

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

Form ACO-1  
September 1999  
Form Must Be Typed

**CONFIDENTIAL**

**RECEIVED**

**MAY 27 2004**

**KCC WICHITA**

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., 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: \_\_\_\_\_  
 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. \_\_\_\_\_  
5/12/04    5/17/04    5/18/04  
 Spud Date or    Date Reached TD    Completion Date or  
 Recompletion Date       Recompletion Date

API No. 15 - 051-25,297-00-00  
 County: Ellis  
40' N & 60' E of  
W/2 - E/2 NE Sec. 5 Twp. 13 S. R. 17 W  East  West  
1280 feet from  N  (circle one) Line of Section  
930 feet from  E  (circle one) Line of Section  
 Footages Calculated from Nearest Outside Section Corner:  
 (circle one)  NE  SE  NW  SW  
 Lease Name: Nuss Well #: 1  
 Field Name: Catherine NW  
 Producing Formation: None  
 Elevation: Ground: 2066' Kelly Bushing: 2074'  
 Total Depth: 3679' Plug Back Total Depth: \_\_\_\_\_  
 Amount of Surface Pipe Set and Cemented at 222.69 Feet  
 Multiple Stage Cementing Collar Used?  Yes  No  
 If yes, show depth set \_\_\_\_\_ Feet  
 If Alternate II completion, cement circulated from \_\_\_\_\_  
 feet depth to \_\_\_\_\_ w/ \_\_\_\_\_ sx cm.  
ALT II P&A WITH 221-07  
**Drilling Fluid Management Plan**  
 (Data must be collected from the Reserve Pit)  
 Chloride content 9,000 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.: \_\_\_\_\_

**KCC**  
**MAY 27 2004**  
**CONFIDENTIAL**

**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: 5-26-04  
 Subscribed and sworn to before me this 26th day of May,  
~~2004~~  
 Notary Public: Margaret A. Schulte  
 Date Commission Expires: \_\_\_\_\_

NOTARY PUBLIC - State of Kansas  
 MARGARET A. SCHULTE  
 My Appl. Exp. 1-27-05

**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, INC. Lease Name: Nuss Well #: 1  
 Sec. 5 Twp. 13 S. R. 17W  East  West County: Ellis

**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  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:

- Dual Compensated Porosity Log
- Dual Induction Log
- Microresistivity Log

<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Name	Top	Datum
Anhydrite	1286'	( +788)
Topeka	3054'	( -980)
Heebner	3289'	(-1215')
Toronto	3309'	(-1235)
Lansing	3335'	(-1261)
Stark	3525'	(-1451)
Base/KC	3566'	(-1492)
Arbuckle	3593'	(-1519)
L.T.D.	3681'	(-1607)

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	# Sacs Used	Type and Percent Additives
Surface Pipe	12 1/4"	8 5/8"	20 #	222.69'	Common	150	2%Gel & 3%CC

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

TUBING RECORD		Size	Set At	Packer At	Liner Run
					<input type="checkbox"/> Yes <input type="checkbox"/> No
Date of First, Resumed Production, SWD or Enhr.			Producing Method		
			<input type="checkbox"/> Flowing <input 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

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

METHOD OF COMPLETION  Open Hole  Perf.  Dually Comp.  Commingled

Production Interval  Other (Specify) \_\_\_\_\_



# Discovery Drilling

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

KCC  
MAY 27 2004

RECEIVED

MAY 27 2004

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: Nuss #1

Location: 40' N & 60' E of W/2 / E/2 / NE  
Sec. 5/13S/17W  
Ellis Co., KS

Loggers Total Depth: 3681'  
Rotary Total Depth: 3679'  
Commenced: 5/12/2004  
Casing: 8 5/8" @ 222.69' w/ 150 sks

Elevation: 2066' GL / 2074' KB  
Completed: 5/18/2004  
Status: D & A

### DEPTHS & FORMATIONS (All from KB)

Surface, Sand & Shale	0'	Shale	1324'
Dakota Sand	565'	Shale & Lime	1901'
Shale	696'	Shale	2293'
Cedar Hill Sand	781'	Shale & Lime	2744'
Red Bed Shale	992'	Lime & Shale	3346'
Anhydrite	1287'	RTD	3679'
Base Anhydrite	1324'		

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.

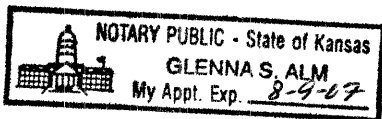
\_\_\_\_\_  
Thomas H. Alm

Subscribed and sworn to before me on 5-19-04

My Commission expires: 8-9-07

(Place stamp or seal below)

Glenna S. Alm  
Notary Public



# ALLIED CEMENTING CO., INC. 17158

Federal Tax I.D.# 48-0727860

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

SERVICE POINT:  
*Russell*

DATE <i>5/12/04</i>	SEC.	TWP.	RANGE	CALLED OUT <i>1:00pm</i>	ON LOCATION <i>8:30pm</i>	JOB START	JOB FINISH <i>4:00pm</i>
LEASE <i>MUS</i>	WELL # <i>1</i>	LOCATION <i>Catharine 15N</i>			COUNTY <i>Ellis</i>	STATE <i>KS</i>	
OLD OR <u>NEW</u> (Circle one)							

*COPY*

CONTRACTOR <i>Riscovey</i>	OWNER _____
TYPE OF JOB <i>Surface</i>	CEMENT AMOUNT ORDERED _____
HOLE SIZE <i>12 1/4</i> T.D. _____	COMMON <i>150</i> @ <i>7.65</i> <i>1147.50</i>
CASING SIZE <i>8 1/2</i> DEPTH _____	POZMIX _____ @ _____
TUBING SIZE _____ DEPTH _____	GEL <i>3</i> @ <i>11.00</i> <i>33.00</i>
DRILL PIPE _____ DEPTH _____	CHLORIDE <i>5</i> @ <i>30.00</i> <i>150.00</i>
TOOL _____ DEPTH _____	ASC _____ @ _____
PRES. MAX _____ MINIMUM _____	_____ @ _____
MEAS. LINE _____ SHOE JOINT _____	_____ @ _____
CEMENT LEFT IN CSG. <i>15'</i>	_____ @ _____
PERFS. _____	_____ @ _____
DISPLACEMENT <i>13.18 bbls</i>	_____ @ _____
<b>EQUIPMENT</b>	
PUMP TRUCK CEMENTER <i>Bill</i>	_____ @ _____
# <i>366</i> HELPER <i>Shane</i>	_____ @ _____
BULK TRUCK _____	_____ @ _____
# <i>213</i> DRIVER <i>Craig</i>	_____ @ _____
BULK TRUCK _____	_____ @ _____
# _____ DRIVER _____	_____ @ _____
HANDLING <i>158</i> @ <i>1.25</i> <i>197.50</i>	
MILEAGE <i>54.75k/mile</i> <i>158.00</i>	
<b>TOTAL 1686.00</b>	

*KCC*  
*5172000*  
*WICHITA*

**REMARKS:**

*Ran 5 ftz of 8 1/2 net C 221*  
*Cemt w/ 150 lb Com 3-2*  
*pump plus w/ 13.18 bbls of water*  
*Cemt did Circ.*

**SERVICE**

DEPTH OF JOB _____	
PUMP TRUCK CHARGE _____	<i>520.00</i>
EXTRA FOOTAGE _____ @ _____	
MILEAGE <i>20</i> @ <i>4.00</i> <i>80.00</i>	
<i>1-8 1/2 wood plus</i> @ _____	<i>45.00</i>
_____ @ _____	
_____ @ _____	
<b>TOTAL 645.00</b>	

CHARGE TO: *J.O. Farmer Fac.*

STREET \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

**PLUG & FLOAT EQUIPMENT**

MANIFOLD _____ @ _____	
_____ @ _____	
_____ @ _____	
_____ @ _____	
_____ @ _____	
<b>TOTAL _____</b>	

**RECEIVED**  
**MAY 27 2004**  
**KCC WICHITA**

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.

SIGNATURE *Sgt Rowe*

PRINTED NAME \_\_\_\_\_

TAX \_\_\_\_\_

TOTAL CHARGE \_\_\_\_\_

DISCOUNT \_\_\_\_\_ IF PAID IN 30 DAYS

# ALLIED CEMENTING CO., INC. 17935

Federal Tax I.D.# 48-27860

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

SERVICE POINT: Hot Band

COPY

DATE <u>5-18-01</u>	SEC. <u>5</u>	TWP. <u>13</u>	RANGE <u>17</u>	CALLED OUT <u>10:00 AM</u>	ON LOCATION <u>1:30 PM</u>	JOB START <u>2:00 PM</u>	JOB FINISH <u>6:00 PM</u>
LEASE <u>None</u>		WELL # <u>1</u>		LOCATION <u>Catherine W/Side 1 3/4 N, W/S</u>		COUNTY <u>Ellis</u>	STATE <u>Ks</u>
OLD OR <u>NEW</u> (Circle one)							

CONTRACTOR Diagnose #1

TYPE OF JOB Antony Plug

HOLE SIZE 7 7/8 T.D. 3643'

CASING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_

TUBING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_

DRILL PIPE 4 1/2" DEPTH 3550'

TOOL \_\_\_\_\_ DEPTH \_\_\_\_\_

PRES. MAX \_\_\_\_\_ MINIMUM \_\_\_\_\_

MEAS. LINE \_\_\_\_\_ SHOE JOINT \_\_\_\_\_

CEMENT LEFT IN CSG. \_\_\_\_\_

PERFS. \_\_\_\_\_

DISPLACEMENT \_\_\_\_\_

OWNER Same

CEMENT AMOUNT ORDERED 225 lbs 60/40, 690/12

1/4" Round/pt.

COMMON \_\_\_\_\_ @ \_\_\_\_\_

POZMIX \_\_\_\_\_ @ \_\_\_\_\_

GEL \_\_\_\_\_ @ \_\_\_\_\_

CHLORIDE \_\_\_\_\_ @ \_\_\_\_\_

ASC \_\_\_\_\_ @ CC

**EQUIPMENT**

PUMP TRUCK CEMENTER Tom D

# 181 HELPER Don Dimmitt

BULK TRUCK

# 342 DRIVER Don Duggan

BULK TRUCK

# \_\_\_\_\_ DRIVER \_\_\_\_\_

HANDLING \_\_\_\_\_ @ \_\_\_\_\_

MILEAGE \_\_\_\_\_ @ \_\_\_\_\_

TOTAL \_\_\_\_\_

**REMARKS:**

Mixed - 25 lbs @ 3550'

25 lbs @ 1300'

100 lbs @ 825'

40 lbs @ 275'

10 lbs @ 40'

15 lbs in Red Lake

10 lbs in Mound Lake

Stanko

**SERVICE**

DEPTH OF JOB 3550'

PUMP TRUCK CHARGE \_\_\_\_\_ @ \_\_\_\_\_

EXTRA FOOTAGE \_\_\_\_\_ @ \_\_\_\_\_

MILEAGE \_\_\_\_\_ @ \_\_\_\_\_

TOTAL \_\_\_\_\_

CHARGE TO: John O. Farmer

STREET \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

**PLUG & FLOAT EQUIPMENT**

MANIFOLD \_\_\_\_\_ @ \_\_\_\_\_

1-8 7/8 Dryhole \_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

TOTAL \_\_\_\_\_

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TAX \_\_\_\_\_

TOTAL CHARGE \_\_\_\_\_

DISCOUNT \_\_\_\_\_ IF PAID IN 30 DAYS

SIGNATURE Thomas ALM

Thomas ALM  
PRINTED NAME