

Douglas County, KS
Well: Neumer A-9
Lease Owner: Altavista

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

Commenced Spudding:
8-6-2013

WELL LOG

Thickness of Strata	Formation	Total Depth
0-6	soil-clay	6
64	sandstone	70
100	shale	170
5	lime	175
6	shale	181
15	lime	196
8	shale	204
8	lime	212
3	shale	215
18	lime	233
7	shale and sand	240
28	sandstone	268
17	lime	285
5	sandy shale	290
10	sane	300
61	shale	361
22	lime	383
17	shale	400
8	lime	408
18	shale	426
8	sand	434
15	lime	449
5	shale	454
1	lime	455
13	shale	468
23	lime	491
10	shale	501
22	lime	523
4	shale	527
4	lime	531
4	shale	535
6	lime	541
7	shale	548
12	sand	560
25	shale	585
60	sand	645
33	shale	678
21	sand	699
38	shale	767
9	shale and lime	776

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. A-9

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
0-6	soil - clay	6	
64	sand stone	70	
100	shale	170	
5	lime	175	
6	shale	181	
15	lime	196	
8	shale	204	
8	lime	212	
3	shale	215	
18	lime	233	
7	shale & sand	240	no oil
28	sand	268	no oil
17	lime	285	
5	sandy shale	290	
10	sand	300	no oil
61	shale	361	
22	lime	383	
17	shale	400	
8	lime	408	
18	shale	426	
8	sand	434	no oil
15	lime	449	
5	shale	454	
1	lime	455	
13	shale	468	
23	lime	491	
10	shale	501	

501

Thickness of Strata	Formation	Total Depth	Remarks
22	Lime	523	
4	Shale	527	
4	Lime	531	
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7	shale	548	Herthg
12	sand	560	no oil
25	Shale	585	
60	sand	645	no oil
33	shale	678	
21	sand	699	no oil
68	Shale	767	
9	Shale & Lime	776	
4	Shale	780	
4	Lime	784	
19	Shale	803	
2	Lime	805	
2	sandy shale	807	
1	sand	808	no oil
3	sand	811	broken - oil
7	sand	818	mostly solid - spod show
1	sand	819	broken - oil
10	sandy shale	829	no oil
91	Shale	920	TD



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 # 261273
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Invoice Date: 08/15/2013 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-9 42270 14-15-20 08-06-2013 KS
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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	81.00	.3900	31.59
1110A	KOL SEAL (50# BAG)	200.00	.4600	92.00
Description	Hours	Unit Price	Total	
510 MIN. BULK DELIVERY	.50	368.00	184.00	
666 CEMENT PUMP (SURFACE)	1.00	870.00	870.00	
666 EQUIPMENT MILEAGE (ONE WAY)	20.00	4.20	84.00	
666 CASING FOOTAGE	89.00	.00	.00	
675 80 BBL VACUUM TRUCK (CEMENT)	1.50	90.00	135.00	

=====

Parts:	598.33	Freight:	.00	Tax:	42.78	AR	1914.11
Labor:	.00	Misc:	.00	Total:	1914.11		
Sublt:	.00	Supplies:	.00	Change:	.00		

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Signed _____ Date _____



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INVOICE Invoice # 261368

Invoice Date: 08/15/2013 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-9
42304
14-15-20
08-13-2013
KS

Part Number	Description	Qty	Unit Price	Total
1124	50/50 POZ CEMENT MIX	117.00	11.5000	1345.50
1118B	PREMIUM GEL / BENTONITE	297.00	.2200	65.34
1111	SODIUM CHLORIDE (GRANULA	236.00	.3900	92.04
1110A	KOL SEAL (50# BAG)	585.00	.4600	269.10
1401	HE 100 POLYMER	.50	47.2500	23.63
4402	2 1/2" RUBBER PLUG	1.00	29.5000	29.50

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)	20.00	4.20	84.00
666 CASING FOOTAGE	901.00	.00	.00
675 80 BBL VACUUM TRUCK (CEMENT)	1.50	90.00	135.00

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Parts: 1825.11 Freight: .00 Tax: 130.49 AR 3443.60
Labor: .00 Misc: .00 Total: 3443.60
Sublt: .00 Supplies: .00 Change: .00
=====

Signed _____ Date _____



261368

TICKET NUMBER 42304
 LOCATION Attawa, KS
 FOREMAN Chey Kennedy

PO Box 884, Chanute, KS 66720
 620-431-9210 or 800-467-8676

FIELD TICKET & TREATMENT REPORT
CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
8/13/13	3244	Newmer # A-9	Nw 14	15	20	DG
CUSTOMER						
Attawista Energy						
MAILING ADDRESS						
PO Box 128						
CITY		STATE	ZIP CODE			
Wellsville		KS	66092			

TRUCK #	DRIVER	TRUCK #	DRIVER
481	Caska	✓ Safety Meeting	
666	Bob Carlson	✓	
510	Set Tur	✓	
675	Kei Dot	✓	

JOB TYPE longstring HOLE SIZE 5 5/8" HOLE DEPTH 920' CASING SIZE & WEIGHT 2 7/8" EUE
 CASING DEPTH 901 DRILL PIPE _____ TUBING baffle - 870' OTHER _____
 SLURRY WEIGHT _____ SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT in CASING 31'
 DISPLACEMENT 5.04 bbls DISPLACEMENT PSI _____ MIX PSI _____ RATE 4.5 bpm

REMARKS: held safety meeting, established circulation, mixed & pumped 1/2 gal Polymer + 100 # Premium Gel followed by 10 bbls fresh water, mixed & pumped 117 sks 5 5/8 Pozmix cement w/ 2% gel, 5% salt, + 5 # Kolseal per sk, cement to surface, flushed pump clean, pumped 2 1/2" rubber plug to baffle w/ 5.04 bbls fresh water, pressured to 800 PSI, released pressure, shut in casing.

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE		1085.00 ✓
5406	20 mi	MILEAGE		84.00 ✓
5402	901'	casing footage		✓
5407	1/2 minimum	ten mileage		189.00 ✓
5502C	1.5 hrs	80' Vac		135.00 ✓
1124	117 sks	5 5/8 Pozmix cement		1345.50 ✓
1118B	297 #	Premium Gel		605.34 ✓
1111	236 #	Salt		92.04 ✓
1110A	585 #	Kolseal		269.10 ✓
1401	1/2 gal	Polymer		23.63 ✓
4402	1	2 1/2" rubber plug		29.50 ✓

completed

7.15% SALES TAX 130.49 ✓
 ESTIMATED TOTAL 3443.60 ✓

AUTHORIZATION Bryan Miller TITLE _____ DATE _____

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form.