

Miami County, KS

Well: Hunt 14

Lease Owner: MJT Enterprise

Town Oilfield Service, Inc.

(913) 837-8400

Commenced Spudding:

10-01-2014

WELL LOG

Thickness of Strata	Formation	Total Depth
14	soil/clay	14
2	shale	16
24	lime	40
14	shale	54
6	lime	60
1	shale	61
3	red bed	64
37	shale	101
15	lime	116
11	shale and slate	127
27	lime	154
7	shale and slate	161
24	lime	185
5	shale and slate	190
3	lime	193
1	shale and slate	194
7	lime	201
27	shale	228
12	sandy shale	240
67	sandy shale	307
6	limey sand	313
27	shale	340
9	sandy shale	349
10	shale	359
5	sandy shale	364
14	lime	378
43	shale	421
2	coal	423
4	shale	427
6	lime	433
12	shale	445
3	lime	448
18	shale	466
9	lime	475
21	shale	496
4	lime	500
5	shale	505
7	lime	512
4	shale	516
3	sandy lime	519

Short Cuts

TANK CAPACITY

BBLs. (42 gal.) equals $D^2 \times 14 \times h$
 D equals diameter in feet.
 h equals height in feet.

BARRELS PER DAY

Multiply gals. per minute x 34.2

HP equals BPH 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 - $\text{RPM} \times d$ over $\text{SPM} \times R$
- d - $\text{SPM} \times R \times D$ over RPM
- SPM - $\text{RPM} \times D$ over $R \times D$
- R - $\text{RPM} \times D$ over $\text{SPM} \times D$

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

* Need these to figure belt length

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

746 WATTS equal 1 HP

Log Book

Well No. 14

Farm Hunt

KS. Miami
 (State) (County)

7 18 22
 (Section) (Township) (Range)

For MJT Enterprises
 (Well Owner)

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

Thickness of Strata	Formation	Total Depth	Remarks
14	Soil & clay	14	
2	shale	16	yellow
24	Lime	40	
14	Shale	54	
6	Lime	60	
1	Shale	61	
3	Red Bed	64	
37	shale	101	
15	Lime	116	Drum
11	shale & shale	127	
27	Lime	154	Winters et
7	shale & shale	161 161	
24	Lime	185	Bethany Falls
5	shale & shale	190	
3	Lime	193	K.C.
1	shale & shale	194	
7	Lime	201	Hertha
27	shale	228	
12	sandy shale	240	green no show
67	sandy shale	307	grey
6	limey sand	313	no show
27	shale	340	grey
Peru 9	sand	349	good color - a blood solid, Brown
10 1/2	shale	359 353	w - lime streaks
Bandura 5	sand	364	limey, Brown, oil show & color
14	Lime	378	w shale streaks
43	Shale	421	

