

Confidentiality Requested:

☐ Yes ☐ No

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

1313442

Form ACO-1

August 2013

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 ☐ SIOW
- ☐ Gas ☐ D&A ☐ ENHR ☐ SIGW
- ☐ OG ☐ GSW ☐ Temp. Abd.
- ☐ 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 ENHR ☐ Conv. to SWD
- ☐ Plug Back ☐ Conv. to GSW ☐ Conv. to Producer
- ☐ Commingled Permit #: _____
- ☐ Dual Completion Permit #: _____
- ☐ SWD Permit #: _____
- ☐ ENHR Permit #: _____
- ☐ GSW Permit #: _____

Spud Date or
Recompletion Date

Date Reached TD

Completion Date or
Recompletion Date

API No. 15 - _____

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

☐ Geologist Report 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 <i>(Attach Additional Sheets)</i>	☐ Yes	☐ No	☐ Log	Formation (Top), Depth and Datum	☐ Sample
Samples Sent to Geological Survey	☐ Yes	☐ No	Name	Top	Datum
Cores Taken	☐ Yes	☐ No			
Electric Log Run	☐ 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

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

Did you perform a hydraulic fracturing treatment on this well? ☐ Yes ☐ No *(If No, skip questions 2 and 3)*

Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? ☐ Yes ☐ No *(If No, skip question 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)*

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth

TUBING RECORD:		Size:	Set At:	Packer At:	Liner Run:			☐ Yes	☐ No
Date of First, Resumed Production, SWD or ENHR.			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: ☐ Vented ☐ Sold ☐ Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: ☐ Open Hole ☐ Perf. ☐ Dually Comp. ☐ Commingled <i>(Submit ACO-5)</i> ☐ Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	Altavista Energy, Inc.
Well Name	O'BRIEN A-41
Doc ID	1313442

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	7	565	50/50 Poz	74	See Ticket

Miami County, KS
 Well: O'Brien A-41
 Lease Owner: AltaVista

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

Commenced Spudding:
 6/6/16

WELL LOG

Thickness of Strata	Formation	Total Depth
0-17	Soil-Clay	17
20	Lime	37
10	Shale	47
2	Lime	49
10	Shale	59
8	Lime	67
42	Shale	109
16	Lime	125
9	Shale	134
30	Lime	164
6	Shale	170
21	Lime	191
6	Shale	197
4	Lime	201
1	Shale	202
6	Lime	208
141	Shale	349
3	Lime	352
4	Sand	356
9	Lime	365
5	Shale	370
6	Lime	376
2	Shale	378
6	Lime	384
40	Shale	424
5	Lime	429
12	Shale	441
3	Lime	444
15	Shale	459
8	Lime	467
19	Shale	486
3	Lime	489
4	Shale	493
6	Lime	499
2	Shale	501
2	Sand	503
9	Sand	512
4	Sand & Sandy Shale	516
20	Sandy Shale	536
44	Shale	580-TD

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-41

Farm O'Brien

KS Miami
(State) (County)

1 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
0-17	Soil-clay	17	
20	Lime	37	
10	Shale	47	
2	Lime	49	
10	Shale	59	
8	Lime	67	
42	Shale	109	
16	Lime	125	
9	Shale	134	
30	Lime	164	
6	Shale	170	
21	Lime	191	
6	Shale	197	
4	Lime	201	
1	Shale	202	
6	Lime	208	Heatha
141	Shale	349	
3	Lime	352	
4	Sand	356	slight slow
9	Lime	365	
5	Shale	370	
6	Lime	376	
2	Shale	378	
6	Lime	384	
40	Shale	424	
5	Lime	429	
12	Shale	441	

[illegible]



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

Invoice

Invoice#

807719

Invoice Date: 06/09/16

Terms: Net 30

Page 1

ALTAVISTA ENERGY INC

PO BOX 128
WELLSVILLE KS 66092
USA
7858834057

OBRIEN # A-41

Part No	Description	Quantity	Unit Price	Discount(%)	Total
CE0450	Cement Pump Charge 0 - 1500'	1.000	1,500.0000	62.000	570.00
CE0002	Equipment Mileage Charge - Heavy Equipment	20.000	7.1500	62.000	54.34
CE0711	Minimum Cement Delivery Charge	1.000	660.0000	62.000	250.80
WE0853	80 BBL Vacuum Truck (Cement Services)	1.000	100.0000	62.000	38.00
CC5840	Poz-Blend I A (50:50)	74.000	13.5000	62.000	379.62
CC5965	Bentonite	225.000	0.3000	62.000	25.65
CC5326	Sodium Chloride, Salt	149.000	1.0000	62.000	56.62
CC6077	Kolseal	370.000	0.5000	62.000	70.30
CP8176	2 7/8" Top Rubber Plug	1.000	45.0000	62.000	17.10

Subtotal 3,848.50

Discounted Amount 2,386.07

SubTotal After Discount 1,462.43

Amount Due 3,964.14 If paid after 07/09/16

Tax: 43.94

Total: 1,506.37

BARTLESVILLE, OK
918/338-0808

EL DORADO, KS
316/322-7022

EUREKA, KS
620/583-7554

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

PO Box 884, Chanute, KS 66720
620-431-9210 or 800-467-8676

5808
5775
INVOICE # 807719

FIELD TICKET & TREATMENT REPORT
CEMENT

TICKET NUMBER 50072
LOCATION Ottawa KS
FOREMAN Fred Maden

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
6-7-16	3244	O'Brien # A-41	SE 1	18	21	Mi
CUSTOMER <u>Altavista Energy Inc</u>						
MAILING ADDRESS <u>P.O. Box 128</u>						
CITY <u>Wellsville</u>	STATE <u>KS</u>	ZIP CODE <u>66092</u>				
			TRUCK #	DRIVER	TRUCK #	DRIVER
			<u>712</u>	<u>Fred Mad</u>		
			<u>467</u>	<u>Kel Car</u>		
			<u>675</u>	<u>Kel Car</u>		
			<u>558</u>	<u>Har Bec</u>		

JOB TYPE Longstring HOLE SIZE 5 7/8 HOLE DEPTH 350 CASING SIZE & WEIGHT 2 7/8 EUE
CASING DEPTH 1565 DRILL PIPE Baffles TUBING @ 523 OTHER _____
SLURRY WEIGHT _____ SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT in CASING 32' Plug
DISPLACEMENT 3.1 BBL DISPLACEMENT PSI _____ MIX PSI _____ RATE 4 BPM

REMARKS: Hold Safety meeting. Establish circulation. Mix & Pump
100' Gel Flush. Mix & Pump SKS Por Blend I A Cement 2%
Gel 5% Salt 5' Kel Seal/sk. Cement to Surface. Flush pump
lines clean. Displace 2 1/2" Rubber plug to Baffle in Casing.
Pressure to 800 PSI. Release pressure to set float valve.

TOS Drilling

Fred Maden

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
CE0450	1	PUMP CHARGE	467 1500.00	
CE0002	20 mi.	MILEAGE	467 143.40	
CE0211	Minimum	Ton miles	558 660.00	
WE0853	1 hr	80 BBL Vac Truck	675 100.00	
		Sub Total	2403.40	
		less 62%	- 1489.86	913.54
8065 CC5440	74 SKS	Por Blend I A Cement	999.40	
CC5965	225#	Bentonite Gel	67.50	
CC5326	149#	Granulated Salt	149.00	
CC6077	370#	Kel Seal	185.00	
CP8176	1	2 1/2" Rubber Plug	75.00	
		Sub Total	1445.90	
		less 62%	- 896.21	549.69
		8%		
		SALES TAX		43.94
		ESTIMATED TOTAL		1506.37

SCANNED

Ravin 3737

AUTHORIZATION No Co Rep on Site. TITLE _____ DATE 6/3/14

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.