

DRILLERS LOG

API NO: 15-031-24030-00-00

OPERATOR: ALTAVISTA ENERGY INC

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

WELL #: I-23

LEASE NAME: MARJORIE CROTTS

FOOTAGE LOCATION: 3465 FEET FROM (N) (S) LINE 4125 FEET FROM (E) (W) LINE

CONTRACTOR: FINNEY DRILLING COMPANY

SPUD DATE: 9/25/2014

DATE COMPLETED: 9/29/2014

S. 14	T. 22	R. 16	<u>E.</u>	W.
LOCATION:		<u>SE NE SW NW</u>		
COUNTY:		<u>COFFEY</u>		
ELEV. GR.:		<u>1040</u>		
DF:		KB:		

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	43	OWC	58	SERVICE COMPANY
PRODUCTION:	5.7500	2.8750	6.5	1102.71	OWC		SERVICE COMPANY

WELL LOG

CORES: # NO CORES

RECOVERED:

ACTUAL CORING TIME:

RAN: 1 - FLOAT SHOE

1 - BAFFLE

3 - CENTRALIZERS

1 - CLAMP

FORMATION

TOP BOTTOM

FORMATION	TOP	BOTTOM
TOP SOIL	0	3
CLAY	3	24
SAND & GRAVEL	24	31
LIME	31	34
SHAPE	34	225
LIME	225	247
SHAPE	247	250
LIME	250	272
SHAPE	272	362
LIME	362	378
SHAPE	378	380
LIME	380	386
SHAPE	386	421
LIME	421	484
SHAPE	484	495
LIME	495	500
SHAPE	500	522
SHAPE & LIME	522	540
KC LIME	540	600
SHAPE	600	605
LIME	605	628
SHAPE	628	633
LIME	633	650
BIG SHAPE	650	808
LIME	808	815
SAND SHAPE & LIME	815	819
LIME SAND & SHAPE	819	831
LIME	831	839
SAND & SHAPE	839	895
LIME	895	902
SAND & SHAPE	902	922
LIME	922	926
SAND & SHAPE	926	942
LIME	942	947
SAND & SHAPE	947	967
LIME	967	971
SAND & SHAPE	971	978
LIME	978	980
SAND & SHAPE	980	1013.25
CAP LIME	1013.25	1014.25
SHAPE	1014	1017.5

FORMATION

TOP BOTTOM

FORMATION	TOP	BOTTOM
LIME		
SAND & SHAPE OIL	1017.5	1018.5
SAND & SHAPE OIL	1018.5	1020
SAND & SHAPE OIL	1020	1022
SAND & SHAPE OIL	1022	1024
SAND OIL BEST SHOW	1024	1026
SAND & SHAPE OIL GOOD SHOW	1026	1028
SAND & SHAPE OIL GOOD SHOW	1028	1030
SAND & SHAPE OIL	1030	1031
SAND & SHAPE	1031	1037
LIME	1037	1039
SAND & SHAPE	1039	1073
LIME	1073	1075
SAND & SHAPE	1075	1105
LIME	1105	1107
SAND & SHAPE	1107	1123 T.D.

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CONSOLIDATED
Oil Well Services, LLC

REMIT TO
FINV
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 # 271576

Invoice Date: 09/30/2014 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-23
48260
NW14-22-16
9-25-14
KS

Part Number	Description	Qty	Unit Price	Total
1124	50/50 POZ CEMENT MIX	40.00	11.5000	460.00
1118B	PREMIUM GEL / BENTONITE	67.00	.2200	14.74
1111	SODIUM CHLORIDE (GRANULA	84.00	.3900	32.76
1110A	KOL SEAL (50# BAG)	200.00	.4600	92.00

Sublet Performed	Description	Total
9996-120	CEMENT MATERIAL DISCOUNT	-179.85

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	42.95	.00	.00
515 TON MILEAGE DELIVERY	83.70	1.41	118.02
675 80 BBL VACUUM TRUCK (CEMENT)	1.50	100.00	150.00

Amount Due 1774.39 if paid after 10/10/2014

Parts:	599.50	Freight:	.00	Tax:	25.81	AR	1583.48
Labor:	.00	Misc:	.00	Total:	1583.48		
Sublt:	-179.85	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

271576

TICKET NUMBER 48260

LOCATION Ottawa KS

FOREMAN Fred Maden

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
9-25-14	3244	M. Crofts # I-23	NW 14	J2	16	CF
CUSTOMER <u>Alta Vista Energy Inc</u>			TRUCK #			
MAILING ADDRESS <u>P.O. Box 128</u>			DRIVER		TRUCK #	
CITY <u>Wellsville</u>			DRIVER		TRUCK #	
STATE <u>KS</u>			DRIVER		TRUCK #	
ZIP CODE <u>66092</u>			DRIVER		TRUCK #	

JOB TYPE Surface HOLE SIZE 12 1/4 HOLE DEPTH 43 CASING SIZE & WEIGHT 7"
 CASING DEPTH 42.95 DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT _____ SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT in CASING 10' ±
 DISPLACEMENT 1.7 BBL DISPLACEMENT PSI _____ MIX PSI _____ RATE 5 BPM

REMARKS: Hold crew safety meeting. Establish circulation thru 7" casing. Mix + Pump 0SKs 50/50 Poz Mix Cement 2% Gel 5% Salt 5# Kol Seal/sk. Cement to surface. Displace casing clean w/ 1.75 BBL water. Shut in casing.

Finney Drilling

Fred Maden

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401S	1	PUMP CHARGE Surface Cement	495	820 ⁰⁰ ✓
5406	-	MILEAGE		N/C ✓
5402	42.95	Casing footage		N/C ✓
5407A	83.7	Ten Miles	515	118 ⁰⁰ ✓
5502C	1 1/2 hr	80 BBL Vac Truck	675	150 ⁰⁰ ✓
1124	40 SKS	50/50 Poz Mix Cement	416 ⁰⁰	✓
1118B	67 [#]	Premium Gel	14 ⁷⁴	✓
1118	84 [#]	Granulated Salt	32 ⁷⁶	✓
1110A	260 [#]	Kol Seal	92 ⁰⁰	✓
		Material	599 ⁵⁰	
		Less 30%	-179 ⁸⁵	✓
		Total		419 ⁶⁵
			1989 ³⁹	
			65 ⁰⁰	
		SALES TAX		25 ⁸¹ ✓
		ESTIMATED TOTAL		1583 ⁴⁸ ✓

Ravin 3737

AUTHORIZATION [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
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INVOICE

Invoice # 271503

Invoice Date: 09/30/2014 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-²³~~43~~
48254
NW14-22-16
9-29-14
KS

Part Number	Description	Qty	Unit Price	Total
1124	50/50 POZ CEMENT MIX	130.00	11.5000	1495.00
1118B	PREMIUM GEL / BENTONITE	318.00	.2200	69.96
1111	SODIUM CHLORIDE (GRANULA	251.00	.3900	97.89
1110A	KOL SEAL (50# BAG)	650.00	.4600	299.00
4402	2 1/2" RUBBER PLUG	1.00	29.5000	29.50

Sublet Performed	Description	Total
9996-120	CEMENT MATERIAL DISCOUNT	-588.56

Description	Hours	Unit Price	Total
368 CEMENT PUMP	1.00	1085.00	1085.00
368 EQUIPMENT MILEAGE (ONE WAY)	45.00	4.20	189.00
368 CASING FOOTAGE	1102.71	.00	.00
548 TON MILEAGE DELIVERY	272.03	1.41	383.56
675 80 BBL VACUUM TRUCK (CEMENT)	1.50	100.00	150.00

Amount Due 3921.37 if paid after 10/10/2014

Parts:	1991.35	Freight:	.00	Tax:	86.26	AR	3296.61
Labor:	.00	Misc:	.00	Total:	3296.61		
Sublt:	-588.56	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

271503

TICKET NUMBER 48254
LOCATION Ottawa
FOREMAN Alan Maden

FIELD TICKET & TREATMENT REPORT
CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
9-29-14	3244	M. Crooks I-43	NW 14	22	16	CF
CUSTOMER <u>Alta Vista Energy</u>			TRUCK #			
MAILING ADDRESS <u>P.O. Box 128</u>			DRIVER			
CITY <u>Wellsville</u>			TRUCK #			
STATE <u>KS</u>			DRIVER			
ZIP CODE <u>66092</u>			TRUCK #			
			DRIVER			

JOB TYPE long string HOLE SIZE 5 7/8 HOLE DEPTH 1123.42 CASING SIZE & WEIGHT 2 7/8
 CASING DEPTH 1102.71 DRILL PIPE _____ TUBING _____ OTHER bf 1072.71
 SLURRY WEIGHT _____ SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT IN CASING yes
 DISPLACEMENT 624 DISPLACEMENT PSI 800 MIX PSI 200 RATE 4 bpm

REMARKS: Held meeting. Established rate. Mixed & pumped 100# gel followed by 13D SK 50150 cement plus 2 1/2 gal salt, 5# Kol seal. Circulated cement. Flashed pump. Pumped plug to casing baffle. Well held 800 PSI. Set float. Closed valve

Finney
Alan Maden

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401		PUMP CHARGE	368	1080.00 ✓
5406	45	MILEAGE	368	189.00 ✓
5402	1102.71	casing footage	368	— ✓
5402A	272.03	ton miles	548	383.56 ✓
5502C	1 1/2	80 val	675	150.00 ✓
1124	13D	50150 cement	1495.00 ✓	
1118B	318#	gel	69.96 ✓	
1111	251#	salt	97.89 ✓	
1110A	650#	Kol Seal	299.00 ✓	
		material sub	196.85 ✓	
		less 30%	- 588.56 ✓	
		material total		1373.29 ✓
1402	1	2 1/2 plug		29.50 ✓
				392.38 ✓
				86.27 ✓
				3296.61 ✓

AUTHORIZATION no company rep TITLE _____ DATE _____
Jim O'Kiel

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.