

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

RECEIVED

NOV 13 2002

KCC WICHITA

ORIGINAL

Operator: License # 30128  
Name: Kenneth S. White  
Address: 2400 N. Woodlawn, Suite 115  
City/State/Zip: Wichita KS 67220  
Purchaser: Duke Energy Field Services  
Operator Contact Person: Kenneth S. White  
Phone: (316) 682-6300  
Contractor: Name: Murfin Drilling Co., Inc.  
License: 30606  
Wellsite Geologist: Tom Robinson

CONFIDENTIAL

API No. 15 - 187-20989-0000  
County: Stanton

AP SW NW NW Sec. 36 Twp. 29 S. R. 41  East  West  
1120 feet from S (N) (circle one) Line of Section  
430 feet from E (W) (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:  
(circle one) NE SE (NW) SW  
Lease Name: Cockrum Well #: 3

KCC

NOV 12 2002

Field Name: Arroyo Southeast  
Producing Formation: St. Louis

Designate Type of Completion:  
 New Well  Re-Entry  Workover  
 Oil  SWD  SIOW  Temp. Abd.  
 Gas  ENHR  SIGW  
 Dry  Other (Core, WSW, Expl., Cathodic, etc)

Release  
OCT 14 2004  
From  
Confidential

Elevation: Ground: 3375 Kelly Bushing: 3385  
Total Depth: 5648 Plug Back Total Depth: 5602  
Amount of Surface Pipe Set and Cemented at 1658 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.

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. \_\_\_\_\_

Drilling Fluid Management Plan Art 1 DFW 10-14-04  
(Data must be collected from the Reserve Pit)

Chloride content 2500 ppm Fluid volume 1800 bbls  
Dewatering method used Evaporation

8/15/02 8/25/02 9/20/02  
Spud Date or Date Reached TD Completion Date or  
Recompletion Date

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: Kenneth S. White  
Title: operator Date: 11/12/02  
Subscribed and sworn to before me this 12<sup>th</sup> day of November,  
2002.  
Notary Public: Susan M. Way  
Date Commission Expires: \_\_\_\_\_

SUSAN M. WAY  
NOTARY PUBLIC  
STATE OF KANSAS  
My Appt. Exp. 10-17-04

KCC Office Use ONLY

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

Operator Name: Kenneth S. White Lease Name: Cockrum Well #: 3  
 Sec. 36 Twp. 29 S. R. 41  East  West County: Stanton

**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 sheets if more space is needed. Attach copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

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:

Compensated Density/Neutron Log   
 Dual Induction Log

Log Formation (Top), Depth and Datum  Sample

Name	Top	Datum
Atoka Shale	4848	-1497
Morrow Shale	4971	-1620
Lower Morrow Marker	5293	-1942
Mississippi - St. Gen	5380	-2029
St. Louis Porosity	5532	-2181

CASING RECORD <input checked="" 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#	1658	Lite Common	470 150	3% CC 3% CC
Production	7-7/8"	5-1/2"	15.5#	5648	50 sx 50/50 Poz		Mix w/2%
gel/sk and 5# and .6 of 1#	Gilsonite/Halad-322	sk and 150 sx	Premium w/10#	Cal Seal	/sk, 6# Gilsonite/sk,		10% salt

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
4	5534' - 5540'		

TUBING RECORD		Size	Set At	Packer At	Liner Run
		2-3/8"	5540	none	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Enhr.			Producing Method		
9/20/02			<input checked="" type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)		
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	8.35	350	-0-	42:1	

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

METHOD OF COMPLETION  Open Hole  Perf.  Dually Comp.  Commingled  Other (Specify) \_\_\_\_\_

Production Interval \_\_\_\_\_

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**ORIGINAL**

Attached to and Made a Part of  
ACO-1 form for  
KENNETH S. WHITE  
COCKRUM #3  
1120' FNL and 430' FWL  
Section 36-29S-41W  
Stanton County, Kansas  
API# 15-187-20989-0000

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Release

OCT 14 2004

From

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DST #1 5535' - 5565' (St. Louis)

15" - 30" - 30" - 60"

1<sup>st</sup> Open: Strong blow off bottom immediately, gas to surface in 3". Gauge approx 1.4 MMCFPD  
Strong blow off btm in 2" on 1<sup>st</sup> shut-in

2<sup>nd</sup> Open: Strong blow off bottom immediately 10" = 1631 MCF, 20" = 2724 MCF, 30" = 2724 MCF  
Strong blow off bottom during 2<sup>nd</sup> shut-in

Rec: 550' Gas Cut Oil (45% gas, 55% oil)

IFP: 518# - 602#

ISIP: 761#

IHP: 2724#

BHT = 138°

FFP: 568# - 613#

FSIP: 760#

FHP: 2678#

Oil Gravity = 46°.

# ALLIED CEMENTING CO., INC.

09367  
**ORIGINAL**

REMIT TO P.O. BOX 31  
RUSSELL, KANSAS 67665

Federal Tax I.D.# [REDACTED]  
**CONFIDENTIAL**

SERVICE POINT:

15187209890000 **OKLEY**

DATE <b>8-17-02</b>	SEC. <b>36</b>	TWP. <b>29S</b>	RANGE <b>41W</b>	CALLED OUT	ON LOCATION <b>11:30 AM</b>	JOB START <b>3:45 PM</b>	JOB FINISH <b>4:45 PM</b>
COCKRUM LEASE		WELL # <b>3</b>	LOCATION <b>Johnson 6 1/4 E into</b>			COUNTY <b>STANTON</b>	STATE <b>KC</b>
OLD OR (NEW) (Circle one)							

CONTRACTOR **MURFIN DRILL RIG # 14** OWNER **SAME** **NOV 12 2002**

TYPE OF JOB **SURFACE**  
 HOLE SIZE **12 1/4"** T.D. **1658'** CEMENT  
 CASING SIZE **8 7/8"** DEPTH **1658'** AMOUNT ORDERED **150 SKS COM 3% CC**  
 TUBING SIZE DEPTH **470 SKS LITE 3% CC 1 1/4" FLO-SEAL**  
 DRILL PIPE DEPTH  
 TOOL DEPTH

PRES. MAX MINIMUM **Rate 150 SKS @ 7 85 1177 50**  
 MEAS. LINE SHOE JOINT **43.20' POZMIX @**  
 CEMENT LEFT IN CSG. **43.20' GEL @**  
 PERFS. CHLORIDE **19 SKS @ 30 570**  
 DISPLACEMENT **102 3/4 BBL FLO-SEAL 470 SKS @ 6 95 3266 30**

EQUIPMENT  
 PUMP TRUCK CEMENTER **TERRY**  
 # **300** HELPER **WAYNE**  
 BULK TRUCK HANDLING **620 SKS @ 1 10 682**  
 # **361** DRIVER **FUZZY** MILEAGE **049 PER SK / MILE 744**  
 BULK TRUCK # **347** DRIVER **ANDREW** **RECEIVED**  
 TOTAL **6605 20**

REMARKS: **CEMENT DEO CIRC ✓**

**PLUG LANDED**  
**FLOAT HELD**  
**THANK YOU**

**KCC WICHITA SERVICE**  
 DEPTH OF JOB **1658'**  
 PUMP TRUCK CHARGE **1130 00**  
 EXTRA FOOTAGE @  
 MILEAGE **30 MZ @ 3 00 90 00**  
 PLUG **8 7/8 RUBBER @ 100 00**  
 TOTAL **1320 00**

CHARGE TO: **Kenneth S. White**  
 STREET  
 CITY STATE ZIP

FLOAT EQUIPMENT  
**8 7/8"**  
**1-GUIDE SHOE @ 238 00**  
**1-AFU INSERT @ 325 00**  
**3-CENTRALIZERS @ 55 00 165 00**  
 TOTAL **728 00**

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 is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side.

TAX **\$7787.88**  
 TOTAL CHARGE  
 DISCOUNT IF PAID IN 30 DAYS

SIGNATURE **James R. [Signature]**

PRINTED NAME

# HALLIBURTON JOB SUMMARY

REGION <b>Central Operations</b>	COUNTRY <b>North Continent/USA</b>	SALES ORDER NUMBER <b>2005316</b>	TICKET DATE <b>08/25/02</b>
MBU ID / EMPL # <b>MCL1010106822</b>	H.E.S. EMPLOYEE NAME <b>Danny McLane</b>	BDA / ST <b>Ks</b>	COUNTY <b>STANTON</b>
LOCATION <b>LIBERAL</b>	COMPANY <b>KENNETH S. WHITE</b>	PSL DEPARTMENT <b>Cement</b>	<b>ORIGINAL</b>
TICKET AMOUNT <b>\$8,334.48</b>	WELL TYPE <b>Oil</b>	CUSTOMER REP / PHONE <b>HERB DURANT</b>	
WELL LOCATION <b>Johnson Ks</b>	DEPARTMENT <b>Cement</b>	API/UWI # <b>15187 209890000</b>	
LEASE NAME <b>COCKRUM</b>	Well No. <b>#3</b>	SEC / TWP / RNG <b>36 - 29S - 41W</b>	SAP BOMB NUMBER <b>7523</b>
		HES FACILITY (CLOSEST TO WELL SITE) <b>Hugoton Ks</b>	

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HES EMP NAME / EMP # / (EXPOSURE HOURS)	HRS	HRS	HRS	HRS
McLane, D 106322	8.0			
Tate, N 105953	8.0			
Ferguson, R 106154	7.0			

H.E.S. UNIT #S / (R / T MILES)	R / T MILES	R / T MILES	R / T MILES	R / T MILES
420995	60			
10251401	60			
10240236 10240245	30			

Form. Name \_\_\_\_\_ Type: \_\_\_\_\_  
 Form. Thickness \_\_\_\_\_ From \_\_\_\_\_ To \_\_\_\_\_  
 Packer Type \_\_\_\_\_ Set At \_\_\_\_\_  
 Bottom Hole Temp. \_\_\_\_\_ Pressure \_\_\_\_\_  
 Retainer Depth \_\_\_\_\_ Total Depth \_\_\_\_\_

Date	Called Out	On Location	Job Started	Job Completed
	8/25/2002	8/25/2002	8/26/2002	8/26/2002
Time	1500	1800	0005	0105

**Tools and Accessories**

Type and Size	Qty	Make
Insert 5 1/2	1	H
Float Shoe		
Centralizers 5 1/2	12	O
Top Plug 5 1/2	1	
HEAD 5 1/2	1	W
Limit clamp 5 1/2	1	
Weld-A	1	C
Guide Shoe 5 1/2	1	
Basket 5 1/2	1	O

**Well Data**

Casing	New/Used	Weight	Size	Grade	From	To	Max. Allow
Casing	New	15.5#	5 1/2		KB	5,660	
Liner							
Liner							
Tubing							
Drill Pipe							
Open Hole			7 7/8				Shots/Ft.
Perforations							
Perforations							
Perforations							

**Materials**

Mud Type	Density	Lb/Gal
Disp. Fluid	Density	Lb/Gal
Prop. Type	Size	Lb
Prop. Type	Size	Lb
Acid Type	Gal.	%
Acid Type	Gal.	%
Surfactant	Gal.	In
NE Agent	Gal.	In
Fluid Loss	Gal/Lb	In
Gelling Agent	Gal/Lb	In
Fric. Red.	Gal/Lb	In
Breaker	Gal/Lb	In
Blocking Agent	Gal/Lb	
Perfpac Balls	Qty.	
Other		
Other		
Other		
Other		

Hours On Location		Operating Hours		Description of Job
Date	Hours	Date	Hours	
8/25	6.0	8/26	1.0	Cement Production Casing
8/26	2.0			
Total	8.0	Total	1.0	

Ordered	Hydraulic Horsepower Avail.	Used
Treating	Average Rates in BPM Disp.	Overall
Feet 46	Cement Left in Pipe Reason	SHOE JOINT

**Cement Data**

Stage	Sacks	Cement	Bulk/Sks	Additives	W/Rq.	Yield	Lbs/Gal
1	50	50/50 POZ H	Bulk	2% TOTAL GEL - 5# GILSONITE	16.34	2.75	11.00
2	150	PREMIUM H	Bulk	10# CALSEAL - 6# GILSONITE - 10% SALT - 6/10% HALAD-322	6.13	1.48	15.00
3	25	50/50 POZ H	Bulk	2% TOTAL GEL - 5# GILSONITE (TO PLUG RAT & MOUSE HOLES)	16.34	2.75	11.00
4							

**Summary**

Circulating Breakdown	Displacement	Preflush: BBI	7.12,7	Type: FW,MF,FW
Lost Returns	MAXIMUM	Load & Bkdn: Gal - BBI		Pad:Bbl -Gal
Cmt Rtrn#Bbl	Lost Returns	Excess /Return BBI		Calc.Disp Bbl 133.6
Average	Actual TOC	Calc. TOC:		Actual Disp. 134
Shut In: Instant	Frac. Gradient	Treatment: Gal - BBI		Disp:Bbl
	5 Min. 15 Min.	Cement Slurry BBI	24.5 39.5	Rat & Mouse Holes 6
		Total Volume BBI	#VALUE!	

Frac Ring #1 \_\_\_\_\_ Frac Ring #2 \_\_\_\_\_ Frac Ring #3 \_\_\_\_\_ Frac Ring #4 \_\_\_\_\_

THE INFORMATION STATED HEREIN IS CORRECT  
 CUSTOMER REPRESENTATIVE *Herb Durant* SIGNATURE

11-12-03



**KENNETH S. WHITE**

2400 N. Woodlawn, Suite 115  
Wichita, Kansas 67220  
Phone: (316) 682-6300  
Fax: (316) 682-6307

November 12, 2002

RECEIVED  
NOV 13 2002  
KCC WICHITA

State Corporation Commission  
Conservation Division  
130 S. Market, Room 2078  
Wichita, KS 67202

*Rel.  
10-14-04  
DPW  
Has Been  
Teched*

RE: #3 Cockrum  
Sec. 36-29S-41W  
Stanton County, Kansas

**CONFIDENTIAL**

Gentlemen:

Enclosed please find the ACO-1 form for the #3 Cockrum well in Stanton County, Kansas. Also enclosed are the following logs:

Compensated Neutron/Density  
Dual Induction

In accordance with Rule 82-3-107 we do request that this information be held **CONFIDENTIAL** for a period of one (1) year.

Should you have any questions regarding this request, please let me know.

Sincerely,

*Kenneth S. White*  
Kenneth S. White

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NOV 12 2002  
CONFIDENTIAL

KSW/smw  
Enclosure

Release  
OCT 14 2004  
From  
Confidential