

ORIGINAL

FORM MUST BE TYPED

SIDE ONE

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

CONFIDENTIAL

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API NO. 15- 051-25,262-00-00

County Ellis
40' South & 180' West of E
- C - NW - NW Sec. 11 Twp. 13S Rge. 17 X W

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

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

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

Lease Name Schumacher Well # 1
Field Name (wildcat)
Producing Formation Arbuckle "A" & "B"

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

Elevation: Ground 2017' KB 2025'
Total Depth 3618' PBDT 3591'

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:

Amount of Surface Pipe Set and Cemented at 210 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set 1197 Feet

If Alternate II completion, cement circulated from 1197
feet depth to surface w/ 200 sx cmt.

Drilling Fluid Management Plan *Per 11/18/03-04*
(Data must be collected from the Reserve Pit)

Chloride content 17,000 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. _____

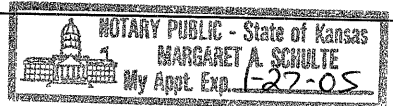
Operator: _____
Well Name: _____
Comp. Date _____ Old Total Depth _____
 Deepening Re-perf. Conv. to Inj/SWD
 Plug Back _____ PBDT
 Commingled _____ Docket No. _____
 Dual Completion _____ Docket No. _____
 Other (SWD or Inj?) _____ Docket No. _____
10-16-03 10-22-03 11-6-03
Spud Date Date Reached TD Completion Date

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 IV*
John O. Farmer IV
Title Vice-President Date 12-18-03
Subscribed and sworn to before me this 18th day of December, 20 03

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)

X

SIDE TWO

Operator Name John O. Farmer, Inc. Lease Name Schumacher Well # 1

East County Ellis

Sec. 11 Twp. 13S Rge. 17
 West

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 Yes No
(Attach Additional Sheets.)

Samples Sent to Geological Survey Yes No

Cores Taken Yes No

Electric Log Run Yes No
(Submit Copy.)

List All E.Logs Run: Borehole Compensated Sonic Log
 Dual Compensated Porosity Log Dual Induction Log
 Cement Bond Log Microresistivity Log

<input checked="" type="checkbox"/> Log Name	Formation (Top), Depth and Datums	<input type="checkbox"/> Sample Datum
Anhydrite	1194'	(+831)
Topeka	3000'	(-975)
Heebner	3242'	(-1217)
Toronto	3261'	(-1236)
Lansing/KC	3288'	(-1263)
Stark	3476'	(-1451)
Base/KC	3516'	(-1491)
Arbuckle	3542'	(-1517)
L.T.D.	3618'	(-1593)

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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#	210'	Common	140	3% CC, 2% gel
Production	7-7/8"	5-1/2"	15.5#	3613'	ASC	160	2% gel, 500 gals. WFR-2, 3/4" CD-31
Port Collar				1197'	60/40 Pozmix	200	6% gel, 1/4# floesal

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	3544-53' & 3560-67'	350 gals. 15% MA & 500 gals. 15% NE	

TUBING RECORD	Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
	2-7/8"	3587'		

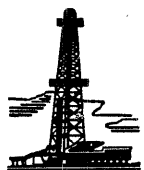
Date of First, Resumed Production, SWD or Inj.	Producing Method
November 7, 2003	<input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)

Estimated Production Per 24 Hours	Oil	Bbls.	Gas	Mcf	Water	Bbls.	Gas-Oil Ratio	Gravity
	12.94				114.22			26.8°

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: 3544-53'
3560-67'



**Discovery
Drilling**

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

KCC
DEC 18 2003

CONFIDENTIAL

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: Schumacher #1

Location: 40' S & 180' W of C/NW/NW
Sec 11/13S/17W
Ellis Co., KS

Loggers Total Depth: 3618'
Rotary Total Depth: 3618'
Commenced: 10/16/2003
Casing: 8 5/8" @ 209.29' w/140sks
5 1/2" @ 3613' w/150sks
Port Collar @ 1197'

Elevation: 2017' GL / 2025' KB
Completed: 10/23/2003
Status: Oil Well

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DEPTHS & FORMATIONS
(All from KB)

Surface, Sand & Shale	0'	Shale	1235'
Dakota Sand	505'	Shale & Lime	1855'
Shale	607'	Shale	2413'
Cedar Hill Sand	660'	Shale & Lime	2799'
Red Bed Shale	841'	Lime & Shale	3169'
Anhydrite	1190'	RTD	3618'
Base Anhydrite	1235'		

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.

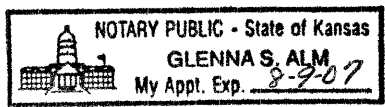
Thomas H. Alm

Subscribed and sworn to before me on 10-24-03

My Commission expires: 8-9-07

(Place stamp or seal below)

Notary Public



ALLIED CEMENTING CO., INC. 14562

Federal Tax I.D.# [REDACTED]

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

SERVICE POINT:
R

DATE <u>10-16-03</u>	SEC.	TWP.	RANGE	CALLED OUT	ON LOCATION <u>11:30pm</u>	JOB START <u>4:30pm</u>	JOB FINISH <u>5:00 PM</u>
LEASE <u>SUMMIT</u> WELL # <u>1</u>			LOCATION <u>CONNELL RD 3/4 MI E</u>		COUNTY <u>ELLIS</u>	STATE <u>KS</u>	
OLD OR NEW (Circle one)							

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CONTRACTOR DISCOVERY
TYPE OF JOB SURFACE
HOLE SIZE 12 1/4 T.D. 210
CASING SIZE 8 5/8 DEPTH 209
TUBING SIZE DEPTH
DRILL PIPE DEPTH
TOOL DEPTH
PRES. MAX MINIMUM
MEAS. LINE SHOE JOINT
CEMENT LEFT IN CSG. 10-15"
PERFS.
DISPLACEMENT 12 1/4 BBL

OWNER
CEMENT AMOUNT ORDERED used 140 sks.
150 Com 39cc 2% CEF

COMMON	<u>150</u>	@	<u>7-15</u>	<u>1072.50</u>
POZMIX		@		
GEL	<u>3</u>	@	<u>10.00</u>	<u>30.00</u>
CHLORIDE	<u>5</u>	@	<u>30.00</u>	<u>150.00</u>
		@		
		@		
		@		
		@		
HANDLING	<u>150</u>	@	<u>4.45</u>	<u>172.50</u>
MILEAGE	<u>5# / SK / mile</u>			<u>150.00</u>
TOTAL				<u>1575.00</u>

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DEC 18 2003
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EQUIPMENT
PUMP TRUCK CEMENTER MARK
345 HELPER DAVE
BULK TRUCK
213 DRIVER PAFUS
BULK TRUCK
DRIVER

REMARKS:

SERVICE

Cement Did Circulate ✓
Thanks

DEPTH OF JOB			
PUMP TRUCK CHARGE			<u>520.00</u>
EXTRA FOOTAGE	@		
MILEAGE	<u>20</u>	@	<u>3.50</u>
PLUG <u>8 5/8 wood</u>	@		<u>45.00</u>
	@		
	@		
TOTAL <u>635.00</u>			

CHARGE TO: J.D. FARMER
STREET _____
CITY _____ STATE _____ ZIP _____

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.

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

SIGNATURE Thomas Alm

Thomas Alm
PRINTED NAME

ALLIED CEMENTING CO., INC.

15526

Federal Tax I.D.# [REDACTED]

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

SERVICE POINT: R

DATE <u>10/23/03</u>	SEC. <u>11</u>	TWP. <u>13S</u>	RANGE <u>12W</u>	CALLED OUT	ON LOCATION <u>12' COP-M.</u>	JOB START <u>3:45 PM</u>	JOB FINISH <u>4:15 PM</u>
LEASE <u>Schumacher</u>		WELL # <u>1</u>	LOCATION <u>Coxell Rd. 1/2 W</u>		COUNTY <u>Ellis</u>	STATE <u>Ks</u>	
<input checked="" type="radio"/> OLD <input type="radio"/> NEW (Circle one)		<u>E Tu</u>					

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CONTRACTOR Discovery #2

TYPE OF JOB Production String

HOLE SIZE 2 7/8" T.D. 31078"

CASING SIZE 5 7/8" DEPTH 31013"

TUBING SIZE _____ DEPTH _____

DRILL PIPE _____ DEPTH _____

TOOL Port Collar DEPTH 1197"

PRES. MAX 1200 MINIMUM 900

MEAS. LINE _____ SHOE JOINT 13.40

CEMENT LEFT IN CSG. _____

PERFS. _____

DISPLACEMENT 86 bbl

EQUIPMENT _____

PUMP TRUCK CEMENTER Paul

127 HELPER Shane

BULK TRUCK _____

213 DRIVER Scott

BULK TRUCK _____

_____ DRIVER _____

OWNER _____

CEMENT _____

AMOUNT ORDERED 175 ASC 2 7/8 C&I
3/4 of 1 3/4 CD-31
5750 Coal. WFR-2

COMMON 175 ASC @ 9.00 = 1575.00

POZMIX _____ @ _____

GEL 3 @ 10.00 = 30.00

CHLORIDE _____ @ _____

WFR-2 500 gals @ 1.00 = 500.00

CD-31 123# @ 5.50 = 676.50

HANDLING 175 @ 1.15 = 201.25

MILEAGE 54/SK / Mile = 175.00

TOTAL 3157.25

REMARKS:

SERVICE

Mixed 500 Coal. WFR-2 Followed
by 1100sr ASC. Displaced w/
85 1/2 bbls.

Plug Landed
Float Did Not Hold!

Pothole - 1531

DEPTH OF JOB _____

PUMP TRUCK CHARGE _____ 1180.00

EXTRA FOOTAGE @ _____

MILEAGE 20 @ 3.50 = 70.00

PLUG 5 1/2 TRP @ 50.00 = 50.00

TOTAL 1280.00

CHARGE TO: J.O. Farmer

STREET _____

CITY _____ STATE _____ ZIP _____

FLOAT EQUIPMENT

5 1/2" TRP 50.00

Guide Shoe @ 150.00

Afh Insert @ 235.00

Cent. 8 @ 40.00 = 320.00

Bucket 3 @ 128.00 = 384.00

(T.L.) Port Collar 1 @ 1500.00

20 Rotating Scratcher 100.00

TOTAL 2589.00

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 Ann Wenzel

A. W.
PRINTED NAME

KCC
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ALLIED CEMENTING CO., INC. 14572

Federal Tax I.D.# [REDACTED]

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

SERVICE POINT:
12

DATE <u>10-25-03</u>	SEC.	TWP.	RANGE	CALLED OUT	ON LOCATION <u>8:30am</u>	JOB START <u>9:30am</u>	JOB FINISH <u>10:00am</u>
LEASE <u>W. MACHES</u> WELL # <u>1</u>		LOCATION <u>COBELL RD & GATHERNE RD 1 1/2 N</u>			COUNTY <u>ELLIS</u>	STATE <u>KS</u>	
OLD OR NEW (Circle one) <u>OLD</u>							

CONTRACTOR WESTERN
TYPE OF JOB P COLLAR
HOLE SIZE _____ T.D. _____
CASING SIZE 5 1/2 DEPTH _____
TUBING SIZE 2 1/2 DEPTH 1197
DRILL PIPE _____ DEPTH _____
TOOL _____ DEPTH 1197
PRES. MAX _____ MINIMUM _____
MEAS. LINE _____ SHOE JOINT _____
CEMENT LEFT IN CSG. _____
PERFS. _____
DISPLACEMENT _____

OWNER SAME
CEMENT
AMOUNT ORDERED 300 60/40 67% GEL
14 LB FLOSEA/SK
USED 200SK
COMMON 120 @ 7.15 858.00
POZMIX 20 @ 3.00 304.00
GEL 10 @ 10.00 100.00
CHLORIDE _____ @ _____ _____
FLOSEA 50# @ 1.40 70.00
_____ @ _____ _____
_____ @ _____ _____
_____ @ _____ _____
HANDLING 300 @ 1.15 345.00
MILEAGE 56/SK mile 300.00
TOTAL 1977.00

EQUIPMENT
PUMP TRUCK CEMENTER MARK
345 HELPER DAVE
BULK TRUCK
376 DRIVER GARY
BULK TRUCK
_____ DRIVER _____

REMARKS:
TEST CSG TO 1000# - OPENED TOOL -
MIXED 200 SK - CURE CEMENT - CLOSED
TOOL - PRES TO 1000# - RAN 4 ITS
WASHED CLEAN -

SERVICE
DEPTH OF JOB _____
PUMP TRUCK CHARGE _____ 630.00
EXTRA FOOTAGE @ _____ _____
MILEAGE 20 @ 3.50 70.00
PLUG @ _____ _____
_____ @ _____ _____
_____ @ _____ _____
TOTAL 700.00

CHARGE TO: J.O FARMER
STREET _____
CITY _____ STATE _____ ZIP _____

FLOAT EQUIPMENT
_____ @ _____ _____
_____ @ _____ _____
_____ @ _____ _____
_____ @ _____ _____
TOTAL _____

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

SIGNATURE Ann W...

A.M.
PRINTED NAME

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KCC WICHITA

KCC
DEC 18 2003

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