

CONFIDENTIAL

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

ORIGINAL

9/31/09
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: NCRA
Operator Contact Person: Marge Schulte
Phone: (785) 483-3145, Ext. 214
Contractor: Name: Discovery Drilling Company, Inc.
License: 31548
Wellsite Geologist: Randall Kilian

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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. _____

4-5-07 4-11-07 5-16-07
Spud Date or Date Reached TD Completion Date or
Recompletion Date: Recompletion Date

API No. 15 - 135-24,626-00-00
County: Ness
App. SW - NE - NW Sec. 14 Twp. 17 S. R. 25 East West
1120 feet from S / (N) (circle one) Line of Section
1660 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 "F" Well #: 1
Field Name: (wildcat)

Producing Formation: Mississippi
Elevation: Ground: 2453' Kelly Bushing: 2461'
Total Depth: 4494' Plug Back Total Depth: 4462'
Amount of Surface Pipe Set and Cemented at 211 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set Port Collar @ 1766' Feet
If Alternate II completion, cement circulated from 1766
feet depth to surface w/ 145 sx cmt.

Drilling Fluid Management Plan Alt II NS 1-2209
(Data must be collected from the Reserve Pit)
Chloride content 18,000 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.

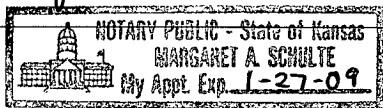
All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature: John O. Farmer, Inc.
Title: Vice-President Date: 7-31-07

Subscribed and sworn to before me this 31st day of July,
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 01 2007

Operator Name: John O. Farmer, Inc. Lease Name: Potter "F" Well #: 1
 Sec. 14 Twp. 17 S. R. 25 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: Microresistivity Log, Dual Induction Log, Dual Compensated Porosity Log, Borehole Compensated Sonic Log, Dual Receiver Cement Bond Log	<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>1779'</td> <td>(+682)</td> </tr> <tr> <td>Base/Anhydrite</td> <td>1809'</td> <td>(+652)</td> </tr> <tr> <td>Heebner Shale</td> <td>3789'</td> <td>(-1328)</td> </tr> <tr> <td>Toronto</td> <td>3814'</td> <td>(-1353)</td> </tr> <tr> <td>Lansing</td> <td>3831'</td> <td>(-1370)</td> </tr> <tr> <td>Base/KC</td> <td>4129'</td> <td>(-1668)</td> </tr> <tr> <td>Ft. Scott</td> <td>4326'</td> <td>(-1865)</td> </tr> <tr> <td>Mississippi</td> <td>4418'</td> <td>(-1957)</td> </tr> </table>	Name	Top	Datum	Anhydrite	1779'	(+682)	Base/Anhydrite	1809'	(+652)	Heebner Shale	3789'	(-1328)	Toronto	3814'	(-1353)	Lansing	3831'	(-1370)	Base/KC	4129'	(-1668)	Ft. Scott	4326'	(-1865)	Mississippi	4418'	(-1957)
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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#	211'	Common	150	3% C.C., 2% Gel
Production	7-7/8"	5-1/2"	14#	4492'	EA-2	150	
Port Collar				1766'	QMD	145	1/4# floseal/sk.

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
4 SPF	4422-30' (Mississippi)	750 gals. 15% NE	

TUBING RECORD		Size	Set At	Packer At	Liner Run
		2-7/8"	4458"		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumerd Production, SWD or Enhr. June 1, 2007			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.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	40.00		0.00		38.0°

Disposition of Gas Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled 4422-30' (Mississippi)
(If vented, Submit ACO-18.) Other (Specify) _____



Discovery Drilling

P.O. Box 763 • Hays, KS 67601 • OFFICE (785) 623-2920 • CELLULAR (785) 635-1511

DRILLER'S LOG

Operator: **John O. Farmer, Inc. LIC# 5135**
PO box 352
Russell, KS 67665

Contractor: **Discovery Drilling Co., Inc. LIC#31548**
PO Box 763
Hays, KS 67601

Lease: Potter "F" #1

Location: 130' S & 10' E of SW / NE / NW
Sec. 14 / 17S / 25W
Ness Co., KS

Loggers: Total Depth: 4491'

API#-15- 135-24, 626-00-00

Rotary Total Depth: 4494'

Elevation: 2453' GL / 2461' KB

Commenced: 4/5/2007

Completed: 4/12/2007

Casing: 8 5/8" @ 210.62' w / 150 sks
5 1/2" @ 4491.90' w / 150 sks
(Port Collar @ 1766')

Status: Oil Well

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DEPTHS & FORMATIONS (All from KB)

Surface, Sand & Shale	0'	Shale	1809'
Dakota Sand	1018'	Shale & Lime	2342'
Shale	1102'	Shale	2660'
Cedar Hill Sand	1248'	Shale & Lime	3102'
Red Bed Shale	1522'	Lime & Shale	3600'
Anhydrite	1780'	RTD	4494'
Base Anhydrite	1809'		

STATE OF KANSAS)
) ss
COUNTY OF ELLIS)

Thomas H. Alm of Discovery Drilling states that to the best of his knowledge the above and foregoing is a true and correct log of the above captioned well.

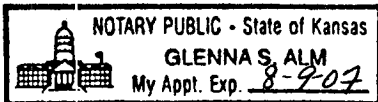
Thomas H. Alm

Subscribed and sworn to before me on 4-16-07

My Commission expires: 8-9-07

(Place stamp or seal below)

Glenna S. Alm
Notary Public



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KANSAS CORPORATION COMMISSION

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CONSERVATION DIVISION
WICHITA, KS

ALLIED CEMENTING CO., INC.

30151

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

COPY SERVICE POINT: 403

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DATE <u>4-5-07</u>	SEC. <u>14</u>	TWP. <u>17</u>	RANGE <u>25</u>	CALLED OUT <u>3:30pm</u>	ON LOCATION <u>7:30am</u>	JOB START <u>8:30am</u>	JOB FINISH <u>1:30pm</u>
LABOR <u>Boher</u>	WELL# <u>"F" 1</u>	LOCATION <u>Arnold 1/2 3/4 W 5/8</u>			COUNTY <u>Ness</u>	STATE <u>KS</u>	
OLD OR <input checked="" type="radio"/> NEW (Circle one)							

CONTRACTOR Discover Rig 3

TYPE OF JOB Surface

HOLE SIZE 12 1/2 T.D. 211 ft

CASING SIZE 8 5/8 DEPTH 211 ft

TUBING SIZE _____ DEPTH _____

DRILL PIPE _____ DEPTH _____

TOOL _____ DEPTH _____

PRES. MAX _____ MINIMUM _____

MEAS. LINE _____ SHOE JOINT _____

CEMENT LEFT IN CSG. 15 ft

PERFS. _____

DISPLACEMENT 12 bbl

OWNER _____

CEMENT AMOUNT ORDERED 160 lb Common

32cc 28 gal

COMMON	<u>160 lb</u>	@	<u>11.10</u>	<u>1776.00</u>
POZMIX		@		
GEL	<u>3.44</u>	@	<u>16.65</u>	<u>49.95</u>
CHLORIDE	<u>5.00</u>	@	<u>46.00</u>	<u>233.00</u>
ASC		@		
HANDLING	<u>160 lb</u>	@	<u>1.90</u>	<u>319.20</u>
MILEAGE	<u>168 mi 09 24</u>	@	<u>2.10</u>	<u>362.88</u>
TOTAL				<u>2741.03</u>

EQUIPMENT

PUMP TRUCK CEMENTER Mike M.

120 HELPER Dawyne W.

BULK TRUCK DRIVER Kevin D.

_____ DRIVER _____

REMARKS:

Circulate Hole with Rig mud pump
Mix Cement + Release Plug Displace
Plug Down with water

Cement did Circulate
to surface

SERVICE

DEPTH OF JOB	<u>211 ft</u>		
PUMP TRUCK CHARGE			<u>815.00</u>
EXTRA FOOTAGE		@	
MILEAGE	<u>24</u>	@	<u>6.00</u>
MANIFOLD		@	
TOTAL <u>999.00</u>			

CHARGE TO: John O Farmer Inc

STREET _____

CITY _____ STATE _____ ZIP _____

PLUG & FLOAT EQUIPMENT

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KANSAS CORPORATION COMMISSION _____

AUG 01 2007 _____

To Allied Cementing Co., Inc.
 You are hereby requested to rent cementing equipment and furnish cementer and helper 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 & understand the "TERMS AND CONDITIONS" listed on the reverse side.

CONSERVATION DIVISION WICHITA, KS TOTAL _____

TAX _____

TOTAL CHARGE _____

DISCOUNT _____ IF PAID IN 30 DAYS

SIGNATURE John O Farmer

GALEN GASCHLER
 PRINTED NAME

Thank you GCS

JOB LOG

SWIFT Services, Inc.

COPY

DATE 4-12-07 PAGE NO. 1

CUSTOMER **JOHN O FARMER** WELL NO. **#1** LEASE **POTTER F.** JOB TYPE **5 1/2" LONGSTRENG** TICKET NO. **12083**

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL/GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1800							ON RELATED - CALCULATE W/ BOTTOM
								START 5 1/2" CASING IN WELL
								TD - 4494 SET 4493
								TD - 4494 5 1/2 - 14"
								SI - 23'
								CENTERS - 1, 3, 5, 7, 9, 11, 13, 65
								CMT BSKTS - 2, 19, 66
								POST CELL - 1766 TOPT # 66
	1730							DROP BALL - CALCULATE RETATE
	1835	6	12		✓		500	PUMP 500 GAL MUDFLUSH "
	1837	6	20		✓		500	PUMP 20 BBL KCL - FLUSH "
	1842		4/2					PLUG RH - MH
	1847	5	42		✓		350	MAX CSMWT - 175 SPS EA-2 = 15.5 PPG "
	1856							WASH OUT PUMP & LINES
	1858							RELEASE LATCH DOWN PLUG
	1900	7	0		✓			DISPLACE PLUG "
		6 1/2	90				700	SHUT OFF RETATING
	1915	6 1/2	109				1500	PLUG DOWN - PSE UP LATCH IN PLUG
	1917						OK	RELEASE PSE - HELD
								WASH TRUCK
	2000							JOB COMPLETE

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CONSERVATION DIVISION
WICHITA, KS

THANK YOU
WAKE DIVISION, JEFF

QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.#

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

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

COPY No. 1370

Date	5-11-07	Sec.		Twp.		Range		Called Out		On Location	9:00 AM	Job Start	10:00 AM	Finish	10:30 AM
Lease	part	Well No.	F-1	Location	Arnold	45		County	W	State	K				

Contractor	J + M well service	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	part collar		

Hole Size		T.D.	
Csg.		Depth	Charge To JO
Tbg. Size		Depth	Street
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	
Press Max.		Minimum	
Meas Line		Displace	

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EQUIPMENT		Amount Ordered	225 Quantity Mix 4/16 Flowseal
		Consisting of	145
Pumptrk	1 No. Cementer Helper	Common	145 @ 17.29 = 2537.50
Bulktrk	2 No. Driver	Poz. Mix	
Bulktrk	pu No. Driver	Gel.	

JOB SERVICES & REMARKS		Chloride	
		Hulls	
Pumptrk Charge	part collar 750.00	Flowseal 56 @ 2.00	112.00
Mileage	126 @ 5.00 = 630.00		
Footage			
Total			880.00

Remarks:		Sales Tax	
		Handling	225 @ 1.99 = 447.50
		Mileage	84 @ .56 per mile = 468.00
		Pump Truck Charge	Sub Total 880.00
			Total

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WICHITA, KS

X Signature		Tax	140.42
		Discount	(443.00)
		Total Charge	4,122.42

Potter F # 1
Completion Report

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4-30-07 Rig up Perf-Tech portable mast and run Dual Receiver, Cement Bond Log. Found TD at 4462', top of cement at 3460'.

5-10-07 Move in and rig up J & M Well Service double drum unit.

5-11-07 Run 2 7/8" tubing with Reinhardt's Services port collar tool. Locate port collar at 1762'. Hookup Quality Oilwell Cementing pump truck, pressure casing to 1000#, held. Open port collar, pump into collar, good blow on annulus. Mix and pump (150) sxs QMD cement. Cement did circulate, witnessed by Lindley Reimer KCC Rep. Close collar. Pressure casing to 1000#, held. Run 5 jts tubing and circulate clean. Pull tubing. Swab down to 3550'. Rig up Perf-Tech and perforate Mississippi Zone 4422-30' (8') (4 SPF) with 27.5 gram expendable charges. Run Reinhardt's Services packer to 4392'. Set packer, swab down. Shut down.

145 sxs.
per cement
ticket

5-14-07 OWFU 2700' oil. Swab test:

Time	Fluid	Oil
1st hour	11.6bbls	100%
2nd hour	dry	last pull 75' fluid 2 pulls

Lower packer to spot acid. Hookup Allied Acidizing pump truck, spot 750 gallons 15% NE acid on bottom of well. Pull 27 jts tubing, load hole with KCL water, total load pumped 95 bbls. Shut in. Shut down.

5-15-07 Fluid 1200' from surface. Lower packer to 4392'. Swab water from well with packer swinging. Set packer. Swab down. Swab test:

Time	Fluid	Oil
1st hour	10.73 bbls	100%
2nd hour	6.96 bbls	100%
3rd hour	6.96 bbls	100%

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WICHITA, KS

4th hour 5.80 bbls 100%

Pull tubing and packer. Sand pump clean. Shut down.

5-16-07 Run tubing:

15.00' 2 7/8" Perforated mud anchor
1.10' 2 7/8" Seating nipple
4434.72' 141 jts 2 7/8" 8rd EUE tubing (New LS)
6.00' 2 7/8" x 6' Tubing sub

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Tubing is landed 4' off bottom.

Pump and rods:

2 1/2" x 1 1/2" x 12' RWTC DV Insert pump with 6' gas anchor
7/8" x 2' Pony rod with spiral guide
116 3/4" Sucker rods (New)
60 7/8" Sucker rods (New)
7/8" x 4', 6', 8' Pony rods
1 1/4" x 16' Polished rod with 6' liner

Longstroke, good blow, rig down and move off.



Val Dreher Production Foreman

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