

**RUSSELL OPERATING COMPANY
WELL COMPLETION REPORT**

PROJECT ELSMORE WEST
LEASE ARD WELL NO. W-2 (Now own-)

Location: 390 Ft. from WEL Line Contractor: R & R Drilling
250 Ft. from NSL Line SE 1/4
Sec. 10 Twp. 26S Rge. 20E Address: Iola, KS
Allen County, KANSAS 66749

Elevation: G.L. 984.5 Ft. Date Drilling Commenced 12-29-78
K.B. _____ Ft. Date Drilling Completed 1-9-79
Date Well Completed 5-31-79
Initial Production: _____ BOPD
_____ BWPD

Type Rig: Rotary
Total Depth: 760.6 Ft. Cored Interval From 695 Ft. to 716 Ft.
Top of Pay 714 Ft. Bottom Pay 720 Ft. Gross Pay 6 Ft.

Type Logs Run: GR/N Top Pay Log Depth 714 Ft. Bottom 720 Ft.

Completion Interval(s): From 715 Ft. to 721 Ft. Sh/Ft. 2
From _____ Ft. to _____ Ft. Sh/Ft. _____
From _____ Ft. to _____ Ft. Sh/Ft. _____

Remarks: _____

**Core Analysis
Summary:**

Section	From Feet	To Feet	Net Pay Feet	Por. %	Perm. %	Oil %	Water %
	<u>(SEE CORE ANALYSIS)</u>						

Treatment Record: Bbl. Fracturing Fluid 100 bbls. water in 100 lbs. of gel
Sand Used 5000 lbs. Fine Sand
Breakdown Pressure 1600 lbs. to _____
Treating Pressure 1350 lbs. to _____
Average Pump Rate 20 BPM Instant S.I. Pressure 400 PSI

Remarks: Sand Concentration: 2 lbs./gallon - Used 10 gallons of 4-53 Clay Control

Surface Casing - Size 7 in. 7 Ft. 1 Sx cement.

Oil String - Size 2 3/8 in. 765 Ft. 130 Sx cement.

(SAND OR CORE DESCRIPTION ON REVERSE SIDE)

Seating Nipple @ 687'

6 1/4" Hole