

Franklin County, KS
Well: Hoehn I-22
Lease Owner: TDR

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

Commenced Spudding:
05/30/2014

15-059-26450-00-00

WELL LOG

Thickness of Strata	Formation	Total Depth
0-39	soil-clay	39
4	lime	43
3	shale	46
17	lime	63
7	shale	70
12	lime	82
6	shale	88
11	lime	99
45	shale	144
23	lime	167
71	shale	238
24	lime	262
23	shale	285
6	lime	291
24	shale	315
2	lime	317
17	shale	334
1	lime	335
17	shale	352
7	lime	359
2	shale	361
13	lime	374
13	shale	387
19	lime	406
5	shale	411
4	lime	415
3	shale	418
5	lime	423
50	shale	473
12	sand	485
61	shale	546
1	sand	547
7	sand	554
46	shale	600
6	lime	606
6	shale	612
20	lime	632
12	shale	644
3	lime	647
20	shale	667

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. I-22

Farm Hoehn

KS

(State)

Franklin

(County)

5

(Section)

16

(Township)

21

(Range)

For TDR
(Well Owner)

Town Oilfield Services, Inc.

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

Hoehn Farm: Franklin County

KS State; Well No. I-22

Elevation 984

Commenced Spuding 05/30 .20 14

Finished Drilling 06/02 .20 14

Driller's Name Greg Perry

Driller's Name

Driller's Name

Tool Dresser's Name Kenny Gynn

Tool Dresser's Name Justin Lynn

Tool Dresser's Name

Contractor's Name TOS

S 16 21

(Section) (Township) (Range)

Distance from S line, 2970 ft.

Distance from E line, 4225 ft.

3 bag of Cement

CASING AND TUBING RECORD

10" Set _____ 10" Pulled _____
8" Set _____ 8" Pulled _____
7 1/4" Set 21" _____ 6 1/4" Pulled _____
4" Set _____ 4" Pulled _____
2" Set _____ 2" Pulled _____

CASING AND TUBING MEASUREMENTS

Table with 6 columns: Feet, In., Feet, In., Feet, In. Handwritten entries include 727 90 Baffle and 756 90 Total 2 7/8".

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7	Shale	70	
12	Lime	82	
6	Shale	88	
11	Lime	99	
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23	Lime	167	
71	Shale	238	
24	Lime	262	
23	Shale	285	
6	Lime	291	
24	Shale	315	
2	Lime	317	
17	Shale	334	
1	Lime	335	
17	Shale	352	
7	Lime	359	
2	Shale	361	
13	Lime	374	
13	Shale	387	
19	Lime	406	
5	Shale	411	
4	Lime	415	
3	Shale	418	

418

Thickness of Strata	Formation	Total Depth	Remarks
5	Lime	423	Hertha
50	Shale	473	
12	Sand	485	No Oil
61	Shale	546	
1	Sand	547	Broken - Poor Saturation
7	Sand	554	
46	Shale	600	Broken - Good Saturation
6	Lime	606	
6	Shale	612	
20	Lime	632	
12	Shale	644	
3	Lime	647	
20	Shale	667	
2	Lime	669	
19	Shale	688	
1	Lime	689	
6	Shale	695	
1	Sand	696	Broken - Good Saturation
5	Sand	701	
3	Sand	704	Solid - Good Saturation
2	Sand	706	Broken - Good Saturation
74	Sandy Shale	780	Broken - Poor Saturation
			TP

Town Oilfield Service

P.O Box 339 Louisburg, Ks 66053
913-837-8400

Ticket Number _____
Location _____
Foreman _____

Field Ticket & Treatment Report Cement

Date	Customer#	Well Name & Number	Section	Township	Range	County
6-2-14		Hoehn I-22	5	16	21	Franklin
Customer TDR cont.		Mailing Address				
		City	State	Zip Code		

Job Type long string Hole Size 5 5/8 Hole Depth 720 Casing Size & Weight 2 7/8
Casing Depth 756 Drill Pipe _____ Tubing _____ Other _____
Displacement 4.6 Displacement PSI 300 Mix PSI 200 Rate 4 BPM

Remarks Bigged up, Established Rate down casing. Mixed & pumped 100% cement, circulated cement. Flushed pump & pumped Plug.

Account Code	Quantity or Units	Description of Services or Product	Unit Price	Total
		Pump Charge		700
		Cement Truck		250
		Water Truck		150
	120	Cement	8.5	1020
		Gel		
	1	Plug	25	25
			Sales Tax	
			Estimated Total	

Authorization  Title _____ Date 6-2-14

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form.