

MiamiCounty, KS
 Well: Hunt 5W
 Lease Owner: Town Oil

TDR Construction, INC
 (913) 710-5400

Commenced Spudding:
 11/19/2019

WELL LOG

Thickness of Strata	Formation	Total Depth
0-7	soil-clay	7
8	lime	15
95	shale	110
16	lime	126
25	shale	151
8	lime	159
41	shale	200
16	lime	216
11	shale	227
27	lime	254
6	shale	260
24	lime	284
5	shale	289
5	lime	294
2	shale	296
5	lime	301 Hertha
26	shale	327
18	sand	345 no oil
62	shale	407
7	sand	414 no oil
27	shale	441
9	limey sand	450 oil show-good bleed
10	shale	460
15	lime	475
46	shale	521
7	lime	528
12	shale	540
4	lime	544
15	shale	559
5	lime	564
18	shale	582
3	lime	585
6	shale	591
5	lime	596
10	shale	606
15	sand	621 broken-good oil show
79	sandy shale	700 TD

Short Cuts

TANK CAPACITY

BBLS. (42 gal.) equals $D^2 \times h \times 14$

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

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

* Need these to figure belt length

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

746 WATTS equal 1 HP

Log Book

Well No. 5W

Farm Hunt

KS

(State)

Miami

(County)

24

(Section)

17

(Township)

21

(Range)

For Town Oil Company

(Well Owner)

TDR CONSTRUCTION, INC.
PO BOX 339
Louisburg, KS 66053
913-710-5400

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