

ORIGINAL

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

API NO. 15- 007-22448-0000

County Barber

NE SW NE Sec. 29 Twp. 34S Rge. 12 X W

1664 Feet from S (circle one) Line of Section

1479 Feet from E (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
NE SE, NW or SW (circle one)

Lease Name Kersten Well # 29-7

Field Name Hardtner

Producing Formation N/A

Elevation: Ground 1454' KB 1467'

Total Depth 6100' PBTD N/A

Amount of Surface Pipe Set and Cemented at 282 Feet

Multiple Stage Cementing Collar Used? Yes X No

If yes, show depth set N/A Feet

If Alternate II completion, cement circulated from _____

feet depth to _____ w/ _____ sx cmt.

Drilling Fluid Management Plan D&A 094 10-19-95
(Data must be collected from the Reserve Pit)

Chloride content 2200 ppm Fluid volume 9200 bbls

Dewatering method used Evaporation

Location of fluid disposal if hauled offsite: NCC

Operator Name N/A

Lease Name NOV 22 License No. _____

Quarter CONF Sec. CONF Twp. CONF S Rng. _____ E/W

County _____ Docket No. CONF

Operator: License # 31229

Name: DLB Oil & Gas, Inc.

Address 1601 N.W. Expressway

Suite 700

City/State/Zip Oklahoma City, OK 73118-1401

Purchaser: N/A

Operator Contact Person: Stephen D. Adams

Phone (405) 848-8808

Contractor: Name: Eagle Drilling, Inc.

License: #5380

Wellsite Geologist: David Hickman

Designate Type of Completion

X New Well _____ Re-Entry _____ Workover _____
_____ Oil _____ SWD _____ SLOW _____ Temp. Abd.
_____ Gas _____ ENHR _____ SIGW _____
X Dry _____ Other (Core, WSW, Expl., Cathodic, etc)

If Workover:

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. _____

7-28-94 8-06-94 Dry Hole
Spud Date Date Reached TD Completion Date

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 [Signature]

Title District Landman Date 11-22-94

Subscribed and sworn to before me this 22nd day of November, 19 94.

Notary Public Robin Morton

Date Commission Expires _____

K.C.C. OFFICE USE ONLY		
F	<input checked="" type="checkbox"/>	Letter of Confidentiality Attached
C	<input checked="" type="checkbox"/>	Wireline Log Received
C	<input type="checkbox"/>	Geologist Report Received
Distribution		
<input checked="" type="checkbox"/>	KCC	_____ SWD/Rep
_____	KGS	_____ Plug
_____		_____ NGPA
_____		_____ Other (Specify)

Form ACO-1 (7-91)

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KANSAS CORPORATION COMMISSION

NOV 23 1994
11-23-94
CONSERVATION DIVISION
WICHITA, KS

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Operator Name DLB Oil & Gas, Inc. Lease Name Kersten Well # 29-7

Sec. 29 Twp. 34S Rge. 12 East West County Barber

ORIGINAL

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 Yes No (Attach Additional Sheets.)
Samples Sent to Geological Survey Yes No
Cores Taken Yes No
Electric Log Run Yes No (Submit Copy.)
List All E.Logs Run:
PHASOR Induction, Density, MICRO

<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datums	<input type="checkbox"/> Sample
	Name	Datum
	Heebner Shale	3800 2333
	Lansing	4005 2538
	Cherokee Shale	4680 3213
	Cherokee Sand	4742 3275
	Mississippi	4790 3323
	Simpson Shale	5346 3879
	Simpson Sand	5418 3951
	Arbuckle	5464 3997
	TD	6000 4633

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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	12 1/4"	8 5/8"	24#	282'	60/40 POE	200	3% CaCl2, 6% gel
Production							

ADDITIONAL CEMENTING/SQUEEZE RECORD 5#Gilsonite

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
		NOV 22
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TUBING RECORD	Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No

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

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	0	N/A	0		

Disposition of Gas: **METHOD OF COMPLETION** Production Interval
 Vented Sold Used on Lease (If vented, submit ACO-18.)
 Open Hole Perf. Dually Comp. Commingled
 Other (Specify) _____

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NOV 23 1994 11-23-94 CONSERVATION DIVISION WICHITA, KS



CEMENTING LOG

STAGE NO.

Surface

Date 7-27-94 District WEO. Coode Ticket No. 4745
 Company FAIR DAIRY Co Rig FAIR #1
 Lease KEPSTEN Well No. _____
 County BARBER State KANSAS
 Location 29-34-124 Field _____
HARDNER 3N N/C INTD

CEMENT DATA:
 Spacer Type: FRESH H₂O
 Amt. _____ Sks Yield _____ ft³/sk Density 8.34 PPG

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LEAD: Pump Time _____ hrs. Type _____
 Excess _____

Amt. _____ Sks Yield _____ ft³/sk Density _____ PPG

TAIL: Pump Time 60:40:2 hrs. Type 60:40:2
+ 3% Calc Excess _____

Amt. 200 Sks Yield 1.26 ft³/sk Density 14.8 PPG

WATER: Lead _____ gals/sk Tail 56 gals/sk Total 26.6 Bbls.

Pump Trucks Used 266 MAX BAIL

Bulk Equip. 242 JOHN KELLEY

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Floot Equip: Manufacturer _____

Shoe: Type _____ Depth 282'

Floot: Type _____ Depth 262'

Centralizers: Quantity _____ Plugs Top WOOD Btm. _____

Stage Collars _____

Special Equip. _____

Disp. Fluid Type FRESH H₂O Amt. 16.7 Bbls. Weight 8.34 PPG

Mud Type NATIVE & PROPLEX Weight _____ PPG

CASING DATA: PTA Squeeze
 Surface Intermediate Production Liner
 Size 8 5/8" Type T-SS Weight 24# Collar BRD

BURST --- 2950'
COLLAPSE --- 1370'

Casing Depths: Top RB Bottom 282'

40' - 20" SPURTER LACE

Drill Pipe: Size 4 1/2" Weight 16.6# Collars XU

Open Hole: Size 12 1/4" T.D. 291 ft. P.B. to _____ ft.

CAPACITY FACTORS:

Casing: Bbls/Lin. ft. .0637 Lin. ft./Bbl. 15.7'

Open Hole: Bbls/Lin. ft. .1458 Lin. ft./Bbl. 6.85'

Drill Pipe: Bbls/Lin. ft. _____ Lin. ft./Bbl. _____

Annulus: Bbls/Lin. ft. .0735 Lin. ft./Bbl. 13.6'

Bbls/Lin. ft. _____ Lin. ft./Bbl. _____

Perforations: From _____ ft. to _____ ft. Amt. _____

COMPANY REPRESENTATIVE BUTCH STEINERT

CEMENTER KEVIN BUNDAOT

TIME	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	Pumped Per Time Period	RATE Bbls Min.	
<u>7:30</u>						<u>ON LOCATION, RIG UP</u>
						<u>RUN 8 5/8" CASING, BREAK CIRCULATION</u>
<u>7:23</u>	<u>100</u>				<u>5</u>	<u>REG UP TO CEMENT PUMP</u>
	<u>200</u>		<u>3</u>	<u>3</u>	<u>6</u>	<u>START FRESH H₂O</u>
	<u>0</u>		<u>4.8</u>	<u>4.5</u>	<u>6</u>	<u>FRESH H₂O IN - START CEMENT</u>
						<u>CEMENT IN - STOP PUMPS</u>
						<u>CHANGE VALVES - RELEASE PLUG</u>
<u>7:45</u>	<u>250</u>		<u>64 3/4</u>	<u>16 3/4</u>	<u>4</u>	<u>START DISPLACEMENT</u>
						<u>PLUG DOWN - STOP PUMPS</u>
						<u>CIRCULATE CEMENT TO CEILING</u>
						<u>RELEASED</u>
						<u>NOV 22</u>
						<u>NOV 23 1994</u>
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						<u>KANSAS CORPORATION COMMISSION</u>
						<u>CONSERVATION DIVISION</u>
						<u>WICHITA, KS</u>

FINAL DISP. PRESS: _____ PSI BUMP PLUG TO _____ PSI BLEEDBACK _____ BBLs.

THANK YOU

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.



CEMENTING LOG

913 P05

STAGE NO.

ORIGINAL

Date 8-6-94 District Maalodge Ks Ticket No. 6487
 Company R.L.B Rig Eagle Rig #2
 Location DEPSTEIN Well No. 1-29
 Country BARBER State KANSAS
 Location HARDNET 3N-2/S Field _____

CASING DATA: PTA Squeeze
 Surface Intermediates Production Liner
 Size _____ Type _____ Weight _____ Collar _____

Casing Depths: Top 858' 282' Bottom _____

Drill Pipe: Size _____ Weight _____ Collars _____
 Open Hole: Size 7 7/8 T.D. 6100 ft. P.B. to 5460 ft.

CAPACITY FACTORS:

Casing: Bbls/Lin. ft. 10637 Lin. ft./Bbl. 15.70
 Open Holes: Bbls/Lin. ft. 10602 Lin. ft./Bbl. 16.5993
 Drill Pipe: Bbls/Lin. ft. 10142 Lin. ft./Bbl. 70.32
 Annulus: 1/2" 7/8 Bbls/Lin. ft. 10406 Lin. ft./Bbl. 24.6474
0.1X 2 5/8 Bbls/Lin. ft. 0440 Lin. ft./Bbl. 22.72

Perforations: From _____ ft. to _____ ft. Amt. _____

CEMENT DATA:

Spacer Type: _____
 Amt. _____ Sks Yield _____ ft³/sk Density _____ PPG
FRESH H₂O
 LEAD: Pump Time _____ hrs. Type 60/40 + 6%
GEL Excess _____
 Amt. 135 Sks Yield 1.56 ft³/sk Density 12.8 PPG
 TAIL: Pump Time _____ hrs. Type _____
 Excess _____
 Amt. _____ Sks Yield _____ ft³/sk Density _____ PPG
 WATER: Lead 7.8 gals/sk Tail _____ gals/sk Total 2510 Bbls.

Pump Trucks Used 266 CARLB
 Bulk Equip. 255/250

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Foot Equip: _____
 Shoe: Type _____
 Float: Type _____
 Centralizers: Quantity _____ Plug Top _____
 Stage Collars _____
 Special Equip. _____
 Disp. Fluid Type MUD Amt. 215 Bbls. Weight 9.5 PPG
 Mud Type _____ Weight _____ PPG

CONSERVATION DIVISION
 WICHITA, KS

COMPANY REPRESENTATIVE

CEMENTER NEAL RUPP

TIME	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	Pumped Per Time Period	RATE Bbls Min.	
8:20						ARRIVED ON LOC 7:00 PM Hold Safety Meeting - Pick up Stop Circulating hole - Break off Kelly Kegs up Discharge a Mud Line Take on Mud = 6 Plus 5460 w/ 40 SK
8:30						START H ₂ O SPACER
8:40	400	400		8.0	6	SPACER IN - START SLURRY
	400		11.0	11.0	6	SLURRY IN - START H ₂ O SPACER
	275		22.0	3.0	6.25	SPACER IN - START MUD DISPLACEMENT
	450		32.0	10.0	8	INC RATE
8:50	0		93.5	61.5	0	MUD DISPLAY - SHUT DOWN - Plug IN PLACE CEMENT TOP DRILLPIPE OUT - 5278
						LOAD WOLE 200 Plus 360 w/ 60 SK
11:45	150			50	6	H ₂ O Ahead START SLURRY
	100			16.50	5.5	SLURRY IN - START DESP.
11:50				1.0		DESP IN - SHUT DOWN - Plug IN PLACE CEMENT TOP - DRILLPIPE OUT 58' TD 858 CSG
A.M.						8-7-94
11:45				2.75		40' TO SURFACE 10 SK
				4.25		WATHOLE - 15 SK
2:00				9.75	2.75	Mousehole - 10 SK
2:15						Job COMPLETE

FINAL DISP. PRESS: _____ PSI BUMP PLUG TO _____ PSI BLEEDBACK _____ BBLs.

THANK YOU NR