# CONFIDENTIAL

**Date Commission Expires** 

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

# ORIGINAL

Form ACO-1 September 1999 Form must be Typed

# WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

7/10/

Operator: License # 5278  Name: EOG RESOURCES, INC.	API NO. 15- <u>189-22648-0000</u> County <u>STEVENS</u>
Address 3817 NW EXPRESSWAY, SUITE 500	
	NF - NW - SW - NF Sec. 30 Twp. 31 S. R. 35 EX
City/State/Zip OKLAHOMA CITY, OKLAHOMA 73112	1515 Feet from SIN (circle one) Line of Section
Purchaser:	2115 Feet from E/V (circle one) Line of Section
Operator Contact Person: DIANA THOMPSON	Footages Calculated from Nearest Outside Section Corner:
Phone (405) 246-3196	(circle one) , NE SE NW SW
Contractor: Name: KENAI MID-CONTINENT INC.	Lease Name SHIRLEY Well # 30 #1
License: 34000	Field NameCAVE_WEST
Wellsite Geologist: CONFIDENTIAL	Producing Formation
Designate Type of Completion JUL 1 0 2008	Elevation: Ground 3035' Kelley Bushing 3047'
X New Well Re-Entry Workgyer	Total Depth 6400' Plug Back Total Depth SURFACE
Oil SWD SIOWTemp. Abd.	Amount of Surface Pipe Set and Cemented at 1641 Feet
Gas ENHR SIGW	Multiple Stage Cementing Collar Used? Yes X No
	If yes, show depth set Feet
If Workover/Reentry: Old Well Info as follows:	If Alternate II completion, cement circulated from
Operator:	feet depth tow/sx cmt.
Well Name:Original Total Depth	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)
Deepening Re-perf Conv. to Enhr./SWD	Chloride content 4000 ppm Fluid volume 1000 bbls
Plug Back ———— Plug Back Total Depth	Dewatering method used <u>EVAPORATION</u>
Commingled Docket No	Location of fluid disposal if hauled offsite:
Dual Completion Docket No	Operator Name
Other (SWD or Enhr?) Docket No	Lease NameLicense No
<u>5/18/2008</u> <u>5/25/2008</u> P&A 'd	QuarterSecTwpS REV
Spud Date or Date Reached TD Completion Date or Recompletion Date	County Docket No
Kansas 67202, within 120 days of the spud date, recompletion, wo Information on side two of this form will be held confidential for a per 82-3-107 for confidentiality in excess of 12 months). One copy of all CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with All requirements of the statutes, rules and regulations promulgated herein are complete and correct to the best of my knowledge.  Signature  Title SR. REGULATORY OPERATIONS ASSISTANT  Date 2019  Subscribed and swom to before me this	rith the Kansas Corporation Commission, 130 S. MarkeT - Room 2078, Wichita, rkover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Find of 12 months if requested in writing and submitted with the form (see rule wireline logs and geologist well report shall be attached with this form. ALL plugged wells. Submit CP-111 form with all temporarily abandoned wells.  Related to a submit CP-111 form with all temporarily abandoned wells.  RECEIVED  KCC Office Use ONLY  Letter of Confidentiality Attached  If Denied, Yes Date:  Wireline Log Received
Notary Public hells Jostoney	OKLANINI Geologist Report Received

CONSERVATION DIVISION WICHITA, KS

**UIC Distribution** 

Side Two

ORIGINAL

Operator Name EOG RESOURCES, INC. Lease Name SHIRLEY County STEVENS Sec. 30 Twp. 31 S.R. 35 East X West 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. Yes **Drill Stem Tests Taken** X No X Log Formation (Top), Depth and Datums Sample (Attach Additional Sheets.) Name Top Datum X Yes ∏ No Samples Sent to Geological Survey ☐ Yes X No Cores Taken SEE ATTACHED Electric Log Run (Submit Copy.) X Yes List All E.Logs Run: ARRAY COMPENSATED RESISTIVITY LOG, SONIC LOG METERIA. MICROLOG, SPECTRAL DENSITY DUAL SPACED NEUTRON MICROLOG, SPECTRAL DENSITY DUAL SPACED NEUTRON Min ha LOG CASING RECORD X New ☐ Used Report all strings set-conductor, surface, intermediate, production, etc. Purpose of String Size Hole Size Casing Weight Setting # Sacks Type of Type and Percent Drilled Set (In O.D.) Lbs./Ft. Depth Cement Used **Additives SURFACE** 24# 12 1/4" 8 5/8" 1641' MIDCON2 PRE 300 SEE ATTACHED PREM PLUS SEE ATTACHED 180 ADDITIONAL CEMENTING/SQUEEZE RECORD Purpose Depth Type of Cement **#Sacks Used** Type and Percent Additives Perforate **Protect Casing** Plug Back TD Plug Off Zone Acid, Fracture, Shot, Cement Sqeeze Record PERFORATION RECORD - Bridge Plugs Set/Type Shots Per Foot Specify Footage of Each Interval Perforated (Amount and Kind of Material Used) Depth TUBING RECORD Size Set At Packer At Liner Run ☐ Yes 💢 No Producing Method Date of First, Resumed Production, SWD or Enhr. Flowing Dumping Gas Lift Other (Explain) D&A'd **Estimated Production** Bbls. Gas-Oil Ratio Gravity Per 24 Hours Disposition of Gas: METHOD OF COMPLETION Production Interval Open Hole Perforation Dually Comp. Commingled ☐ Vented ☐ Sold Used on Lease PLUGGED AND ABANDONED (If vented, submit ACO-18.) Other (Specify)

ACO-1 Completion Report										
Well Name : SHIRLEY 30 # 1										
FORMATION TOP DATU										
WABAUNSEE	3324	-277								
BASE OF HEEBNER	4150	-1103								
LANSING	4278	-1231								
KANSAS CITY	4768	-1721								
MARMATON	4906	-1859								
CHEROKEE	5108	-2061								
ATOKA	5475	-2428								
MORROW	5550	-2503								
ST GENEVIEVE	• 6118	-3071								

CONFIDENTIAL JUL 1 0 2008 KCC

RECEIVED KANSAS CORPORATION COMMISSION

JUL 1 1 2008

CONSERVATION DIVISION WICHITA, KS

## Cementing Job Summary

The Road to Excellence Starts with Safety Sold To #: 348223 Quote #: **Ship To #**: 2653065 Sales Order #: 5897920 **Customer: EOG RESOURCES INC EBUSINESS** Customer Rep: BROCK, GARY API/UWI #: Well Name: Shirley Well #: 30#1 City (SAP): MOSCOW County/Parish: Seward Field: State: Kansas Contractor: ABERCROMBIE Rig/Platform Name/Num: 5 Job Purpose: Cement Surface Casing Well Type: Development Well Job Type: Cement Surface Casing Sales Person: BLAKEY, JOSEPH Srvc Supervisor: HUTCHESON, RICKY MBU ID Emp #: 428969 Job Personnel **HES Emp Name** Exp Hrs Emp# **HES Emp Name** Exp Hrs Emp# **HES Emp Name** Exp Hrs Emp# DEETZ, DONALD E 8.5 389855 HUTCHESON, RICKY 8.5 428969 MIGUEL, GREGORIO 8.5 442124 G Pedro VASQUEZ-GIRON. 8.5 404692 VICTOR Equipment HES Unit # Distance-1 way **HES Unit #** Distance-1 way **HES Unit#** Distance-1 way **HES Unit #** Distance-1 way 10010921C 30 mile 10240236 10240245 30 mile 10897857 30 mile 30 mile 10949718 54218 30 mile 30 mile 6610U 30 mile D0312 30 mile CUNFIDENTIATION Hours Date On Location **Date** On Location Operating Operating Date On Location Operating Hours Hours Hours Hours Hours 5-19-08 8.5 2 TOTAL Total is the sum of each column separately Job Times Job - -Formation Name Date Time **Time Zone** Formation Depth (MD) Top Bottom Called Out 19 - May - 2008 09:00 CST Form Type BHST On Location 19 - May - 2008 13:30 CST Job Depth TVD Job depth MD 1645. ft 1645. ft Job Started 19 - May - 2008 19:42 CST 19 - May - 2008 Water Depth Wk Ht Above Floor 3. ft Job Completed 21:24 CST Perforation Depth (MD) From To Departed Loc 19 - May - 2008 22:30 CST **Well Data** Weight Description Max Size ID Thread Grade Top MD Bottom New / Top **Bottom** Used pressure in lbm/ft ft MD TVD TVD ft ft psig ft Surface Hole 12.25 1700. Surface Casing Unknow 8.625 8.097 24. 1624.7 Sales/Rental/3<sup>rd</sup> Party (HES) Description Qty Qty uom Depth Supplier SHOE, CSG, TIGER TOOTH, 8 5/8 IN 8RD EA RECEIVED KANSAS CORPORATION COMMISSION VLVASSY,INSR FLOAT,8-5/8 8RD, 24 lbs/ft 1 EΑ FILLUP ASSY - 1.500 ID - 7 IN. - 8-5/8 EΑ 1 JUL 1 1 2008 9 CENTRALIZER ASSY - API - 8-5/8 CSG X EA 2 CLP,LIM,8 5/8,FRICT,WTH DOGS EΑ CONSERVATION DIVISION BASKET - CEMENT - 8 5/8 CSG X 12 1/4 1 ËΑ WICHITA, KS PLUG,CMTG,TOP,8 5/8,HWE,7.20 MIN/8.09 MA 1 EA Tools and Accessories Make Depth Size Make Depth **Type Type** Size Qtv Type Size Qty Make Guide Shoe 8 5/8 Н Packer Top Plug 8 5/8 1 H Float Shoe Bridge Plug **Bottom Plug** Float Collar Retainer SSR plug set Insert Float | 8 5/8 Н Plug Container 8 5/8 H Centralizers 8 5/8 9 H Stage Tool

7.20.130

Summit Version:

Monday, May 19, 2008 22:08:00

## Cementing Job Summary

Gellin	g Agt		Conc	Su	rfactant	9	Conc	Acid	Type		Qty	Cor	nc 9
Freatr	nent Fld		Conc	Int	nibitor	1 1	Conc		d Type		Size	Qty	
100	Time years		A STATE OF THE STA		<b>F</b> I	luid Data			SW.		g v	<u> </u>	
S	tage/Plug	j #: 1			4 4	-12 18:45 X	hwa.		1.76 Sept. 12	5.4.4	Part 184	10-11-14	
Fluid #				luid Name		Qty	Qty uom	Mixing Density Ibm/gal	Yield ft3/sk	Mix Fluid Gal/sk	Rate bbl/min	Total Fluid (	
1	Lead Ce		MIDCON-2 CEN SBM (15079)	IENT PREI	WIUM PLUS	- 300.0	sacks	11.4	2.96	18.14		18.	14
	3 %		CALCIUM CHL	ORIDE - HI	TEST PELLE	T (1000050	053)			<del>-  </del>		<u> </u>	
	0.25 lbm	1	POLY-E-FLAKE	(10121694	0)	4					· · · · · · · · · · · · · · · · · · ·		<del></del>
	0.1 %		WG-17, 50 LB S	K (1000036	523)	ij		*·-					
	18.138 G	al	FRESH WATER	*	· · · · · ·	(f	·		<del></del>	· · · · · · · · · · · · · · · · · · ·		*****	
?	Tail Cem	ent	CMT - PREMIU (100012205)	W PLUS CE	MENT	180.0	sacks	14.8	1.34	6.32		6.3	32
	94 lbm		CMT - PREMIUI	MPLUS - C	LASS C REG	OR TYPE	III, BUL	K (1000122	(05)	-1	<del></del>		
	6.324 Ga	l	FRESH WATER			3							
	2 %		CALCIUM CHLC	RIDE - HI	TESTARELLE	T (4000050	53)						
	0.25 lbm		POLY-E-FLAKE	(10121694	O)'OINI IDE	INITAL							
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	Cement	SURFA				nt Returns	30	Actual Dis			Treatm	ent	
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	ating	6	Mixi		6	Displac	ement	6		Avg. Jo	<b>b</b>	6	
	ent Left in		Amount 41.12		Shoe Joint	Te		Г	T				,
rac H	ling # 1 @		D Frac rin	g # 2 @	ID	Frac Ring			<u> </u>	rac Ring #	4@	ID	
Th	e Inform	ation	Stated Hereir	ı Is Corre	Custo	mer Represe	entative S	ignature					

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JUL 1 1 2008

CONSERVATION DIVISION WICHITA, KS

Summit Version: 7.20.130

Monday, May 19, 2008 22:08:00

## Cementing Job Log

The Road to Excellence Starts with Safety

Sold To #: 348223		Quote #: Sales Order #: 5897920						
Customer: EOG RESOURCES	INC EBUSINES			Custom	er Rep: BF	ROCK, G	ARY	
Well Name: Shirley			<b>!:</b> 30#1	i	·	AP	I/UWI #:	
	(SAP): MOSCO	w c	County/F	Parish: S	Seward		State	: Kansas
Legal Description:			· · · · · · · · · · · · · · · · · · ·	ţi.				
Lat:				_ong:		·		
Contractor: ABERCROMBIE		atform	Name/N	lum: 5				
Job Purpose: Cement Surface	Casing			1		Ticket	Amount	
Well Type: Development Well				irface Ca				
Sales Person: BLAKEY, JOSEI		Supervi	sor: HU	TCHESO	ON, RICKY	MBU II	) Emp #:	428969
		· 17-700	Rate	To the	lume		sure -	
Activity Description	Date/Time	Cht	"bbl/"			p	sig 🔭	Comments
A STATE OF THE STA			min	I A STORY			VE TO THE	[27-53 65 Per 19 18 18 18 18 18 18 18 18 18 18 18 18 18
A CONTRACTOR OF THE PROPERTY O		# #	(200	Stage	Total	Tubing	Casing	The State of the
Arrive At Loc	05/19/2008	1		ă b				
Dro Joh Cofete Markins	13:30	<b> </b>	ļ					
Pre-Job Safety Meeting	05/19/2008 13:40	1		31				1
Start In Hole	05/19/2008	ANEI	CRITIE	0	-			
Clare III Flore	16:59	UNTIL	FIAIR	) Marie				
Casing on Bottom	05/19/2008	JUL	0 2000	<u> </u>	1			
outing on Louisin	19:15	30-		:				
Circulate Well	05/19/2008	K	CC	1		···		
	19:20	1 "	) <b>(</b>	3				
Start Job	05/19/2008			1				
	19:42				<u> </u>			
Test Lines	05/19/2008			1				test lines to 2000 psi
	19:43							•
Pump Lead Cement	05/19/2008		6	158	158	İ	75.0	158 bbls @ 11.4
D T-11 O	19:46							
Pump Tail Cement	05/19/2008 20:27		6	43	201		135.0	43 bbls @ 14.8
Drop Top Plug	05/19/2008			:				
brop rop riag	20:34			3		1		
Pump Displacement	05/19/2008		6	102	303		300.0	. 102 bbls water, staged
	20:36			i i i			500.0	last 20 bbls @ 2 bpm.
Bump Plug	05/19/2008			)				ran psi to 1100 psi. plug
	21:18			1				did not hold. shut in for 4
				ıł.				hours.
End Job	05/19/2008		1	0				
	21:24							
Pre-Rig Down Safety Meeting	05/19/2008			#! 			l	
Dia Doum Equipment	21:30			RE	CEIVED			
Rig-Down Equipment	05/19/2008 21:35		NA.	NOMO CUKP	ORATION COM	MISSION		
Rig-Down Completed	05/19/2008			1111	1 1 2008			thenly for any
rag-bown Completed	23:59		1	JOL	1 1 2006	ŀ	j	thanks for calling halliburton
			<u>I</u>	CONSER	VATION DIVISION	)N	i	Hamburton

WICHITA, KS

Sold To #: 7.20.130

Ship To #:

Quote #:

Sales Order #:

**SUMMIT Version:** 

Monday, May 19, 2008 10:08:00

## Cementing Job Summary

The Road to Excellence Starts with Safety Sold To #: 348223 Ship To #: 2653065 Quote #: Sales Order #: 5911698 Customer: EOG RESOURCES INC EBUSINESS Customer Rep: Brock, Gary Well Name: Shirley Well #: 30#1 API/UWI #: County/Parish: Stevens Field: City (SAP): MOSCOW State: Kansas Contractor: ABERCROMBIE Rig/Platform Name/Num: 5 Job Purpose: Plug to Abandon Service Well Type: Development Well Job Type: Plug to Abandon Service Sales Person: BLAKEY, JOSEPH Srvc Supervisor: FERGUSON. MBU ID Emp #: 106154 ROSCOE Job Personnel **HES Emp Name** Exp Hrs **HES Emp Name** Emp# Exp Hrs Emp# **HES Emp Name** Exp Hrs Emp# ARNETT, JAMES Ray 226567 FERGUSON, ROSCOE 10 10 106154 MENDOZA, VICTOR 9.25 442596 G Equipment HES Unit # Distance-1 way HES Unit # Distance-1 way HES Unit # Distance-1 way **HES Unit #** Distance-1 way 10897857 10949716 50 mile 50 mile 6610U 50 mile HTR0910 50 mile Job Hours Date CONFILIDAN Location Date On Location Operating Operating Operating Date On Location Hours Hours Hours U ZUU6 Hours Hours Hours 5-25-08 10 2 TOTAL Total is the sum of each column separately The second of th Formation Name Date Time Time Zone Formation Depth (MD) Top **Bottom** Called Out 24 - May - 2008 23:44 CST Form Type BHST On Location 25 - MAY - 2008 03:00 CST Job depth MD 1694, ft Job Depth TVD 1694. ft Job Started 25 - May - 2008 08:49 CST Water Depth Wk Ht Above Floor 4. ft Job Completed 25 - May - 2008 11:39 CST Perforation Depth (MD) From To Departed Loc 25 - May - 2008 13:00 CST **Well Data** Description New / Max Size Weight Top MD ID Thread Grade **Bottom** Top Bottom Used pressure lbm/ft in in MD TVD ft TVD psig ft ft ft Cement Plug 60. Cement Plug 658. 658 Cement Plug 1694. 1694 **Production Open** 7.875 1641. 6000. Hole Unknow 8.625 7.825 24. Surface J-55 1550. n Tools and Accessories Type Size Qty Make Depth Type Size Make Type Depth Size Qty Make Guide Shoe Packer Top Plug Float Shoe Bridge Plug **Bottom Plug** Float Collar Retainer SSR plug set Insert Float Plug Container Stage Tool Centralizers Miscellaneous Materials (1984) **Gelling Agt** Conc Surfactant Conc Acid Type Qty Conc % Treatment Fld Conc Inhibitor Conc Sand Type Size Qtv

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JUL 1 1 2008

CONSERVATION DIVISION WICHITA, KS

## Cementing Job Summary

Fluid #	Stage	Туре	Fluid	Name		Qty	Qty uom	Mixing Density Ibm/gal	Yield ft3/sk	Mix Fluid Gal/sk	Rate bbl/min	Total Mix Fluid Gal/s
1	PLUG A	T 1694	POZ PREMIUM 40/	60 - SBM (15	075)	100.0	sacks	13.5	1.52	7.57		7.57
	2 %		BENTONITE, BULK	(100003682)	)	1				· · · · · · · · · · · · · · · · · · ·		
	7.572 Ga	ıl	FRESH WATER			:						
2	PLUG A	Г 658	POZ PREMIUM 40/0	60 - SBM (15	075)	50.0	sacks	13.5	1.52	7.57		7.57
	2 %		BENTONITE, BULK	(100003682)	)					<u></u>		-
	7.572 Ga	ıl	FRESH WATER					····		·*····································		<del></del>
3	PLUG A	Г 60	POZ PREMIUM 40/6	60 - SBM (15	075)	20.0	sacks	13.5	1.52	7.57		7.57
	2 %		BENTONITE, BULK	(100003682)					* ****	<del></del>	<del></del>	
<del></del>	7.572 Ga	ı	FRESH WATER					<del></del>		<del></del>		- A. A
4	PLUG RA HOLE	<b>NT</b>	POZ PREMIUM 40/6		•	15.0	sacks	13.5	1.52	7.57		7.57
	2 %		BENTONITE, BULK	(100003682)								
	7.572 Ga		FRESH WATER									
	PLUG MO HOLE	DUSE	POZ PREMIUM 40/6	0 - SBM((150	139NDF	N15/QL	sacks	13.5	1.52	7.57		7.57
	2 %		BENTONITE, BULK	(10000368 <u>2)</u>	JL 10	2008						
	7.572 Ga		FRESH WATER							······································		
<b>建Ca</b>	<b>lculated</b>	Values	Pressu	ires 👯 🛴	KIZ	ST PET	Tacket	II TO SERVE	olumes 🖁	**************************************	141.1	CONTRACTOR
Displace		22	Shut In: Instant		Löst Re			Cement Slu		54	Pad	
	Cement	SURFA		ļ	<u> </u>	Returns		Actual Dis			Treatme	
	radient		15 Min		Spacers			Load and I			Total Jo	
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irculati		т	Mixing			Displacer	nent	<u> </u>		Avg. Jol	b	
	Left In Pip	je j			Joint	Frac Ring	#20	ID	1 16.	aa Dina #	40	10
ac RII	iy # i w	1 1/2	Frac ring # 2					ntative S		ac Ring # 4	# (D)	ID

RECEIVED KANSAS CORPORATION COMMISSION

JUL 1 1 2008

CONSERVATION DAVISION WICHITALKS

Summit Version: 7.20.130

Sunday. May 25. 2008 12:22:00

## RECEIVED KANSAS CORPORATION COMMISSION

### HALLIBURTON

JUL 1 1 2008

Cementing Job Log

CONSERVATION DIVISION WICHITA, KS

The Road to Excellence Starts with Safety

<b>Sold To #:</b> 348223	<b>Ship To #</b> : 2653			Quote #:			Sales	S Order #: 5911698		
Customer: EOG RESOURCES	SINC EBUSINES	S		Customer Rep: Brock, Gary						
Well Name: Shirley		Well #	<b>#:</b> 30#1			AP	I/UWI #:			
Field: City	(SAP): MOSCO	W C	County/i	Parish: S	tevens		State:	Kansas		
Legal Description:							<del></del>			
Lat:			-	Long:	*****	····	*.· <u></u>			
Contractor: ABERCROMBIE		atform	Name/N	lum: 5		·		**************************************		
Job Purpose: Plug to Abandon	Service				<del></del>	Ticket	Amount:			
Well Type: Development Well	Job Ty	pe: Plu	ug to Ab	andon Se	ervice					
Sales Person: BLAKEY, JOSE	PH Srvc S ROSC		sor: FE	RGUSON	l,	MBU IC	) Emp #:	106154		
ActivityDescription	Date/Time /		Rate bbl/ min	VOI	ume bl	<b>P</b>	sure sig Casing	Comments :		
Call Out	05/24/2008 23:44		IDENT							
Pre-Convoy Safety Meeting	05/25/2008 01:45	JUL	1 0 20	08						
Arrive At Loc	05/25/2008 03:00		KCC					LAYING DOWN DRILL PIPE		
Assessment Of Location	05/25/2008							SPOT TRUCK, BBP		
Safety Meeting	03:05				[			MEETING		
Rig-Up Equipment	05/25/2008 04:00			-	·					
Pre-Job Safety Meeting	05/25/2008 08:40							WITH RIG CREW		
Rig-Up Completed	05/25/2008 08:48		-					HOOK UP TO PUMP TRUCK, DRILL PIPE SET AT 1694 ft		
Test Lines	05/25/2008 08:49							2300 PSI		
Pump Spacer 1	05/25/2008 08:52		6	75		165.0		TURN HOLE OVER WITHFRESH WATER		
Pump Cement	05/25/2008 09:09		5	27		80.0		100 sks 40/60 POZ PREMIUM @ 13.5 ppg		
Pump Displacement	05/25/2008 09:15		5.5	17.46		50.0		FRESH WATER		
Shutdown	05/25/2008 09:18							KNOCK OFF HALLIBURTON LINE		
Pause	05/25/2008 09:19							, a cerbon on ende		
Start Out Of Hole	05/25/2008 09:21							LAY DOWN 1036 ft DRILL PIPE		
Resume	05/25/2008 10:07							DRILL PIPE SET AT		
Pump Spacer 1	05/25/2008 10:08		3	9		30.0		LOAD HOLE		
Pump Cement	05/25/2008 10:14		4.3	13.53		70.0		50 sks 40/60 POZ PREMIUM @ 13.5 ppg		

Sold To #: 348223

Ship To #:2653065

Quote #:

Sales Order #:

5911698

SUMMIT Version:

7.20.130

Sunday. May 25. 2008 12:22:00

## Cementing Job Log

	Charles Co.	STEEL!	Rate	Vol	ume 🖟 🔻	Press				
Activity Description	Date/Time	Cht #	L'attende a mountle	b Stane	bl /g/	psi Tubing	g v	Comments		
Pump Displacement	05/25/2008 10:18		4.3	5.8	***	35.0	y and a second	FRESH WATER		
Shutdown	05/25/2008 10:19	·		,				KNOCK OFF HES LINE		
Pause	05/25/2008 10:20									
Start Out Of Hole	05/25/2008 10:21							LAY DOWN 598 ft DRILL PIPE		
Resume	05/25/2008 11:10							DRILL PIPE SET AT 60		
Pump Spacer 1	05/25/2008 11:10							LOAD HOLE		
Pump Cement	05/25/2008 U 11:14			6		15.0		20 sks 40/60 POZ PREMIUM @ 13.5 ppg		
Shutdown	05/25/2008 JU 11:19	KC(	[					LAY DOWN 1 JOINT OF PIPE, MOVE TO RAT HOLE		
Pump Spacer 1	05/25/2008 11:24		2	5		10.0		LOAD RAT HOLE		
Pump Cement	05/25/2008 11:27		2	3.5		15.0		15 sks 40/60 POZ PREMIUM		
Pump Displacement	05/25/2008 11:31		2	4		10.0		RAISE CEMENT LEVEL IN RAT HOLE		
Shutdown	05/25/2008 11:33	-						MOVE TO MOUSE HOLE		
Pump Cement	05/25/2008 11:36		2	3.5		10.0		15 sks 40/60 POZ PREMIUM		
End Job	05/25/2008 11:39									
Post-Job Safety Meeting (Pre Rig-Down)	05/25/2008 11:42									
Rig-Down Equipment	05/25/2008 11:45									
Depart Location for Service Center or Other Site	05/25/2008 13:00									

RECEIVED KANSAS CORPORATION COMMISSION

JUL 1 1 2008

CONSERVATION DIVISION WICHITA, KS

Sold To #: 348223

Ship To #:2653065

Quote #:

Sales Order #:

5911698

SUMMIT Version:

7.20.130

Sunday. May 25. 2008 12:22:00