

WELL COMPLETION FORM

WELL HISTORY - DESCRIPTION OF WELL & LEASE

ORIGINAL

Operator: License # 5278 **CONFIDENTIAL**

Name: EOG Resources, Inc.

Address 3817 NW Expressway, Suite 500

City/State/Zip Oklahoma City, Oklahoma 73112

Purchaser: DUKE ENERGY FIELD SERVICES

Operator Contact Person: DARA TATUM

Phone (405) 246-3244

Contractor: Name: BIG A DRILLING

License: 31572

Wellsite Geologist: N/A

Designate Type of Completion

New Well Re-Entry Workover

Oil SWD SIOW Temp. Abd.

Gas ENHR SIGW

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

If Workover/Reentry: 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>7/12/05</u>	<u>7/22/05</u>	<u>8/30/05</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API NO. 15- 025-21303-00-00

County CLARK

NE NW NW Sec. 36 Twp. 34 S. R. 24 E W

330 Feet from S(N) (circle one) Line of Section

990 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 Well # 36 #2

Field Name WILDCAT

Producing Formation CHESTER

Elevation: Ground 1906 Kelley Bushing 1918

Total Depth 5942 Plug Back Total Depth 5850

Amount of Surface Pipe Set and Cemented at 798 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 cm.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

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. _____ E W

County _____ Docket No. _____

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WICHITA, KS

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 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 Dara Tatum

Title SENIOR REGULATORY ADMINISTRATOR Date 11/8/05

Subscribed and sworn to before me this 9th day of NOVEMBER

20 05

Notary Public Heather Nealsen

Date Commission Expires 4-26-08



KCC Office Use ONLY

YES

Letter of Confidentiality Attached

If Denied, Yes Date: _____

Wireline Log Received

Geologist Report Received

UIC Distribution

Operator Name EOG RESOURCES, INC.

Lease Name GARDINER

Well # 36 #2

Sec. 36 Twp. 34 S.R. 24 East West

County CLARK

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem 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 during test. 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.) Yes No
 Samples Sent to Geological Survey Yes No
 Cores Taken Yes No
 Electric Log Run (Submit Copy.) Yes No

Log Formation (Top), Depth and Datums Sample
 Name Top Datum

SEE ATTACHED SHEET

List All E.Logs Run:

SPECTRAL DENSITY DUAL SPACED NEUTRON MICROLOG, MICROLOG, SPECTRAL DENSITY DUAL SPACED NEUTRON, HIGH RESOLUTION INDUCTION LOG, MUDLOG

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
CONDUCTOR	17 1/2	13 3/8	48	228	PP	300	2%OC 1/4 FLOC
SURFACE	12 1/4	8 5/8	24	798	MDCN PP& PP	570	SEE OMT TTX
PRODUCTION	7 7/8	4 1/2	10.5	5928	50/50POZ PP	200	SEE OMT TTX

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	5516-5536	6740#'S 20/40SD. 23940 G. 15% GEL	5516-5536
		NE FE HCL, 53970 G. KCL WIR	

TUBING RECORD		Size	Set At	Packer At	Liner Run
		2 3/8	5503		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Enhr.			Producing Method		
8/30/05			<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
9/1/05	0	872	52	N/A	N/A

Disposition of Gas: Vented Sold Used on Lease Open Hole Perforation Dually Comp. Commingled Other (Specify) _____

(If vented, submit ACO-18.)

CONFIDENTIAL

1002 A		
Well Name : Gardiner 36 #2		
FORMATION	TOP	DATUM
chase	2315	397
council grove	2790	872
wabaunsee	3290	1372
base of heebner	4250	2332
lansing	4435	2517
stark	4950	3032
cherokee	5240	3322
atoka	5480	3562
st. genevieve	5820	3902

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HALLIBURTON JOB SUMMARY

REGION Central Operations	NWA / COUNTRY Mid Continent/USA	SALES ORDER NUMBER 3821421	TICKET DATE 07/12/05
WELL ID / EMPL # MCL10101 106036	H.E.S. EMPLOYEE NAME Bob Smith	BDA / STATE MC/Ks	COUNTY CLARK
LOCATION LIBERAL	COMPANY EKG RESOURCES	PSL DEPARTMENT Cement	CUSTOMER REP / PHONE DANNY RAUH 1-580-651-0067
TICKET AMOUNT \$9,869.10	WELL TYPE 01 Oil	API/WMI #	SAP BOMB NUMBER 14161
WELL LOCATION Englewood, ks	DEPARTMENT Cement	HES FACILITY (CLOSEST TO WELL SITE) Liberal Ks	
LEASE NAME GARDINER	Well No. 36#2	SEC / TWP / RNG 36 - 34S - 24W	

HES EMP NAME / EMP # / (EXPOSURE HOURS)	HRS	HRS	HRS	HRS
Smith, B 106036	12.0			
Arnett, J 228667	12.0			
Berumen, E 267804	12.0			

H.E.S. UNIT #S / (R / T MILES)	R / T MILES	R / T MILES	R / T MILES	R / T MILES
10547695	130			
10251401	130			
10244148/10011278	65			

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
	7/12/2005	7/12/2005	7/13/2005	7/13/2005
Time	1700	2000	0256	0320

Type and Size	Qty	Make
insert 13 3/8	1	Howco
basket 13 3/8	1	Howco
Centralizers 13 3/8	1	Howco
Top Plug 13 3/8		Howco
HEAD 13 3/8		Howco
Limit clamp 13 3/8	1	Howco
Weld-A 13 3/8	1	Howco
Guide Shoe 13 3/8		Howco
BTM PLUG 13 3/8		Howco

	New/Used	Weight	Size	Grade	From	To	Max. Allow
Casing		48#	13 3/8"		0	220	
Liner							
Liner							
Tubing							
Drill Pipe							
Open Hole			17 1/2'				Shots/Ft.
Perforations							
Perforations							
Perforations							

Material	Density	Lb/Gal
Mud Type		
Disp. Fluid		
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		
Other		

Hours On Location	Operating Hours	Description of Job
Date: 7/12 Hours: 7.0	Date: 7/13 Hours: 0.5	Cement Conductor Casing
Date: 7/13 Hours: 5.0		
Total: 12.0	Total: 0.5	

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Ordered	Hydraulic Horsepower Avail.	WICHITA, KS Used
Treating	Average Rates in BPM	Overall
Feet	Cement Left in Pipe	Reason
		SHOE JOINT

Stage	Sacks	Cement	Bulk/Sks	Additives	W/Rq.	Yield	Lbs/Gal
1	300	PREM PLUS		2% CC - 1/4# FLOCELE	6.33	1.34	14.80
2							
3							
4							

Summary			
Circulating Breakdown	Displacement	Preflush: BBI	Type:
Lost Returns	MAXIMUM	Load & Bkdn: Gal - BBI	Pad:Bbl -Gal
Cmt Rtn#Bbl	Actual TOC	Excess /Return BBI	Calc.Disp Bbl 25
Average	Frac. Gradient	Calc. TOC:	Actual Disp. 25
Shut In: Instant	5 Min. 15 Min.	Treatment: Gal - BBI	Disp:Bbl
		Cement Slurry BBI	
		Total Volume BBI	71.5
			96.60

THE INFORMATION STATED HEREIN IS CORRECT
 CUSTOMER REPRESENTATIVE *[Signature]* SIGNATURE

HALLIBURTON JOB LOG		TICKET # 3821421	TICKET DATE 07/12/05
REGION Central Operations	NWA / COUNTRY Mid Contintent/USA	BDA / STATE MC/Ks	COUNTY CLARK
MBU ID / EMPL # MCLI0101 106036	H.E.S EMPLOYEE NAME Bob Smith	PSL DEPARTMENT Cement	CUSTOMER REP / PHONE DANNY RAUH 1-580-651-0067
LOCATION LIBERAL	COMPANY EOG RESOURCES	WELL TYPE 01 Oil	WELL #
TICKET AMOUNT \$9,869.10	DEPARTMENT Cement	JOB PURPOSE CODE Cement Conductor Casing	
WELL LOCATION Englewood, ks	SEC / TWP / RNG 36 - 34S - 24W	FACILITY (CLOSEST TO WELL #) Liberal Ks	
LEASE NAME GARDINER	Well No. 36#2		

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
Smith, B 106036	12						
Arnett, J 228587	12						
Berumen, E 267804	12						

Chan No.	Time	Rate (BPM)	Volume (GAL)	Rate		Press (PSI)	Job Description / Remarks
				12	15		
	1700						called for job
	1755						pretrip safety meeting
	2000						on location spot Halliburton trucks
	2000						rig is drilling
	2200						rig pulling drill pipe
	2230						drill pipe out of hole. Rig up casing crew.
	2300						casing going in hole
	0200						casing on bottom. Circulate well
	0200						rig down casing crew
	0230						hold location safety meeting
	0245						rig up floor
	0256						start job
	0256				2000		pressure test lines (burst 1730)(kick outs 1000)
	0257	6.0	71.8		150		start mixing and pumping cement @ 14.8 ppg 300 sx
	0311	6.0	0		150		start displacement
	0313	6.0	8.0		175		cement to surface
	0314	2.0	20.0		125		slow down rate
	0317	2.0	25.0		125		displacement to insert. Shut down
	0319				125		float held. End job
	0320						hold post job safety meeting and rig down

THANK YOU FOR CALLING HALLIBURTON
BOB SMITH AND CREW

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WICHITA KS

HALLIBURTON JOB SUMMARY

SALES ORDER NUMBER **3824593**

TICKET DATE **07/13/05**

REGION Central Operations	NWA / COUNTRY Mid Contitnent/USA	BDA / STATE MC/Ks	COUNTY CLARK
MBU ID / EMPL # MCIL 0110 / 198516	H.E.S. EMPLOYEE NAME JASON CLEMENS	PSL DEPARTMENT Cement	
LOCATION LIBERAL	COMPANY EOG RESOURCES	CUSTOMER REP / PHONE 30212 DANNY RAUH	1-580-651-0067
TICKET AMOUNT \$12,818.55	WELL TYPE 01 Oil	API/WVI #	
WELL LOCATION ENGLEWOOD	DEPARTMENT ZI	SAP BOMB NUMBER 7521	Cement Surface Casing
LEASE NAME GARDINER	Well No. 36#2	SEC / TWP / RNG	HES FACILITY (CLOSEST TO WELL SITE) LIBERAL, KS

HES EMP NAME / EMP # / (EXPOSURE HOURS)	HRS	HRS	HRS	HRS
Clemens, A 198616	17.0	Montez, M 326348	8.0	
Martin, J 317927	17.0			
Chavez, E 3478816	17.0			
Ferguson, R 106154	4.0			

H.E.S. UNIT #S / (R / T MILES)	R / T MILES	R / T MILES	R / T MILES	R / T MILES
10547690	130			
10251403	130			
10240236-10240245	65			
10011392-10011591	65			

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
	7/13/2005	7/13/2005	7/13/2005	7/14/2005
Time	1530	1930	2227	1200

Tools and Accessories

Type and Size	Qty	Make
Float Collar	1	H
Float Shoe		O
Centralizers	3	W
Top Plug	1	C
HEAD	1	H O
Limit clamp	1	O
Weld-A		W
Guide Shoe	1	TIGER C
BTM PLUG		O

Well Data

New/Used	Weight	Size	Grade	From	To	Max. Allow
Casing	NEW	24#	8 5/8"	0	802	
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		
Other		

Hours On Location

Date	Hours
7/13	4.5
7/14	12.0
Total:	16.5

Operating Hours

Date	Hours
7/13	1.5
7/14	2.0
Total:	3.5

Description of Job
Cement Surface Casing

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 WICHITA, KS

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

Cement Data

Stage	Sacks	Cement	Bulk/Sks	Additives	W/Rq.	Yield	Lbs/Gal
1	210	MIDCON PP		3% CC - 1/4# FLOCELE - .1% FWCA	18.04	2.93	11.40
2	180	PREM PLUS		2% CC - 1/4# FLOCELE	6.30	1.34	14.80
3	80	PREM PLUS		2% CC	6.30	1.34	14.80
4	100	PREM G		NEAT W// 2% ON SIDE	6.30	1.34	14.80

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.
Average	Frac. Gradient	Treatment:	Gal - BBI	Disp:Bbl
Shut In: Instant	5 Min. 15 Min.	Cement Slurry	BBI	
		Total Volume	BBI	
				48
				153.0
				201.00

Frac Ring #1 _____ Frac Ring #2 _____ Frac Ring #3 _____ Frac Ring #4 _____

THE INFORMATION STATED HEREIN IS CORRECT
 CUSTOMER REPRESENTATIVE _____
 SIGNATURE *Del Passij*

HALLIBURTON JOB LOG			TICKET # 3824593	TICKET DATE 07/13/05
REGION Central Operations	NWA / COUNTRY Mid Contitnent/USA	BDA / STATE MC/Ks	COUNTY CLARK	
MBU ID / EMPL # MCIL 0110 / 198516	H.E.S. EMPLOYEE NAME JASON CLEMENS	PSL DEPARTMENT Cement		
LOCATION LIBERAL	COMPANY EOG RESOURCES	CUSTOMER REP / PHONE 30 DANNY RAUH	1-580-651-0067	
TICKET AMOUNT \$12,818.55	WELL TYPE 01 Oil	API/UMI #		
WELL LOCATION ENGLEWOOD	DEPARTMENT ZI	JOB PURPOSE CODE Cement Surface Casing		
LEASE NAME GARDINER	Well No. 36#2	SEC / TWP / RNG	HES FACILITY (CLOSEST TO WELL) LIBERAL, KS	

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
Clemens, A 198516	17	Montez, M 325346	8				
Martin, J 317927	17						
Chavez, E 3478815	17						
Ferguson, R 106154	4						

Chart No.	Time	Rate (BPM)	Volume (BBL/GAL)	Rate			Press. (PSI)	Job Description / Remarks
				N2	O60	15g		
7-13-05	1530							CALLED FOR JOB
	1900							ARRIVE ON LOCATION
	1915							PRE-JOB SAFETY MEETING
	1930							SPOT EQUIPMENT
	2000							START CASING
	2145							CASING ON BOTTOM, TRY TO CIRCULATE..NO CIR.
	2227					1500		PRESSURE TEST
	2232	2.0	0-110			0		START LEAD 210 SKS (MIDCON PP) MIXED @ 11.4#
	2320	2.0	0-43			0		START TAIL 180 SKS (PREM PLUS) MIXED @ 14.8#
	2351	2.0				0		END CEMENT
	2351							DROP PLUG
	2352	4.0	0-48			0-175		START DISPLACEMENT
		2.0						PUMP DISPLACEMENT W/ NO RETURNS
7-14-05	0019	2.0				600		LAND PLUG /// FLOAT DID NOT HOLD
	0022					300		SHUT IN WELL
								CALL FOR TOP OUT CEMENT
								WAIT ON CEMENT
	0500							RUN 1IN.
	0548	2.0	0-5			500		6BBL H2O AHEAD OF CEMENT
	0557	2.0	0-19			500		START 80 SKS (PREM PLUS) MIXED @ 14.8#
	0610	2.0	19.0			500		END CEMENT
								WAIT FOR PEA GRAVEL // AND ON CEMENT
	1125							RUN 1IN
	1127	2.0	0-5			500		PUMP 5 BBL H2O
	1130	2.0	0-23			500		START 100 SKS (PREM G) MIXED @ 14.8#
	1142	2.0	12.0			500		PUMPED 12 BBL CIRCULATED CEMENT
	1150	2.0	20.0			500		FINISH PUMPING CEMENT
	1200							END JOB

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HALLIBURTON JOB SUMMARY

SALES ORDER NUMBER 3839319	TICKET DATE 07/21/05
BDA / STATE MC / KS	COUNTY CLARK
PSL DEPARTMENT ZI / CEMENT	CUSTOMER REP / PHONE DALE 580-651-1491
API/WT #	
SAP BOMB NUMBER 7523	Description Cement Production Casing
HES FACILITY (CLOSEST TO WELL SITE) LIBERAL	

REGION NORTH AMERICA LAND	NWA / COUNTRY Central / USA
MRU ID / EMPL # MCL/IO104 217398	H.E.S. EMPLOYEE NAME Mickey Cochran
LOCATION LIBERAL	COMPANY EOG RESOURCES 302122
TICKET AMOUNT \$9,909.62	WELL TYPE GAS
WELL LOCATION ENGLEWOOD, KS	DEPARTMENT CEMENT
LEASE NAME GARDINER 2436528	Well No. 36#2
	SEC / TWP / RNG

HES EMP NAME / EMP # / (EXPOSURE HOURS)	HRS	HRS	HRS	HRS
Cochran, M 217398	11.0			
Beasley, J 298920	11.0			
Ferguson, R 106154	11.0			

H.E.S. UNIT #S / (R / T MILES)	R / T MILES	R / T MILES	R / T MILES	R / T MILES
10441883	130			
10589601	130			
10240236/12040245	65			

Form. Name _____ Type: _____
 Form. Thickness _____ From _____ To _____
 Packer Type _____ Set At _____
 Bottom Hole Temp. _____ Pressure _____
 Retainer Depth _____ Total Depth **5900 FT**

Date	Called Out	On Location	Job Started	Job Completed
	7/21/2005	7/21/2005	7/22/2005	7/22/2005
Time	1230	1630	0121	0203

Tools and Accessories

Type and Size	Qty	Make
Float Collar	1	H
Float Shoe	1	O
Centralizers	15	W
Top Plug	1	C
HEAD	1	H O
Limit clamp	1	O
Weld-A	1	W
Guide Shoe		C
BTM PLUG		O

Well Data

	New/Used	Weight	Size	Grade	From	To	Max. Allow
Casing	NEW	10.5	4 1/2		KB	5,932	
Liner							
Liner							
Tubing							
Drill Pipe							
Open Hole			7 7/8			5,942	Shots/Ft.
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		
Other		

Hours On Location

Date	Hours
7/21	7.5
7/22	3.5
Total	11.0

Operating Hours

Date	Hours
7/22	1.0
Total	1.0

Description of Job
 Cement Production Casing
 SEE JOB PROCEDURE
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Hydraulic Horsepower _____
 Ordered _____ Avail. _____ Used _____
Average Rates in BPM
 Treating _____ Disp. _____ Overall _____
Cement Left in Pipe
 Feet **45** Reason **SHOE JOINT**

Cement Data

Stage	Sacks	Cement	Additives	W/Rq.	Yield	Lbs/Gal
1	200	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 Breakdown	Displacement	Preflush: BBI	12.00	Type: MUD FLUSH
Lost Returns-YES	MAXIMUM	Load & Bkdn: Gal - BBI		Pad:Bbl -Gal
Cmt Rtrn#Bbl	Lost Returns-NO	Excess /Return BBI		Calc.Disp Bbl
Average	Actual TOC	Calc. TOC:		Actual Disp. 94
Shut In: Instant	Frac. Gradient	Treatment: Gal - BBI		Disp:Bbl
	5 Min. 15 Min.	Cement Slurry: BBI	58.0	
		Total Volume BBI	164	

Frac Ring #1 _____ Frac Ring #2 _____ Frac Ring #3 _____ Frac Ring #4 _____

THE INFORMATION STATED HEREIN IS CORRECT
 CUSTOMER REPRESENTATIVE _____

 SIGNATURE

HALLIBURTON JOB LOG				TICKET # 3839319	TICKET DATE 07/21/05
REGION NORTH AMERICA LAND		NWA / COUNTRY Central / USA		BDA / STATE MC / KS	COUNTY CLARK
MBU ID / EMPL # MCL/IO104 217398		H.E.S EMPLOYEE NAME Mickey Cochran		PSL DEPARTMENT ZI / CEMENT	
LOCATION LIBERAL		COMPANY EOG RESOURCES		30212	CUSTOMER REP / PHONE DALE 580-651-1491
TICKET AMOUNT \$9,909.62		WELL TYPE GAS		API/WI #	
WELL LOCATION ENGLEWOOD, KS		DEPARTMENT CEMENT		JOB PURPOSE CODE Cement Production Casing	
LEASE NAME GARDINER		Well No. 36#2	SEC / TWP / RNG		HES FACILITY (CLOSEST TO WELL'S) LIBERAL

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						
Beasley, J 299920	11						
Ferguson, R 106154	11						

Chart No.	Time	Rate (BPM)	Volume (BBL/GAL)	Rate			Job Description / Remarks
				NZ	CSG.	Tbg	
	1700						JOB READY
	1300						PRETRIP SAFETY MEETING
	1630						ARRIVE ON LOCATION
	1640						PREJOB SAFETY MEETING W/ HALLIBURTON CREW
	1645						SPOT EQUIPMENT
	1650						RIG UP EQUIPMENT
	1845						START CASING
	2320						CASING ON BOTTOM & CIRCULATE W/ RIG PUMP(S)
	0121				2500		PRESSURE TEST PUMPS & LINES
	0123	7.0	12.0		250		START MUD FLUSH AHEAD
	0127	7.0	58.0		300		START CEMENT 200 SKS @ 13.5#
	0138						SHUT DOWN & WASH PUMP & LINES
	0139						DROP PLUG
	0143	6.5	0		80		START DISPLACEMENT W/ CHEMICALS
	0153	6.5	65.0		200		DISPLACEMENT CAUGHT CEMENT
	0156	2.0	84.0		400		SLOW RATE
	0202	2.0	94.0		1300		BUMP PLUG
	0203		94.0		0		RELEASE — FLOATS HELD
	0203						END JOB
					600		PRESSURE BEFORE PLUG LANDED
RECEIVED KANSAS CORPORATION COMMISSION NOV 10 2005 CONSERVATION DIVISION WICHITA, KS							
THANK YOU FOR CALLING HALLIBURTON CHESTER AND CREW							