

API NO: 15 - 031 - 24027 - 00 - 00

OPERATOR: ALTAVISTA ENERGY INC

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

WELL #: 1 - 20

LEASE NAME: MARJORIE CROTTS

FOOTAGE LOCATION: 3135 FEET FROM (N) (S) LINE 3795 FEET FROM (E) (W) LINE

CONTRACTOR: FINNEY DRILLING COMPANY

SPUD DATE: 10/1/2014

DATE COMPLETED: 10/7/2014

GEOLOGIST: DOUG EVANS

TOTAL DEPTH: 1123 P.B.T.D.

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	42.7	OWC	58	SERVICE COMPANY
PRODUCTION:	5.8750	2.8750 8rd	6.5	1103.93	OWC	131	SERVICE COMPANY

WELL LOG

CORES: # NO CORE

RECOVERED:

ACTUAL CORING TIME:

RAN: 1 - FLOAT SHOE

1 - BAFFLE

3 - CENTRALIZERS

1 - CLAMP

FORMATION	TOP	BOTTOM
TOP SOIL	0	3
CLAY	3	25
SAND & GRAVEL	25	33
LIME	33	35
CLAY SAND	35	41
SHALE	41	230
LIME	230	252
SHALE	252	256
LIME	256	277
SHALE	277	368
LIME	368	380
SHALE	380	383
LIME	383	387
SHALE	387	427
LIME	427	489
SHALE	489	500
LIME	500	504
SHALE	504	524
SHALE SAND & LIME	524	543
KC LIME	543	601
SHALE	601	607
KC LIME	607	631
SHALE	631	636
KC LIME	636	661
BIG SHALE	661	814
LIME	814	823
SAND SHALE & LIME	823	835
LIME	835	844
SAND & SHALE	844	900
LIME	900	905
SAND & SHALE	905	927
LIME	927	931
SAND & SHALE	931	947
LIME	947	953
SAND & SHALE	953	969
LIME	969	970
SHALE	970	972
LIME	972	975
SAND & SHALE	975	984
LIME	984	988
SAND & SHALE	988	1018

[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 # 271767

Invoice Date: 10/15/2014 Terms: 0/0/30,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-20
48288
SW13 17 22 CF
10/1/2014
KS

Part Number	Description	Qty	Unit Price	Total
1124	50/50 POZ CEMENT MIX	30.00	11.5000	345.00
1118B	PREMIUM GEL / BENTONITE	50.00	.2200	11.00
1111	SODIUM CHLORIDE (GRANULA	58.00	.3900	22.62
1110A	KOL SEAL (50# BAG)	150.00	.4600	69.00

Sublet Performed	Description	Total
9996-120	CEMENT MATERIAL DISCOUNT	-134.29

Description	Hours	Unit Price	Total
368 CEMENT PUMP (SURFACE)	1.00	870.00	870.00
368 EQUIPMENT MILEAGE (ONE WAY)	1.00	.00	.00
368 CASING FOOTAGE	42.75	.00	.00
368 TON MILEAGE DELIVERY	62.78	1.41	88.52
368 80 BBL VACUUM TRUCK (CEMENT)	1.00	100.00	100.00

Parts: 447.62 Freight: .00 Tax: 19.27 AR 1391.12
Labor: .00 Misc: .00 Total: 1391.12
Sublt: -134.29 Supplies: .00 Change: .00

Signed _____ Date _____



CONSOLIDATED
Oil Well Services, LLC

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

271767
Sm 46
FT 43

TICKET NUMBER 48288
LOCATION Ottawa
FOREMAN Alan Mader

FIELD TICKET & TREATMENT REPORT
CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
10-1-14	3244	M. Crofts I-20	5413	17	22	CF
CUSTOMER <u>Altavista Energy</u>						
MAILING ADDRESS <u>P.O. Box 128</u>						
CITY <u>Wellsville</u>	STATE <u>KS</u>	ZIP CODE <u>66092</u>				
			TRUCK #	DRIVER	TRUCK #	DRIVER
			730	Alan Mader	Safety	Mret
			368	Ar Mcd		
			369	Mik Hgg		
			558	Brubier		

JOB TYPE Gur HOLE SIZE 12 1/4 HOLE DEPTH 43 CASING SIZE & WEIGHT 7
CASING DEPTH 42.75 DRILL PIPE _____ TUBING _____ OTHER _____
SLURRY WEIGHT _____ SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT in CASING yes
DISPLACEMENT 1.875 DISPLACEMENT PSI 100 MIX PSI 100 RATE 46bpm

REMARKS: Held meeting. Established rate. Mixed & pumped
30 sk 50/50 cement plus 29 gel, 570 salt, 5# hol
seal per back Circulation cement. Displaced casing
with 1 1/8 bbl clean water. Closed valve.

Kurt

Alan Mader

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
34015	1	PUMP CHARGE	368	870.00
5406		MILEAGE	368	
5402	42.75	Casing footage	368	
5402A	62.78	tonn. yes	558	88.52
5302C	1	80 v4c	369	100.00
11241	30	50/50 cement	345.00	
1118B	30 #	gel	11.00	
1111	58 #	salt	22.62	
1116A	150 #	hol seal	69.00	
		material sub	447.62	
		less 30% discount	-134.29	
		material total		313.33
			1505.43	
		SALES TAX		19.27
		ESTIMATED TOTAL		1391.12

Ravin 3737

AUTHORIZATION NO company rep
J.M DKR

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.

1391.12



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 # 271818

Invoice Date: 10/17/2014 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

M. CROTTS
48299
NW14 22 16 CF
10/7/2014
KS

I-20

Part Number	Description	Qty	Unit Price	Total
1124	50/50 POZ CEMENT MIX	155.00	11.5000	1782.50
1118B	PREMIUM GEL / BENTONITE	361.00	.2200	79.42
1111	SODIUM CHLORIDE (GRANULA	313.00	.3900	122.07
1110A	KOL SEAL (50# BAG)	775.00	.4600	356.50
4402	2 1/2" RUBBER PLUG	1.00	29.5000	29.50

Sublet Performed	Description	Total
9996-120	CEMENT MATERIAL DISCOUNT	-702.15

Description	Hours	Unit Price	Total
495 CEMENT PUMP	1.00	1085.00	1085.00
495 EQUIPMENT MILEAGE (ONE WAY)	45.00	4.20	189.00
495 CASING FOOTAGE	1104.00	.00	.00
558 MIN. BULK DELIVERY	324.34	1.41	457.32
675 80 BBL VACUUM TRUCK (CEMENT)	2.00	100.00	200.00

Parts: 2369.99 Freight: .00 Tax: 102.56 AR 3701.72
Labor: .00 Misc: .00 Total: 3701.72
Sublt: -702.15 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



CONSOLIDATED
Oil Well Services, LLC

271818

TICKET NUMBER 48299
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
10-7-14	3244	M. Crofts # I-20	NW 14	22	16	C.F.
CUSTOMER <u>Alta Vista Energy Inc</u>						
MAILING ADDRESS <u>P.O. Box 128</u>						
CITY <u>Wellsville</u>	STATE <u>KS</u>	ZIP CODE <u>66092</u>				
			TRUCK #	DRIVER	TRUCK #	DRIVER
			712	Frc Mader		
			495	Har Bec		
			675	Kel Dat		
			558	Brv Bly		

JOB TYPE Long string HOLE SIZE 5 7/8 HOLE DEPTH 1110' CASING SIZE & WEIGHT 2 1/8 EUE
CASING DEPTH 1104' DRILL PIPE Baffle m TUBING @ 1072 OTHER _____
SLURRY WEIGHT _____ SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT in CASING 31' x Plug
DISPLACEMENT 6.233B DISPLACEMENT PSI _____ MIX PSI _____ RATE 58 BPM

REMARKS: Hold safety mixing. Establish circulation. Mix & Pump 100#
Gal Flush. Mix & Pump 955 sks 50/50 Poz Mix Cement 2% Cel 5%
Salt 5# Kel Seal/sk Cement to surface. Flush pump & lines clean
Displace 2 1/2" Rubber plug to baffle in casing. Pressure to 800# PSI
Release pressure to set float valve. Shut in casing.

Finnex Drilling

Fred Mader

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE	495	1085 ⁰⁰
5406	45 mi	MILEAGE	495	189 ⁰⁰
5402	1104	Casing Footage		N/C
5407	324.34	Ten Miles	558	457 ³²
5502C	2 hrs	80 BBL Vac Truck	675	200 ⁰⁰
1124	155 sks	50/50 Poz Mix Cement	1782 ⁵⁰	
1115B	361 #	Premium Cel	794 ²⁰	
1111	313 #	Granulated Salt	1220 ⁷⁰	
1110A	775 #	Kel Seal	356 ⁰⁰	
		Material	2340.49	
		less 38%	-702 ¹⁵	
		Total		163834
4402	1	2 1/2" Rubber Plug		29 ⁵⁰
			4447.06	
		6.15%	SALES TAX	1025 ⁷⁰
			ESTIMATED TOTAL	370173
				370172

Revin 3737

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.