

CONFIDENTIAL

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

ORIGINAL

Form ACO-1
October 2008
Form Must Be Typed

4/8/10

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 6931
Name: Bowman Oil Company
Address 1: 805 Codell Road
Address 2: _____
City: Codell State: Kansas Zip: 67663 + _____
Contact Person: Louis "Don" Bowman or William "Bill" Bowman
Phone: (785) 434-2286 M
CONTRACTOR: License # 33575
Name: W W Drilling, LLC
Wellsite Geologist: Roger L. Moses
Purchaser: Coffeyville Resources, LLC

Designate Type of Completion:
 New Well _____ Re-Entry _____ Workover _____
 Oil _____ SWD _____ SLOW _____
_____ Gas _____ ENHR _____ SIGW _____
_____ CM (Coal Bed Methane) _____ Temp. Abd. _____
_____ Dry _____ Other _____
(Core, WSW, Expl., Cathodic, etc.)

If Workover/Re-entry: Old Well Info as follows:
Operator: N/A
Well Name: N/A
Original Comp. Date: N/A Original Total Depth: N/A
_____ Deepening _____ Re-perf. _____ Conv. to Enhr. _____ Conv. to SWD _____
_____ Plug Back: _____ Plug Back Total Depth _____
_____ Commingled _____ Docket No.: _____
_____ Dual Completion _____ Docket No.: _____
_____ Other (SWD or Enhr.?) _____ Docket No.: _____
January 20, 2010 January 25, 2010 March 31, 2010
Spud Date or _____ Date Reached TD _____ Completion Date or
Recompletion Date _____ Recompletion Date _____

KCC

APR 08 2010

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API No. 15 - 051-25938-0000 "Confidential Request"
Spot Description: SW/4 of S13-T12S-R18W
_____ SE _____ NE _____ SW Sec. 13 Twp. 12 S. R. 18 East West
1725 Feet from North / South Line of Section
2970 Feet from East / West Line of Section
Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
County: Ellis County, Kansas
Lease Name: Arnhold Well #: #1
Field Name: Bemis-Shutts
Producing Formation: Arbuckle
Elevation: Ground: 2163' Kelly Bushing: 2168'
Total Depth: 3732' Plug Back Total Depth: N/A
Amount of Surface Pipe Set and Cemented at: 217 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set: 1391' (DV Tool) _____ Feet
If Alternate II completion, cement circulated from: Surface
feet depth to: 1391' w/ 145 sacks _____ sx cmt.

Drilling Fluid Management Plan AH JLNJ 4-16-10
(Data must be collected from the Reserve Pit)
Chloride content: _____ ppm Fluid volume: 80 bbls
Dewatering method used: Water Hauled
Location of fluid disposal if hauled offsite: _____
Operator Name: Bowman Oil Company
Lease Name: Arnhold #1 License No.: 6931
Quarter SW Sec. 13 Twp. 12 S. R. 18 East West
County: Ellis County, Kansas Docket No.: Reserve Pit

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

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.

Signature: Connie J. Austin
Title: Agent for Bowman Oil Company Date: April 8, 2010
Subscribed and sworn to before me this 8th day of April
20 10
Notary Public: Jackie J. Langholz
Date Commission Expires: _____

NOTARY PUBLIC - State of Kansas
Jackie J. Langholz
My Appt. Expires 2-24-13

KCC Office Use ONLY
 Letter of Confidentiality Received
If Denied, Yes Date: RECEIVED
 Wireline Log Received
 Geologist Report Received APR 14 2010
_____ UIC Distribution
KCC WICHITA

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Operator Name: Bowman Oil Company Lease Name: Arnhold Well #: #1
 Sec. 13 Twp. 12 S. R. 18 East West County: Ellis County, Kansas

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 copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Submit Copy)</i> List All E. Logs Run: Dual Induction Log Dual Compensated Porosity Log Microresistivity Log Computer Processed Interpretation Log	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input checked="" type="checkbox"/> Sample <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:70%;">Name</td> <td style="width:15%;">Top</td> <td style="width:15%;">Datum</td> </tr> <tr> <td>Anhydrite</td> <td>1400'-1402'</td> <td>+ 768</td> </tr> <tr> <td>Base of Anhydrite</td> <td>1438'-1441'</td> <td>+ 730</td> </tr> <tr> <td>Topeka</td> <td>3142'-3143'</td> <td>- 974</td> </tr> <tr> <td>Heebner</td> <td>3376'-3379'</td> <td>- 1211</td> </tr> <tr> <td>Toronto</td> <td>3397'</td> <td>- 1229</td> </tr> <tr> <td>Lansing</td> <td>3421'-3425'</td> <td>- 1257</td> </tr> <tr> <td>Base of Kansas City</td> <td>3660'-3663-</td> <td>- 1492</td> </tr> </table> <p style="text-align: right; font-size: small;">** see below in acid section</p>	Name	Top	Datum	Anhydrite	1400'-1402'	+ 768	Base of Anhydrite	1438'-1441'	+ 730	Topeka	3142'-3143'	- 974	Heebner	3376'-3379'	- 1211	Toronto	3397'	- 1229	Lansing	3421'-3425'	- 1257	Base of Kansas City	3660'-3663-	- 1492
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*Gamma Ray Correlation
Sonic Bond Log*

CASING RECORD <input checked="" type="checkbox"/> New <input type="checkbox"/> Used for additional information							
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	12 1/4"	8 5/8"	23# R-3	217'	60/40 Poz	150 sacks	3%cc, 2% gel
Production	7 7/8"	5 1/2"	15.5# J55 8rd	3727'	EA-2 (Standard)	150 sacks	Flocele, Salt, Calseal, Halad 9

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input checked="" type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone	0 - 1391'	MIDCON II	145 sacks **	Flocele, Salt, Calseal, Halad 9
		Multi-Density Standard		**Rat Hole & Mouse Hole 30 sacks (Swift has 175 sacks-145 sacks)

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type <small>Specify Footage of Each Interval Perforated</small>	Acid, Fracture, Shot, Cement Squeeze Record <small>(Amount and Kind of Material Used)</small>	Depth
24	3690' - 3696'	No Acid	
		** Additional zones of formation	
		Simpson 3670'-3678'	- 1502
		Arbuckle 3688'-3692'	- 1520
		RTD 3732'	

TUBING RECORD:	Size: <u>2 7/8"</u>	Set At: <u>3719'</u>	Packer At: <u>None</u>	Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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Date of First, Resumed Production, SWD or Enhr. <u>April 1, 2010</u>	Producing Method: <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)
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Estimated Production Per 24 Hours	Oil Bbbs. <u>5</u>	Gas Mcf <u>N/A</u>	Water Bbbs. <u>100</u>	Gas-Oil Ratio <u>N/A</u>	Gravity <u>27</u>
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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 checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <input type="checkbox"/> Other (Specify) _____	RECEIVED PRODUCTION INTERVAL: <u>APR 14 2010</u>
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KCC WICHITA

ALLIED CEMENTING CO., LLC.

33752

MAIL TO P.O. BOX 31
RUSSELL, KANSAS 67665

APR 08 2010

SERVICE POINT:

Russell KS

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DATE <u>1-20-10</u>	SEC. <u>13</u>	TWP. <u>12</u>	RANGE <u>18</u>	CALLED OUT	ON LOCATION	JOB START <u>1:00 pm</u>	JOB FINISH <u>1:30 pm</u>
LEASE <u>Arnhold</u>	WELL # <u>1</u>	LOCATION <u>Hays KS North to Buckeye Rd</u>			COUNTY <u>Ellis</u>	STATE <u>KS</u>	
OLD OR <u>NEW</u> (Circle one)			<u>2 1/2 East North into</u>				

CONTRACTOR WW #8
 TYPE OF JOB Surface
 HOLE SIZE 12 1/4 T.D. 218'
 CASING SIZE 8 5/8 23# DEPTH 218'
 TUBING SIZE DEPTH
 DRILL PIPE DEPTH
 TOOL DEPTH
 PRES. MAX MINIMUM
 MEAS. LINE SHOE JOINT
 CEMENT LEFT IN CSG. 15'
 PERFS.
 DISPLACEMENT 12.92 Bbl

OWNER
 CEMENT
 AMOUNT ORDERED 150 60/40 3% cc 2% Gel

EQUIPMENT
 PUMP TRUCK CEMENTER John Roberts
 # 398 HELPER Shane
 BULK TRUCK
 # 410 DRIVER Ren
 BULK TRUCK
 # DRIVER

COMMON	<u>90</u>	@	<u>13.50</u>	<u>1215.00</u>
POZMIX	<u>80</u>	@	<u>7.55</u>	<u>453.00</u>
GEL	<u>3</u>	@	<u>20.25</u>	<u>60.75</u>
CHLORIDE	<u>S</u>	@	<u>51.50</u>	<u>257.50</u>
ASC		@		
		@		
		@		
		@		
		@		
		@		
		@		
		@		
HANDLING	<u>150</u>	@	<u>2.05</u>	<u>307.50</u>
MILEAGE	<u>10/5K/mi</u>			<u>300.00</u>
TOTAL				<u>2623.75</u>

REMARKS:

Est Circulation
Mix 150sk cement
Displace w/ 12.92 Bbl H2O
Cement Did Circulate!
Thank You.

SERVICE

DEPTH OF JOB
 PUMP TRUCK CHARGE 991.00
 EXTRA FOOTAGE @
 MILEAGE 20 @ 7.00 140.00
 MANIFOLD @
 @
 @
 TOTAL 1131.00

CHARGE TO: Bowman Oil
 STREET
 CITY STATE ZIP

PLUG & FLOAT EQUIPMENT

To Allied Cementing Co., LLC.
 You are hereby requested to rent cementing equipment

RECEIVED
 @
 APR 14 2010
 @
 KOC WICHITA
 @



CHARGE TO: Bowman Oil
 ADDRESS:
 CITY, STATE, ZIP CODE:

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TICKET No 16698

PAGE 1 OF 2

1. SERVICE LOCATIONS <u>HAYS</u>	WELL/PROJECT NO. <u>1</u>	LEASE <u>ARNOLD</u>	COUNTY/PARISH <u>ELLIS</u>	STATE <u>KS</u>	CITY	DATE <u>01/24/10</u>	OWNER
2. <u>NESS</u>	TICKET TYPE <input checked="" type="checkbox"/> SERVICE <input type="checkbox"/> SALES	CONTRACTOR	RIG NAME/NO. <u>WLDJRLG 48</u>	SHIPPED VIA <u>C.T.</u>	DELIVERED TO <u>2nd 1/2, HAYS</u>	ORDER NO.	
3.	WELL TYPE <u>OIL</u>	WELL CATEGORY <u>Develop</u>	JOB PURPOSE <u>2-STAGE LONGSTRING</u>	WELL PERMIT NO. <u>15-251-25938</u>	WELL LOCATION <u>S13.712.218</u>		
4. REFERRAL LOCATION	INVOICE INSTRUCTIONS						

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		UNIT PRICE		AMOUNT	
		LOC	ACCT	DF			UM		UM		
575		1			MILEAGE #112	40	mi		5.00	200	00
579		1			Pump Service	1	EA		1750.00	1750	00
221		1			Liquid Well RECEIVED	4	GR		25.00	100	00
281		1			MWD FLUSH APR 14 2010	500	GAL		1.00	500	00
290		1			D AIR	2	GAL		35.00	70	00
402		1			CENTRALIZER KCC WICHITA	6	EA	5 1/2	55.00	330	00
403		1			CMT BASKET	1	EA	5 1/2	180.00	180	00
407		1			INJECT FLOAT SHOC. 1/2 AUTOMATIC	1	EA	5 1/2	275.00	275	00
408		1			D.V. TOOL & PLUG SET	1	EA	5 1/2	2550.00	2550	00
417		1			D.V. LATEN DOWN RUNS & BAFFLE	1	EA	5 1/2	200.00	200	00
419		1			ROTATING HEAD REMAR	1	EA	5 1/2	150.00	150	00

LEGAL TERMS: Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include, but are not limited to, **PAYMENT, RELEASE, INDEMNITY, and LIMITED WARRANTY** provisions.

MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS

X Kerry W. Piestras
 DATE SIGNED 01/24/10 TIME SIGNED 1100 A.M. P.M.

REMIT PAYMENT TO:
 SWIFT SERVICES, INC.
 P.O. BOX 466
 NESS CITY, KS 67560
 785-798-2300

SURVEY	AGREE	UN-DECIDED	DIS-AGREE		
OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?				PAGE TOTAL	6305 00
WE UNDERSTOOD AND MET YOUR NEEDS?				PAGE 2	6112 60
OUR SERVICE WAS PERFORMED WITHOUT DELAY?				sub TOTAL	12,417 60
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?				ELLIS TAX 5.3%	493 83
ARE YOU SATISFIED WITH OUR SERVICE? <input type="checkbox"/> YES <input type="checkbox"/> NO				TOTAL	12,911 43
<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND					

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES The customer hereby acknowledges receipt of the materials and services listed on this ticket.

OPERATOR Dave [Signature] APPROVAL _____

Thank You!

JOB LOG

SWIFT Services, Inc.

DATE 01-24-10 PAGE NO. 1

CUSTOMER BELMADIL WELL NO. 1 LEASE ARNOLD JOB TYPE 2 STAGE TICKET NO. 16698

CHART NO.	TIME	RATE (BPM)	VOLUME (BBU) (GAL)		PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
					T	C	TUBING	CASING	
	1100								ON LOCATION
									CMT: 150S, EA-2 BITTEN, 175 SWS, MD TOP
									RTO 3732, SET PER @ 3731, ST 43, 10, JACKET 3628
									5H 15.5" / 1" NEW, D.V. TOP # 56, 1394 FT
									CMT 1, 3, 5, 8, 10, 59 BASKET 56
	1230								START SUBFLOW EQV
	1420								TAC BITTEN - DROP BALL
	1425								BREAK IIRC - PLUG
	1500	5.0	12			✓		200	PERFORM PLUS MUD FLUSH 500, 502S
			20			✓			WCL FLUSH
			36.5			✓			EA-2 CMT
									DROPLED PLUS, WASH OUT PL
	1515	6.0	0			✓		200	START DISP 1/120
			54.5			✓		200	" " 1/120
			70.0			✓		500	" " 1/120
			75.0			✓		600	
			80.0			✓		700	
	1530	4.5	87.7			✓		1600	LAND PLUS, RELEASE - DRY
	1535								DROP D.V. OPENING DRY
	1540		7.0						PLUG RH 3DSWS
	1550					✓		1100	OPEN DIV.
		5.5	0			✓		300	START SMD @ 112
			55			✓			" " " 110
			67			✓			END CMT
									DROP D.V. CLOSING PLUS
	1605	6.0	0			✓		200	ST. DISP
			23.0			✓		400	CIRC CMT
	1615		33.2			✓		1400	LAND PLUG, CLOSE DIV.
									20 SWS TO PIT!
	1700								JOB COMPLETE

* DV Tool cemented with 145 sacks
+ 30 sacks in rat mouse hole

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RECEIVED
APR 14 2010
KCC WICHITA

THANK YOU!
DAVE, JOE & B LANE