

CONFIDENTIAL

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM

WELL HISTORY - DESCRIPTION OF WELL & LEASE

ORIGINAL

Form ACO-1
September 1999
Form Must Be Typed

3-13-09

Operator: License # 5135
Name: John O. Farmer, Inc.
Address: P.O. Box 352
City/State/Zip: Russell, KS 67665
Purchaser: _____
Operator Contact Person: Marge Schulte
Phone: (785) 483-3144
Contractor: Name: Discovery Drilling Company, Inc.
License: 31548
Wellsite Geologist: Tony Richardson

Designate Type of Completion:

☒ New Well ☐ Re-Entry ☐ Workover
☐ Oil ☐ SWD ☐ SLOW ☐ 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. _____

11-15-06 11-20-06

Spud Date or
Recompletion Date

Date Reached TD

Completion Date or
Recompletion Date

API No. 15 - 167-23,391-00-00

County: Russell75 S. SW NE SW Sec. 6 Twp. 14 S. R. 14 ☐ East ☒ West

1575 1621 feet from (S) N (circle one) Line of Section

1680 3657 feet from (E) (W) (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:

(circle one) NE SE NW (SW)

Lease Name: Mabb "B" Well #: 1Field Name: Gorham

Producing Formation: _____

Elevation: Ground: 1886' Kelly Bushing: 1894'Total Depth: 3280' Plug Back Total Depth: _____Amount of Surface Pipe Set and Cemented at 493 FeetMultiple Stage Cementing Collar Used? ☒ Yes ☐ NoIf yes, show depth set 946 Feet

If Alternate II completion, cement circulated from _____

feet depth to _____ w/ _____ sx cmt.

Drilling Fluid Management Plan PA NH 10-3008
(Data must be collected from the Reserve Pit)

Chloride content 16,000 ppm Fluid volume 300 bblsDewatering method used evaporation

Location of fluid disposal if hauled offsite: _____

Operator Name: _____

Lease Name: _____ License No.: _____

Quarter _____ Sec. _____ Twp. _____ S. R. _____ ☐ East ☐ West

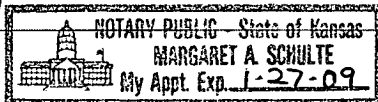
County: _____ Docket No.: _____

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, Inc.Title: President Date: 3-13-07Subscribed and sworn to before me this 13th day of March20 07Notary Public: Margaret A. Schulte

Date Commission Expires: _____



KCC Office Use ONLY

☒ Letter of Confidentiality ReceivedIf Denied, Yes ☐ Date: _____☐ Wireline Log Received☐ Geologist Report Received☐ UIC Distribution

RECEIVED

MAR 14 2007

KCC WICHITA

Operator Name: John O. Farmer, Inc.Lease Name: Mabb "B"Well #: 1Sec. 6 Twp. 14 S. R. 14 ☐ East ☒ WestCounty: Russell

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:

Gamma Ray Neutron CCL Log

☐ Log Formation (Top), Depth and Datum ☒ Sample

Name	Top	Datum
Stotler	2540'	(-646)
Tarkio	2599'	(-705)
Howard	2739'	(-845)
Topeka	2799'	(-905)
Oread	2947'	(-1053)
Heebner	3030'	(-1136)
R.T.D.	3035'	(-1141)
(drilled deeper)	3280'	(-1386)

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	12-1/4"	8-5/8"	23#	493'	Common	210	3% C.C., 2% gel
Production	7-7/8"	5-1/2"	14#	3035'	Common	100	10% salt &
							5# Gilsontite/sk.

ADDITIONAL CEMENTING / SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input checked="" type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone		Common	150	

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	2800-2810' (Topeka)	1000 gals. 15% NE	
4 SPF	2980-2990' (Plattsmouth)		

TUBING RECORD	Size	Set At	Packer At	Liner Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Date of First, Resumed Production, SWD or Enhr. WELL PLUGGED 3-5-07	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

METHOD OF COMPLETION

Production Interval

☐ Vented ☐ Sold ☐ Used on Lease
 (If vented, Submit ACO-18.)

☐ Open Hole ☐ Perf. ☐ Dually Comp. ☐ Commingled
☐ Other (Specify)

QUALITY OILWELL CEMENTING, INC.

Phone 785-483-2025
Cell 785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

COPY No. 1164

Date <i>11-15-06</i>	Sec.	Twp.	Range	Called Out	On Location	Job Start	Finish
Lease <i>21</i>	Well No. <i>29-1</i>	Location <i>21-25-20-21</i>			County	State	

Contractor <i>T. J. ...</i>		Owner	
Type Job <i>...</i>	To Quality Oilwell Cementing, Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.		
Hole Size <i>7 1/4"</i>	T.D. <i>411'</i>	Charge To <i>T.O. ...</i>	
Csg. <i>...</i>	Depth <i>...</i>	Street	
Tbg. Size	Depth	City	State
Drill Pipe	Depth	The above was done to satisfaction and supervision of owner agent or contractor.	
Tool	Depth		
Cement Left in Csg. <i>...</i>	Shoe Joint		
Press Max.	Minimum		
Meas Line	Displace <i>235</i>		
Perf.			

EQUIPMENT

Pumptrk <i>1</i>	No.	Cementor	
		Helper	
Bulktrk <i>2</i>	No.	Driver	
		Driver	
Bulktrk <i>2</i>	No.	Driver	
		Driver	

JOB SERVICES & REMARKS

Pumptrk Charge <i>...</i>	<i>775.00</i>
Mileage <i>...</i>	<i>30.00</i>
Footage	
Total	<i>805.00</i>

Remarks:	Sales Tax
<i>Cement ...</i>	Handling <i>220 @ 1.90</i>
	Mileage <i>MINIMUM CHARGE</i>
	<i>PUMP TRUCK CHARGE</i>
	Sub Total
	Total
<i>...</i>	Floating Equipment & Plugs <i>...</i>
	Squeeze Manifold
	Rotating Head
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	MAR 14 2007
	KCC WICHITA
X Signature <i>...</i>	Tax <i>192.06</i>
	Discount <i>(415.00)</i>
	Total Charge <i>392.06</i>

ALLIED CEMENTING CO., INC.

33211

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

SERVICE POINT:

Russell

COPY

DATE <i>1/20/06</i>	SEC <i>6</i>	TWP. <i>14</i>	RANGE <i>14</i>	CALLED OUT	ON LOCATION <i>9:00 PM</i>	JOB START	JOB FINISH <i>10:15 PM</i>
LEASE <i>MAAB</i>	WELL # <i>B-1</i>	LOCATION <i>BALCO 15 1/2 E</i>			COUNTY <i>Russell</i>	STATE <i>K</i>	
OLD OR NEW (Circle one)							

CONTRACTOR *Discovery #2*

TYPE OF JOB *Prod CSG*

HOLE SIZE *7 7/8* T.D. *3035*

CASING SIZE *5 1/2* DEPTH

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG. *22*

PERFS.

DISPLACEMENT *72'*

EQUIPMENT

PUMP TRUCK CEMENTER *Bill*

366 HELPER *Paul*

BULK TRUCK

213 DRIVER *Arden*

BULK TRUCK

DRIVER

REMARKS:

Pipe 3035

Shoe 22

Insert 3013

Pump 300 gal Flush

Follow w/ 500' of Cement

Pump plug w/ 3 1/2 bbl. of water

Land plug 1200' Float did hold

15 ft

10 m

CHARGE TO: *John O. Farmer Inc.*

STREET

CITY STATE ZIP

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 *Arden Weathers*

OWNER

CEMENT

AMOUNT ORDERED

12500 Com 10% Salt 5# 6.1 p/c

300996 WFR2

COMMON	<i>125</i>	@	<i>1065</i>	<i>133125</i>
POZMIX		@		
GEL		@		
CHLORIDE		@		
ASC		@		
<i>Salt</i>	<i>12</i>	@	<i>1920</i>	<i>23040</i>
<i>Gilsonite</i>	<i>1000#</i>	@	<i>.70</i>	<i>70000</i>
		@		
<i>WFR-2</i>	<i>300gals</i>	@	<i>100</i>	<i>30000</i>
		@		
		@		
		@		
HANDLING	<i>137</i>	@	<i>190</i>	<i>26030</i>
MILEAGE	<i>94/sk/mile</i>			<i>24000</i>
TOTAL				<i>306195</i>

SERVICE

DEPTH OF JOB			
PUMP TRUCK CHARGE			<i>161000</i>
EXTRA FOOTAGE	@		
MILEAGE	<i>6</i>	@	<i>600</i>
MANIFOLD	@		
	@		
	@		
TOTAL <i>161600</i>			

PLUG & FLOAT EQUIPMENT

<i>Guys shape</i>			<i>16000</i>
<i>5 - Baskets</i>	@	<i>15000</i>	<i>75000</i>
<i>3 - Centralizers</i>	@	<i>5000</i>	<i>15000</i>
<i>Buc. Port collar</i>	@		<i>175000</i>
<i>50' Scratchers</i>	@	<i>10@5500</i>	<i>55000</i>
<i>Latch down plug</i>	@		<i>37500</i>
TOTAL <i>373500</i>			

TAX

TOTAL CHARGE

DISCOUNT IF PAID IN 30 DAYS

PRINTED NAME

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KCC WICHITA

33218

SERVICE POINT:

Russell

COPY

CONTRACTOR <u>L 81m</u>	OWNER _____
TYPE OF JOB <u>3 square</u>	CEMENT _____
HOLE SIZE _____ T.D. _____	AMOUNT ORDERED _____
CASING SIZE <u>5 1/2</u> DEPTH _____	<u>150 lbs. Com</u>
TUBING SIZE <u>2 7/8</u> DEPTH _____	_____
DRILL PIPE _____ DEPTH _____	_____
TOOL _____ DEPTH _____	_____
PRES. MAX _____ MINIMUM _____	COMMON <u>150</u> @ <u>10.65</u> <u>1597.5</u>
MEAS. LINE _____ SHOE JOINT _____	POZMIX _____ @ _____
CEMENT LEFT IN CSG. _____	GEL <u>3</u> @ <u>16.65</u> <u>49.95</u>
PERFS. _____	CHLORIDE <u>5</u> @ <u>46.60</u> <u>233.00</u>
DISPLACEMENT _____	ASC _____ @ _____

PUMP TRUCK	CEMENTER	Bill
# 266	HELPER	Chris
BULK TRUCK		
# 378	DRIVER	Doug
BULK TRUCK		
#	DRIVER	

CEMENT			
AMOUNT ORDERED			
150 McCon			
COMMON	150	@ 10.65	1597.50
POZMIX		@	
GEL	3	@ 16.65	49.95
CHLORIDE	5	@ 46.60	233.00
ASC		@	
		@	
		@	
		@	
		@	
		@	
		@	
		@	
		@	
HANDLING	158	@ 190	30020
MILEAGE	94/SK/MILE		24000
TOTAL			242065

DEPTH OF JOB _____		
PUMP TRUCK CHARGE _____		955.00
EXTRA FOOTAGE _____ @ _____		
MILEAGE 12 @ 6.00		72.00
MANIFOLD _____ @ _____		
_____ @ _____		

TOTAL 1027.00

	@	
	@	
	@	
	@	
	@	
	@	
TOTAL		

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

PRINTED NAME

KCC
MAR 13 2007
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KCC WICHITA

ALLIED CEMENTING CO., INC.

33487

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

SERVICE POINT

R

COPY

DATE <u>12-18-06</u>	SEC.	TWP.	RANGE	CALLED OUT	ON LOCATION	JOB START	JOB FINISH <u>5:45 PM</u>
LEASE <u>MO 33</u>	WELL # <u>B-1</u>	LOCATION <u>BALTA & T-70 1/2 S</u>			COUNTY <u>RUSSELL</u>	STATE <u>KS</u>	
<input checked="" type="radio"/> OLD OR NEW (Circle one)		<u>1/2 E NIN</u>					

CONTRACTOR
TYPE OF JOB LINER
HOLE SIZE _____ T.D. _____
CASING SIZE 5 1/2 & 4 1/2 DEPTH _____
TUBING SIZE 2 7/8 DEPTH 2976'
DRILL PIPE 2 3/8 DEPTH 246'
TOOL _____ DEPTH _____
PRES. MAX _____ MINIMUM _____
MEAS. LINE _____ SHOE JOINT _____
CEMENT LEFT IN CSG. _____
PERFS. _____
DISPLACEMENT _____

EQUIPMENT
PUMP TRUCK CEMENTER MARK
366 HELPER PAUL
BULK TRUCK
213 DRIVER BRANDON
BULK TRUCK
_____ DRIVER _____

REMARKS:

SET 210' 4 1/2" @ 3223
PUMP 27 BBL WATER MAKE
SURE SHOE CLEAR MEY 40 SIL DAP
BALL MEY 10 SIL DISPLACE 16 1/2
BBL WAIT 45 MIN FOR BALL TO FALL
OVER PUSHED 10 BBL DOWN TUBING 100'
50 BBL DOWN 5 1/2" SHUT DOWN
THANKS

CHARGE TO: JO. FARMER
STREET _____
CITY _____ STATE _____ ZIP _____

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 _____

OWNER
CEMENT
AMOUNT ORDERED 40 Com 10% SALT
3/4 190 CD-31
3/4 190 DEFOAMER A
COMMON AD @ 1065 426.00
POZMIX @ _____
GEL @ _____
CHLORIDE @ _____
ASC @ _____
SALT 4 @ 1920 76.80
CD-31 28 @ 750 210.00
DEFOAMER 20 @ 720 144.00
@ _____
@ _____
@ _____
@ _____
@ _____
HANDLING AA @ 190 83.60
MILEAGE 90 / SK / MILE 240.00
TOTAL 1180.40

SERVICE

DEPTH OF JOB _____
PUMP TRUCK CHARGE 955.00
EXTRA FOOTAGE @ _____
MILEAGE 40 @ 600 60.00
MANIFOLD @ _____
@ _____
@ _____

TOTAL 1015.00

PLUG & FLOAT EQUIPMENT

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

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

PRINTED NAME _____

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