

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION 1153265

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 #	API No. 15
Name:	Spot Description:
Address 1:	
Address 2:	Feet from North / South Line of Section
City: State: Zip:+	Feet from Cast / West Line of Section
Contact Person:	Footages Calculated from Nearest Outside Section Corner:
Phone: ( )	
CONTRACTOR: License #	County:
Name:	Lease Name: Well #:
Wellsite Geologist:	Field Name:
Purchaser:	Producing Formation:
Designate Type of Completion:	Elevation: Ground: Kelly Bushing:
New Well Re-Entry Workover	Total Depth: Plug Back Total Depth:
	Amount of Surface Pipe Set and Cemented at: Feet
Gas D&A ENHR SIGW	Multiple Stage Cementing Collar Used? Yes No
OG GSW Temp. Abd.	If yes, show depth set: Feet
CM (Coal Bed Methane)	If Alternate II completion, cement circulated from:
Cathodic Other (Core, Expl., etc.):	feet depth to:w/sx cmt.
If Workover/Re-entry: Old Well Info as follows:	
Operator:	Drilling Fluid Management Dian
Well Name:	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)
Original Comp. Date: Original Total Depth:	
Deepening Re-perf. Conv. to ENHR Conv. to SWD	Chloride content: ppm Fluid volume: bbls
Conv. to GSW	Dewatering method used:
Plug Back: Plug Back Total Depth	Location of fluid disposal if hauled offsite:
Commingled Permit #:	Operator Name:
Dual Completion Permit #:	
SWD         Permit #:	Lease Name: License #:
ENHR         Permit #:	Quarter Sec Twp S. R East West
GSW Permit #:	County: Permit #:
Spud Date or Recompletion Date         Date Reached TD         Completion Date or Recompletion Date	

#### 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 Approved by: Date:

	Side Two	1153265		
Operator Name:	Lease Name:	Well #:		
Sec TwpS. 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 (Attach Additional She	eets)	Yes No	L	-	n (Top), Depth an	d Datum Top	Sample
Samples Sent to Geolog	jical Survey	Yes No	1 dan			iop	Datam
Cores Taken Electric Log Run Electric Log Submitted E (If no, Submit Copy)	Electronically	<pre> Yes  No  Yes  No  Yes  No</pre>					
List All E. Logs Run:							
		CASING		ew Used			
		Report all strings set	-conductor, surface, inte	ermediate, producti	on, 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	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
Protect Casing Plug Back TD				
Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated					e			ement Squeeze Record I of Material Used)	Depth
TUBING RECORD:	Siz	:e:	Set At:		Packer	r At:	Liner R	un:	No	
Date of First, Resumed P	Producti	on, SWD or ENHF	₹.	Producing N	1ethod:	ping	Gas Lift	Other (Explain)		
Estimated Production Per 24 Hours		Oil Bb	ls.	Gas	Mcf	Wate	ər	Bbls.	Gas-Oil Ratio	Gravity
DISPOSITION OF GAS: METHOD OF COMPL			OF COMPLE	TION:		PRODUCTION INT	ERVAL:			
Vented Sold		Jsed on Lease		Open Hole	Perf.	Dually (Submit A	Comp. AC <i>O-5)</i>	Commingled (Submit ACO-4)		
(If vented, Subr	nit ACO	-18.)		Other (Specify)						

Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202

#### WELL LOG

Thickness of Strata	Formation	Total Depth
0-14	Soil-Clay	14
1	Lime	15
	Clay	23
4	Lime	27
143	Shale	170
5	Lime	175
5	Shale	180
15	Lime	195
7	Shale	202
7	Lime	209
7	Shale	216
27	Lime	243
21	Shale	264
18	Lime	282
18	Sand & Sandy Shale	300
56	Shale	356
23	Lime	379
17	Shale	396
, 7	Lime	403
16	Shale	419
10	Sand & Sandy Shale	429
16	Lime	445
18	Shale	463
26	Lime	489
5	Shale	494
24	Lime	518
5	Shale	523
4	Lime	527
3	Shale	530
7	Lime	537
170	Shale	707
6	Lime	713
6	Shale	719
2	Lime	721
10	Shale	731
5	Lime	736
18	Shale	754
3	Lime	757
50	Shale	807
2	Lime	809

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

Commenced Spudding: June 16 2013

4	Shale	813
6	Sandy Shale	819
3	Sand	822
6	Sand	828
26	Sand	854
8	Sand	862
78	Shale	940
·····		
7		

# Short Cuts

BBLS. (42 gal.) equals D²x.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

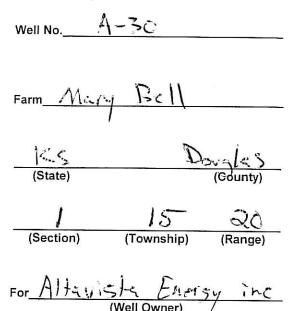
TO FIGURE PUMP DRIVES \* D - Diameter of Pump Sheave \* d - Diameter of Engine Sheave SPM - Strokes per minute RPM - Engine Speed R - Gear Box Ratio \*C - Shaft Center Distance

D - RPMxd over SPMxR d - SPMxRxD over RPM SPM - RPMXD over RxD R - RPMXD over SPMxD

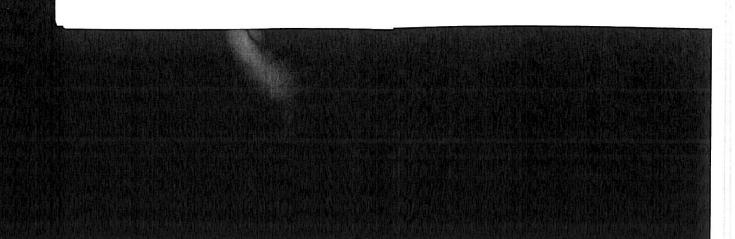
BELT LENGTH - 2C + 1.57(D + d) +  $\frac{(D-d)^2}{4C}$ \* Need these to figure belt length WATTS = AMPS

TO FIGURE AMPS: VOLTS = AMPS 746 WATTS equal 1 HP





Town Oilfield Services, Inc. 1207 N. 1st East Louisburg, KS 66053 913-710-5400



- eneril - June 16 - 12:00 Suifac, proote - June 17 - Ri45 Longstin

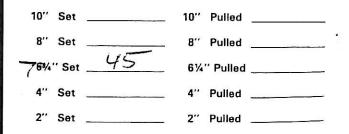
#### CASING AND TUBING MEASUREMENTS

				ORCHICKIS	
Feet	In.	Feet	ln.	Feet	ln.
817		Scat	5	pie	
				4	-
879.	85	Ba	+	12	
,		<b>F</b>			
907.	45	Flo	art	-	
				1	11
				X	Ter
					D
1					
			[]-		
					- 18

Mary Bell Farm: Douglas County -30 State; Well No. 1050 Elevation\_ June 16 13 \_\_\_\_20 Commenced Spuding 13 Une Finished Drilling 20 Driller's Name 5/2 re **Driller's Name** Driller's Name lvare 1941 Tool Dresser's Name rein Chies Tool Dresser's Name **Tool Dresser's Name** ros Contractor's Name 20 15 (Section) (Township) (Range) 1980 Distance from \_ \_ line, .ft. 3795 Distance from \_\_\_\_ line, ft. 5 Sacks 9 hrs

### CASING AND TUBING RECORD

,



-1-

Thickness of Strata	Formation	Total Depth	Remarks
0-14	Soil - clay	14	
)	Lime /	15	
- S	clay	15 23	
4	Lime	27	
143	Shaly	170	
5	Lime	175	
5	shalt	150	
15	Lime	195	
7	shalle	202	
7	Lime	209	
7	shalt	216	
27	Lime	243	shells
21	Shal-e	264	
1%	Lime	282	
15	Send & Sindly she		Mo CI
56	shal-e	356	
22	Livin e	379	
17	Shale	396	
7	Lime	403	
16	shafe	419	
10	Sand	429	na Qil
14	Lime	445	
18	Shal-e	463	
26	Lime	4989	
5	shak	494	
5	Lime	518	
3	-2-	523	

-3-

		523	
Thickness of Strata	Formation	Total Depth	Remarks
4	Lime	527	Keniaks
3	Shil-e	530	
7	Lime	537	- Heitlig
170	5hele	707	
6	Lime	713	
42	She l-e	719	
	Lime	127	
10	shale	731	
5	Lime	736	_
14	shall e	754	- Som - limit
3	Lime	757	
50	Shal-e	807	_
2	Lime	809	_
<u> </u>	shale	813	
6	sandy shelf	819	no Oil
3	Sand	822	- broken kilo Dil
<i>b</i>	Sand	424	broken 75% Oil
26	Sand	854	Solid - good saturation
4 X3	sind	\$63	dead Dil
12	shale	940	TD
			-
	-4-		
			-5-

	CONSOLII Oil Well Serv	and the second second second	<b>REMIT</b> Consolidated Oil We Dept. 9 P.O. Box Houston, TX 7	ell Services, LLC 970 4346	Chanu 620/431-9210 • 1-	IAIN OFFICE P.O. Box 884 ute, KS 66720 800/467-8676 620/431-0012
INVOIC	CE ====================================				Invoice #	259781
Invoid	ce Date: 06/20	/2013	Terms: 0/0/30,n/	30	P	age 1
ALTAVISTA ENERGY INCMARY BEL4595 K-33 HIGHWAY42023P.O. BOX 1281-15-20WELLSVILLE KS 6609206-17-203(785)883-4057KS					0	
======		=========		=======================================	=======================================	
Part N 1124 1118B 1111 1110A 1401 4402	Jumber	PREMIUM SODIUM ( KOL SEA) HE 100 ]	DZ CEMENT MIX GEL / BENTONITE CHLORIDE (GRANUL) G (50# BAG)	113.00 290.00	.2200 .3900 .4600	Total 1299.50 63.80 85.02 259.90 23.63 29.50
368 368 368 558	Description CEMENT PUMP EQUIPMENT MILE CASING FOOTAGE MIN. BULK DELT 80 BBL VACUUM	VERY		Hours 1.00 20.00 907.00 1.00 2.00		Total 1085.00 84.00 .00 368.00 180.00

========	==============		=========	=========	==========	========	============
Parts:	1761.35	Freight:	.00	Tax:	128.58	AR	3606.93
Labor:	.00	Misc:	.00	Total:	3606.93		
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 785/672-8822 OTTAWA, KS 785/242-4044 THAYER, KS 620/839-5269 GILLETTE, WY 307/686-4914 CUSHING, OK 918/225-2650

259781 42023 TICKET NUMBER CONSOLIDATED LOCATION  $D \neq$ Oil Well Services, LLC FOREMAN ader Han FIELD TICKET & TREATMENT REPORT PO Box 884, Chanute, KS 66720 620-431-9210 or 800-467-8676 CEMENT CUSTOMER # WELL NAME & NUMBER SECTION DATE TOWNSHIP RANGE COUNTY Marv 3 15 Bel W 20 0 n/s TRUCK # DRIVER TRUCK # DRIVER 68 STATE ZIP CODE CIT KS 6609 3 0 HOLE SIZE HOLE DEPTH CASING SIZE & WEIGHT JOB haffle. CASING DEPTH DRILL PIPE TUBING OTHER SLURRY WEIGHT SLURRY VOL WATER gal/sk **CEMENT LEFT in CASING** ves DISPLACEMENT PSI 800 MIX PSI 200 DISPLACEMENT RATE chel Hooked E6+ Cas rat REMARKS: 10 S P.21 0 Dum. E les ACCOUNT QUANITY or UNITS DESCRIPTION of SERVICES or PRODUCT UNIT PRICE TOTAL CODE PUMP CHARGE MILEAGE COL COP ton M M 8D 190 5015Deem A

2

ee Ri

DATE

SALES TAX ESTIMATED

TOTAL

----

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.

TITLE

Bavin 3737

AUTHORIZTION

13