

STATE CORPORATION COMMISSION OF KANSAS  
OIL & GAS CONSERVATION DIVISION  
WELL COMPLETION FORM  
ACO-1 WELL HISTORY  
DESCRIPTION OF WELL AND LEASE

RECEIVED

JUL 09 2003

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 III  
Phone ( 785 ) 483-3144

Contractor: Name: Discovery Drilling Company, Inc.  
License: 31548  
Wellsite Geologist: Matthew 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: \_\_\_\_\_  
Comp. Date \_\_\_\_\_ Old Total Depth \_\_\_\_\_

Deepening  Re-perf.  Conv. to Inj/SWD  
 Plug Back  PBTD  
 Commingled  Docket No. \_\_\_\_\_  
 Dual Completion  Docket No. \_\_\_\_\_  
 Other (SWD or Inj?)  Docket No. \_\_\_\_\_

5-14-03 5-19-03 \_\_\_\_\_  
Spud Date Date Reached TD Completion Date

API NO. 15- 051-25,215 -00-00

County Ellis  
160' South \_\_\_\_\_ E  
of - W/2 - NW - SW Sec. 5 Twp. 13S Rge. 17 X W

1820 Feet from (S)N (circle one) Line of Section  
330 Feet from (W)E (circle one) Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
NE, SE NW or (SW) (circle one)

Lease Name Brungardt Well # 3  
Field Name (wildcat)  
SWD Formation Arbuckle

Elevation: Ground 2041' KB 2049'  
Total Depth 3685' PBDT 3637'

Amount of Surface Pipe Set and Cemented at 211 Feet

Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set \_\_\_\_\_ Feet

If Alternate II completion, cement circulated from 1306  
feet depth to surface w/ 200 sx cmt.

Drilling Fluid Management Plan ALT II WITH 2-12-07  
(Data must be collected from the Reserve Pit)

Chloride content 11,000 ppm Fluid volume 320 bbls  
Dewatering method used allow to dry by evaporation

Location of fluid disposal if hauled offsite: \_\_\_\_\_

Operator Name NA

Lease Name \_\_\_\_\_ License No. \_\_\_\_\_

\_\_\_\_\_ Quarter Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S Rng. \_\_\_\_\_ E/W

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 on 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  
John O. Farmer III

Title President Date 7-7-03

Subscribed and sworn to before me this 7th day of July, 20 03.

Notary Public Margaret A. Schulte  
Margaret A. Schulte

Date Commission Expires \_\_\_\_\_

K.C.C. OFFICE USE ONLY  
F  Letter of Confidentiality Attached  
C  Wireline Log Received  
C  Geologist Report Received  
Distribution  
 KCC  SWD/Rep  NGPA  
 KGS  Plug  Other (Specify)



1009170

SIDE TWO

Operator Name John O. Farmer, Inc. Lease Name Brungardt Well # 3

East

County Ellis

Sec. 5 Twp. 13S Rge. 17  
 West

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem 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 during test. Attach extra sheet if more space is needed. Attach copy of log.

Drill Stem Tests Taken  
(Attach Additional Sheets.)  Yes  No

Samples Sent to Geological Survey  Yes  No

Cores Taken  Yes  No

Electric Log Run  
(Submit Copy.)  Yes  No

List All E.Logs Run:  
Borehole Compensated Sonic Log Dual Induction Log  
Dual Compensated Porosity Log Microresistivity Log

<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datums	<input type="checkbox"/> Sample
Name	Top	Datum
Anhydrite	1290'	( +759)
Base/Anhydrite	1330'	( +719)
Topeka	3062'	( -1013)
Heebner	3299'	( -1250)
Toronto	3321'	( -1272)
Lansing/KC	3345'	( -1296)
Stark	3532'	( -1483)
Base/KC	3572'	( -1523)
Arbuckle	3598'	( -1549)
L.T.D	3687'	( -1638)

CASING RECORD <input 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#	211'	Common	150	3% CC, 2% gel
Production Port Collar	7-7/8"	5-1/2"	15.5#	3682' 1306'	ASC	150 200	2% gel, 3/4% CFR-2 60/40 Pozmix, 6% gel, 1/4# Floseal

ADDITIONAL CEMENTING/SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input checked="" 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	3607-3614', 3616-3618'		

TUBING RECORD	Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
	2-3/8"	3600'		

Date of First, Resumed Production, SWD or Inj.	Producing Method <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input checked="" type="checkbox"/> Other (Explain)
	(SWD)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls. 1,000 maximum	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  Other (Specify) \_\_\_\_\_

(SWD) Interval: 3682-3800' est.



# Discovery Drilling

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: Brungardt #3

Location: 160' S of W/2 / NW / SW  
Sec. 5/13S/17W  
Ellis Co., KS

Loggers Total Depth: 3687'  
Rotary Total Depth: 3685'  
Commenced: 5/14/03  
Casing: 8 5/8" @ 211.38' w/150sks  
5 1/2" @ 3682' w/175 sks  
Port Collar @ 1306'

Elevation: 2041' GL / 2049' KB  
Completed: 5/20/03  
Status: Oil Well

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### DEPTHS & FORMATIONS (All from KB)

Surface, Sand & Shale	0'	Shale	1330'
Dakota Sand	618'	Shale & Lime	1933'
Shale	720'	Shale	2339'
Cedar Hill Sand	748'	Shale & Lime	2753'
Red Bed Shale	987'	Lime & Shale	3228'
Anhydrite	1295'	RTD	3685'
Base Anhydrite	1330'		

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.

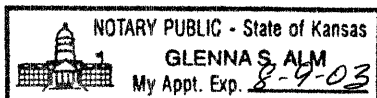
  
\_\_\_\_\_  
Thomas H. Alm

Subscribed and sworn to before me on 5-22-03

My Commission expires: 8-9-03

(Place stamp or seal below)

  
\_\_\_\_\_  
Notary Public



John O. Farmer, Inc.  
Brungardt #3 SWD

INITIAL COMPLETION REPORT

**8/27/03**

Rigged up Express Well Service. Ran Model R packer on 2 7/8" tested tubing. TD at 3665'. Swung packer at 3508', loaded hole w/24 bbls circulated oil out of hole. Pressured annulus to 500#, took injection rate of 2 BPM at 1000#. Cemented Arbuckle perfs at 3607-14' and 3616-18' w/25 sx slick cement and tailed w/ 25 sx common. Pumped cement below packer and staged for 1 hour. Small bleed off. Washed tools. Pressured tubing for 12 hours - held okay. Pulled packer. Ran 4 7/8" tooth bit to 3400'. Shut down.

**8/28/03**

Drilled cement from 3535' to 3621'. Pressured to 500#, had slow leak. Called KCC and tested for 1/2 hr at 475#. Okay. Drilled out shoe jt. Started drilling open hole at 3682'. Drilled to 3722'. Drilling at 7 min per foot. Started pulling tubing, storm in area, shut down. Will run button bit and 4 drill collars in AM.

**8/29/03**

Pulled bit. Tongs broke down it took 1 hour to repair. Ran button bit and 4 drill collars. Had to ream out open hole from 3700'-3722'. Drilled to 3782', took 8 hours. Had fluid loss while drilling. 100' open hole. Shut down.

**9/2/03**

Drilled from 3782' to 3869', well taking water at 1/2 to 3/4 BPM. Drilled at 8.6 min per foot average. Shut down.

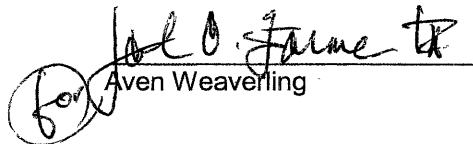
**9/3/03**

Drilled from 3869' to 3895', lost all circulation, taking water at 3-4 BPM. Pulled tubing and drill collars. Shut down.

**9/3/03**

Unloaded tubing. Ran 3 jts of 2 7/8" fiber glass tubing and Arrow tension packer and 120 jts of new 2 7/8" 8rd Seal Tight tubing. Loaded annulus w/65 bbls of fresh treated water. Set packer in 20,000<sup>th</sup> tension. Packed off head. Pressured to 375#. Took MIT - David Wann, KCC. Passed MIT. Rigged down. Acidized well w/1000 gal 15% acid and flushed w/40 bbls salt water. Max pressure 400# min vac. Average rate 4 BPM. Well taking 2.5 BPM though pump.

3 jts of 2 7/8" fiber glass tubing	89.31	3736
Arrow tension packer	3.18	3647
120 jts of 2 7/8" seal tight	3636.28	
End of 5 1/2 at 3682		
<u>TD of 4 7/8 open hole 3895</u>		

  
Aven Weaverling



# ALLIED CEMENTING CO., INC. 14771

Federal Tax I.D.

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

SERVICE POINT:

2

DATE <u>5-14-02</u>	SEC.	TWP.	RANGE	CALLED OUT	ON LOCATION <u>2:30pm</u>	JOB START <u>3:00pm</u>	JOB FINISH <u>3:45pm</u>
LEASE <u>BUNGARST</u>	WELL # <u>3</u>	LOCATION <u>TOWSON N TO CURVE 1/2N</u>			COUNTY <u>ELLIS</u>	STATE <u>KS</u>	
OLD OR (NEW) (Circle one)							

CONTRACTOR DISCOVERY

TYPE OF JOB SURFACE

HOLE SIZE 12 1/4 T.D. 212

CASING SIZE 8 3/8 DEPTH 211

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG. 10-15'

PERFS.

DISPLACEMENT 12 1/2 BBL

EQUIPMENT

PUMP TRUCK CEMENTER MARK

# 345 HELPER DAVE

BULK TRUCK DRIVER

BULK TRUCK DRIVER

OWNER

CEMENT AMOUNT ORDERED 160 csm 3% CC 2% CSL

(but used 150 sks.)

COMMON	<u>160</u>	@	<u>7.15</u>	<u>1144.00</u>
POZMIX		@		
GEL	<u>3</u>	@	<u>10.00</u>	<u>30.00</u>
CHLORIDE	<u>5</u>	@	<u>30.00</u>	<u>150.00</u>
		@		
		@		
		@		
		@		
HANDLING	<u>160</u>	@	<u>1.15</u>	<u>184.00</u>
MILEAGE	<u>54/51</u>	@	<u>1.16</u>	<u>62.76</u>
TOTAL				<u>1668.76</u>

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REMARKS:

SERVICE

CEMENT CIRC

DEPTH OF JOB

PUMP TRUCK CHARGE 520.00

EXTRA FOOTAGE @

MILEAGE 20 @ 3.50 70.00

PLUG 8 3/8 wood @ 5.50 45.00

TOTAL 635.00

CHARGE TO: JOHN D. FARMER

STREET \_\_\_\_\_

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

FLOAT EQUIPMENT

@ \_\_\_\_\_

@ \_\_\_\_\_

@ \_\_\_\_\_

@ \_\_\_\_\_

@ \_\_\_\_\_

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.

TOTAL \_\_\_\_\_

TAX \_\_\_\_\_

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

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

SIGNATURE Ross D. Wilson

Ross D. Wilson  
PRINTED NAME

# ALLIED CEMENTING CO., INC. 14718

Federal Tax I.D. [REDACTED]

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

SERVICE POINT: Russell

DATE <u>5/20/03</u>	SEC <u>5</u>	TWP. <u>13</u>	RANGE <u>17</u>	CALLED OUT <u>5:00 AM</u>	ON LOCATION <u>6:00 AM</u>	JOB START <u>10:12 AM</u>	JOB FINISH <u>10:45 AM</u>
LEASE <u>Brandsand</u>		WELL # <u>3</u>	LOCATION <u>Catherine 1W2N</u>		COUNTY <u>Ellis</u>	STATE <u>KAN</u>	
OLD OR NEW (Circle one)							

CONTRACTOR <u>Discovery #2</u>	OWNER
TYPE OF JOB <u>St Rad string</u>	
HOLE SIZE <u>7 3/8</u>	T.D. <u>3685</u>
CASING SIZE <u>5 1/2</u>	DEPTH
TUBING SIZE	DEPTH <u>17.5 in. Asc 2 1/2" Gel 3 1/4" CFR</u>
DRILL PIPE	DEPTH <u>500 gals WFL-2</u>
TOOL	DEPTH
PRES. MAX	MINIMUM
MEAS. LINE	SHOE JOINT <u>16.70</u>
CEMENT LEFT IN CSG. <u>16.7</u>	
PERFS.	
DISPLACEMENT <u>89.6 bbls</u>	
EQUIPMENT	
PUMP TRUCK CEMENTER <u>Bill</u>	
# <u>346</u> HELPER <u>Mark</u>	
BULK TRUCK	
# <u>213</u> DRIVER <u>Rufus</u>	
BULK TRUCK	
#	DRIVER
TOTAL <u>3465.25</u>	

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REMARKS:

SERVICE

pipe set c 3682  
Shoe 16.70  
Insert 3675.30  
mix 500 gal WFL-2 cont w/ 150 lb asc  
pump plug w/ 89.6 bbls of water  
Land, plus c 2000+ floardid hold  
15 new Kettles  
10 new M.H.

DEPTH OF JOB	
PUMP TRUCK CHARGE	<u>1130.00</u>
EXTRA FOOTAGE	@
MILEAGE <u>20</u>	@ <u>3.50</u> <u>70.00</u>
PLUG <u>5 lb Rubber</u>	@ <u>50.00</u>
	@
	@
TOTAL <u>1250.00</u>	

CHARGE TO: J.O. FARMER, Inc.  
STREET \_\_\_\_\_  
CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

FLOAT EQUIPMENT

8- Controlizers	@ <u>40.00</u>	<u>320.00</u>
3- Baskets	@ <u>142.00</u>	<u>426.00</u>
1- Inset	@	<u>235.00</u>
1- Guideshoe	@	<u>150.00</u>
1- Port collar - L.	@	<u>1500.00</u>
20- Scratches - Rotating	<u>45.00</u>	<u>900.00</u>
TOTAL		<u>3531.00</u>

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TAX \_\_\_\_\_  
TOTAL CHARGE \_\_\_\_\_  
DISCOUNT \_\_\_\_\_ IF PAID IN 30 DAYS

SIGNATURE Chris Weaver

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

