DRILLERS LOG

API NO: 15 - 031 - 23379 - 00 - 00

OPERATOR: ALTAVISTA ENERGY INC

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

WELL #: 2A LEASE NAME: SETTLEMYER

S. 14 T. 22 R. 16 E. W.

LOCATION: NE NE SW SE

COUNTY: COFFEY

ELEV. GR.: 1050

DF: KB:

FOOTAGE LOCATION: 1155 FEET FROM (N) (S) LINE 1490 FEET FROM (E) (W) LINE

CONTRACTOR: FINNEY DRILLING COMPANY

GEOLOGIST: DOUG EVANS

SPUD DATE: 10/7/2013

TOTAL DEPTH: 1121 P.B.T.D.

DATE COMPLETED: 10/9/2013

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	19	44.60	OWC	58	SERVICE COMPANY
PRODUCTION:	5.8750	2.8750 8rd	6.5	1111	OWC		SERVICE COMPANY

WELL LOG

CORES: #1 - 1019 - 1032

RECOVERED:

ACTUAL CORING TIME:

RAN: 1 - FLOAT SHOE
1 - SEATING NIPPLE
1 - COLLAR
1 - BAFFLE
1 - CLAMP
3 - CENTRALIZERS

FORMATION	TOP	BOTTOM
TOP SOIL	0	3
CLAY	3	28
GRAVEL	28	33
CLAY	33	41
SHALE	41	216
LIME	216	270
SHALE	270	340
LIME	340	371
SHALE	371	420
LIME	420	475
SHALE	475	477
LIME	477	485
SHALE	485	488
LIME	488	490
RED BED	490	501
SHALE	501	527
LIME	527	600
SHALE	600	605
LIME	605	634
SHALE	634	640
LIME	640	647
SHALE	647	809
LIME	809	817
SAND & SHALE	817	828
LIME	828	841
SAND & SHALE	841	843
LIME	843	848
SAND & SHALE	848	850
LIME	850	851
SAND & SHALE	851	899
LIME	899	905
SAND & SHALE	905	926
LIME	926	930
SHALE	930	947
LIME	947	951
SHALE	951	971
LIME	971	973
SAND & SHALE	973	983
LIME	983	987
SHALE & SAND	987	1017

FORMATION	TOP	BOTTOM
CAP LIME	1017	1018
SHALE	1018	1020
OIL CAP LIME	1020	1021
SAND & SHALE OIL	1021	1027
SHALE	1027	1121 T.D.

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 # 263043

Invoice Date: 10/10/2013 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

SETTLEMEYER 2-A
44728
SE 14-22-16
10-07-2013
KS

Part Number	Description	Qty	Unit Price	Total
1124	50/50 POZ CEMENT MIX	40.00	11.5000	460.00
1118B	PREMIUM GEL / BENTONITE	68.00	.2200	14.96
1111	SODIUM CHLORIDE (GRANULA	78.00	.3900	30.42
1110A	KOL SEAL (50# BAG)	200.00	.4600	92.00

	Description	Hours	Unit Price	Total
495	CEMENT PUMP (SURFACE)	1.00	870.00	870.00
495	EQUIPMENT MILEAGE (ONE WAY)	.00	4.20	.00
495	CASING FOOTAGE	45.00	.00	.00
548	TON MILEAGE DELIVERY	94.16	1.41	132.77
675	80 BBL VACUUM TRUCK (CEMENT)	1.50	90.00	135.00

Parts:	597.38	Freight:	.00	Tax:	36.74 AR	1771.89
Labor:	.00	Misc:	.00	Total:	1771.89	
Sublt:	.00	Supplies:	.00	Change:	.00	

Signed _____ Date _____

CONSOLIDATED
Oil Well Services, LLC

263043

TICKET NUMBER 44728
LOCATION Ottawa KS
FOREMAN Fred Mader

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
10-7-13	3244	Settlemyer # 2-A	SE 1/4	22	16	CF

CUSTOMER: Altavista Energy Inc

MAILING ADDRESS: P.O. Box 128

CITY	STATE	ZIP CODE
Wellsville	KS	66092

TRUCK #	DRIVER	TRUCK #	DRIVER
712	FreMad		
495	HarBec		
675	KieDef		
548	MikNaa		

JOB TYPE Surface HOLE SIZE 12¼ HOLE DEPTH 45' CASING SIZE & WEIGHT 7"
CASING DEPTH 45' DRILL PIPE ____ TUBING ____ OTHER ____
SLURRY WEIGHT ____ SLURRY VOL ____ WATER gal/sk ____ CEMENT LEFT in CASING 10'+
DISPLACEMENT 1.75 DISPLACEMENT PSI ____ MIX PSI ____ RATE 5 BPM

REMARKS: Hold crew safety meeting. Establish circulation thru 7" casing. Mix & Pump 40 sks 50/50 Por Mix Cement 2% Gel 5% Salt 5# Kol Seal/sk. Cement to surface. Displace 7" casing clean w/ 1.75 BBL Water. Shut in casing.

Kurt Finney Drilling. Fred Mader

ACCOUNT CODE	QUANITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401S	1	PUMP CHARGE Surface 495		870.00
5406	—	MILEAGE		N/C
5402	45	Casing Footage		N/C
5407A	94.16	Ton Miles		132.77
5502C	1½ hr	80 BBL Vac Truck.		135.00
1124	40 sks	50/50 Por Mix Cement		460.00
1118B	68#	Premium Gel		14.96
1111	78#	Granulated Salt		30.42
1110A	200#	Kol Seal		92.00
		6.15%	SALES TAX	36.74
			ESTIMATED TOTAL	1791.89

completed

Ravin 3737

AUTHORIZTION [signature] 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.

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 # 263068

Invoice Date: 10/14/2013 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

SETTLEMEYER #2A
42373
SE 14-22-16
10-09-2013
KS

Part Number	Description	Qty	Unit Price	Total
1124	50/50 POZ CEMENT MIX	155.00	11.5000	1782.50
1118B	PREMIUM GEL / BENTONITE	360.00	.2200	79.20
1111	SODIUM CHLORIDE (GRANULA	299.00	.3900	116.61
1110A	KOL SEAL (50# BAG)	775.00	.4600	356.50
4402	2 1/2" RUBBER PLUG	1.00	29.5000	29.50

	Description	Hours	Unit Price	Total
370	80 BBL VACUUM TRUCK (CEMENT)	1.50	90.00	135.00
510	TON MILEAGE DELIVERY	324.34	1.41	457.32
666	CEMENT PUMP	1.00	1085.00	1085.00
666	EQUIPMENT MILEAGE (ONE WAY)	45.00	4.20	189.00
666	CASING FOOTAGE	1105.00	.00	.00

Parts:	2364.31	Freight:	.00	Tax:	145.39 AR	4376.02
Labor:	.00	Misc:	.00	Total:	4376.02	
Sublt:	.00	Supplies:	.00	Change:	.00	

Signed _____ Date _____

CONSOLIDATED
Oil Well Services, LLC

2630068

TICKET NUMBER 42373
LOCATION Ottawa, KS
FOREMAN Casey 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
10/9/13	3244	Settlemeyer #2A	SE 14	22	16	CO

CUSTOMER: Attawista Energy
MAILING ADDRESS: PO Box 128
CITY: Wellsville | STATE: KS | ZIP CODE: 660092

TRUCK #	DRIVER	TRUCK #	DRIVER
481	Casken	✓ Safety Meeting	
666	BarMac	✓	
510	SetTur	✓	
370	JasRic	✓	

JOB TYPE longstring HOLE SIZE 5 7/8" HOLE DEPTH 1121 CASING SIZE & WEIGHT 2 7/8" EUE
CASING DEPTH 1105' DRILL PIPE ~~TUBING~~ baffle - 1075' OTHER
SLURRY WEIGHT SLURRY VOL WATER gal/sk CEMENT LEFT in CASING 30'
DISPLACEMENT 6.22 bbls DISPLACEMENT PSI MIX PSI RATE 6.22 bbls

REMARKS: held safety meeting, established circulation, mixed & pumped 100 # Premium Gel followed by 10 bbls fresh water, mixed & pumped 155 sks 50/50 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 with 6.22 bbls fresh water, pressured to 800 PSI, released pressure, shut in casing.

ACCOUNT CODE	QUANITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE		1085.00
5406	45 mi	MILEAGE		189.00
5402	1105'	casing footage		—
5407A	324.338	ton mileage		457.32
5502C	1.5 hrs	80 Vac		135.00
1124	155 sks	50/50 Pozmix cement		1782.50
1118B	360 #	Premium Gel		79.20
1111	299 #	Salt		116.61
1110A	775 #	Kolseal		356.50
4402	1	2 1/2" rubber plug		29.50
		6.15%	SALES TAX	145.39
			ESTIMATED TOTAL	4376.02

completed

Ravin 3737

AUTHORIZTION Harvey was there 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.