

CONFIDENTIAL

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION  
WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

ORIGINAL

Form ACO-1  
September 1999  
Form Must Be Typed

8/3/09

Operator: License # 5135  
Name: John O. Farmer, Inc.  
Address: P.O. Box 352  
City/State/Zip: Russell, KS 67665  
Purchaser: NCRA  
Operator Contact Person: Marge Schulte  
Phone: (785) 483-3145, Ext. 214  
Contractor: Name: Discovery Drilling Company, Inc.  
License: 31548  
Wellsite Geologist: Randall Kilian

KCC  
AUG 03 2007  
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Designate Type of Completion:  
 New Well  Re-Entry  Workover  
 Oil  SWD  SLOW  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. \_\_\_\_\_  
4-16-07                      4-23-07                      5-4-07  
Spud Date or                      Date Reached TD                      Completion Date or  
Recompletion Date                                           Recompletion Date

API No. 15 - 135-24,633-00-00  
County: Ness  
App. SE SW SW Sec. 18 Twp. 17 S. R. 24  East  West  
425 feet from S N (circle one) Line of Section  
775 feet from E / W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:  
(circle one) NE SE NW SW  
Lease Name: Potter "D" Well #: 2  
Field Name: Aldrich NE  
Producing Formation: Cherokee Sand  
Elevation: Ground: 2400' Kelly Bushing: 2408'  
Total Depth: 4485' Plug Back Total Depth: 4456'  
Amount of Surface Pipe Set and Cemented at 211 Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set Port Collar @ 1681 Feet  
If Alternate II completion, cement circulated from 1681  
feet depth to surface w/ 130 sx cmt.

Drilling Fluid Management Plan AH-4 NJ 2/6/09  
(Data must be collected from the Reserve Pit)  
Chloride content 16,000 ppm Fluid volume 300 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 III  
Title: President Date: 8-3-07  
Subscribed and sworn to before me this 3rd day of August,  
20 07.  
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  
AUG 06 2007

CONSERVATION DIVISION  
WICHITA, KS

Operator Name: John O. Farmer, Inc. Lease Name: Potter "D" Well #: 2  
 Sec. 18 Twp. 17 S. R. 24  East  West County: Ness

**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 checked="" type="checkbox"/> Yes <input 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:  <b>Microresistivity Log, Dual Induction Log, Dual Compensated Porosity Log</b>	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input 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>1676'</td> <td>+732</td> </tr> <tr> <td>Heebner</td> <td>3728'</td> <td>(-1320)</td> </tr> <tr> <td>Lansing</td> <td>3769'</td> <td>(-1361)</td> </tr> <tr> <td>Base/KC</td> <td>4063'</td> <td>(-1655)</td> </tr> <tr> <td>Pawnee</td> <td>4189'</td> <td>(-1781)</td> </tr> <tr> <td>Fort Scott</td> <td>4268'</td> <td>(-1860)</td> </tr> <tr> <td>Cherokee Sand</td> <td>4346'</td> <td>(-1938)</td> </tr> <tr> <td>Mississippi</td> <td>4408'</td> <td>(-2000)</td> </tr> </table>	Name	Top	Datum	Anhydrite	1676'	+732	Heebner	3728'	(-1320)	Lansing	3769'	(-1361)	Base/KC	4063'	(-1655)	Pawnee	4189'	(-1781)	Fort Scott	4268'	(-1860)	Cherokee Sand	4346'	(-1938)	Mississippi	4408'	(-2000)
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CASING RECORD <input checked="" 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	12-1/4"	8-5/8"	23#	211'	Common	150	3% C.C., 2% Gel
Production	7-7/8"	5-1/2"	14#	4482'	EA-2	150	
Port Collar				1681'	QMD	130	

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 (Amount and Kind of Material Used)	Depth
4 SPF	4347-52' & 4355-58' (Mississippi)	500 gals. 7.5% MCA w/10% Alcohol	

TUBING RECORD		Size Set At	Packer At	Liner Run
2-7/8"		4452'		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumerd Production, SWD or Enhr. 5-16-07		Producing Method		
		<input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)		
Estimated Production Per 24 Hours	Oil Bbls. 20.00	Gas Mcf	Water Bbls. 20.00	Gas-Oil Ratio 38.0°

Disposition of Gas	METHOD OF COMPLETION	Production Interval
<input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	<input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <input type="checkbox"/> Other (Specify) _____	4347-4358' OA



# QUALITY OILWELL CEMENTING, INC.

Phone 785-483-2025  
Cell 785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

No. 1209

Date	4-16-07	Sec.	18	Twp.	17	Range	24	Called Out		On Location		Job Start		Finish	9:00 PM
Lease	Patton D	Well No.	2		Location			Arnold 1E 4S		Mass County		KS	State		
Contractor	Discovery Drilling Rig 3							Owner	To Quality Oilwell Cementing, Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.						
Type Job	Surface							Charge To	J.O. Farmer, Inc.						
Hole Size	12 1/4		T.D.	211											
Csg.	8 3/4 2315		Depth	210											
Tbg. Size			Depth	KCC											
Drill Pipe			Depth	AUG 03 2007											
Tool			Depth	CONFIDENTIAL											
Cement Left in Csg.	10-15		Shoe Joint												
Press Max.			Minimum												
Meas Line			Displace	17 1/2 Bbl											
Perf.								Amount Ordered	150 Com 30 CC 2 1/2 bbl						
<b>EQUIPMENT</b>								Consisting of							
Pumptrk 1	No.	Cementer						Common							
		Helper													
Bulktrk 2	No.	Driver						Poz. Mix							
		Driver													
Bulktrk	No.	Driver						Gel.							
		Driver													
<b>JOB SERVICES &amp; REMARKS</b>								Chloride							
								Hulls							
Pumptrk Charge															
Mileage 24															
Footage															
Total															
Remarks: Cement did Circulate								Sales Tax							
								Handling							
								Mileage 24							
								Sub Total							
								Total							
								Floating Equipment & Plugs	<b>RECEIVED</b>						
								Squeeze Manifold	KANSAS CORPORATION COMMISSION						
								Rotating Head	<b>AUG 06 2007</b>						
								CONSERVATION DIVISION	WICHITA, KS						
Thank You								Tax							
								Discount							
								Total Charge							
Signature: <i>John Walker</i>															

**JOB LOG**

**SWIFT Services, Inc.**

DATE 4-23-07 PAGE NO. 1

CUSTOMER JOHN O FARMER WELL NO. #2 LEASE POTTER JOB TYPE 5 1/2" LONGSTRAW TICKET NO. 12096

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL/HR)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1830							ON LOCATION
	2030							START 5 1/2" CASING WELL
								TD- 4485 SET= 4483
								TP- 4485 5 1/2-14"
								ST- 21.17
								CENTERS - 1, 3, 5, 7, 9, 11, 69
								CMT BSSES - 2, 12, 70
								PORT COLLAR = 1681 TOP JT# 70
	2235							DROP BALL - CALCULATE ROTATE
	2310	6	12			500		PUMP 500 GAL MUDFLUSH
	2312	6	20			500		PUMP 20 BBLs KCL FLUSH
	2318		4 1/2					PLUG RH-MH
	2322	5	42			350		MIX CEMENT - 175 SLS EA-2
	2335							WASH OUT PUMP LINES
	2336							RELEASE CATCH DOWN PLUG
	2338	7	0					DISPLACE PLUG
		6 1/2	98			750		SHUT OFF RECORD
	2353	6	108.9			1500		PLUG DOWN - PSE UP CATCH IN PLUG
	2355						OK	RELEASE PSE-HELD
								WASH MUCK
	0100							JOB COMPLETE

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RECEIVED  
KANSAS CORPORATION COMMISSION

AUG 06 2007

CONSERVATION DIVISION  
WICHITA, KS

THANK YOU  
WANK, JUSTY, JEFF

# QUALITY OILWELL CEMENTING, INC.

Foot [redacted]

Phone 785-483-2025  
Cell 785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

No. 1511

Date	Sec.	Twp.	Range	Called Out	On Location	Job Start	Finish
5-1-07					10:00 AM	12:00 PM	1:10 PM
Lease	Well No.	Location		County	State		
Contractor				Owner			
Type Job				To Quality Oilwell Cementing, Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.			
Hole Size		T.D.		Charge To			
Csg.		Depth		Street			
Tbg. Size		Depth		City State			
Drill Pipe		Depth		City State			
Tool		Depth		The above was done to satisfaction and supervision of owner agent or contractor.			
Cement Left in Csg.		Shoe Joint		<p style="text-align: right;"><b>KCC</b> AUG 2007 <b>CONFIDENTIAL</b></p>			
Press Max.		Minimum					
Meas Line		Displace					
Perf.				CEMENT			

EQUIPMENT				Amount Ordered	
Pumptrk	No.	Cementer Helper	Brandon	225	
Bulktrk	No.	Driver	Dan	130	17.50
Bulktrk	No.	Driver	Steve		2275.00

JOB SERVICES & REMARKS				Gel.	
Pumptrk Charge	port collar	750.00		Chloride	
Mileage	24 @ 5.00	120.00		Hulls	
Footage				Salt	
Total		870.00		Flowseal	56 @ 2.00 = 112.00

Remarks:					
				Sales Tax	
				Handling	225 @ 1.90 = 427.50
				Mileage	8 @ 5.25 per mile = 420.00
				PUMP TRUCK CHARGE	870.00
				Sub Total	870.00
				Total	

Quality Oilwell Cementing

Floating Equipment & Plugs					
Squeeze Manifold					
Rotating Head					
				<p><b>RECEIVED</b> KANSAS CORPORATION COMMISSION AUG 06 2007 CONSERVATION DIVISION WICHITA, KS</p>	
Signature				Tax	126.51
				Discount	(912.00)
				Total Charge	