

Confidentiality Requested:

☐ Yes ☒ NoKANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1

November 2016

Form must be Typed
Form must be Signed
All blanks must be FilledWELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 34350
 Name: Altavista Energy, Inc.
 Address 1: 4595 K-33 HIGHWAY
 Address 2: PO BOX 128
 City: WELLSVILLE State: KS Zip: 66092 + _____
 Contact Person: Phil Frick
 Phone: (785) 883-4057
 CONTRACTOR: License # 33715
 Name: Town Oilfield Service
 Wellsite Geologist: None
 Purchaser: _____

Designate Type of Completion:

☒ New Well ☐ Re-Entry ☐ Workover

☒ Oil ☐ WSW ☐ SWD
☐ Gas ☐ DH ☐ EOR
☐ OG ☐ GSW
☐ CM (Coal Bed Methane)
☐ Cathodic ☐ Other (Core, Expl., etc.): _____

If Workover/Re-entry: Old Well Info as follows:

Operator: _____

Well Name: _____

Original Comp. Date: _____ Original Total Depth: _____

☐ Deepening ☐ Re-perf. ☐ Conv. to EOR ☐ Conv. to SWD
☐ Plug Back ☐ Liner ☐ Conv. to GSW ☐ Conv. to Producer

☐ Commingled Permit #: _____
☐ Dual Completion Permit #: _____
☐ SWD Permit #: _____
☐ EOR Permit #: _____
☐ GSW Permit #: _____

9/11/2017 9/13/2017 9/13/2017
 Spud Date or Date Reached TD Completion Date or
 Recompletion Date Recompletion Date

API No.: 15-121-31380-00-00

Spot Description: _____

NW SE SW-NW Sec. 16 Twp. 18 S. R. 24 ☒ East ☐ West
3050 Feet from ☐ North / ☒ South Line of Section
4550 Feet from ☒ East / ☐ West Line of Section

Footages Calculated from Nearest Outside Section Corner:

☐ NE ☐ NW ☒ SE ☐ SWGPS Location: Lat: _____, Long: _____
(e.g. xx.xxxxx) (e.g. -xxx.xxxxx)Datum: ☐ NAD27 ☐ NAD83 ☐ WGS84County: MiamiLease Name: KNOCHE Well #: A-25Field Name: BLOCKProducing Formation: SquirrelElevation: Ground: 905 Kelly Bushing: 908Total Vertical Depth: 540 Plug Back Total Depth: 486Amount of Surface Pipe Set and Cemented at: 20 FeetMultiple Stage Cementing Collar Used? ☐ Yes ☒ No

If yes, show depth set: _____ Feet

If Alternate II completion, cement circulated from: 518feet depth to: 0 w/ 67 sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: 0 ppm Fluid volume: 25 bblsDewatering method used: Evaporated

Location of fluid disposal if hauled offsite:

Operator Name: _____

Lease Name: _____ License #: _____

Quarter _____ Sec. _____ Twp. _____ S. R. _____ ☐ East ☐ West

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 DistributionALT ☐ I ☒ II ☐ III Approved by: Karen Ritter Date: 12/27/2017

Operator Name: Altavista Energy, Inc. Lease Name: KNOCHE Well #: A-25
 Sec. 16 Twp. 18 S. R. 24 ☒ East ☐ West County: Miami

INSTRUCTIONS: Show important tops of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

Drill Stem Tests Taken (Attach Additional Sheets)	☐ Yes ☒ No	☒ Log	Formation (Top), Depth and Datum	☐ Sample
Samples Sent to Geological Survey	☐ Yes ☒ No	Name Squirrel	Top 458	Datum +447
TCores aken	☒ Yes ☐ No			
Electric Log Run	☐ Yes ☒ No			
Geologist Report / Mud Logs	☐ Yes ☒ No			
List All E. Logs Run:				

CASING RECORD ☒ New ☐ Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
Surface	9.875	7	17	20	Portland	3	NA
Production	5.625	2.875	6.5	518	50/50 Poz	67	See Ticket

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
☐ Perforate				
☐ Protect Casing	-			
☐ Plug Back TD				
☐ Plug Off Zone	-			

1. Did you perform a hydraulic fracturing treatment on this well? ☐ Yes ☒ No (If No, skip questions 2 and 3)
2. Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? ☐ Yes ☐ No (If No, skip question 3)
3. Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry? ☐ Yes ☐ No (If No, fill out Page Three of the ACO-1)

Date of first Production/Injection or Resumed Production/Injection:		Producing Method: ☐ Flowing ☐ Pumping ☐ Gas Lift ☐ Other (Explain) _____			
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

DISPOSITION OF GAS:	METHOD OF COMPLETION:	PRODUCTION INTERVAL:
☐ Vented ☐ Sold ☐ Used on Lease (If vented, Submit ACO-18.)	☐ Open Hole ☐ Perf. ☐ Dually Comp. (Submit ACO-5) ☐ Commingled (Submit ACO-4)	Top Bottom

Shots Per Foot	Perforation Top	Perforation Bottom	Bridge Plug Type	Bridge Plug Set At	Acid, Fracture, Shot, Cementing Squeeze Record (Amount and Kind of Material Used)
TUBING RECORD: Size: Set At: Packer At:					

Form	ACO1 - Well Completion
Operator	Altavista Energy, Inc.
Well Name	KNOCHE A-25
Doc ID	1377399

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	17	20	Portland	3	NA
Production	5.625	2.875	6.5	518	50/50 Poz	67	See Ticket

Miami County, KS
 Well: Knoche A-25
 Lease Owner: AltaVista

Town Oilfield Service, Inc.
 (913) 294-2125

Commenced Spudding:
 9/11/17

WELL LOG

Thickness of Strata	Formation	Total Depth
0-10	Soil-Clay	10
7	Lime	17
3	Shale	20
21	Lime	41
9	Shale	50
22	Lime	72
4	Shale	76
2	Lime	78
5	Shale	83
5	Lime	88
23	Shale	111
8	Sand	119
13	Sandy Shale	132
117	Shale	249
8	Sandy Lime	257
41	Shale	298
5	Lime	303
7	Shale	310
4	Lime	314
8	Shale	322
8	Lime	330
15	Shale	345
5	Lime	350
10	Shale	360
24	Lime	384
6	Shale	390
3	Lime	393
9	Shale	402
3	Lime	405
27	Shale	432
6	Sandy Shale	438
19	Shale	457
1	Sandy Shale	458
18	Core	476
10	Sandy Shale	486
54	Shale	540-TD

[illegible]

Short Cuts

TANK CAPACITY

BBL.S. (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-25

Farm Knocke

KS Miami
(State) (County)

16 18 24
(Section) (Township) (Range)

For Altavesta Energy
(Well Owner)

Town Oilfield Services, Inc.

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

Knoche Farm: M. 24 County

State; Well No. A-25

Elevation 905

Commenced Spuding 9-11 2017

Finished Drilling 9-13 20' 7"

Driller's Name Wesley Dollard

Driller's Name _____

Driller's Name _____

Tool Dresser's Name Drape William

Tool Dresser's Name _____

Tool Dresser's Name _____

Contractor's Name TOS

16 18 24
(Section) (Township) (Range)

Distance from 5 line, 3050 ft.

Distance from E line, 4550 ft.

3 sacks 2 7/8 casing
10 hrs

1002

578 bare help

CASING AND TUBING RECORD

10" Set _____ 10" Pulled _____

8" Set _____ 8" Pulled _____

7 5/8" Set 20 6 1/4" Pulled

4" Set _____ 4" Pulled _____

2" Set _____ 2" Pulled _____

CASING AND TUBING MEASUREMENTS

[illegible]

Thickness of Strata	Formation	Total Depth	Remarks
0-10	Soil-clay	10	
7	Lime	17	
3	Shale	20	
21	Lime	41	
9	Shale	50	
22	Lime	72	
4	Shale	76	
2	Lime	78	
5	Shale	83	
5	Lime	88	Heather
23	Shale	111	
8	Sand	119	broken - good oil show
13	Sandy Shale	132	
117	Shale	249	
8	sandy Lime	257	white - no oil
41	Shale	298	254 - red bed
5	Lime	303	
7	Shale	310	
4	Lime	314	
8	Shale	322	
8	Lime	330	
15	Shale	345	
5	Lime	350	
10	Shale	360	
24	Lime	384	
6	Shale	390	
3	Lime	393	

393

Thickness of Strata	Formation	Total Depth	Remarks
9	Shale	402	
3	Lime	405	
27	Shale	432	
6	sandy shale	438	odor - no show
19	Shale	457	
1	sandy shale	458	odor
18	coal	476	
		458	
7	sand	465	gas - not much oil
11	sandy shale	476	no oil
		476	
10	sandy shale	486	
54	Shale	540	TD



REMIT TO
QES Pressure Pumping LLC
Dept:970
P.O.Box 4346
Houston,TX 77210-4346

MAIN OFFICE
P.O.Box884
Chanute,KS 66720
620/431-9210,1-800/467-8676
Fax 620/431-0012

Invoice

Invoice#

811253

Invoice Date: 09/14/17

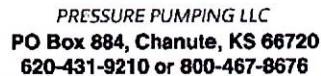
Terms: Net 30

Page 1

ALTAVISTA ENERGY INC
PO BOX 128
WELLSVILLE KS 66092
USA
7858834057

KNOCHE #A-25

Part No	Description	Quantity	Unit Price	Discount(%)	Total
CE0450	Cement Pump Charge 0 - 1500'	1.000	1,500.0000	55.000	675.00
CE0002	Equipment Mileage Charge - Heavy Equipment	30.000	7.1500	55.000	96.53
CE0711	Minimum Cement Delivery Charge	1.000	660.0000	55.000	297.00
WE0853	80 BBL Vacuum Truck (Cement Services)	2.000	100.0000	55.000	90.00
CC5840	Poz-Blend I A (50:50)	67.000	13.5000	55.000	407.03
CC5965	Bentonite	213.000	0.3000	55.000	28.76
CC5326	Sodium Chloride, Salt	140.000	1.0000	55.000	63.00
CC6077	Kolseal	335.000	0.5000	55.000	75.38
CP8176	2 7/8" Top Rubber Plug	1.000	45.0000	55.000	20.25
Subtotal					3,895.40
Discounted Amount					2,142.47
SubTotal After Discount					1,752.93
Amount Due 4,001.07 If paid after 10/14/17					
Tax:					47.56
Total:					1,800.51



Knoche

FOREMAN Fred Mader

Invoice # 811253

REMARKS: Hold Safety meeting. Establish pump rate. Mix & Pump
100# Gel Flush. Mix & Pump 67 sks for Bleed 1A Cement
270 Gel 5% salt 5# Hal Seal/sk. Cement to surface. Flush
pump & lines clean. Displace 2 1/2" Rubber plug to casing T.D. - Baffle
pressure to 700# PSI. Release pressure to set Float Valve.
Shut in Casing.

TOS Drilling

Fred Mader

[illegible]

Bayin 3737

AUTHORIZATION _____ TITLE _____ DATE 400 07

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