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3-10-26W

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STATE CORPORATION COMMISSION
SEP 14 1992
CONSERVATION DIVISION
Wichita, Kansas

TRILOBITE TESTING, L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Drill-Stem Test Data

Well Name ZIEGLER #2 Test No. 1 Date 8/31/92

Company MARMIK OIL COMPANY Zone LKC - "B-C"

Address 200 N JEFFERSON EL DORADO ARK 71730 Elevation 2607

Co. Rep./Geo. CURTIS MORRILL Cont. ALLEN DRLG RIG #3 Est. Ft. of Pay

Location: Sec. 3 Twp. 10S Rge. 26W Co. SHERIDAN State KS

Interval Tested 3882-3920 Drill Pipe Size 4.5" XH

Anchor Length 38 Wt. Pipe I.D. - 2.7 Ft. Run

Top Packer Depth 3877 Drill Collar – 2.25 Ft. Run

Bottom Packer Depth 3882 Mud Wt. 9.4 lb/Gal.

Total Depth 3920 Viscosity 49 Filtrate 8.8

Tool Open @ 1:06 PM Initial Blow WEAK-BUILDING TO 1/2" IN 20 MIN
DECREASING TO VERY WEAK SURFACE BLOW AFTER 45 MIN

Final Blow NO BLOW

KCC
NOV 09 1992

Recovery - Total Feet 10 Flush Tool?

Rec. 10 Feet of DRILLING 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 ppm Recovery Chlorides 2000 ppm System

(A) Initial Hydrostatic Mud 1955.6 PSI AK1 Recorder No. 13754 Range 4000

(B) First Initial Flow Pressure 45.2 PSI @ (depth) 3886 w / Clock No. 27567

(C) First Final Flow Pressure 45.2 PSI AK1 Recorder No. 7437 Range 4200

(D) Initial Shut-in Pressure 840.7 PSI @ (depth) 3916 w / Clock No. 25828

(E) Second Initial Flow Pressure 54.6 PSI AK1 Recorder No. Range

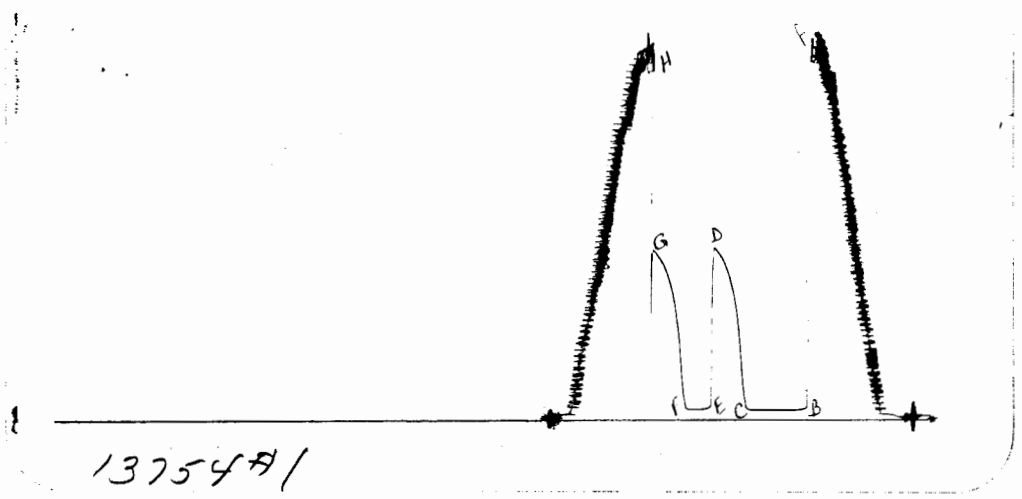
(F) Second Final Flow Pressure 55.7 PSI @ (depth) w / Clock No.

(G) Final Shut-in Pressure 822.3 PSI Initial Opening 45 Final Flow 15

(H) Final Hydrostatic Mud 1918.7 PSI Initial Shut-in 30 Final Shut-in 30

Our Representative DAN BANGLE

CHART PAGE



This is an actual photograph of recorder chart

	FIELD READING	OFFICE READING
(A) INITIAL HYDROSTATIC MUD	1947	1955.6
(B) FIRST INITIAL FLOW PRESSURE	44	45.2
(C) FIRST FINAL FLOW PRESSURE	44	45.2
(D) INITIAL CLOSED-IN PRESSURE	841	840.7
(E) SECOND INITIAL FLOW PRESSURE	55	54.6
(F) SECOND FINAL FLOW PRESSURE	55	55.7
(G) FINAL CLOSED-IN PRESSURE	820	822.3
(H) FINAL HYDROSTATIC MUD	1915	1918.7

TRILOBITE TESTING L.L.C.

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Test Ticket

№ 5407

Well Name & No. Ziegler #2 Test No. 1 Date 8-31-92

Company Marmik Oil Co. Zone Tested B-C L.K.C.

Address 200 N. Jefferson, El Dorado, Ark. 71730 Elevation 2607 K.B.

Co. Rep./Geo. Curtis Morrill Cont. Allen #3 Est. Ft. of Pay

Location: Sec. 3 Twp. 10 Rge. 26 Co. Sheridan State Ks.

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

Interval Tested 3882-3920 Drill Pipe Size 4.5 XH

Anchor Length 38 Top Choke — 1" ____ Bottom Choke — ¾" ____

Top Packer Depth 3877 Hole Size — 7⅞" ____ Rubber Size — 6¾" ____

Bottom Packer Depth 3882 Wt. Pipe I.D. — 2.7 Ft. Run ____

Total Depth 3920 Drill Collar — 2.25 Ft. Run ____

Mud Wt. 9.4 lb / gal. Viscosity 49 Filtrate 8.8

Tool Open @ 1:06 p.m. Initial Blow Weak - building To ½" in 20 min - decreasing To very weak surface blow after 45 min.

Final Blow No blow

Recovery — Total Feet 10 Feet of Gas in Pipe ____ Flush Tool? ____

Rec. 10	Feet Of D.M.	%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 ____ @ ____ °F Chlorides ____ ppm Recovery Chlorides 2000 ppm System

(A) Initial Hydrostatic Mud	1947 PSI	AK1 Recorder No.	13754	Range	4000
(B) First Initial Flow Pressure	44 PSI	@ (depth)	3886	w/Clock No.	27567
(C) First Final Flow Pressure	44 PSI	AK1 Recorder No.	7437	Range	4200
(D) Initial Shut-In Pressure	841 PSI	@ (depth)	3916	w/Clock No.	25828
(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	820 PSI	Initial Opening	45	Test	550.00
(H) Final Hydrostatic Mud	1915 PSI	Initial Shut-In	30	Jars	____
		Final Flow	15	Safety Joint	____
		Final Shut-In	30	Straddle	____
				Circ. Sub	____
				Sampler	____
				Extra Packer	____
				Other	____
				TOTAL PRICE $	550.00

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 ____

Our Representative Dan Bangle

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