



KANSAS CORPORATION COMMISSION 1080079
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 # 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 SLOW
 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 #: _____
01/17/2012 01/20/2012 01/20/2012
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 15-059-25898-00-00
Spot Description: _____
NW SE NW SW Sec. 18 Twp. 16 S. R. 21 East West
1931 Feet from North / South Line of Section
4405 Feet from East / West Line of Section
Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
County: Franklin
Lease Name: Bivins Well #: AI-20
Field Name: _____
Producing Formation: Squirrel
Elevation: Ground: 972 Kelly Bushing: 972
Total Depth: 799 Plug Back Total Depth: 757
Amount of Surface Pipe Set and Cemented at: 22 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set: _____ Feet
If Alternate II completion, cement circulated from: 788
feet depth to: 0 w/ 94 sx cmt.

Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit)
Chloride content: 0 ppm Fluid volume: 30 bbls
Dewatering 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

Letter of Confidentiality Received
Date: _____
 Confidential Release Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution
ALT I II III Approved by: Deanna Gantner Date: 05/02/2012



1080079

Operator Name: Altavista Energy, Inc. Lease Name: Bivins Well #: AI-20
 Sec. 18 Twp. 16 S. R. 21 East West County: Franklin

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 (Attach Additional Sheets)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Squirrel	730	+242
Electric Log Run	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
Electric Log Submitted Electronically (If no, Submit Copy)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
List All E. Logs Run:				
Gamma Ray/Neutron/CCL				

CASING RECORD <input type="checkbox"/> New <input checked="" 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
Surface	9.875	7	20	22	Portland	4	NA
Production	5.625	2.875	6	788	50/50 Poz	94	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	-			

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
3	730-738 - 25 Perfs - 2" DML RTG		

TUBING RECORD:	Size:	Set At:	Packer At:	Liner Run: <input type="checkbox"/> Yes <input type="checkbox"/> No
Date of First, Resumed Production, SWD or ENHR.	Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) _____			
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 (If vented, Submit ACO-18.)	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled (Submit ACO-5) (Submit ACO-4) <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
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Franklin County, KS
Well: Bivins AI-20
Lease Owner: Alta Vista

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

Commenced Spudding:
1/17/2012

WELL LOG

Thickness of Strata	Formation	Total Depth
29	Soil/Clay	29
25	Lime	54
8	Shale	62
10	Lime	72
3	Shale	75
17	Lime	92
42	Shale	134
16	Lime	150
81	Shale	231
23	Lime	254
23	Shale	277
6	Lime	283
15	Shale	298
6	Sandy Shale	304
17	Shale	321
3	Lime	324
8	Shale	332
1	Lime	333
16	Shale	349
24	Lime	373
8	Shale	381
24	Lime	405
5	Shale	410
3	Lime	413
4	Shale	417
4	Lime	421
6	Shale	427
1	Lime	428
41	Shale	469
5	Sandy Shale	474
98	Shale	572
5	Lime	577
7	Shale	584
7	Lime	591
8	Shale	599
8	Lime	607
7	Shale	614
6	Lime	620
15	Shale	635
3	Lime	638

Thickness of Strata	Formation	Total Depth	Remarks
29	soil/clay	29	
25	lime	54	
8	shale	62	
10	lime	72	
3	shale	75	
17	lime	92	
42	shale	134	
16	lime	150	
51	shale	231	
23	lime	254	
23	shale	277	
6	lime	283	
15	shale	298	
6	sandy shale	304	
18	shale	321	
3	lime	324	
8	shale	332	
1	lime	333	
16	shale	349	
24	lime	373	
8	shale	381	
24	lime	405	
5	shale	410	
3	lime	413	
4	shale	417	
4	lime	421	
6	shale	427	

427

Thickness of Strata	Formation	Total Depth	Remarks
1	lime	428	
41	shale	469	
5	sand shale	474	
98	shale	572	
5	lime	577	
7	shale	584	
7	lime	591	
8	shale	599	
8	lime	607	
7	shale	614	
6	lime	620	
15	shale	635	
3	lime	638	
7	shale	645	
8	lime	653	
5	shale	658	
3	lime	661	
10	shale	671	
4	lime	675	
2	shale	677	
1	lime	678	
1	shale	679	
12	sand	691	oil 5% slight black odor
2	sand	693	20%
2	sand	695	grey
4	sand	699	5%
4	sand	703	

4

8

703

Thickness of Strata	Formation	Total Depth	Remarks
5	sandy shale	708	
24	shale	732	
1	sand	733	solid, odor
16	core	749	prob - 10
37	shale	786	
5	lime	791	
8	sandy shale	799	TD

Thickness of Strata	Formation	Total Depth	Remarks
	sand	733	
2	sand	735	solid
2	sand	737	Laminated
4	sandy shale	741	
8	shale	749	

BUCKEYE SUPPLY PIPE TALLEY

FROM <u>Wellsville</u>				DATE <u>1/20/12</u>			
TO <u>Dr. Exploration</u>				P.O. NO.			
TALLY OF:	SIZE <u>2 7/8</u>	IN.	KIND <u>Upset</u>	NEW <input type="checkbox"/>	USED <input checked="" type="checkbox"/>		
THREAD <u>8pc</u>	WEIGHT:		CHG. NO.				
ON (R.R. OR TRUCK CO.)				CAR OR TRUCK NO.			

NO.	FEET	IN.	FEET	IN.	FEET	IN.	FEET	IN.	FEET	OL
1	32	75	33	10						
2	30	75	31	90						
3	32	65	32	75						
4	32	90	31	50						
5	32	75	31	50						B/B
6	32	75								
7	31	20								
8	31	85								
9	32	00								
10	31	85								
140 THDS TO RAFFED										
11	31	15								
12	31	70								
13	30	90								
14	31	90								
15	30	60								
16	27	55								
17	31	75								
18	31	90								
19	31	50								
20	31	50								
Total 632 00 1100 75										

Remarks: <u>Drains AT 20</u>	Length: <u>79.2</u>	R: <u>75</u>
Tallyed by: <u>Justin + Tony</u>	Received By: <u>TOS</u>	



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 # 247381

Invoice Date: 01/26/2012 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

BIVENS AI-20
36863
NW 8 16 21 FR
01/20/12
KS

Part Number	Description	Qty	Unit Price	Total
1124	50/50 POZ CEMENT MIX	94.00	10.9500	1029.30
1118B	PREMIUM GEL / BENTONITE	158.00	.2100	33.18
1111	SODIUM CHLORIDE (GRANULA	182.00	.3700	67.34
1110A	KOL SEAL (50# BAG)	470.00	.4600	216.20
4402	2 1/2" RUBBER PLUG	1.00	28.0000	28.00
1143	SILT SUSPENDER SS-630,ES	.50	40.4000	20.20
1401	HE 100 POLYMER	.50	47.2500	23.63

Description	Hours	Unit Price	Total
368 CEMENT PUMP	1.00	1030.00	1030.00
368 EQUIPMENT MILEAGE (ONE WAY)	15.00	4.00	60.00
368 CASING FOOTAGE	788.00	.00	.00
370 80 BBL VACUUM TRUCK (CEMENT)	2.00	90.00	180.00
503 MIN. BULK DELIVERY	1.00	350.00	350.00

Parts: 1417.85 Freight: .00 Tax: 110.59 AR 3148.44
 Labor: .00 Misc: .00 Total: 3148.44
 Sublt: .00 Supplies: .00 Change: .00

Signed _____

Date _____

BARTLESVILLE, OK
918/338-0808

EL DORADO, KS
316/322-7022

EUREKA, KS
620/583-7664

PONCA CITY, OK
580/762-2303

OAKLEY, KS
785/672-2227

OTTAWA, KS
785/242-4044

THAYER, KS
620/839-5269

GILLETTE, WY
307/686-4914



CONSOLIDATED
Oil Well Services, LLC

TICKET NUMBER 36863

LOCATION Ottawa KS

FOREMAN Fred 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
1/20/12	3244	Bivens # A-20	NW 8	16	21	FR
CUSTOMER			TRUCK#	DRIVER	TRUCK#	DRIVER
Altavista Energy			506	FREMAO	Safety	Wky
MAILING ADDRESS			368	ARLMCD	ARM	
4595 33 rd N th Way			370	GARMCO	GM	
CITY	STATE	ZIP CODE	508	RYASIN	RS	
Wellsville	KS	66092				

JOB TYPE Long string HOLE SIZE 5 7/8 HOLE DEPTH 500 CASING SIZE & WEIGHT 2 3/4 EUE
 CASING DEPTH 754 ft DRILL PIPE Baffle Dr TUBING @ 756' OTHER _____
 SLURRY WEIGHT _____ SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT IN CASING 2 1/2" Plug 432'
 DISPLACEMENT 4.4 BG DISPLACEMENT PSI _____ MIX PSI _____ RATE 4 BPM

REMARKS: Establish pump rate - Mix Pump 1/2 Gal ESA-41 + 1/2 Gal HE-150 Polymer
 Flush - Circulate to condition hole, Mix + Pump 94 sks 50/50
 Pom Mix Cement 2 3/4 Gal 5% Salt 5" Kol Seal/sk. Cement to surface
 Flush pump + lines clean. Displace 2 3/4" Rubber plug to Baffle
 Pressure to 700# PBL Release pressure to set Foot Valve.
 Shut in Casing

TOS Drilling (Chad)

Fred Mader

ACCOUNT CODE	QUANTITY, or UNITS	DESCRIPTION OF SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE		1030 ⁰⁰
5406	15 mi	MILEAGE		60 ⁰⁰
5402	758	Casing footage		N/C
5407	Minimum	Ten Miles		350 ⁰⁰
5502C	2 hrs	80 BBL Vac Truck		180 ⁰⁰
1124	94 sks	50/50 Pom Mix Cement		1029 ³⁰
1118B	158#	Premium Gel		33 ¹⁸
1111	182#	Granulated Salt		67 ³⁴
1110A	470#	Kol Seal		216 ²⁰
4402	1	2 3/4" Rubber Plug		2600
1143	1/2 Gal	ESA-41		20 ²⁰
1401	1/2 Gal	HE-150 Polymer		23 ⁶³
247381				

Rev'n 3737

Phone of J. Noelen

7.8%

SALES TAX 110.59
 ESTIMATED TOTAL: 3148.44

AUTHORIZATION No Co Rep on site

TITLE _____

DATE _____

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.