

Confid	entiali	ty Requested:
Yes		No

Kansas Corporation Commission Oil & Gas Conservation Division

1188674

Form ACO-1
August 2013
Form must be Typed
Form must be Signed
All blanks must be Filled

WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License #	API No. 15
Name:	Spot Description:
Address 1:	SecTwpS. R 🗌 East 🗌 West
Address 2:	Feet from North / South Line of Section
City:	Feet from
Contact Person:	Footages Calculated from Nearest Outside Section Corner:
Phone: ()	□NE □NW □SE □SW
CONTRACTOR: License #	GPS Location: Lat:, Long:
Name:	(e.g. xx.xxxxx) (e.gxxx.xxxxx) Datum: NAD27 NAD83 WGS84
Wellsite Geologist:	
Purchaser:	County:
Designate Type of Completion:	Lease Name: Well #:
☐ New Well ☐ Re-Entry ☐ Workover	Field Name:
□ Oil □ WSW □ SWD □ SIOW	Producing Formation:
Gas D&A ENHR SIGW	Elevation: Ground: Kelly Bushing:
☐ OG ☐ GSW ☐ Temp. Abd.	Total Vertical Depth: Plug Back Total Depth:
CM (Coal Bed Methane)	Amount of Surface Pipe Set and Cemented at: Feet
Cathodic Other (Core, Expl., etc.):	Multiple Stage Cementing Collar Used? Yes No
If Workover/Re-entry: Old Well Info as follows:	If yes, show depth set: Feet
Operator:	If Alternate II completion, cement circulated from:
Well Name:	feet depth to:w/sx cmt.
Original Comp. Date: Original Total Depth:	
☐ Deepening ☐ Re-perf. ☐ Conv. to ENHR ☐ Conv. to SWD	Drilling Fluid Management Plan
☐ Plug Back ☐ Conv. to GSW ☐ Conv. to Producer	(Data must be collected from the Reserve Pit)
Commingled Permit #:	Chloride content: ppm Fluid volume: bbls
Dual Completion Permit #:	Dewatering method used:
SWD Permit #:	Location of fluid disposal if hauled offsite:
ENHR Permit #:	
GSW Permit #:	Operator Name:
	Lease Name: License #:
Spud Date or Date Reached TD Completion Date or	QuarterSecTwpS. R East West
Recompletion Date Recompletion Date	County: Permit #:

AFFIDAVIT

I am the affiant and I hereby certify that 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.

Submitted Electronically

KCC Office Use ONLY									
Confidentiality Requested									
Date:									
Confidential Release Date:									
Wireline Log Received									
Geologist Report Received									
UIC Distribution									
ALT I III Approved by: Date:									

Page Two



Operator Name:			L	ease Name: _			Well #:				
Sec Twp	S. R	East We	est C	County:							
INSTRUCTIONS: Shopen and closed, flow and flow rates if gas to	ring and shut-in pres	sures, whether sh	ut-in pressur	e reached stati	c level, hydrosta	tic pressures, bott					
Final Radioactivity Lo files must be submitted					gs must be ema	iled to kcc-well-log	gs@kcc.ks.go	. Digital electronic log			
Drill Stem Tests Taker (Attach Additional		Yes	No	L		n (Top), Depth an		Sample			
Samples Sent to Geo	logical Survey	Yes	No	Nam	e		Тор	Datum			
Cores Taken Electric Log Run		Yes Yes	No No								
List All E. Logs Run:											
		(CASING REC	ORD Ne	w Used						
		· ·		ıctor, surface, inte	ermediate, producti		T				
Purpose of String	Size Hole Drilled	Size Casin Set (In O.D		Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives			
		ADD	ITIONAL CEN	MENTING / SQL	JEEZE RECORD						
Purpose:	Depth Top Bottom	Type of Cem	ent #	Sacks Used	Type and Percent Additives						
Perforate Protect Casing	100 20111111										
Plug Back TD Plug Off Zone											
1 lag on zono											
Did you perform a hydrau	ulic fracturing treatment	on this well?			Yes	No (If No, ski)	o questions 2 ar	nd 3)			
Does the volume of the to		•				_	o question 3)	(" 100 ")			
Was the hydraulic fractur	ing treatment information	on submitted to the c	hemical disclo	sure registry?	Yes	No (If No, fill o	out Page Three	of the ACO-1)			
Shots Per Foot		ION RECORD - Bri Footage of Each Int			Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Depth						
	, ,				,		,				
TUBING RECORD:	Size:	Set At:	Pa	acker At:	Liner Run:						
						Yes No					
Date of First, Resumed	Production, SWD or Ef		cing Method: owing	Pumping	Gas Lift C	ther <i>(Explain)</i>					
Estimated Production Per 24 Hours	Oil	Bbls. G	as Mcf	Wate	er Bl	ols. G	ias-Oil Ratio	Gravity			
DIODOCITI	ON OF CAS:		, 4 CT - 1		TION:		DRODUCTIO	AN INTEDVAL.			
Vented Solo	ON OF GAS: Used on Lease	Open Ho		IOD OF COMPLE \Box		nmingled	PHODUCIIC	ON INTERVAL:			
	bmit ACO-18.)	Other (S	necify)	(Submit		mit ACO-4)					

Form	ACO1 - Well Completion
Operator	Linn Operating, Inc.
Well Name	WILDS 4 ATU-2
Doc ID	1188674

All Electric Logs Run

Compensated Neutron/Compact Photo Density/Microresistivity Log
Microresistivity Log
Open Hole Well Evaluation Log
Repeat Section Log & Spectral Gamma Ray Log
Array Induction/Shallow Focused Electric Log

Form	ACO1 - Well Completion
Operator	Linn Operating, Inc.
Well Name	WILDS 4 ATU-2
Doc ID	1188674

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement		Type and Percent Additives
SURFACE	12.25	8.625	24	730	Prem. Class C	450	
Surface- TOP OUT	12.25	8.625	24	730	Prem Class C & H	1000	
Surface- TOP OUT	12.25	8.625	24	730	Prem Class C & H	75	
PRODUC TION	7.875	5.50	15.50	3110	Prem Plus Class C	300	

	_ :			PROJECT NOME	ER	TICKET DATE				
il	OB SUMMAR	5A		TN# 30	1		10/18/20	13		
COUNTY	COMPANY		CUSTOMER REP							
Morton		Weldon Higgins								
	Linn Energy									
Wilds 4 ATU 2	Surface			Jessie M	<u>lcClain</u>					
EMP NAME										
Jessie McClain										
Steve Crocker	· · · · · · · · · · · · · · · · · · ·									
Angel Garcia										
Form, Name Chase-Council Grove Type:										
Type.		Called	Out	IOn Locatio	<u> </u>	ob Started	I Joh C	ampleted .		
Packer TypeSet At	_{Date}		17/2013	On Locatio	13	10/18/13	300 0	ompleted 10/18/13		
Bottom Hole Temp. Pressi		'"'		i		10.10.10		10110110		
Retainer Depth Total I		13	300	1730		1300	- -	1400		
Tools and Accessorie	es			Well D	lata					
Type and Size Qty	Make		New/Used		Size Grad	e From	To	Max. Allow		
Auto Fill Tube 1	IR Casir	nø	New	24'		⊭ KB	730	1500		
Insert Float Valve 1	IR Liner									
Centralizers 5	IR Liner							 		
Top Plug 1	IR Tubin				.54			 		
HEAD 1	IR Drill F		1							
Limit clamp 1		Hole						Shots/Ft.		
Weld-A 2		rations						CHOLDIT L		
Texas Pattern Guide Shoe 1		rations					_			
Cement Basket 0		rations								
Materials	Hours	s On Loca	ation	Operating I	Hours	Descrir	tion of Jol	2		
Mud Type WBM Density	9.0 Lb/Gall Da	ate I i	Hours	Date	Hours	Surface				
Disp. Fluid H20 Density Spacer type H20 BBI 10	8.33 Lb/Gal 10/1	7/13	21.0	10/18/13	1.0					
Spacer type H20 BBL 10 BBL		_				Final pu	ımp psi: 4	5 psi		
Acid Type Gal.	- _%						mt to surf	ace		
Acid Type Gal.	-%					0 ft3 / 0	SK\$			
Surfactant Gal.	in —	_				-				
Spacer type H20 BBL 10 Spacer type BBL Acid Type Gal. Acid Type Gal. Surfactant Gal. NE Agent Gal.	in —					┪				
Fluid Loss Gal/Lb	in —					┪ ──				
Gelling Agent Gal/Lb Gal/Lb Gal/Lb	in —						· .			
Fric. Red. Gal/Lb	In									
MISCGal/Lb	In Total		21.0	Total	1.0					
Peripac BallsQty.				Pre	ssures					
Other	MAX		500	AVG Average F	50	5).4				
Other Other	MAX		4	AVEIAGE	(ales III d	FM				
Other	IVIAA	-				20				
Other	Feet	44	Cement Left in Pipe Reason Shoe Joint							
	i çci	-7-7		Reason		SHOE	JOHN			
		Cement E	3-1-					- 1		
Stage Sacks Cement	Additiv		7010			W/Rg	. Yield	Lbs/Gal		
1 450 Premium Class C	2% Calcium Chloride and .25 #fsk C					6.34		14.8		
2		,		•			1	 		
3								1		
4								1		
							\neg			
	Sı	ummary								
Preflush Type:			flush:	B81	10.00	Type:	H	120		
Breakdown MAXIN	NUM		id & Bkdn:	Gal - BBI		Pad Bbl	-Gal			
	eturns-N0		cess /Return	BBI	0	Calc Dis		44		
Average ————Actual Frac. 0	FOC Bradient		c TOC: atment:	O-L DDL '	Surfac	a tolerand of		43.60		
ISIP 5 Min 10 Min			ment Slurry:	Gal - BBI	108.0	Disp Bb	·			
2 (4)(1)	13 Mill		al Volume	BBI	161.6					
		100	ai volutile	DDI	101.0	<u>, </u>				
			l							
	VE Welch H		•					J		
CUSTOMER REPRESENTATI	VE UVUELLE TO	ccp.			<u> </u>					
		o q		SIGNATURE						
				Tha	INK YO	u For Usi	ng			
				O	- TFX	Pumping	CT .			

Karasa — m	1365 1365		JOB SUM	MAR	Y			TN# 30)2		TICKET DATE	0/19/20	13
Morton		Cus				ulia - l-	_						
MOTION EASE HAVE		Wellt	Linn Energy		Weldon Higgins								
Wilds	4 ATU	2	Top-out		Jessie McClain								
EMP NAME	,		on-2-300					536 VIII 14	01.56				
Jessie McClain													
Steve Crocker		\sqcup				<u> </u>							- 1
Beau Clem		┦			┼—	ļ				Ш	,		
		1			1	<u>1 </u>		_		Ш			
Form. Name	te-Council Grove	_Тур	B:		TA-	U		10			<u> </u>	1414	4.5.1
Packer Type		Set	<u>Δt</u> —	Date	Cal	illed Or	8/13	On Location 10/18	3n 743	1700	Started 10/19/13	J05 C	ompleted 0/19/13
Bottom Hole Temp.			sure	Tour.	i		0.10	10710		1	10, 10, 10	- 1 - 1	0, 10, 10
Retainer Depth			l Depth	Time	<u>L.</u>	150	0	1500			100	2	00
T	pols and Acc	cesso						Well					
Type and Siz Auto Fill Tube)tv	Make IR	Cooloo		N	lew/Used New	Weight 24	Size G 8.625	rade	From KB	<u>To</u> 730*	Max. Allo 500
Insert Float Valve		0	IR IR	Casing Liner		+	MEM		8,020		NB	730	500
Centralizers		ŏ 	IR IR	Liner		\dashv		 	 	\dashv			-
Top Plug		0	iR	Tubing	1			1		\dashv			
HEAD		0	IR	Drill Pi									
Limit clamp		0	IR	Öpen I									Shots/F
Weld-A		0	<u>IR</u>	Perfora						\Box			
Texas Pattern Guide Cement Basket	Snoe	0	IR IR	Perfora Perfora					-	-			-
Centent Dasket	Materials			Hours	On I	Locatir	วก	Operating	Hours		Descrin	tion of Job	1
Mud Type	0 De	nsity_	0Lb/Gal	Date	e	Ho	Urs	Date	Hour		Top-out		
		nsity_	N/A Lb/Gal	10/18	/13	10	.0	10/19/13	1.0	_			
Spacer typeH: Spacer type	BBL.			-							Final Pump psi: 130 psi 0 bbls cmt to surface		
Acid Type	Gal.	_	— _% ——	<u> </u>							0 ft3 / 0 sks		
Acid Type	Gal.		~ _%			111					- 1 1	-	
Surfactant	Gal.		InI										
NE Agent Fluid Loss	Gal. Gal/Lb		in I	-	_					_			
Gelling Agent	Gal/Lb		In	-	_	_		<u> </u>	 				
Fric. Red.	Gal/Lb												
MISC.	Gal/Lb		In	Total		10	.0	Total	1.0				
Darfora Balla		-											
Perfpac Balls		_UIV.		MAX		47	70	Pro AVG	essures 13	10			
Other				TVIA A		1/	U	Average			A		
Other				MAX		1.	.5	AVG	1	1			
Other				Cement Left in Pipe									
Other				Feet	0			Reason			N/	<u> </u>	
				_									
Stage Sacks	Cement			Additive		ent Dat	a				W/Rg.	. Yield	Lbs/Ga
	remium Clas	ss C	2% Calcium Chloride ar								6.34	1.35	14.8
2												1	<u> </u>
3													
4													
													
Preflush		Type		Sui	mma	ary Preflu	ch:	BBI	1.0	10	Type		20
Breakdown			IMUM					Gal - BBI	1.3		Type: Pad:Bbi		
		Lost	Returns-N	0	\equiv	Exces	ss /Retun		0		Calc Dis	ip Bbl	
Average			al TOC			Caic		Cal DIII			Actual D		0.00
sip5 Min _		10 N	. Gradient lin15 M	lin		Treati Ceme	ment; :nt Slurry;	Gal - BBI BBI	54	.0	Disp:Bbl	· —	
	-		,,5,1	·····			Volume	BBI	55.				
			2.1/1	10 /	7,								
CUSTOMER F	REPRESE	NTA	TIVE LLSU	L. 4	! ec								
						11		SIGNATURE					
					•			Th	ank Y	ou	For Usir	าต	
CUSTOMER F	REPRESE	NTA	TIVE <u>U.30</u>	le 4	4	88	•	Th			For Usir		

JOB SUMMARY						TN# 30	4	10/	19/2013	3			
Morton				Weldon	liggins								
LEASE NAME	Well No.	JOB TYPE					Weldon Higgins						
Wilds 4 AT	U 2	Top-out	11.90			Jessie M	cciain						
EMP NAME Jessie McClain													
Steve Crocker	- - -				-								
Rory Morris	- - -												
Form, Name Chase-Council Grov	Type:							01-4-1	Data As				
Baskes Time	Set At		Date	Cal	led Out 10/19/13	On Locatio 10/19/		Started 10/19/13	100 00	mpleted /19/13			
Packer Type Bottom Hole Temp.	- Pressi		Date		(0) (0) 10		·-						
Retainer Depth	Total [epth	Time		0200	200		900	1 10	30			
Tools and A		\$			New/Used	Well C Weight		From	To	Max. Allow			
Type and Size Auto Fill Tube	Qtv 0	Make IR	Casing		New	24	8.625		730	500			
Insert Float Valve	- 6	iR	Liner	_	- 1								
Centralizers	0	IR	Liner										
Top Plug	0	<u>IR</u>	Tubing		_								
HEAD Limit clamp	0	IR IR	Drill Pi					 		Shots/Ft.			
Weld-A	ö	IR	Perfora		S								
Texas Pattern Guide Shoe	0	IR	Perfora	tion	S								
Cement Basket	0	IR	Perfora	tion	ocation	Operating	Hours	Descriptio	n of Joh				
Mud Type 6	Density	0 Lb/Gal	Date	<u> </u>	Hours	Date 10/19/13	Hours	Top-out					
Disp. Fluid N/A	Density	N/A Lb/Gal	10/19	13	9.0	10/19/13	1,5	100 001					
Spacer type N/A BBL Spacer type BBL													
Spacer typeBBL Acid Type Gal.		- %											
Acid Type Gal.		%											
SurfactantGal. NE Agent Gal.		In In	-		\vdash		 						
Fluid Loss Gal/	Lb	in		_				20					
Gelling Agent Gal/	Lb	în l											
	լ.b	In	L Total	_	9.0	Total	1.5						
		-In ———	I Utal		0.0	1000							
Perfpac Balls	Qty.		_				essures						
Other			MAX	_	50	AVG	25 Rates in BP	A.A					
Other		1.0	MAX		2.5	AVG	2						
Other							Left in Pipe		•				
Other			Feet N/A Reason N/a										
			_		et Data								
Stage Sacks Ceme	ent		Additiv		ent Data			W/Rq.	Yield	Lbs/Gal			
1 400 Premium C		2% Calcium Chloride an			•			6.34	1.35	14.8			
2													
3		 							+				
4		 											
			Şu	mm									
Preflush	Type:				Preflush: Load & Bkdn:	BBI Cal BBI	0.00	Type: Pad:Bbl -		I/A			
Breakdown	MUM Returns-h	0		Excess /Retur		0	Calc Disp						
	Actua	TOC			Calc TOC			Actual Dis		0.00			
Average	Frac. 10 Min	Gradient15 M	in		Treatment: Cement Slurn	Gal - BBI r: BBI	96.0	Disp:Bbl					
ISIP5 Min	10 1911	13 10			Total Volume	BBI	96,00						
				1									
		4.101) 1		t								
CUSTOMER REPRES	SENTAT	IVE Will	a- 1.4	14	<u></u>								
				- 77	1	SIGNATURE		. Fac 11-1-	<u></u>				
								r For Usin	9				
) - TEX	Pumping					

		OR SUM	MAD	,		TN# 30		T	EXET DATE	I DIVO IO O	40			
JOB SUMMARY						CUSTOMER RE		_	10/19/2013					
Morton								Weldon Higgins						
	4 ATU 2 TOP-out					Jessie McClain								
EMP NAME	102	110p-out		-										
Jessie McClain	1 16	fario Abrego		_				-						
Steve Crocker	- ' '	ilano Abrego		-				\vdash						
Angel Garcia								\vdash						
Chris Frye				\dashv										
Form, Name Chise-Council Cri	•v• Type													
(i)	1 ypc	,		Called	Out	IOn Locatio	20	Joh (Started	TIME C				
Packer Type	Set #	At	Date	10,	/19/2013	On Location 10/19	/13		10/19/13	1300 CI	ompleted 0/19/13			
Bottom Hole Temp.	Pres						· · ·			1 .				
Retainer Depth	Total	Depth	Time	1	100	1100			1930	2	000			
Tools and Tools and Type and Size						Well (
Auto Fill Tube	Qty	Make IR	Casina		New/Used N/A	Weight		ade	From	То	Max. Allow			
Insert Float Valve	6	R	Casing Liner		IVA	24	8.625	.146	NA	N/A	500			
Centralizers	ō	iR	Liner		 	 	 							
Top Plug	0	İR	Tubing		 		 							
HEAD	0	IR	Drill Pip	è							 			
Limit clamp	0	IR	Open H					+			Shots/Ft.			
Weld-A	0	IR	Perforat						- 5		Oliotal t.			
Texas Pattern Guide Shoe Cement Basket	0	IR	Perforat	ons						· · · · · ·	1			
Materi		IR	Perforat	ons	-41									
Mud Type 0	Density	0 Lb/Gal	Hours C	n Loc	ation Hours	Operating				ion of Job				
Disp. Fluid H20	Density	8.33 Lb/Gal	Date 10/19/1	3	11.0	Date 10/19/13	Houn 0.5	-	Top-out					
Spacer type 37 Sodium BBL								\neg	Final our	mp psi: 50	psi			
Spacer type BBI		-,,							10 bbls c	mt to pit				
Acid Type Gal. Acid Type Gal.		%	 	+					56 ft3 / 33 sks					
Spacer type BBL Acid Type Gal. Acid Type Gal. Surfactant Gal. NE Agent Gal.		- _{in}			 f			-						
NE Agent Gal.		In						\dashv						
Fluid Loss Gal/	ιь	in												
Gelling Agent Gal/ Fric. Red. Gal/		ln						_						
	Lb	ln	<u> </u>		-									
Gal/	Lb	_In	Total		11.0	Total	0.5							
Perfpac Balls	Otv.					D.	SSUres							
Other			MAX		50	AVG	ssures 50							
Other						Average								
Other			MAX		2	AVG	2							
Other							Left in P	ipe						
One			Feet N	VA_		Reason			N/A					
			_											
Stage Sacks Ceme	ent	T	Cel Additives	ment C	yata				12.00	1 1 2 2 2 2				
1 200 Class		4% Get, 10% Gyp, 2% CC							W/Rq.	Yield	Lbs/Gal			
2 250 Premium C		2% Calcium Chlor	ide and 0.2	5 #/sk	Cellottake				6.34	1.72	14.0 14.8			
3									0.54	1.33	14.0			
4														
					111					1				
Destruct	— -		Sum											
Preflush Breakdown	Type:		10		flush:	BBI	20.0	0			dium silica			
DIESKODWI)	MAXII	Returns-N	0	_ Loa	d & Bkdn:	Gai - BBI	40		Pad:Bbl -					
	Actual		Surface	— Exc	ess /Return	מטו .	10 N/A		_ Caic.Dist		3 700			
Average	Frac.	Gradient		Tre	atment:	Gal - BBI	146	•	_ Actual Di Disp: Bbl	SD .	3.00			
sıp5 Min	10 Mir	15 Mir	١		ment Slurry:	BBI	30.]						
				Tota	al Volume	BBI	53.0	0						
			- 7											
		1.1 11	1./	-	•									
CUSTOMER REPRES	ENTAT	VE / Lel	- the	2										
				0.0		SIGNATURE								
						Tha	ink Yo	u F	or Usin	a				
				Ĭ					umping					
				L				7 0	amping		- 1			

100 01111111111							PROJECTIONBER		TICLETBATE		
JOB SUMMARY						TN# 30			10/21/2013		
COMPANY						CUSTOMER REP					
Morton Linn Energy				Weldon Higgins							
Wilds 4 AT		Jessie McClain									
Wilds 4ATU 2 Production Jessie McClain											
Jessie McClain				Т							
Steve Crocker	\dashv	· · · · · · · · · · · · · · · · · · ·		\vdash				+			
Mario Abrego				╁┯╂					M-		
Form, Name											
		٧.		Cafe	ed Out	IOn Locatio	n I.	Job Started	Joh C	ompleted	
Packer Type	Set	At	Date		10/21/2013	10/21	/13	10/21/13	1	0/21/13	
Bottom Hole Temp. Pressure Retainer Depth Total Depth								i			
Retainer Depth	Time 0500 1000 1430 1630						630				
Tools and Accessories Type and Size Qty Make				Well Data New/Used Weight Size Gradel From To Max. Al						100 40	
Auto Fill Tube	Qty 1	Make IR	Casing		New/Used New	Weight 15.5	5.5	de From KB	3110°	Max. Allow 2500	
Insert Float Valve	+	iR iR	Liner		IACAA	10.0	5.5	NB NB	-3110	2500	
Centralizers	26	iR	Liner				-			 	
Top Plug	1	İR	Tubing								
HEAD	1	IR	Drill Pipe								
Limit clamp	. 1	İR	Open Hole							Shots/Ft.	
Weld-A	2	IR	Perforations				Ī.,			- 11	
Guide Shoe	1 0	IR IR	Perfora								
Cement Basket	Perforations Hours On Location Operating Hours Date Hours Date Hour										
Mud Type WBM	a <u>is</u> Density	9.4 Lb/Gall	Hours	OU L	ocation	Operating !	Hours	Descri	otion of Job		
Disp. Fluid H20	Density_	8.33 Lb/Gal	10/21/	13	7.5	Date 10/21/13	Hours 2.0	Produc	tion:		
Spacer type Im silicate BBL		5 CD7 CG1	10/2 1/	:" 	7.0	10/2 1/ 10	2.0		ump psi: 65	0	
Spacer type BBL									cmt to sur		
Acid Type Gal% 365 ft3 / 100 sks								/ 100 sks			
Acid Type Gal%											
SunactantGal.		— <u> n</u> ———		\rightarrow				┥			
NE AgentGal. Fluid Loss Gal/				-+				⊣ —			
Geiling Agent Gal/											
Fric. Red. Gal/											
MISC. Gal/	Total		7.5 Total 2.0								
Peripac Balis Qty. Pressures											
Other MAX 1200 AVG 50 Other Average Rates in BPM											
Other			MAX		-4	Average	Rates in E	SPIN			
Other			IVIAA				Left in Pi	ne			
Other				Feet 43.60'			Reason Shoe Joint				
Li cet varas (registri) Suice spirit											
			C	emen	nt Data					- 1	
Stage Sacks Ceme			Additive	5				W/Ro	. Yield	Lbs/Gal	
1 205 Premium Plus Class C 0.2% C-41P, 5% Gyp, 0.								23.4	3.65	10.8	
2 95 Premium Plus	Class	C 2% Gel, 0.2% C-16	A, 2% Ca	lciun	n Chloride			10.4	1.90	13.0	
3											
4											
										L	
Preflush	Type		Sun	nmar	v Preflush:	вві І	35.0	T	Sadium -	licate/H2O	
Breakdown		MUM			oad & Bkdn:		30.0	D Type: Pad:Bb		ilicate/H2O	
		Returns-N	0		Excess /Return		68	Calc Di		73	
		al TOC Gradient	Surface	\equiv	Calc. TOC:		Surfa	ce Actual		72.90	
Average				Gal - BBI		Disp Bl					
5 Min 10 Min 15 Min Cement Sturry: BBI 165.0 Total Volume BBI 272.90											
	1				Total Volume	BBI	2123	1			
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