

CONFIDENTIAL

WELL HISTORY - DESCRIPTION OF WELL & LEASE

ORIGINAL

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MAR 18 2003

KCC WICHITA

RELEASED

FROM

CONFIDENTIAL

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, IV

Phone: (785) 483-3144

Contractor: Name: Discovery Drilling Co., Inc.

License: 31548

Wellsite Geologist: Randy 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.

1/27/03 2/3/03 2/22/03

Spud Date or Date Reached TD Completion Date or Recompletion Date

API No. 15 - 051-25,190-00-00

County: Ellis

120 S of SW NE Sec. 6 Twp. 13 S. R. 17W East West

2430 feet from (N) (circle one) Line of Section

2310 feet from (E) (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:

(circle one) (NE) SE NW SW

Lease Name: Lang Well #: 1

Field Name: (Wildcat)

Producing Formation: Lansing/KC "C" & "H"

Elevation: Ground: 2052' Kelly Bushing: 2060'

Total Depth: 3700' Plug Back Total Depth: 3523'

Amount of Surface Pipe Set and Cemented at 221.18 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set 1285 Feet

If Alternate II completion, cement circulated from 1285

feet depth to Surface w/ 350 sx cmt.

Drilling Fluid Management Plan *Att 11 En 3-28-03*
(Data must be collected from the Reserve Pit)

Chloride content 12,000 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*
John O. Farmer III

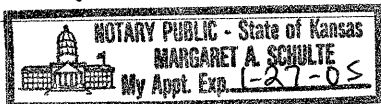
Title: President Date: 3-17-03

Subscribed and sworn to before me this 17th day of March

2003.

Notary Public: *Margaret A. Schulte*
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: LANG Well #: 1
 Sec. 6 Twp. 13 S. R. 17W East West County: Ellis

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 <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	1287'	(+773)
Electric Log Run <i>(Submit Copy)</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Base/Anhydrite	1325'	(+735)
List All E. Logs Run:		Topeka	3052'	(-992)
Dual Compensated Porosity		Heebner Shale	3290'	(-1230)
Dual Induction		Toronto	3310'	(-1250)
Microresistivity		Lansing	3337'	(-1277)
		Stark Shale	3524'	(-1464)
		Base/KC	3568'	(-1508)
		Arbuckle	3603'	(-1543)
		L.T.D.	3701'	(-1641)

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 #	221.18'	Common	150	2%Gel&3%CC
Production St.	7 7/8 "	5 1/2 "	15.5 #	3695'	ASC	175	2% Gel 3/4of1%CFR-2
		DV Tool @		1285'	60/40Poz	350	6%GelW/4#FC/

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	3364-3369' (Lansing "C")	500 gals. 15% NE	
4 SPF	3468-3472' (Lansing "H")	500 gals. 15% NE	

TUBING RECORD	Size <u>2-3/8"</u> Set At <u>3515'</u>	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Enhr. <u>February 26, 2003</u>	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. <u>54.24</u>	Gas Mcf	Water Bbls. <u>0.98</u> Gas-Oil Ratio <u>34.4</u> ^o

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

METHOD OF COMPLETION Production Interval 3364-3472' (overall)

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RELEASED LANG #1
FROM 2430' FNL and 2310' FEL
CONFIDENTIAL Section 6-13S-17W

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Completion

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- 2-12-03 Moved in Express Well Service Double Drum and rigged up. Ran 4 7/8" Bit On 2 3/8" Upset Tubing. Hit DV Tool at 1285'. Drilled out DV Tool in 2 hours and cleaned out. Ran bit and tubing to bottom. TD-3676'. Shut down.
- 2-13-03 Ran to bottom with bit. Could not get Mud Pump started. Rubber under the Valves. Finally got going and made approximately 2' hole. TD-3678'. Pulled tubing and bit. Ran Correlation/Bond Log. Serious problems with the cement. Loggers TD- 3676'. Basically no cement from 3671' to 3520'. (One little spot from 3583' to 3577') Good cement from 3518' to 3350'. Very ratty cement above 3350'. There appears to be cement from 3671' to 3673', which is right on the bottom of the log. It appears that the Arbuckle may have broken down and taken some cement. Shut down.
- 2-14-03 Perforated 2 holes each at 3669' and 3584'. Set Cement Retainer at 3662'. Ran Retainer Stinger on 2 3/8" Tubing. Stung into Retainer. Pressured up to 1200# and it would bleed off. After several times of repressuring, it finally began to circulate around. We were not getting full returns. Mixed 75 Sxs. Common Cement with 2% CC. Pumped to bottom. Still did not have full returns. Lost circulation with about 7 Bbl. of displacement in tubing. Pulled tubing up to 3340' and circulated the hole clean. Circulated out about 1.75 Bbl. of slurry. Shut the backside in and loaded the hole down the tubing. Pressured to 1000# immediately after loading. Held pressure at 1000# for 30 minutes and never moved. Released pressure and pulled tubing and Stinger. Let Cement set.
- 2-15-03 Shut down. W. O. C.
- 2-16-03 Shut down. W. O. C.
- 2-17-03 Ran 4 7/8" Bit on 2 3/8" Tubing. Tagged Cement at 3563'. First 8' to 10' drilled fairly easily. It hardened up from 3573' to 3590' Drilled fair from 3590' to 3662', which is the top of the Retainer. Circulated hole clean. Pressured to 500# and it held solid. Released pressure and pulled tubing and bit. Ran new Bond Log over the bottom section. Cement at 3650' with a little ratty cement up to 3640'. Cement looks good from 3640' to 3580'. Rigged up casing swab and swabbed down to 3000'. Perforated 3610' to 3616' (Arbuckle) and 3364' to 3369' ("C" Zone in Kansas City) with 4 holes per foot DP's. Had a show of oil on the Arbuckle gun. Shut down.

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KCC WICHITA

ALLIED CEMENTING CO., INC. 11402

Federal Tax I.D.# [REDACTED]

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

SERVICE POINT: R

CONFIDENTIAL

ORIGINAL

DATE <u>2/11/03</u>	SEC.	TWP.	RANGE	CALLED OUT	ON LOCATION	JOB START <u>1:45A.M.</u>	JOB FINISH <u>2:05AM</u>
LEASE <u>Lang</u>	WELL # <u>1</u>	LOCATION <u>Toulon 5W</u>			COUNTY <u>Ellis</u>	STATE <u>KS</u>	
OLD OR <u>NEW</u> (Circle one)							

CONTRACTOR Discovery
 TYPE OF JOB Long string (top)
 HOLE SIZE 7 7/8" T.D. 3700'
 CASING SIZE 5 1/2" DEPTH 3700'
 TUBING SIZE DEPTH
 DRILL PIPE DEPTH
 TOOL D-V DEPTH 1289'
 PRES. MAX MINIMUM
 MEAS. LINE SHOE JOINT
 CEMENT LEFT IN CSG.
 PERFS.
 DISPLACEMENT 3 1/2 Bbl

OWNER
 CEMENT AMOUNT ORDERED 350 600/40 6040 Gel
1/4 # Floseal
 USED 340sy

EQUIPMENT
 PUMP TRUCK CEMENTER Paul
 # 127 HELPER Dana
 BULK TRUCK
 # 362 DRIVER Colen
 BULK TRUCK
 # DRIVER

COMMON	<u>204</u>	@	<u>6.65</u>	<u>1356.60</u>
POZMIX	<u>136</u>	@	<u>3.55</u>	<u>482.80</u>
GEL	<u>17</u>	@	<u>10.00</u>	<u>170.00</u>
CHLORIDE		@		
Floesal	<u>854</u>	@	<u>1.40</u>	<u>119.00</u>
		@		
		@		
		@		
		@		
HANDLING	<u>350</u>	@	<u>1.10</u>	<u>385.00</u>
MILEAGE		@	<u>14/SY/MILE</u>	<u>280.00</u>
TOTAL				<u>2793.40</u>

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FROM
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REMARKS:

SERVICE

Opened D-V Tool. Circulated
for 20min. mixed 340sy.
Displaced plug - closed tool
Cement did circulate
Mousehole 103x
Rehole 153x
1 corner Alum

DEPTH OF JOB
 PUMP TRUCK CHARGE 650.00
 EXTRA FOOTAGE @
 MILEAGE @
 PLUG @
 @
 @
 @
 TOTAL 650.00

CHARGE TO: J.O. 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 Terry W. Prisher

PRINTED NAME

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MAR 18 2003
KCC WICHITA

ALLIED CEMENTING CO., INC. 11346

Federal Tax I.D.# [REDACTED]

ORIGINAL

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

CONFIDENTIAL

SERVICE POINT:

R

DATE <u>1-27-03</u>	SEC.	TWP.	RANGE	CALLED OUT	ON LOCATION <u>4:00pm</u>	JOB START <u>5:15 Am</u>	JOB FINISH <u>5:45 Pm</u>
LEASE <u>LANA</u>	WELL# <u>1</u>	LOCATION <u>CATHERINE 3W IN 1/4 N</u>			COUNTY <u>ELLS</u>	STATE <u>KS</u>	
OLD OR <u>NEW</u> (Circle one)							

CONTRACTOR DISCOVERY

TYPE OF JOB SURFACE

HOLE SIZE 12 1/4 T.D. 222

CASING SIZE 8 5/8 DEPTH 221

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG. 10-15

PERFS.

DISPLACEMENT 13 BBL

OWNER

CEMENT

AMOUNT ORDERED 150 Com 39cc
290 GEL

COMMON	<u>150</u>	@	<u>665</u>	<u>99750</u>
POZMIX		@		
GEL	<u>3</u>	@	<u>100</u>	<u>300</u>
CHLORIDE	<u>5</u>	@	<u>30</u>	<u>150</u>
		@		
		@		
		@		
		@		
		@		
HANDLING	<u>150</u>	@	<u>40</u>	<u>165</u>
MILEAGE	<u>44/SK</u>	/mile		<u>120</u>
TOTAL				<u>1162 50</u>

EQUIPMENT

PUMP TRUCK CEMENTER MARK

345 HELPER DAVE

BULK TRUCK

282 DRIVER BILL

BULK TRUCK

DRIVER

REMARKS:

Cement Not Circulated

SERVICE

DEPTH OF JOB			
PUMP TRUCK CHARGE			<u>36 00</u>
EXTRA FOOTAGE	@		
MILEAGE	<u>20</u>	@	<u>3 00</u>
PLUG <u>8 5/8 wood</u>	@		<u>45 00</u>
	@		
	@		
TOTAL			<u>141 00</u>

CHARGE TO: JO. FARMER

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 Thomas AL

Thomas AL
PRINTED NAME

RECEIVED

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FROM
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**Discovery
Drilling**

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

ORIGINAL

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: Lang #1

KCC
MAR 17 2003

Location: 120' S of SW/SW/NE
Sec. 6/13S/17W
Ellis Co., KS

RELEASE
FROM
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Loggers Total Depth: 3701'
Rotary Total Depth: 3700'
Commenced: 1/27/03

Elevation: 2052' GL / 2060' KB
Completed: 2/4/03
Status: Oil Well

Casing: 8 5/8" @ 221.18' w/150sks
5 1/2" @ 3695' w/175sks
DV Tool @ 1288' w/350sks

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5 DEPTHS & FORMATIONS
(All from KB)

Surface, Sand & Shale	0'	Shale	1325'
Dakota Sand	279'	Shale & Lime	1922'
Shale	395'	Shale	2472'
Cedar Hill Sand	751'	Shale & Lime	2906'
Red Bed Shale	939'	Lime & Shale	3346'
Anhydrite	1286'	RTD	3700'
Base Anhydrite	1325'		

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.

RECEIVED

MAR 18 2003

Thomas H. Alm

KCC WICHITA

Subscribed and sworn to before me on 2-4-03

My Commission expires: 8-9-03

(Place stamp or seal below)

Notary Public

