

WELL COMPLETION FORM

WELL HISTORY - DESCRIPTION OF WELL & LEASE

CONFIDENTIAL RECEIVED

ORIGINAL

Operator: License # 5135
Name: JOHN O. FARMER, INC.
Address: P.O. Box 352
City/State/Zip: Russell, KS 67665
Purchaser:
Operator Contact Person: John O. Farmer, IV
Phone: (785) 483-3144
Contractor: Name: Discovery Drilling Co., KCC
License: 31548
Wellsite Geologist: Randall Kilian

API No. 15 - 065-22,837-0000
County: Graham
150' S & 165' E of NW SE SW Sec. 11 Twp. 10 S. R. 21W East West
840 feet from (S) / (circle one) Line of Section
1815 feet from (W) (circle one) Line of Section

Designate Type of Completion: CONFIDENTIAL
 New Well Re-Entry Workover
 Oil SWD SIOW Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, WSW, Expl., Cathodic, etc)

Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW (SW)
Lease Name: Farrell Well #: 1
Field Name: Cooper

If Workover/Re-entry: Old Well Info as follows: CONFIDENTIAL

Producing Formation: Arbuckle
Elevation: Ground: 2238' Kelly Bushing: 2246'
Total Depth: 3897' Plug Back Total Depth: 3865'
Amount of Surface Pipe Set and Cemented at 221.24 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set 1718 Feet

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.
5/21/02 5/28/02 5/29/02
Spud Date or Date Reached TD Completion Date or Recompletion Date

If Alternate II completion, cement circulated from 1718 feet depth to Surface w/ 375 sx cmt. (10 sks. in mouse hole) (15 sks. in rat hole)

Drilling Fluid Management Plan (Data must be collected from the Reserve Pit) All 11 cwt
Chloride content 8,000 ppm Fluid volume 320 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.

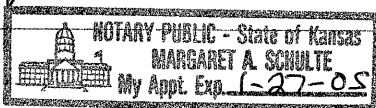
All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature: John O. Farmer III
Title: President Date: 7-12-02

Subscribed and sworn to before me this 12th day of July

Notary Public: Margaret A. Schulte

Date Commission Expires:



KCC Office Use ONLY
yes Letter of Confidentiality Attached
If Denied, Yes Date:
Wireline Log Received
Geologist Report Received
UIC Distribution

✓

X

Operator Name: JOHN O. FARMER, II Lease Name: Farrell Well #: 1
 Sec. 11 Twp. 10 S. R. 21w East West County: Graham

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all fine logs 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 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:

- Cement Bond Log
- Microresistivity Log
- Dual Compensated Porosity Log
- Dual Induction Log
- Borehole Compensated Sonic Log

Log Formation (Top), Depth and Datum Sample

Name	Top	Datum
Anhydrite	1723'	(+523)
Base/Anhydrite	1760'	(+486)
Topeka	3261'	(-1015)
Heebner Shale	3468'	(-1222)
Toronto	3492'	(-1246)
Lansing	3509'	(-1263)
Stark Shale	3692'	(-1446)
Base/KC	3732'	(-1486)
Arbuckle	3807'	(-1561)
L.T.D.	3899'	(-1653)

CASING RECORD New 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 Pipe	12 1/4 "	8 5/8 "	23 #	221.24'	Common	145	2%Gel&3%CC
Production St.	7 7/8 "	5 1/2 "	15.5#	3895'	ASC	175	2%Gel
			DV Tool @	1718'	60/40Poz	400	6%GelW/1/4#FC/

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	3808-16'	Completed Natural	

TUBING RECORD	Size	Set At	Packer At	Liner Run
	2-7/8"	3859'	--	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Date of First, Resumed Production, SWD or Enhr.	Producing Method
June 21, 2002	<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
	36.74		0.00		30.1°

Disposition of Gas **METHOD OF COMPLETION** Production Interval 3808-16'

Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled
 (If vented, Sumit ACO-18.) Other (Specify)

ALLIED CEMENTING CO., INC.

09398

ORIGINAL

Federal Tax I.D.# [REDACTED]

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 66555

SERVICE POINT: OAKLEY

CONFIDENTIAL

DATE <u>5-21-02</u>	SEC. <u>11</u>	TWP. <u>10S</u>	RANGE <u>21W</u>	CALLED OUT	ON LOCATION <u>6:30 PM</u>	JOB START <u>9:45 PM</u>	JOB FINISH <u>10:15 PM</u>
LEASE <u>FARRELL</u>	WELL # <u>1</u>	LOCATION <u>WARRENEY 14N-12E-2745</u>			COUNTY <u>GRAHAM</u>	STATE <u>KS</u>	
OLD OR <input checked="" type="radio"/> NEW (Circle one)							

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KCC WICHITA

CONTRACTOR DISCOVERY DRILL RIG #1 OWNER SAME

TYPE OF JOB SURFACE

HOLE SIZE 12 1/4" TD. 222' CEMENT AMOUNT ORDERED 145 SKS COM 3% CC 28661

CASING SIZE 8 5/8" DEPTH 222'

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG. 15'

PERFS.

DISPLACEMENT 13 1/4 BBL

EQUIPMENT

PUMP TRUCK CEMENTER TERRY

300 HELPER WAYNE

BULK TRUCK

218 DRIVER JARROD

BULK TRUCK DRIVER

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RELEASED FROM
CONFIDENTIAL

KCC
JUL 12 2002
CONFIDENTIAL

REMARKS:

SERVICE

CEMENT AFD CIRC

THANK YOU

CHARGE TO: JOHN O. FARMER, INC

STREET

CITY STATE ZIP

DEPTH OF JOB 222'

PUMP TRUCK CHARGE 520.00

EXTRA FOOTAGE @

MILEAGE 39 miles @ 3.00 117.00

PLUG 8 5/8 SURFACE @ 45.00

@

@

TOTAL 682.00

FLOAT EQUIPMENT

@

@

@

@

@

TOTAL

TAX

TOTAL CHARGE

DISCOUNT IF PAID IN 30 DAYS

SIGNATURE Carl F. Hoff

Carl F. Hoff

PRINTED NAME

ALLIED CEMENTING CO., INC.

10628

CONFIDENTIAL

Federal Tax I.D.# [REDACTED]

ORIGINAL

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

SERVICE POINT: R

DATE <u>5/28/02</u>	SEC.	TWP.	RANGE	CALLED OUT	ON LOCATION <u>5:00p.m</u>	JOB START	JOB FINISH <u>12:15A.m.</u>
Farren- LEASE <u>Cooper</u>	WELL # <u>1</u>	LOCATION <u>Church of God 2345 E2W</u>		COUNTY <u>Graham</u>	STATE <u>Ks</u>		
OLD OR <u>NEW</u> (Circle one)							

CONTRACTOR <u>Discovery #1</u>	OWNER
TYPE OF JOB <u>Long string (Bottom stage)</u>	CEMENT
HOLE SIZE <u>7 7/8"</u>	AMOUNT ORDERED <u>175 ASC 2% Gel</u>
CASING SIZE <u>5 1/2</u>	<u>500 Gal WFR-2</u>
TUBING SIZE	
DRILL PIPE	
TOOL <u>D-V</u>	
PRES. MAX	
MEAS. LINE	
CEMENT LEFT IN CSG.	
PERFS.	
DISPLACEMENT <u>94 1/2 bbl</u>	
EQUIPMENT	
PUMP TRUCK # <u>177</u>	CEMENTER <u>Paul</u>
BULK TRUCK # <u>213</u>	DRIVER <u>Brent</u>
BULK TRUCK # <u>362</u>	DRIVER <u>Darin</u>

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KCC
JUL 12 2002
CONFIDENTIAL
RECEIVED
JUL 15 2002
KCC WICHITA

REMARKS:
Cent on 1, 2, 4, 9, 12, 15, 55, 93
Basket on 5 1/2 D-V Tool 5 1/2
Mixed 500 Gal WFR-2 Followed w/ 175%K
Displaced Blue w/ 54 3/4 H2O 36 Mud
3 Bbl H2O. Float Held

DEPTH OF JOB	
PUMP TRUCK CHARGE	<u>1130.00</u>
EXTRA FOOTAGE	@
MILEAGE <u>39</u>	@ <u>3.00</u> <u>117.00</u>
PLUG	@
TOTAL	<u>1247.00</u>

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

FLOAT EQUIPMENT		
<u>5 1/2</u>		
<u>Guide Shoe</u>	@	<u>150.00</u>
<u>Inert</u>	@	<u>235.00</u>
<u>Centralizer 8</u>	@ <u>50.00</u>	<u>400.00</u>
<u>Basket</u>	@	<u>142.00</u>
<u>D-V Tool</u>	@	<u>2800.00</u>
<u>Rotating Betch 10</u>	<u>45.00</u>	<u>450.00</u>
TOTAL		<u>4177.00</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 Chris Weaver

PRINTED NAME _____

ALLIED CEMENTING CO., INC.

10629

Federal Tax I.D.#

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 66665

CONFIDENTIAL

SERVICE POINT: _____

ORIGINAL

DATE <u>5/29/02</u>	SEC.	TWP.	RANGE	CALLED OUT	ON LOCATION	JOB START <u>12:45 A.M.</u>	JOB FINISH <u>1:30 A.M.</u>
LEASE <u>Farrell</u>	WELL # <u>1</u>	LOCATION <u>Church of God 2345</u>			COUNTY <u>Graham</u>	STATE <u>Ks</u>	
OLD OR <u>NEW</u> (Circle one)				<u>E TUBO</u>			

CONTRACTOR <u>Discovery #1</u>	OWNER _____
TYPE OF JOB <u>Long string (Top Stage)</u>	CEMENT _____
HOLE SIZE <u>7 7/8"</u>	T.D. <u>3225'</u>
CASING SIZE <u>5 1/2"</u>	DEPTH <u>3845'</u>
TUBING SIZE _____	DEPTH _____
DRILL PIPE _____	DEPTH _____
TOOL <u>D-V</u>	DEPTH <u>1719'</u>
PRES. MAX _____	MINIMUM _____
MEAS. LINE _____	SHOE JOINT _____
CEMENT LEFT IN CSG. _____	COMMON <u>240</u> @ <u>6.65</u> <u>1596.00</u>
PERFS. _____	POZMIX <u>160</u> @ <u>3.50</u> <u>560.00</u>
DISPLACEMENT <u>41 Bbl</u>	CHLORIDE <u>20</u> @ <u>10.00</u> <u>200.00</u>
EQUIPMENT _____	FLOEAL <u>100#</u> @ <u>1.40</u> <u>140.00</u>
PUMP TRUCK CEMENTER <u>Paul</u>	HANDLING <u>400</u> @ <u>1.10</u> <u>440.00</u>
# <u>177</u> HELPER <u>Ron</u>	MILEAGE <u>4 1/2</u> / mile <u>624.00</u>
BULK TRUCK # <u>362</u> DRIVER <u>Brent / Jan</u>	(39) TOTAL <u>3568.00</u>
BULK TRUCK # _____ DRIVER <u>Darin</u>	

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KCC WICHITA

KCC

JUL 12 2002
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REMARKS:

Opened tool. Mixed 3755x Displaced
Plug. Closed test.

Cement circulated!

155x Rat hole Thank You!
105x mousehole

SERVICE

DEPTH OF JOB _____	
PUMP TRUCK CHARGE _____	<u>650.00</u>
EXTRA FOOTAGE @ _____	
MILEAGE @ _____	
PLUG @ _____	
TOTAL	<u>650.00</u>

CHARGE TO: John O. Farmer

STREET _____

CITY _____ STATE _____ ZIP _____

FLOAT EQUIPMENT

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

To Allied Cementing Co., Inc.
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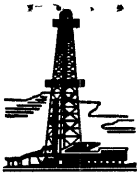
TAX _____

TOTAL CHARGE _____

DISCOUNT _____ IF PAID IN 30 DAYS

SIGNATURE Ann Weasley

PRINTED NAME _____



Discovery Drilling CONFIDENTIAL

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

ORIGINAL

RECEIVED
JUL 15 2002
KCC WICHITA

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: Farrell #1

KCC

Location: 150' N & 165' E of NW/SE/SW
Sec. 11/10S/21W
Graham Co., KS

Loggers Total Depth: 3899'

Rotary Total Depth: 3897'

Commenced: 5/21/02

Casing: 8 5/8" @ 221.24' w/145sks

5 1/2" @ 3894' w/175sks

DV Tool @ 1718' w/400sks

JUL 12 2002

CONFIDENTIAL

Elevation: 2238' Gr./2246' KB

Completed: 5/29/02

Status: Oil Well

DEPTHS & FORMATIONS (All from KB)

Surface, Sand & Shale	0'	Shale	1751'
Dakota Sand	848'	Shale & Lime	2220'
Shale	973'	Shale	2527'
Cedar Hill Sand	1216'	Shale & Lime	2821'
Red Bed Shale	1445'	Lime & Shale	3260'
Anhydrite	1715'	RTD	3897'
Base Anhydrite	1751'		

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

Thomas H. Alm

Subscribed and sworn to before me on 5-30-02

My Commission expires: 8-9-03

(Place stamp or seal below)

Glenna S. Alm

Notary Public

