

Johnson County, KS
Well: Meyers #D-1
Lease Owner: D and Z Ex

Town Oilfield Service, Inc.
(913) 837-8400

Commenced Spudding:
03/25/2014

WELL LOG

Thickness of Strata	Formation	Total Depth
8	soil/clay	8
10	sandstone	18
9	shale	27
4	lime	21
4	shale	35
17	lime	52
9	shale	61
7	lime	68
9	shale	77
24	lime	101
13	shale	114
22	lime	136
11	sandy shale and shale	147
17	lime	164
33	shale	197
12	lime	209
14	shale	223
8	lime	231
21	shale	252
8	lime	260
3	shale	263
7	lime	270
49	shale	319
23	lime	342
10	shale	352
22	lime	374
5	shale	379
4	lime	383
6	shale	389
6	lime	395
109	shale	504
6	sandy shale and shale	510
37	shale	547
5	sand	552
3	sandy shale and shale	555
13	shale	568
4	lime	572
16	shale	588
7	lime	595
15	shale	610

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 - $RPM \times d$ 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

Log Book

Well No. #0-1

Farm Meyers

KS Johnson
(State) (County)

28 14 22
(Section) (Township) (Range)

For D+2 Exploration
(Well Owner)

Town Oilfield Services, Inc.

1207 N. 1st East
Louisburg, KS 66053
913-710-5400

Mayers Farm: Johnson County

KS State; Well No. D-1

Elevation 1014

Commenced Spuding 3/4-25 20 14

Finished Drilling 20

Driller's Name Chad Weaver

Driller's Name

Driller's Name

Tool Dresser's Name Cole Holcom

Tool Dresser's Name

Tool Dresser's Name

Contractor's Name TOS

28 14 22

(Section) (Township) (Range)

Distance from E line, 85 ft.

Distance from E line, 235 ft.

3-sacks
CASING AND TUBING
RECORD

10" Set _____ 10" Pulled _____
7 7/8" Set 233' 8" Pulled _____
6 1/4" Set _____ 6 1/4" Pulled _____
4" Set _____ 4" Pulled _____
2" Set 1.162' 2" Pulled _____

1019.18 cement Basket
1200 TD

CASING

Feet

Grid for casing and tubing record with handwritten notes and a large paper overlay.

Thickness of Strata	Formation	Total Depth	Remarks
3	soil/clay	3	
10	sandstone	13	
9	shale	22	
4	lime	26	
4	shale	30	
17	lime	47	
9	shale	56	
7	lime	63	
9	shale	72	
24	lime	96	
13	shale	109	
22	lime	131	
11	congl. sh. & sh.	142	
17	lime	159	
33	shale	192	with some lime secums
12	lime	204	
14	shale	218	
8	lime	226	
21	shale	247	
8	lime	255	
3	shale	258	
7	lime	265	
49	shale	314	
23	lime	337	
10	shale	347	
22	lime	369	
5	shale	374	

Thickness of Strata	Formation	Total Depth	Remarks
		379	
4	Lime	383	
6	shale	389	
6	Lime	395	
109	shale	504	Harder
6	sandy shale	510	
37	shale	547	
5	sand	552	
3	sandy shale	555	grey, no oil
13	shale	568	
4	Lime	572	
16	shale	588	
7	Lime	595	
15	shale	610	
3	Lime	613	
6	shale	619	
12	single Lime	631	
42	shale	673	
14	sand	687	
5	sandy shale	692	grey, no oil
46	shale	738	
5	sand	743	
7	sandy shale	750	Broken Brown sand, no oil
109	shale	859	
1	Broken sand	860	
4	sand	864	25% oil, ochre
2	sand	866	50% - solid oil, good quality
4	sand	870	white sand, 5% 50% - solid oil

