

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

Operator: License # 5537

Name: Kenneth O Brown Estate

Address: Drawer 340

City/State/Zip Plainville, Kansas 67663

Purchaser: \_\_\_\_\_

Operator Contact Person: Stephen P Ruder

Phone (913) 434-7236

Contractor: Name: C & T Well Service

License: **ORIGINAL**

Wellsite Geologist: \_\_\_\_\_

Designate Type of Completion

New Well  Re-Entry  Workover

Oil  SWD  SLOW  Temp. Abd.

Gas  ENHR  SIGW

Dry  Other (Core, MSW, Expl., Cathodic, etc)

If Workover/Re-Entry: old well info as follows: ORIG. OPER.

Operator: (Kenneth O Brown) WOODMAN-TANWIT

Well Name: Vehige # 2 SWD

Comp. Date 6-13-80 Old Total Depth 1652'

**CEMENTED LINER IN PLACE**

Deepening  Re-perf.  Conv. to Inj/SWD

Plug Back  PBTB

Commingled  Docket No. \_\_\_\_\_

Dual Completion  Docket No. \_\_\_\_\_

Other (SWD or Inj?)  Docket No. D-19,910

6-2-94 6-4-94

6-2-94 Date of START OF WORKOVER Date Reached TD Completion Date OF WORKOVER

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.

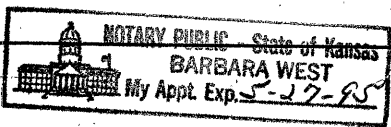
Signature W. E. Brown

Title Executive Operator Date 6-30-94

Subscribed and sworn to before me this 30<sup>th</sup> day of June, 19 94.

Notary Public Barbara West

Date Commission Expires \_\_\_\_\_



API NO. 15- (Docket No. D-19,910) N/A

County Rooks 15-163-01147-00-02

C N/2 - NE - SE Sec. 36 Twp. 6 Rge. 20 W

1980 Feet from S/X (circle one) Line of Section

660 Feet from E/Y (circle one) Line of Section

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

Lease Name Vehige Well # SWD 2

Field Name Slate

Disposal Producing Formation Cedar Hill Disposal

Elevation: Ground 2108' KB \_\_\_\_\_

Total Depth 1652' PBTB \_\_\_\_\_

Amount of Surface Pipe Set and Cemented at 166'

Multiple Stage Cementing Collar Used?  Yes  No

If yes, show depth set \_\_\_\_\_

If Alternate II completion, cement circulated from 1527'

feet depth to surface w/ 380

Drilling Fluid Management Plan REWORK JH 7-27-95  
(Data must be collected from the Reserve Pit)

Chloride content \_\_\_\_\_ ppm Fluid volume \_\_\_\_\_

Dewatering method used Vacuum truck

Location of fluid disposal if hauled offsite: \_\_\_\_\_

Operator Name Kenneth O Brown Estate

Lease Name Vehige License No. 5537

SE Quarter 36 Sec. 6 Twp. 6 S Rng. 20 W

County Rooks Docket No. D-19,910

K.C.C. OFFICE USE ONLY **RECEIVED**  
STATE CORPORATION COMMISSION  
F Letter of Confidentiality Received  
C Wireline Log Received  
G Geologist Report Received  
**JUN 22 1994**  
Distribution  
 KCC  SWD  NSPA  
 KGS  Plug  Other  
Wichita, Kansas (Specify)  
**COPY IN UIC**

Operator Name Kenneth O Brown Estate Lease Name Vehicle Well # SWD 2

Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ Rge. \_\_\_\_\_  East County Rooks  West

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem tests per interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static or hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface during test. Attach extra sheets 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.)

Log Formation (Top), Depth and Datum.  Sample

Name	Top	Datum
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List All E.Logs Run:

Run and cemented 2 7/8" tubing for liner inside of 4 1/2" casing; cement circulated. Set packer shoe in hole @ 1239', (2 7/8 X 4 1/2" cup type.)

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
liner		2 7/8" tubing	6.5	1239	40/60 pos	125	2% gel 1/2 CFR-3

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

TUBING RECORD Size 2 7/8" Set At 1239' Packer At 1239' Liner Run  Yes  No

Date of First, Resumed Production, (SWD or Inj.) 6-4-94 Producing Method  Flowing  Pumping  Gas Lift  Other (Explain)

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

Disposition of Gas:  Vented  Sold  Used on Lease

METHOD OF COMPLETION  Open Hole  Perf.  Dually Comp.  Commingled

other: Cedar Hill Disposal Production Ince-...

CUSTOMER: Kenny Brown Ent. WELL NO.: SWD-2 LEASE: Verhize JOB TYPE: Liner TICKET NO.: 512298

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
1	0600							Called out
	0700							on location set up Trk + Discuss job Rlg unloading Tbg 2 7/8 6.5#/FT ST PKR shoe in hole 2 7/8 x 4 1/2 cu type Tbg at 1239
	1000		10					Pump 2 BBL over Tbg vol. no blow on ann
	10 10							Drop SHUT OFF Ball
	10 15	2						Pump 4 BBL <sup>Dye</sup> water down Tbg water circ to surface
								ST mixing 125 SKS 40/60 P02 2% Gel 1/2% CFR-3
								Finish mixing cement washout P+Liner Release plug <sup>with</sup> circ to surface whole time
	10 43					0		ST Disp
						600		Plug Down cement did not circ to surf Dye water was circulating to surf
						1200		Plg landed + latched in to PKR shoe 1200 PSI
	10 43							Take m.T.T. For 30 min
	11 15							Pump out Bottom of PKR shoe 4300 PSI
		1	1					Take rate down tbg 1 BPM 400 PSI Blow on ann
	11 20							Release PSI flowed back taking around cut Flow back 1 BBL to get cement back around Bottom of Tbg
								shut in + let cement set up
	15 00							Run in with wireline Tag Top of cmt at 1170'
	16 00					300		Pressure upon Tbg to 300 held order 200 SKS standard cement FOR Friday 0730 to pump down ann shut down FOR DAY
	16 30							
	07 15					500		on location Pressure up 2 7/8 to 500 PSI
	07 45							Pump approx 15 SKS std cement down ann
	07 52						300	Pressured up to 300 + held
	08 00							Knock loose <del>...</del>
	10 00							JOB complete

ORIGINAL

START RECEIVED  
CORPORATION COMMISSION  
JUN 22 1994  
CONSERVATION DIVISION  
Wichita, Kansas

**WELL DATA**

FIELD \_\_\_\_\_ SEC. 36 TWP. 6 RNG. 20 COUNTY ROCK STATE KS

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 \_\_\_\_\_

	NEW USED	WEIGHT	SIZE	FROM	TO	MAXIMUM PSI ALLOWABLE
CASING	4		4 1/2			
LINER	4		2 7/8	G.L.		
TUBING						
OPEN HOLE						SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

**ORIGINAL**

**JOB DATA**

CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <u>6-2-94</u>	DATE <u>6-2-94</u>	DATE <u>6-2-94</u>	DATE <u>6-3-94</u>
TIME <u>0600</u>	TIME <u>0800</u>	TIME <u>0830</u>	TIME <u>1000</u>

**PERSONNEL AND SERVICE UNITS**

NAME	UNIT NO. & TYPE	LOCATION
<u>L. Dinkil</u>	<u>B2150</u>	<u>PU.</u>
<u>G. Blessing</u>	<u>52160</u>	<u>94046 J</u>
<u>J. Becker</u>	<u>43222</u>	<u>R.C.M.</u>
		<u>51145</u>
		<u>B.M.</u>
		<u>3360</u>

DEPARTMENT Cement  
 DESCRIPTION OF JOB Cement Liner

JOB DONE THRU: TUBING  CASING  ANNULUS  TBG/ANN.

CUSTOMER REPRESENTATIVE X Steve Ruder

HALLIBURTON OPERATOR L. Dinkil COPIES REQUESTED \_\_\_\_\_

**CEMENT DATA**

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
	<u>125</u>	<u>40/60</u>	<u>POZ</u>	<u>B</u>	<u>2% Gel, 1/2% CFR 3</u>	<u>1.27</u>	<u>14.3</u>
	<u>50</u>	<u>5TA</u>		<u>B</u>		<u>1.18</u>	<u>15.6</u>

**PRESSURES IN PSI**

**SUMMARY**

**VOLUMES**

CIRCULATING \_\_\_\_\_ DISPLACEMENT \_\_\_\_\_ PRESLUSH: BBL.-GAL. \_\_\_\_\_ TYPE \_\_\_\_\_  
 BREAKDOWN \_\_\_\_\_ MAXIMUM \_\_\_\_\_ LOAD & BKDN: BBL.-GAL. \_\_\_\_\_ PAD: BBL.-GAL. \_\_\_\_\_  
 AVERAGE \_\_\_\_\_ FRACTURE GRADIENT \_\_\_\_\_ TREATMENT: BBL.-GAL. \_\_\_\_\_ DISPL.: BBL.-GAL. \_\_\_\_\_  
 SHUT-IN: INSTANT \_\_\_\_\_ 5-MIN \_\_\_\_\_ 15-MIN. \_\_\_\_\_ CEMENT SLURRY: BBL.-GAL. \_\_\_\_\_  
 HYDRAULIC HORSEPOWER \_\_\_\_\_ TOTAL VOLUME: BBL.-GAL. \_\_\_\_\_  
 ORDERED \_\_\_\_\_ AVAILABLE \_\_\_\_\_ USED \_\_\_\_\_  
 AVERAGE RATES IN BPM \_\_\_\_\_  
 TREATING \_\_\_\_\_ DISPL. \_\_\_\_\_ OVERALL \_\_\_\_\_  
 CEMENT LEFT IN PIPE \_\_\_\_\_  
 FEET \_\_\_\_\_ REASON \_\_\_\_\_

**RAMARKS**

CUSTOMER Kenny Brown Ent.  
 LEASE Vehige  
 WELL NO. 500-2  
 JOB TYPE Liner  
 DATE 6-2-94