

RECEIVED

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

Form ACO-1  
September 1999  
Form Must Be Typed

JUL 27 2005

WELL COMPLETION FORM

WELL HISTORY - DESCRIPTION OF WELL & LEASE

ORIGINAL

Operator: License # 5278 **CONFIDENTIAL**  
 Name: EOG Resources, Inc.  
 Address: 3817 NW Expressway, Ste 500  
 City/State/Zip: Oklahoma City, OK 73112  
 Purchaser: Duke Energy Field Services  
 Operator Contact Person: Dara Tatum  
 Phone: (405) 246-3244  
 Contractor: Name: Abercrombie  
 License: 30684 **KCC**  
 Wellsite Geologist: \_\_\_\_\_  
 Designate Type of Completion:  
 New Well  Re-Entry  Workover  
 Oil  SWD  SLOW  Temp. Abd.  
 Gas  ENHR  SIGW  
 Dry  Other (Core, WSW, Expl., Cathodic, etc)

JUL 25 2005  
**CONFIDENTIAL**

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. \_\_\_\_\_  
 4-24-05 5-2-05 6-10-05  
 Spud Date or Recompletion Date Date Reached TD Completion Date or Recompletion Date

API No. 15 - 025-21287-0000  
 County: Clark  
C. N2 SE Sec. 15 Twp. 34 S. R. 24  East  West  
1980 feet from (S) N (circle one) Line of Section  
1320 feet from (E) W (circle one) Line of Section  
 Footages Calculated from Nearest Outside Section Corner:  
 (circle one) NE SE NW SW  
 Lease Name: Gardiner 15 Well #: 1  
 Field Name: Wildcat  
 Producing Formation: Chester - Arbuckle  
 Elevation: Ground: 1932' Kelly Bushing: 1943'  
 Total Depth: 5900' Plug Back Total Depth: 5831'  
 Amount of Surface Pipe Set and Cemented at: 797' 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 ACT II NAM  
 (Data must be collected from the Reserve Pit) 7-25-07  
 Chloride content 4000 ppm Fluid volume 1000 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: Dara Tatum  
 Title: Jr. Reg Administrator Date: 7-25-05  
 Subscribed and sworn to before me this 25 day of JULY 2005  
 Notary Public: Heather Nealon  
 Date Commission Expires: 4-26-08

**NOTARY SEAL**  
 HEATHER NEALSON  
 Cleveland County  
 Notary Public in and for  
 State of Oklahoma  
 Commission # 04003796 Expires 4/26/08

**KCC Office Use ONLY**  
 YES Letter of Confidentiality Received  
 If Denied, Yes  Date: \_\_\_\_\_  
 Wireline Log Received \_\_\_\_\_  
 Geologist Report Received \_\_\_\_\_  
 UIC Distribution \_\_\_\_\_

JAN 10 2006

Operator Name: EOG Resources, Inc. Lease Name: Gardiner 15 Well #: 1  
 Sec. 15 Twp. 34 S. R. 24  East  West County: Clark

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 (Attach Additional Sheets)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Datum
Electric Log Run (Submit Copy)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Bader Lime	2820'
List All E. Logs Run:		Neva Lime	2935'
<u>Spectral Density Dual Spaced</u>		Wabanssee	3030'
<u>Neutron Log, High Resolution Induction</u>		U. Topeka	3300'
<u>Log, Spectral Density Dual Spaced</u>		Hebrner	3820'
<u>Neutron w/microlog, Mudlog</u>		Toronto	3860'
		Douglas	3890'
		Des Moines	4930'
		Novi	5485'
		Kelly Sd.	5645'
			877'
			992'
			1087'
			1357'
			1877'
			1917'
			1947'
			2987'
			3542'
			3702'

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 #	797'	Midcon PP	210	3% CL 1/4" Flocele, .1% FWCA
					P.P.	130	2% CC - 1/4" Flocele
Production	7 7/8	4 1/2	10.5 #	5898'	50/50 Poz PP	300	6% Gilsonite, .6% Haled-322, .6% Cal-Seal, 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		Acid, Fracture, Shot, Cement Squeeze Record	
	Specify Footage of Each Interval Perforated		(Amount and Kind of Material Used)	Depth
4	5772'	5782'	53,000 # 20/40 Sand, 500 gals NEFE 15% Acid, 51,300 gals 75Q foam gel water	5746' - 5782'
4	5746'	5754'		
4	5491'	5515'	4000 # 20/40 sand, 16,000 gals 15% gelled NEFE HCL stick acid, 35,000 gals 2% KCL pad	5491' - 5515'

TUBING RECORD		Size <u>2 3/8</u>	Set At <u>5458'</u>	Packer At <u>N/A</u>	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumerd Production, SWD or Enhr. <u>6-10-05</u>		Producing Method <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. <u>0</u>	Gas Mcf <u>729</u>	Water Bbls. <u>63</u>	Gas-Oil Ratio <u>N/A</u>	Gravity <u>.6964</u>

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

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

Production Interval

# HALLIBURTON JOB SUMMARY

REGION <b>Central Operations</b>		MNA / COUNTRY <b>Mid Continent/USA</b>		SALES ORDER NUMBER <b>3673736</b>		TICKET DATE <b>04/22/05</b>	
MBU ID / EMPL # <b>MCIL 0110 / 195811</b>		H.E.S. EMPLOYEE NAME <b>MERSHEK WILTSHIRE</b>		BDA / STATE <b>MC/Ks</b>		COUNTY <b>CLARK</b>	
LOCATION <b>LIBERAL</b>		COMPANY <b>EOG RESOURCES</b>		PSL DEPARTMENT <b>Cement</b>		<b>ORIGINAL</b>	
TICKET AMOUNT <b>\$11,874.10</b>		WELL TYPE <b>01 Oil</b>		CUSTOMER REP / PHONE <b>DANNY RAUH</b>			
WELL LOCATION <b>ENGLEWOOD, KS</b>		DEPARTMENT <b>ZI</b>		SAP BOMB NUMBER <b>7521</b>		Cement Surface Casing	
LEASE NAME <b>GARDINER</b>		Well No. <b>15#1</b>		SEC / TWP / RNG <b>15 - 34S - 24W</b>		HES FACILITY (CLOSEST TO WELL SITE) <b>LIBERAL, KS</b>	

HES EMP NAME / EMP # / (EXPOSURE HOURS)		HRS		HRS		HRS	
<b>Wiltshire, M 195811</b>	<b>5.0</b>						
<b>Chavez, E 3478815</b>	<b>5.0</b>						
<b>Brady, P 322238</b>	<b>5.0</b>						
<b>Davis, T 106304</b>	<b>2.0</b>						

H.E.S. UNIT #S / (R / T MILES)		R / T MILES		R / T MILES		R / T MILES	
<b>10547690</b>	<b>130</b>						
<b>10251403</b>	<b>130</b>						
<b>10243558-10011276</b>	<b>65</b>						
<b>10011407-10010921</b>	<b>135</b>						

Form. Name _____ Type: _____	Form. Thickness _____ From _____ To _____	Date	Called Out <b>4/24/2005</b>	On Location <b>4/24/2005</b>	Job Started <b>4/24/2005</b>	Job Completed <b>4/24/2005</b>
Packer Type _____ Set At _____	Bottom Hole Temp. _____ Pressure _____	Time	<b>1030</b>	<b>1430</b>	<b>1649</b>	<b>1806</b>
Retainer Depth _____ Total Depth _____						

Tools and Accessories			
Type and Size	Qty	Make	
Float Collar TROPHY SEAL	1	H	
Float Shoe		O	
Centralizers 8 5/8x12 1/4	3	W	
Top Plug HWE	1	C	
HEAD	1	H	O
Limit clamp	1	O	
Weld-A		W	
Guide Shoe TIGER TOOTH	1	C	
BTM PLUG		O	

Well Data						
	New/Used	Weight	Size Grade	From	To	Max. Allow
Casing	NEW	24#	8 5/8"	0	797	
Liner						
Liner						
Tubing						
Drill Pipe						
Open Hole			12 1/4			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	
<b>4/24</b>	<b>4.5</b>	<b>4/24</b>	<b>1.5</b>	<b>Cement Surface Casing</b>
<b>Total</b>	<b>4.5</b>	<b>Total</b>	<b>1.5</b>	

Ordered _____	<input checked="" type="checkbox"/> Hydraulic Horsepower Avail.	<b>KCC WICHITA</b>
Treating _____	<input checked="" type="checkbox"/> Average Rates in BPM Disp.	Used
Feet <b>43</b>	<input checked="" type="checkbox"/> Cement Left in Pipe Reason	Overall
		<b>SHOE JOINT</b>

Cement Data							
Stage	Sacks	Cement	Bulk/Sks	Additives	W/Rq.	Yield	Lbs/Gal
<b>1</b>	<b>210</b>	<b>MIDCON PP</b>		<b>3% CC - 1/4# FLOCELE - .1% FWCA</b>	<b>18.04</b>	<b>2.93</b>	<b>11.40</b>
<b>2</b>	<b>130</b>	<b>PREM PLUS</b>		<b>2% CC - 1/4# FLOCELE</b>	<b>6.30</b>	<b>1.34</b>	<b>14.80</b>
<b>3</b>							
<b>4</b>							

Summary			
Circulating _____	Displacement _____	Preflush: BBI _____	Type: _____
Breakdown _____	MAXIMUM _____	Load & Bkdn: Gal - BBI _____	Pad: Bbl - Gal _____
Lost Returns- _____	Lost Returns- _____	Excess /Return BBI _____	Calc. Disp Bbl _____
Cmt Rtrn#Bbl _____	Actual TOC _____	Calc. TOC: _____	Actual Disp. <b>48</b>
Average _____	Frac. Gradient _____	Treatment: Gal - BBI _____	Disp: Bbl _____
Shut In: Instant _____	5 Min. _____	Cement Slurry BBI _____	<b>141.0</b>
	15 Min _____	Total Volume BBI _____	<b>189.00</b>

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

**THE INFORMATION STATED HEREIN IS CORRECT**

CUSTOMER REPRESENTATIVE \_\_\_\_\_

SIGNATURE *Dan Rank*

**CONFIDENTIAL**

**KCC**  
JUL 25 2005

**ORIGINAL**

<b>HALLIBURTON JOB LOG</b>		<b>CONFIDENTIAL</b>	TICKET # <b>3673736</b>	TICKET DATE <b>04/22/05</b>
REGION <b>Central Operations</b>	NWA / COUNTRY <b>Mid Contitnent/USA</b>	BDA / STATE <b>MC/Ks</b>	COUNTY <b>CLARK</b>	
MBU ID / EMPL # <b>MCIL 0110 / 195811</b>	H.E.S EMPLOYEE NAME <b>MERSHEK WILTSHIRE</b>	PSL DEPARTMENT <b>Cement</b>		
LOCATION <b>LIBERAL</b>	COMPANY <b>EOG RESOURCES</b>	<b>30</b>	CUSTOMER REP / PHONE <b>DANNY RAUH</b>	<b>1-580-651-0067</b>
TICKET AMOUNT <b>\$11,874.10</b>	WELL TYPE <b>01 Oil</b>	API/UWI #		
WELL LOCATION <b>ENGLEWOOD, KS</b>	DEPARTMENT <b>ZI</b>	JOB PURPOSE CODE <b>Cement Surface Casing</b>		
LEASE NAME <b>GARDINER</b>	Well No. <b>15#1</b>	SEC / TWP / RNG <b>15 - 34S - 24W</b>	HES FACILITY (CLOSEST TO WELL S) <b>LIBERAL, KS</b>	

HES EMP NAME/EMP # (EXPOSURE HOURS)	HRS	HES EMP NAME/EMP # (EXPOSURE HOURS)	HRS	HES EMP NAME/EMP # (EXPOSURE HOURS)	HRS	HES EMP NAME/EMP # (EXPOSURE HOURS)	HRS
Wiltshire, M 195811	5						
Chavez, E 3478815	5						
Brady, P 322238	5						
Davis, T 106304	2						

Chart No.	Time	Rate (BPM)	Volume (BBL/GAL)	Rate			Press. (PSI)	Job Description / Remarks
				NZ	CSG	1bg		
	1030							CALLED FOR JOB
	1400							ARRIVE ON LOCATION
	1415							PRE-JOB SAFTEY MEETING
	1430							SPOT EQUIPMENT
	1520							START CASING
	1625							CASING ON BOTTOM, CIRCULATE W/ RIG
	1651					2000		PRESSURE TEST
	1655	5.0	0-110			215		START LEAD 210 SKS (MIDCON PP) @ 11.4#
	1718	5.0	0-31			180		START TAIL 130 SKS (PREM PLUS) @ 14.8#
	1724	5.0	141.0			175		END CEMENT/// DROP TOP PLUG
	1724	5.0	0-28			125		START DISPLACEMENT (WATER)
	1727	5.0	16.0			155		DISPLACEMENT CAUGHT CEMENT
	1734	1.0	28-33			125		SLOW RATE// PUMP
	1744	1.0	33-38			145		PUMP
	1754	1.0	38-43			200		PUMP
	1802	1.0	43-48			200		PUMP
	1805	1.0	48.0			1000		BUMP PLUG/// FLOAT HELD
	1806							END JOB
						220		PRESSURE BEFORE LANDING PLUG
						YES		CIRCULATE CEMENT

**RECEIVED**  
**JUL 27 2005**  
**KCC WICHITA**

<b>HALLIBURTON JOB SUMMARY</b>		SALES ORDER NUMBER <b>3690940</b>	TICKET DATE <b>05/02/05</b>
REGION <b>Central Operations</b>	NWA / COUNTRY <b>Mid Contitnent/USA</b>	BDA / STATE <b>MC/Ks</b>	COUNTY <b>CLARK</b>
MBU ID / EMPL # <b>MCLI0110 / 217398</b>	H.E.S. EMPLOYEE NAME <b>Mickey Cochran</b>	PSL DEPARTMENT <b>Cement</b>	<b>ORIGINAL</b>
LOCATION <b>LIBERAL</b>	COMPANY <b>EOG RESOURCES</b>	CUSTOMER REP / PHONE <b>GARY BROCK</b>	
TICKET AMOUNT <b>\$12,153.27</b>	WELL TYPE <b>02 Gas</b>	API/UWI #	
WELL LOCATION <b>ENGLEWOOD, KS</b>	DEPARTMENT <b>ZI</b>	SAP BOMB NUMBER <b>7523</b>	Cement Production Casing
LEASE NAME <b>GARDINER</b>	Well No. <b>15#1</b>	SEC / TWP / RNG <b>15 - 34S - 24W</b>	HES FACILITY (CLOSEST TO WELL SITE) <b>Liberal, Ks</b>

HES EMP NAME / EMP # / (EXPOSURE HOURS)	HRS	HRS	HRS	HRS
<b>Cochran, M 217398</b>	10.5			
<b>Arnett, J 226667</b>	10.5			
<b>Montez, M 325346</b>	10.5			

H.E.S. UNIT #S / (R / T MILES)	R / T MILES	R / T MILES	R / T MILES	R / T MILES
<b>10547695</b>	<b>130</b>			
<b>10251401</b>	<b>130</b>			
<b>10244148/10286731</b>	<b>65</b>			

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
	<b>5/1/2005</b>	<b>5/1/2005</b>	<b>5/2/2005</b>	<b>5/2/2005</b>
Time	<b>2000</b>	<b>2300</b>	<b>0739</b>	<b>0827</b>

Type and Size	Qty	Make
Float Collar	1	H
Float Shoe	1	O
Centralizers	12	W
Top Plug	1	C
HEAD	1	H O
Limit clamp	1	O
Weld-A		W
Guide Shoe		C
BTM PLUG		O

	New/Used	Weight	Size	Grade	From	To	Max. Allow
Casing	NEW	10.5	4 1/2		0	5,900	
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  
 Perpac Balls \_\_\_\_\_ Qty.  
 Other \_\_\_\_\_  
 Other \_\_\_\_\_  
 Other \_\_\_\_\_  
 Other \_\_\_\_\_

Hours On Location		Operating Hours		Description of Job
Date	Hours	Date	Hours	
5/1	1.0	5/2	1.0	Cement Production Casing
5/2	9.5			
<b>Total</b>	<b>10.5</b>	<b>Total</b>	<b>1.0</b>	

Ordered \_\_\_\_\_  Hydraulic Horsepower \_\_\_\_\_ Used \_\_\_\_\_  
 Treating \_\_\_\_\_  Average Rates in BPM \_\_\_\_\_ Overall \_\_\_\_\_  
 Feet **44**  Cement Left in Pipe \_\_\_\_\_ Reason \_\_\_\_\_ **SHOE JOINT**

Stage	Sacks	Cement	Bulk/Sks	Additives	W/Rq.	Yield	Lbs/Gal
1	300	50/50 POZ PP		6# GILSONITE, 0.6% HALAD-322, 6% CAL-SEAL, 10% SALT,	7.31	1.63	13.50
2							
3							
4							

Summary			
Circulating Displacement	12.00	Type:	MUD FLUSH
Breakdown MAXIMUM		Pad:Bbl -Gal	
Lost Returns-)		Calc.Disp Bbl	
Cmt Rtrn#Bbl		Actual Disp.	93
Average Frac. Gradient		Disp:Bbl	
Shut In: Instant 5 Min.	15 Min	Cement Slurry Bbl	87.0
		Total Volume Bbl	192.00

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

**THE INFORMATION STATED HEREIN IS CORRECT**  
 CUSTOMER REPRESENTATIVE \_\_\_\_\_ SIGNATURE \_\_\_\_\_

CONFIDENTIAL

KCC  
JUL 25 2005

ORIGINAL

<b>HALLIBURTON JOB LOG</b>		<b>CONFIDENTIAL</b>	TICKET # <b>3690940</b>	TICKET DATE <b>05/02/05</b>
REGION <b>Central Operations</b>	MWA / COUNTRY <b>Mid Continent/USA</b>	BDA / STATE <b>MC/Ks</b>	COUNTY <b>CLARK</b>	
MBU ID / EMPL # <b>MCLI0110 / 217398</b>	H.E.S. EMPLOYEE NAME <b>Mickey Cochran</b>	PSL DEPARTMENT <b>Cement</b>		
LOCATION <b>LIBERAL</b>	COMPANY <b>EOG RESOURCES</b>	30	CUSTOMER REP / PHONE <b>GARY BROCK</b>	<b>1-580-651-0067</b>
TICKET AMOUNT <b>\$12,153.27</b>	WELL TYPE <b>02 Gas</b>	API/UMI #		
WELL LOCATION <b>ENGLEWOOD, KS</b>	DEPARTMENT <b>ZI</b>	JOB PURPOSE CODE <b>Cement Production Casing</b>		
LEASE NAME <b>GARDINER</b>	Well No. <b>15#1</b>	SEC / TWP / RNG <b>15 - 34S - 24W</b>	HES FACILITY (CLOSEST TO WELL S) <b>Liberal, Ks</b>	

HES EMP NAME/EMP # (EXPOSURE HOURS)	HRS	HES EMP NAME/EMP # (EXPOSURE HOURS)	HRS	HES EMP NAME/EMP # (EXPOSURE HOURS)	HRS	HES EMP NAME/EMP # (EXPOSURE HOURS)	HRS
Cochran, M 217398	11						
Arnett, J 226567	11						
Montez, M 325346	11						

Chart No.	Time	Rate (BPM)	Volume (BBL)(GAL)	Rate (N2)	Press. (PSI)			Job Description / Remarks
					CSG	Tbg		
	0000							JOB READY
5/1/2005	2000							CALLED FOR JOB
	2030							PRETRIP SAFETY MEETING
	2300							ARRIVE ON LOCATION
	2305							PREJOB SAFETY MEETING W/ HALLIBURTON CREW
	2310							SPOT EQUIPMENT
	2315							RIG UP EQUIPMENT
5/2/2005	0100							START CASING
	0640							CASING ON BOTTOM & CIRCULATE W/ RIG PUMP(S)
	0739					3500		PRESSURE TEST PUMPS & LINES
	0742	6.0	12.0			225		START MUD FLUSH
	0746	6.0	87.0			200		START CEMENT 300 SKS @ 13.5#
	0802							SHUT DOWN & WASH PUMP & LINES
	0804							DROP PLUG
	0809	7.0	0			50		START DISPLACEMENT W/ CHEMICALS
	0817	7.0	60.0			200		DISPLACEMENT CAUGHT CEMENT
	0821	2.0	83.0			550		SLOW RATE
	0826	2.0	93.0			1600		BUMP PLUG
	0827					0		RELEASE -- FLOATS HELD
	0827							END JOB
						750		PRESSURE BEFORE PLUG LANDED
<p><b>RECEIVED</b> <b>JUL 27 2005</b> <b>KCC WICHITA</b></p>								
<p>THANK YOU FOR CALLING HALLIBURTON MICKEY &amp; CREW</p>								