Franklin County, KS
Well:S. Beckmeyer 69
Lease Owner: TDR

Town Oilfield Service, Inc.
(913) 294-2125

Commenced Spudding:
2/5/18

WELL LOG

Thickness of Strata	Formation	Total Depth
0-32	Soil-Clay	32
4	Lime	36
3	Shale	39
16	Lime	55
6	Shale	61
11	Lime	72
6	Shale	78
19	Lime	97
43	Shale	140
19	Lime	159
74	Shale	233
22	Lime	255
26	Shale	281
7	Lime	288
22	Shale	310
1	Lime	311
18	Shale	329
2	Lime	331
15	Shale	346
23	Lime	369
11	Shale	380
19	Lime	399
4	Shale	403
5	Lime	408
3	Shale	411
5	Lime	416
125	Shale	541
12	Sand	553
46	Shale	599
8	Lime	607
2	Shale	609
3	Lime	612
5	Shale	617
2	Lime	619
25	Shale	644
4	Lime	648
14	Shale	662
5	Lime	667
12	Shale	679
2	Lime	681

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4	Shale	685
1	Lime	686
5	Shale	691
1	Lime	692
3	Shale	695
7	Sandy Shale	702
5	Sand	707
93	Shale	800-TD

Short Cuts

TANK CAPACITY

BBLS. (42 gal.) equals D^2x.14xh
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

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

* Need these to figure belt length

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

746 WATTS equal 1 HP

Log Book

Well No. 69

Farm South Beckmeyer

KS (State) Franklin (County)

32 (Section) 15 (Township) 21 (Range)

For TDR Construction (Well Owner)

15-059-27175

Town Oilfield Services, Inc.
1207 N. 1st East
Louisburg, KS 66053
913-710-5400

South Beckmeyer Farm: Franklin County

KS State; Well No. 69

Elevation 1030

Commenced Spuding 2-5 20 18

Finished Drilling 2-9 20 18

Driller's Name Wesley Dollarel

Driller's Name Ryan Ward

Driller's Name

Tool Dresser's Name

Tool Dresser's Name

Tool Dresser's Name

Contractor's Name TOS

32 15 21

(Section) (Township) (Range)

Distance from S line, 165 ft.

Distance from E line, 495 ft.

3 sacks

5 hrs

5 5/8 borehole

2 7/8 casing

CASING AND TUBING RECORD

10" Set		10" Pulled	
8" Set		8" Pulled	
7" Set	20	6¼" Pulled	
4" Set		4" Pulled	
2" Set		2" Pulled	

CASING AND TUBING MEASUREMENTS

Feet	In.	Feet	In.	Feet	In.
734	8	Bottle			
771.	4	Float			
800	TD			2	1/8

Thickness of Strata	Formation	Total Depth	Remarks
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4	Lime	36	
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16	Lime	55	
6	Shale	61	
11	Lime	72	
6	Shale	78	
19	Lime	97	Shells
43	Shale	140	
19	Lime	159	
74	Shale	233	
22	Lime	255	
26	Shale	281	
7	Lime	288	
22	Shale	310	redbed
1	Lime	311	
18	Shale	329	
2	Lime	331	
15	Shale	346	
23	Lime	369	
11	Shale	380	
19	Lime	399	
4	Shale	403	
5	Lime	408	
3	Shale	411	
5	Lime	416	Heitha
125	Shale	541	

541

Thickness of Strata	Formation	Total Depth	Remarks
12	Sand	553	broken - good oil show
46	Shale	599	
8	Lime	607	
2	Shale	609	
3	Lime	612	
5	Shale	617	
2	Lime	619	
25	Shale	644	
4	Lime	648	
14	Shale	662	
5	Lime	667	
12	Shale	679	
2	Lime	681	
4	Shale	685	
1	Lime	686	
5	Shale	691	
1	Lime	692	
3	Shale	695	
7	sandy shale	702	
5	Sand	707	broken - good saturation
93	Shale	800	TD

Town Oilfield Service

PO Box 339 Louisburg, KS 66053
913-294-2125

Ticket # _____
Location _____
Foreman _____

Field Ticket & Treatment Report
Cement

Date	Customer#	Well Name & Number	Section	Township	Range	County
2-9-18		S. Beckmeyer #9	32	15	21	FR

Customer	Mailing Address		
	City	State	Zip Code

Job Type long string Hole Size 5 5/8 Hole Depth 800 Casing Size & Weight 2 7/8

Casing Depth 776 Drill Pipe _____ Tubing _____ Other _____

Displacement _____ Displacement PSI _____ Mix PSI _____ Rate _____

Remarks _____

Quantity or Units	Description of Service or Product	Unit Price	Total
	Pump Charge		700
	Cement Truck		250
	Water Truck		125
130	Cement	10	1300
	Gel		
	Plug		25
	Estimated Total:		2400

Authorization _____ Title _____ Date 2-9-18