

Douglas County, KS
Well: Neumer A-7
Lease Owner: Altavista

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

Commenced Spudding:
7-22-2013

WELL LOG

Thickness of Strata	Formation	Total Depth
0-3	soil-clay	3
9	sandstone	12
18	shale	30
15	sand	45
87	shale	132
5	lime	137
5	shale	142
15	lime	157
8	shale	165
7	lime	172
4	shale	176
17	lime	193
3	shale & lime	196
14	shale	210
27	sand	237
11	lime	248
22	sandy shale	270
54	shale	324
21	lime	345
15	shale	360
5	shale & lime	365
7	lime	372
16	shale	388
7	sand	395
17	lime	412
4	shale	416
1	lime	417
14	shale	431
23	lime	454
8	shale	462
23	lime	485
4	shale	489
4	lime	493
5	shale	498
5	lime	503
13	shale	516
8	sand	524
22	shale	546
62	sand	608
32	shale	640

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 $BPH \times PSI \times .0004$

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. A-7

Farm Neumer

KS Douglas
(State) (County)

14 15 20
(Section) (Township) (Range)

For Altavista Energy inc
(Well Owner)

Town Oilfield Services, Inc.

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

Thickness of Strata	Formation	Total Depth	Remarks
0-3	soil-clay	3	
9	sandstone	12	
18	shale	30	
15	sand	45	water
87	shale	132	
5	lime	137	
5	shale	142	
15	lime	157	
8	shale	165	
7	lime	172	
4	shale	176	
17	lime	193	
3	shale & lime	196	
14	shale	210	
27	sand	237	no oil
11	lime	248	
22	sandy shale	270	
54	shale	324	
21	lime	345	
15	shale	360	
5	shale & lime	365	
7	lime	372	
16	shale	388	
7	sand	395	odor - no show
17	lime	412	
4	shale	416	
1	lime	417	

417

Thickness of Strata	Formation	Total Depth	Remarks
14	Shale	431	
23	Lime	454	
8	Shale	462	
23	Lime	485	
4	Shale	489	
4	Lime	493	
5	Shale	498	
5	Lime	503	Hertha
13	Shale	516	
8	sand	524	no Oil
22	Shale	546	
62	sand	608	some sandy shale - no Oil
32	Shale	640	
17	sand	657	no Oil
6	sandy shale	663	
60	Shale	723	
3	Lime	726	
11	Shale	737	
2	Lime	739	
3	Shale	742	
6	Lime	748	
21	Shale	769	
4	sand	773	broken - brown - no Oil
2	sand	775	50% Oil - good show
4	sand	779	solid - great saturation
5	sand	784	broken - good show
1	sand	785	mostly solid - good show



CONSOLIDATED
Oil Well Services, LLC

REMIT TO
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 # 260814

Invoice Date: 07/23/2013 Terms: 0/0/30,n/30

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ALTAVISTA ENERGY INC
4595 K-33 HIGHWAY
P.O. BOX 128
WELLSVILLE KS 66092
(785) 883-4057

NEVMER A-7
42194
14-15-20
07-22-2013
KS

Part Number	Description	Qty	Unit Price	Total
1124	50/50 POZ CEMENT MIX	40.00	11.5000	460.00
1118B	PREMIUM GEL / BENTONITE	67.00	.2200	14.74
1111	SODIUM CHLORIDE (GRANULA	84.00	.3900	32.76
1110A	KOL SEAL (50# BAG)	200.00	.4600	92.00
Description		Hours	Unit Price	Total
548	MIN. BULK DELIVERY	.50	368.00	184.00
666	CEMENT PUMP (SURFACE)	1.00	870.00	870.00
666	EQUIPMENT MILEAGE (ONE WAY)	.00	4.20	.00
666	CASING FOOTAGE	72.00	.00	.00
675	80 BBL VACUUM TRUCK (CEMENT)	1.00	90.00	90.00

Parts:	599.50	Freight:	.00	Tax:	42.86	AR	1786.36
Labor:	.00	Misc:	.00	Total:	1786.36		
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
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Oil Well Services, LLC

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Houston, TX 77210-4346

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Chanute, KS 66720
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INVOICE

Invoice # 260841

Invoice Date: 07/24/2013 Terms: 0/0/30,n/30

Page 1

ALTAVISTA ENERGY INC
4595 K-33 HIGHWAY
P.O. BOX 128
WELLSVILLE KS 66092
(785) 883-4057

NEVMER A-7
42225
14-15-20
07-23-2013
KS

Part Number	Description	Qty	Unit Price	Total
1124	50/50 POZ CEMENT MIX	102.00	11.5000	1173.00
1118B	PREMIUM GEL / BENTONITE	272.00	.2200	59.84
1111	SODIUM CHLORIDE (GRANULA	197.00	.3900	76.83
1110A	KOL SEAL (50# BAG)	510.00	.4600	234.60
4402	2 1/2" RUBBER PLUG	1.00	29.5000	29.50
1401	HE 100 POLYMER	.50	47.2500	23.63

Description	Hours	Unit Price	Total
369 80 BBL VACUUM TRUCK (CEMENT)	2.00	90.00	180.00
495 CEMENT PUMP	1.00	1085.00	1085.00
495 EQUIPMENT MILEAGE (ONE WAY)	25.00	4.20	105.00
495 CASING FOOTAGE	866.00	.00	.00
548 MIN. BULK, DELIVERY	1.00	368.00	368.00

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Parts: 1597.40 Freight: .00 Tax: 114.21 AR 3449.61
Labor: .00 Misc: .00 Total: 3449.61
Sublt: .00 Supplies: .00 Change: .00
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Signed _____ Date _____

