

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

RELEASED

MAY 08 2000

Operator: License # 5135
Name: JOHN O. FARMER, INC.

Address P.O. Box 352

FROM CONFIDENTIAL

City/State/Zip Russell, Kansas 67665

Purchaser: _____

Operator Contact Person: Martin K. DuboisPhone (785) 483-3144Contractor: Name: Discovery Drilling Co., Inc.License: 31548Wellsite Geologist: Martin K. Dubois

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: _____

Comp. Date _____ Old Total Depth _____

☐ Deepening ☐ Re-perf. ☐ Conv. to Inj/SWD☐ Plug Back ☐ PBDT☐ Commingled ☐ Docket No. _____☐ Dual Completion ☐ Docket No. _____☐ Other (SWD or Inj?) Docket No. _____

5/8/99

5/18/99

5/19/99

Spud Date

Date Reached TD

Completion Date

API NO. 15- 109-20,678 0000County LoganC - NE - SW - SE Sec. 30 Twp. 15S Rge. 32W X990 Feet from S/N (circle one) Line of Section1650 Feet from E/W (circle one) Line of SectionFootages Calculated from Nearest Outside Section Corner:
NE, (SE), NW or SW (circle one)Lease Name Fairleigh Ranch Well # 1Field Name WildcatProducing Formation NoneElevation: Ground 2848 KB 2856Total Depth 4652 PBDT _____Amount of Surface Pipe Set and Cemented at 221.07 FeetMultiple Stage Cementing Collar Used? ☐ Yes ☒ No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from _____

feet depth to _____ w/ _____ ex cmt.

Drilling Fluid Management Plan P&A, 7-27-99 UC
(Data must be collected from the Reserve Pit)Chloride content 12,000 ppm Fluid volume 480 bblsDewatering method used Evaporation

Location of fluid disposal if hauled offsite: _____

Operator Name _____

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, 200 Colorado Derby Building, 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

Title

PresidentDate 5-28-99Subscribed and sworn to before me this 28th day of May, 19 99

Notary Public

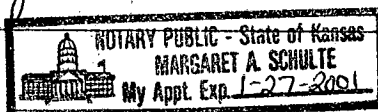
RECEIVED

Margaret A. Schulte

Date Commission Expires

JUN 01 1999

06-01-1999
CONSERVATION DIVISION
Wichita, Kansas



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)

Form ACO-1 (7-91)

Operator Name JOHN O. FARMER, INC.Lease Name Fairleigh RanchWell # 1Sec. 30 Twp. 15S Rge. 32W
☐ East ☒ WestCounty Logan

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem tests, interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressure, 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 ☒ NoElectric Log Run
(Submit Copy.)☒ Yes ☐ No

List All E.Logs Run:

Dual Induction Log

Dual Compensated Porosity Log

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

Name	Top	Datum
Base/Anhydrite	2258'	(+598)
Wabaunsee	3414'	(-558)
Heebner	3783'	(-927)
Lansing	3820'	(-964)
Stark	4087'	(-1231)
Cherokee	4389'	(-1535)
Johnson Zone	4434'	(-1578)
Cherokee (?) Sandstone	4477'	(-1621)
Morrow (?) Sandstone	4518'	(-1662)
Mississippi	4570'	(-1714)
L.T.D.	4652'	(-1796)

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 Pipe	12 $\frac{1}{4}$	8 5/8	20	221.07	60/40Poz	150	2%Gel&3%CC

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
☐ Perforate				
☐ Protect Casing				
☐ Plug Back TD				
☐ 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 ☐ Yes ☐ No
---------------	------	--------	-----------	--

Date of First, Resumed Production, SWD or Inj.	Producing Method ☐ Flowing ☐ Pumping ☐ Gas Lift ☐ Other (Explain)
<u>P&A</u>	

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	<u>N-A</u>				

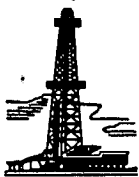
Disposition of Gas:

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

METHOD OF COMPLETION

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

Production Interval



**Discovery
Drilling**

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

15-109-20678-00-00

CONFIDENTIAL

ORIGINAL

DRILLER'S LOG

Operator: **JOHN O. FARMER, INC.**
P.O. Box 352
Russell, KS 67665

Contractor: **DISCOVERY DRILLING, INC.**
P.O. Box 763
Hays, KS 67601

Lease: Fairleigh Ranch #1

Location: NE/SW/SE
Sec. 30/15S/32W
Logan Co., KS

Loggers Total Depth: 4652'

Rotary Total Depth: 4652'

Commenced: 05/08/99

Casing: 8 5/8" @ 221.07 w/150 sks

Elevation: 2847' Gr/2855' KB

Completed: 05/19/99

Status: D & A

KCC

MAY 28 1999

CONFIDENTIAL

DEPTHS & FORMATIONS

(All Measurements from KB)

Surface, Sand & Shale	0'	Shales	2262'
Dakota Sand	1343'	Shales & Lime	2635'
Shales	1415'	Shales	2819'
Cedar Hill Sand	1712'	Shales & Lime	3036'
Red Bed Shale	1938'	Lime & Shales	3740'
Anhydrite	2239'	RTD	4652'
Base Anhydrite	2262'		

RELEASED

MAY 08 2000

FROM CONFIDENTIAL

STATE OF KANSAS)
) ss
COUNTY OF ELLIS)

Thomas H. Alm of Discovery Drilling, Inc. 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 5-22-99

My Commission Expires: 10-12-2000

(Place stamp or seal below.)

Christine Schlyer
Notary Public



RECEIVED
STATE CORPORATION COMMISSION

JUN 01 1999

CONSERVATION DIVISION
Wichita, Kansas

ALLIED CEMENTING CO., INC.

2781

ORIGINAL

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

CONFIDENTIAL

SERVICE POINT:

Oakley

DATE <u>5-8-99</u>	SEC. <u>30</u>	TWP. <u>15</u>	RANGE <u>32</u>	CALLED OUT	ON LOCATION <u>7:45 PM</u>	JOB START	JOB FINISH <u>9:30 PM</u>
LEASE <u>Fairleigh</u>	WELL # <u>1</u>	LOCATION <u>Oakley 235-4 1/2 W-75</u>			COUNTY <u>Logan</u>	STATE <u>Kan</u>	
OLD OR NEW (Circle one) <u>NEW</u>							

CONTRACTOR Discovery Digs #2
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. 15'
PERFS.
DISPLACEMENT

OWNER Same
CEMENT
AMOUNT ORDERED 150 SKS 60/40 PER
3% CC-2% LCL

EQUIPMENT
PUMP TRUCK CEMENTER Walt
191 HELPER Wayne
BULK TRUCK
315 DRIVER Terry
BULK TRUCK
DRIVER

COMMON @
POZMIX @
GEL @
CHLORIDE KCC @
MAY 28 1999 @
CONFIDENTIAL @
HANDLING @
MILEAGE @
RELEASED
MAY 08 2000

FROM CONFIDENTIAL
TOTAL

REMARKS:

SERVICE

Cement Did Circ ✓
(in collar)

DEPTH OF JOB 221
PUMP TRUCK CHARGE 470.00
EXTRA FOOTAGE @
MILEAGE miles @ 2.85
PLUG 8 5/8 Surface @ 45.00
@
@

TOTAL

CHARGE TO: John O. Farmer
STREET
CITY STATE ZIP

FLOAT EQUIPMENT

@
@
@
@
@

TOTAL

RECEIVED
STATE CORPORATION COMMISSION

JUN 01 1999

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

CONSERVATION DIVISION
Engineering

ALLIED CEMENTING CO., INC.

Federal Tax I.C.

2837
ORIGINAL

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

SERVICE POINT:

CONFIDENTIAL

OKLEY

DATE <u>5-19-99</u>	SEC <u>30</u>	TWP. <u>15S</u>	RANGE <u>32W</u>	CALLED OUT	ON LOCATION <u>4:45 AM</u>	JOB START <u>7:45 AM</u>	JOB FINISH <u>10:00 AM</u>
FAIRBETIGHT LEASE <u>RANCH</u>	WELL # <u>1</u>	LOCATION <u>OKLEY 23S-4W-6S-E INTO</u>				COUNTY <u>LOGAN</u>	STATE <u>KS</u>
OLD OR <u>NEW</u> (Circle one)							

CONTRACTOR <u>DISCOVERY DRILL RIG</u>	OWNER <u>SAME</u>
TYPE OF JOB <u>PTA</u>	
HOLE SIZE <u>7 7/8"</u>	T.D. <u>4652'</u>
CASING SIZE	DEPTH
TUBING SIZE	DEPTH
DRILL PIPE <u>4 1/2"</u>	DEPTH <u>2250'</u>
TOOL	DEPTH
PRES. MAX	MINIMUM
MEAS. LINE	SHOE JOINT
CEMENT LEFT IN CSG.	
PERFS.	
DISPLACEMENT	

CEMENT	
AMOUNT ORDERED	<u>2005KS 60/40P02 8906EL 1/4" F10-SEAL</u>
COMMON	@
POZMIX	@
GEL	@
CHLORIDE	@
<u>KCC</u>	@
<u>MAY 28 1999</u>	@
<u>CONFIDENTIAL</u>	@
HANDLING	@
MILEAGE	@

EQUIPMENT	
PUMP TRUCK	CEMENTER <u>TERRY</u>
# <u>300</u>	HELPER <u>WAYNE</u>
BULK TRUCK	
# <u>218</u>	DRIVER <u>TERRY</u>
BULK TRUCK	
#	DRIVER

RELEASED

MAY 08 2000

TOTAL

REMARKS:

FROM CONFIDENTIAL

SERVICE

25 SKS AT 2250'
100 SKS AT 1150'
40 SKS AT 275'
10 SKS AT 40'
10 SKS MOUSE HOLE
15 SKS RAT HOLE

DEPTH OF JOB	<u>2250'</u>
PUMP TRUCK CHARGE	
EXTRA FOOTAGE	@
MILEAGE	@
PLUG <u>8 3/4 DRY HOLE</u>	@
	@
	@

TOTAL

CHARGE TO: <u>John O. Farmer, Inc.</u>
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