

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

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KCC OFFICE
ORIGINAL

CONFIDENTIAL

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

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

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FROM

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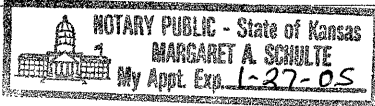
If Workover/Re-entry: Old Well Info as follows:
Operator: _____
Well Name: _____
Original Comp. Date: _____ Original Total Depth: _____
 Deepening Re-perf. Conv. to Enhr./SWD
 Plug Back _____ Plug Back Total Depth _____
 Commingled _____ Docket No. _____
 Dual Completion _____ Docket No. _____
 Other (SWD or Enhr.?) _____ Docket No. _____
5/30/02 6/6/02 6/6/02
Spud Date or Date Reached TD Completion Date or Recompletion Date

API No. 15 - 065-22,838-0000
County: Graham
App. 70' N & 90' E
of - SW- NE- SE Sec. 4 Twp. 10 S. R. 21W East West
1720 feet from (S) N (circle one) Line of Section
900 feet from (E) W (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
(circle one) NE (SE) NW SW
Lease Name: Mentgen Well #: 1
Field Name: Cooper
Producing Formation: Arbuckle
Elevation: Ground: 2278 Kelly Bushing: 2286
Total Depth: 3950 Plug Back Total Depth: 3855'
Amount of Surface Pipe Set and Cemented at 220.70 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set 1755 Feet
If Alternate II completion, cement circulated from 1755
feet depth to Surface w/ 375 sx cmt.
(10 sks. in mouse hole) (15 sks. in rat hole)
Drilling Fluid Management Plan All II 9.8.03
(Data must be collected from the Reserve Pit)
Chloride content 7,500 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: 8-27-02
Subscribed and sworn to before me this 27th day of August,
2002.
Notary Public: Margaret A. Schulte
Date Commission Expires: _____



KCC Office Use ONLY

- Letter of Confidentiality Attached
- If Denied, Yes Date: _____
- Wireline Log Received
- Geologist Report Received
- UIC Distribution

Operator Name: JOHN O. FARMER, INC. Lease Name: Mentgen Well #: 1
 Sec. 4 Twp. 10 S. R. 21W East West County: Graham

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all 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 <i>(Attach Additional Sheets)</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Anhydrite	1748'	(+538)
Electric Log Run <i>(Submit Copy)</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Base/Anhydrite	1786'	(+500)
List All E. Logs Run:		Topeka	3278'	(-992)
Cement Bond Log		Heebner Shale	3484'	(-1198)
Dual Induction Log		Toronto	3506'	(-1220)
Dual Compensated Porosity Log		Lansing	3524'	(-1238)
Microresistivity Log		Stark Shale	3713'	(-1427)
		Base/KC	3748'	(-1462)
		Arbuckle	3848'	(-1562)
		L.T.D.	3952'	(-1666)

CASING RECORD <input checked="" type="checkbox"/> New <input checked="" 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 Pipe	12 1/4	8 5/8	23	220.70	Common	150	2%Gel&3%CC
Production St.	7 7/8	5 1/2	15.5	3944	ASC	175	2%Gel
			DV Tool @	1755	60/40Poz	400	6%GelW/1/4#FC/sk

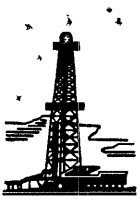
ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Casing				
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> Plug Off Zone				

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
2 SPF	3857-60' BP @ 3855'	Completed Natural	
2 SPF	3850-53'	Completed Natural	

TUBING RECORD	Size 2-7/8"	Set At 3887'	Packer At NA	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Enhr. 7-8-02	Producing Method <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. 10.89	Gas Mcf --	Water Bbls. 33.78	Gas-Oil Ratio 3.12
				Gravity 29.5°

Disposition of Gas **METHOD OF COMPLETION** Production Interval 3850-53'

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



Discovery Drilling CONFIDENTIAL

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.**
PO Box 352
Russell, KS 67665

Contractor: **Discovery Drilling Co., Inc.**
PO Box 763
Hays, KS 67601

Lease: Mentgen #1

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AUG 27 2002

Location: ⁷ 80' N & 90' E of SW/NE/SE
Sec. 4/10S/21W
Graham Co., KS

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Loggers Total Depth: 3952'
Rotary Total Depth: 3950'

Elevation: 2278' Gr./2286' KB
Completed: 6/6/02
Status: Oil Well

Commenced: 5/30/02
Casing: 8 5/8" @ 220.70' w/150sks
5 1/2" @ 3944' w/175sks
DV Tool @ 1755' w/400sks

DEPTHS & FORMATIONS
(All from KB)

Surface, Sand & Shale	0'	Shale	1786'
Dakota Sand	872'	Shale & Lime	2207'
Shale	945'	Shale	2496'
Cedar Hill Sand	1194'	Shale & Lime	2898'
Red Bed Shale	1484'	Lime & Shale	3316'
Anhydrite	1748'	RTD	3950'
Base Anhydrite	1786'		

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

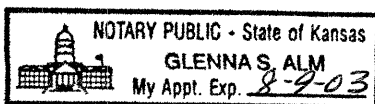
Subscribed and sworn to before me on 6-10-02

My Commission expires: 8-9-03

(Place stamp or seal below)

Glenna S. Alm
Notary Public

RELEASED
FROM
CONFIDENTIAL



ALLIED CEMENTING CO., INC.

6460

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

CONFIDENTIAL

SERVICE POINT:

R ORIGINAL

DATE <u>5-30-02</u>	SEC. <u>4</u>	TWP. <u>10</u>	RANGE <u>21</u>	CALLED OUT	ON LOCATION	JOB START	JOB FINISH <u>11:30am</u>
LEAS <u>Montgen</u>	WELL # <u>1</u>	LOCATION <u>Church of God 2S</u>			COUNTY <u>Graham</u>	STATE <u>KS</u>	
OLD OR NEW (Circle one) <u>NEW</u> <u>1W 1/4 N</u>							

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CONTRACTOR Discovery Drily
TYPE OF JOB Surface

HOLE SIZE 12 1/4 T.D. 222
CASING SIZE 8 1/2 DEPTH 220
TUBING SIZE DEPTH
DRILL PIPE DEPTH
TOOL DEPTH
PRES. MAX MINIMUM
MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG. 10 1/2
PERFS.
DISPLACEMENT 73 ft 13125 BBL

EQUIPMENT
345 Dave Mark

PUMP TRUCK CEMENTER
HELPER

BULK TRUCK DRIVER
DRIVER

BULK TRUCK DRIVER
160 DRIVER Shane

OWNER _____

CEMENT AMOUNT ORDERED 150 com 342

COMMON	<u>150</u>	@	<u>665</u>	<u>99750</u>
POZMIX		@		
GEL	<u>3</u>	@	<u>100</u>	<u>3000</u>
CHLORIDE	<u>5</u>	@	<u>3000</u>	<u>15000</u>
		@		
		@		
		@		
		@		
HANDLING	<u>150</u>	@	<u>140</u>	<u>16500</u>
MILEAGE	<u>44 1/4</u>	@	<u>1/16</u>	<u>24000</u>
TOTAL				<u>158250</u>

REMARKS:

SERVICE

Lamar Cir

DEPTH OF JOB _____
PUMP TRUCK CHARGE 52000
EXTRA FOOTAGE @ _____
MILEAGE 40 @ 300 12000
PLUG 5 wooden @ 2500 12500

TOTAL 68500

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

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 Carl F. Hoff

Carl F. Hoff
PRINTED NAME

RELEASED FROM CONFIDENTIAL

ALLIED CEMENTING CO., INC.

10597

ORIGINAL

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

CONFIDENTIAL

SERVICE POINT:

Russell

KCC

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KCC WICHITA

DATE <i>6-6-02</i>	SEC. <i>4</i>	TWP. <i>10</i>	RANGE <i>21</i>	CALLED OUT <i>NOON</i>	ON LOCATION <i>3:10 PM</i>	JOB START	JOB FINISH <i>7:45 PM</i>
LEASE <i>mentgen</i>	WELL # <i>1</i>	LOCATION <i>Church of God 2S 2W</i>			COUNTY <i>Graham</i>	STATE <i>Ks</i>	
OLD OR NEW (Circle one)							

CONTRACTOR *Discovery*
 TYPE OF JOB *Bottom steel prod. CSG*
 HOLE SIZE *7 7/8* T.D. *3950*
 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. *19.50*
 PERFS.
 DISPLACEMENT *95.8*

OWNER
 CEMENT AMOUNT ORDERED
1200 Com ASC 2% Gel
500 gal WFR-2
 COMMON *175 ASC @ 8.50 = 1487.50*
 POZMIX @
 GEL *3 @ 10.00 = 30.00*
 CHLORIDE @
 WFR-2 *500 gals @ 1.00 = 500.00*
 HANDLING *175 @ 1.40 = 192.50*
 MILEAGE *44/SK/Mile = 280.00*
 TOTAL *2490.00*

EQUIPMENT

PUMP TRUCK CEMENTER *Bill*
 # *177* HELPER *Darin*
 BULK TRUCK
 # *282* DRIVER *Shane*
 BULK TRUCK
 # DRIVER

REMARKS:

SERVICE

Pipe set 3944
Shoe pt. 19.50
Insert c 3924.5 175
Pump 500 gal flush, cement 20% gel
ASC pump plug 300 lbs water
*W. 8 lbs mud / sand plug 1000**
Float did hold

DEPTH OF JOB
 PUMP TRUCK CHARGE *1180.00*
 EXTRA FOOTAGE @
 MILEAGE *40 @ 3.00 = 120.00*
 PLUG @
 TOTAL *1250.00*

CHARGE TO: *J.O. Farmer, Inc*
 STREET
 CITY STATE ZIP

FLOAT EQUIPMENT

Weather Fen
2 Centralizers @ 50.00 = 400.00
1 Guide shoe @ 150.00 = 150.00
1 Insert @ 235.00 = 235.00
1 D.U. Tool @ 280.00 = 280.00
1 Basket @ 142.00 = 142.00
10 Rotating Scratchers 45.00 = 450.00
 TOTAL *4177.00*

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 *Aron Weasling*

PRINTED NAME

RELEASED
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ALLIED CEMENTING CO., INC. 10598

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

~~CONFIDENTIAL~~
CONFIDENTIAL

SERVICE POINT:
Russell

ORIGINAL
KCC
AUG 27 2002
CONFIDENTIAL

DATE	SEC.	TWP.	RANGE	CALLED OUT	ON LOCATION	JOB START	JOB FINISH
8-6-02	4	10	21		3:00pm		8:30pm
LEASE <u>Menton</u>		WELL # <u>1</u>		LOCATION <u>Church of God</u>		COUNTY <u>Graham</u>	STATE <u>Ka</u>
OLD OR <input checked="" type="radio"/> NEW (Circle one)							

CONTRACTOR <u>Discovey #7</u>	OWNER _____
TYPE OF JOB <u>TOP STAGE</u>	CEMENT _____
HOLE SIZE <u>7.375</u> T.D.	AMOUNT ORDERED <u>400 bbl 6400 6% label 1/4 # F10</u>
CASING SIZE <u>SE</u> DEPTH _____	COMMON <u>240</u> @ <u>6.55</u> <u>1596.00</u>
TUBING SIZE _____ DEPTH _____	POZMIX <u>160</u> @ <u>3.50</u> <u>568.00</u>
DRILL PIPE _____ DEPTH _____	GEL <u>20</u> @ <u>10.00</u> <u>200.00</u>
TOOL _____ DEPTH _____	CHLORIDE _____ @ _____
PRES. MAX _____ MINIMUM _____	<u>Floccal 100 #</u> @ <u>1.40</u> <u>140.00</u>
MEAS. LINE _____ SHOE JOINT _____	_____ @ _____
CEMENT LEFT IN CSG. _____	_____ @ _____
PERFS. _____	_____ @ _____
DISPLACEMENT _____	_____ @ _____

EQUIPMENT			
PUMP TRUCK # <u>177</u>	CEMENTER <u>Bill</u>	HANDLING <u>400</u>	@ <u>1.10</u> <u>440.00</u>
BULK TRUCK # <u>362</u>	HELPER <u>Darin</u>	MILEAGE <u>44/SK</u> / MILE	@ <u>1.50</u> <u>660.00</u>
BULK TRUCK # _____	DRIVER <u>Paul</u>		
BULK TRUCK # _____	DRIVER _____		
		TOTAL	<u>3584.00</u>

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REMARKS:

SERVICE

D.V. Tool c17.57
1000 PSI TO OPEN TOOL
Cement w/375 lb Cement
pump plug w/ 43 bbls water
Cement did pipe
500 PSI TO CLOSE TOOL
1500 PSI RATHOLE
1000 PSI M.H.

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

CHARGE TO: J.O. Farnes
STREET _____
CITY _____ STATE _____ ZIP _____

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 Awan Weaving

PRINTED NAME _____

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