

Log Book

Well No.

W.H. #34

Farm

Weller

(State)

Kans

(County)

Neosho

(Section)

(Township)

(Range)

30

21

For

(Well Owner)

Best Scanned Copy

***Kenneth R.
Johnson, Inc.***

Oil-Gas-Water-Industrial Supplies

**CHANUTE
(316) 431-0479**

**OSAWATOMIE
(913) 755-4182
Nite (913) 294-3228
Nite (913) 755-3980**

**GARNETT
(913) 448-5915**

Hiller Farm: Neosho County

Kan State; Well No. 34

Elevation 843

Commenced Spuding 2-7- 19 84

Finished Drilling 19

Driller's Name William J. Bell

Driller's Name _____

Driller's Name _____

Tool Dresser's Name John Porter

Tool Dresser's Name _____

Tool Dresser's Name _____

Contractor's Name V V & B

34 30 21E

(Section) SESENE (Township) (Range)

Distance from N line, 2590 ft.

Distance from E line, 330 ft.

21' of 7" set with
5 sacks cement 10#
cal cloids.

CASING AND TUBING

RECORD

10" Set _____ 10" Pulled _____

8" Set _____ 8" Pulled _____

6 1/4" Set _____ 6 1/4" Pulled _____

4" Set _____ 4" Pulled _____

2" Set _____ 2" Pulled _____

Rules of Thumb

CEMENTING ANNULUS

2" ID — 6 1/4" — 1 Sack 5.8'

2" ID — 8" — 1 Sack 3.1'

3" ID — 8" — 1 Sack 3.5'

4" ID — 8" — 1 Sack 4.0'

CAPACITY

2" — 1 BBL. equals 256'

2 1/2" — 1 BBL. equals 164'

3" — 1 BBL. equals 115'

4" — 1 BBL. equals 64'

4 7/8" — 1 BBL. equals 43'

6 1/4" — 1 BBL. equals 26'

8" — 1 BBL. equals 16'

WATER — CEMENT RATIO

5.5 gals. to 1 sack — 2 1/2 hours

to thicken slurry

7.7 gals. to 1 sack — 2 hours

to thicken slurry

Thickness of Strata	Formation	Total Depth	Remarks
	Top Soil	1	
	Gray clay	9	
	Yellow clay	13	
	Blue limestone	15	
	Link stone	26	
	Black shale	30	
	Gray shale	32	
	Lime stone	44	
	Black shale	49	
	Gray shale	55	
	Silt stone	60	
	Silty gray shale	70	
	Gray shale	125	
	Dark gray shale	131	
	Coal	132	Water
	Gray shale	141	
	Lime stone	142	
	Black shale	143	
	Lime stone	144	
	Black shale	149	
	Struck of coal	149	
	Gray shale	160 1/2	
		167	oil sand 160 1/2 Bottom of hole 167

Short Cuts

TANK CAPACITY

BBLS. (42 gal.) equals $D^2 \times h$

D equals diameter in feet.

h equals height in feet.

BARRELS PER DAY

Multiply gals. per minute x 34.2

HP equals $BPH \times PSI \times .0004$

BPH — barrels per hour

PSI — pounds square inch

TO FIGURE PUMP DRIVES

* D — Diameter of Pump Sheave

* d — Diameter of Engine Sheave

SPM — Strokes per Minute

RPM — Engine Speed

R — Gear Box Ratio

* C — Shaft Center Distance

D — $RPM \times d$ over $SPM \times R$

d — $SPM \times R \times D$ over RPM

SPM — $RPM \times D$ over $R \times D$

R — $RPM \times d$ over $SPM \times D$

BELT LENGTH — $2C + 1.57(D + d) + \frac{(D - d)^2}{4C}$

*Need these to figure belt length

TO FIGURE AMPS: $\frac{WATTS}{VOLTS} = AMPS$

746 WATTS equal 1 HP

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and Casing

OIL FIELD TRUCKING
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