TRILOBITE TESTING COMPANY

P.O. Box 362 • Hays, Kansas 67601

Computer Inventoried Drill-Stem Test Data

Well Name FRISBIE #7 Test No. 1 Date 10/28/91
Company HALLWOOD PETROLEUM INC Zone Tested LKC-"J"
Address 4582 S ULSTER ST PRKSWY DENVER CO Elevation 1966 K.B.
Co. Rep./Geo. SCOTT ALBERG Cont. TRANS-PACIFIC #1 Est. Ft. of Pay
Location: Sec. 5 Twp. 26S Rge. 13W Co. PRATT State KS

Interval Tested 3940-3970 Drill Pipe Size 4.5 XH
Anchor Length 30 Wt. Pipe I.D. - 2.7 Ft. Run
Top Packer Depth 3935 Drill Collar — 2.25 Ft. Run
Bottom Packer Depth 3940
Total Depth 3970

Mud Wt. 9.1 lb / gal. Viscosity 49 Filtrate 8.8

Tool Open @ 9:50 AM Initial Blow 2" BLOW BUILDING TO BOTTOM OF BUCKET IN 2 MINUTES

Final Blow 5" BLOW TO BOTTOM OF BUCKET IN 5 MINUTES

Recovery — Total Feet 70 Flush Tool? NO

Rec. 1170 Feet of GAS IN PIPE

Rec. 70 Feet of SLTLY WATERY OIL CUT MUD-20%OIL/5%WTR/75%MUD

Rec. Feet of

Rec. Feet of

Rec. Feet of

BHT 116 °F Gravity °API @ °F Corrected Gravity °API

RW @ °F Chlorides ppm Recovery Chlorides ppm System

(A) Initial Hydrostatic Mud 2055.6 PSI Ak1 Recorder No. 13337 Range 3975

(B) First Initial Flow Pressure 35.6 PSI @ (depth) 3945 w/Clock No. 17639

(C) First Final Flow Pressure 35.6 PSI AK1 Recorder No. 24174 Range 3350

(D) Initial Shut-in Pressure 874.5 PSI @ (depth 3969 w/Clock No. 17640

(E) Second Initial Flow Pressure 44.9 PSI AK1 Recorder No. Range

(F) Second Final Flow Pressure 53.6 PSI @ (depth) w/Clock No.

(G) Final Shut-in Pressure 944.7 PSI Initial Opening 30 Final Flow 45

(H) Final Hydrostatic Mud 2020.4 PSI Initial Shut-in 45 Final Shut-in 120

Our Representativve PAUL SIMPSON TOTAL PRICE $ 600

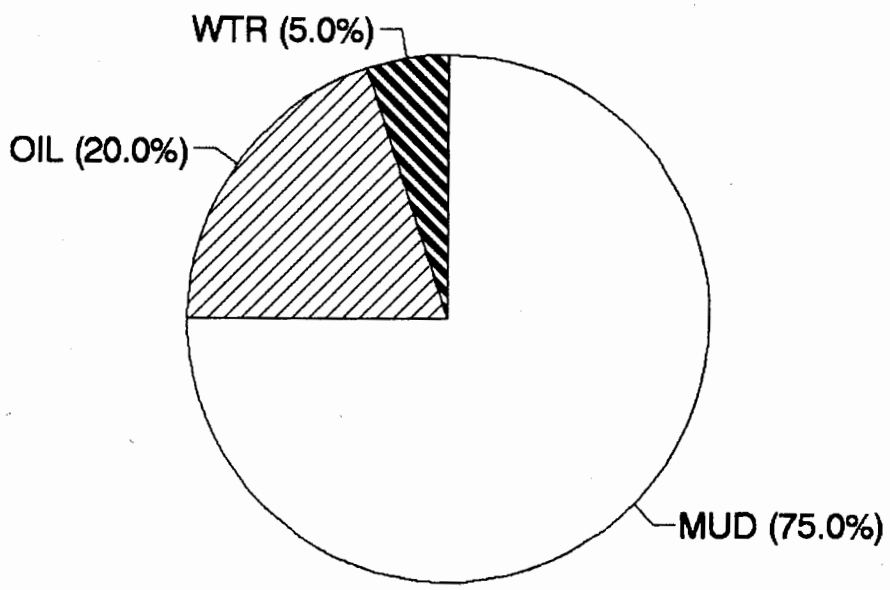
Printcraft Printers - Hays, KS

CALCULATED RECOVERY ANALYSIS DRILL PIPE

DST # 1 TICKET # 4656

SAMPLE #	TOTAL FEET	GAS %	GAS FEET	OIL %	OIL FEET	WATER %	WATER FEET	MUD %	MUD FEET
1	20	0	0	20	4	5	1	75	15
2			0		0		0		0
3			0		0		0		0
4			0		0		0		0
5			0		0		0		0
TOTAL	20	0	0	20	4	5	1	75	15

			HRS OPEN	BBL/DAY
BBL OIL=	0.05688	*	1.25	1.0921
BBL WATER	0.01422	*		0.27302
BBL MUD=	0.2133			
BBL GAS	0			



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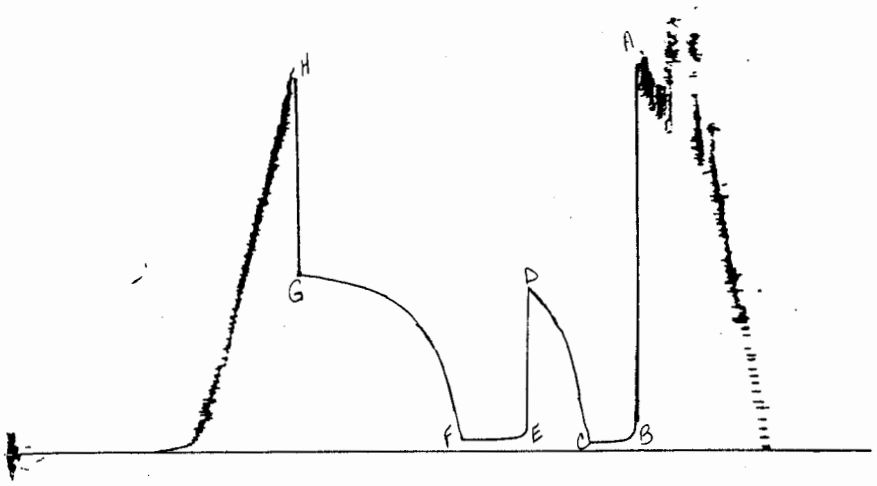
13337



This is an actual photograph of recorder chart

POINT	PRESSURE FIELD READING	PRESSURE OFFICE READING
(A) INITIAL HYDROSTATIC MUD	2049	2055.6
(B) FIRST INITIAL FLOW PRESSURE	33	35.6
(C) FIRST FINAL FLOW PRESSURE	33	35.6
(D) INITIAL CLOSED-IN PRESSURE	870	874.5
(E) SECOND INITIAL FLOW PRESSURE	41	44.9
(F) SECOND FINAL FLOW PRESSURE	49	53.6
(G) FINAL CLOSED-IN PRESSURE	937	944.7
(H) FINAL HYDROSTATIC MUD	2015	2020.4

TRILOBITE TESTING COMPANY

P.O. Box 362 • Hays, Kansas 67601

Test Ticket

№ 4656

Well Name & No. Frisbie #7 Test No. 1 Date 10-28-91

Company Hallwood Petroleum Inc Zone Tested Lkc J

Address _____ Elevation 1966 KB

Co. Rep./Geo. Scott Alley Cont. Trans-Pac #1 Est. Ft. of Pay _____

Location: Sec. 5 Twp. 26s Rge. 13w Co. Pratt State KS

No. of Copies 5 Distribution Sheet _____ Yes _____ No Turnkey _____ Yes _____ No _____ Evaluation

Interval Tested 3940-3970 Drill Pipe Size 4½ XH

Anchor Length 30 Top Choke — 1" _____ Bottom Choke — ¾" _____

Top Packer Depth 3935 Hole Size — 7⅞" _____ Rubber Size — 6¾" _____

Bottom Packer Depth 3940 Wt. Pipe I.D. — 2.7 Ft. Run _____

Total Depth 3970 Drill Collar — 2.25 Ft. Run _____

Mud Wt. _____ lb / gal. Viscosity _____ Filtrate _____

Tool Open @ 9:50 AM Initial Blow 2" blow building to bottom of bucket in 2 minutes

Final Blow 5" blow to bottom of bucket in 5 minutes

Recovery — Total Feet 70 Feet of Gas in Pipe 1170 Flush Tool? _____

Rec. 70	Feet Of SI watery OCM	%gas 20	%oil 5	%water 75	%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 116 °F Gravity _____ °API @ _____ °F Corrected Gravity _____ °API

RW _____ @ _____ °F Chlorides _____ ppm Recovery Chlorides _____ ppm System

(A) Initial Hydrostatic Mud	2049 PSI	AK1 Recorder No.	13337	Range	3975
(B) First Initial Flow Pressure	33 PSI	@ (depth)	3945	w/Clock No.	17639
(C) First Final Flow Pressure	33 PSI	AK1 Recorder No.	24174	Range	3350
(D) Initial Shut-In Pressure	870 PSI	@ (depth)	3969	w/Clock No.	17640
(E) Second Initial Flow Pressure	41 PSI	AK1 Recorder No.	_____	Range	_____
(F) Second Final Flow Pressure	419 PSI	@ (depth)	_____	w/Clock No.	_____
(G) Final Shut-In Pressure	937 PSI	Initial Opening	30	Test	X
(H) Final Hydrostatic Mud	2015 PSI	Initial Shut-In	45	Jars	_____
		Final Flow	45	Safety Joint	X
		Final Shut-In	120	Straddle	_____
				Circ. Sub	_____
				Sampler	_____
				Extra Packer	_____
				Other	_____
				TOTAL PRICE $	_____

Approved By Scott Alley

Our Representative Paul Simpson

Printcraft Printers - Hays, KS

TRILOBITE TESTING COMPANY

P.O. Box 362 • Hays, Kansas 67601

Drill-Stem Test Data

Well Name FRISBIE #7 Test No. 2 Date 10/29/91

Company HALLWOOD PETROLEUM INC Zone Tested LKC-

Address 4582 S ULSTER ST PRKSWY DENVER CO Elevation 1966 K.B.

Co. Rep./Geo. SCOTT ALBERG Cont. TRANS-PACIFIC #1 Est. Ft. of Pay

Location: Sec. 5 Twp. 26S Rge. 13W Co. PRATT State KS

Interval Tested 3976-4010 Drill Pipe Size 4.5 XH

Anchor Length 34 Wt. Pipe I.D. - 2.7 Ft. Run

Top Packer Depth 3971 Drill Collar — 2.25 Ft. Run

Bottom Packer Depth 3976

Total Depth 4010

Mud Wt. 9.1 lb / gal. Viscosity 49 Filtrate 8.8

Tool Open @ 1:15 AM Initial Blow 1" BLOW BUILDING TO FAIR 8" BLOW

Final Blow 2" BLOW BUILDING TO BOTTOM OF BUCKET IN 33 MINUTES

Recovery — Total Feet 80 Flush Tool? NO

Rec. 360 Feet of GAS IN PIPE

Rec. 80 Feet of OIL SPECKED MUD-3%OIL/97%MUD

Rec. Feet of

Rec. Feet of

Rec. Feet of

BHT 116 °F Gravity °API @ °F Corrected Gravity °API

RW @ °F Chlorides ppm Recovery Chlorides ppm System

(A) Initial Hydrostatic Mud 1980.5 PSI AK1 Recorder No. 13337 Range 3975

(B) First Initial Flow Pressure 43.9 PSI @ (depth) 3981 w/Clock No. 30401

(C) First Final Flow Pressure 43.9 PSI AK1 Recorder No. 24174 Range 3350

(D) Initial Shut-In Pressure 993.2 PSI @ (depth 4009 w/Clock No. 17639

(E) Second Initial Flow Pressure 55.7 PSI AK1 Recorder No. Range

(F) Second Final Flow Pressure 63.7 PSI @ (depth) w/Clock No.

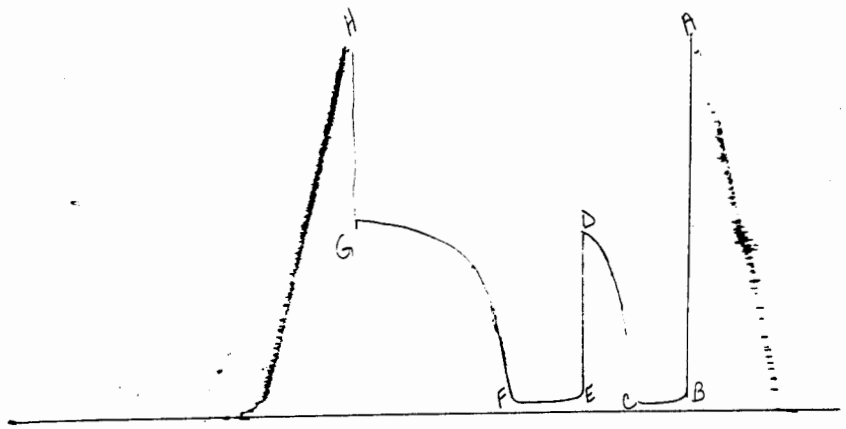
(G) Final Shut-In Pressure 1041.2 PSI Initial Opening 30 Final Flow 45

(H) Final Hydrostatic Mud 1889.3 PSI Initial Shut-In 45 Final Shut-In 120

Our Representativve PAUL SIMPSON TOTAL PRICE $ 600

Printcraft Printers - Havs, KS

#2
13337



This is an actual photograph of recorder chart

POINT	PRESSURE	FIELD READING	OFFICE READING
(A)	INITIAL HYDROSTATIC MUD	1973	1980.5
(B)	FIRST INITIAL FLOW PRESSURE	41	43.9
(C)	FIRST FINAL FLOW PRESSURE	41	43.9
(D)	INITIAL CLOSED-IN PRESSURE	987	993.2
(E)	SECOND INITIAL FLOW PRESSURE	49	55.7
(F)	SECOND FINAL FLOW PRESSURE	58	63.7
(G)	FINAL CLOSED-IN PRESSURE	1037	1041.2
(H)	FINAL HYDROSTATIC MUD	1890	1889.3

TRILOBITE TESTING COMPANY

P.O. Box 362 • Hays, Kansas 67601

Test Ticket

№ 4657

Well Name & No. Frisbie #7 Test No. 2 Date

Company Hallwood Petroleum Inc Zone Tested LKC

Address P.O. Box 378111 Denver CO 80237 Elevation 1966 KB

Co. Rep./Geo. Scott Alberg Cont. Texas Pac #1 Est. Ft. of Pay

Location: Sec. 5 Twp. 26s Rge. 13w Co. Pratt State Ks

No. of Copies 5 Distribution Sheet ____ Yes ____ No Turnkey ____ Yes ____ No ____ Evaluation

Interval Tested 3976-4010 Drill Pipe Size 4½ XH

Anchor Length 34 Top Choke — 1" ____ Bottom Choke — ¾" ____

Top Packer Depth 3971 Hole Size — 7⅞" ____ Rubber Size — 6¾" ____

Bottom Packer Depth 3976 Wt. Pipe I.D. — 2.7 Ft. Run ____

Total Depth 4010 Drill Collar — 2.25 Ft. Run ____

Mud Wt. 9.1 lb/gal. Viscosity 49 Filtrate 8.8

Tool Open @ 1:15 AM Initial Blow 1" blow building to fair 8" blow

Final Blow 2" blow building to bottom of bucket in 33 minutes

Recovery — Total Feet 80 Feet of Gas in Pipe 360 Flush Tool? ____

Rec.	Feet Of	%gas	%oil	%water	%mud
80	Oil specked mud	3			97

BHT 116 °F Gravity ____ °API @ ____ °F Corrected Gravity ____ °API

RW ____ @ ____ °F Chlorides ____ ppm Recovery Chlorides ____ ppm System

(A) Initial Hydrostatic Mud 1973 PSI AK1 Recorder No. 13337 Range 3975

(B) First Initial Flow Pressure 41 PSI @ (depth) 3981 w/Clock No. 30404

(C) First Final Flow Pressure 41 PSI AK1 Recorder No. 24174 Range 3350

(D) Initial Shut-In Pressure 987 PSI @ (depth) 4009 w/Clock No. 17634

(E) Second Initial Flow Pressure 49 PSI AK1 Recorder No. ____ Range ____

(F) Second Final Flow Pressure 58 PSI @ (depth) ____ w/Clock No. ____

(G) Final Shut-In Pressure 1037 PSI Initial Opening 30 Test ____

(H) Final Hydrostatic Mud 1890 PSI Initial Shut-In 45 Jars ____

Final Flow 45 Safety Joint ____

Final Shut-In 120 Straddle ____

Circ. Sub ____

Sampler ____

Extra Packer ____

Other ____

TOTAL PRICE $ ____

TRILOBITE TESTING COMPANY 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 [signature]

Our Representative ____

Printcraft Printers - Hays, KS

TRILOBITE TESTING COMPANY

P.O. Box 362 • Hays, Kansas 67601

Drill-Stem Test Data

Well Name FRISBIE #7 Test No. 3 Date 10/30/91
Company HALLWOOD PETROLEUM INC Zone Tested MISSISSIPPI
Address 4582 S ULSTER ST PRKSWY DENVER CO Elevation 1966 K.B.
Co. Rep./Geo. SCOTT ALBERG Cont. TRANS-PACIFIC #1 Est. Ft. of Pay
Location: Sec. 5 Twp. 26S Rge. 13W Co. PRATT State KS

Interval Tested 4144-4210 Drill Pipe Size 4.5 XH
Anchor Length 66 Wt. Pipe I.D. - 2.7 Ft. Run
Top Packer Depth 4139 Drill Collar — 2.25 Ft. Run
Bottom Packer Depth 4144
Total Depth 4210

Mud Wt. 9.1 lb / gal. Viscosity 57 Filtrate 11.2

Tool Open @ 1:18 AM Initial Blow OFF BOTTOM IN 30 SECONDS

Final Blow OFF BOTTOM IN 15 SECONDS-GAS TO SURFACE IN 12 MINUTES INTO SECONDS FLOW

Recovery — Total Feet 105 Flush Tool? NO

Rec. 4015 Feet of GAS IN PIPE

Rec. 105 Feet of MUD

Rec. Feet of

Rec. Feet of

Rec. Feet of

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

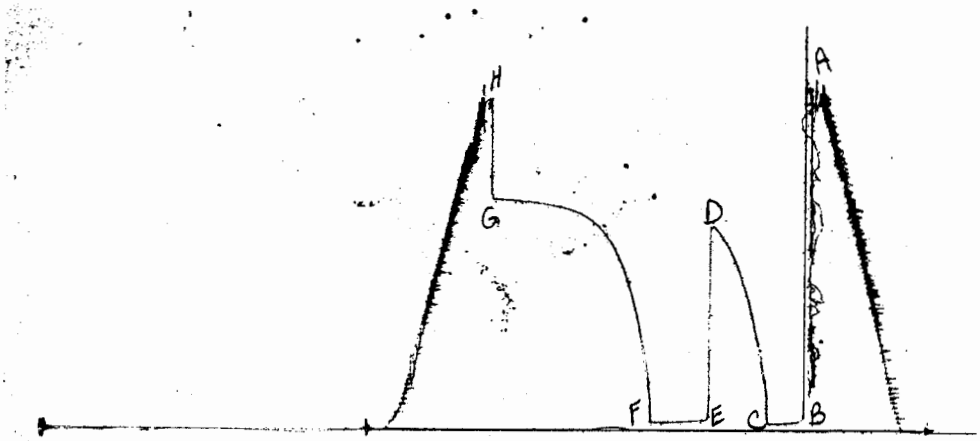
RW 0.69 @ 51 °F Chlorides 12000 ppm Recovery Chlorides 8000 ppm System

(A) Initial Hydrostatic Mud	2057.8 PSI	AK1 Recorder No.	13308	Range	4700
(B) First Initial Flow Pressure	59.4 PSI	@ (depth)	4149	w/Clock No.	27573
(C) First Final Flow Pressure	60.3 PSI	AK1 Recorder No.	2023	Range	4000
(D) Initial Shut-in Pressure	1264.8 PSI	@ (depth	4173	w/Clock No.	8376
(E) Second Initial Flow Pressure	65.4 PSI	AK1 Recorder No.		Range	
(F) Second Final Flow Pressure	67.6 PSI	@ (depth)		w/Clock No.	
(G) Final Shut-in Pressure	1415.6 PSI	Initial Opening	30	Final Flow	45
(H) Final Hydrostatic Mud	2010.3 PSI	Initial Shut-in	45	Final Shut-in	120

Our Representativve MARK HERSKOWITZ TOTAL PRICE $ 600

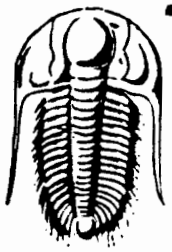
Printcraft Printers - Hays, KS

DST 3



This is an actual photograph of recorder chart

POINT	PRESSURE	
	FIELD READING	OFFICE READING
(A) INITIAL HYDROSTATIC MUD	2034	2057.8
(B) FIRST INITIAL FLOW PRESSURE	44	59.4
(C) FIRST FINAL FLOW PRESSURE	44	60.3
(D) INITIAL CLOSED-IN PRESSURE	1254	1264.8
(E) SECOND INITIAL FLOW PRESSURE	55	65.4
(F) SECOND FINAL FLOW PRESSURE	55	67.6
(G) FINAL CLOSED-IN PRESSURE	1411	1415.6
(H) FINAL HYDROSTATIC MUD	2008	2010.3



TRILOBITE TESTING.

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

GAS VOLUME REPORT

HALLWOOD PETROLEUM INC (OPERATOR) | FRISBIE #7 (WELL NAME AND NO.) | 3 (DST NO.)

Min.	Ins. of Water PSIG	Orifice Size	MCF/D	Min.	Ins. of Water PSIG	Orifice Size	MCF/D
5		0.25		5	22	0.25	7.88
10		0.25		10	72	0.25	14.3
20		0.25		15	41	0.25	7.88
25		0.25		20	18	0.25	7.12
30		0.25		25	8	0.25	4.76
				30	6	0.25	4.12
				35	6	0.25	4.12
				40	6	0.25	4.12
				45	6	0.25	4.12

Remarks:

GAS TO SURFACE 12 MINUTES INTO SECOND FLOW

TRILOBITE TESTING COMPANY

P.O. Box 362 • Hays, Kansas 67601

Test Ticket

No. 3998

Well Name & No. FRISBIE 7 Test No. 3 Date 10-30-91

Company HALLWOOD PET INC Zone Tested MISS

Address 1515 STREET PARKWAY #1700 DENVER Elevation

Co. Rep./Geo. SCOTT ALBERG Cont. TRANS PAC Rig 6 Est. Ft. of Pay

Location: Sec. 5 Twp. 26 Rge. 13W Co. PRATT State KS

No. of Copies Distribution Sheet Yes No Turnkey Yes No Evaluation

Interval Tested 4144 - 4210 Drill Pipe Size 4½ XH

Anchor Length 66 Top Choke — 1" Bottom Choke — ¾"

Top Packer Depth 4139 Hole Size — 7⅞" Rubber Size — 6¾"

Bottom Packer Depth 4144 Wt. Pipe I.D. — 2.7 Ft. Run —

Total Depth 4210 Drill Collar — 2.25 Ft. Run —

Mud Wt. 9.1 LCM TR lb/gal. Viscosity 57 Filtrate 11.2

Tool Open @ 1:18 AM Initial Blow OFF BOTTOM 30 SEC

Final Blow OFF BOTTOM IN 15 SEC GAS TO SUR 12 MIN INTO SECOND FLOW

Recovery — Total Feet 105 Feet of Gas in Pipe 4015 Flush Tool? —

Rec. 105	Feet Of MUD	%gas	%oil	%water 100	%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 119 °F Gravity °API @ °F Corrected Gravity °API

RW .169 @ 51 °F Chlorides 12000 ppm Recovery Chlorides 8000 ppm System

(A) Initial Hydrostatic Mud	2034 PSI	AK1 Recorder No.	13308	Range	4700
(B) First Initial Flow Pressure	44 PSI	@ (depth)	4149	w/Clock No.	27573
(C) First Final Flow Pressure	44 PSI	AK1 Recorder No.	2023	Range	4000
(D) Initial Shut-In Pressure	1254 PSI	@ (depth)	4173	w/Clock No.	8376
(E) Second Initial Flow Pressure	55 PSI	AK1 Recorder No.		Range	
(F) Second Final Flow Pressure	55 PSI	@ (depth)		w/Clock No.	
(G) Final Shut-In Pressure	1411 PSI	Initial Opening	30	Test	✓ 550.00
(H) Final Hydrostatic Mud	2008 PSI	Initial Shut-In	45	Jars	
		Final Flow	45	Safety Joint	✓
		Final Shut-In	120	Straddle	
				Circ. Sub	✓ NC
				Sampler	
				Extra Packer	
				Other	
				TOTAL PRICE $	1100.00

TRILOBITE TESTING COMPANY 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 SUBSTAINED, 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 Scott Alberg

Our Representative Mark Hershey

Printcraft Printers - Hays, KS

15-151-22060

TRILOBITE TESTING COMPANY

5-26s-13w

P.O. Box 362 • Hays, Kansas 67601

~~Computer Inventoried~~ Drill-Stem Test Data

Well Name FRISBIE #7 Test No. 1 Date 10/28/91
Company HALLWOOD PETROLEUM INC Zone Tested LKC-"J"
Address 4582 S ULSTER ST PRKSWY DENVER CO Elevation 1966 K.B.
Co. Rep./Geo. SCOTT ALBERG Cont. TRANS-PACIFIC #1 Est. Ft. of Pay
Location: Sec. 5 Twp. 26S Rge. 13W Co. PRATT State KS

Interval Tested 3940-3970 Drill Pipe Size 4.5 XH
Anchor Length 30 Wt. Pipe I.D. - 2.7 Ft. Run
Top Packer Depth 3935 Drill Collar — 2.25 Ft. Run
Bottom Packer Depth 3940
Total Depth 3970

Mud Wt. 9.1 lb / gal. Viscosity 49 Filtrate 8.8

Tool Open @ 9:50 AM Initial Blow 2" BLOW BUILDING TO BOTTOM OF BUCKET IN 2 MINUTES

Final Blow 5" BLOW TO BOTTOM OF BUCKET IN 5 MINUTES

Recovery — Total Feet 70 Flush Tool? NO

Rec. 1170 Feet of GAS IN PIPE

Rec. 70 Feet of SLTLY WATERY OIL CUT MUD-20%OIL/5%WTR/75%MUD

Rec. Feet of

Rec. Feet of

Rec. Feet of

BHT 116 °F Gravity °API @ °F Corrected Gravity °API

RW @ °F Chlorides ppm Recovery Chlorides ppm System

(A) Initial Hydrostatic Mud 2055.6 PSI Ak1 Recorder No. 13337 Range 3975

(B) First Initial Flow Pressure 35.6 PSI @ (depth) 3945 w/Clock No. 17639

(C) First Final Flow Pressure 35.6 PSI AK1 Recorder No. 24174 Range 3350

(D) Initial Shut-in Pressure 874.5 PSI @ (depth 3969 w/Clock No. 17640

(E) Second Initial Flow Pressure 44.9 PSI AK1 Recorder No. Range

(F) Second Final Flow Pressure 53.6 PSI @ (depth) w/Clock No.

(G) Final Shut-in Pressure 944.7 PSI Initial Opening 30 Final Flow 45

(H) Final Hydrostatic Mud 2020.4 PSI Initial Shut-in 45 Final Shut-in 120

Our Representativve PAUL SIMPSON TOTAL PRICE $ 600

Printcraft Printers - Hays, KS