

ORIGINAL

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1
October 2008
Form Must Be Typed

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 32062
Name: ARDC, INC
Address 1: 108 W 34TH
Address 2: _____
City: HAYS State: KS Zip: 67601 + _____
Contact Person: GREG WHITEHAIR
Phone: (785) 625-6588
CONTRACTOR: License # _____
Name: _____
Wellsite Geologist: _____
Purchaser: NCTA

Designate Type of Completion:
____ New Well ____ Re-Entry Workover
 Oil ____ SWD ____ SLOW
____ Gas ____ ENHR ____ SIGW
____ CM (Coal Bed Methane) ____ Temp. Abd.
____ Dry ____ Other _____
(Core, WSW, Expl., Cathodic, etc.)

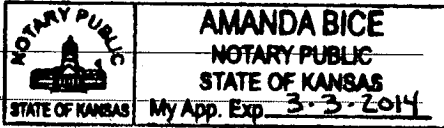
If Workover/Re-entry: Old Well Info as follows:
Operator: MU Drilling
Well Name: Lucas 4
Original Comp. Date: 1/10/1966 Original Total Depth: 3393
____ Deepening ____ Re-perf. ____ Conv. to Enhr. Conv. to SWD
____ Plug Back: _____ Plug Back Total Depth Conv. to PR
____ Commingled Docket No.: _____
____ Dual Completion Docket No.: _____
____ Other (SWD, or Enhr.?) Docket No.: _____
11/22/1965 1-10-04 1/10/1966 5-10-10

API No. 15 - 009-30320-0002
Spot Description: _____
C SE NW Sec. 4 Twp. 19 S. R. 12 East West
3351 Feet from North / South Line of Section
3408 Feet from East / West Line of Section
Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
County: BARTON
Lease Name: LUCAS Well #: #4
Field Name: CHEYENNE
Producing Formation: LKC
Elevation: Ground: 1802 TOPO Kelly Bushing: 1805
Total Depth: 3395 Plug Back Total Depth: 3160
Amount of Surface Pipe Set and Cemented at: _____ 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 OWNO- AH I ml
(Data must be collected from the Reserve Pit) 5-19-10
Chloride content: _____ ppm Fluid volume: _____ bbls
Dewatering method used: _____
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: [Signature]
Title: President Date: 5/17/2010
Subscribed and sworn to before me this 7th day of May,
20 10.

Notary Public: AMANDA BICE
Date Commission Expires: 3-3-2014


KCC Office Use ONLY

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

RECEIVED
KANSAS CORPORATION COMMISSION
MAY 10 2010
CONSERVATION DIVISION
WICHITA, KS

Operator Name: ARDC, INC Lease Name: LUCAS Well #: #4
 Sec. 4 Twp. 19 S. R. 12 East West County: BARTON

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 type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Submit Copy)</i> List All E. Logs Run:	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum <div style="text-align: right;"> RECEIVED KANSAS CORPORATION COMMISSION MAY 10 2010 CONSERVATION DIVISION WICHITA, KS </div>
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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		8 5/8"		218		165	
PRODUCTION	7 7/8"	5 1/2		3393		150	

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				

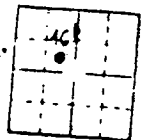
Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
2	3106-10	1000 gallons Acid	
2	3130-34	1000 gallons Acid, Retheat w/2000 gal of Acid	

TUBING RECORD:		Size: <u>2 3/8</u>	Set At: <u>3140</u>	Packer At: <u>None</u>	Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Enhr.			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>2.0</u>	Gas Mcf <u>0</u>	Water Bbls. <u>80.0</u>	Gas-Oil Ratio	Gravity <u>38.2</u>

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
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Servita - This is All of the information that I have on the well. Thanks, Greg Whitehead 785 432 0789

OPER NATIONAL COOPERATIVE REFINERY ASSN.
Great Bend, Kansas
 WELL #4 LUCAS
 CONTR Leben Drilling, Inc.
 FIELD Cheyenne (LKc & Cg Oil)
 I.P. P 46 BOPD / 2% wgr, Gr 42 deg, Lans
 Pfs 3106-10 & 3130-34, PBTB 3160



STR 4-19S-12H
 SPOT C SE NW
 CO BARTON, Ks.
 ELEV 1805 KB

(KB Log)
 Hb 2980-1175
 Tor 2998-1193
 Dg 3014-1209
 BL 3090-1285
 Lan 3102-1297
 Ch Cg 3365-1560
 Cg sd 3376-1571
 Arb 3383-1578
 LTD 3396-1591
 RTD 3395-1590
 (KB Spl)
 Anh 648 / 1157
 Hb 2981
 Tor 2998
 Dg 3014
 Lan 3100

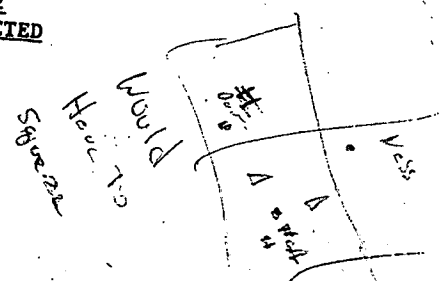
5"

CO, Welex Log, PF 12/3268-74 (Lans), test dry, 1000
 A, § 100 BW, § 26 BW/4 hrs & VSSO, FU 150' Flu/12 hrs, §
 SO & 2 1/2 BW on § dn, PF 6/3242-45, 8/3164-68, 8/3130-34
 (Lans), 1000A in 3242-45, § 20 BF w/SO, FU 200' OIH &
 1000' WIH/12 hrs, § 5 3/4 BF w/SO on § dn, § 5 3/4 BF

Data see
 sk D

(2% oil)/1st hr, § 3 3/4 BF (3% oil)/2nd hr, 500A in
 3164-68 & 12BW/NT, § 29 BF (5% to scum oil)/4 hrs, FU
 20' OIH & 900' WIH/12 hrs, § 3 3/4 BF w/SO on § dn,
 1000A in 3130-34, § 1d, § 1 BO/1st hr, § 1/2 BO/2nd
 hr, § 1/2 BO/3rd hr, 2000A (Ret), § 15 BF on § dn, §
 3 1/2 BO/1st hr (5% wtr), § 3 BO/2nd hr (3% wtr), § 1 1/2
 BO/3rd hr (3% wtr), Pull tbg & pkrs, Set BP @3160, PF 8/
 3106-10 (Lans), § dn - dry, 1000A, § 1d, § 1 1/2 BW w/
 SO/1 hr, § 1 1/2 BF (30% oil)/2nd hr, § 7 1/2 BO (10% wtr)
 /3rd hr, § 5 BO (5% wtr)/4th hr, POP - Co P 42 3/4 BO
 & 6 BW/24 hrs - State Pot: P 46 BOPD / 2% wtr, Gr 42
 deg, Lans Pfs 3106-10, & 3130-34, PBTB 3160 - COMPLETED
 on 1-10-66

Ch Cg 3365
 Arb 3385
 RTD 3395 -1590



GEOL Kenneth Smith
 ELEV 1803 DF
1801 GR
 SPUD DATE 11-22 65
 DRIG COMP
 FR by DATA 11-18-65
 COMP by 1-13-66

SUPPT 2218' w/165 Sx. 5" @3393' w/150 Sx.

RECEIVED
 KANSAS CORPORATION COMMISSION
 MAY 10 2010
 CONSERVATION DIVISION
 WICHITA, KS

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form U-5
July 2003

Form must be Typed
Form must be Signed
All blanks must be Filled
Form must be completed
on a per well basis

NOTICE OF INJECTION
COMMENCEMENT OR TERMINATION

Notice of Injection: (check one) Commencement
 Termination
 Entire Permit Yes No
 Disposal Enhanced Recovery

Effective Date: _____

Operator License #: 32062

Operator: ARDC INC
 (As listed on Operator License)

Name: ARDC INC.

Address: 108 W 34TH
HAYS, KS 67601

Contact Persons Name: GREG WHITEHAIR

Phone Number: (785) 625-6588

Permit Number: D-22130

Entire Permit: Yes No

CSE NW Sec. 4 Twp. 19 S. R. 12 East
 West

3351 Feet from North / South Section Line
3408 Feet from East / West Section Line

Lease Description: C SE NW SEC4-19S-12W

Please list all leases and wells affected by this document:

Lease Name: LUCAS

Well Number(s): #4

County: BARTON

Zone Used for Injection: LKC

For Notice of Termination:

- Well will be plugged (File a CP-1 form) Well is plugged (File a CP-4 form) Returned to production (File an ACO-1 form) Temporary abandoned (File a CP-111 form with District Office)

A COPY of the CP-1, CP-4, ACO-1 or CP-111 form is attached.
(Please mark one)

If well is Temporary Abandoned, file TA form CP-111 with District Office, injection will resume on or about _____ (date)
or when the following work is completed:

I certify that the above is a true and accurate statement of the facts as known this 7th day of May, 2010

Signature: [Handwritten Signature]

Name: Greg Whitehair

Title: President

KCC Office Use: KCC District # _____

Submit the following:

a CP2/3 a field report

other: _____

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MAY 10 2010

CONSERVATION DIVISION
WICHITA, KS