

**KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION  
WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE**

Form ACO-1  
September 1999  
Form Must Be Typed

**ORIGINAL**

Operator: License # 30471  
 Name: EDGEWOOD LAND AND CATTLE CO. INC.  
 Address: R.R #.1  
 City/State/Zip: ELMDALE, KANSAS 66850  
 Purchaser: \_\_\_\_\_  
 Operator Contact Person: HARRY PATTERSON  
 Phone: (316) 733-2248  
 Contractor: Name: RIG "6" DRILLING CO.  
 License: 30567  
 Wellsite Geologist: WILLIAM M. STOUT  
 Designate Type of Completion:  
 New Well     Re-Entry     Workover  
 Oil     SWD     SLOW     Temp. Abd.  
 Gas     ENHR     SIGW  
 Dry     Other (Core, WSW, Expl., Cathodic, etc)  
 If Workover/Re-entry: Old Well Info as follows:  
 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. \_\_\_\_\_  

<u>8/30/04</u>	<u>9/10/04</u>	<u>9/17/04</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

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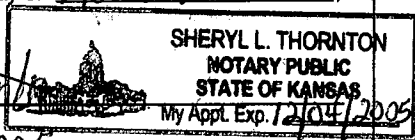
API No. 15 - 073-23987.00.00  
 County: GREENWOOD  
S/2 SW SE    Sec. 19 Twp. 22 S. R. 10  East  West  
330 feet from S N (circle one) Line of Section  
2000 feet from E W (circle one) Line of Section  
 Footages Calculated from Nearest Outside Section Corner:  
 (circle one) NE SE NW SW  
 Lease Name: BROWNING Well #: 20  
 Field Name: BROWNING  
 Producing Formation: BARTLESVILLE  
 Elevation: Ground: 1480 Kelly Bushing: 1485  
 Total Depth: 2474 Plug Back Total Depth: 2473  
 Amount of Surface Pipe Set and Cemented at 204 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** Out #1 HGR 7/03/07  
 (Data must be collected from the Reserve Pit)  
 Chloride content <1000 ppm Fluid volume 10-15 bbls  
 Dewatering method used EVAPORATION  
 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: William A. Browning  
 Title: OPERATOR Date: 11-8-2004  
 Subscribed and sworn to before me this 8<sup>th</sup> day of November  
20 04  
 Notary Public: Sheryl L. Thornton  
 Date Commission Expires: Dec. 04, 2005



**KCC Office Use ONLY**

Letter of Confidentiality Received  
 If Denied, Yes  Date: \_\_\_\_\_  
 Wireline Log Received  
 Geologist Report Received  
 UIC Distribution

Operator Name: EDGEWOOD LAND AND CATTLE CO. INC. Lease Name: BROWNING Well #: 20  
 Sec. 19 Twp. 22 S. R. 10  East  West County: GREENWOOD

**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 type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(Attach Additional Sheets)</i>  Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No  Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Submit Copy)</i>  List All E. Logs Run:  <b>GAMMA NEUTRON BOND LOG</b>	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample  Name Top Datum  BARTLESVILLE 2446
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CASING RECORD <input type="checkbox"/> New <input checked="" 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
PRODUCTION	7 7/8	5 1/2	15.5	2474	60/40 POZMIX	150	5 SX GEL
					CLASS A	50	
SURFACE		8 5/8		204	CLASS A	110	2 SX GEL

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
___ Perforate				
___ Protect Casing				
___ Plug Back TD				
___ 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
2	PERFORATED FROM 2456 TO 2462	500 GAL. HCL ACIC	
		4200 LBS. 12-20 SAND	
		2500 LBS 8-12 SAND	

TUBING RECORD	Size Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
	2 3/8 2436		

Date of First, Resumerd Production, SWD or Enhr. <b>9/20/04</b>	Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i>
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Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	4		50		42.0

Disposition of Gas <input checked="" 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	Production Interval <input type="checkbox"/> Other <i>(Specify)</i>
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CONSOLIDATED OIL-WELL-SERVICES, INC.  
 211 W. 14TH STREET, CHANUTE, KS 66720  
 620-431-9210 OR 800-467-8676

TICKET NUMBER **2122**

LOCATION **EUREKA**  
 FOREMAN **Kevin McCoy**

**TREATMENT REPORT & FIELD TICKET**  
**CEMENT**

DATE	CUSTOMER#	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
9-10-04	2523	Browning #20	19	22S	10E	6W
CUSTOMER Edgewood Land & Cattle Co.			Rig 6			
MAILING ADDRESS Box 53			Drig.			
CITY Elmdale		STATE Ks	ZIP CODE 66850			

TRUCK #	DRIVER	TRUCK #	DRIVER
445	TROY		
442	Anthony		
440	Justin		

JOB TYPE Longstring HOLE SIZE 7 7/8 HOLE DEPTH 2473 CASING SIZE & WEIGHT 5 1/2 15.5  
 CASING DEPTH 2475 DRILL PIPE TUBING OTHER  
 SLURRY WEIGHT 13.2-13.4 SLURRY VOL 52 BBL WATER gal/sk CEMENT LEFT in CASING 0  
 DISPLACEMENT 59 BBL DISPLACEMENT PSI 700 PSI 1200 Bump Plug RATE

REMARKS: SAFETY Meeting. Rig up to 5 1/2" casing. Casing Got Plugged while Running Last Joint. Pressure Casing to 1600 psi. Blew out Plug. Good Circulation. Rig up mud pump Circulate for 30 minutes. Rig up to Cement. Pump 10 BBL Pre Flush Mixed 150 sks 60/40 Pozmix Cement w/ 4% Gel @ 13.2 ppgal. TAIL in w/ 50 sks Thick Set Cement @ 13.4 ppgal. Shut down. Wash out Pump & Lines. Release Plug. Displace w/ 59 BBL Fresh Water. Final Pumping Pressure 700 psi. Bump Plug to 1200 psi. wait 2 minutes. Release Pressure. Float Held Shut. Casing in @ 0 psi. Good Circulation AT ALL times while Cementing. Job Complete. Rig down.  
\* Rotated Casing while Displacing Plug.

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE	710.00	710.00
5406	25	MILEAGE	2.35	58.75
1131	150 sks	60/40 Pozmix Cement (Lead Cement)	7.30	1095.00
1118WOC	5 sks	6% Gel	12.40	62.00
1136A	50 sks	Thick Set Cement (TAIL in Cement)	11.85	592.50
1111A	1 sks 150 #	Metasilicate (Pre Flush)	1.40	70.00
5407A	9.30	Tow M/Leage	85	195.50
4406	1	5 1/2" Top Rubber Plug	40.00	40.00
4159	1	5 1/2" AFU FLOAT shoe	168.00	168.00
4130	4	5 1/2" Centralizers	28.00	112.00
4310	4	5 1/2" Cable wipers	26.00	104.00
4310	1	RENTAL ON 5 1/2" Rotating SWIVEL	35.00	35.00
			Sub Total	3242.75
			SALES TAX	143.55
			ESTIMATED TOTAL	3386.30

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AUTHORIZATION Paul Schwede TITLE Co. Rep. DATE 9-14-04  
 Thank you 192848

CONSOLIDATED OIL WELL SERVICES, INC.  
 211 W. 14TH STREET, CHANUTE, KS 66720  
 620-431-9210 OR 800-467-8676

TICKET NUMBER 14  
 LOCATION Eureka  
 FOREMAN Brad Butler

TREATMENT REPORT & FIELD TICKET  
 CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
8-31-04	2523	Browning #20	19	22	10E	Greenwood
CUSTOMER Edgewood Land & Cattle CO.						
MAILING ADDRESS Box 53						
CITY Elm Dale		STATE Ks.	ZIP CODE 666850			

TRUCK #	DRIVER	TRUCK #	DRIVER
444	Alan		
442	Anthony		

JOB TYPE Surface HOLE SIZE 12 1/4" HOLE DEPTH 207' CASING SIZE & WEIGHT 8 5/8"  
 CASING DEPTH 204' DRILL PIPE \_\_\_\_\_ TUBING \_\_\_\_\_ OTHER \_\_\_\_\_  
 SLURRY WEIGHT 149 SLURRY VOL \_\_\_\_\_ WATER gal/sk \_\_\_\_\_ CEMENT LEFT in CASING 15'  
 DISPLACEMENT 12 Bbl. DISPLACEMENT PSI \_\_\_\_\_ MIX PSI \_\_\_\_\_ RATE 3 BPM

REMARKS: Safety Meeting: Rig up to 8 5/8" casing break circulation with 15 Bbl. fresh water.  
Mixed 110 sks. Reg. cement / 2 1/2 gal. 3% CaCl2 Floccle. Displace cement with 12 Bbls. water  
Shutdown, close casing in with good cement returns  
Job complete Tear down

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Thank you

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401S	1	PUMP CHARGE	550.00	550.00
5406	25	MILEAGE	2.35	58.75
1104	110 SKS	Regular - class A cement	8.90	979.00
1118	2 SKS	Gel 2%	12.40	24.80
1102	6 SKS	CaCl2 3%	35.70	214.20
1107	1 SKS	Floccle	40.00	40.00
5407A	517 Tons	25 miles - Bulk Truck	.85	109.86
		63%	SALES TAX	79.25
			ESTIMATED TOTAL	2055.86

AUTHORIZATION Called by Rig 6 Dirg.

TITLE 192524

DATE \_\_\_\_\_