KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

2(13)10 Form ACO-1 September 1999 Form must be Typed

**UIC Distribution** 

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

Operator: License # 5278	API NO. 15- 081-21743-0000
Name: EOG Resources, Inc.	County Haskell
Address 3817 NW Expressway, Suite 500	<u>NF - NF - SF -</u> Sec. <u>14</u> Twp. <u>28</u> S. R. <u>34</u> ☐ E 🗓 V
City/State/Zip Oklahoma City. Oklahoma 73112	Feet from N (circle one) Line of Section
Purchaser: TEPPCO Crude Oil	330 Feet from W (circle one) Line of Section
Operator Contact Person: Melissa Sturm	Footages Calculated from Nearest Outside Section Corner:
Phone ( 405) 246-3234	(circle one) NE E NW SW
Contractor: Name: Abererombie Rtd Inc. (1)	Lease Name <u>Cattle Empire</u> Well # <u>14 #1</u>
Phone (405) 246-3234  Contractor: Name: Abercrombie Rtd Inc.  License: 30684  Wellsite Geologist:	Field Name Wildcat
Wellsite Geologist:	Producing Formation Lansing
Designate Type of Completion	Elevation: Ground 3005' Kelley Bushing 3017'
X New Well Re-Entry Workover	Total Depth 5700' Plug Back Total Depth 5542'
	Amount of Surface Pipe Set and Cemented at Feet
Gas ENHR SIGW	Multiple Stage Cementing Collar Used? Yes X No
DryOther (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:	Drilling Fluid Management Plan Alt. I S& 9-10-08 (Data must be collected from the Reserve Pit)
Original Comp. Date Original Total Depth	(Data must be collected from the Neserve Fit)
Deepening Re-perf Conv. to Enhr./SWD	Chloride content 4000 ppm Fluid volume 1000 bbls
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 RECEIVED  KANSAS CORPORATION COMMISSION
Other (SWD or Enhr?) Docket No.	Lease Name License No.
10/20/2007 10/28/2007 1/17/2008	QuarterSecTwpFEB_R.1 5 2008E\
Spud Date or Date Reached TD Completion Date or Recompletion Date  Recompletion Date	County Docker NSERVATION DIVISION WICHITA, KS
Kansas 67202, within 120 days of the spud date, recompletion, wor Information on side two of this form will be held confidential for a peri 82-3-107 for confidentiality in excess of 12 months). One copy of all CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with	th the Kansas Corporation Commission, 130 S. MarkeT - Room 2078, Wichita, kover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. iod 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 all plugged wells. Submit CP-111 form with all temporarily abandoned wells. ulate the oil and gas industry have been fully complied with and the statements
	KCC Office Use ONLY
Subscribed and sworn to before me this	Letter of Confidentiality Attached  If Denied, Yes Date:
Notary Public State State Opening	Wireline Log Received
LITTA # ABITALL ABITAL ON AND AND AND AND AND AND AND AND AND AN	Geologist Report Received

Commission # 04009575 Expires 40/21/08 |

**Date Commission Expires** 

Side Two

Operator Name EOG R	esources.Ind	3.		Lea	se Nam	e <u>Cattle Er</u>	mpire	Well #	14 #	1
Sec. <u>14</u> Twp. <u>28</u>	_ s.r. <u>34</u>	☐ East		Cou	nty <u> </u>	laske]]				
INSTRUCTIONS: Sho tested, time tool open a temperature, fluid reco Electric Wireline Logs s	and closed, flow very, and flow	ing and shut- rates if gas	in pressure to surface	s, whether e during te	shut-in	pressure react	ned static level, h	ydrostatic p	ressures	s, bottom hole
Drill Stem Tests Taken (Attach Additional Sh	reets.)	X Yes	□ No	[	X Log	F	Formation (Top), D	Pepth and D	atums	Sample
Samples Sent to Geolog	ical Survey	X Yes	☐ No	N:	ame		Тор	Da	itum	
Cores Taken		Yes	X No							
Electric Log Run (Submit Copy.)		X Yes	□ No	SEE	ATTACI	HED SHEET				
List All E.Logs Run:										
ARRAY COMPENSATED VOLUME LOG, MICROI SPACED NEUTRON LOC NEUTRON MICROLOG,	LOG, SPECTRA G, SPECTRAL	L DENSITY DENSITY DU	DUAL JAL SPACE							
			RECORD	☐ Nev						
·	Repor	t all strings so	et-conducto	r, surface, ir	ntermed	iate, productior	n, etc.	1	ı	
Purpose of String	Size Hole Drilled	Size Ca Set (In 6		Weight Lbs./Ft		Setting Depth	Type of Cement	# Sacks Used		nd Percent litives
Surface	12 1/4"	8 5/8"		24#		1659'	Midcon PP	300	SEE	ATTACHED
							Midcon PP	180	SEE	ATTACHED
Production	7 7/8"	4 1/2"	DITIONAL	10.5#	2/00: 15	5659' EZE RECORD	50/50POZ PP	280	SEE	ATTACHED
Purpose	Depth	Υ	of Cement	#Sacks		EZE RECORD	Type and Pe	rcent Additi	VAC	
Perforate	Top Bottom	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,					Type and Te	- Additi	-	
Protect Casing Plug Back TD						-				
Plug Off Zone	<u> </u>	<u> </u>	-	<u> </u>		<u> </u>				
Shots Per Foot	PERFORATION Specify Foot	RECORD - Eage of Each					re, Shot, Cement S I Kind of Material L		ord	Depth
4 SPF	4752'-4762'	CIBP @	4725'	·		1500 gals	15% HCL, 18	Bbls 2%	KCL 4	4752-4762
4 SPF	4400'-4406'					1000 gals	5 15% HCL. 18	Bbls 2%	KCL 4	4400-4406
							- · · · · · · · · · · · · ·			
TUBING RECORD	Size 2 3/8" 4.	Set A'		Packer None	At	Liner Run	☐ Yes 🗓	No		
Date of First, Resumed			Produ	icing Metho						
1/25/2008				Flowin		<u>· · · · </u>	<u> </u>	er (Explain)		
Estimated Production Per 24 Hours	Oil 90	Bbls.	Gas 0	Mcf	Wat 23	er Bbls.	Gas-Oil I	Ratio	33	Gravity .7
Disposition of Gas:	METHOD (	OF COMPLE	TION				Production Interv	val		
☐ Vented ☐ Sold  (If vented, submit)	Used on L	ease		łole 🔯 Pe	rforatior	Dually C	comp.   Commin	gled		
, voinca, subiliti	.55 .6.,		Other	(Specify)						

ACO-1 Con	ACO-1 Completion Report										
Well Name : CATTLE EMPIRE 14 #1											
FORMATION TOP DATU											
WABAUNSEE	3298	-281									
HEEBNER	4065	-1048									
LANSING	4157	-1140									
MARMATON	4726	-1709									
CHEROKEE	4830	-1813									
ATOKA .	4993	-1976									
MORROW	5203	-2186									
CHESTER	5370	-2353									



RECEIVED KANSAS CORPORATION COMMISSION

FEB 15 2008

CONSERVATION DIVISION WICHITA, KS

## Cementing Job Summary

The Road to Excellence Starts with Safety **Sold To #**: 302122 Ship To #: 2607124 Quote #: Sales Order #: 5439496 Customer: EOG RESOURCES INC Customer Rep: Taylor, Larry State: Kansas MEDENTIAL Well Name: Cattle Empire Well #: 14-1 API/UWI #: Field: City (SAP): UNKNOWN County/Parish: Haskell Contractor: ABERCROMBIE Rig/Platform Name/Num: 2 Job Purpose: Cement Surface Casing Well Type: Development Well Job Type: Cement Surface Casing Sales Person: BLAKEY, JOSEPH Srvc Supervisor: MCINTYRE, BRIAN MBU ID Emp #: 106009 Job Personnel **HES Emp Name** Exp Hrs Emp# **HES Emp Name** Exp Hrs Emp# **HES Emp Name** Exp Hrs Emp# ARNETT, JAMES Ray 10.5 226567 **EVANS. JOSHUA Allen** 10.5 427571 HANEWALD, JOHN 10.5 412340 Jay MCINTYRE, BRIAN C 10.5 106009 Equipment **HES Unit#** Distance-1 way **HES Unit #** Distance-1 way **HES Unit #** Distance-1 way **HES Unit #** Distance-1 way 10219237 50 mile 10415642 50 mile 54218 50 mile 54219 50 mile 6612 50 mile 75821 50 mile Job Hours Date On Location Operating Date On Location Operating Date On Location Operating Hours Hours Hours Hours Hours Hours TOTAL Total is the sum of each column separately Job **Job Times** Formation Name Time Date **Time Zone** Formation Depth (MD) Top Bottom Called Out 21 - Oct - 2007 03:15 **CST** Form Type BHST On Location 21 - Oct - 2007 06:30 CST Job depth MD 1700. ft Job Depth TVD 1700. ft Job Started 21 - Oct - 2007 13:36 CST Water Depth Wk Ht Above Floor 5. ft Job Completed 21 - Oct - 2007 15:13 CST Perforation Depth (MD) From То Departed Loc 21 - Oct - 2007 16:45 CST **Well Data** Description New / Max Size ID Weight **Thread** Grade Top MD **Bottom** Top **Bottom** Used pressure in in lbm/ft ft MD TVD **TVD** psig ft ft ft Surface Hole 12.25 1663 Surface Casing New 8.625 8.097 1663. Sales/Rental/3rd Party (HES) Description Qty Qty uom Depth Supplier SHOE, GID, 8-5/8 8RD EΑ CLR,FLT,TROPHY SEAL,8-5/8 8RD RECEIVED 1 EΑ KANSAS CORPORATION COMMISSION AUTOFILL KIT, TROPHY SEAL 1 EA CENTRALIZER ASSY - API - 8-5/8 CSG X 12 EA FEB 15 2008 CLP,LIM,8 5/8,FRICT,WTH DOGS 1 EΑ BASKET - CEMENT - 8 5/8 CSG X 12 1/4 1 EΑ CONSERVATION DIVISION PLUG, CMTG, TOP, 8 5/8, HWE, 7.20 MIN/8.09 MA 1 EA WICHITA, KS **Tools and Accessories** Size Type Qtv Make Depth Type Size Qty Make Depth Type Size Qtv 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 Gelling Agt Conc Surfactant Conc Acid Type Qtv Conc % Treatment Fld Conc Inhibitor Conc Sand Type Size Qty Summit Version: 7.20,130 Sunday, October 21, 2007 15:45:00

## Cementing Job Summary

						Flo	uid Data						<del></del>		
S	tage/Plug	g #: 1										<del></del>			
Fluid #	Stage	Туре		Fluid	Name		Qty	Qty uom	Mixing Density Ibm/gal	Yield ft3/sk	Mix Fluid Gal/sk		Total Mix Fluid Gal/s		
1	Lead Ce	ment	SBN	MIDCON-2 CEMENT PREMIUM PLUS - 300.0 sacks 11.4 2.96 18.14 18.14											
	3 %		CAL	CIUM CHLORID	E - HI TEST	PELLE	Г (100005	053)	· • · · · · · · · · · · · · · · · · · ·		همکاه	WELA !	<u> </u>		
	0.25 lbm	1	POI	Y-E-FLAKE (10	1216940)						CON	20	<i>100</i>		
	0.1 %		WG	-17, 50 LB SK (1	00003623)							B 13.	<u> </u>		
	18.138 G	al	FRE	SH WATER							- 18		C <sub>E</sub>		
2	Tail Cem	ent		T - PREMIUM PL 012205)	US CEMEN	Τ	180.0	sacks	14.8	1.34	6.32	1/200	6.32		
	94 lbm		CM	- PREMIUM PL	US - CLASS	C REG	OR TYPE	III, BUL	K (1000122	205)	.L	<u>-</u>	<del></del>		
	6.324 Ga		FRE	SH WATER					<del></del>						
	2 %		CAL	CIUM CHLORID	E - HI TEST	PELLET	(1000050	053)				., .	·		
	0.25 lbm		POL	Y-E-FLAKE (101	216940)										
3	Displace						105.72	bbl	8.33	.0	.0	.0			
Ca	<b>lculated</b>	Value		Pressu	res				Vo	olumes	<del></del>				
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rac Gi	adient			5 Min	<u> </u>	Spacer			Load and E	3reakdov	wn	Total Jo	b		
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The	e Inform	ation	Stat	ed Herein Is (	Correct	Custom	er Represe	entative S	ignature 1	in	los	)			

RECEIVED KANSAS CORPORATION COMMISSION

FEB 15 2008

CONSERVATION DIVISION WICHITA, KS

Summit Version: 7.20.130

Sunday, October 21, 2007 15:45:00

**Ship To #**: 2607124

Sold To #: 302122

## Cementing Job Log

Sales Order #: 5439496

The Road to Excellence Starts with Safety

Quote #:

Customer: EOG RESOURCES	INC			Justome	er Rep:	l aylor, Lar		
Well Name: Cattle Empire		Well #	t: 14-1			AP	I/UWI #:	Las
Field: City	(SAP): UNKNO	NN C	County/P	arish: ⊦	laskell		State	: Kansas PENTIAL 2008
Legal Description:								CONFIDE 2008
Lat:				.ong:				-CQ 13
Contractor: ABERCROMBIE		atform	Name/N	um: 2				PED C
Job Purpose: Cement Surface						Ticket	<b>Amount</b>	·
Well Type: Development Well			ment Su					
Sales Person: BLAKEY, JOSEF	PH Srvc S	Supervi	sor: MC	INTYRE	BRIAN	MBU II	D Emp#	: 106009
Activity Description	Date/Time	Cht	Rate bbl/ min	t	lume obl	р	ssure sig	Comments
	1.0.0	#		Stage	Total	Tubing	Casing	
Call Out	10/21/2007 03:15					ŀ		
Safety Meeting - Service	10/21/2007	ļ	<u> </u>				<u> </u>	
Center or other Site	04:30						1	
Crew Leave Yard	10/21/2007 05:30							
Arrive At Loc	10/21/2007 06:30							
Assessment Of Location	10/21/2007						,	
Safety Meeting	06:35							
Other	10/21/2007 06:40							RIG DRILLING @ 605 TD@1663
Other	10/21/2007 07:30							RIG THROUGH DRILLINGTD 1663
Circulate Well	10/21/2007 07:31							DIVIZENCE—1D 1003
Other	10/21/2007 08:00							START OUT OF HOLE WITH DRILL PIPE
Other	10/21/2007 09:45				**			OUT OF HOLE WITH DRILL PIPE
Start In Hole	10/21/2007 10:15			KAN	REC	CEIVED RATION COM	MISSION	START 8 5/8 CASING AND FLOAT EQUIPMENT
Casing on Bottom	10/21/2007 13:10				FEB	1 5 2008		EQUI MEN
Circulate Well	10/21/2007 13:15				CONSERV	ATION DIVISIO HITA, KS	N	
Safety Meeting - Pre Job	10/21/2007 13:30				······································			
Test Lines	10/21/2007							DDESCUDE TEST 2000

Sold To #: 302122

**Pump Lead Cement** 

Ship To #:2607124

13:36

13:39

10/21/2007

Quote #:

158

Sales Order #:

11.4#GAL

**PSI** 

300 SKS MIDCON-2

PREMIUM PLUS @

120.0

5439496

SUMMIT Version:

7.20.130

Sunday, October 21, 2007 03:45:00

6

# Cementing Job Log

Activity Description	Date/Time	Cht	Rate bbl/ min	(	ume bl		ssure sig	Comments
		#		Stage	Total	Tubing	Casing	
Pump Tail Cement	10/21/2007 14:24		6		43		170.0	180 SKS PREMIUM PLUS @ 14.8#GAL
Drop Top Plug	10/21/2007 14:34							8 5/8 5 WIPER HWE
Pump Displacement	10/21/2007 14:35		6.5		103		95.0	FRESH WATER
Cement Returns to Surface	10/21/2007 14:42		6.5		103		210.0	50 BBLS CIRCULATED TO PIT
Start Staging - 5 Minutes	10/21/2007 14:45							
Pump Displacement	10/21/2007 14:50		2		103		480.0	PUMP 5 BBLS —SHUT DOWN 5 MINUTES
Start Staging - 5 Minutes	10/21/2007 14:55							
Pump Displacement	10/21/2007 15:00		2		103		480.0	PUMP 5 BBLSSHUT DOWN 5 MINUTES
Bump Plug	10/21/2007 15:11		2		103		1100. 0	550 PSI-1100 PSI FINAL LANDING PRESSURE
Check Floats	10/21/2007 15:12							FLOAT HELD
End Job	10/21/2007 15:13							
Safety Meeting - Pre Rig-Down	10/21/2007 15:20							
Rig-Down Equipment	10/21/2007 15:25							
Rig-Down Completed	10/21/2007 16:15							
Safety Meeting - Departing Location	10/21/2007 16:45							A TOPE TOPE

RECEIVED KANSAS CORPORATION COMMISSION

FEB 15 2008

CONSERVATION DIVISION WICHITA, KS

Sold To #: 302122

Ship To #:2607124

Quote #:

Sales Order #:

5439496

SUMMIT Version:

7.20.130

Sunday, October 21, 2007 03:45:00

# Cementing Job Summary

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Sold To			-00:	S	hip To	#: 260	7124		Qu	ote	#:		·		Sale	s Orde	r# 51	5540	14
Custon					<u>NC</u>				Cu	ston	ner Re	p: Nu	tter F	lerb	Jour	o Orde	1 #. 54	0019	14
Well Na	me: C	attle E	mpire				Well	#: 14	-1					API/U	WI #-	<del></del>	·		
Field:				City (	SAP):	UNKNO	NWC	Co	unty/Pa	ırish	: Hask	ell		<u>u 20</u>					
Contrac						Rig/F	Platfor	m Na	me/Nur	n: 2					Stat	e: Kans	as Ale	DE	160 11 100
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Summit Version: 7.20.130

# Cementing Job Summary

-	tomo/Dless #s #			Fluid Data	1				:	The second second
Fluid	tage/Plug #: 1				······································		· · · · · · · · · · · · · · · · · · ·			
#		Fluid	, -,, <del>-</del>	Qty	Qty	Mixing Density	Yield ft3/sk	Mix Fluid Gal/sk		Total Mix Fluid Gal/s
1		nt POZ PREMIUM PLU (14239)	S 50/50 - SBM	280.0	sacks	ibm/gal 13.5	1.63	7.27	· · · · · · · · · · · · · · · · · · ·	7.27
	6 %	CAL-SEAL 60, BULK	(100064022)		<u> Д.,</u>					
	10 %	SALT, BULK (100003	695)							
	6 lbm	GILSONITE, BULK (1	00003700)		<del></del>		····			
	0.6 %	HALAD(R)-344, 50 LE	(100003670)							Mire
	0.5 %	D-AIR 3000 (1010074	46)						سميدال	IEM . W.
	0.1 %	WG-17, 50 LB SK (10		· · · · · · · · · · · · · · · · · · ·				(	301AB	8000
	7.266 Gal	FRESH WATER							TER	DENTIAL 13 2008
2	Displacement			102.0	- LLI	<del></del>			la 6 min	
	1 gal/Mgal	LOSURF-300M, TOTE	TANK (10143982	3)	bbl		.0	.0	.0	KOO
	1 gal/Mgal	CLA-STA(R) XP (1000	03733)	<del>"</del>			<u>.</u>			V
	2 gal/Mgal	CLAYFIX II, HALTANK	(100003729)							
	Mouse and Rat	POZ PREMIUM PLUS (14239)	50/50 - SBM	25.0	sacks	13.5	1.63	7.27		7.27
	6 %	CAL-SEAL 60, BULK (	100064022)	11						
	10 %	SALT, BULK (1000036	95)							
	6 lbm	GILSONITE, BULK (10	0003700)			·				
	0.6 %	HALAD(R)-344, 50 LB (	(100003670)	<del></del>						
	0.5 %	D-AIR 3000 (10100744)	5)				·			
	0.1 %	WG-17, 50 LB SK (100)						ن		
7	.266 Gal	FRESH WATER								
Calc	ulated Values	Pressure	and the same transfer of the s	China Control Control	- dillo minora		14			
splace	ment ement	Shut In: Instant	Lost Re		·		umes			
p Of C	ement	5 Min	WHOMAS CONTRACTOR OF THE PROPERTY OF THE PARTY OF THE PAR	t Returns		ement Slur	ry	F	ad	
ac Gra	dient	15 Min	Spacer		A	tual Disp	acemen	+	reatmen	
	23.0	100 July 100		ates		ad and Bn	eakdown	1 7	otal Job	
irculat		Mixing		Displace				****	ere ij	
	t Left in Pipe	Amount 45.16 ft Reason	on Shoe Joint	Displace	ment		L_	Avg. Job		
ac Rin	g#1@   IL			Frac Ring	#3@	ID				
The	Information S	itated Herein Is Co		er Represent	ative Sign	ature	Fra	c Ring#4	@	ID

RECEIVED KANSAS CORPORATION COMMISSION

FEB 15 2008

CONSERVATION DIVISION WICHITA, KS

Sold To #: 302122

## Cementing Job Log

The Road to Excellence Starts with Safety
Ship To #: 2607124 Quote #:

<b>Customer: EOG RESOURCE</b>	SINC			Custo	mer Rep:	Nutter H	erb	es Older #. 5455194
Well Name: Cattle Empire		Well #	<b>#</b> : 14-1				NPI/U\WI#	•
Field: Cit	y (SAP): UNKNO			Parish:	: Haskell			e: Kansas
Legal Description:							Par	e. Nalisas
Lat:				Long:				
Contractor: ABERCROMBIE	Rig/PI	latform						
Job Purpose: Cement Product	tion Casing					Ticke	et Amoun	
Well Type: Development Well	Job T	vpe: Ce	ment P	roductio	on Casing	licke	FL AINOUN	L-
Sales Person: BLAKEY, JOSE	PH Srvc S	Supervi	sor: SM	MTH BO	ORRY	MRII	ID Emp	<b>‡:</b> 106036
		T	Rate				essure	100036
Activity Description	Date/Time	Cht	bb!/	V	olume	1 .	essure psig	Commonts
		1:00	min		bbl		poly	Comments
		#		Stage	e   Total	Tubing	Casing	,
Call Out	10/28/2007			1		<del>                                     </del>	-	
	02:00		į					1
Safety Meeting - Service	10/28/2007							
Center or other Site	03:30							1
Arrive at Location from Other	10/28/2007							
Job or Site Assessment Of Location	04:30	$\vdash$					3	1
Safety Meeting	10/28/2007 04:30					ENTIN		rig pulling drill pipe
Other	10/28/2007				- ANE	DENTIA	<u> </u>	
	04:30					430		casing crew on location
Safety Meeting - Pre Rig-Up	10/28/2007				- EE			
	04:35	- 1				MC	7	pump truck
Other	10/28/2007				<del></del>	-	╂	had American
	06:00					1		bulk trucks on location
Safety Meeting - Pre Rig-Up	10/28/2007				<del>                                     </del>	<del> </del>	<del> </del>	bulk trucks
	06:05				-			
Other	10/28/2007						T	Casing going in the hole.
Other	07:05					ECEIVEL		Float equipment started.
Other	10/28/2007				KANSAS COR	PORATION C	Mucolon	Casing on bottom. Rig
	11:30		1		I	1	i .	down casing crew. Rig
			- 1		FEB	15 200	R	circulating well.
			l		00000	Ī	1	CONDITIONING THE
Safety Meeting	10/28/2007		·		CONSER	VATION DIVI	ION	MUD.
	13:00	1	1		1	ICHITA, KS		location
Start Job	10/28/2007							
	13:19				1 1	j		
Oump Lead Cement	10/28/2007		3	3.5				RAT HOLE
Dump Load Count	13:20					_		TO THOLE
Pump Lead Cement	10/28/2007	-	3	3.5				MOUSE HOLE
est Lines	13:32							
CSC EITIGS	10/28/2007 13:37	- 1					2100.	kick outs 2000
ump Tail Cement	10/28/2007		<del>,</del>	00.67			0	
	13:39		7	89.37		300.0	Ţ	280 SK @ 13.5#
	13.39							

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Quote #:

Sales Order #:

5455194

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7.20.130

Sunday, October 28, 2007 03:01:00

## Cementing Job Log

Activity Description	Date/Time	Cht	Cht bbl/ min	Volume bbl		ł	sure sig	Comments	
		#		Stage	Total	Tubing	Casing		
Drop Plug	10/28/2007 13:57								
Clean Lines	10/28/2007 13:57								
Pump Displacement	10/28/2007 14:04		7	0	L		100.0	water	
Other	10/28/2007 14:16		2	80		1100. 0	750.0	Slow down rate.	
Bump Plug	10/28/2007 14:21		2	89.37		950.0	1600. 0		
Check Floats	10/28/2007 14:22							float held	
End Job	10/28/2007 14:23								
Safety Meeting - Pre Rig-Down	10/28/2007 14:25								
Safety Meeting - Departing Location	10/28/2007 16:30								
Depart Location for Service Center or Other Site	10/28/2007 16:30							Thank you for calling Halliburton. Bob Smith and crew.	

LEB 13 5000

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