

ORIGINAL

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

Form ACO-1  
September 1999  
Form Must Be Typed

WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License # 5135  
Name: John O. Farmer, Inc.  
Address: P.O. Box 352  
City/State/Zip: Russell, KS 67665  
Purchaser: \_\_\_\_\_  
Operator Contact Person: Marge Schulte  
Phone: (785) 483-3145, Ext. 214  
Contractor: Name: WW Drilling, LLC  
License: 33575  
Wellsite Geologist: Randall Kilian

Designate Type of Completion:  
 New Well \_\_\_\_\_ Re-Entry \_\_\_\_\_ Workover  
\_\_\_\_\_ Oil  SWD \_\_\_\_\_ SIOW \_\_\_\_\_ Temp. Abd.  
\_\_\_\_\_ Gas \_\_\_\_\_ ENHR \_\_\_\_\_ SIGW  
\_\_\_\_\_ Dry \_\_\_\_\_ Other (Core, WSW, Expl., Cathodic, 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./SWD.  
\_\_\_\_\_ Plug Back \_\_\_\_\_ Plug Back Total Depth \_\_\_\_\_  
\_\_\_\_\_ Commingled \_\_\_\_\_ Docket No. \_\_\_\_\_  
\_\_\_\_\_ Dual Completion \_\_\_\_\_ Docket No. \_\_\_\_\_  
\_\_\_\_\_ Other (SWD or Enhr.?) \_\_\_\_\_ Docket No. \_\_\_\_\_

9-17-08	9-23-08	1-22-09
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 065-23,476-00-00  
County: Graham  
\_\_\_\_\_ SE SE SE Sec. 28 Twp. 9 S. R. 22  East  West  
330 371 feet from (S) N (circle one) Line of Section  
330 484 feet from (E) W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:  
(circle one) NE (SE) NW SW *for 1/22/09*  
Lease Name: White "A" Well #: 4  
Field Name: Ironclad West

Producing Formation: (disposal into Arbuckle)  
Elevation: Ground: 2369' Kelly Bushing: 2374'  
Total Depth: 4149' Plug Back Total Depth: NA  
Amount of Surface Pipe Set and Cemented at 218' Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set \_\_\_\_\_ Feet  
If Alternate II completion, cement circulated from 4079  
feet depth to surface w/ 450 (cemented top to bottom) sx cmt.

Drilling Fluid Management Plan AH II NR 3-23-09  
(Data must be collected from the Reserve Pit)

Chloride content 23,000 ppm Fluid volume 900 bbls  
Dewatering method used evaporation

Location of fluid disposal if hauled offsite: \_\_\_\_\_  
Operator Name: \_\_\_\_\_  
Lease Name: \_\_\_\_\_ License No.: \_\_\_\_\_  
Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West  
County: \_\_\_\_\_ Docket No.: \_\_\_\_\_

**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: John O. Farmer, Jr.  
Title: Vice President Date: 2-3-09

Subscribed and sworn to before me this 3rd day of February, 2009.

Notary Public: Margaret A. Schulte

Date Commission Expires: \_\_\_\_\_

**KCC Office Use ONLY**

Letter of Confidentiality Received  
 If Denied, Yes  Date: \_\_\_\_\_  
 Wireline Log Received  
 Geologist Report Received  
 UIC Distribution

**RECEIVED**  
KANSAS CORPORATION COMMISSION  
*(Permit used 2/3/09 by TW)*  
**FEB 04 2009**

ORIGINAL

Side Two

Operator Name: John O. Farmer, Inc. Lease Name: White "A" Well #: 4  
Sec. 28 Twp. 9 S. R. 22  East  West County: Graham

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 <i>(Attach Additional Sheets)</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Anhydrite	1858'	(+516)
Electric Log Run <i>(Submit Copy)</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Topeka	3359'	(-985)
List All E. Logs Run:		Heebner	3579'	(-1205)
		Toronto	3602'	(-1228)
		Lansing	3617'	(-1243)
		Base/KC	3841'	(-1467)
		Arbuckle	3994'	(-1620)
		L.T.D.	4084'	(-1710)

Dual Compensated Porosity Log, Dual Induction Log, Microresistivity Log, Sonic Cement Bond Log

CASING RECORD <input checked="" 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
Surface	12-1/4"	8-5/8"	23#	218'	Common	150	3% C.C., 2% gel
Production (SWD)	7-7/8"	5-1/2"	14#	4079'	SMD	450	
(15 sks. cement rat hole)		(10 sks. cement mouse hole)					

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Casing				
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> 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
Open Hole	4079-4149'	None - completed natural	

TUBING RECORD	Size 2-7/8"	Set At 4112'	Packer At 4037'	Liner Run <input type="checkbox"/> Yes <input checked="" 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 checked="" type="checkbox"/> Other (Explain)			
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio 1500 maximum

Disposition of Gas:  Vented  Sold  Used on Lease  Open Hole  Perf.  Dually Comp.  Commingled  Other (Specify)

METHOD OF COMPLETION:  Open Hole  Perf.  Dually Comp.  Commingled

Production Interval: 4079-4149' (SWD interval)

# ALLIED CEMENTING CO., LLC. 34574

## COPY

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

SERVICE POINT:

Russell

DATE <u>9-17-08</u>	SEC. <u>26</u>	TWP. <u>9</u>	RANGE <u>24</u>	CALLED OUT	ON LOCATION	JOB START <u>7:00 p.m.</u>	JOB FINISH <u>7:30 p.m.</u>
Schwabert LEASE <u>WHITE A</u> WELL # <u>254</u>				LOCATION <u>Wakeeney N Redline Rd SE</u>	COUNTY <u>Graham</u>	STATE <u>KS</u>	
OLD OR <u>(NEW)</u> (Circle one)				<u>150 Winto</u>			

CONTRACTOR WLD 6

TYPE OF JOB Surface

HOLE SIZE 12 1/4 T.D. 219

CASING SIZE 8 1/8 25# DEPTH 218

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

OWNER

CEMENT

AMOUNT ORDERED 150 Com 3%bcc  
2%bcc

CEMENT LEFT IN CSG. 15'

PERFS.

DISPLACEMENT 1380

EQUIPMENT

COMMON	<u>150</u>	@	<u>13.50</u>	<u>2025.00</u>
POZMIX		@		
GEL	<u>3</u>	@	<u>20.25</u>	<u>60.75</u>
CHLORIDE	<u>5</u>	@	<u>51.50</u>	<u>257.50</u>
ASC		@		
HANDLING	<u>158</u>	@	<u>2.25</u>	<u>355.50</u>
MILEAGE	<u>104/sk/mile</u>			<u>790.00</u>
TOTAL				<u>3488.75</u>

PUMP TRUCK CEMENTER Craig

# 417 HELPER Matt

BULK TRUCK

# 378 DRIVER Rocky

BULK TRUCK

# DRIVER

REMARKS:

Cement Circulated!

SERVICE

DEPTH OF JOB				
PUMP TRUCK CHARGE				<u>99.00</u>
EXTRA FOOTAGE		@		
MILEAGE	<u>50</u>	@	<u>7.50</u>	<u>375.00</u>
MANIFOLD		@		
TOTAL				<u>1366.00</u>

PLUG & FLOAT EQUIPMENT

		@		
		@		
	<u>2 3/8 Wood Plug</u>	@		<u>166.00</u>
TOTAL				<u>166.00</u>

CHARGE TO: JD Farmer

STREET

CITY STATE ZIP

To Allied Cementing Co., LLC.  
You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

PRINTED NAME Sid Deutscher

SIGNATURE Sid Deutscher

SALES TAX (If Any)

TOTAL CHARGES

DISCOUNT IF PAID IN 30 DAYS

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CONSERVATION DIVISION  
WICHITA KS

**JOB LOG**

**SWIFT Services, Inc.**

DATE 09/23/08 PAGE NO. 1

CUSTOMER JOHN O. FARMER WELL NO. A4 LEASE WHITE JOB TYPE LONGSTRING TICKET NO. 13364

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	0200							DUPLICATION, DISCUSS JOB, CMT: 470 SWS S.M.D, 1/4" FLOCEL RTD 4001, SET PACE @ 4079, SJ 15.29, FREECY 4064 CSG 5 1/2 14 1/4" CMT 1,3,5,7,9,14,55,80, BASMET 2,15,55,81
	0255							START CSG @ FLOATER V
	01:30							TRK. BOTTOM - DROP BALL Hookup
	01:40							BREAK CIRCA ROTATE PIPE
	02:10		6.0					PLUG RAT HOLE 2DSWS
	02:15	60	0		✓		300	START NCL SPACER
			10		✓			" FLOCHECK @ 500GALS
			22		-			" NCL SPACER
			32		-			END FLUSHES
	02:20	60	0		-		300	<del>START CMT 380 SWS @ 1157</del>
			87.5		-			FLOCHECK ON BITTEN
			99.5		-			CMT ON BITTEN
			150.0		-			
			210.0		-			<del>START 7.D.SWS @ 1157</del>
	03:05		230.0		-		400	END CMT
								DROP LATCH DOWN PLUG, WASH OUT PL.
	03:10	50	0		-		200	START DISP.
		50	400		-		300	
		20	600		-		300	CIRC CMT TO PIT! Run out of water
		20	800		-		600	75 SWS Seal rate down
		20	850		-		800	
		40	900		-		800	
		40	950		-		900	
	03:45	4.0	99.1		-		1400	LAND PLUG
	03:50				-			PLEASE DRY!
								RECEIVED KANSAS CORPORATION COMMISSION
								WASHUP, Breakup, TICKETS
								FEB 04 2009
	04:30							CONSERVATION DIVISION WICHITA, KS
								JOB COMPLETE
								THANK YOU!
								DAVE, JOSH, DON

COPY

Duane K. Eichman  
1530 AA Road  
Plainville, KS 67663  
Home (785) 434-7510  
Mobile (785) 483-8355

# John O. Farmer, Inc.

## White A #4 SWD

28-9S-22W  
Graham County, Kansas

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WICHITA, KS

### December 8, 2008

Log-Tech Inc. ran a dual receiver cement bond log, from 4,060 ft. to the surface, and rigged up Poe Servicing Inc. double drum derrick unit, and moved in Poe Servicing Inc. 10 ft. by 15 ft. tall 210 Bbl. swab tank. Poe Servicing Inc. cleaned out the rotary working pits, with their back hoe, and lined the working pits, with a six mill pit liner, and delivered 142 joints of 2 & 7/8" tubing work string, from the Russell yard, and Rush Tank Service Inc. filled the swab tank, and working pits, with lease water.

### December 9, 2008

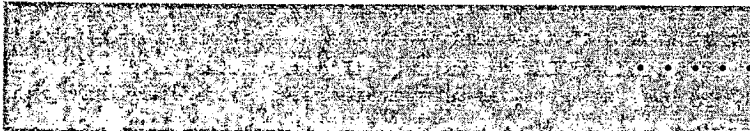
Golden B Hydro Inc. moved in three 3 1/2" drill collars, and shut down for the day, because of bad weather.

### December 10, 2008

Ran in a 4 & 7/8" type C2 Varel bit, three 3 1/2" drill collars, and 127 joints of 2 & 7/8" tubing to 4,060 ft., and rigged up Golden B Hydro Inc mud pump and swivel, and drilled out the baffle plate at 4,063 ft. and the float shoe at 4,079 ft, and drilled out open hole from 4,079 ft. to 4,100 ft., drilling up returns the short way, with the swivel turning 96 RPM with 1,200 lb. of torque on it, pumping at a rate of 2 1/2" Bbl. a minute. Cleaned up the returns for ten minutes, and pulled the bit up to 4,012 ft. and shut down for the day.

### December 11, 2008

Ran the bit on down to 4,100 ft. and started to load the well with lease water, then the mud pump operator had to change out Golden B Hydro Inc. pressure gauge on their mud pump, and cleaned out the valves on the mud pump, and than pumped 70 Bbl. of water down the well, to break circulation, and drilled on down to 4,130 ft. the short way, at a rate of one ft. in twelve minutes, making only 30 ft. losing twenty Bbl. of water per hour. Rush Tank Service Inc. refilled the working pits, and swab tank, with lease water. Pulled the bit, work string, and the drill collars from the well, and replaced the bit with a new Varel 4 & 7/8" rock bit, and ran back the three drill collars, and eighteen joints of the tubing work string, back into the well, and shut down for the day.



**December 12, 2008**

Ran the bit on down to 4,130 ft. and pumped 70 bbl. of water down the well, to break circulation, and began drilling new open hole, the short way, on down to 4,145 ft. with a drilling rate of one ft. in 5 ½ minutes, and a pumping rate of 2 ½ Bbl. a minute, losing thirty Bbl. of water an hour, down the well, when the well began to drill out real soft at 4,145 ft. and lost circulation at **4,149 ft.** Increased the mud pumps pumping rate to 3 ½ Bbl. a minute, for ten minutes, and could not get circulation back on the well. Pulled the work string, drill collars, and bit from the well, and released the double drum pulling unit, mud pump and swivel from the well, and shut down for the day.

**January 21, 2009**

Rigged up Poe Servicing Inc. double drum derrick pulling unit, and Denning Trucking Inc. delivered 130 joints of ceram-coat 2 7/8" tubing to the well, and ran in 75 ft. of 2 7/8" Koch fiber glass tubing, underneath a 5 ½" by 2 ½" Halliburton R4 packer, and 124 joints of ceram-coat 2 7/8" tubing, in the well, and set the packer to the left at 4,037 ft. and left the tubing hanging in free weight. Keller Tank Service Inc. was on location with 80 Bbl. of fresh water, and Rush Tank Service Inc. was on location, with an additional 50 Bbl., of fresh water. Keller Tank service Inc. loaded the back side of the well, with 70 bbl. of fresh water, mixed with five gal. of Baker WCI 1000 packer fluid and set down on the packer, in set down position, leaving only 3,000 lb. of tubing weight, hanging in the tubing head. Rush Tank Service Inc. reloaded Keller Tank Service Inc. pressure truck with 50 Bbl. of fresh water, and Keller Tank Service Inc. topped off the annalist of the well, with an additional 20 bbl. of fresh water. Weighted five hours to get an MIT test on the well, but could not get an MIT test on the well, because the chemical in the water kept foaming back out of the annalist, of the well. Shut down for the day.

**January 22, 2009**

Keller Tank Service Inc. loaded the annalist, of the well, with 17 Bbl. of fresh water, left over on their truck, from the day before, and pressured the annalist to 300 lb. The pressure bled off to 250 lb. in 15 minutes. Tightened the tubing head, and put a pressure gauge on the annalist, of the well, and pressured the annalist to 300 lb. and shut in the valve, on the annalist, of the well. The pressure held on the annalist, of the well, for 45 minutes. The well past the MIT, and released the double drum pulling unit, and the tank truck from the well.

*Duane K. Eichman*

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