

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1
September 1999
Form Must Be Typed

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License # 30471
Name: EDGEWOOD LAND AND CATTLE CO.
Address: R.R. #1 BOX 53
City/State/Zip: ELMDALE, KS 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. _____
9/11/04 9/16/04 9/21/04
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 073239880000
County: GREENWOOD
N/2 SE Sec. 19 Twp. 22 S. R. 10 East West
1980 1980 feet from S N (circle one) Line of Section
1320 feet from E W (circle one) Line of Section
Footages Calculated from per operator Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: BROWNING Well #: 21
Field Name: BROWNING
Producing Formation: BARTLESVILLE
Elevation: Ground: 1435 Kelly Bushing: 1440
Total Depth: 2343 Plug Back Total Depth: 2329
Amount of Surface Pipe Set and Cemented at 203 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 *ATI KGR 2/12/08*
(Data must be collected from the Reserve Pit)
Chloride content <1000 ppm Fluid volume 20 BBLS 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 H. Browning
Title: President Date: 12-13-2004
Subscribed and sworn to before me this 13th day of December
2004
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

RECEIVED
DEC 14 2004
KCC WICHITA

SHERYL L. THORNTON
NOTARY PUBLIC
STATE OF KANSAS
My Appt. Exp. 12/04/2005

Operator Name: EDGEWOOD LAND AND CATTLE CO. Lease Name: BROWNING Well #: 21
 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: GAMMA NEUTRON	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum BARTLEVILLE 2289 <div style="text-align: right; font-weight: bold; transform: rotate(-15deg);"> RECEIVED DEC 14 2004 KCC WICHITA </div>
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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	2342	60/40 POZMIX	150	5 SKS 4% GEL
					THICKSET	50	
SURFACE	85/8			203	CLASS	CLASS A	2 SKS GEL 2 %

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
2	PERFORATED FROM 2286 TO 2296	500 GAL. HCL 15 % ACID	
		15000 LBS. 12/20 SAND	
		5300 LBSM 8/12 SAND	

TUBING RECORD		Size <u>2 3/8</u>	Set At <u>2316</u>	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumerd Production, SWD or Enhr. <u>9/25/04</u>		Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)			
Estimated Production Per 24 Hours	Oil Bbls. <u>15</u>	Gas Mcf	Water Bbls. <u>165</u>	Gas-Oil Ratio	Gravity <u>43.0</u>

Disposition of Gas Vented Sold Used on Lease *(If vented, Submit ACO-18.)*

METHOD OF COMPLETION Open Hole Perf. Dually Comp. Commingled

Production Interval Other (Specify) _____

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

TICKET NUMBER 2147
 LOCATION EUREKA
 FOREMAN Kevin McCoy

TREATMENT REPORT & FIELD TICKET
 CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
9-17-04	2503	BROWNING # 21	19	225	10E	GW
CUSTOMER Edgewood Land & Cattle Co.			TRUCK #	DRIVER	TRUCK #	DRIVER
MAILING ADDRESS Box 53			446	Rick		
CITY Elmdale			440	Ed		
STATE KS			441	Justin		
ZIP CODE 66850						

JOB TYPE Longstring HOLE SIZE 7 7/8 HOLE DEPTH 2342' CASING SIZE & WEIGHT 5 1/2 15.5 #
 CASING DEPTH 2342' DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT 13.2-13.4 SLURRY VOL 52 BBL WATER gal/sk _____ CEMENT LEFT in CASING 0'
 DISPLACEMENT 55.75 BBL DISPLACEMENT PSI 600 ~~MAX~~ PSI 1100 Bump Plug RATE _____
 REMARKS: Safety Meeting: Rig up to 5 1/2 casing. Casing Got Plugged while Running last joint. Pressure casing to 2500 psi. Blew out Plug. Good Circulation. Rig up Mud Pump. Circulate for 20 minutes. Rig up to Cement. Pump 10 BBL Pre Flush. Mixed 150 sks 60/40 Pozmix Cement w/ 4% GeL @ 13.2 # per gal. Tail in w/ 50 sks Thick Set Cement @ 13.4 # per gal. Shut down. Release Plug. Wash out Pump & Lines. Displace w/ 55.75 BBL fresh water. Final Pumping Pressure 600 psi. Bump Plug to 1100 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
1118	5 sks	GeL 4%	12.40	62.00
1126 A	50 sks	Thick Set Cement (TAIL IN Cement)	11.85	592.50
1111 A	1 sk 50 #	Metasilicate (Pre Flush)	1.40 #	70.00
5407 A	9.20 TONS	25 miles	.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
RECEIVED				
DEC 14 2004				
KCC WICHITA				
			Sub TOTAL	3242.75
			SALES TAX 6.3%	143.55
			ESTIMATED TOTAL	3,386.30

AUTHORIZATION Witness By Gale Schtoeder TITLE Co. Rep. DATE 9-17-04

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

TICKET NUMBER 2157
 LOCATION Eureka
 FOREMAN Russell McElroy

**TREATMENT REPORT & FIELD TICKET
 CEMENT**

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
9-12-04	2523					
CUSTOMER Edgewood Land + Cattle Co.			TRUCK #			
MAILING ADDRESS Box 53			DRIVER			
CITY Elm Dale		STATE KS	ZIP CODE 666850	TRUCK #		DRIVER
JOB TYPE <u>Surface</u>			HOLE SIZE <u>12 1/4</u>	HOLE DEPTH <u>206'</u>	CASING SIZE & WEIGHT <u>8 5/8 New 24 #</u>	
CASING DEPTH <u>203</u>			DRILL PIPE	TUBING	OTHER	
SLURRY WEIGHT <u>15 #</u>			SLURRY VOL	WATER gal/sk	CEMENT LEFT in CASING <u>20'</u>	
DISPLACEMENT <u>12 Bbl</u>			DISPLACEMENT PSI	MIX PSI <u>200 #</u>	RATE	

REMARKS: Safety meeting. Rig up to 8 5/8 casing. Break circulation w 10 Bbl water. Pump 6 Bbl DyE water. Mix 110 SKs Regular cement w 3% CALIZ 2% Gel 1/4 Floccle. Displace w 12 Bbl water. GOOD CEMENT RETURNS TO SURFACE CLOSE CASING IN A+100 PSI. (GOOD CEMENT RETURNS OF 5 Bbl Slurry)
 Job completes. Tear Down.

Thank you

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL	
5401 S	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	CALIZ 3%	35.70	214.20	
1107	1 SK	Floccle	40.00	40.00	
5407 A	5.17 TONS	25 m.h.s Bulk Truck	.85	109.86	
				SALES TAX	79.25
				ESTIMATED TOTAL	2055.86

RECEIVED
 DEC 14 2004
 KCC WICHITA

197858

AUTHORIZATION called by P.O. 1.

TIT F

DATE 9-12-04