

Linn County, KS
 Well: #19-I
 Lease Owner: Triple T Oil

TDR Construction, INC
 (913) 710-5400

Commenced Spudding:
 11/15/2019

WELL LOG

Thickness of Strata	Formation	Total Depth
0-3	soil-clay	3
4	lime	7
26	sandy shale	33
9	shale	42
6	lime	48
52	shale	100
9	lime	109
7	shale	116
35	lime	151
7	shale	158
23	lime	181
4	shale	185
13	lime	198
5	shale	203
7	sandy shale	210 no oil
153	shale	363
5	lime	368
15	shale	383
12	lime	395 slight oil show
60	shale	455
8	lime	463
14	shale	477
4	lime	481
17	shale	498
5	lime	503
8	shale	511
10	lime	521
15	shale	536
2	lime	538
3	shale	541
4	lime	545
56	shale	601
3	sandy shale	604 broken-good oil show
8	sandy shale	612 mostly solid-good oil show
1	lime	613 no oil
87	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 - SPMxRxR 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

WATTS = AMPS

TO FIGURE AMPS: VOLTS

746 WATTS equal 1 HP

Log Book

Well No. 19-I

Farm Lemon

KS
(State) Linn
(County)

11 20 22
(Section) (Township) (Range)

For Triple T Oil
(Well Owner)

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

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