



1090110

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)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____ <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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Franklin County, KS
Well: Brown AI-11
Lease Owner: AltaVista

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

Commenced Spudding:
6/11/2012

WELL LOG

Thickness of Strata	Formation	Total Depth
0-1	Soil	1
3	Soil & Lime	4
10	Lime	14
7	Shale	21
12	Lime	33
4	Shale	37
17	Lime	54
46	Shale	100
31	Lime	131
10	Shale	141
6	Lime	147
42	Shale	189
22	Lime	211
26	Shale	237
6	Lime	243
25	Shale	268
11	Lime	279
24	Shale	303
9	Lime	312
3	Shale	315
16	Lime	331
9	Shale	340
18	Lime	358
5	Shale	363
4	Lime	367
2	Shale	369
6	Lime	375
5	Shale	380
3	Lime	383
98	Shale	481
8	Sand and Lime	489
29	Shale	518
8	Lime	526
8	Shale	534
1	Lime	535
2	Shale	537
9	Lime	546
7	Shale	553
9	Lime	562
6	Shale	568

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. AI-11

Farm Brown

KS Franklin
(State) (County)

19 16 21
(Section) (Township) (Range)

For Altavista Energy
(Well Owner)

Town Oilfield Services, Inc.

1207 N. 1st East

Louisburg, KS 66053

913-710-5400

Thickness of Strata	Formation	Total Depth	Remarks
0-1	soil	1	
3	soil & lime	4	
10	Lime	14	
7	shale	21	
12	Lime	33	
4	shale	37	
17	Lime	54	
46	shale	100	
31	Lime	131	
10	shale	141	
6	Lime	147	
42	shale	189	
22	Lime	211	
26	shale	237	
6	Lime	243	
25	shale	268	
11	Lime	279	
24	shale	303	
9	Lime	312	
3	shale	315	
16	Lime	331	
9	shale	340	
18	Lime	358	
5	shale	363	
4	Lime	367	
2	shale	369	
6	Lime	375	

375

Thickness of Strata	Formation	Total Depth	Remarks
5	shalt	380	
3	Lime	383	
98	shale	481	
8	sand & lime	489	no oil
29	shale	518	
8	Lime	526	
8	shale	534	
1	Lime	535	
2	shale	537	
9	Lime	546	
7	shale	553	
9	Lime	562	
6	shale	568	
4	Lime	572	
8	shale	590	
3	Lime	593	
10	shale	603	
2	Lime	605	
3	shale	608	
9	Lime	617	
7	shale	624	
2	Lime	626	
3	Lime	629	oil
5	sandy shale	634	no oil
2	sand	636	10% oil
7	sand	643	solid oil
5	sand	648	75% oil

perf good bleed



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 # 250520

Invoice Date: 06/15/2012 Terms: 0/0/30,n/30

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

BROWN AI-11
39882
19-16-21
06-12-2012
KS

Part Number	Description	Qty	Unit Price	Total
1124	50/50 POZ CEMENT MIX	106.00	10.9500	1160.70
1118B	PREMIUM GEL / BENTONITE	278.00	.2100	58.38
1111	SODIUM CHLORIDE (GRANULA	205.00	.3700	75.85
1110A	KOL SEAL (50# BAG)	530.00	.4600	243.80
4402	2 1/2" RUBBER PLUG	1.00	28.0000	28.00
1401	HE 100 POLYMER	.50	47.2500	23.63

Description	Hours	Unit Price	Total
369 80 BBL VACUUM TRUCK (CEMENT)	2.00	90.00	180.00
495 CEMENT PUMP	1.00	1030.00	1030.00
495 EQUIPMENT MILEAGE (ONE WAY)	20.00	4.00	80.00
495 CASING FOOTAGE	755.00	.00	.00
548 MIN. BULK DELIVERY	1.00	350.00	350.00

Parts: 1590.36 Freight: .00 Tax: 124.04 AR 3354.40
Labor: .00 Misc: .00 Total: 3354.40
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

