

CONFIDENTIAL

ORIGINAL

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

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) 483-3144
 Contractor: Name: Discovery Drilling Company, Inc.
 License: 31548
 Wellsite Geologist: Randall Kilian
 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. _____

<u>1-18-06</u>	<u>1-24-06</u>	<u>2-2-06</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

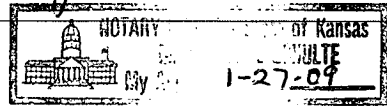
API No. 15 - 065-23,127-00-00
 County: Graham
 App. NW - SE - SE Sec. 9 Twp. 10 S. R. 21 East West
925 feet from S / N (circle one) Line of Section
880 feet from E / W (circle one) Line of Section
 Footages Calculated from Nearest Outside Section Corner:
 (circle one) NE SE NW SW
 Lease Name: Hayes Well #: 1
 Field Name: (wildcat)
 Producing Formation: Arbuckle
 Elevation: Ground: 2277' Kelly Bushing: 2285'
 Total Depth: 3950' Plug Back Total Depth: 3927'
 Amount of Surface Pipe Set and Cemented at 221 Feet
 Multiple Stage Cementing Collar Used? Yes No
 If yes, show depth set _____ Feet
 If Alternate II completion, cement circulated from 3947
 feet depth to surface w/ 445 sx cmt.

Drilling Fluid Management Plan ACT II NH 6-6-08
 (Data must be collected from the Reserve Pit)
 Chloride content 13,000 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 III
 Title: President Date: 5-16-06
 Subscribed and sworn to before me this 16th day of May,
2006.
 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
MAY 17 2006

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Operator Name: John O. Farmer, Inc. Lease Name: Hayes Well #: 1
 Sec. 9 Twp. 10 S. R. 21 East West County: Graham

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: Dual Compensated Porosity Log, Dual Induction Log, Microresistivity Log, Cement Bond Log Gamma Ray	<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>1785'</td> <td>(+500)</td> </tr> <tr> <td>Topeka</td> <td>3300'</td> <td>(-1015)</td> </tr> <tr> <td>Heebner</td> <td>3504'</td> <td>(-1219)</td> </tr> <tr> <td>Toronto</td> <td>3528'</td> <td>(-1243)</td> </tr> <tr> <td>Lansing</td> <td>3542'</td> <td>(-1257)</td> </tr> <tr> <td>Base/KC</td> <td>3768'</td> <td>(-1483)</td> </tr> <tr> <td>Arbuckle</td> <td>3864'</td> <td>(-1579)</td> </tr> <tr> <td>L.T.D.</td> <td>3950'</td> <td>(-1665)</td> </tr> </table>	Name	Top	Datum	Anhydrite	1785'	(+500)	Topeka	3300'	(-1015)	Heebner	3504'	(-1219)	Toronto	3528'	(-1243)	Lansing	3542'	(-1257)	Base/KC	3768'	(-1483)	Arbuckle	3864'	(-1579)	L.T.D.	3950'	(-1665)
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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#	221'	Common	150	3% C.C., 2% gel
Production	7-7/8"	5-1/2"	14#	3947'	SMDC	375	11.2#/Gal.
					SMDC	70	14.0#/Gal.

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	3864-72' (Arbuckle)	500 gals. 28% NE acid	

TUBING RECORD	Size Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
	2-3/8"	3923'	

Date of First, Resumerd Production, SWD or Enhr. 4-12-06	Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)
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Estimated Production Per 24 Hours	Oil Bbbs. 45.40	Gas Mcf	Water Bbbs. 1.82	Gas-Oil Ratio	Gravity 20.13°
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Disposition of Gas <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION <input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <input type="checkbox"/> Other (Specify) _____	Production Interval <u>3864-72'</u>
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ALLIED CEMENTING CO., INC. 23567

Federal Tax I.D.

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

SERVICE POINT:

Russell

COPY

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DATE <i>1-18-06</i>	SEC. <i>9</i>	TWP. <i>10</i>	RANGE <i>21</i>	CALLED OUT	ON LOCATION	JOB START <i>7:00am</i>	JOB FINISH <i>7:15pm</i>
LEASE <i>Hays</i>	WELL # <i>1</i>	LOCATION <i>Red Line Church of God</i>		COUNTY <i>Keosau</i>	STATE <i>Kansas</i>		
OLD OR NEW (Circle one)							

CONTRACTOR *Discovery Drilling Rig 3*

TYPE OF JOB *Surface*

HOLE SIZE *12 1/4"* T.D. *222'*

CASING SIZE *8 1/2" 23lb* DEPTH *221'*

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG. *15'*

PERFS.

DISPLACEMENT *134 Bbl*

OWNER

CEMENT

AMOUNT ORDERED *150 sks Cem 38cc 286cl*

COMMON	<i>150</i>	@	<i>8.70</i>	<i>1305.00</i>
POZMIX		@		
GEL	<i>3</i>	@	<i>14.00</i>	<i>42.00</i>
CHLORIDE	<i>5</i>	@	<i>38.00</i>	<i>190.00</i>
ASC		@		
HANDLING	<i>158</i>	@	<i>1.62</i>	<i>257.96</i>
MILEAGE	<i>64/sk/mile</i>			<i>663.60</i>
TOTAL				<i>2453.40</i>

EQUIPMENT

PUMP TRUCK CEMENTER *Steve*

409 HELPER *Craig*

BULK TRUCK

213 DRIVER *Jody*

BULK TRUCK

DRIVER

REMARKS:

Consolidated Creable

Thank You

CHARGE TO: *J.O. Farmer*

STREET

CITY STATE ZIP

SERVICE

DEPTH OF JOB				
PUMP TRUCK CHARGE				<i>676.00</i>
EXTRA FOOTAGE		@		
MILEAGE	<i>70</i>	@	<i>5.00</i>	<i>350.00</i>
MANIFOLD		@		
TOTAL				<i>1026.00</i>

PLUG & FLOAT EQUIPMENT

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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.

SIGNATURE *John Goehler*

TAX

TOTAL CHARGE

DISCOUNT IF PAID IN 30 DAYS

PRINTED NAME

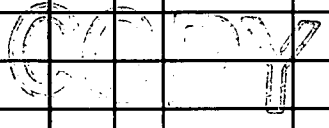
JOB LOG

SWIFT Services, Inc.

DATE 1-25-06 PAGE NO. 1

CUSTOMER John D. Farmer WELL NO. #1 LEASE Hayes JOB TYPE Cement Long string TICKET NO. 9651

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1000							on loc setup Trks
								5 1/2" x 14" x 3952' x 19' 5.5' Land at 3947'
	1045							start FE
	1230							Break Circulation
	1300	2	3/2					plug RH & MH
	1304							
	1304	4	0				100	start Mud Flush 50 gal
	1307	7	12/0				200	start Lead Cement 400 sks @ 11.2 ppg
	1338	6	200/0				200	tail cement 100 sks @ 14.8 ppg
	1344		28					end cement 15 sks. of wash P/L this total to rat holes
								Drop Plug 10 sks. to mousehole
	1348	7	0				100	start Displacement
	1353	6	32				150	catch Cement
	1405		96				750 / 1300	land Plug Release Pressure Float Held



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400
10
100 sks @ 14.8 ppg

circ 20 sks to pit

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Thank you
Nick, Josh & Shane



**Discovery
Drilling**

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

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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: **Hayes #1**

Location: **65' S & 110' E of NW / SE / SE**
Sec. ~~7-148-21W~~ **9-10S-21W**
Graham Co., KS

Loggers Total Depth: **3950'**
Rotary Total Depth: **3950'**
Commenced: **1/18/2006**
Casing: **8 5/8" @ 221.44' w / 150 sks**
5 1/2" @ 3947' w / 445 sks

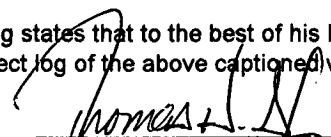
Elevation: **2277' GL / 2285' KB**
Completed: **1/25/2006**
Status: **Oil Well**

DEPTHS & FORMATIONS
(All from KB)

Surface, Sand & Shale	0'	Shale	1668'
Dakota Sand	929'	Shale & Lime	2173'
Shale	984'	Shale	2494'
Cedar Hill Sand	1222'	Shale & Lime	2812'
Red Bed Shale	1473'	Lime & Shale	3457'
Anhydrite	1792'	RTD	3950'
Base Anhydrite	1830'		

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 1-27-06

My Commission expires: 8-9-07

(Place stamp or seal below) 

Notary Public

NOTARY PUBLIC - State of Kansas
GLENN S. ALM
My Appt. Exp. 8-9-07

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