



KANSAS CORPORATION COMMISSION 1153266
OIL & GAS CONSERVATION DIVISION

Form ACO-1

June 2009

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
- Conv. to GSW
- Plug Back: _____ Plug Back Total Depth _____
- 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

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total 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

- Letter of Confidentiality Received
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 and base 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. Attach complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

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 Electric Log Submitted Electronically <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i> 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
_____ Perforate _____ Protect Casing _____ Plug Back TD _____ Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	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
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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> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
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Douglas County, KS
Well: Mary Bell AI-30
Lease Owner: AltaVista

Town Oilfield Service, Inc.
(913) 837-8400

Commenced Spudding:
7/5/2013

WELL LOG

Thickness of Strata	Formation	Total Depth
0-15	Soil-Clay	15
2	Lime	17
7	Shale	24
2	Lime	26
141	Shale	167
5	Lime	172
7	Shale	179
12	Lime	191
8	Shale	199
7	Lime	206
5	Shale	211
23	Lime	234
27	Shale	261
18	Lime	279
4	Sandy Shale	283
12	Sand	295
58	Shale	353
22	Lime	375
17	Shale	392
7	Lime	399
17	Shale	416
8	Sand	424
16	Lime	440
18	Shale	458
24	Lime	482
8	Shale	490
22	Lime	512
4	Shale	516
4	Lime	520
3	Shale	523
7	Lime	530
171	Shale	701
6	Lime	707
5	Shale	712
2	Lime	714
11	Shale	725
4	Lime	729
19	Shale	748
3	Lime	751
55	Shale	806

Short Cuts

TANK CAPACITY

BBS. (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. AI-30

Farm Mary Bell

KS Douglas
(State) (County)

1 15 20
(Section) (Township) (Range)

For Altavista Energy inc
(Well Owner)

Town Oilfield Services, Inc.

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

Alan 2:40 surface
voicemail 2:00 long string

Mary Bell Farm: Douglas County
KS State; Well No. A1-30

Elevation 1045

Commenced Spuding July 5 2013

Finished Drilling July 6 2013

Driller's Name Wesley Dollard

Driller's Name

Driller's Name

Tool Dresser's Name Ryan Ward

Tool Dresser's Name

Tool Dresser's Name

Contractor's Name TOS

1 15 20

(Section) S (Township) (Range) 2310 ft.

Distance from E line, 3795 ft.

6 sacks
7.5 hrs

CASING AND TUBING MEASUREMENTS

Feet	In.	Feet	In.	Feet	In.
892.45		Baffle			
923.70		float			

CASING AND TUBING RECORD

10" Set _____ 10" Pulled _____
 8" Set _____ 8" Pulled _____
 7 3/4" Set 42 6 1/4" Pulled _____
 4" Set _____ 4" Pulled _____
 2" Set _____ 2" Pulled _____

Thickness of Strata	Formation	Total Depth	Remarks
0-15	soil-clay	15	
2	Lime	17	
7	Shale	24	
2	Lime	26	
141	Shale	167	
5	Lime	172	
7	Shale	179	
12	Lime	191	
8	Shale	199	
7	Lime	206	
5	Shale	211	
23	Lime	234	
27	Shale	261	shells
18	Lime	279	some sand - no oil
4	sandy shale	283	
12	sand	295	
58	Shale	353	no oil
22	Lime	375	
17	Shale	392	
7	Lime	399	
17	Shale	416	
8	sand	424	no oil
16	Lime	440	
18	Shale	458	
24	Lime	482	
8	Shale	490	
22	Lime	512	

512

Thickness of Strata	Formation	Total Depth	Remarks
4	Shale	516	
4	Lime	520	
3	Shale	523	
7	Lime	530	
171	shale	701	Hertha
6	Lime	707	
5	Shale	712	
2	Lime	714	
11	Shale	725	
4	Lime	729	
19	shale	748	
3	Lime	751	
55	shale	806	
5	sandy shale	811	
8	sand	819	broken - brown no oil
7	sand	826	broken - 50% oil
13	sand	839	mostly solid - good show
9	sand	848	solid - good saturation
8	sand	856	black - dead oil
34	shale	940	TD



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. Box 884
Chanute, KS 66720
620/431-9210 • 1-800/467-8676
Fax 620/431-0012

INVOICE

Invoice # 260287

Invoice Date: 07/09/2013 Terms: 0/0/30,n/30

Page 1

ALTAVISTA ENERGY INC
4595 K-33 HIGHWAY
P.O. BOX 128
WELLSVILLE KS 66092
(785) 883-4057

MARY BELL AI-30
42120
1-15-20
07-06-2013
KS

Part Number	Description	Qty	Unit Price	Total
1124	50/50 POZ CEMENT MIX	113.00	11.5000	1299.50
1118B	PREMIUM GEL / BENTONITE	290.00	.2200	63.80
1111	SODIUM CHLORIDE (GRANULA	218.00	.3900	85.02
1110A	KOL SEAL (50# BAG)	565.00	.4600	259.90
1401	HE 100 POLYMER	.50	47.2500	23.63
4402	2 1/2" RUBBER PLUG	1.00	29.5000	29.50

Description	Hours	Unit Price	Total
495 CEMENT PUMP	1.00	1085.00	1085.00
495 EQUIPMENT MILEAGE (ONE WAY)	20.00	4.20	84.00
495 CASING FOOTAGE	923.00	.00	.00
548 MIN. BULK DELIVERY	1.00	368.00	368.00
675 80 BBL VACUUM TRUCK (CEMENT)	2.00	90.00	180.00

Parts: 1761.35 Freight: .00 Tax: 125.93 AR 3604.28
Labor: .00 Misc: .00 Total: 3604.28
Sublt: .00 Supplies: .00 Change: .00

Signed _____ Date _____



CONSOLIDATED
Oil Well Services, LLC

260287

TICKET NUMBER 42120

LOCATION Ottawa

FOREMAN Alan Mader

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

FIELD TICKET & TREATMENT REPORT
CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
7-6-13	3244	Mary Bell AT-32	SW 1	15	20	DG

CUSTOMER
Altavista Energy

MAILING ADDRESS
P.O. Box 128

CITY
Wellsville

STATE
KS

ZIP CODE
66092

TRUCK #	DRIVER	TRUCK #	DRIVER
516	Alan Mader		
495	Har Bec		
675	Kei Det		
548	Kei Car		

JOB TYPE long string HOLE SIZE 5 5/8 HOLE DEPTH 942 CASING SIZE & WEIGHT 2 7/8

CASING DEPTH 923 DRILL PIPE _____ TUBING _____ OTHER 892 Baffle

SLURRY WEIGHT _____ SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT in CASING yes

DISPLACEMENT 5.2 DISPLACEMENT PSI 800 MIX PSI 200 RATE 4 bpm

REMARKS: Hooked to casing. Established rate. Mixed & pumped 1/2 gal polymer to flush hole followed by 100# gel. Mixed & pumped 113 sk 50150 cement plus 2% gel, 5% salt, 5# Kol seal per sack. Circulated cement. Flushed pump pumped plug to baffle. Well held 800 PSI. Set float. Closed valve.

TOS was _____

Alan Mader

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE	495	1085.00
5406	20	MILEAGE	495	84.00
5402	923	casing footage	495	—
5407	min	ton miles	548	368.00
5502C	2	80 MLC	675	180.00
1124	113 sk	50150 cement		1299.50
1118B	290 #	gel		63.80
1111	218 #	salt		85.02
1110A	565 #	Kol seal		259.90
1401	1/2 gal	polymer		23.63
4402	1	2 1/2 plug		29.50

Completed

SALES TAX ESTIMATED TOTAL 125.93
3604.28

Ravin 3737

AUTHORIZATION _____

TITLE _____

DATE _____

I hereby acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's records, at our office, and conditions of service on the back of this form are in effect for services identified on this form.