RECEIVED KANSAS CONFORM FON COMMISSION

AN ON COMMISSION 8-2007 FT DENT

KANSAS CORPORATION COMMISSION



WELL HISTORY - DESCRIPTION OF WELL & LEASE

WICHITA, KS Operator: License # 5278	API NO. 15- 175-22076-0000
Operator: License # 5278 Name: EOG Resources, Inc.	County SEWARD
Address 3817 NW Expressway, Suite 500	
City/State/Zip Oklahoma City, Oklahoma 73112	660 Feet from S/N circle one) Line of Section
Purchaser: N/A KCC	1980 Feet from E(M)(circle one) Line of Section
Operator Contact Person: MINDY BLACK MAR 0 7 2007	Footages Calculated from Nearest Outside Section Corner:
Phone (405) 246-3130 CONFIDENTIA	
Contractor: Name: ABERCROMBIE RTD, INC.	Lease Name NORMAN Well # 22 #1
License: <u>30684</u>	Field Name
Wellsite Geologist:	Producing Formation N/A - DRY
Designate Type of Completion	Elevation: Ground 2930 Kelley Bushing 2942
New Well Re-Entry Workover	Total Depth 6600 Plug Back Total Depth N/A
Oil SWD SIOW Temp. Abd.	Amount of Surface Pipe Set and Cemented at 1685' Feet
Gas ENHR SIGW	Multiple Stage Cementing Collar Used? Yes X No
x Dry Other (Core, WSW, Expl., Cathodic, etc.)	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 Comp. Date Original Total Depth	Drilling Fluid Management Plan TA WH 10-30-08 (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 _EVAPORATION
Commingled Docket No	Location of fluid disposal if hauled offsite:
Dual Completion Docket No	Operator Name <u>EOG RESOURCES</u> , <u>INC</u> .
Other (SWD or Enhr?) Docket No.	Lease Name NORMAN 22 #1 License No. 5278
1/14/07 1/22/07 1/24/07	Quarter <u>NW</u> Sec. <u>22</u> Twp. <u>34</u> S R. <u>34</u> [E 🔀 W
Spud Date or Pate Reached TD Completion Date or Recompletion Date	County SEWARD 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 the complete of the confidence of the complete of th	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 I wireline logs and geologist well report shall be attached with this form. ALL the all plugged wells. Submit CP-111 form with all temporarily abandoned wells.
All requirements of the statutes, rules and regulations promulgated to reg herein are complete and correct to the best of my knowledge.	gulate the oil and gas industry have been fully complied with and the statements
Signature Windy Black	KCC Office Use ONLY
Title OPERATIONS ASSISTANT Date 3/	/7/07
Subscribed and sworn to before me this 7th day of Ma	Letter of Confidentiality Attached If Denied, Yes Date:
20 0 7	Wireline Log Received
Notary Public Mull Follow	Geologist Report Received
Date Commission Expires 6-26-2008 Commission	WH 2000622 — UIC Distribution

Side Two

Operator Name EOG R	escurces, i	1C		Lease	Name	NORMAN	<u> </u>	` Well #	# <u>22 #1</u>	
, sec. <u>22</u> Twp. <u>34</u>	S.R. 34	☐ East	₩ West	Count	ty s	EWARD		į	-	,
INSTRUCTIONS: Shortested, time tool open a temperature, fluid reco	w important tog and closed, flow very, and flow	ng and shut-in rates if gas	n pressure to surface	s, whether she during test	nut-in p	oressure reach	ned static level, I	nydrostatic p	pressures,	ing interva
Drill Stem Tests Taken (Attach Additional Sh	eets.)	Yes	⊠ No	x	Log	F	Formation (Top), I	Depth and D	Datums	Sampl
Samples Sent to Geologi	ical Survey	X Yes	☐ No				F	Da	atum	
Cores Taken		Yes	X No		1.1.	MAJIA,				
Electric Log Run (Submit Copy.)		X Yes	☐ No			ED SHEET				
List All E.Logs Run: RESISTIVITY, SONIC DENSITY NEUTRON W/	C, MICROLOG, MICRO, MUDL	DENSITY NI OG	EUTRON,							
	Repor		RECORD -conductor	New	_	ed ate, production	ı, etc.		,	
Purpose of String	Size Hole Drilled	Size Cas Set (In O	~	Weight Lbs./Ft.		Setting Depth	Type of Cement	# Sacks Used	Type and Addition	d Percent ives
SURFACE	12 1/4"	8 5/8"		24#		1685'	MIDCON PP	480	SEE O	T TIX
		ADD	ITIONAL C	FACULTING (20115	75 05000]		
Purpose Perforate Protect Casing Plug Back TD Plug Off Zone	Depth Top Bottom		Cement	#Sacks L		EZE RECORD	Type and Pe	ercent Additi	ves	
Shots Per Foot	PERFORATION Specify Foot	RECORD - Br age of Each In					e, Shot, Cement S Kind of Material U			Depth
	1,4 (47 °)							-		
TUBING RECORD	Size N/A	Set At		Packer At		Liner Run	☐ Yes 🗽	No		
Date of First, Resumed	Production, SV	VD or Enhr.	Produc	cing Method	Pı	umping ∐Ga	as Lift Oth	er (Explain)		
Estimated Production Per 24 Hours	Oil	Bbls.	Gas	Mcf	Wate	r Bbls.	Gas-Oil I	. '		Gravity
Disposition of Gas:	METHOD (OF COMPLETI	ON		L.,		Production Interv	val		
☐ Vented ☐ Sold (If vented, submit A	Used on Lo	ease [Open H	ole Perfo	ration	Dually C	omp. 🔲 Commin	gled	- -	<u></u>

	CO-1												
Well Name :	Well Name : Norman 22 #1												
FORMATION	TOP	DATUM											
Base of Heebner	4312	-1370											
Lansing	4430	-1488											
Marmaton	5130	-2188											
Cherokee	5467	-2525											
Morrow	5819	-2877											
St Louis	6473	-3531											

KCC MAR 0 7 2007 CONFIDENTIAL

RECEIVED KANSAS CORPORATION COMMISSION MAR 0 8 2007

CONSERVATION DIVISION WIGHTA, KS

MAR 08 2007

KCC AR 0.7 2007

HALLIBURTONCOMFIDENTIAL

Conservation division Cementing Job Summary

The Road to Excellence Starts with Safety

Sold To #	#: 30:	122		Shi	o To	#: 25496	384		Quo	te #:			-		1	Sales	Orde	er #:	4863	081
Custome	r: EC	G RES	OURC							tome	r Re	n: Te	vio	r I a	m 1			20 117	7000	-
Well Nam	e: N	man				V	Vell #	: 22#1	1==-				7.0		PUUV	VI #-	•			
Field:			c	ity (S	AP): I	JNKNOV		Count	v/Par	ich: S	Sow.	emi					: Kan			
Contracto	or: A	BERCE			<u> /. \</u>	Rig/Pia					70 H	ai u				OTALE	- Naii	585 -		
Job Purp					sina	h (13)		1 1441114	******	. 0	····									
Well Type					<u> </u>	Job Ty	ne. C	amont	Surfa	00 Ca	oloo									
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						Inter (D)		Job Pe	reon	nol			!							
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EDUARDO						·				•••			-	.	L , O	41201	,	'	1.5	321975
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MERSHE	<u>` 1</u>	~	1			<u> </u>														
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8612) mile		<u> </u>	14030				1054	7690		50 m	ile		!	54029)		0 mile	
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		Hours		Hour			 - -	Hou		<u> </u> !	Hour	18	┖			1	Hour	8		Hours
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Form Type			<u> </u>		BHST		7111 J	$\overline{}$		Calle On L							 		_	
Job depth I	MD		1700. ft			epth TVD)	170) ft	Job S			+	10	lan -	2007	 	-00	—	
Water Dept	þ					Above F		5.				pietec			an -			:30	_	CST
Perforation	Dept	(MD)	From			To		-l	···	Depa			╬	10	Jaii -	2007	1 00	:38	+	CST
								Well	Data								<u> </u>		ــــــــــــــــــــــــــــــــــــــ	
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Surface Hol			ps	9											•	-	ft		ft	ft
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Summit Version: 7.10.386

Tuesday. January 16. 2007 08:57:00

HALLIBURTON



Cementing Job Summary

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Gellin		Conc	Surfactant		Conc	Acid	Туре		Qty	Conc
reau	nent fid	Conc	Inhibitor		Conc	San	d Type		Size	Qty
			T							
Fluid #	Sage Type		id Name	Qty	Qty uom	Mixing Density Ibm/gai	Yield ft3/sk	Mix Fluid Gal/sk	Rate bbl/min	Total Mis Fluid Gai/s
1	Le≆d Cement	MIDCON-2 CEME SBM (15079)	NT PREMIUM PL	US - 300.0	sacks	11.4	2.96	18.14		18.14
	3%	CALCIUM CHLOF	RIDE - HI TEST PE	LLET (100005	053)	.J	· · · · · ·		ـ	
	0.25 lbm	POLY-E-FLAKE (·····		
	0.1 %	WG-17, 50 LB SK	(100003623)			·				
	18.138 Gal	FRESH WATER								
2	Tail Cement	CMT - PREMIUM (100012205)	PLUS CEMENT	180.0	sacks	14.8	1.34	6.32		6.32
	6.324 Gal	FRESH WATER				L		L		L
	2%	CALCIUM CHLOR	IDE - HI TEST PE	LLET (100005	053)					
	0.25 lbm	POLY-E-FLAKE (1	101216940)					·····		
3	Displacement			0.00	bbl	8.33	.0	.0	.0	
	e agreement of the state of the second of the				800 (100 pm	\$871 F 1685	., .	Contraction of the Contraction o		STATES STATES
Displa	cement	Shut in: Insta	mt Lo	et Returns	nt an his fileschie j	Cement S	lurry	فيموه فالمسافو المالي	Pad	
	Cement	5 Min	Ce	ment Returns		Actual Di		ent	Treatn	2054
Frec G	radient	15 Min	Sp	acers	1	Load and			Total .	
								- ASS		10 56 18 18 18 18 18 18 18 18 18 18 18 18 18
Circui		Mixing		Displac	ement	Total at the same	TO THE COMMENT OF STREET	Avg. J	oh	
	ent Left in Pipe		Reason Shoe Joi	int		<u> </u>				
rrac R	ling # 1 @	ID Frac ring	#2@ ID	Frac Rin	g#3@	ID	F	rac Ring	#460	ai
Th	e Information	Stated Herein I	s Correct	ustomer Represe	ntative Sk	nature			<u></u>	1100
				<u> </u>	222	<u>la</u>	ry la			

RECEIVED KANSAS CORPORATION COMMISSION

MAR 0 8 2007

CONSERVATION DIVISION WIGHTA, K8

Summit Version: 7.10.386

Tuesdav. January 16. 2007 08:57:00

KCC

HALLIBURTON

MAR 07 2007 CONFIDENTIAL

Cementing Job Log

The Road to Excellence Starts with Safety Sold To #: 302122 Ship To #: 2549684 Quote #: Sales Order #: 4863981 Customer: EOG RESOURCES INC Customer Rep: Taylor, Larry Well Name: Norman Well #: 22#1 API/UWI #: Field: City (SAP): UNKNOWN County/Parish: Seward State: Kansas Legal Description: Lat: Long: Contractor: ABERCROMBIE Rig/Platform Name/Num: 8 Job Purpose: Cement Surface Casing **Ticket Amount:** Well Type: Development Well Job Type: Cement Surface Casing Sales Person: BLAKEY, JOSEPH Srvc Supervisor: WILTSHIRE, MBU ID Emp #: 195811 MERSHEK

Call Out	01/15/2007 18:00	Biblio Sante	in the second	er kistin i er i i sait	Commission of the Commission o	and trade to 1 1 10	. 18 Gyrdiga Jose	RECEIVED
Arrive At Loc	01/15/2007 22:00							KANSAS CORPORATION COMMISSIO
Pre-Job Safety Meeting	01/15/2007 22:15							MAR 0 8 2007
Start Job	01/16/2007 07:30							CONSERVATION DIVISION WIGHTIA, KS
Test Lines	01/16/2007 07:32						2000.	
Pump Lead Cement	01/16/2007 07:35		6.5	158		·	280.0	
Pump Tail Cement	01/16/2007 08:04		6.5	43			220.0	
Drop Top Plug	01/16/2007 08:13		3		201		130.0	END CEMENT
Pump Displacement	01/16/2007 08:14		4	104			30.0	WATER
Dispi Reached Cmnt	01/16/2007 08:25		6	34			110.0	
Other	01/16/2007 08:33		2	94			420.0	SLOW RATE
Other	01/16/2007 08:37						400.0	PRESSURE BEFORE
Bump Plug	01/16/2007 08:37		2		104		1400.	FLOAT HELD
End Job	01/16/2007 08:39						U	
Cement Returns to Surface	01/16/2007 08:40					<u>·</u>		12 BBLS OF CEMENT TO PIT

Sold To #: 7.10.386

Ship To #:

Quote #:

Sales Order #:

SUMMIT Version:

Tuesday, January 16, 2007 08:57:00

KCC MAR 0 7 2007 CONFIDENTIAL

HALLIBURTON

Cementing Job Summary

Sold To #: 3	02122		9	hip To	F: 25490	684	-	Quo	te #:				Sales	Order	#: 4879	560
Customer: E		_								Rep: P	essio	. Dale	7-2-30	J. 391		
Well Name:				·	N	Well #	: 22#1	1		P		API/U	WI #-			
Field:			City	(SAP): L	NKNOV			ty/Par	ish: Se	mem		70 20		: Kansa)e	
Contractor:	ABER	CRO		(30 tr /r t	Rig/Pla					/////////////////////////////////////		•	Otto	. 1/0/130		
Job Purpose				Service	h right on		1 704117		. 170							
Well Type: D				0011100	Job Ty	74. D	him to	Ahend	on Sen	vice						
Sales Perso				PH PH	Srvc Si						M	BU ID E	mp #:	10608	5	
					GARRY											
							Job P		nel							
HES Emp				Emp#			Name		p Hrs	Emp#			mp Na		Exp Hrs	Emp#
ARNETT, JA	MES R	ay 1	0.5	226567	GRAVE	S, JEI	REMY	_]1	o	399155		UMPHR wayne	IES, GA	VRRY	10.5	106085
							Equ	ipmen	t				-			.
HES Unit #		nce-1 v		ES Unit :		ance-	1 way	HES	Unit #	Dist	ance	1 way	HES	Unit #	Distar	ce-1 way
10240236	50 mi	le	10	2514010	50 mi	le		1054	7690	50 n	niie		77031	***	50 mile)
						*	Job	Hours	3							
Date		cation urs		rating ours	Date		On Lo		, -	rating ours		Date	Or	Locati Hours	on C	perating Hours
TOTAL				,	· · · · · · · · · · · · · · · · · · ·			Total is	the su	m of ea	ch col		parately			
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Formation Na												Da		Tim		me Zone
Formation De	ptn (MI	D) [To	<u> </u>		Bott	om [Called			23 - Jan		07:0		CST
Form Type Job depth MD		221	33. ft	BHST			 		On Lo		_	23 - Jan		11:0		CST
Water Depth	' -	33.	33. π		epth TV		+	<u>R</u>	Job St			23 - Jan		14:3		CST
Perforation De	enth /P	D)E		AAK 14	t Above I	<u>rioor</u>	1 3	. ft		omplete		23 - Jan		20:0		CST
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Description	N	ew /	Max	Size	HD	Wel			read		0===	4	- 445	D 44		T =
			pressur		in	Ibm	- 1	11	read		Grac	36 IC	P MD	Botton		Bottom
			psig	~ ~~	""	10111						- 1	#	MD	TVD	TVD
Cement Plug	U	sed				 			-					3335.		11
Cement Plug		sed											-: 	1700.		
DRILL PIPE		sed		4.5	3.826	16.	6				X			3335.		
Cement Plug		sed												50.	_	
Cement Plug		sed												750.		
Production Hol	ie i	ł		1	7 875	1							700	8800		

RECEIVED
KANSAS CORPORATION COMMISSION

MAR 0 8 2007

CONSERVATION DIVISION WIGHTA, KS

Summit Version: 7.10.386

Tuesdav. January 23. 2007 20:16:00

MAR 07 2007

HALLIBURTON

CONFIDENTIAL Cementing Job Summary

				10.75	aris solid					
Fluid #	Stage Type	Fluid N	<u>ame</u>	Qty	Qty	Mixing Density Ibm/gal	Yield ft3/sk	Mix Fluid Gal/sk	Rate bbl/min	Total Mix Fluid Gal/s
1	Plug 1 @3335	POZ PREMIUM 40/60	- SBM (15075)	100.0	sacks	13.5	1.5	7.17		7.17
	4 %	BENTONITE, BULK (1	00003682)							
	7.172 Gal	FRESH WATER								
			All the second	T. Carrie	e a pa				reserve.	**************************************
Fluid #	Stage Type	Fluid N		Qty	uom	Mixing Density uom	Yleid uom	Mix Fluid uom	Rate	Total Mix Fluid uom
1	Plug 2 @ 1700	POZ PREMIUM 40/60	- SBM (15075)	50.0	sacks	13.5	1.5	7.17		7.17
	4 %	BENTONITE, BULK (1	00003682)						<u> </u>	· · · · · · · · · · · · · · · · · · ·
	7.172 Gal	FRESH WATER								
			erania (alian da esta de esta	e destruction de la company de la company La company de la company de	And and the	Color Color Color	A STANDARD CONTRACTOR	ent the server	Marie Alaman	i to we be to distribute t
Fluid #	Stage Type	Fluid N		Qty	Qty uom	Mixing Density uom	Yield uom	Mix Fluid uom	Rate	Total Mix Fluid uom
1	Plug 3 @ 750	POZ PREMIUM 40/60		50.0	sacks	13.5	1.5	7.17		7.17
	4 %	BENTONITE, BULK (1	00003882)							
- V	7.172 Gal	FRESH WATER								
			i de la companya de La companya de la co							and the second second
Fluid #	Stage Type	Fluid Na	ame	City	Qty uom	Mixing Density uom	Yield uom	Mix Fluid uom	Rate	Total Mix Fluid uom
1	PLUG 4 @50 FT	POZ PREMIUM 40/60	- SBM (15075)	20.0	sacks	13.5	1.5	7.17		7.17
	4 %	BENTONITE, BULK (1	00003682)		<u> </u>				<u> </u>	
	7.172 Gal	FRESH WATER								
2	Mouse Hole	POZ PREMIUM 40/80	- SBM (15075)	10.0	sacks	13.5	1.5	7.17		7.17
	4 %	BENTONITE, BULK (1	00003682)							
	7.172 Gal	FRESH WATER							·	 -
8t	age/Plug #: 5		Epith I							
Fluid #	Stage Type	Fluid Na		Qty	Qty	Mixing Density uom	Yield uom	Mix Fluid uom	Rate	Total Mix Fluid uom
	RAT	POZ PREMIUM 40/80		15.0	sacks	13.5	1.5	7.17		7.17
	4 %	BENTONITE, BULK (1	00003682)							
	7.172 Gal	FRESH WATER								
	iculated Value:		S			٧	olumes	·····		
	ement	Shut In: Instant	Lost	Returns		Cement S		T	Pad	
	Cement	5 Min	Cen	ent Return	3	Actual Di	splaceme	11	Treatm	ent
rac G	radient	15 Min	Spa	cers		Load and			Total J	
	···			Rates				•	-	
Circul	eting	Mixing		Displa	cement			Avg. J	ob	
Th	e Information	Stated Herein Is C	orrect Cus	tomer Represe		gnature F	بردده		<u>'</u>	

RECEIVED KANSAS CORPORATION COMMISSION

MAR 0 8 2007

RECEIVED KANSAS CORPORATION COMMISSION

MAR 07 2007

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CONFIDENTIAL

HALLIBURTON

CONSERVATION DIVISION WICHITA, KS

Cementing Job Log

The Road to Excellence Starts with Safety Ship To #: 2549684 Quote #: Sales Order #: 4879560 Customer: EOG RESOURCES INC Customer Rep: Passig, Dale API/UWI #: Well #: 22#1 City (SAP): UNKNOWN | County/Parish: Seward State: Kansas

egal Description:

Well Name: Norman

Sold To #: 302122

at: Long:

Contractor: ABERCROMBIE Rig/Platform Name/Num: #8

Job Purpose: Plug to Abandon Service **Ticket Amount:** Well Type: Development Well Job Type: Plug to Abandon Service

Sales Person: BLAKEY, JOS	SEPH Srvc 9	upervisor:	HUMPHRIE	S, GARRY MBL	ID Emp i	F: 106085
	6					
Call Out	01/23/2007 07:00				the designation of the second	
Crew Leave Yard	01/23/2007 10:00					
Arrive At Loc	01/23/2007 11:00					
Assessment Of Location Safety Meeting	01/23/2007 11:15					
Rig-Up Equipment	01/23/2007 11:30					
Running in Hole	01/23/2007 13:00					4 1/2" DRILL PIPE
Circulate Well	01/23/2007 14:00					RIG CIRCULATE MUD FOR 30 MIN.
Pre-Job Safety Meeting	01/23/2007 14:30					1st PLUG SET @ 3333' TO 2842'
Test Lines	01/23/2007 14:40	0		2500 0		
Pump Cement	01/23/2007 14:45	5		300.		100sks 40/80 POZ MIXED @ 13.5#
Pump Displacement	01/23/2007 14:50	5	37	300.	0. 0	DRILLING MUD
Shutdown	01/23/2007 15:00		,			RELEASE PRESSURE & KNOCK LOOSE FROM PIPE
Other	01/23/2007 15:15					PULL DRILL PIPE- PULLED DRY
Pre-Job Safety Meeting	01/23/2007 16:00					2nd PLUG SET @ 1698' TO 1450'
Test Lines	01/23/2007 16:05	0	0	2500 0	0	
Pump Cement	01/23/2007 16:08	5	13.5	250.0	0. 0	50sks
Pump Displacement	01/23/2007 16:18	5	17.5	250.0	0. 0	DRILLING MUD

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4879560

SUMMIT Version:

7.10.386

Tuesday, January 23, 2007 08;16:00

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Cementing Job Log

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Shutdown	01/23/2007						RELEASE PSI &
	16:25						KNOCK LOOSE
Other	01/23/2007 16:27						PULL PIPE- PULLED DRY
Pre-Job Safety Meeting	01/23/2007 16:30						3rd PLUG SET @ 740' TO 508'
Test Lines	01/23/2007 16:38	0	0		2500. 0	.0	
Pump Cement	01/23/2007 16:40	5	13.5		200.0	.0	50sks
Pump Displacement	01/23/2007 16:50	5	6		200.0	.0	DRILLING MUD
Shutdown	01/23/2007 16:55		1				RELEASE PSI & KNOCK LOOSE
Other	01/23/2007 17:00						PULL PIPE- PULLED DRY
Pre-Job Safety Meeting	01/23/2007 19:30						TOP PLUG SET @ 60' TO SURFACE & PLUG RAT & MOUSE
Test Lines	01/23/2007 19:39	0	0		2500. 0	.0	1011 0 10000
Pump Cement	01/23/2007 19:40	3	14.5		50.0	.0	25sks FOR RAT & MOUSE, 20sks FOR PLUG
Pump Displacement	01/23/2007 19:54	3	1		50.0	.0	WATER
Shutdown	01/23/2007 19:55						RELEASE PSI & KNOCK LOOSE
Other	01/23/2007 20:00			*-			PULL PIPE
Post-Job Safety Meeting (Pre Rig-Down)	01/23/2007 20:15						
Rig-Down Equipment	01/23/2007 20:30						
Rig-Down Completed	01/23/2007 21:15			-			
Crew Leave Location	01/23/2007 21:30						

RECEIVED KANSAS CORPORATION COMMISSION

MAR 0 8 2007

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