

WELL COMPLETION FORM

WELL HISTORY - DESCRIPTION OF WELL & LEASE

ORIGINAL

CONFIDENTIAL

Operator: License # 6039
Name: L.D. Drilling, Inc.
Address: RR 1 Box 183 B
City/State/Zip: Great Bend, Kansas 67530
Purchaser:
Operator Contact Person: L.D. Davis
Phone: (316) 793-3051
Contractor: Name: Duke Drilling Co., Inc.
License: 5929 KCC

API No. 15 - 009-24691 0000
County: Barton County, Kansas
SW SE SW Sec. I Twp. 20 S. R. 14 East West
330 feet from (S) / N (circle one) Line of Section
3630 feet from (E) / W (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
(circle one) NE (SE) NW SW
Lease Name: Bush Well #: 1
Field Name:

Wellsite Geologist: Kim Shoemaker
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:

Producing Formation:
Elevation: Ground: 1870' Kelly Bushing: 1878'
Total Depth: 3543' Plug Back Total Depth:
Amount of Surface Pipe Set and Cemented at 800 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set _____ Feet
Alternate II completion, cement circulated from _____
feet depth to _____ w/ _____ sx cml.

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. _____

Drilling Fluid Management Plan D+A 4/13/01 JB
(Data must be collected from the Reserve Pit)
Chloride content _____ ppm Fluid volume _____ bbls
Dewatering method used.
Location of fluid disposal if hauled offsite:
Operator Name:
Lease Name: _____ License No.:

11-21-00 11-30-00
Spud Date or Date Reached TD 2-5-01
Recompletion Date Completion Date or
Recompletion Date

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: Bessie DeWerff
Bessie DeWerff
Title: Sec./Treas. Date: 2-01-01

Subscribed and sworn to before me this 1st day of February
2001.

Notary Public: Rashell Patten
Rashell Patten

Date Commission Expires: 2-02-03



KCC Office Use ONLY

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

KCC

X

Operator Name: L.D. Drilling, Inc. Lease Name: Bush Well #: J

Sec. I Twp. 20 S. R. 14 East West County: Barton County, Kansas

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>	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum
Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Electric Log Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(Submit Copy)</i>	
List All E. Logs Run:	See Attachment

CASING RECORD <input checked="" 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	# Sacs Used	Type and Percent Additives
Surface	12-1/4"	8-5/8"	24#	1800'	60/40 Poz	400	3%cc 2%gel

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 <i>(Amount and Kind of Material Used)</i>	Depth

TUBING RECORD	Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No
---------------	------	--------	-----------	--

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

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

Disposition of Gas	METHOD OF COMPLETION
<input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	<input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <input type="checkbox"/> Other (Specify) _____

15.009.24691.0000

CONFIDENTIAL

ORIGINAL

DAILY DRILLING REPORT

OPERATOR: L. D. DRILLING, INC.

LEASE: BUSH #1
SW SE SW SEC. 1-20-14
BARTON COUNTY, KANSAS

WELLSITE GEOLOGIST: KIM SHOEMAKER

KCC

CONTRACTOR: DUKE DRILLING

FEB 01 2001

ELEVATION: 1870 GR 1878 KB

SPUD: 8:30 P.M. 21st November 2000

CONFIDENTIAL

PTD: 3600'

SURFACE: Ran 19 jts. 8 5/8" Set @ 800' W/400 sx.
60/40 pozmix, 2% Gel, 3% cc Plug down 6:00 PM 11-22-00 Did Circulate
Allied Cementing Service

11-20-00 Move in Rig up
11-21-00 Finish rigging up - 8 5/8" on location
11-22-00 500' Drilling on Surface hole. Will finish surface hole, set pipe & take off until Friday A.M.
11-23-00 Thanksgiving (on surface time)
11-24-00 800' Drill plug @ 5:00 PM
11-25-00 1677'
11-26-00 1900' Drilling (DST #1)
11-27-00 2640' Drilling
11-28-00 3210' Drilling
11-29-00 3410' DRILLING
11-30-00 3543' Getting ready for DST #4
12-01-00 3543 RTD

RELEASED

APR 25 2002

FROM CONFIDENTIAL

DUE TO LOW STRUCTURAL POSITION AND LACK OF COMMERCIAL OIL RECOVERY IT WAS DECIDED TO PLUG AND ABANDON THIS TEST.

Plugged with: 25 sx. @ 3500'
100 sx. @ 825'
10 sx. @ 40'
15 sx. in rathole
10 sx. in mousehole
Total 160 sx. 60/40 Pozmix, 6% gel, 1/4# flo-seal per sk
Plug down @ 6:00 A.M. 12-01-00 Allied Cement
STATE PLUGGER: HERB DEINES

SAMPLE TOPS:

Chase	1718 (+160)
Winfield	1770 (+108)
Neva	2224 (-346)
Red Eagle	2301 (-423)
Stotler	2587 (-709)-5' to show hole north
Tarkio	2648 (-770)-6' to show hole north
Howard	2784 (-906)
Topeka	2822 (-944)
Heebner	3123 (-1245)
Brown Lime	3224 (-1346)
Lansing	3233 (-1355)-8' to show hole
Base K/C	3461 (-1583)
Arbuckle	3513 (-1635)-10' to show hole

DST #1 1687-1786 Chase & Winfield
TIMES: 30-45-45-60
BLOW: 1st Open bb in 7 1/2 Min.
2nd open bb in 19 min.
RECOVERY: 10' DM, 120' gwm 6% gas, 40% water, 60' gcwm 49% water 14% gas
IFP: 20-63 FFP:72-108 ISIP:433 FSIP:417

DST #2 3359-3381 Lansing H Zone
TIMES: 30-30
BLOW: 1st open blt to 2"
2nd open
RECOVERY: 15' Mud W/few oil specks free oil in tool

IFP: 7-10 FFP: ISIP: 732 FSIP:

DST #3 3454-3528 Arbuckle
TIMES: 45-45-45-45
BLOW: 1st open blt to 7 1/4"
2nd open blt to 2"
RECOVERY: 100' gip, 25' mud W/few oil specks in tool
IFP: 21-17 FFP: 15-17 ISIP: 75 FSIP: 81
TEMP. 103°

DST #4 3519-3543 Arbuckle
TIMES: 45-45-45-45
BLOW: 1st open bb 4 1/2 min.
2nd open bb 1 min
RECOVERY: 1376' gip, 10' co, 40' HO&GCM 6%water, 21% oil, 22% gas
31' HO&GCM 14%gas, 20% oil, 25% water
31' O&GCMW, 8% oil, 10% gas, 41%water

IFP: 14-15 FFP: 15-17 ISIP: 768 FSIP: 768

FEB - 5 2001

CONSERVATION DIVISION
KANSAS

CONFIDENTIAL ALLIED CEMENTING CO., INC. 5774 ORIGINAL
 Federal Tax I.D.# 48-0727860

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

SERVICE POINT: At Bend

15.009.24691.0000

DATE <u>11-22-00</u>	SEC. <u>1</u>	TWP. <u>20</u>	RANGE <u>14</u>	CALLED OUT <u>11:00 PM</u>	ON LOCATION <u>2:30 PM</u>	JOB START <u>5:15 PM</u>	JOB FINISH <u>12:00 PM</u>
LEASE <u>Bush</u>	WELL # <u>1</u>	LOCATION <u>At Bend - 1/2 W on 5th, 5+E/-</u>			COUNTY <u>Barton</u>	STATE <u>Ka</u>	
OLD OR NEW (Circle one)					KCC		

CONTRACTOR Duke Rig #8
 TYPE OF JOB Surface
 HOLE SIZE 12 1/4" T.D. 800'
 CASING SIZE 8 5/8" (New 24#) DEPTH 800'
 TUBING SIZE _____ DEPTH _____
 DRILL PIPE _____ DEPTH _____
 TOOL _____ DEPTH _____
 PRES. MAX _____ MINIMUM _____
 MEAS. LINE _____ SHOE JOINT _____
 CEMENT LEFT IN CSG. 20'
 PERFS. _____
 DISPLACEMENT 49 3/4 bbls

OWNER Same FEB 01 2001
 CEMENT CONFIDENTIAL
 AMOUNT ORDERED 400 lb 6/40 38cc, 270 lb 27

COMMON	<u>240</u>	@	<u>6.35</u>	<u>1524.00</u>
POZMIX	<u>160</u>	@	<u>3.25</u>	<u>520.00</u>
GEL	<u>7</u>	@	<u>9.50</u>	<u>66.50</u>
CHLORIDE	<u>12</u>	@	<u>28.00</u>	<u>336.00</u>
HANDLING	<u>419</u>	@	<u>1.05</u>	<u>439.95</u>
MILEAGE	<u>3</u>		<u>Min</u>	<u>100.00</u>

EQUIPMENT FROM CONFIDENTIAL
 PUMP TRUCK CEMENTER Tom D
 # 181 HELPER Bob D
 BULK TRUCK
 # 344 DRIVER Hayd W
 BULK TRUCK
 # _____ DRIVER _____

RECEIVED
 STATE CORPORATION COMMISSION
 FEB - 5 2001

TOTAL \$ 2986.45

REMARKS:

Ran 800' of 8 5/8" csg. Brake circulation
Mixed 400 lb 6/40 38cc, 270 lb
Released Plug. Displaced with fresh
H₂O.
Cement did circulate
1 Rank

CONSERVATION DIVISION
 SERVICE

DEPTH OF JOB	<u>800'</u>		
PUMP TRUCK CHARGE 0-300'			<u>470.00</u>
EXTRA FOOTAGE 500'	@	<u>.43</u>	<u>215.00</u>
MILEAGE	<u>3</u>	@	<u>3.00</u> <u>9.00</u>
PLUG 1-8 5/8 Rubber	@	<u>90.00</u>	<u>90.00</u>

TOTAL \$ 784.00

CHARGE TO: L.A. Mfg Inc.
 STREET R.A. 1 Box 183 B
 CITY At Bend STATE Ka ZIP 67530

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 - 0 -
 TOTAL CHARGE \$ 3770.45
 DISCOUNT \$ 377.04 IF PAID IN 30 DAYS

SIGNATURE Rich Wheeler

SIGNATURE Rich Wheeler
 PRINTED NAME

Net \$ 3393.41

CONFIDENTIAL

ALLIED CEMENTING CO., INC.

5809

Federal Tax I.D.# 48-0727860

ORIGINAL

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

SERVICE POINT:

Ht. Banded

15.009.24691.0000

DATE <u>1-30-00</u>	SEC. <u>41</u>	TWP. <u>19</u>	RANGE <u>15</u>	CALLED OUT <u>9:00am</u>	ON LOCATION <u>11:30am</u>	JOB START <u>12:45pm</u>	JOB FINISH <u>6:00am</u>
LEASE <u>Reel</u>		WELL # <u>1</u>	LOCATION <u>Ht Banded 1/4w. S.S</u>		COUNTY <u>Butler</u>	STATE <u>KS</u>	
OLD OR NEW (Circle one)							

FEB 01 2001

CONTRACTOR Duto D. Decker

TYPE OF JOB Rotary Plug

HOLE SIZE 7 7/8 T.D. 3543

CASING SIZE _____ DEPTH _____

TUBING SIZE _____ DEPTH _____

DRILL PIPE _____ DEPTH _____

TOOL _____ DEPTH _____

PRES. MAX _____ MINIMUM _____

MEAS. LINE _____ SHOE JOINT _____

CEMENT LEFT IN CSG. _____

PERFS. _____

DISPLACEMENT _____

OWNER _____

CEMENT AMOUNT ORDERED _____

570 6 3/4 100/2100

160

COMMON _____ @ _____

POZMIX _____ @ _____

GEL _____ @ _____

CHLORIDE _____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

HANDLING _____ @ _____

MILEAGE _____ @ _____

RELEASED

APR 25 2002

TOTAL _____

CONFIDENTIAL

EQUIPMENT

PUMP TRUCK CEMENTER D. Decker

120 HELPER JD

BULK TRUCK _____

241 DRIVER Tony

BULK TRUCK _____

_____ DRIVER _____

REMARKS:

FROM CONFIDENTIAL SERVICE

25 x 2 3500'

100 x 2 875

10 x 2 40

15 x 2 RH.

10 x 2 MH

DEPTH OF JOB 3500

PUMP TRUCK CHARGE _____

EXTRA FOOTAGE _____ @ _____

MILEAGE _____ @ _____

PLUG Top Wood _____ @ _____

_____ @ _____

_____ @ _____

TOTAL _____

CHARGE TO: L.D. Owen

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 Rich Wheeler

Rich Wheeler
PRINTED NAME

GENERAL TERMS AND CONDITIONS

DEFINITIONS: In these terms and conditions, "Allied" shall mean Allied Cementing Co., Inc., and "Customer" shall refer to the party identified by that term on the front of this contract. As applicable, "Job" relates to the services described on the front side of this contract, "merchandise" refers to the material described on the front of this contract and to any other materials, products, or supplies used, sold, or furnished under the requirements of this contract.

—**TERMS:** Unless satisfactory credit has been established, "CUSTOMER" must tender full cash payment to "ALLIED" before the job is undertaken or merchandise is delivered. If satisfactory credit has been established, the terms of payment for the job and/or merchandise, including bulk cement, are net cash, payable in 30 days from the completion of the job and/or delivery of the merchandise. For all past due invoices, "CUSTOMER" agrees to pay interest on amounts invoiced at a rate of 18 percent per annum until paid. Notwithstanding the foregoing, in no event shall this Contract provide for interest exceeding the maximum rate of interest that "CUSTOMER" may agree to pay under applicable law. If any such interest should be provided for, it shall be and hereby is deemed to be a mistake, and this contract shall be automatically reformed to lower the rate of interest to the maximum legal contract rate, any amounts previously paid as excess interest shall be deducted from the amounts owing from the "CUSTOMER" or at the option of "ALLIED," refunded directly to "CUSTOMER." For purposes of this paragraph, ALLIED and CUSTOMER agree that KANSAS law shall apply. Any discounts granted with this contract are null and void if the charges are not paid when due.

—**ATTORNEY FEES:** In any legal action or proceeding between the parties to enforce any of the terms of this Service Contract, or in any way pertaining to the terms of this Contract, the prevailing party shall be entitled to recover all expenses, including, but not limited to, a reasonable sum as and for attorney's fees.

—**PRICES AND TAXES:** All merchandise listed in "ALLIED'S" current price schedule are F.O.B. ALLIED'S local station and are subject to change without notice. All prices are exclusive of any federal, state, local, or special taxes for the sale or use of the merchandise or services listed. The amount of taxes required to be paid by ALLIED shall be added to the quoted prices charged to CUSTOMER.

—**TOWING CHARGES:** ALLIED will make a reasonable attempt to get to and from each job site using its own equipment. Should ALLIED be unable to do so because of poor or inadequate road conditions, and should it become necessary to employ a tractor or other pulling equipment to get to or from the job site, the tractor or pulling equipment will be supplied by CUSTOMER or, if furnished by ALLIED, will be charged to and paid by CUSTOMER.

—**PREPARATION CHARGES:** If a job and/or merchandise is ordered and CUSTOMER cancels the order after preparation of a chemical solution or other material, CUSTOMER will pay ALLIED for the expenses incurred by ALLIED as a result of the cancellation.

—**DEADHAUL, CHARGES:** Unless otherwise specified on the front of this Contract, a deadhaul charge as set forth in ALLIED'S current price book will be charged each way for each service unit which is ordered by CUSTOMER but not used.

—**SERVICE CONDITIONS AND LIABILITIES:** 1. ALLIED carries public liability and property damage insurance, but since there are so many uncertain and unknown conditions beyond ALLIED'S control, ALLIED shall not be liable for injuries to property or persons or for loss or damage arising from the performance of the job or delivery of the merchandise. Customer shall be responsible for and indemnify, defend, and hold harmless ALLIED, its officers, agents and employees, from and against any and all claims or suits for:

(A) Damage to property or for bodily injury, sickness, disease, or death, brought by any person, including CUSTOMER and/or the well owner; and:

(B) Oil spills, pollution, surface or sub-surface damage, injury to the well, reservoir loss, or damage arising from a well blowout arising out of or in connection with ALLIED'S performance of the job or furnishing of merchandise in accordance with this contract, unless such loss or damage is caused by the willful misconduct or gross negligence of ALLIED or its employees.

2. With respect to any of ALLIED'S tools, equipment, or instruments which are lost in the well or damaged when performing or attempting to perform the job or, in the case of marine operations, are lost or damaged at any time after delivery to the landing for CUSTOMER and before return to ALLIED at the landing, CUSTOMER shall either recover the lost item without cost to ALLIED or reimburse ALLIED the current replacement cost of the item unless the loss or damage results from the sole negligence of ALLIED or its employees.

3. ALLIED does not assume any liability or responsibility for damages or conditions resulting from chemical action in cements caused by contamination of water or other fluids.

WARRANTIES: 1. ALLIED warrants all merchandise manufactured or furnished by it to be free from defects in material and workmanship under normal use and service when installed, and used, and/or serviced in the manner provided and intended. ALLIED'S obligation under this warranty is expressly limited to repair, replacement, or allowance for credit, at its option, for any merchandise which is determined by ALLIED to be defective. THIS IS THE SOLE WARRANTY OF ALLIED AND NO OTHER WARRANTY IS APPLICABLE, EITHER EXPRESS OR OTHERWISE IMPLIED, IN FACT OR IN LAW, INCLUDING ANY WARRANTY AS TO MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE, CUSTOMER'S sole and only remedy with regard to any defective merchandise shall be the repair or replacement thereof or allowance for credit as herein provided, and ALLIED shall not be liable for any consequential, special, incidental, or punitive damages resulting from or caused by defective materials, products or supplies.

2. More specifically:

(A) Nothing in this contract shall be construed as a warranty by ALLIED of the success or the effectiveness of the result of any work done or merchandise used, sold, or furnished under this contract.

(B) Nothing in this contract shall be construed as a warranty of the accuracy or correctness of any facts, information, or data furnished by ALLIED or any interpretation of tests, meter readings, chart information, analysis of research, or recommendations made by ALLIED, unless the inaccuracy or incorrectness is caused by the willful misconduct or gross negligence of ALLIED or its employees in the preparation or furnishing of such facts, information or data.

(C) Work done by ALLIED shall be under the direct supervision and control of the CUSTOMER or his agent and ALLIED will accomplish the job as an independent contractor and not as an employee or agent of the CUSTOMER.