





Form	ACO1 - Well Completion
Operator	Altavista Energy, Inc.
Well Name	HOLTZ A-12
Doc ID	1812776

#### Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement	Number of Sacks Used	Type and Percent Additives
Surface	9.875	7	15	20	Portland	3	NA
Production	5.625	2.875	6.5	571	Econobond	61	See Ticket

**TDR Construction, Inc.**  
**(913) 710-5400**  
**Wellsville, KS**

Well Information			Casing	
HOLTZ A-12			Surface	Production
API#	Sec/Twp/Rge	16/18/24	Size:	7 2 7/8
County:	Commenced Spuding:	10/23/2024	Depth:	20 580
Elevation	949		Cement:	3 sacks
Distance From:	South Line	805	Drill Size:	5 5/8
	East Line	4095	TD	580
Completed Drilling:			Baffle	537.7
			Float	570.5

**WELL LOG**

Thickness of Strata	Formation	Total Depth
0-14	Soil/Clay	14
11	Lime	25
10	Shale	35
34	Lime	69
5	Shale	74
22	Lime	96
4	Shale	100
2	Lime	102
6	Shale	108
4	Lime/Hertha	112
22	Shale	134
12	Sand/Broken/Good Oil Show	146
44	Sandy Shale	190
83	Shale	273
1	Sand/Lime/Grey/White/Coarse/ No oil Show	274
13	Sand	287
37	Shale	324
4	Lime	328
6	Shale	334
7	Lime	341
7	Shale	348
10	Lime	358
13	Shale	371
4	Lime	375
6	Shale	381
7	Sandy Shale	388
25	Lime	413
72	Shale	485
3	Sandy Shale	488
5	Sand/Broken/Ok Oil Show	493
5	Sand/Mostly Solid/Good Oil Show	498
2	Sand/Broken/Little Oil Show	500
5	Sandy Shale	505

[illegible]

# Short Cuts

## TANK CAPACITY

BBLs. (42 gal.) equals  $D^2 \times .14 \times h$

D equals diameter in feet.

h equals height in feet.

## BARRELS PER DAY

Multiply gals. per minute x 34.2

HP equals  $BPH \times PSI \times .0004$

BPH - barrels per hour

PSI - pounds square inch

## TO FIGURE PUMP DRIVES

\* D - Diameter of Pump Sheave

\* d - Diameter of Engine Sheave

SPM - Strokes per minute

RPM - Engine Speed

R - Gear Box Ratio

\*C - Shaft Center Distance

D -  $RPM \times d$  over  $SPM \times R$

d -  $SPM \times R \times D$  over RPM

SPM -  $RPM \times D$  over  $R \times d$

R -  $RPM \times D$  over  $SPM \times d$

BELT LENGTH -  $2C + 1.57(D + d) + \frac{(D-d)^2}{4C}$

\* Need these to figure belt length

TO FIGURE AMPS:  $\frac{WATTS}{VOLTS} = AMPS$

746 WATTS equal 1 HP

# Log Book

Well No. A-12

Farm Holtz

KS

(State)

Miami

(County)

16

(Section)

18

(Township)

24

(Range)

For Altavista Energy, Inc

(Well Owner)

## Town Oilfield Services, Inc.

1207 N. 1st East

Louisburg, KS 66053

913-710-5400

2" Set \_\_\_\_\_ 2" Pulled \_\_\_\_\_

A-12

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413

[illegible]



Remit To: Hurricane Services, Inc.  
250 N. Water, Suite 200  
Wichita, KS 67202  
316-303-9515

Customer:  
ALTAVISTA ENERGY INC  
PO BOX 128  
WELLSVILLE, KS 66092-0128

Invoice Date: 10/24/2024  
Invoice #: 0379915  
Lease Name: Holtz  
Well #: A-12 (New)  
County: Miami, Ks  
Job Number: EP15316  
District: East

Date/Description	HRS/QTY	Rate	Total
Longstring	0.000	0.000	0.00
Cement Pump Service	1.000	750.000	750.00
Heavy Eq Mileage	36.000	4.000	144.00
Light Eq Mileage	36.000	2.000	72.00
Ton Mileage-Minimum	1.000	300.000	300.00
Vacuum Truck-80bbl	3.000	100.000	300.00
Econobond	61.000	20.000	1,220.00
Pheno Seal	61.000	1.750	106.75
Mud flush	50.000	1.000	50.00
Bentonite Gel	100.000	0.450	45.00
Fresh water	3,360.000	0.020	67.20
2 7/8" Rubber Plug	1.000	40.000	40.00

**Total** 3,094.95

**TERMS:** Net 30 days. Interest may be charged on past due invoice at rate of 1 ½% per month or maximum allowed by applicable state or federal laws. HSI has right to revoke any discounts applied in arriving at net invoice price if invoice is past due. If revoked, full invoice price without discount plus additional sales tax, as applicable, is due immediately and subject to interest charges. Customer agrees to pay all collection costs directly or indirectly incurred by HSI in the event HSI engages a third party to pursue collection of past due invoice.

**SALES TAX:** Services performed on oil, gas and water wells in Kansas are subject to sales tax, with certain exceptions. HSI relies on the well information provided by the customer in identifying whether the services performed on wells qualify for exemption.

**WE APPRECIATE YOUR BUSINESS!**

**TERMS:** Cash in advance unless Hurricane Services Inc. (HSI) has approved credit prior to sale. Credit terms of sale for approved accounts are total invoice due on or before the 30th day from the date of invoice. Past due accounts shall pay interest on the balance past due at the rate of 1 1/2 % per month or the maximum allowable by applicable state or federal laws. In the event it is necessary to employ an agency and/or attorney to affect the collection, Customer hereby agrees to pay all fees directly or indirectly incurred for such collection. In the event that Customer's account with HSI becomes delinquent, HSI has the right to revoke any discounts previously applied in arriving at net invoice price. Upon revocation, the full invoice price without discount is immediately due and subject to collection. Prices quoted are estimates only and are good for 30 days from the date of issue. Pricing does not include federal, state, or local taxes, or royalties and stated price adjustments. Actual charges may vary depending upon time, equipment, and material ultimately required to perform these services. Any discount is based on 30 days net payment terms or cash. **DISCLAIMER NOTICE:** Technical data is presented in good faith, but no warranty is stated or implied. HSI assumes no liability for advice or recommendations made concerning the results from the use of any product or service. The information presented is a best estimate of the actual results that may be achieved and should be used for comparison purposes and HSI makes no guarantee of future production performance. Customer represents and warrants that well and all associated equipment in acceptable condition to receive services by HSI. Likewise, the customer guarantees proper operational care of all customer owned equipment and property while HSI is on location performing services. The authorization below acknowledges the receipt and acceptance of all terms/conditions stated above, and Hurricane has been provided accurate well information in determining taxable services.

ftv: 15-2021/01/25  
mplv: 473-2024/10/23

