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KCC WICHITA

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

ORIGINAL

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

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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. _____

7-25-05 7-29-05 7-30-05
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 065-23,076-00-00
County: Graham
App. NW NE SE Sec. 7 Twp. 9S S. R. 21 East West
2310 feet from (S) / N (circle one) Line of Section
1030 feet from (E) / W (circle one) Line of Section

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

Producing Formation: _____
Elevation: Ground: 2226' Kelly Bushing: 2234'
Total Depth: 3837' Plug Back Total Depth: _____
Amount of Surface Pipe Set and Cemented at 222 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 cmt.

Drilling Fluid Management Plan *ALT II PLANNING*
(Data must be collected from the Reserve Pit) *B-2702*
Chloride content 38,000 ppm Fluid volume 400 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, Inc.
Title: President Date: 8-23-05
Subscribed and sworn to before me this 23rd day of August,
20 05.
Notary Public: Margaret A. Schulte
Date Commission Expires: _____



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

Operator Name: John O. Farmer, Inc. Lease Name: Cooley Well #: 1
 Sec. 7 Twp. 9S 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	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample <table style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Name</th> <th style="text-align: left;">Top</th> <th style="text-align: left;">Datum</th> </tr> </thead> <tbody> <tr> <td>Anhydrite</td> <td>1730'</td> <td>(+504)</td> </tr> <tr> <td>Base/Anhydrite</td> <td>1765'</td> <td>(+469)</td> </tr> <tr> <td>Topeka</td> <td>3195'</td> <td>(-961)</td> </tr> <tr> <td>Heebner Shale</td> <td>3407'</td> <td>(-1173)</td> </tr> <tr> <td>Lansing</td> <td>3446'</td> <td>(-1212)</td> </tr> <tr> <td>Base/KC</td> <td>3656'</td> <td>(-1422)</td> </tr> <tr> <td>Arbuckle</td> <td>3765'</td> <td>(-1531)</td> </tr> <tr> <td>L.T.D.</td> <td>3836'</td> <td>(-1602)</td> </tr> </tbody> </table>	Name	Top	Datum	Anhydrite	1730'	(+504)	Base/Anhydrite	1765'	(+469)	Topeka	3195'	(-961)	Heebner Shale	3407'	(-1173)	Lansing	3446'	(-1212)	Base/KC	3656'	(-1422)	Arbuckle	3765'	(-1531)	L.T.D.	3836'	(-1602)
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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#	222'	Common	150	3% C.C., 2% gel

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				

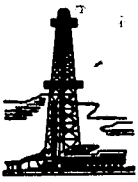
Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth

TUBING RECORD	Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No
Date of First, Resumerd 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

Production Interval Open Hole Perf. Dually Comp. Commingled Other (Specify) _____



CONFIDENTIAL
Discovery
Drilling

KCC
 AUG 23 2005
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ORIGINAL
RECEIVED
 AUG 24 2005
KCC WICHITA

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

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: Cooley #1

Location: 40' W of NW / NE / SE
 Sec. 7 / 9S / 21W
 Graham Co., KS

Loggers Total Depth: 3836'

Rotary Total Depth: 3837'

Commenced: 7/25/2005

Casing: 8 5/8" @ 222' w / 150 sks

Elevation: 2226' GL / 2234' KB

Completed: 7/30/2005

Status: D & A

DEPTHS & FORMATIONS
 (All from KB)

Surface, Sand & Shale	0'	Shale	1765'
Dakota Sand	858'	Shale & Lime	2245'
Shale	951'	Shale	2610'
Cedar Hill Sand	1230'	Shale & Lime	3033'
Red Bed Shale	1460'	Lime & Shale	3411'
Anhydrite	1732'	RTD	3738'
Base Anhydrite	1765'		

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.

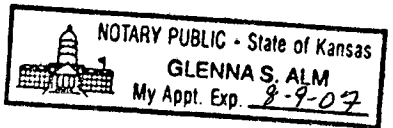
 Thomas H. Alm

Subscribed and sworn to before me on 7-31-05

My Commission expires: 8-9-07

(Place stamp or seal below)

 Notary Public



ALLIED CEMENTING CO., INC.

21602

CONFIDENTIAL

KCC

REMIT TO P.O. BOX 91
RUSSELL, KANSAS 67665

AUG 23 2005

SERVICE POINT:

CAKLEY

ORIGINAL

DATE <u>7-25-05</u>	SEC <u>7</u>	TWP <u>9S</u>	RANGE <u>21W</u>	CALLED OUT	ON LOCATION <u>3:45 PM</u>	JOB START <u>4:30 PM</u>	JOB FINISH <u>5:00 PM</u>
LEASE <u>COOLEY</u>	WELL # <u>1</u>	LOCATION <u>BOGUE 5 1/2 S - W INTO</u>			COUNTY <u>GRAHAM</u>	STATE <u>KS</u>	
OLD OR NEW (Circle one) <u>NEW</u>							

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CONTRACTOR DISCOVERY RIG # 1

TYPE OF JOB SURFACE

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

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

OWNER SAME

CEMENT AMOUNT ORDERED 150 SKS COM 3% CC 286 CL

COMMON	<u>150 SKS</u>	@	<u>10⁰⁰</u>	<u>1500⁰⁰</u>
POZMIX		@		
GEL	<u>3 SKS</u>	@	<u>14⁰⁰</u>	<u>42⁰⁰</u>
CHLORIDE	<u>5 SKS</u>	@	<u>38⁰⁰</u>	<u>190⁰⁰</u>
ASC		@		
HANDLING	<u>158 SKS</u>	@	<u>1⁶⁰</u>	<u>252⁰⁰</u>
MILEAGE	<u>64 PER SK / MILE</u>			<u>163⁰⁰</u>
TOTAL				<u>2648⁰⁰</u>

EQUIPMENT

PUMP TRUCK # 191 CEMENTER TERRY HELPER WAYNE

BULK TRUCK # 315 DRIVER ALAN

BULK TRUCK # _____ DRIVER _____

REMARKS:

CEMENT NOT CIRC.

SERVICE

DEPTH OF JOB	<u>222'</u>		
PUMP TRUCK CHARGE			<u>670⁰⁰</u>
EXTRA FOOTAGE		@	
MILEAGE	<u>70 MI</u>	@	<u>5⁰⁰</u> <u>250⁰⁰</u>
MANIFOLD		@	
TOTAL			<u>1020⁰⁰</u>

THANK YOU

CHARGE TO: JOHN O. FARMER

STREET _____

CITY _____ STATE _____ ZIP _____

PLUG & 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 Syl Roma

PRINTED NAME

ALLIED CEMENTING CO., INC. 16516

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KCC

REMIT TO P.O. BOX
RUSSELL, KANSAS 67665

AUG 23 2005

SERVICE POINT:
Russell

ORIGINAL

DATE <u>7-30-05</u>	SEC.	TWP.	RANGE	CALLED OUT <u>8:00 AM</u>	ON LOCATION	JOB START	JOB FINISH <u>3:00 PM</u>
LEASE <u>Cooley</u>	WELL # <u>1</u>	LOCATION <u>Bogue & Red line RD</u>		COUNTY <u>Grant</u>	STATE <u>KANSAS</u>		
OLD OR NEW (Circle one)		<u>3 1/2 N</u>		<u>W INTO</u>			

CONTRACTOR Discovery #1

TYPE OF JOB Rotary Plug

HOLE SIZE 7 7/8 TD. 3832

CASING SIZE _____ DEPTH 3765

TUBING SIZE _____ DEPTH _____

DRILL PIPE 4 1/2 X 4 DEPTH 3765

TOOL _____ DEPTH _____

PRES. MAX _____ MINIMUM _____

MEAS. LINE _____ SHOE JOINT _____

CEMENT LEFT IN CSG. _____

PERFS. _____

DISPLACEMENT _____

EQUIPMENT

PUMP TRUCK CEMENTER Glenn

366 HELPER Fred

BULK TRUCK _____

Kelitt DRIVER 396

BULK TRUCK _____

_____ DRIVER _____

REMARKS:

25 SK @ 3765'

25 SK @ 1750

100 SK @ 950

40 SK @ 275

10 SK @ 40' + Plug

15 SK @ RAT Hole

10 SK @ Mouse Hole

T HANKS

OWNER _____

CEMENT (ACTUALLY USED 225 SKS)

AMOUNT ORDERED 220 SK 60 40 6% gel

1/4" FLO-SEAL

PER SK

COMMON	<u>132.</u>	@	<u>8.70</u>	<u>1,148.40</u>
POZMIX	<u>88</u>	@	<u>4.70</u>	<u>413.60</u>
GEL	<u>14</u>	@	<u>14.00</u>	<u>196.00</u>
CHLORIDE		@		
ASC		@		
<u>F10 8041</u>	<u>55 #</u>	@	<u>1.70</u>	<u>193.50</u>
		@		
		@		
		@		
		@		
		@		
		@		
		@		
HANDLING	<u>234</u>	@	<u>1.60</u>	<u>374.40</u>
MILEAGE	<u>72 Ten Mile</u>			<u>1,010.88</u>
	<u>6.91 SK / mile</u>			
TOTAL				<u>3236.78</u>

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SERVICE

DEPTH OF JOB _____

PUMP TRUCK CHARGE _____ 785.00

EXTRA FOOTAGE @ _____

MILEAGE 72 @ 5.00 360.00

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

TOTAL 1145.00

PLUG & FLOAT EQUIPMENT

8 5/8 Dry Hole _____ 35.00

MANIFOLD @ _____

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

TOTAL 35.00

CHARGE TO: John O. 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.

TAX _____

TOTAL CHARGE _____

DISCOUNT _____ IF PAID IN 30 DAYS _____

SIGNATURE [Signature]

PRINTED NAME _____