

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 # \_\_\_\_\_

Name: \_\_\_\_\_

Address 1: \_\_\_\_\_

Address 2: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_ + \_\_\_\_\_

Contact Person: \_\_\_\_\_

Phone: ( \_\_\_\_\_ ) \_\_\_\_\_

CONTRACTOR: License # \_\_\_\_\_

Name: \_\_\_\_\_

Wellsite Geologist: \_\_\_\_\_

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 #: \_\_\_\_\_

Spud Date or Date Reached TD Completion Date or Recompletion Date

API No.: \_\_\_\_\_

Spot Description: \_\_\_\_\_

\_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West

\_\_\_\_\_ Feet from  North /  South Line of Section

\_\_\_\_\_ Feet from  East /  West Line of Section

Footages Calculated from Nearest Outside Section Corner:

NE  NW  SE  SW

GPS Location: Lat: \_\_\_\_\_, Long: \_\_\_\_\_  
(e.g. xx.xxxxx) (e.g. -xxx.xxxxx)

Datum:  NAD27  NAD83  WGS84

County: \_\_\_\_\_

Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Field Name: \_\_\_\_\_

Producing Formation: \_\_\_\_\_

Elevation: Ground: \_\_\_\_\_ Kelly Bushing: \_\_\_\_\_

Total Vertical Depth: \_\_\_\_\_ Plug Back Total Depth: \_\_\_\_\_

Amount of Surface Pipe Set and Cemented at: \_\_\_\_\_ Feet

Multiple Stage Cementing Collar Used?  Yes  No

If yes, show depth set: \_\_\_\_\_ Feet

If Alternate II completion, cement circulated from: \_\_\_\_\_

feet depth to: \_\_\_\_\_ w/ \_\_\_\_\_ sx cmt.

**Drilling Fluid Management Plan**

*(Data must be collected from the Reserve Pit)*

Chloride content: \_\_\_\_\_ ppm Fluid volume: \_\_\_\_\_ bbls

Dewatering method used: \_\_\_\_\_

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 Distribution

ALT  I  II  III Approved by: \_\_\_\_\_ Date: \_\_\_\_\_

Operator Name: \_\_\_\_\_ Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West County: \_\_\_\_\_

**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 <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i>  Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No  Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No Geologist Report / Mud Logs <input type="checkbox"/> Yes <input type="checkbox"/> No  List All E. Logs Run:	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample  Name Top Datum
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CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> 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

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> 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: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____				
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5) (Submit ACO-4)</i>	PRODUCTION INTERVAL: Top Bottom
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Shots Per Foot	Perforation Top	Perforation Bottom	Bridge Plug Type	Bridge Plug Set At	Acid, Fracture, Shot, Cementing Squeeze Record <i>(Amount and Kind of Material Used)</i>

TUBING RECORD:	Size:	Set At:	Packer At:	
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Miami County, KS  
 Well: A-1  
 Lease Owner: Roberta

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

Commenced Spudding:

WELL LOG

Thickness of Strata	Formation	Total Depth
0-4	Soil/Clay	4
10	Lime	14
24	Shale	38
4	Lime	42
41	Hale	83
13	Lime	97
10	Shale	107
11	Lime	118
2	Shale	120
17	Lime	137
6	Shale	143
24	Lime	167
4	Shale	171
12	Lime/Hertha	183
165	Shale	348
15	Lime	363
3	Shale	366
7	Sand/Very Slight oil Show	373
11	SandyShale	384
25	Shale	409
9	Lime	418
11	Shale	429
4	Lime	433
16	Shale	449
11	Lime	460
16	Shale	476
3	Lime	479
4	Shale	483
7	Lime/Slight Oil Show	490
7	Shale	497
1	Sand/Odor/Little Oil Show	498
7	Sand/Broken/Good Oil Show	505
3	Sand/Broken/Ok Oil Show	508
29	Sandy Shale	537
59	Shale	596
2	Lime	598
2	Shale/TD	600

# Short Cuts

## TANK CAPACITY

BBLS. (42 gal.) equals  $D^2 \times 14xh$

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 -  $RPM \times d$  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-1

Farm Roberta

KS Miami  
(State) (County)

13 18 21  
(Section) (Township) (Range)

For Altavista Energy Inc.  
(Well Owner)

## Town Oilfield Services, Inc.

1207 N. 1st East

Louisburg, KS 66053

913-710-5400



Thickness of Strata	Formation	Total Depth	Remarks
0-4	Soil/Clay	4	
10	Lime	14	
24	Shale	38	
4	Lime	42	
41	Shale	83	
13	Lime	97	
10	Shale	107	
11	Lime	118	
2	Shale	120	
17	Lime	137	
6	Shale	143	
24	Lime	167	
4	Shale	171	
12	Lime	183	Hertha
165	Shale	348	
15	Lime	363	
3	Shale	366	
7	Sand	373	Very slight oil show
11	Sandy Shale	384	
25	Shale	409	
9	Lime	418	
11	Shale	429	
4	Lime	433	
16	Shale	449	
11	Lime	460	
16	Shale	476	
3	Lime	479	







<b>CEMENT TREATMENT REPORT</b>					
Customer:	Altavista Energy	Well:	Roberta A-1	Ticket:	EP13901
City, State:	Wellsville, KS	County:	MI, KS	Date:	6/24/2024
Field Rep:	Doug Evans	S-T-R:	13-18-21	Service:	Longstring

Downhole Information		Calculated Slurry - Lead		Calculated Slurry - Tail	
Hole Size:	5 5/8 in	Blend:	Econobond 1# PS	Blend:	
Hole Depth:	600 ft	Weight:	13.61 ppg	Weight:	ppg
Casing Size:	2 7/8 in	Water / Sx:	7.12 gal / sk	Water / Sx:	gal / sk
Casing Depth:	479.2 ft	Yield:	1.56 ft <sup>3</sup> / sk	Yield:	ft <sup>3</sup> / sk
Tubing / Liner:	in	Annular Bbls / Ft.:	bbs / ft.	Annular Bbls / Ft.:	bbs / ft.
Depth:	ft	Depth:	ft	Depth:	ft
Tool / Packer:	sand	Annular Volume:	0.0 bbls	Annular Volume:	0 bbls
Tool Depth:	480.00 ft	Excess:		Excess:	
Displacement:	2.50 bbls	Total Slurry:	16.95 bbls	Total Slurry:	0.0 bbls
		Total Sacks:	61 sks	Total Sacks:	0 sks

TIME	RATE	PSI	STAGE BBLs	TOTAL BBLs	REMARKS
			-	-	6/21/2024
12:30 PM				-	on location, held safety meeting
				-	rig had all but one joint of casing in hole (well was flowing)
				-	customer decided to pull casing and sand back OH to 480'
				-	pump truck and 80 Vac left location
				-	rig crew dumped 2250# sand to plug back OH, shut in casing
4:00 PM				-	bulk truck left location
				-	
				-	6/24/2024
10:30 AM				-	on location, held safety meeting
				-	ran wireline to check sand back depth, tagged sand at 456'
				-	rig ran casing in well (still flowing)
				-	rigged up cement equipment
				-	washed last two joints down
				-	mixed and pumped 100# Bentonite Gel, circulated to surface
				-	rig landed casing and welded head on
				-	established circulation
				-	mixed and pumped 100# Bentonite Gel followed by 4 bbls fresh water
				-	mixed and pump 61 sks Econobond cement w/ 1# PS per sk, cement to surface
				-	flushed pump clean
				-	displaced cement w/ 2.5 bbls fresh water, shut in casing & annulus
				-	washed up equipment
				-	
1:30 PM				-	left location
				-	
				-	

CREW		UNIT	SUMMARY		
Cementer:	Casey Kennedy	931	Average Rate	Average Pressure	Total Fluid
Pump Operator:	Nick Beets	239	0.0 bpm	- psi	- bbls
Bulk:	Wes Callahan	248			
H2O:	Doug Gipson	124			