

DRILLERS LOG

API NO: 15 - 207 - 29677 - 00 - 00

OPERATOR: ALTAVISTA ENERGY INC

ADDRESS: 4595 K-33 HWY, P.O. BOX 128, WELLSVILLE, KS 66092

WELL #: AI - 34

LEASE NAME: STRAHM WEST

S. 11 T. 24 R. 16 E. W.

LOCATION: W2 E2 E2 NW

COUNTY: WOODSON

ELEV. GR.: 1060

DF: _____ KB: _____

FOOTAGE LOCATION: 3960 FEET FROM (N) (S) LINE 2990 FEET FROM (E) (W) LINE

CONTRACTOR: FINNEY DRILLING COMPANY

GEOLOGIST: DOUG EVANS

SPUD DATE: 9/21/2018

TOTAL DEPTH: 1111

P.B.T.D. _____

DATE COMPLETED: 9/25/2018

OIL PURCHASER: COFFEYVILLE RESOURCES CRUDE TRANSPORTATION

CASING RECORD

REPORT OF ALL STRINGS - SURFACE, INTERMEDIATE, PRODUCTION, ETC.

PURPOSE OF STRING	SIZE HOLE DRILLED	SIZE CASING SET (in O.D.)	WEIGHT LBS/FT	SETTING DEPTH	TYPE CEMENT	SACKS	TYPE AND % ADDITIVES
SURFACE:	12.2500	7	24	40.00	I	12	MIXED BY RIG
PRODUCTION:	5.8750	2.8750	6.5	1101.45	70-30	128	SERVICE COMPANY

WELL LOG

CORES: # NONE

RECOVERED:

ACTUAL CORING TIME:

RAN: 1 - FLOAT SHOE

1 - BAFFLE

1 - CLAMP

3 - CENTRALIZERS

FORMATION	TOP	BOTTOM
TOP SOIL	0	2
CLAY	2	14
SHALE	14	31
LIME	31	33
SHALE	33	154
LIME	154	162
SHALE	162	164
LIME	164	168
SHALE	168	171
LIME	171	218
SHALE	218	230
LIME	230	279
SHALE	279	284
LIME	284	378
SHALE	378	382
LIME	382	437
SHALE	437	450
LIME	450	453
SHALE	453	469
LIME	469	473
SHALE	473	479
SHALE LIME & SAND	479	501
KC LIME	501	506
SHALE & LIME	506	512
KC LIME	512	572
SHALE	572	578
KC LIME	578	603
SHALE	603	607
KC LIME	607	624
SHALE	624	626
LIME	626	632
BIG SHALE	632	796
LIME	796	802
SHALE & LIME	802	811
SHALE	811	820
LIME	820	828
SHALE	828	830
LIME	830	832
SHALE	832	840
LIME & SHALE	840	842
SHALE	842	864
SAND	864	870

FORMATION	TOP	BOTTOM
SAND & SHALE	870	891
LIME	891	893
SHALE	893	898
LIME	898	910
SHALE	910	919
LIME	919	924
SHALE	924	925
LIME & SHALE	925	928
SHALE	928	938
LIME	938	942
SHALE	942	945
LIME	945	946
SHALE	946	957
LIME	957	962
SHALE	962	963
LIME	963	964
SHALE	964	966
LIME	966	968
SHALE	968	973
LIME	973	974
SHALE & SAND	974	1013
CAP ROCK	1013	1014
SAND & SHALE	1014	1016
LIME SHALE & SAND	1016	1017
SAND & SHALE	1017	1018
SAND & SHALE	1018	1022
SAND & SHALE	1022	1026
SAND & SHALE	1026	1030
SAND & SHALE	1030	1064
LIME	1064	1067
SHALE	1067	1111 T.D.

SHOW
OIL SHOW FREE OIL
GOOD SHOW FREE OIL
SHOW LIGHT
NO SHOW



REMIT TO
 QES Pressure Pumping LLC
 Dept:970
 P.O.Box 4346
 Houston, TX 77210-4346

MAIN OFFICE

P.O.Box884
 Chanute,KS 66720
 620/431-9210,1-800/467-8676
 Fax 620/431-0012

Invoice Invoice# 814211

Invoice Date: 09/26/18 Terms: Net 30 Page 1

ALTAVISTA ENERGY INC
 PO BOX 128
 WELLSVILLE KS 66092
 USA
 7858834057

STRAHM WEST AI-34

Part No	Description	Quantity	Unit Price	Discount(%)	Total
CE0450	Cement Pump Charge 0 - 1500'	1.000	1,500.0000	45.000	825.00
CE0002	Equipment Mileage Charge - Heavy Equipment	40.000	7.1500	45.000	157.30
CE0711	Minimum Cement Delivery Charge	1.000	660.0000	45.000	363.00
WE0853	80 BBL Vacuum Truck (Cement Services)	2.500	100.0000	45.000	137.50
CC5840	Poz-Blend I A (50:50)	135.000	13.5000	45.000	1,002.38
CC5965	Bentonite	327.000	0.3000	45.000	53.96
CC5326	Sodium Chloride, Salt	261.000	1.0000	45.000	143.55
CC6077	Kolseal	675.000	0.5000	45.000	185.63
CP8176	2 7/8" Top Rubber Plug	1.000	45.0000	45.000	24.75

Subtotal 5,260.10
 Discounted Amount 2,367.05
 SubTotal After Discount 2,893.05

Amount Due 5,452.41 If paid after 10/26/18

Tax: 105.77
 Total: 2,998.84



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

11681
11543

TICKET NUMBER 54080
 LOCATION Ottawa
 FOREMAN Alan Maden

**FIELD TICKET & TREATMENT REPORT
 CEMENT**

Invoice #814211

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
9-25-18	3244	Strohman west AT-34	NW 11	24	16	Woods
CUSTOMER <u>Altavista</u>			TRUCK # DRIVER TRUCK # DRIVER			
MAILING ADDRESS <u>P.O. Box 128</u>			<u>730 Ala Mad Safety Maet</u>			
CITY <u>Wellsville</u>			<u>467 Kei Car</u>			
STATE <u>KS</u>			<u>675 Kei Det</u>			
ZIP CODE <u>66092</u>			<u>558 Garwik</u>			

JOB TYPE long string HOLE SIZE 5 7/8 HOLE DEPTH 1111 CASING SIZE & WEIGHT 2 7/8
 CASING DEPTH 1101 DRILL PIPE _____ TUBING _____ OTHER BF 1067
 SLURRY WEIGHT _____ SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT In CASING yes
 DISPLACEMENT 6.22 DISPLACEMENT PSI 800 MIX PSI 200 RATE 4 bpm

REMARKS: Held meeting. Mixed + pumped 100 # gel followed by 135 sk Poz Blend I-A plus 2% gel, 5# Kalseal, 5% salt per sack. Circulated cement. Flushed pump. Pumped plug to baffle. Well held 800 PSI. Set float.

Kurt's rig

Alan Maden

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
LE0450	1	PUMP CHARGE	467 1500.00	
LE0002	40	MILEAGE	467 286.00	
LE0711	min	Ton miles	558 660.00	
WE0853	2.5	80 vac	675 250.00	
		Sub	2696.00	
		less 45%	1213.20	1482.80
CC5840	135	Poz Blend I	18 225.00	
CC5965	327	gel	98 10 98.00	
CC5326	261	salt	261 261.00	
CL6577	675	Kalseal	337 50 337.50	
CP8176	1	2 1/2 plug	45 45.00	
		Sub	2564.10	
		less 45%	-1153.85	1410.25
SCANNED				
		7.5	SALES TAX	105.77
			ESTIMATED TOTAL	2998.89

Ravin 3737

AUTHORIZATION Bryan Kelly TITLE _____ DATE (545241)

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.