

CONFIDENTIAL

SIDE ONE

FORM MUST BE TYPED

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM
ACO-1 WELL HISTORY
DESCRIPTION OF WELL AND LEASE

ORIGINAL

KCC

API NO. 15- 065-23,002-00-00
County Graham
140' West of _____ E
- S/2 - S/2 - SE Sec. 8 Twp. 9S Rge. 21 X W

Operator: License # 5135
Name: John O. Farmer, Inc.
Address: P.O. Box 352
City/State/Zip: Russell, KS 67665

Purchaser: NCRA

Operator Contact Person: John O. Farmer IV
Phone (785) 483-3144

Contractor: Name: Discovery Drilling Co., Inc.
License: 31548
Wellsite Geologist: Matt Dreiling

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: _____
Comp. Date _____ Old Total Depth _____
 Deepening Re-perf. Conv. to Inj/SWD
 Plug Back _____ PBDT
 Commingled _____ Docket No. _____
 Dual Completion _____ Docket No. _____
 Other (SWD or Inj?) _____ Docket No. _____
9-7-04 9-12-04 9-28-04
Spud Date Date Reached TD Completion Date

330 Feet from (S)N (circle one) Line of Section
1180 Feet from (E)W (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
NE, (SE) NW or SW (circle one)

Lease Name Swenson "A" Well # 3
Field Name Morel
Producing Formation Arbuckle

Elevation: Ground 2250' KB 2258'
Total Depth 3820' PBDT 3793'

Amount of Surface Pipe Set and Cemented at 212 Feet

Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set 1745 Feet

If Alternate II completion, cement circulated from 1745
feet depth to surface w/ 225 sx cmt.

Drilling Fluid Management Plan *ALT II WITH 8-28-07*
(Data must be collected from the Reserve Pit)

Chloride content 8,000 ppm Fluid volume 320 bbls
Dewatering method used allow to dry by evaporation

Location of fluid disposal if hauled offsite:

Operator Name NA

Lease Name _____ License No. _____

Quarter Sec. _____ Twp. _____ S Rng. _____ E/W

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 on 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*
John O. Farmer III
Title President Date 11-4-04
Subscribed and sworn to before me this 4th day of November, 20 04.

Notary Public *Margaret A. Schulte*
Margaret A. Schulte

Date Commission Expires _____

K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Geologist Report Received
Distribution
_____ KCC _____ SWD/Rep _____ NGPA
_____ KGS _____ Plug _____ Other (Specify)

RECEIVED
NOV 05 2004
KCC WICHITA

Form ACO-1 (7-91)

SIDE TWO

Operator Name John O. Farmer, Inc.

Lease Name Swenson "A"

Well # 3

Sec. 8 Twp. 9S Rge. 21

East
 West

County JAMISON Graham

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem 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 during test. Attach extra sheet if more space is needed. Attach copy of log.

Drill Stem Tests Taken
(Attach Additional Sheets.) Yes No

Samples Sent to Geological Survey Yes No

Cores Taken Yes No

Electric Log Run
(Submit Copy.) Yes No

List All E.Logs Run:
Dual Compensated Porosity Log Dual Induction Log
Microresistivity Log

Log Formation (Top), Depth and Datums Sample

Name	Top	Datum
Anhydrite	1742'	(+516)
Topeka	3198'	(-940)
Heebner	3408'	(-1150)
Toronto	3433'	(-1175)
Lansing/KC	3449'	(-1191)
Stark	3626'	(-1368)
Base/KC	3660'	(-1402)
Arbuckle	3762'	(-1504)
L.T.D.	3819'	(-1561)

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#	212'	Common	150	3% CC, 2% gel
Production	7-7/8"	5-1/2"	14#	3816'	ASC	150	2% gel, 500 gal. WFR-2, 3/4% CD-31
				Port Collar	1745'	60/40 Pozmix	225 6% gel, 1/4# floeal

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		Acid, Fracture, Shot, Cement Squeeze Record	
	Specify Footage of Each Interval Perforated		(Amount and Kind of Material Used) Depth	
4 SPF	3760-70'		Completed Natural	

TUBING RECORD		Size	Set At	Packer At	Liner Run
		2-7/8"	3789'		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Inj.			Producing Method		
October 18, 2004			<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
	20.00		151.25		30.0°

Disposition of Gas:
 Vented Sold Used on Lease
 (If vented, submit ACO-18.)

METHOD OF COMPLETION
 Open Hole Perf. Dually Comp. Commingled
 Other (Specify) _____

Production Interval
3760-70'



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.**
PO Box 352
Russell, KS 67665

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

Lease: Swenson "A" #3

Location: 140' W of S/2 / S/2 / SE
Sec. 8/9S/21W
Graham Co., KS

Loggers Total Depth: 3819'

Rotary Total Depth: 3820'

Commenced: 9/7/2004

Casing: 8 5/8" @ 211.41 w/150sks

5 1/2" @ 3616' w/150sks

(Port Collar @ 1745')

Elevation: 2250' GL / 2258' KB

Completed: 9/13/2004

Status: Oil Well

KCC

NOV 0 4 2004

CONFIDENTIAL

DEPTHS & FORMATIONS (All from KB)

Surface, Sand & Shale	0'	Shale	1779'
Dakota Sand	868'	Shale & Lime	2072'
Shale	997'	Shale	2349'
Cedar Hill Sand	1251'	Shale & Lime	2723'
Red Bed Shale	1473'	Lime & Shale	3272'
Anhydrite	1744'	RTD	3820'
Base Anhydrite	1779'		

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.

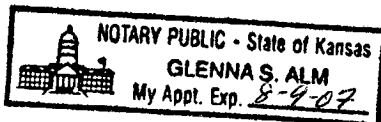
Thomas H. Alm

Subscribed and sworn to before me on 9-18-04

My Commission expires: 8-9-07
Glenna S. Alm

(Place stamp or seal below)

Notary Public



RECEIVED
NOV 0 5 2004
KCC WICHITA

ALLIED CEMENTING CO., INC. 13817

Federal Tax I.D. XXXXXXXXXX

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

SERVICE POINT:
OKAYKS

DATE <u>9-7-04</u>	SEC <u>8</u>	TWP. <u>9S</u>	RANGE <u>21W</u>	CALLED OUT <u>1:00pm</u>	ON LOCATION <u>3:30pm</u>	JOB START <u>4:00pm</u>	JOB FINISH <u>4:30pm</u>
LEASE <u>Swenson</u>	WELL# <u>#3</u>	LOCATION <u>Boquer 65-314 E</u>			COUNTY <u>Graham</u>	STATE <u>KS</u>	
OLD OR NEW (Circle one)							

CONTRACTOR <u>Discovery Digs #1</u>	OWNER <u>same</u>
TYPE OF JOB <u>Surface</u>	
HOLE SIZE <u>12" 4</u>	T.D. <u>212'</u>
CASING SIZE <u>8 5/8 23'</u>	DEPTH <u>211'</u>
TUBING SIZE	DEPTH
DRILL PIPE	DEPTH
TOOL	DEPTH
PRES. MAX	MINIMUM
MEAS. LINE	SHOE JOINT
CEMENT LEFT IN CSG. <u>15'</u>	KCC
PERFS.	NOV 04 2004
DISPLACEMENT <u>12 1/2 BBLs</u>	
EQUIPMENT	CONFIDENTIAL
PUMP TRUCK CEMENTER <u>Fuzzy</u>	
# <u>373-281</u> HELPER <u>Andrew</u>	
BULK TRUCK	
# <u>218</u> DRIVER <u>Mike</u>	
BULK TRUCK	
#	DRIVER

CEMENT	AMOUNT ORDERED <u>150 com 390cc</u>
	<u>290 gel</u>
COMMON	<u>150 @ 9' 10</u> <u>1365.00</u>
POZMIX	<u>@ 11.00</u> <u>33.00</u>
GEL	<u>3 @ 33.00</u> <u>165.00</u>
CHLORIDE	<u>5 @</u>
HANDLING	<u>158 @ 1.35</u> <u>213.30</u>
MILEAGE	<u>76 x .05 x 158</u> <u>600.40</u>
TOTAL	2376.70 <u>2376.70</u>

REMARKS:
 Cement 8 5/8 csg to a depth of 212' with 150 sps com 390cc 290cc gel. Displace plug to within 15' of bottom.
 Cement did circulate
 Plug down @ 4:20pm
 Thanks
 Fuzzy

DEPTH OF JOB	
PUMP TRUCK CHARGE	<u>570.00</u>
EXTRA FOOTAGE	<u>@ 4.00</u> <u>304.00</u>
MILEAGE	<u>76 @</u>
PLUG	<u>@</u>
TOTAL	<u>874.00</u>

CHARGE TO: John O. Farmer
 STREET _____
 CITY _____ STATE _____ ZIP _____

FLOAT EQUIPMENT	
8 5/8 plug	<u>@ 55.00</u> <u>55.00</u>
TOTAL	<u>55.00</u>

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.

TAX _____
 TOTAL CHARGE _____
 DISCOUNT ~~_____~~ IF PAID IN 30 DAYS

SIGNATURE [Signature]

PRINTED NAME _____

RECEIVED
 NOV 05 2004
 KCC WICHITA

ALLIED CEMENTING CO., INC. 16020

Federal Tax ID: [REDACTED]

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

SERVICE POINT: Russell

DATE <u>9/13/04</u>	SEC <u>8</u>	TWP. <u>9</u>	RANGE <u>21</u>	CALLED OUT <u>7:00 AM</u>	ON LOCATION <u>8:30 AM</u>	JOB START	JOB FINISH <u>12:15 PM</u>
LEASE <u>Swenson A</u> WELL# <u>3</u>		LOCATION <u>Bogue & Redline 3N1E</u>			COUNTY <u>Cherokee</u>	STATE <u>KS</u>	
OLD OR NEW (Circle one) <u>NEW</u>							

CONTRACTOR <u>Discovery</u>	OWNER
TYPE OF JOB <u>Red Cas</u>	CEMENT <u>used 150 bbls</u>
HOLE SIZE <u>7 7/8</u> T.D.	AMOUNT ORDERED
CASING SIZE <u>5 1/2</u> DEPTH	<u>175 bbl ASC 2 3/4" OD 3 1/4" CD31</u>
TUBING SIZE DEPTH	<u>Deframer 500 Gal WFR</u>
DRILL PIPE DEPTH	
TOOL DEPTH	
PRES. MAX MINIMUM	COMMON @
MEAS. LINE SHOE JOINT	POZMIX @
CEMENT LEFT IN CSG.	GEL <u>3</u> @ <u>11.00</u> <u>33.00</u>
PERFS.	CHLORIDE @
DISPLACEMENT <u>92.78 Bbls</u>	ASC <u>175</u> @ <u>9.00</u> <u>1715.00</u>
EQUIPMENT	<u>CD-31 124#</u> @ <u>5.50</u> <u>682.00</u>
	<u>DEFRAMER 25#</u> @ <u>5.25</u> <u>131.25</u>
PUMP TRUCK CEMENTER <u>Bill</u>	<u>WFR-2 500</u> @ <u>1.00</u> <u>500.00</u>
# <u>345</u> HELPER <u>Steve</u>	@
BULK TRUCK	@
# DRIVER <u>Craig</u>	@
BULK TRUCK	@
# DRIVER	@
	HANDLING <u>178</u> @ <u>1.35</u> <u>240.30</u>
	MILEAGE <u>59.5K/mile</u> <u>631.90</u>
	TOTAL <u>3933.45</u>

REMARKS:

NOV 0 4 2004
CONFIDENTIAL

Pipe cost 380.00
Spool 18.25
Seat 380.27
pump 500 gal flush, cost of 150 bbl
of cont. pump plus used 92.78 bbl of water
load plus 112.60 per float did hold
1500 RH
1000 MW

SERVICE

DEPTH OF JOB	
PUMP TRUCK CHARGE	<u>1180.00</u>
EXTRA FOOTAGE @	
MILEAGE <u>71</u> @ <u>4.00</u>	<u>284.00</u>
<u>150 Rubber plug</u> @	<u>60.00</u>
@	
@	
TOTAL	<u>1524.00</u>

CHARGE TO: J.O. Farmer Inc.
STREET _____
CITY _____ STATE _____ ZIP _____

PLUG & FLOAT EQUIPMENT

<u>Rotating Hood</u>		<u>75.00</u>
MANIFOLD @		
<u>7- Cont. Adapter</u> @ <u>50.00</u>		<u>350.00</u>
<u>1- Guide Shoe</u> @		<u>235.00</u>
<u>Wt P.C.</u> @		<u>1750.00</u>
<u>3- BASKETS</u> @ <u>128.00</u>		<u>384.00</u>
<u>SCRATCHES Rotat. 100'</u> @ <u>45.00</u>		<u>900.00</u>
TOTAL		<u>3694.00</u>

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.

TAX _____
TOTAL CHARGE _____
DISCOUNT _____ IF PAID IN 30 DAYS

SIGNATURE John Wearley

PRINTED NAME _____

RECEIVED
NOV 05 2004
KCC WICHITA

ALLIED CEMENTING CO., INC. 18751

Federal Tax I.D.# [REDACTED]

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

SERVICE POINT: R

DATE <u>9/21/04</u>	SEC.	TWP.	RANGE	CALLED OUT	ON LOCATION	JOB START	JOB FINISH
LEASE <u>Swinson</u>	WELL # <u>A-3</u>	LOCATION <u>Church of God W to</u>			COUNTY <u>Graham</u>	STATE <u>Ks</u>	
OLD OR NEW (Circle one)				<u>Boque Rd 3N 2E</u>			

CONTRACTOR <u>Western Well Service</u>	OWNER _____
TYPE OF JOB <u>Port Collar</u>	
HOLE SIZE _____ T.D. _____	
CASING SIZE <u>5 1/2</u> DEPTH _____	
TUBING SIZE <u>2 1/2</u> DEPTH _____	
DRILL PIPE _____ DEPTH _____	
TOOL <u>17.24</u> DEPTH _____	
PRES. MAX _____ MINIMUM _____	
MEAS. LINE _____ SHOE JOINT _____	
CEMENT LEFT IN CSG. _____	
PERFS. _____	
DISPLACEMENT _____	

CEMENT			
AMOUNT ORDERED <u>350 @ 6% gel</u>			
<u>1/4 lb Fluorid per sk</u>			
<u>used 285</u>			
COMMON	<u>125</u>	@	<u>7⁰⁰</u> <u>1059⁷⁵</u>
POZMIX	<u>90</u>	@	<u>4¹⁰</u> <u>369⁰⁰</u>
GEL	<u>14</u>	@	<u>11⁰⁰</u> <u>154⁰⁰</u>
CHLORIDE		@	
ASC		@	
FLO-SEAL	<u>57¹²</u>	@	<u>14⁰⁰</u> <u>79⁰⁰</u>
KCC		@	
NOV 04 2004		@	
CONFIDENTIAL		@	
HANDLING	<u>371</u>	@	<u>13⁵⁰</u> <u>500⁰⁰</u>
MILEAGE	<u>59/SK/MILE</u>		<u>1298⁵⁰</u>
TOTAL			<u>3461⁹⁰</u>

EQUIPMENT	
<u>343</u>	<u>Dave Steve</u>
PUMP TRUCK # _____	CEMENTER HELPER
BULK TRUCK # _____	DRIVER
BULK TRUCK # <u>362</u>	DRIVER <u>Rufus</u>

REMARKS:
Tested casing @ 500 psi
opened port collar & mixed
225 sk & gr cement
to surface. Ran 8 JH & gr
clean

Thanks

CHARGE TO: John O. Farmer

STREET _____

CITY _____ STATE _____ ZIP _____

SERVICE			
DEPTH OF JOB _____			
PUMP TRUCK CHARGE _____	<u>700⁰⁰</u>		
EXTRA FOOTAGE _____	@		
MILEAGE <u>70</u>	@	<u>4⁰⁰</u>	<u>280⁰⁰</u>
MANIFOLD _____	@		
TOTAL			<u>980⁰⁰</u>

PLUG & FLOAT EQUIPMENT

_____	@	_____
_____	@	_____
_____	@	_____
_____	@	_____
_____	@	_____
TOTAL		_____

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.

RECEIVED
 NOV 05 2004
 KCC WICHITA

SIGNATURE [Signature]

TAX _____

TOTAL CHARGE _____

DISCOUNT _____ IF PAID IN 30 DAYS

PRINTED NAME _____