

CONFIDENTIAL

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

ORIGINAL

API NO. 15- 007-22434 - 0000

County Barber

- NE - NE - NE Sec. 18 Twp. 34S Rge. 12 X W

553 Feet from S^N (circle one) Line of Section

560 Feet from E^W (circle one) Line of Section

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

Lease Name J. V. Cook Well # 18-1

Field Name Southwest Boggs

Producing Formation Hertha

Elevation: Ground 1518' KB 1531'

Total Depth 6411' PBTD 4866'

Amount of Surface Pipe Set and Cemented at ~~400'~~ 330 Feet

Multiple Stage Cementing Collar Used? Yes X No

If yes, show depth set Feet

If Alternate II completion, cement circulated from feet depth to w/ sx cmt.

Drilling Fluid Management Plan ALT 1 8/9 9-20-94
(Data must be collected from the Reserve Pit)

Chloride content 3100 ppm Fluid volume 8800 bbls

Dewatering method used Evaporation

Location of fluid disposal if hauled offsite:

Operator Name RELEASED

Lease Name License No.

Quarter Sec. Twp. JUN 2 8 1995 Rge. E/W

County Docket No.

FROM CONFIDENTIAL

Operator: License # 31229

Name: DLB Oil & Gas, Inc.

Address 1601 N.W. Expressway

Suite 700

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

Purchaser: Twister Transmission, Inc.

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.
X Gas ENHR SIGW
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 PBSD

Commingled Docket No.
Dual Completion Docket No.
Other (SWD or Inj?) Docket No.

1-31-94 2-11-94 2-28-94
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 Date

Subscribed and sworn to before me this 26th day of May 19 94.

Notary Public Robin Morton

Date Commission Expires June 3, 1997

K.C.C. OFFICE USE ONLY
F [checked] Letter of Confidentiality Attached
C [checked] Wireline Log Received
C [checked] Geologist Report Received
Distribution
[checked] KCC [] SWD/Rep [] NGPA
[] KGS [] Plug [] Other (Specify)

Form ACO-1 (7-91)

RECEIVED
KANSAS CORPORATION COMMISSION

MAY 27 1994
5-27-94
CONSERVATION DIVISION
WICHITA, KS

CONFIDENTIAL

KCC
MAY 26
CONFIDENTIAL

PI

SIDE TWO

Operator Name DLB Oil & Gas, Inc. Lease Name J. V. Cook Well # 18-1

Sec. 18 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:
Microlog, Induction, Density

Log Formation (Top), Depth and Datum Sample

Name	Top	Datum
Wellington	1252	279
Council Grove	2290	759
Base Heebner	3837	2306
Lansing	4020	2489
Marmaton	4565	3034
Mississippi	4704	3173
Viola	5165	3634
Simpson Shale	5265	3734
Arbuckle	5464	3933

RELEASED
JUN 2 8 1995

FROM CONFIDENTIAL

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	12 1/4"	8 5/8"	24#	330	60\40 POZ	200	3% cc, 2% gel
Production	7 7/8"	4 1/2"	10.5#	4918	50\50 POZ	175	2% gel, 10% salt
							.5% halad, 322

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	
2	4818' - 26'	500 gal 10% DSFE Acid	
	4818' - 26'	2000 gal 7 1/2% FE Acid	
2	4782' - 86'	500 gal 7 1/2% FE Acid	CIBP @ 4610
2	4506' - 14'	Natural	

TUBING RECORD

Size 2 3/8	Set At 4497	Packer At 4465	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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Date of First, Resumed Production, SWD or Inj. 5-7-94 Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls. 0	Gas Mcf 600	Water Bbls. 0	Gas-Oil Ratio NA	Gravity NA
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Disposition of Gas: **METHOD OF COMPLETION** Production Interval

Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled 4506' - 4514'
(If vented, submit ACO-18.) Other (Specify) _____

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KCC
MAY 2 6
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Phone 913-483-2627, Russell, Kansas
Phone 316-793-5861, Great Bend, Kansas

ORIGINAL CONFIDENTIAL

Phone Plainville 913-434-2812
Phone Ness City 913-798-3843

ALLIED CEMENTING CO., INC. 3673

Home Office P. O. Box 31

Russell, Kansas 67665

New Well

Date	Sec.	Twp.	Range	Called Out	On Location	Job Start	Finish
1-31-94	18	34s	12w	5:30 PM	5:30 PM	8:30	9:30
Lease <i>COOK</i>	Well No. <i>18-2</i>		Location <i>HARDTNER 5 1/2 N - 1 1/2 W</i>			County <i>BARBER</i>	State <i>KANSAS</i>

Contractor *EAGLE DRILLING CO. INC. KANSAS #1*

Type Job *SURFACE C.S.G.*

Hole Size *12 1/4* T.D. *330'*

Csg. *8 5/8 24* Depth *330'*

Tbg. Size _____ Depth _____

Drill Pipe _____ Depth _____

Tool _____ Depth _____

Cement Left in Csg. _____ Shoe Joint *45'*

Press Max. _____ Minimum _____

Meas Line _____ Displace *Fresh H₂O 18.25'*

Perf. _____

Owner
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 listed.

Charge To *EAGLE DRILLING CO. INC.*

Street _____

City _____ State _____

The above was done to satisfaction and supervision of owner agent or contractor.

Purchase Order No. _____

K. O. Steinert

CEMENT

Amount Ordered *200 60/40 P₀₂ 2% GEL + 30 CACL₂*

Consisting of

Common	_____
Poz. Mix	_____
Gel.	_____
Chloride	_____
Quickset	_____

RELEASED

Handling *JUN 28 1995* Sales Tax _____

Mileage *FROM CONFIDENTIAL*

Sub Total _____

Total _____

EQUIPMENT

No.	Cementer	Helper
Pumptrk <i>265</i>	<i>272 NEAL R</i>	<i>CAL B</i>
No.	Cementer	Helper
Pumptrk _____	_____	_____
Bulktrk <i>227</i>	_____	<i>MARK B</i>
Bulktrk	Driver	_____

DEPTH of Job *330'*

References:

<i>1 8 5/8 Bluewood Rubber Cup</i>	Sub Total _____
	Tax _____
	Total _____

Remarks: *RAN 8 5/8 TO 230 FT. CEMENTED WITH 200SK 60/40 P₀₂ 3% CACL₂ + 2% GEL Pumped Plug TO 285' Pumped Baffle Plate - SHUT IN! CEMENT DID NOT CIRCULATE*

Floating Equipment

1-8 5/8 Baffle Plate _____

1-8 5/8 CONTRAILER **NCC**

MAY 26

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CEMENTING LOG

STAGE NO.

CONFIDENTIAL

Date 1-31-94 District NEO LOSS KS Ticket No. 3673
 Company Eagle Drilling Co. Inc. Rig CO. TOOLS
 Lease COOK Well No. 18-2
 County Barber State KANSAS
 Location HARTNER 5 1/2 W - 1/2 W Field 18-34-12W

CEMENT DATA:
 Spacer Type: _____
 Amt. _____ Skys Yield _____ ft³/sk Density _____ PPG

CASING DATA: PTA Squeeze
 Surface Intermediate Production Liner
 Size 8 5/8 Type NEW Weight 24 Collar LONG

LEAD: Pump Time _____ hrs. Type 60/40 P02
270 GAL - 3% CaCl₂ Excess _____
 Amt. 200 Skys Yield 1.26 ft³/sk Density 14.8 PPG

Casing Depths: Top SURFACE Bottom 330'

TAIL: Pump Time _____ hrs. Type _____
 Excess _____
 Amt. _____ Skys Yield _____ ft³/sk Density _____ PPG
 WATER: Lead 516 gals/sk Tail _____ gals/sk Total 26.5 Bbls

ORIGINAL

Drill Pipe: Size 4 1/2 Weight _____ Collars _____
 Open Hole: Size 12 1/4 T.D. 330 ft. P.B. to _____ ft.

Pump Trucks Used #265 CAAL B
 Bulk Equip. #227 MARK B

CAPACITY FACTORS:
 Casing: Bbls/Lin. ft. 0637 Lin. ft./Bbl. 15.70
 Open Holes: Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Drill Pipe: Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Annulus: Bbls/Lin. ft. 10735 Lin. ft./Bbl. 13.6037
 Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Perforations: From _____ ft. to _____ ft. Amt. _____

Float Equip: Manufacturer BAKER
 Shoe: Type OPEN ENDED Depth 330
 Float: Type BAFFLE PLATE Depth 285
 Centralizers: Quantity 1 Plugs Top WRC Btm. _____
 Stage Collars _____
 Special Equip. _____
 Disp. Fluid Type FRESH H₂O Amt. 18.25 Bbls. Weight 8.34 PPG
 Mud Type _____ Weight _____ PPG

COMPANY REPRESENTATIVE BUTCH STERNERT CEMENTER NEAL KUPP

TIME	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	Pumped Per Time Period	RATE Bbls Min.	
8:40						APPLIED ON LOC 5:30 PM / RES UP
8:50	100					KAN 8 5/8 TO 330 FT
9:00	100		50.0	45.0		BREAK CIRCULATION / RES PUMP CIRCULATE
9:02	150					START FRESH H ₂ O PAD
	150			2.0	2	PAD IN START SLURRY
	150		16.0	14.0	3	SLURRY IN - SHUT DOWN
9:10	400		16.25	.25	1.5	RELEASE PLUG SWITCH VALVES
			18.25			START DESP.
						INC RATE
						CEMENT TO SURFACE
						SLOW RATE - FINAL DESP. PSI
						Bump Plug - Shut Down - SHUT IN
						CEMENT DID CIRCULATE
						RELEASED
						JUN 28 1995
						FROM CONFIDENTIAL
						MAY 26
						CONFIDENTIAL

FINAL DISP. PRESS. 150 PSI BUMP PLUG TO 400 PSI BLEEDBACK SHOT IN BBLs. THANK YOU NR



HALLIBURTON ENERGY SERVICES

SUMMARY

HALLIBURTON LOCATION

Pratt

BILLED ON TICKET NO.

614102

WELL DATA

FIELD 19 SEC 34 TWP 12 RING COUNTY Barber STATE 113

FORMATION NAME TYPE
FORMATION THICKNESS FROM TO
INITIAL PROD: OIL BPD. WATER BPD. GAS MCFD
PRESENT PROD: OIL BPD. WATER BPD. GAS MCFD
COMPLETION DATE MUD TYPE MUD WT.
PACKER TYPE SET AT
BOTTOM HOLE TEMP. PRESSURE
MISC DATA TOTAL DEPTH

Table with columns: NEW USED, WEIGHT, SIZE, FROM, TO, MAXIMUM PSI ALLOWABLE. Rows: CASING, LINER, TUBING, OPEN HOLE, PERFORATIONS.

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ORIGINAL JOB DATA

TOOLS AND ACCESSORIES table with columns: TYPE AND SIZE, QTY., MAKE. Rows: FLOAT COLLAR, FLOAT SHOE, GUIDE SHOE, CENTRALIZERS, BOTTOM PLUG, TOP PLUG, HEAD, PACKER, OTHER.

Table with columns: CALLED OUT, ON LOCATION, JOB STARTED, JOB COMPLETED. Rows: DATE, TIME.

PERSONNEL AND SERVICE UNITS table with columns: NAME, UNIT NO. & TYPE, LOCATION. Rows: Gardley, Keenertel, Garner.

MATERIALS
TREAT. FLUID DENSITY LB/GAL API
DISPL. FLUID DENSITY LB/GAL API
PROP. TYPE SIZE LB.
ACID TYPE GAL.
SURFACTANT TYPE GAL. IN
NE AGENT TYPE GAL. IN
FLUID LOSS ADD. TYPE GAL. LB. IN
GELLING AGENT TYPE GAL. LB. IN
FRIC. RED. AGENT TYPE GAL. LB. IN
BREAKER TYPE GAL. LB. IN
BLOCKING AGENT TYPE GAL. LB.
PERF PAC BALLS TYPE QTY.
OTHER

DEPARTMENT Cement
DESCRIPTION OF JOB Long string
JOB DONE THRU: TUBING CASING ANNULUS TBG/ANN.
CUSTOMER REPRESENTATIVE X H Frank
HALLIBURTON OPERATOR M Kempil
COPIES REQUESTED

CEMENT DATA

CEMENT DATA table with columns: STAGE, NUMBER OF SACKS, CEMENT, BRAND, BULK SACKED, ADDITIVES, YIELD CU.FT./SK., MIXED LBS./GAL.

PRESSURES IN PSI

CIRCULATING DISPLACEMENT
BREAKDOWN MAXIMUM
AVERAGE FRACTURE GRADIENT
SHUT-IN: INSTANT 5-MIN 15-MIN
HYDRAULIC HORSEPOWER
ORDERED AVAILABLE USED
AVERAGE RATES IN BPM
TREATING DISPL. CEMENT LEFT IN PIPE OVERALL
PERF 44.10 REASON SHOP

SUMMARY

VOLUMES
PRESLUSH: 5 BBL. GAL. Super Slush TYPE 12 B/B/1
LOAD & BKDN: BBL. GAL. PAD: BBL. GAL.
TREATMENT: BBL. GAL. DISPL: 77.5 BBL. GAL.
CEMENT SLURRY: 43.6 BBL. GAL.
TOTAL VOLUME: 123.1 BBL. GAL.
REMARKS ncc

MAY 2 6

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CUSTOMER DLB Energy LEASE COOK WELL NO. 1-15 JOB TYPE Long string DATE 8-18-94



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DATE **2-12-94** PAGE NO.

JOB LOG FORM 2013 A-4

CUSTOMER **UdR Energy** WELL NO. **18-1** LEASE **COOK** JOB TYPE **Long String** TICKET NO. **614102**

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1:45							on location
								ORIGINAL cement 23H 8-9-10
	7:00							Break cir
	7:32							Drop Bell to set Packer
	7:50	1	0		1			start pump to set Packer
	7:55	1	5		1		1200	Packer set
			5		1		300	Start Super Flush
			17		1			flush In
			22		1		200	Pump 5 BBL water spacer
	8:02	6	0		1		300	Start to mix cement
	8:02		0		1		200	
	8:09		43.6		1		200	cement mix
								Wash out line pull Pin on Plug
	8:12	8	0		1		100	Start Diso
	8:22		77.5		1		1200	Plug Down
	8:24							Release Pressure OK
								RELEASED
								Wash up
								JUN 2 8 1995
								FROM CONFIDENTIAL
								Pack up
								Thank you
								MAY 26
								CONFIDENTIAL

Form 70

PRATT

15025 211070000 - AIZ
CALL FOR SERVICE AND SALES



Company DLB ENERGY WAL 2/11

Contractor EAGLE DRILLING - 5117110 Town or Field _____

Lease GILES Well No. 88-15 Sec. 24 Top 515 Range 28W

Directions HARDWARE - 5 WASH - 1 1/2 W/ST INTO

CONFIDENTIAL

PUMPING SERVICE: (Check One) Surface _____ Intermediate _____ Long Spring _____ Squeeze _____ Plug Back _____ Plug to Abandon _____

Fracturing _____ Acid _____ MCA _____ Other _____

Casing Size 4 1/2 Thread 8 1/2 Tubing Size _____ Plug Connector _____ Rotating Head _____ Gauge _____ Packer _____

Number and Type Trucks Wanted _____ Top Plug Large Plug Bottom Plug _____

Remarks _____

DUMPRAILER: Type Job _____ Hole Size _____ Mud Weight _____

Remarks _____

MATERIALS: Sacks 175 Type 50/50 Per Additives 2% Total Gels, 10% Salt, 3.5% Hales-322, 5# Gelsolux

Current Sand Sacks _____ Type _____ Additives _____

Acid Gal. 500 Type SUPERLUSH Remarks JUN 2 8 1995 13.6-16/Gal

Acid Fracturing Fluid Gal. _____ Type _____ Remarks FROM CONFIDENTIAL 1.4 CF/SK

Fracturing Additives Qty. _____ Type _____ Remarks 6.4-8K/WATER

Other Qty. _____ Type _____ Remarks 7-Gal Claylite for Displacement

Remarks 80 bbls Fresh water on loc

TESTING AND TOOLS SERVICE: Type Job _____ Tool _____

Size and Number of Packers _____ Size Hole _____ Casing Size and Weight _____

Size and Type Drill Pipe and Drill Collars or Tubing _____ Total Depth _____

Top Choke _____ Bottom Choke _____ Safety Joint _____

Circ. Sub _____ Anchor _____ Other _____ Mud Weight _____

Remarks MAY 26

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02/11/94
REVISED
D. V. Tait

SALES ITEMS: Casing Size _____ Thread _____

Outside Shoe _____ Float Shoe _____ Float Collar _____ D. V. Tait

Centralizers - Number _____ Size 4 1/2 Type 5-4 ?

Wall Cleaners - Number _____ Type _____

Linch Clamps _____ Other 1 - Formation PR. SHOR & FILL-UP

Remarks * PRE SHOR TO HOLE * IN PRATT

Ordered By Harold Fowler 1-716-628-0187 OR 1-805-651-3988 Time of Call _____ A.M./P.M.

Call Taken By 2 - COX Time Ready 02/12/94 2:00

Operator or Drive Collar Krentzel - Coroley - Garner YARD @ 11 PM A.M./P.M.

02/12/94

NO SER - TO ROAD