
60	30	0.5	231

Remarks:

TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Test Ticket

No 8306

Well Name & No.	Schmidt #1-35		Test No.	4	Date	3-1-95
Company	CROSS BAR PETL. INC.		Zone Tested	MISS.		
Address	151W. MAW SUITE 630 / WICHITA KS. 67202-1407		Elevation	2177 K.B.		
Co. Rep./Geo.	THOMAS BLAZER	Cont.	MURFIN DRUG. #21	Est. Ft. of Pay		
Location: Sec.	35	Twp.	29 S	Rge.	18 W	Co. KANAWA state KS
No. of Copies	7	Distribution Sheet	Yes	No	Turnkey	Yes No Evaluation

Interval Tested	4884 - 4970'	Drill Pipe Size	4 1/2" X.H.
Anchor Length	86'	Top Choke — 1"	✓ Bottom Choke — 3/4" ✓
Top Packer Depth	4879'	Hole Size — 7 7/8"	✓ Rubber Size — 6 3/4" ✓
Bottom Packer Depth	4884'	Wt. Pipe I.D. — 2.7 Ft. Run	None
Total Depth	4970'	Drill Collar — 2.25 Ft. Run	120'
Mud Wt.	9.2 +	Viscosity	59
	lb/gal.	Filtrate	9.2 cc.
Tool Open @	9:02 AM.	Initial Blow	Strong below G.T.S. in 4 mins.
			(see gas volume report)
Final Blow	Strong below (see gas volume report)		

Recovery — Total Feet	560	Feet of Gas in Pipe	Approx 4315'	Flush Tool?	No
Rec.	62 Feet Of	Crassy Mud.	15% gas	%oil	%water 85 %mud
Rec.	123 Feet Of	S.O.C.G.M.	20% gas	4 %oil	%water 76 %mud
Rec.	185 Feet Of	O.E.W.C.G.M.	15% gas	15 %oil	15 %water 55 %mud
Rec.	190 Feet Of	O.E.W.C.G.M.	20% gas	17 %oil	13 %water 60 %mud
Rec.	Feet Of		%gas	%oil	%water %mud

BHT	122	°F Gravity	N.A.	°API @	2	°F Corrected Gravity	N.A.	°API
RW	3.11	@	52	°F Chlorides	8,600	ppm Recovery	Chlorides	8,000
(A) Initial Hydrostatic Mud	2404	PSI	AK1 Recorder No.	13788	Range	4650		
(B) First Initial Flow Pressure	132	PSI	@ (depth)	4962'	w/Clock No.	27665		
(C) First Final Flow Pressure	281	PSI	AK1 Recorder No.	10248	Range	4400		
(D) Initial Shut-In Pressure	557	PSI	@ (depth)	4962'	w/Clock No.	23888		
(E) Second Initial Flow Pressure	227	PSI	AK1 Recorder No.		Range			
(F) Second Final Flow Pressure	306	PSI	@ (depth)		w/Clock No.			
(G) Final Shut-In Pressure	548	PSI	Initial Opening	45	Test	✓	600	
(H) Final Hydrostatic Mud	2316	PSI	Initial Shut-In	60	Jars	✓	200	

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Final Flow	60	Safety Joint	✓	50
Final Shut-In	60	Straddle		

Approved By _____

Our Representative Craig Montague

Printcraft Printers • Hays, KS

Extra Packer _____

Other _____

TOTAL PRICE \$ 850.00



GAS VOLUME REPORT

4
DST NO.

Remarks: