

Douglas County, KS
Well: Neumer A-12
Lease Owner:AltaVista

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

Commenced Spudding:
8/1/2013

WELL LOG

Thickness of Strata	Formation	Total Depth
0-3	Soil-Clay	3
42	Sandstone	45
106	Shale	151
5	Lime	156
7	Shale	163
15	Lime	178
8	Shale	186
7	Lime	193
4	Shale	197
18	Lime	215
6	Shale	221
28	Sand	249
17	Lime	266
21	Sandy Shale	287
55	Shale	342
22	Lime	364
13	Shale	377
4	Shale	381
8	Lime	389
16	Shale	405
8	Sand	413
6	Shale	419
11	Lime	430
5	Shale	435
2	Lime	437
12	Shale	449
23	Lime	472
9	Shale	481
24	Lime	505
4	Shale	509
4	Lime	513
4	Shale	517
6	Lime	523
8	Shale	531
11	Sand	542
24	Shale	566
59	Sand	625
5	Sandy Shale	630
20	Shale	650
20	Sand	670

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-12

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	
42	sandstone	45	20' - water
106	shale	151	
5	Lime	156	
7	shale	163	
15	Lime	178	
8	shale	186	
7	Lime	193	
4	shale	197	
18	Lime	215	
6	shale	221	
28	sand	249	no oil
17	Lime	266	
21	sandy shale	287	
55	shale	342	
22	Lime	364	
13	shale	377	
4	shale & Lime	381	
8	Lime	389	
16	shale	405	
8	sand	413	no oil
6	shale	419	
11	Lime	430	
5	shale	435	
2	Lime	437	
12	shale	449	
23	Lime	472	

472

Thickness of Strata	Formation	Total Depth	Remarks
9	shale	481	
24	lime	505	
4	shale	509	
4	lime	513	
4	shale	517	
6	lime	523	
8	shale	531	Herthg
11	sand	542	no oil
24	shale	566	
59	sand	625	no oil
5	sandy shale	630	
20	shale	650	
20	sand	670	no oil
10	sandy shale	680	
25	shale	705	
12	shale & lime	717	
4	shale	721	
10	lime	731	
11	shale	742	
3	lime	745	
4	shale	749	
4	sand	753	odor - slight show
2	shale	755	
6	lime	761	
4	shale	765	
1	lime	766	
13	shale	779	



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 # 261204
 =====
 Invoice Date: 08/16/2013 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-12
42322
NW14-15-20
08-01-2013
KS

Part Number	Description	Qty	Unit Price	Total
1124	50/50 POZ CEMENT MIX	35.00	11.5000	402.50
1118B	PREMIUM GEL / BENTONITE	59.00	.2200	12.98
1111	SODIUM CHLORIDE (GRANULA)	68.00	.3900	26.52
1110A	KOL SEAL (50# BAG)	175.00	.4600	80.50

Description	Hours	Unit Price	Total
370 80 BBL VACUUM TRUCK (CEMENT)	1.50	90.00	135.00
495 CEMENT PUMP (SURFACE)	1.00	870.00	870.00
495 EQUIPMENT MILEAGE (ONE WAY)	.00	4.20	.00
495 CASING FOOTAGE	67.00	.00	.00
548 MIN. BULK DELIVERY	.50	368.00	184.00

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 Parts: 522.50 Freight: .00 Tax: 37.37 AR 1748.87
 Labor: .00 Misc: .00 Total: 1748.87
 Sublt: .00 Supplies: .00 Change: .00
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Signed _____ Date _____



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Oil Well Services, LLC

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P.O. Box 4346
Houston, TX 77210-4346

MAIN OFFICE
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Chanute, KS 66720
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Fax 620/431-0012

INVOICE Invoice # 261274
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Invoice Date: 08/16/2013 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-12
42301
NW14-15-20
08-06-2013
KS

Part Number	Description	Qty	Unit Price	Total
1124	50/50 POZ CEMENT MIX	106.00	11.5000	1219.00
1118B	PREMIUM GEL / BENTONITE	278.00	.2200	61.16
1111	SODIUM CHLORIDE (GRANULA)	214.00	.3900	83.46
1110A	KOL SEAL (50# BAG)	530.00	.4600	243.80
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
510	MIN. BULK DELIVERY	.50	368.00	184.00
666	CEMENT PUMP	1.00	1085.00	1085.00
666	EQUIPMENT MILEAGE (ONE WAY)	.00	4.20	.00
666	CASING FOOTAGE	883.00	.00	.00
675	80 BBL VACUUM TRUCK (CEMENT)	1.50	90.00	135.00

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Parts:	1660.55	Freight:	.00	Tax:	118.73	AR	3183.28
Labor:	.00	Misc:	.00	Total:	3183.28		
Sublt:	.00	Supplies:	.00	Change:	.00		

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Signed _____ Date _____

