KOLAR Document ID: 1812776

Confidentiality Requested:

Yes No

## Kansas Corporation Commission Oil & Gas Conservation Division

Form ACO-1
January 2018
Form must be Typed
Form must be Signed
All blanks must be Filled

# WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License #	API No.:					
Name:	Spot Description:					
Address 1:	SecTwpS. R					
Address 2:	Feet from North / South Line of Section					
City: State: Zip:+	Feet from _ East / _ West Line of Section					
Contact Person:	Footages Calculated from Nearest Outside Section Corner:					
Phone: ()	□NE □NW □SE □SW					
CONTRACTOR: License #	GPS Location: Lat:, Long:					
Name:	(e.g. xx.xxxxx) (e.gxxx.xxxxx)					
Wellsite Geologist:	Datum: NAD27 NAD83 WGS84					
Purchaser:	County:					
Designate Type of Completion:	Lease Name: Well #:					
New Well Re-Entry Workover	Field Name:					
□ Oil □ WSW □ SWD	Producing Formation:					
Gas DH EOR	Elevation: Ground: Kelly Bushing:					
☐ OG ☐ GSW	Total Vertical Depth: Plug Back Total Depth:					
CM (Coal Bed Methane)	Amount of Surface Pipe Set and Cemented at: Feet					
Cathodic Other (Core, Expl., etc.):	Multiple Stage Cementing Collar Used? Yes No					
If Workover/Re-entry: Old Well Info as follows:	If yes, show depth set: Feet					
Operator:	If Alternate II completion, cement circulated from:					
Well Name:	feet depth to:w/sx cmt.					
Original Comp. Date: Original Total Depth:						
☐ Deepening ☐ Re-perf. ☐ Conv. to EOR ☐ Conv. to SWD	Drilling Fluid Management Plan					
Plug Back Liner Conv. to GSW Conv. to Producer	(Data must be collected from the Reserve Pit)					
Committed at Provider	Chloride content: ppm Fluid volume: bbls					
☐ Commingled     Permit #:	Dewatering method used:					
SWD Permit #:	Location of fluid disposal if hauled offsite:					
EOR Permit #:	Location of fluid disposal if fladied offsite.					
GSW Permit #:	Operator Name:					
<u> </u>	Lease Name: License #:					
Spud Date or Date Reached TD Completion Date or	QuarterSecTwpS. R East West					
Recompletion Date Recompletion Date	County: Permit #:					

#### **AFFIDAVIT**

I am the affiant and I hereby certify that all requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

**Submitted Electronically** 

KCC Office Use ONLY							
Confidentiality Requested							
Date:							
Confidential Release Date:							
Wireline Log Received Drill Stem Tests Received							
Geologist Report / Mud Logs Received							
UIC Distribution							
ALT I II Approved by: Date:							

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#### Page Two

Operator Name: _				Lease Name:			Well #:	
Sec Twp.	S. R.	E	ast West	County:				
	flowing and shu	ut-in pressures, v	vhether shut-in pre	ssure reached st	atic level, hydrosta	tic pressures, bot		val tested, time tool erature, fluid recovery,
Final Radioactivity files must be subm						iled to kcc-well-lo	gs@kcc.ks.gov	v. Digital electronic log
Drill Stem Tests Taken Yes No. (Attach Additional Sheets)						on (Top), Depth ar		Sample
Samples Sent to 0	Geological Surv	/ey	Yes No	Na	me		Тор	Datum
Cores Taken Electric Log Run Geologist Report / List All E. Logs Ru	_		Yes No Yes No Yes No					
		B	CASING eport all strings set-c		New Used	ion, etc.		
Purpose of Strir		Hole illed	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
			ADDITIONAL	CEMENTING / SO	UEEZE RECORD			
Purpose:		epth T Bottom	ype of Cement	# Sacks Used	ed Type and Percent Additives			
Perforate Protect Casi Plug Back T								
Plug Off Zor								
Did you perform a     Does the volume     Was the hydraulic	of the total base f	fluid of the hydrauli		_	=	No (If No, sk	ip questions 2 an ip question 3) out Page Three	,
Date of first Product Injection:	tion/Injection or R	esumed Production	Producing Meth	nod:	Gas Lift 0	Other (Explain)		
Estimated Production Per 24 Hours	on	Oil Bbls.		Mcf Water Bbls. Gas-Oil Ratio			Gravity	
DISPOS	SITION OF GAS:		N	METHOD OF COMP	LETION:			DN INTERVAL: Bottom
	Sold Used	I on Lease	Open Hole			mmingled mit ACO-4)	Тор	BOROTT
,	,			B.11 B1				
Shots Per Foot	Perforation Top	Perforation Bottom	n Bridge Plug Bridge Plug Acid, Fracture, Shot, Cementing Squeeze Record Type Set At (Amount and Kind of Material Used)				Record	
TUBING RECORD:	: Size:	Set	Δ+-	Packer At:				
TODING RECORD:	. 3126.	Set	n.	i donei Al.				

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		Type and Percent Additives
Surface	9.875	7	15	20	Portland	3	NA
Production	5.625	2.875	6.5	571	Econobon d	61	See Ticket

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

Well Information					Casi	ng	
	HOLTZ A-12				Suface	F	Production
				Size:		7	2 7/8
API#		Sec/Twp/Rge	16/18/24	Depth:		20	580
County:		Commenced Spuding:	10/23/2024	Cement:	3 sacks		
Elevation	949			Drill Size:			5 5/8
Distance From:	South Line	805	ı	TD		58	30
	East Line	4095		Baffle		537	7.7
Completed Drilling	j:	•		Float		570	0.5

#### WELLING

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	
37	Shale	324
4	Lime	
6	Shale	
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

75	Shale/TD	580
	-	
		-

# **Short Cuts**

TANK CAPACITY

BBLS. (42 gal.) equals D2x.14xh D equals diameter in feet. h equals height in feet.

**BARRELS PER DAY** Multiply gals. per minute x 34.2

HP equals BPH x PSI x .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 - RPMxd over SPMxR

d - SPMxRxD over RPM

SPM - RPMXD over RxD

R - RPMXD over SPMxD

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

\* Need these to figure belt length

WATTS = AMPS

TO FIGURE AMPS:

746 WATTS equal 1 HP

# Log Book

Well No	1-12				
( )	١ ا				
Farm C	1+2				
45	M	iumi			
(State)		(County)			
16	18	24			
(Section)	(Township)	(Range)			
For Altavista Energy, Inc. (Well Owner)					
(Well Owner)					

# **Town Oilfield** Services, Inc.

1207 N. 1st East Louisburg, KS 66053 913-710-5400

Holtz Farm: Miami County  KS State; Well No. A-12	ÇA.	SING AN	ID TUBING	MEASL	JREMENTS	
State; Well No. A-12	Feet	ln.	Feet	ln.	Feet	In.
Elevation 949 ft.	. 537.7	Bal	Fle			
Commenced Spuding Oct 2320 24	<u>.                                    </u>					
Finished Driffing Cot 20 24	570.5	Flo	at			
Finished Drilling Oct. 24  Driller's Name IZyan Ward						
Driller's Name	580 T	D-				
Driller's Name				<del></del>		
Tool Dresser's Name Nathan Seaman	<del></del>					
Tool Dresser's Name				<del>  </del>		
Tool Dresser's Name		-	<del>-</del> -	+		
Contractor's Name TDR Construction		╟	·			
16 18 24			<del></del>			·
(Section) (Township) (Range)						
Distance from line, ft.						
Distance from E line, 4095 ft.						
3 sacks cement						
5-5/8" Bore hole						
2-7/8" Cusing		<u> </u>				
9 hrs						
CASING AND TUBING			<del> </del>	<del>                                     </del>		
RECORD						
10" Set 10" Pulled	,			<del>   </del> -		
8" Set 8" Pulled						
	•					
4" Set 4" Pulled		ha			· · · · · · · · · · · · · · · · · · ·	
2" Set 2" Pulled			-1-			

		61-1	
	· /-	.) 	3
Thickness of Strata	Formation	Total Depth	Remarks
0-14	Soil/Clay	14	
/1	Line	95	
10	Shale	35	
34		69	
<u>34</u> 5	Shale	74	
22	Li,me	960	
4	Shale	100	
8	Line	102	
6	Shale	108	
4	Line	112	Hertha
22	Shall	134	
12	Sand	146	Broken, God Oil Show
44	Sandy Shale	190	
83	Shale	273	
	Sand/Lime	274	Gray/White, Coase, No oilshow
13	Suri	287 _	
-37	Shale	プロリ	
4	Cinc	フマ8	·
6	Shale	334	
7	Line	341	
7	Shake	348	
10	Line	<i>5</i> 58	
13	Shall	371 375	
4	Line	375	
6	Shale	781	
7	Shale Sandy Shele	-388	
25	Line	413_	

-3-

A-12

	Cime	413	•
Thickness of Strata	Formation	Total Depth	Remarks
Strata 72	Shale	485	
3 5 5 2 5 75	Sandy Shale	488	
5			Broken Ok oil show
5	Sund	498	Mostly Selid Good cilshow
2	Sund	500	Broken. Little oil show
5	Sincy Shake Shake	505	
75	Shale	580	TD
		ļ	
		<u> </u>	
		<u> </u>	
		<u> </u>	
	-4-		<del>-</del> 5-



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.

<u>SALES TAX:</u> 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.



Customer	Altavista Energy		Lease & Well #	Holtz A-12				Date	10/	/24/2024
Service District	Garnett		County & State MI, KS		Legals S/T/R	16-18-24		Job#		
Job Type	Longstring	✓ PROD	INJ	SWD	New Well?	✓ YES	No	Ticket #	EI	P15316
Equipment #	Driver			Job Safety An	alysis - A Discuss	ion of Hazards	& Safety Pro	cedures		
931	Casey Kennedy	✓ Hard hat		✓ Gloves		Lockout/Ta	gout	Warning Sign	ns & Flagging	
207	Wes Callahan	✓ H2S Monitor		✓ Eye Protection		Required Po	ermits	Fall Protection	n	
246	Landon Wessling	✓ Safety Footwe	ear	Respiratory Pro	otection	✓ Slip/Trip/Fa	ll Hazards	✓ Specific Job	Sequence/Exp	ectations
110	Sam Billquist	✓ FRC/Protective	e Clothing	Additional Che	mical/Acid PPE	Overhead H	lazards	✓ Muster Point	/Medical Loca	ations
		✓ Hearing Prote	ction	✓ Fire Extinguish		Additional	,			
					Con	nments				
		_								
		1								
Duradiust/ Osmiss										
Product/ Service Code		Descr	iption		Unit of Measure	Quantity				Net Amount
C010	Cement Pump Serv	rice			ea	1.00				\$750.00
M010	Heavy Equipment M	/lileage			mi	36.00				\$144.00
M015	Light Equipment Mil	leage			mi	36.00				\$72.00
M025	Ton Mileage - Minin	num			each	1.00				\$300.00
T010	Vacuum Truck - 80	bbl			hr	3.00				\$300.00
CP049	EconoBond				sack	61.00				\$1,220.00
CP125	Pheno Seal				lb	61.00				\$106.75
CP170	Mud Flush				gal	50.00				\$50.00
CP095	Bentonite Gel				lb .	100.00				\$45.00
AF080	Fresh Water				gal	3,360.00	-		-	\$67.20
FE025	2 7/8" Rubber Plug				ea	1.00				\$40.00
									-	
Custo	omer Section: On th	ne following scale ho	ow would you rate h	Hurricane Services	Inc.?				Net:	\$3,094.95
						Total Taxable	\$ -	Tax Rate:		$\geq \leq$
		w likely is it you w	vould recommend		remely Likely	used on new well	s to be sales to es relies on the bove to make	customer provided a determination if	Sale Tax:	\$ -
						HSI Represe		•	Total:  Y Ken	* 3,094.95 enedy
	ance unless Hurricane							n or before the 30th	day from the da	ate of invoice. Past
•	y interest on the baland Customer hereby agrees	•	•		,			, ,	, , ,	,

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 ½% 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 servi

CUSTOMER AUTHORIZATION SIGNATUR

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



CEMENT TREATMENT REPORT											
Cust	tomer:	Altavist	a Energ	ıy	Well:	Holtz A-12			Ticket:	EP15316	
City, State: Wellsville, KS					County:	MI, KS			Date:	10/24/2024	
Field Rep: Doug Evans			S-T-R:		16-18-24			Longstring			
Dow	mbolo I	Informatio	on	1							
Downhole Information			Calculated Slurry - Lead				Calculated Slurry - Tail				
Hole Size: 5 5/8 in Hole Depth: 580 ft				Blend:	13.61	ond 1# PS	Blend:				
	g Size:	2 7/8			Weight: Water / Sx:			Weight: Water / Sx:	ppg		
Casing I					water / 5x: Yield:		gal / sk		water / 5x: Yield:	gal / sk ft³ / sk	
Tubing /		370.3	in		Annular Bbls / Ft.:	1.50	bbs / ft.		Annular Bbls / Ft.:	bbs / ft.	
	Depth:		ft		-		ft ft			ft	
Tool / P		baf			Depth: Annular Volume:	0.0			Depth: Annular Volume:	0 bbls	
	Depth:				Excess:	0.0	0.0 bbls		Excess:	U DDIS	
Displace		-	bbls		Total Slurry:				Total Slurry:	0.0 bbls	
			STAGE	TOTAL	Total Sacks:		sks			0 sks	
TIME	RATE	PSI	BBLs	BBLs	REMARKS				Total Sacks:		
12:30 PM	1		_	_	on location, held safet	y meeting					
				-							
				-	waited for rig to land c	asing and w	veld in braden he	ad			
				-							
	4.0			-	established circulation	1					
	4.0			-	mixed and pumped 1/2	gal polyme	r and circulated	to conditio	on hole		
	4.0			-	mixed and pumped 100# Bentonite Gel followed by 4 bbls fresh water						
	4.0			-	mixed and pumped 61	sks Econob	ond cement w/ 1	I# PS per s	k, cement to surface		
	4.0			-	flushed pump clean						
	1.0			-	pumped 2 7/8" rubber	plug to baffl	le w/ 3.11 bbls fro	esh water			
	1.0			-	pressured to 900 PSI,	shut in annu	ılus, well held pr	essure			
				-	released pressure to s	et float valve	e, float held				
	4.0			-	washed up equipment						
				-							
1:45 PM	<u>'</u>			-	left location						
	+			-							
	+			-							
	1			-							
	1			_							
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				-							
	CREW UNIT SUMMARY								Y		
Cer	menter:	Case	ey Kenne	dy	931		Average I	Rate	Average Pressure	Total Fluid	
Pump Op	Pump Operator: Wes Callahan			207		3.3 bp	om	- psi	- bbls		
Bulk: Landon Wessling			246								
H2O: Sam Billquist		110									

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