

Johnson County, KS
Well: White #6
Lease Owner: DE Explor

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

Commenced Spudding:
02/25/2014

WELL LOG

Thickness of Strata	Formation	Total Depth
21	soil/clay	21
13	shale	34
22	lime	56
9	shale	65
9	lime	74
4	shale	78
19	lime	97
12	shale	109
12	sand	121
5	sandy shale	126
23	lime	149
43	shale	192
1	lime	202
16	shale	218
7	lime	225
4	shale	229
12	lime	241
17	shale	258
5	lime and shale	263
3	lime	266
10	shale	276
2	lime	278
34	shale	312
1	lime	313
10	shale	323
24	lime	347
8	shale	355
23	lime	378
4	shale	382
5	lime	387
3	shale	390
6	lime	396
6	shale	402
18	sandy shale	420
18	sand	438
5	sandy shale	443
125	shale	568
3	lime	571
5	shale	576
2	lime	578

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. #6

Farm White

KS Johnson
(State) (County)

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

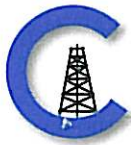
For D.E. Exploration
(Well Owner)

Town Oilfield Services, Inc.

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

Thickness of Strata	Formation	Total Depth	Remarks
21	oil clay	21	
13	shale	34	
22	Lime	56	
9	shale	65	
9	Lime	74	
4	shale	78	
19	Lime	97	
12	shale	109	
12	sand	121	red bed
5	sandy shale	126	no oil
23	Lime	149	
43	shale	192	
10	Lime	202	
16	shale	218	
7	Lime	225	
4	shale	229	
12	Lime	241	
17	shale	258	
5	limet shale	263	
3	Lime	266	
10	shale	276	
2	Lime	278	
34	shale	312	
1	Lime	313	
10	shale	323	
24	Lime	347	
8	shale	355	

Thickness of Strata	Formation	Total Depth	Remarks
23	Lime	378	
4	shale	382	
5	lime	387	
3	shale	390	
6	Lime	396	
6	shale	402	Harder
18	sandy shale	420	
18	sand	438	with some shale occurs grey sand, some water
5	sandy shale	443	with some sandy shale (Gas 30 psi 5 min)
125	shale	568	
3	Lime	571	
5	shale	576	
2	Lime	578	
10	shale	588	
7	Lime	595	
15	shale	610	
3	Lime	613	
10	shale + Lime	623	
2	Lime	625	
24	shale	649	
7	Lime + shale	656	
66	shale	722	
3	Broken sand	725	
6	sand	731	
2	Broken sand	733	Brown sand, no oil (8 psi Gas) (5 min)
6	sandy shale	739	
41	shale	820	
			TD



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 # 266287

Invoice Date: 02/28/2014 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 #6
42549
SW 1-15-21
02-27-2014
KS

Part Number	Description	Qty	Unit Price	Total
1124	50/50 POZ CEMENT MIX	154.00	11.5000	1771.00
1118B	PREMIUM GEL / BENTONITE	459.00	.2200	100.98
1111	SODIUM CHLORIDE (GRANULA	323.00	.3900	125.97
1110A	KOL SEAL (50# BAG)	770.00	.4600	354.20
4404	4 1/2" RUBBER PLUG	1.00	47.2500	47.25
Description		Hours	Unit Price	Total
558	MIN. BULK DELIVERY	1.00	368.00	368.00
666	CEMENT PUMP	1.00	1085.00	1085.00
666	EQUIPMENT MILEAGE (ONE WAY)	30.00	4.20	126.00
666	CASING FOOTAGE	792.00	.00	.00
675	80 BBL VACUUM TRUCK (CEMENT)	2.00	90.00	180.00

Parts:	2399.40	Freight:	.00	Tax:	176.95	AR	4335.35
Labor:	.00	Misc:	.00	Total:	4335.35		
Sublt:	.00	Supplies:	.00	Change:	.00		

Signed _____ Date _____

