Crawford County, KS
Well:Zummallen 6-W
Lease Owner:Town Oil

Town Oil Company, Inc.
(913) 294-2125

Commenced Spudding:
9/25/2017

WELL LOG

Thickness of Strata	Formation	Total Depth
14	Soil-Clay	14
2	Gravel	16
8	Sandy Lime	24
22	Shale	46
7	Limey Sand	53
49	Shale	102
1	Lime	103
8	Shale	111
27	Lime	138
3	Shale & Slate	141
1	Lime	142
24	Shale	166
61	Sandy Shale	227
5	Lime	232
8	Shale & Slate	240
8	Lime	248
157	Shale	405
21	Sand	426
44	Shale	470-TD

Short Cuts

TANK CAPACITY

BBLS. (42 gal.) equals D^2x.14xh
D equals diameter in feet.
h equals height in feet.

BARRELS PER DAY

Multiply gals. per minute x 34.2

HP equals BPH x PSI x .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 - RPMxd over SPMxR
d - SPMxRxD over RPM
SPM - RPMXD over RxD
R - RPMXD over SPMxD

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

* Need these to figure belt length

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

746 WATTS equal 1 HP

6020 402 0450

Log Book

Well No. 10-W

Farm Zummallen

KS (State) Crawford (County)

36 (Section) 28 (Township) 21 (Range)

For Town Oil Co (Well Owner)

Town Oil Company, Inc.
16205 W. 287th St.
Paola, KS 66071
913-294-2125

Zumwalter Farm: Crawford County

KS State; Well No. 6W

Elevation

Commenced Spuding 9-25 20 17

Finished Drilling 10-31 20 17

Driller's Name Scott Kirkland

Driller's Name

Driller's Name

Tool Dresser's Name Derick Holestein

Tool Dresser's Name

Tool Dresser's Name

Contractor's Name Town Oil Co.

36 28 21

(Section) (Township) (Range)

Distance from _____ line, _____ ft.

Distance from _____ line, _____ ft.

CASING AND TUBING RECORD

10" Set _____ 10" Pulled _____

8" Set _____ 8" Pulled _____

6¼" Set 20' 3 sacks 6¼" Pulled _____

4" Set _____ 4" Pulled _____

2" Set 464.70 2" Pulled _____

2 7/8 8rd upset

CASING AND TUBING MEASUREMENTS

Feet	In.	Feet	In.	Feet	In.
31	2				
28	1				
31	2				
31	2				
30	9				
31	2				
31	1				
31	2				
31	2				
31	2				
31	5				
31	2				
31	1				
31	7				
31	1				
464	70				

Thickness of Strata	Formation	Total Depth	Remarks
14	Soil & Clay	14	
2	gravel	16	
8	sandy or lime	24	
22	Shale	46	
7	Limey sand	53	Heavy
49	Shale	102	
1	Lime	103	
8	Shale	111	
27	Lime	138	
3	Shale & Slate	141	
1	Lime	142	
24	Shale	166	
61	Sandy shale	227	w lime streaks
5	Lime	232	sandy
8	Shale & slate	240	
8	Lime	248	
157	Shale	405	
21	Sand	426	Broken ok bleed & odor
44	Shale	470	T.D.