TRILOBITE TESTING, L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Drill-Stem Test Data

Well Name YOUNG #2-27 Test No. 1 Date 9/5/92

Company RED OAK ENERGY, INC. Zone MISSISSIPPI

Address 200 W. DOUGLAS #510 WICHITA KS 67202 Elevation 3830

Co. Rep./Geo. SCOTT BANKS Cont. MURFIN RIG #24 Est. Ft. of Pay

Location: Sec. 27 Twp. 16S Rge. 42W Co. GREELEY State KS

Interval Tested 5160-5210 Drill Pipe Size 4.5" XH

Anchor Length 50 Wt. Pipe I.D. - 2.7 Ft. Run

Top Packer Depth 5155 Drill Collar – 2.25 Ft. Run 535

Bottom Packer Depth 5160 Mud Wt. 9 lb/Gal.

Total Depth 5210 Viscosity 58 Filtrate 8.4

Tool Open @ 9:05 PM Initial Blow FAIR BLOW OFF BOTTOM IN 3 MINUTES

ISI:BLED OFF BLOW-SURFACE RETURN BUILT TO 1"

Final Blow WEAK TO FAIR BLOW SLOWLY BUILT OFF BOTTOM IN 10 MIN/FSI:BLED OFF BLOW-FAIR RETURN OFF BOTTOM IN 7 MIN-DECREASE TO SURFACE @90/DIED@105

Recovery - Total Feet 585 Flush Tool? NO

Rec. 105 Feet of MUDDY WATER-60%WTR/40%MUD

Rec. 120 Feet of MUD CUT WATER-90%WTR/10%MUD

Rec. 360 Feet of WATER

Rec. Feet of

Rec. Feet of

BHT 142 °F Gravity °API @ °F Corrected Gravity °API

RW 0.68 @ 56 °F Chlorides 11500 ppm Recovery Chlorides 4500 ppm System

(A) Initial Hydrostatic Mud 2613.1 PSI AK1 Recorder No. 13309 Range 4700

(B) First Initial Flow Pressure 53.2 PSI @ (depth) 5200 w / Clock No. 25810

(C) First Final Flow Pressure 160.4 PSI AK1 Recorder No. 13339 Range 4025

(D) Initial Shut-in Pressure 1019.5 PSI @ (depth) 5205 w / Clock No. 27566

(E) Second Initial Flow Pressure 220.4 PSI AK1 Recorder No. Range

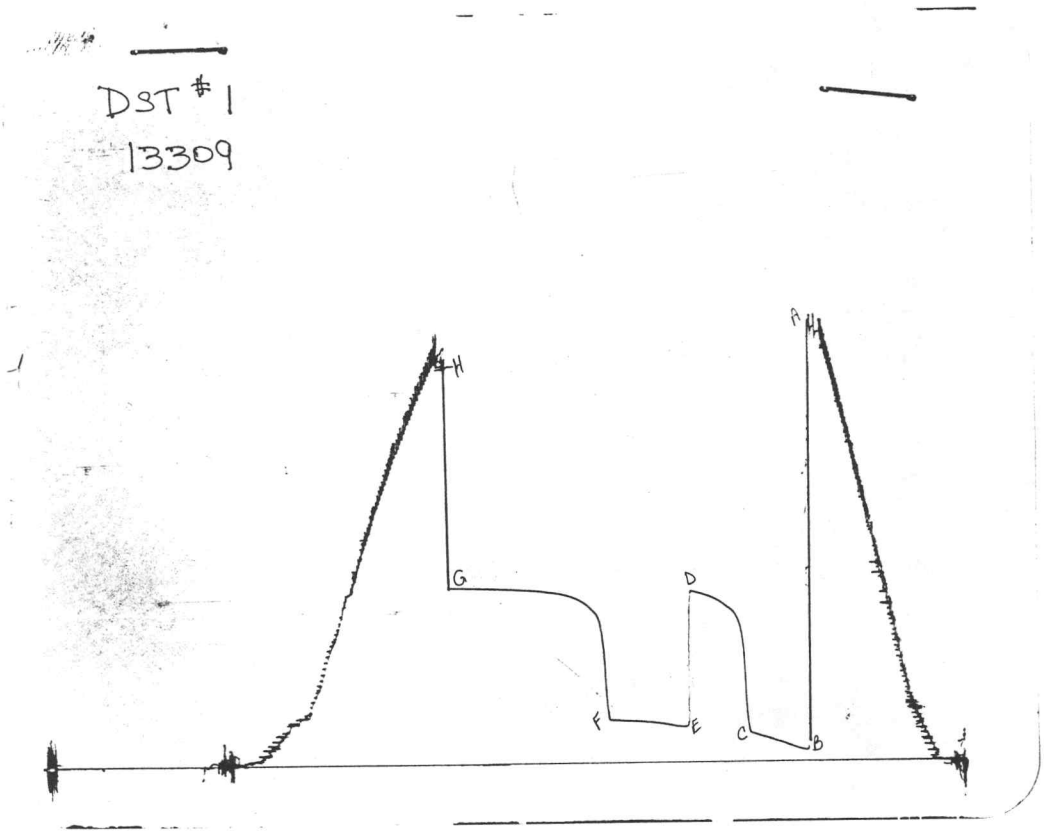
(F) Second Final Flow Pressure 260.3 PSI @ (depth) w / Clock No.

(G) Final Shut-in Pressure 1053.7 PSI Initial Opening 45 Final Flow 60

(H) Final Hydrostatic Mud 2510.6 PSI Initial Shut-in 45 Final Shut-in 120

Our Representative ROD STEINBRINK

CHART PAGE



This is an actual photograph of recorder chart

	FIELD READING	OFFICE READING
(A) INITIAL HYDROSTATIC MUD	2612	2613.1
(B) FIRST INITIAL FLOW PRESSURE	52	53.2
(C) FIRST FINAL FLOW PRESSURE	155	160.4
(D) INITIAL CLOSED-IN PRESSURE	1020	1019.5
(E) SECOND INITIAL FLOW PRESSURE	218	220.4
(F) SECOND FINAL FLOW PRESSURE	259	260.3
(G) FINAL CLOSED-IN PRESSURE	1050	1053.7
(H) FINAL HYDROSTATIC MUD	2503	2510.6

FLUID SAMPLER DATA

Ticket No.: 5199 Date: 9/5/92

Company: RED OAK ENERGY, INC.

Lease: YOUNG #2-27 Test No.: 1

County: GREELEY Sec.: 27 Twp.: 16S Rng.: 42W

SAMPLER RECOVERY

Gas

Oil

Mud

Water 4500

Other

Pressure 750

TOTAL 4500

SAMPLER ANALYSIS

Resistivity 0.68 ohms@ 56 F

Chlorides 11500 ppm.

Gravity corrected @60F

PIT MUD ANALYSIS

Chlorides 4500

Resistivity ohms@ F

Viscosity 58

Mud Wt. 9

Filtrate 8.4

Other

PIPE RECOVERY

TOP

Resistivity 0.71 ohms@ 58 F

Chlorides 10000 ppm

MIDDLE

Resistivity ohms@ F

Chlorides ppm

BOTTOM

Resistivity 0.69 ohms@ 57 F

Chlorides 11000 ppm