TRILOBITE TESTING, L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Drill-Stem Test Data

Well Name: SCHMIDT #1-12 | Test No.: 1 | Date: 8/4/92

Company: STELBAR OIL CORP/GRAND MESA OPER. CO. | Zone: SIMPSON

Address: 155 N MARKET WICHITA KS 67202 | Elevation: 1738 K.B.

Co. Rep./Geo.: STEVE STRIBLING | Cont.: NORSEMAN DRILLING | Est. Ft. of Pay:

Location: Sec.: 12 | Twp.: 25S | Rge.: 10W | Co.: RENO | State: KS

Interval Tested: 3901-3934 | Drill Pipe Size: 4.5" XH

Anchor Length: 33 | Wt. Pipe I.D. - 2.7 Ft. Run:

Top Packer Depth: 3896 | Drill Collar – 2.25 Ft. Run: 573

Bottom Packer Depth: 3901 | Mud Wt.: 9.3 lb/Gal.

Total Depth: 3934 | Viscosity: 47 | Filtrate: 11.2

Tool Open @: 12:50 AM | Initial Blow: STRONG-BOTTOM OF BUCKET IN 6 MINUTES

Final Blow: STRONG-BOTTOM OF BUCKET IN 10 MINUTES

Recovery - Total Feet: 620 | Flush Tool?: NO

Rec. 310 | Feet of GAS IN PIPE

Rec. 620 | Feet of GASSY MUDDY WATER

Rec. | Feet of

Rec. | Feet of

Rec. | Feet of

BHT: 114 °F | Gravity: °API | @ °F | Corrected Gravity: °API

RW: 0.2 | @: 81 °F | Chlorides: 30000 ppm Recovery | Chlorides: 10000 ppm System

(A) Initial Hydrostatic Mud: 2025.6 PSI | AK1 Recorder No.: 13754 | Range: 4000

(B) First Initial Flow Pressure: 91.2 PSI | @ (depth): 3905 | w / Clock No.: 30401

(C) First Final Flow Pressure: 155.2 PSI | AK1 Recorder No.: 7437 | Range: 4200

(D) Initial Shut-in Pressure: 1376.8 PSI | @ (depth): 3930 | w / Clock No.: 26199

(E) Second Initial Flow Pressure: 201.3 PSI | AK1 Recorder No.: | Range:

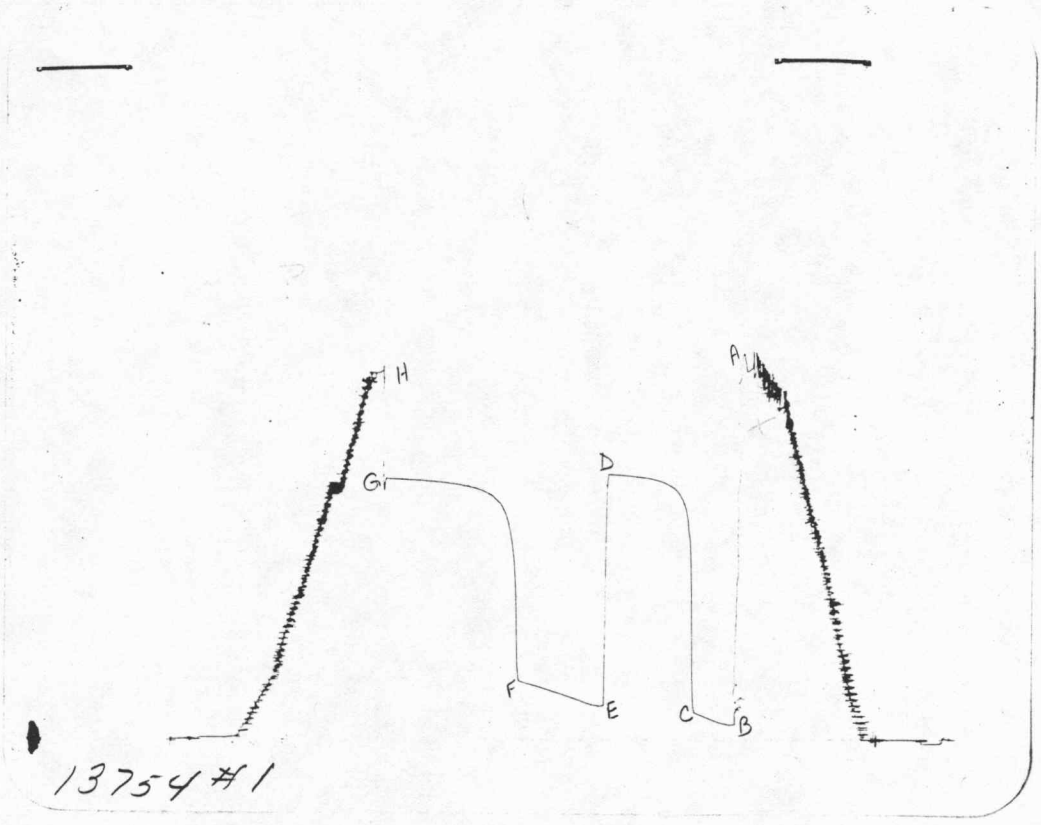
(F) Second Final Flow Pressure: 318.6 PSI | @ (depth): | w / Clock No.:

(G) Final Shut-in Pressure: 1360.4 PSI | Initial Opening: 30 | Final Flow: 60

(H) Final Hydrostatic Mud: 1910.2 PSI | Initial Shut-in: 60 | Final Shut-in: 90

Our Representative: DAN BANGLE

CHART PAGE



This is an actual photograph of recorder chart

	FIELD READING	OFFICE READING
(A) INITIAL HYDROSTATIC MUD	2021	2025.6
(B) FIRST INITIAL FLOW PRESSURE	88	91.2
(C) FIRST FINAL FLOW PRESSURE	154	155.2
(D) INITIAL CLOSED-IN PRESSURE	1377	1376.8
(E) SECOND INITIAL FLOW PRESSURE	198	201.3
(F) SECOND FINAL FLOW PRESSURE	319	318.6
(G) FINAL CLOSED-IN PRESSURE	1367	1360.4
(H) FINAL HYDROSTATIC MUD	1915	1910.2

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Test Ticket

No. 5114

Well Name & No. Schmidt #1-12 Test No. 1 Date 8-4-92

Company Stelbar Oil Corp/Grand Mesa Oper. Co. Zone Tested Simpson

Address 155 N. Market, Wichita, Ks. 67202 Elevation 1738 K.B.

Co. Rep./Geo. Steve Stribling Cont. Norseman Drlg. Est. Ft. of Pay

Location: Sec. 12 Twp. 25 Rge. 10 Co. Reno State Ks.

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

Interval Tested 3901 - 3934 Drill Pipe Size 4.5 XH

Anchor Length 33 Top Choke — 1" ____ Bottom Choke — ¾" ____

Top Packer Depth 3896 Hole Size — 7⅞" ____ Rubber Size — 6¾" ____

Bottom Packer Depth 3901 Wt. Pipe I.D. — 2.7 Ft. Run ____

Total Depth 3934 Drill Collar — 2.25 Ft. Run ____

Mud Wt. 9.3 lb/gal. Viscosity 47 Filtrate 11.2

Tool Open @ 12:50 a.m. Initial Blow Strong - B.O.B in 6 min.

Final Blow Strong - B.O.B in 10 min.

Recovery — Total Feet 620 Feet of Gas in Pipe 310 Flush Tool? ____

Rec. 620	Feet Of Gsy Mdy WTR.	%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
Rec. ____	Feet Of ____	%gas	%oil	%water	%mud

BHT 114 °F Gravity ____ °API @ ____ °F Corrected Gravity ____ °API

RW .20 @ 81 °F Chlorides 39000 ppm Recovery Chlorides 10,000 ppm System

(A) Initial Hydrostatic Mud	2021 PSI	AK1 Recorder No.	13754	Range	4000
(B) First Initial Flow Pressure	88 PSI	@ (depth)	3905	w/Clock No.	30401
(C) First Final Flow Pressure	154 PSI	AK1 Recorder No.	7437	Range	4200
(D) Initial Shut-In Pressure	1377 PSI	@ (depth)	3930	w/Clock No.	26199
(E) Second Initial Flow Pressure	198 PSI	AK1 Recorder No.	____	Range	____
(F) Second Final Flow Pressure	319 PSI	@ (depth)	____	w/Clock No.	____
(G) Final Shut-In Pressure	1367 PSI	Initial Opening	30	Test	____
(H) Final Hydrostatic Mud	1915 PSI	Initial Shut-In	60	Jars	____
		Final Flow	60	Safety Joint	____
		Final Shut-In	90	Straddle	____
				Circ. Sub	____
				Sampler	____
				Extra Packer	____
				Other	____
				TOTAL PRICE $	____

Approved By ____

Our Representative Dan Bangle

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