

Johnson County, KS
Well: White #3
Lease Owner:D.E. Expor

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

Commenced Spudding:
02/24/2014

WELL LOG

Thickness of Strata	Formation	Total Depth
24	soil/clay	24
23	shale	47
22	lime	69
8	shale	77
9	lime	869
6	shale	92
18	lime	110
12	shale	122
10	sand	132
1	lime	133
5	shale	138
23	lime	161
43	shale	204
9	lime	213
18	shale	231
5	lime	236
5	shale	241
12	lime	253
19	shale	272
6	lime	278
10	shale	288
3	lime	291
32	shale	323
1	lime	324
10	shale	334
24	lime	358
8	shale	366
24	lime	390
4	shale	394
5	lime	399
2	shale	401
5	lime	406
26	shale	432
19	sand	451
93	shale	544
3	lime	547
18	shale	565
3	lime	568
10	shale	578
6	lime	584

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 $SPM \times d$

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

* 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. #3

Farm White

KS Johnson
(State) (County)

1 15 21
(Section) (Township) (Range)

For D.E. Exploration
(Well Owner)

Town Oilfield Services, Inc.

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

Thickness of Strata	Formation	Total Depth	Remarks
24	soil / clay	24	
23	shale	47	
22	Lime	69	
8	shale	77	
9	Lime	86	
6	shale	92	
18	Lime	110	
12	shale	122	
10	sand	132	red bed
1	Lime	133	no oil
5	shale	138	
23	Lime	161	
43	shale	204	
9	Lime	213	
18	shale	231	
5	Lime	236	
5	shale	241	
12	Lime	253	
19	shale	272	
6	Lime	278	
10	shale	288	
3	Lime	291	
32	shale	323	
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19	Sand	451	
93	Shale	544	
3	Lime	547	
18	shale	565	
3	Lime	568	
10	Shale	578	
6	Lime	584	
4	Shale	588	
4	Lime	592	
6	Shale	598	
2	Lime	600	
22	Shale	622	
3	Lime	625	
40	Shale	665	Lime streaks
3	Lime	668	
68	Shale	736	
9	Sand	745	
2	Sandy Shale	747	
119	Shale	866	
1	Lime	867	
1	Lime	868	Only good bleed. white



CONSOLIDATED
Oil Well Services, LLC

REMIT TO
FINV
Consolidated Oil Well Services, LLC
Dept. 970
P.O. Box 4346
Houston, TX 77210-4346

MAIN OFFICE
P.O. Box 884
Chanute, KS 66720
620/431-9210 • 1-800/467-8676
Fax 620/431-0012

INVOICE

Invoice # 266183

Invoice Date: 02/27/2014 Terms: 0/0/30,n/30

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D.E. EXPLORATION
DOUG EVANS
P.O. BOX 128
WELLSVILLE KS 66092
(785) 883-4057

WHITE #3
42626
SW 1-15-21
02-24-2014
KS

Part Number	Description	Qty	Unit Price	Total
1124	50/50 POZ CEMENT MIX	125.00	11.5000	1437.50
1118B	PREMIUM GEL / BENTONITE	310.00	.2200	68.20
1111	SODIUM CHLORIDE (GRANULA	242.00	.3900	94.38
1110A	KOL SEAL (50# BAG)	625.00	.4600	287.50
4404	4 1/2" RUBBER PLUG	1.00	47.2500	47.25

Description	Hours	Unit Price	Total
368 CEMENT PUMP	1.00	1085.00	1085.00
368 EQUIPMENT MILEAGE (ONE WAY)	30.00	4.20	126.00
368 CASING FOOTAGE	931.00	.00	.00
369 80 BBL VACUUM TRUCK (CEMENT)	1.50	90.00	135.00
558 MIN. BULK DELIVERY	1.00	368.00	368.00

Parts: 1934.83 Freight: .00 Tax: 142.69 AR 3791.52
 Labor: .00 Misc: .00 Total: 3791.52
 Sublt: .00 Supplies: .00 Change: .00

Signed _____

Date _____

BARTLESVILLE, OK
918/338-0808

EL DORADO, KS
316/322-7022

EUREKA, KS
620/583-7664

PONCA CITY, OK
580/762-2303

OAKLEY, KS
785/672-8822

OTTAWA, KS
785/242-4044

THAYER, KS
620/839-5269

GILLETTE, WY
307/686-4914

CUSHING, OK
918/225-2650

