

DRILLERS LOG

API NO: 15 - 031 - 24028 - 00 - 00

OPERATOR: ALTAVISTA ENERGY INC

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

WELL #: 1 - 21

LEASE NAME: MARJORIE CROTTS

FOOTAGE LOCATION: 3135 FEET FROM (N) (S) LINE 3136 FEET FROM (E) (W) LINE

CONTRACTOR: FINNEY DRILLING COMPANY

GEOLOGIST: DOUG EVANS

SPUD DATE: 10/29/2014

TOTAL DEPTH: 1122 P.B.T.D.

DATE COMPLETED: 10/31/2014

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	47.90	OWC	58	SERVICE COMPANY
PRODUCTION:	5.8750	2.8750 8rd	6.50	1098	OWC	133	SERVICE COMPANY

WELL LOG

CORES: #

RECOVERED:

ACTUAL CORING TIME:

RAN: 1 - FLOAT SHOE

1 - BAFFLE F

3 - CENTRALIZERS

1 - CLAMP

FORMATION	TOP	BOTTOM
TOP SOIL	0	3
CLAY	3	27
SAND & GRAVEL	27	44
SHALE	44	229
LIME	229	253
SHALE	253	255
LIME	255	283
SHALE	283	363
LIME	363	380
SHALE	380	384
LIME	384	391
SHALE	391	428
LIME	428	488
SHALE	488	498
LIME	498	503
SHALE	503	524
SHALE & SAND & LIME	524	545
KC LIME	545	604
SHALE	604	608
KC LIME	608	632
SHALE	632	635
KC LIME	635	659
SHALE	659	824
SHALE & LIME	824	841
SAND & SHALE	841	896
LIME	896	900
SAND & SHALE	900	925
LIME	925	928
SAND & SHALE	928	967
LIME	967	971
SHALE	971	980
LIME	980	983
SAND & SHALE	983	1013.5
CAP LIME	1013.5	1014.5
SHALE	1014.5	1017.5
CAP LIME	1017.5	1018.5
SAND & SHALE OIL	1018.5	1019
GOOD SHOW OIL SAND & SHALE	1019	1021
GOOD SHOW OIL SAND & SHALE	1021	1023
GOOD SHOW OIL SAND & SHALE	1023	1025
SAND & SHALE OIL	1025	1027

[illegible]



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 # 272291

Invoice Date: 10/31/2014 Terms: 0/30/10,n/30

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

M. CROTTS I-21
50575
NW14-22-16
10-29-14
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	81.00	.3900	31.59
1110A	KOL SEAL (50# BAG)	200.00	.4600	92.00

Sublet Performed	Description	Total
9996-120	CEMENT MATERIAL DISCOUNT	-179.56

	Description	Hours	Unit Price	Total
495	CEMENT PUMP (SURFACE)	1.00	870.00	870.00
495	EQUIPMENT MILEAGE (ONE WAY)	1.00	.00	.00
495	CASING FOOTAGE	48.00	.00	.00
503	TON MILEAGE DELIVERY	83.70	1.41	118.02
675	80 BBL VACUUM TRUCK (CEMENT)	2.00	100.00	200.00

Amount Due 1823.38 if paid after 11/10/2014

Parts:	598.55	Freight:	.00	Tax:	25.77	AR	1632.78
Labor:	.00	Misc:	.00	Total:	1632.78		
Sublt:	-179.56	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



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

FIELD TICKET & TREATMENT REPORT CEMENT

TICKET NUMBER 50575
LOCATION Ottawa KS
FOREMAN Fred Mader

680
647

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
10-29-14	3244	M Crofts # I-21	NW 14	22	16	CF
CUSTOMER Altavista Energy Inc						
MAILING ADDRESS P.O. Box 128						
CITY Wellsville	STATE KS	ZIP CODE 66092	TRUCK #	DRIVER	TRUCK #	DRIVER
			712	Fye Mad		
			495	Har Bor		
			675	Ki Det		
			503	Trn Har		

JOB TYPE Surface HOLE SIZE 12 1/4" HOLE DEPTH 48' CASING SIZE & WEIGHT 7"
CASING DEPTH 48' DRILL PIPE _____ TUBING _____ OTHER _____
SLURRY WEIGHT _____ SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT in CASING 10'
DISPLACEMENT 1.75 BBL DISPLACEMENT PSI _____ MIX PSI _____ RATE 50 BPM

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

Finney Drilling.

Fred Mader

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401S	1	PUMP CHARGE Surface Cement 495		870.00
5406	-	MILEAGE		N/C
5402	48'	Casing footage		N/C
5407A	83.70	Ton Miles 503		118.03
5502C	2 hrs	80 BBL Vac Truck 675		200.00
1124	40 SKS	50/50 Por Mix Cement	4160.00	
1118B	68#	Premium Gel	1426.00	
1111	81#	Granulated Salt	315.00	
1110A	200#	Kol Seal	92.00	
		Material	598.55	
		less 30%	-179.57	
		Total		418.99
			1823.38	
		6.15%	SALES TAX	25.21
			ESTIMATED TOTAL	1632.78

AUTHORIZATION _____ 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 # 272305

Invoice Date: 10/31/2014 Terms: 0/30/10,n/30

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

M. CROTTS I-21
50552
SW14-22-16
10-31-14
KS

Part Number	Description	Qty	Unit Price	Total
1124	50/50 POZ CEMENT MIX	163.00	11.5000	1874.50
1118B	PREMIUM GEL / BENTONITE	474.00	.2200	104.28
1111	SODIUM CHLORIDE (GRANULA	342.00	.3900	133.38
1110A	KOL SEAL (50# BAG)	815.00	.4600	374.90
4402	2 1/2" RUBBER PLUG	1.00	29.5000	29.50

Sublet Performed	Description	Total
9996-120	CEMENT MATERIAL DISCOUNT	-746.12

Description	Hours	Unit Price	Total
370 MIN. BULK DELIVERY	1.00	480.92	480.92
510 80 BBL VACUUM TRUCK (CEMENT)	2.50	100.00	250.00
666 CEMENT PUMP	1.00	1085.00	1085.00
666 EQUIPMENT MILEAGE (ONE WAY)	45.00	4.20	189.00
666 CASING FOOTAGE	1098.00	.00	.00

Amount Due 4676.24 if paid after 11/10/2014

Parts:	2516.56	Freight:	.00	Tax:	108.87	AR	3884.23
Labor:	.00	Misc:	.00	Total:	3884.23		
Sublt:	-746.12	Supplies:	.00	Change:	.00		

Signed _____ Date _____



CONSOLIDATED
Oil Well Services, LLC

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

272305

TICKET NUMBER 50552
LOCATION Chanute, KS
FOREMAN Casey Kennedy

700
667

FIELD TICKET & TREATMENT REPORT CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
10/31/14	3244	Marjorie Crofts # I-21	SW 14	22	16	CF
CUSTOMER <u>Altavista Energy</u>						
MAILING ADDRESS <u>PO Box 128</u>						
CITY <u>Wellsville</u>	STATE <u>KS</u>	ZIP CODE <u>66092</u>				
			TRUCK #	DRIVER	TRUCK #	DRIVER
			729	CarKen	✓ Safety	Meeting
			6666	KeiCar	✓	
			510	DushWeb	✓	
			370	MikFox	✓	

JOB TYPE longstring HOLE SIZE 5 7/8" HOLE DEPTH 1123' CASING SIZE & WEIGHT 2 7/8" EUE
CASING DEPTH 1098' DRILL PIPE TUBING baffle - 1068' OTHER
SLURRY WEIGHT SLURRY VOL WATER gal/sk CEMENT LEFT in CASING
DISPLACEMENT 6.18 bbl/s DISPLACEMENT PSI MIX PSI RATE 4.5 bpm

REMARKS: held safety meeting, established circulation, mixed & pumped 200 #
Premium Gel followed by 10 bbls fresh water, mixed & pumped 163 sks
950 Pozmix cement w/ 220 gel, 520 salt, + 5 # Kolseal per sk,
cement to surface, flushed pump clean, pumped 2 1/2" rubber plug to casing TD
w/ 6.18 bbls fresh water, pressured to 800 PSI, released pressure, shut in
casing.

1249

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE		1085.00
5406	45 mi	MILEAGE		189.00
5402	1098'	casing footage		
5407	341.078	ton mileage		480.92
5502C	2.5 hrs	80 Vac		250.00
1124	163 sks	50/50 Pozmix cement	1874.50	
1118B	474 #	Premium Gel	104.28	
1111	342 #	Salt	133.38	
1110A	815 #	Kolseal	374.90	
		materials	2487.00	
		-30%	746.12	
		Subtotal		1740.94
4402	1	2 1/2" rubber plug		29.50
			4/16/25	
		6.15%	SALES TAX	108.88
			ESTIMATED TOTAL	3884.24

Ravin 3737

AUTHORIZATION No Co. Rep. on location 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.