

TRILOBITE

P.O. Box 362

MARK TORR

BOX 158

WOODSTON KANSAS 67675

913-425-6763

Drill-Stem Test Data

Well Name GMT-BECKMAN #E-1 Test No. 1 Date 11/11/93
Company N-B COMPANY FOR MARK TORR Zone LANSING "E"
Address PO BOX 506 RUSSELL KS 67665-0506 Elevation 2953
Co. Rep./Geo. MARK TORR Cont. EMPHASIS RIG #7 Est. Ft. of Pay _____
Location: Sec. 14 Twp. 10S Rge. 31W Co. THOMAS State KS

Interval Tested 4079-4100
Anchor Length 21
Top Packer Depth 4074
Bottom Packer Depth 4079
Total Depth 4100

Drill Pipe Size 4.5" XH
Wt. Pipe I.D. - 2.7 Ft. Run _____
Drill Collar - 2.25 Ft. Run 30
Mud Wt. 9 lb/Gal.
Viscosity 47 Filtrate 7.2

Tool Open @ 4:30 AM Initial Blow WEAK TO FAIR BLOW -1 TO 7.5"

Final Blow WEAK TO FAIR BLOW - 1 TO 8.5"

Recovery - Total Feet 190 Flush Tool? NO

Rec. 190 Feet of SLIGHTLY OIL CUT MUDDY WATER-1% OIL/ 89% WTR/ 10% MUD
Rec. _____ Feet of _____
Rec. _____ Feet of _____
Rec. _____ Feet of _____
Rec. _____ Feet of _____

BHT 111 °F Gravity _____ °API @ _____ °F Corrected Gravity _____ °API
RW 0.23 @ 67 °F Chlorides 49000 ppm Recovery Chlorides 1000 ppm System

(A) Initial Hydrostatic Mud 1844.3 PSI AK1 Recorder No. 13278 Range 4400

(B) First Initial Flow Pressure 26.5 PSI @ (depth) 4097 w / Clock No. 22993

(C) First Final Flow Pressure 37.6 PSI AK1 Recorder No. 10248 Range 4400

(D) Initial Shut-in Pressure 1244.3 PSI @ (depth) 4092 w / Clock No. 30410

(E) Second Initial Flow Pressure 44.3 PSI AK1 Recorder No. _____ Range _____

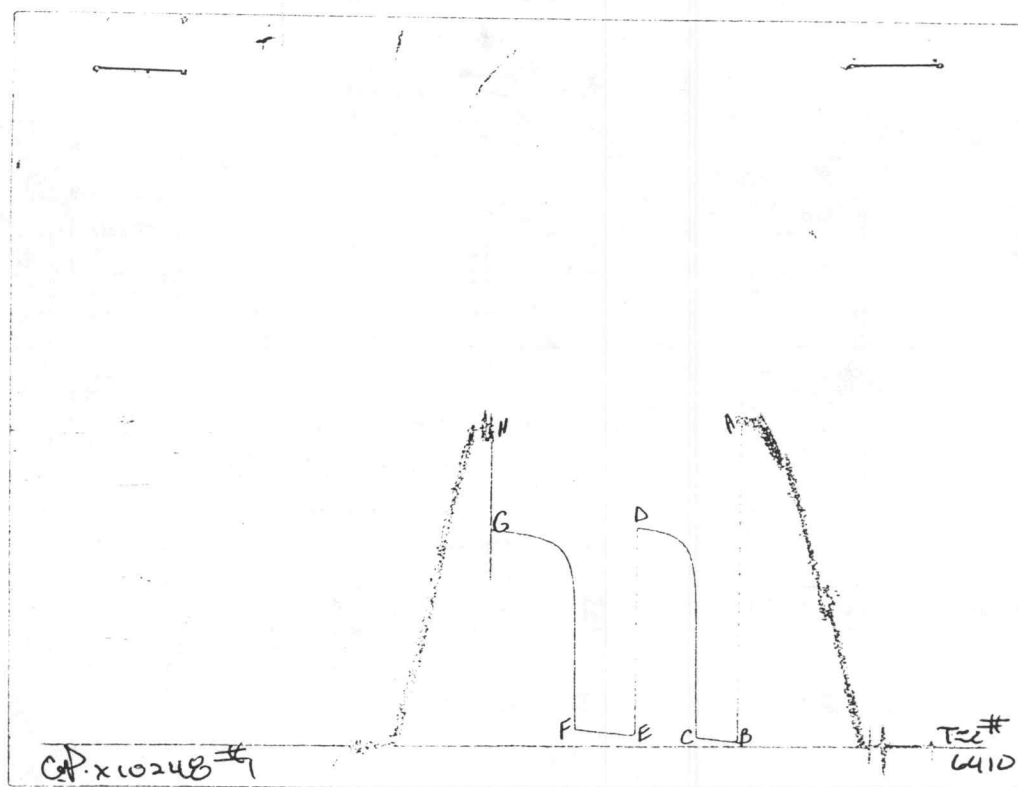
(F) Second Final Flow Pressure 85.4 PSI @ (depth) _____ w / Clock No. _____

(G) Final Shut-in Pressure 1239.8 PSI Initial Opening 30 Final Flow 45

(H) Final Hydrostatic Mud 1804.3 PSI Initial Shut-in 45 Final Shut-in 60

Our Representative GARY PEVOTEAUX

CHART PAGE



This is an actual photograph of recorder chart

	FIELD READING	OFFICE READING
(A) INITIAL HYDROSTATIC MUD	1848	1844.3
(B) FIRST INITIAL FLOW PRESSURE	25	26.5
(C) FIRST FINAL FLOW PRESSURE	37	37.6
(D) INITIAL CLOSED-IN PRESSURE	1248	1244.3
(E) SECOND INITIAL FLOW PRESSURE	46	44.3
(F) SECOND FINAL FLOW PRESSURE	85	85.4
(G) FINAL CLOSED-IN PRESSURE	1240	1239.8
(H) FINAL HYDROSTATIC MUD	1799	1804.3

TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Test Ticket

No 6410

Well Name & No.	GMT-BECKMAN # E-1		Test No.	1	Date	11-11-93
Company	N-B COMPANY INC. FOR MARK TORR		Zone Tested	LANS. "E"		
Address	P.O. Box 506 Russell KS. 67665		Elevation	2953 K.B.		
Co. Rep./Geo.	MARK TORR	Cont.	EMPHASIS OIL OPER. #7	Est. Ft. of Pay		
Location: Sec.	14	Twp.	10S	Rge.	31W	Co. THOMAS State KS
No. of Copies	5	Distribution Sheet	Yes	No	Turnkey	Yes No Evaluation

Interval Tested	4079 - 4100'	Drill Pipe Size	4 1/2" x 4-
Anchor Length	21'	Top Choke — 1"	✓ Bottom Choke — 3/4" ✓
Top Packer Depth	4074'	Hole Size — 7 7/8"	✓ Rubber Size — 6 3/4" ✓
Bottom Packer Depth	4079'	Wt. Pipe I.D. — 2.7 Ft. Run	NONE
Total Depth	4100'	Drill Collar — 2.25 Ft. Run	30'
Mud Wt.	9.0	Viscosity	47
	lb/gal.	Filtrate	7.2 cc.
Tool Open @	4:30 A.M.	Initial Blow	Weak to fair blow. (1-7 1/2")

Final Blow Weak to fair blow. (1-8 1/2")

Recovery — Total Feet	190'	Feet of Gas in Pipe		Flush Tool?	No
Rec.	190	Feet Of	S.O.C.M.W.	%gas	1
				%oil	89
				%water	10
				%mud	

BHT	111°	°F Gravity	N.A.	°API @		°F Corrected Gravity	N.A.	°API
RW	0.23	@	67	°F Chlorides	49,000	ppm Recovery	Chlorides	1,000
								ppm System

(A) Initial Hydrostatic Mud	1848	PSI	AK1 Recorder No.	13278	Range	4400
(B) First Initial Flow Pressure	25	PSI	@ (depth)	4097'	w/Clock No.	22993
(C) First Final Flow Pressure	37	PSI	AK1 Recorder No.	10248	Range	4400
(D) Initial Shut-In Pressure	1248	PSI	@ (depth)	4092'	w/Clock No.	30410
(E) Second Initial Flow Pressure	46	PSI	AK1 Recorder No.		Range	
(F) Second Final Flow Pressure	85	PSI	@ (depth)		w/Clock No.	
(G) Final Shut-In Pressure	1240	PSI	Initial Opening	30	Test	✓
(H) Final Hydrostatic Mud	1799	PSI	Initial Shut-In	45	Jars	

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	45	Safety Joint	
Final Shut-In	60	Straddle	

Approved By Mark Torr

Our Representative Cary Wooten

Printcraft Printers - Hays, KS

Circ. Sub	
Sampler	
Extra Packer	
Other	
TOTAL PRICE \$	✓ 600.00

TRILOBITE TESTING, L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Drill-Stem Test Data

Well Name GMT-BECKMAN #E-1 Test No. 2 Date 11/11/93
Company N-B COMPANY FOR MARK TORR Zone LANSING "I"
Address PO BOX 506 RUSSELL KS 67665-0506 Elevation 2953
Co. Rep./Geo. MARK TORR Cont. EMPHASIS RIG #7 Est. Ft. of Pay _____
Location: Sec. 14 Twp. 10S Rge. 31W Co. THOMAS State KS

Interval Tested 4172-4204
Anchor Length 32
Top Packer Depth 4167
Bottom Packer Depth 4172
Total Depth 4204

Drill Pipe Size 4.5" XH
Wt. Pipe I.D. - 2.7 Ft. Run _____
Drill Collar - 2.25 Ft. Run 30
Mud Wt. 8.6 lb/Gal.
Viscosity 49 Filtrate 4

Tool Open @ 10:50 PM Initial Blow WEAK BLOW - 1/4"

Final Blow VERY WEAK BLOW - DEAD IN 19 MINUTES

Recovery - Total Feet 3 Flush Tool? NO

Rec. 3 Feet of SLIGHTLY OIL CUT MUD- 5% OIL/ 95% MUD
Rec. _____ Feet of _____
Rec. _____ Feet of _____
Rec. _____ Feet of _____
Rec. _____ Feet of _____

BHT 112 °F Gravity _____ °API @ _____ °F Corrected Gravity _____ °API
RW _____ @ _____ °F Chlorides 1500 ppm Recovery Chlorides 1500 ppm System

(A) Initial Hydrostatic Mud 1943.2 PSI AK1 Recorder No. 13278 Range 4400

(B) First Initial Flow Pressure 26.5 PSI @ (depth) 4201 w / Clock No. 22993

(C) First Final Flow Pressure 26.5 PSI AK1 Recorder No. 10248 Range 4400

(D) Initial Shut-in Pressure 32.1 PSI @ (depth) 4196 w / Clock No. 30410

(E) Second Initial Flow Pressure 28.7 PSI AK1 Recorder No. _____ Range _____

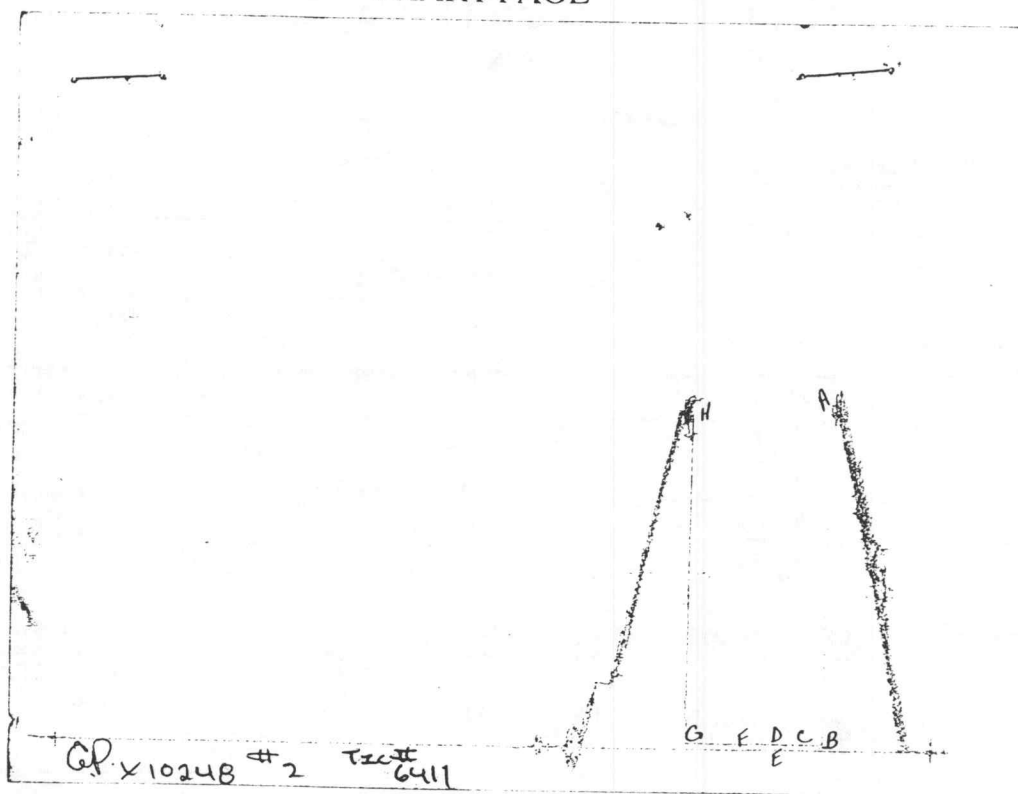
(F) Second Final Flow Pressure 28.7 PSI @ (depth) _____ w / Clock No. _____

(G) Final Shut-in Pressure 31.0 PSI Initial Opening 20 Final Flow 20

(H) Final Hydrostatic Mud 1933.2 PSI Initial Shut-in 30 Final Shut-in 30

Our Representative GARY PEVOTEAUX

CHART PAGE



This is an actual photograph of recorder chart

	FIELD READING	OFFICE READING
(A) INITIAL HYDROSTATIC MUD	1940	1943.2
(B) FIRST INITIAL FLOW PRESSURE	25	26.5
(C) FIRST FINAL FLOW PRESSURE	25	26.5
(D) INITIAL CLOSED-IN PRESSURE	29	32.1
(E) SECOND INITIAL FLOW PRESSURE	27	28.7
(F) SECOND FINAL FLOW PRESSURE	27	28.7
(G) FINAL CLOSED-IN PRESSURE	29	31
(H) FINAL HYDROSTATIC MUD	1929	1933.2

TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Test Ticket

No 6411

Well Name & No.	GMT-BECKMAN #E-1		Test No.	2	Date	11-11-93
Company	N-B COMPANY INC. FOR MARK TORR		Zone Tested	LANS. "I"		
Address	P.O. Box 504 Russell Ks. 67665		Elevation	2953 K.B		
Co. Rep./Geo.	MARK TORR	Cont.	EMPHASIS OIL OPER #7	Est. Ft. of Pay		
Location: Sec.	14	Twp.	10 S	Rge.	31 W	Co. THOMAS State KS
No. of Copies	5	Distribution Sheet	Yes	No	Turnkey	? Yes No Evaluation

Interval Tested	4172 - 4204'	Drill Pipe Size	4 1/2" x 4"
Anchor Length	32'	Top Choke — 1"	✓ Bottom Choke — 3/4" ✓
Top Packer Depth	4167'	Hole Size — 7 7/8"	✓ Rubber Size — 6 3/4" ✓
Bottom Packer Depth	4172'	Wt. Pipe I.D. — 2.7 Ft. Run	NONE
Total Depth	4204'	Drill Collar — 2.25 Ft. Run	30'
Mud Wt.	8.6 lb/gal.	Viscosity	49 Filtrate 4.0 cc.
Tool Open @	10:50 P.M.	Initial Blow	Weak blow. (1/4")

Final Blow Very Weak Blow. (dead in 19 mins.)

Recovery — Total Feet	3	Feet of Gas in Pipe	~	Flush Tool?	No
Rec.	3	Feet Of	S.O.C.M.	%gas	5 %oil %water 95 %mud
Rec.		Feet Of		%gas %oil %water %mud	
Rec.		Feet Of		%gas %oil %water %mud	
Rec.		Feet Of		%gas %oil %water %mud	
Rec.		Feet Of		%gas %oil %water %mud	

BHT	112	°F Gravity	N.A.	°API @	~	°F Corrected Gravity	N.A	°API
RW	N.A.	@	~	°F Chlorides	1,500	ppm Recovery	Chlorides 1,500	ppm System
(A) Initial Hydrostatic Mud	1940	PSI	AK1 Recorder No.	13278	Range	4400		
(B) First Initial Flow Pressure	25	PSI	@ (depth)	4201'	w/Clock No.	22993		
(C) First Final Flow Pressure	25	PSI	AK1 Recorder No.	10248	Range	4400		
(D) Initial Shut-In Pressure	29	PSI	@ (depth)	4196'	w/Clock No.	30410		
(E) Second Initial Flow Pressure	27	PSI	AK1 Recorder No.	~	Range	~		
(F) Second Final Flow Pressure	27	PSI	@ (depth)	~	w/Clock No.	~		
(G) Final Shut-In Pressure	29	PSI	Initial Opening	20	Test	✓		
(H) Final Hydrostatic Mud	1929	PSI	Initial Shut-In	30	Jars			

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	20	Safety Joint	
Final Shut-In	30	Straddle	
		Circ. Sub	
		Sampler	
		Extra Packer	
		Other	

Approved By _____

Our Representative Craig Pivotsky

Printcraft Printers - Hays, KS

TOTAL PRICE \$ ✓ 600.00

TRILOBITE TESTING, L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Drill-Stem Test Data

Well Name GMT-BECKMAN #E-1 Test No. 3 Date 11/12/93
Company N-B COMPANY FOR MARK TORR Zone LANS "J-K-L"
Address PO BOX 506 RUSSELL KS 67665-0506 Elevation 2953
Co. Rep./Geo. MARK TORR Cont. EMPHASIS RIG #7 Est. Ft. of Pay _____
Location: Sec. 14 Twp. 10S Rge. 31W Co. THOMAS State KS

Interval Tested 4226-4293 Drill Pipe Size 4.5" XH
Anchor Length 67 Wt. Pipe I.D. - 2.7 Ft. Run _____
Top Packer Depth 4221 Drill Collar - 2.25 Ft. Run 30
Bottom Packer Depth 4226 Mud Wt. 8.9 lb/Gal.
Total Depth 4293 Viscosity 46 Filtrate 6.4

Tool Open @ 5:11 PM Initial Blow WEAK BLOW - 1/2"

Final Blow VERY WEAK BLOW - 1/4" OR LESS

Recovery - Total Feet 10 Flush Tool? NO

Rec. 10 Feet of SLIGHTLY OIL CUT MUD- 6% OIL/ 94% MUD
Rec. _____ Feet of _____
Rec. _____ Feet of _____
Rec. _____ Feet of _____
Rec. _____ Feet of _____

BHT 114 °F Gravity _____ °API @ _____ °F Corrected Gravity _____ °API
RW _____ @ _____ °F Chlorides 2000 ppm Recovery Chlorides 2000 ppm System

(A) Initial Hydrostatic Mud 1996.5 PSI AK1 Recorder No. 13278 Range 4400

(B) First Initial Flow Pressure 36.5 PSI @ (depth) 4290 w / Clock No. 22993

(C) First Final Flow Pressure 38.7 PSI AK1 Recorder No. 10248 Range 4400

(D) Initial Shut-in Pressure 785.4 PSI @ (depth) 4285 w / Clock No. 30410

(E) Second Initial Flow Pressure 42.1 PSI AK1 Recorder No. _____ Range _____

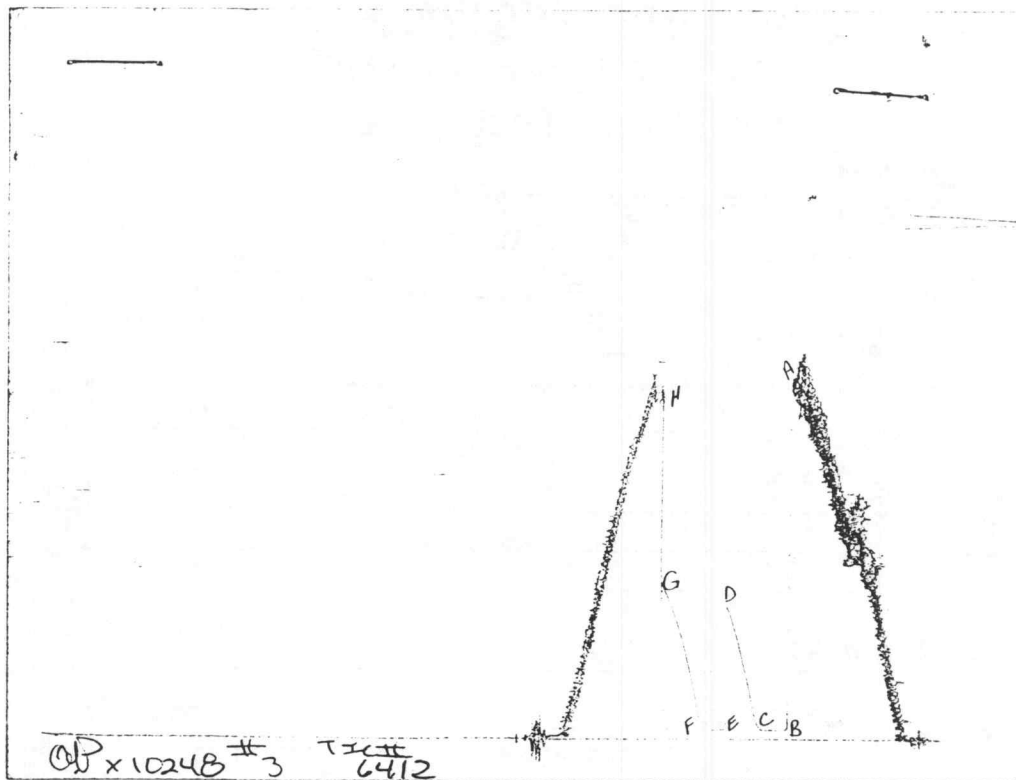
(F) Second Final Flow Pressure 44.3 PSI @ (depth) _____ w / Clock No. _____

(G) Final Shut-in Pressure 895.4 PSI Initial Opening 15 Final Flow 15

(H) Final Hydrostatic Mud 1974.3 PSI Initial Shut-in 30 Final Shut-in 30

Our Representative GARY PEVOTEAUX

CHART PAGE



This is an actual photograph of recorder chart

	FIELD READING	OFFICE READING
(A) INITIAL HYDROSTATIC MUD	1997	1996.5
(B) FIRST INITIAL FLOW PRESSURE	34	36.5
(C) FIRST FINAL FLOW PRESSURE	34	38.7
(D) INITIAL CLOSED-IN PRESSURE	782	785.4
(E) SECOND INITIAL FLOW PRESSURE	36	42.1
(F) SECOND FINAL FLOW PRESSURE	36	44.3
(G) FINAL CLOSED-IN PRESSURE	889	895.4
(H) FINAL HYDROSTATIC MUD	1970	1974.3

TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Test Ticket

No 6412

Well Name & No.	GMT BECKMAN # E-1		Test No.	3	Date	11-12-93
Company	N-B COMPANY FOR MARK TORR		Zone Tested	LANS "J-K-L"		
Address	P.O. Box 506 Russell Ks. 67665		Elevation	2953 K.B.		
Co. Rep./Geo.	MARK TORR	Cont.	EMPHASIS OIL OPER. #7	Est. Ft. of Pay		
Location: Sec.	14	Twp.	10 ^S	Rge.	31 ^W	Co. THOMAS State KS.
No. of Copies		Distribution Sheet	Yes	No	Turnkey	? Yes No Evaluation

Interval Tested 4226 - 4293' Drill Pipe Size 4 1/2" K.H.
 Anchor Length 67' Top Choke — 1" ☒ Bottom Choke — 3/4" ☒
 Top Packer Depth 4221' Hole Size — 7 7/8" ☒ Rubber Size — 6 3/4" ☒
 Bottom Packer Depth 4226' Wt. Pipe I.D. — 2.7 Ft. Run NONE
 Total Depth 4293' Drill Collar — 2.25 Ft. Run 30'
 Mud Wt. 8.9 lb/gal. Viscosity 46 Filtrate 6.4 cc.
 Tool Open @ 5:11 P.M. Initial Blow Weak blow (1/2")

Final Blow Very Weak Blow. (1/4" or less)

Recovery — Total Feet 10' Feet of Gas in Pipe _____ Flush Tool? No

Rec.	Feet Of	%gas	%oil	%water	%mud
<u>10</u>	<u>S.O.C.M.</u>	<u>6</u>		<u>94</u>	
Rec.	Feet Of	%gas	%oil	%water	%mud
Rec.	Feet Of	%gas	%oil	%water	%mud
Rec.	Feet Of	%gas	%oil	%water	%mud
Rec.	Feet Of	%gas	%oil	%water	%mud

BHT 114 °F Gravity N.A. °API @ _____ °F Corrected Gravity N.A. °API

RW N.A. @ _____ °F Chlorides 2,000 ppm Recovery Chlorides 2,000 ppm System

(A) Initial Hydrostatic Mud 1997 PSI AK1 Recorder No. 13278 Range 4400

(B) First Initial Flow Pressure 34 PSI @ (depth) 4296' w/Clock No. 22993

(C) First Final Flow Pressure 34 PSI AK1 Recorder No. 10248 Range 4400

(D) Initial Shut-In Pressure 782 PSI @ (depth) 4285' w/Clock No. 30410

(E) Second Initial Flow Pressure 36 PSI AK1 Recorder No. _____ Range _____

(F) Second Final Flow Pressure 36 PSI @ (depth) _____ w/Clock No. _____

(G) Final Shut-In Pressure 889 PSI Initial Opening 15 Test ☒

(H) Final Hydrostatic Mud 1970 PSI Initial Shut-In 30 Jars _____

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Final Flow 15 Safety Joint _____

Final Shut-In 30 Straddle _____

Circ. Sub _____

Sampler _____

Extra Packer _____

Other _____

Approved By Mark Torr

Our Representative Crissy Pustians

TRILOBITE TESTING, L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Drill-Stem Test Data

Well Name GMT-BECKMAN #E-1 Test No. 4 Date 11/13/93
Company N-B COMPANY FOR MARK TORR Zone PAWNEE
Address PO BOX 506 RUSSELL KS 67665-0506 Elevation 2953
Co. Rep./Geo. MARK TORR Cont. EMPHASIS RIG #7 Est. Ft. of Pay _____
Location: Sec. 14 Twp. 10S Rge. 31W Co. THOMAS State KS

Interval Tested	<u>4395-4430</u>	Drill Pipe Size	<u>4.5" XH</u>
Anchor Length	<u>35</u>	Wt. Pipe I.D. - 2.7 Ft. Run	_____
Top Packer Depth	<u>4390</u>	Drill Collar - 2.25 Ft. Run	<u>30</u>
Bottom Packer Depth	<u>4395</u>	Mud Wt.	<u>9.1</u> lb/Gal.
Total Depth	<u>4430</u>	Viscosity	<u>51</u>
		Filtrate	<u>6.4</u>

Tool Open @ 12:02 PM Initial Blow WEAK BLOW - 1/2" TO 1"

Final Blow VERY WEAK BLOW - SURFACE

Recovery - Total Feet 10 Flush Tool? NO

Rec. <u>10</u>	Feet of	<u>SLIGHTLY OIL CUT MUD- 7% OIL/ 93% MUD</u>
Rec. _____	Feet of	<u>SOME CLEAN OIL AT TOP OF TOOL</u>
Rec. _____	Feet of	_____
Rec. _____	Feet of	_____
Rec. _____	Feet of	_____

BHT 119 °F Gravity _____ °API @ _____ °F Corrected Gravity _____ °API
RW _____ @ _____ °F Chlorides 2000 ppm Recovery Chlorides 2000 ppm System

(A) Initial Hydrostatic Mud 2154.3 PSI AK1 Recorder No. 13278 Range 4400

(B) First Initial Flow Pressure 27.6 PSI @ (depth) 4427 w / Clock No. 22993

(C) First Final Flow Pressure 29.8 PSI AK1 Recorder No. 10248 Range 4400

(D) Initial Shut-in Pressure 965.4 PSI @ (depth) 4422 w / Clock No. 30410

(E) Second Initial Flow Pressure 33.2 PSI AK1 Recorder No. _____ Range _____

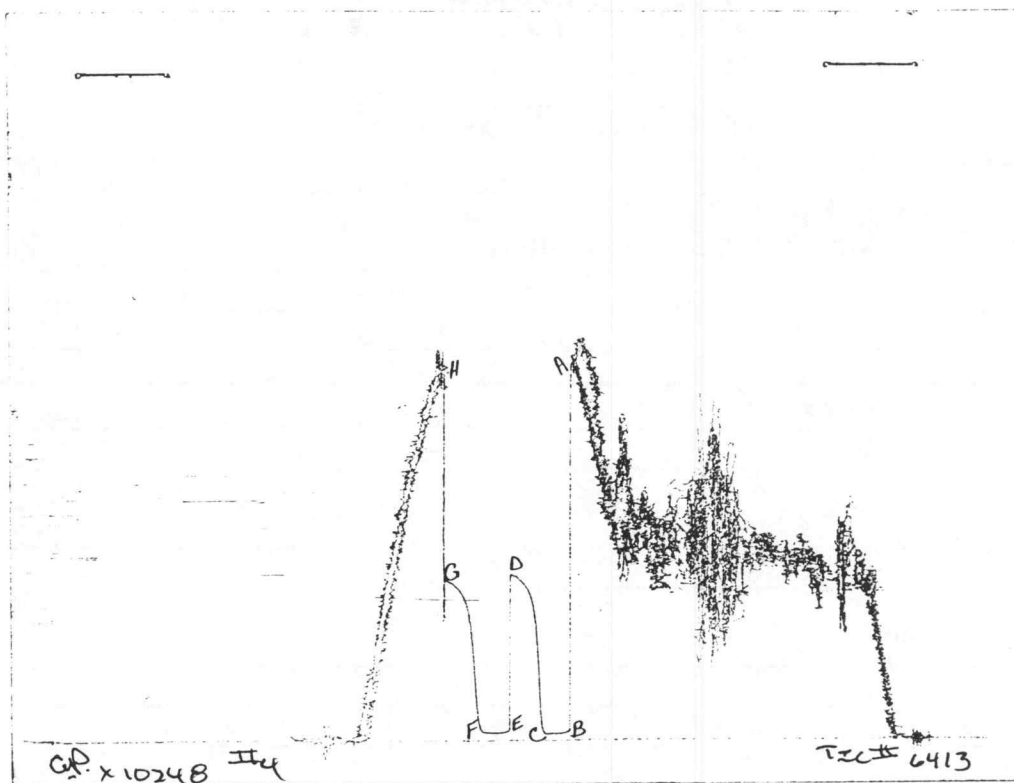
(F) Second Final Flow Pressure 33.2 PSI @ (depth) _____ w / Clock No. _____

(G) Final Shut-in Pressure 942.1 PSI Initial Opening 15 Final Flow 15

(H) Final Hydrostatic Mud 2094.3 PSI Initial Shut-in 30 Final Shut-in 30

Our Representative GARY PEVOTEAUX

CHART PAGE



This is an actual photograph of recorder chart

	FIELD READING	OFFICE READING
(A) INITIAL HYDROSTATIC MUD	2150	2154.3
(B) FIRST INITIAL FLOW PRESSURE	28	27.6
(C) FIRST FINAL FLOW PRESSURE	28	29.8
(D) INITIAL CLOSED-IN PRESSURE	966	965.4
(E) SECOND INITIAL FLOW PRESSURE	30	33.2
(F) SECOND FINAL FLOW PRESSURE	30	33.2
(G) FINAL CLOSED-IN PRESSURE	936	942.1
(H) FINAL HYDROSTATIC MUD	2096	2094.3

TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Test Ticket

No 6413

Well Name & No. <u>GMT BECKMAN # E-1</u>	Test No. <u>4</u>	Date <u>11-13-93</u>
Company <u>N-B COMPANY FOR MARK TORR</u>	Zone Tested <u>PAWNEE</u>	
Address <u>P.O. Box 506, Russell, KS. 67665</u>	Elevation <u>2953 K.B.</u>	
Co. Rep./Geo. <u>MARK TORR</u>	Cont. <u>EMPHASIS ON OPER.</u>	Est. Ft. of Pay _____
Location: Sec. <u>14</u> Twp. <u>10S</u> Rge. <u>31W</u>	Co. <u>THOMAS</u>	State <u>KS.</u>
No. of Copies <u>5</u>	Distribution Sheet _____	Yes _____ No _____ Turnkey <u>?</u> Yes _____ No _____ Evaluation _____

Interval Tested 4395 - 4430' Drill Pipe Size 4 1/2" X.H.
 Anchor Length 35' Top Choke — 1" ☒ Bottom Choke — 3/4" ☒
 Top Packer Depth 4390' Hole Size — 77/8" ☒ Rubber Size — 63/4" ☒
 Bottom Packer Depth 4395' Wt. Pipe I.D. — 2.7 Ft. Run None
 Total Depth 4430' Drill Collar — 2.25 Ft. Run 30'
 Mud Wt. 9.1 lb/gal. Viscosity 51 Filtrate 6.4 cc.
 Tool Open @ 12:02 P.M. Initial Blow Weak blow. (1 1/2 - 1")

Final Blow Very weak blow. (surface)

Recovery — Total Feet 10 Feet of Gas in Pipe _____ Flush Tool? No
 Rec. 10 Feet Of S.D.C.M. %gas 7 %oil _____ %water 93 %mud _____
 Rec. _____ Feet Of Some clean oil @ %gas _____ %oil _____ %water _____ %mud _____
 Rec. _____ Feet Of top of tool %gas _____ %oil _____ %water _____ %mud _____
 Rec. _____ Feet Of _____ %gas _____ %oil _____ %water _____ %mud _____
 Rec. _____ Feet Of _____ %gas _____ %oil _____ %water _____ %mud _____

BHT 119 °F Gravity N.A. °API @ _____ °F Corrected Gravity N.A. °API _____
 RW N.A. @ _____ °F Chlorides 2000 ppm Recovery Chlorides 2,000 ppm System _____
 (A) Initial Hydrostatic Mud 2150 PSI AK1 Recorder No. 13278 Range 4400
 (B) First Initial Flow Pressure 28 PSI @ (depth) 4427' w/Clock No. 22993
 (C) First Final Flow Pressure 28 PSI AK1 Recorder No. 10248 Range 4400
 (D) Initial Shut-In Pressure 966 PSI @ (depth) 4422' w/Clock No. 30410
 (E) Second Initial Flow Pressure 30 PSI AK1 Recorder No. ~ Range ~
 (F) Second Final Flow Pressure 30 PSI @ (depth) ~ w/Clock No. ~
 (G) Final Shut-In Pressure 936 PSI Initial Opening 15 Test ☒
 (H) Final Hydrostatic Mud 2096 PSI Initial Shut-In 30 Jars _____

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Final Flow 15 Safety Joint _____
 Final Shut-In 30 Straddle _____
 Circ. Sub _____
 Sampler _____

Approved By Mark Torr

Our Representative Cary P. [Signature]

Printcraft Printers - Hays, KS

Extra Packer _____

Other ✓ 600.00

TOTAL PRICE \$ 600.00