Confidentiality Requested: Yes No

KANSAS CORPORATION COMMISSION **OIL & GAS CONSERVATION DIVISION**

1105069

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:	
Address 2:	Feet from Dorth / South Line of Section
City: State: Zip:+	Feet from East / West Line of Section
Contact Person:	Footages Calculated from Nearest Outside Section Corner:
Phone: ()	
CONTRACTOR: License #	GPS Location: Lat:, Long:
Name:	(e.g. xx.xxxx) (e.gxxx.xxxx)
Wellsite Geologist:	Datum: NAD27 NAD83 WGS84
Purchaser:	County:
Designate Type of Completion:	Lease Name: Well #:
New Well Re-Entry Workover	Field Name:
	Producing Formation:
	Elevation: Ground: Kelly Bushing:
Gas D&A ENHR SIGW	Total Vertical Depth: Plug Back Total Depth:
GG GSW Temp. Abd.	Amount of Surface Pipe Set and Cemented at: Feet
CM (Coal Bed Methane) 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:
	feet depth to:w/sx cmt.
Well Name:	W/ \$7 Chit.
Original Comp. Date: Original Total Depth:	
Deepening Re-perf. Conv. to ENHR Conv. to SWD Plug Back Conv. to GSW Conv. to Producer	Drilling Fluid Management Plan (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 #:	Operator Name:
GSW Permit #:	Lease Name: License #:
Spud Date or Date Reached TD Completion Date or	Quarter Sec TwpS. 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 II III Approved by: Date:

	Page Two	1105069
Operator Name:	Lease Name:	Well #:
Sec TwpS. R East _ West	County:	

INSTRUCTIONS: Show important tops of formations penetrated. Detail all cores. Report all final copies of drill stems 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 test, along with final chart(s). Attach extra sheet if more space is needed.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

Drill Stem Tests Taken (Attach Additional She	a ata)	Yes No	L	og Formatio	n (Top), Depth an	d Datum	Sample
Samples Sent to Geolog		Yes No	Nam	e		Тор	Datum
Cores Taken Electric Log Run		☐ Yes ☐ No ☐ Yes ☐ No					
List All E. Logs Run:							
		CASING Report all strings set-c	RECORD Ne		on, 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
		ADDITIONAL	CEMENTING / SQU	EEZE RECORD			
Purpose: Perforate	Depth Top Bottom	Type of Cement	# Sacks Used		Type and Pe	ercent Additives	
Protect Casing Plug Back TD							
Plug Off Zone							
Did you perform a hydraulic	fracturing treatment	on this well?	1	Yes	No (If No. skip	o questions 2 an	d 3)
, , ,	8	raulic fracturing treatment ex	ceed 350,000 gallons?			o questions 2 and o question 3)	
		n submitted to the chemical c		Yes		out Page Three of	of the ACO-1)

Shots Per Foot		PERFORATION Specify For	RECOP tage of	RD - Bridge F Each Interval	Plugs Set/Typ Perforated	e			ement Squeeze Record d of Material Used)	Depth
TUBING RECORD:	Siz	ze:	Set At:		Packer	r At:	Liner R		No	
Date of First, Resumed	I Product	ion, SWD or ENHF	ł.	Producing N		ping	Gas Lift	Other (Explain)		
Estimated Production Per 24 Hours		Oil Bb	S.	Gas	Mcf	Wate	ər	Bbls.	Gas-Oil Ratio	Gravity
DISPOSITI	ON OF G	AS:	_		METHOD		TION:		PRODUCTION INTE	RVAL:
Vented Solo	J 🗌	Jsed on Lease		Open Hole	Perf.		Comp.	Commingled		
(If vented, Su	bmit ACC	D-18.)		Other (Specify)	·	(Submit /	,	(Submit ACO-4)	<u></u>	

Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202

Conservation Division Finney State Office Building 130 S. Market, Rm. 2078 Wichita, KS 67202-3802



Phone: 316-337-6200 Fax: 316-337-6211 http://kcc.ks.gov/

Mark Sievers, Chairman Thomas E. Wright, Commissioner Shari Feist Albrecht, Commissioner Sam Brownback, Governor

December 17, 2012

TODD ALLAM Val Energy, Inc. 200 W DOUGLAS AVE STE 520 WICHITA, KS 67202-3005

Re: ACO1 API 15-007-23950-00-00 HARDTNER NORTH 2-33 SE/4 Sec.33-34S-12W Barber County, Kansas

Dear Production Department:

We are herewith requesting that the Well Completion Form ACO-1 and attached information for the subject well be held confidential for a period of two years.

Should you have any questions or need additional information regarding subject well, please contact our office.

Respectfully, TODD ALLAM

				~	
	\bigcirc	PAGE	¢	T NO	INVOICE DATE
		1 of 1		004409	10/26/2012
JBASIL				NVOICE NUMB	
ENERGY SERVICES			171	8 - 9103635	3
Pratt (620	0, 0,2 1201	J LEASE N		Hardtner Nor	th 2-33
B VAL ENERGY		LOCATIO	м	Barber	
L 200 W DOUGLAS AVE STE S L WICHITA	OCT 2 7	2012 STATE		KS	
KS US 67202		T JOB DES	SCRIPTION	Cement-New We	ell Casing/Pi
	TS PAYABLE	- 002 001			
JOB # EQUIPMENT	# PURCH	ASE ORDER N	10.	TERMS	DUE DATE
40527624 27463	97	ØX		Net - 30 days	11/25/2012
	10	QTY	Uof	UNIT PRICE	INVOICE AMOUN
		***	M		
For Service Dates: 10/25/2012 t	o 10/25/2012				
0040527624					
171807152A Cement-New Well Casin	g/Pi 10/25/2012				
Cement 8 5/8" Surface					
60/40 POZ		19	0.00 EA	9.00	1,710.0
Celloflake Calcium Chloride			8.00 EA	2.78	
"Wooden Cmt Plug, 8 5/8"""			2.00 EA 1.00 EA	0.79	
"Baffle Plate Alum., 8 5/8"" (Blue)"		1	1.00 EA	127.50	
"8 5/8"" Basket (Blue)"		1	1.00 EA	236.25	
"Unit Mileage Chg (PU, cars one way)" Heavy Equipment Mileage			5.00 MI 0.00 MI	3.19	
"Proppant & Bulk Del. Chgs., per ton m	il -		1.00 EA	1.20	
Depth Charge; 0-500'			1.00 EA	750.00	
Blending & Mixing Service Charge			0.00 BAG	1.05	
Plug Container Util. Chg. "Service Supervisor, first 8 hrs on loc.			1.00 EA 1.00 EA	187.50 131.25	
				101.20	131
PLEASE REMIT TO:	SEND OTHER CORP	RESPONDENCI	TO:		
BASIC ENERGY SERVICES, LP				SUB TOTAL	5,276.
PO BOX 841903	PO BOX 10460			TAX	162.
,,,, 0201-1903			INVC	DICE TOTAL	5,439.
PO BOX 841903 DALLAS,TX 75284-1903	PO BOX 10460 MIDLAND,TX 7970	02	INVO	TAX DICE TOTAL	



10244 NE Hwy. 61 P.O. Box 8613 Pratt, Kansas 67124 Phone 620-672-1201

FIELD SERVICE TICKET 1718 07152 A

PRESS	URE PUM	PING & WIRELINE					DATE TICKET NO
DATE OF JOB 0-25-	DISTRICT		NEW WELL		PROD INJ WDW CUSTOMER ORDER NO.:		
CUSTOMER VAL ENERGY, INC.					LEASE H	ARN	THER NORTH WELL NO. 2-3
ADDRESS					COUNTY -	BAR	BER STATE KS.
CITY	STATE		SERVICE CREW LESLEY, MARQUEZ, PHUE				
AUTHORIZED BY					JOB TYPE:	CNI	W-876"5.P.
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQU	JIPMENT#	HRS	TRUCK CALLED 10-25-12 PM 1:00
37586	45			1			ARRIVED AT JOB
27463	4.5			Continue Marine	and and the set of the	Contracts	START OPERATION
70959-19918	7.0						FINISH OPERATION
							RELEASED PM 7:30
							MILES FROM STATION TO WELL 55

CONTRACT CONDITIONS: (This contract must be signed before the job is commenced or merchandise is delivered). The undersigned is authorized to execute this contract as an agent of the customer. As such, the undersigned agrees and acknowledges that this contract for services, materials, products, and/or supplies includes all of and only those terms and conditions appearing on the front and back of this document. No additional or substitute terms and/or conditions shall become a part of this contract without the written consent of an officer of Basic Energy Services LP.

> SIGNED: (WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
CP 103	60/40 PDZ	SK	190		2,28000
CC 102	CELLOFLAKE	16	48		17760
CC 109	CALCIUM CHURIDE	16	492		516 60
CF 153	WODEN CMT. PLUG, 85/8"	EA	1		16000
CF 753	ALUMINUM BAFFLE PLATE, 85/8"	EA	1		17000
CF 1903	BASKET, 8%	EA	1		31500
E 100	PICKUP'MILEAGE	MI	55	ः च दार्थः स्तुतिः	23375
E. IDI	HEAVY EQUIPMENT MILEAGE	MI	110		77000
E 113	BULK DELIVERY CHARGE	TM	451		72160
CE 200	DEPTH CHARGE, O-500'	HR	1-4	Number Market State	1,000 00
CE 240	BLENDING SERVICE CHARGE	SK	190	to be to able to an the work	26600
CE 504	PLUG CUNITAINER CHARGE	JOB	1		250m
5003	SERVICE SUPERVISOR	EA	1		17500
				Call States of States	
				SUB TOTAL	571 64
CHI	EMICAL / ACID DATA:			pro (5,276
	SERVICE & EQUIP	MENT	%TA	X ON \$	

CHEMICAL	/ ACID	DATA:

och

SERVICE & EQUIPMENT	%TAX ON \$
MATERIALS	%TAX ON \$

TOTAL

SERVICE REPRESENTATIVE

FIELD SERVICE ORDER NO.

THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY:

(WELL OWNER OPERATOR CONTRACTOR OR AGENT)

CLOUD LITHO - Abilene, TX



TREATMENT REPORT

Customer	AL EN	ERE	941.11	VC.	Le	ase No.		* - * * e				Date					-	
Lease HAI	DTALER	11	RTH		W	ell #	2-	33				1	10-	25	-20	Dié	2	
Field Order #	Station		RATT	-Ks				Casing	k"	Depth	DARDER KS,					te Ks.		
Type Job	NW-	8	-1 11	5.P.					Formation 90				Legal Description 33-34-12					
PIPI	E DATA		PERF	ORAT	ING	G DATA FLUID US			USED				TREATMENT RESUME					
Casing Size	Jubing Siz	ze	Shots/F	t	Pu	π-	Ag	id- IOSKS (0/40	POZ		RATE	PRESS		ISIP			
Depth 9.9	Depth		From		То		Pre Pad		alci	FT	Max				5 Min.			
Volume35B	Volume		From		То		Pa	d			Min S	=	41.0	27'	10 Min.			
Max Press	Max Press	s	From		То		Fra	ac	÷)		Avg				15 Min.			
Well Connection	on Annulus V	/ol	From		То						HHP Use	d			Annulus F	Pressu	ire	
Plug Depth	Packer De	epth	From		То		Flu	ush 10.	TBB	SL	Gas Volu	me			Total Loa	d		
Customer Rep	presentative	RA	INBU	- VAL	\$5	Station	n Mar	nager D	Sco-		2	Trea	ater K.	LES	SLEY			
Service Units	37584	27	463	709	59	19918	3								0			
Driver Names	LESLEY		RQUEZ	Piti	Æ		-											
Time	Casing Pressure		ubing essure	Bbls	. Pum	ped		Rate					Service	Log				
3:00 PM									DI	UL	OCATI	ON	- SAI	ETL	1 MEE	TIN	IG	
<									RL	N.	5 55	5.8	5/8"×3	2/#72	CSG.		2	
2									Br	AFFC	EIN	FIR	STC	OLLI	4R			
5:35 PM								-	CS	5G.	ONI	3071						
5:50PM	80.0		T						HC	OKI	UPTO	CSE	n. BRE	AK	CIRC.L	W/R	216	
6. 10PM					5			6	H	20	AHE	4D						
6:13Pm				4	41			6	M	1×1	905K	5. L	alto	POZ	a K	1.8	PPG	
6:20Pm									St	+UT	Daw	a) -	RELE	ASE	EPLC	G		
6:27PM	0	-	1		0		d.	4	13	TAI	RTT	5151	PCAC	EME	ATT			
6:28Pm 6:30Pm	200				5			3	5	1 V V	NKI							
6:30Pm	500			10	0.7	7	(2	17		JDC			SE.	INCO	241	EAD	
		<u> </u>									TH							
		<u> </u>							CI	RC.	10 1	3BL	10	PIT				
		-												~				
		-										JOE	BLOM	IPLE	It,			
		-							+				11	HANK	<5-	/		
									-					RE	VEN	LE'	slēg	
									1									
										5								
				2									18					

10244 NE Hiway 61 • P.O. Box 8613 • Pratt, KS 67124-8613 • (620) 672-1201 • Fax (620) 672-5383

Taylor Printing, Inc. 620-672-3656

	~		PZ	AGE	CI	UST NO	INVOICE DATE
			1	of 1	1.	4409	11/05/2012
					II	VOICE NUMBI	ER
JDAE					171	8 - 9104346	7
ENERGY SE	RVICES		L			0 0101010	
Pratt	(620)	672-1201	JI	EASE NAME	. (Hardtner Nort	h 2-33
	(020)		O I B	OCATION			
VAL ENERGY	3 AVE 978 520			COUNTY		Barber	
WICHITA	DAVE DIE 520		s s	STATE		KS	
	202		тЗ	JOB DESCRI		Cement-New We	ell Casing/Pi
ATTN:	ACCOUNTS	PAYABLE	EJ	JOB CONTAC	T		
		R	EC	EIVF	D		
JOB #	EQUIPMENT #	PURCH	ASE C	RDER NO.		TERMS	DUE DATE
40531026	20920	92	NUV	2 5 2012		Net - 30 days	12/05/2012
				QTY	U of	UNIT PRICE	INVOICE AMOUNT
				211	M	ONTI PRICE	INVOICE AMOUNT
AA2 Cement 60/40 POZ		11/01/2012		125.00 50.00	EA	12.75 9.00	449.9
C-41P				30.00	EA	3.00	
Salt C-44				571.00 118.00	Cesto I I di	0.37 3.86	
FLA-322				95.00		5.62	
Gilsonite				628.00		0.50	
Super Flush II				500.00		1.15	573.73
"Top Rubber Cmt Plug				1.00		78.75	
"Guide Shoe - Regular Flapper Type Insert Flo				1.00 1.00		187.49 161.24	
"Turbolizer, 5 1/2"" (B	NAME OF A DESCRIPTION OF A			5.00		82.50	
"5 1/2"" Basket (Blue)				1.00	100 CONT 6	217.49	1
"Unit Mileage Chg (PU	the second se			55.00		3.19	175.
Heavy Equipment Mile				110.00		5.25	
"Proppant & Bulk Del. Depth Charge; 5001-6				443.00 1.00		1.20 2,159.93	
Blending & Mixing Ser				175.00		1.05	
Plug Container Util. Ch				1.00		187.49	187.
"Service Supervisor, fi	rst 8 hrs on loc.			1.00	EA	131.25	131.
						5 184	
				1.00		6.5	
					1976 1977	67.32	
						3100 2101	
C-926							
	0: S	END OTHER COP	RRESPO	ONDENCE TO):		
COLD BOMO SON PLEASE REMIT T		END OTHER COP			D:	SUB TOTAL	9,231.4
60/40 POX 0-019	ERVICES, LP B.		SERVI		D:		



10244 NE Hwy. 61 P.O. Box 8613 Pratt, Kansas 67124 Phone 620-672-1201

115



1		3	3-	345	- Id VI	/	DATE TICKET NO			
DATE OF JOB	1	DISTRICT Pratt, H	Tansa	45	NEW C (WELL		PROD INJ WDW CUSTOMER ORDER NO.:			
CUSTOMER 1/a) Energy, Incorporated					LEASE Hardtner North WELL NO2.33					
ADDRESS					COUNTY Barber STATE TANSAS					
CITY		STATE			SERVICE CREWC Messich E. Wright T. Adams					
AUTHORIZED BY					JOB TYPE: C. N. W Lonastlina					
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQL	JIPMENT#	HRS	TRUCK CALLED			
37,216	1.25						ARRIVED AT JOB			
33.708-20.920	1.25	The second second	- Contraction	Ar Saug	and the left of the	17.49 KG	START OPERATION			
5, 100-20, 120	1.00						FINISH OPERATION			
19.959-21.010	1.25						RELEASED 11-1-12 AM 9:30			
							MILES FROM STATION TO WELL 55			

CONTRACT CONDITIONS: (This contract must be signed before the job is commenced or merchandise is delivered).

The undersigned is authorized to execute this contract as an agent of the customer. As such, the undersigned agrees and acknowledges that this contract for services, materials, products, and/or supplies includes all of and only those terms and conditions appearing on the front and back of this document. No additional or substitute terms and/or conditions shall become a part of this contract without the written consent of an officer of Basic Energy Services LP.

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT	
GP 105	AA:2 Cement	SIT	125	5	2125 00	
CP 103	60/40 Poz Cement	St	50	\$	600 00	
					The state of the second second	
CC 105	Defoamer	Lb	30	5	120 00	
CC III	Salt	16	571	5'	285 50	
CC 115	GasBlot	Lb	118	\$	607 70	
CC 129	FLA-322: Fluid Loss	Lb	95	5	712 50	
cc 201	Gilsonite	Lb	628	5	420 76	
CF 103	Jop Rubber Plug, 512"	ea	,1	5	105 00	
CE 251	Regular Guide Shae, 51/2"	ea	1	\$	250 00	
CF 1451	Insert Float Valve, 51/2"	ea	-1	\$	215 00	
CF 1651	Turbolizer, 51/2"	eq	5	5	550 00	
CF 1901	Bashet, 51/2"	eq	1	\$	290 00	
- 1		21				
CC 155	Super Flush IL	Gal	560	\$	765 00	
Contracting of the second						
CHEMICAL / ACID DATA:						

CHEMICAL / ACID DATA:		DLS	e. interior
	SERVICE & EQUIPMENT	%TAX ON \$	
	MATERIALS	%TAX ON \$	
		TOTAL	

THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY:

FIELD SERVICE ORDER NO.

SERVICE

REPRESENTATIVE

(WELL OWNER OPERATOR CONTRACTOR OR AGENT)

P.O. Box 861 Pratt, Kansas	3 s 67124	-12W		DATE TICKET NO. 7291				
transa	5	WELL OL		PROD INJ WDW CUSTOMER ORDER NO.:				
CUSTOMER 1/al Energy Incorporated				LEASE Hardtner North WELL NOZ-				
		COUNTY BO	arb	er STATE Tansas				
		SERVICE CRE	w.M.	essich E. Wright T. Adams				
	inter o	JOB TYPE:	NW	-Lonastring				
HRS	EQU	JIPMENT#	HRS	TRUCK CALLED DATE AM TIME				
			-	ARRIVED AT JOB				
And a state of the	P.O. Box 861 Pratt, Kansa Phone 620-67 33-3 Hansa Dorated		P.O. Box 8613 Pratt, Kansas 67124 Phone 620-672-1201 33-345-12W Hansas NEW P ON WELL W Dorated LEASE Ha COUNTY B SERVICE CRE JOB TYPE:C	P.O. Box 8613 Pratt, Kansas 67124 Phone 620-672-1201 33-345-12W Hansas NEW POLD WELL WELL COUNTY Barb SERVICE CREW JOB TYPE: C. N. W				

CONTRACT CONDITIONS: (This contract must be signed before the job is commenced or merchandise is delivered).

The undersigned is authorized to execute this contract how an agent of the customer. As such, the undersigned agrees and acknowledges that this contract for services, materials, products, and/or supplies includes all of and only those terms and conditions appearing on the front and back of this document. No additional or substitute terms and/or conditions shall become a part of this contract without the written consent of an officer of Basic Energy Services LP.

(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

AM

START OPERATION

FINISH OPERATION

MILES FROM STATION TO WELL

RELEASED

	ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AN	ND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
P	F 100	Pictup Mileage	elementere la manere de encores este l	mi	55	5	233 75
5	FIOL	Heavy Equipment Mile	mi	110	\$	770 00	
P	E 113	Bult Delivery			443	5	708 40
	and the second sec			1-1		1	
	and the second second				1. 2. A.S.	the second star	and satisfies the st
2	CE 206	Cement Pump: 5,001 Fee	t To 6,000Feet	hrs	4	5	2,880 00
2	CE240	Blendingand Mixing Se	rvice	SIT	175	\$	245 00
	CE 504	PlugContainer		Job	1	\$	250 00
5	6000	C C	Course they experience in a subscreep outfiller	hrs.	8	4	17500
	5003	Service Supervisor		115	0	4	11500
-							
					-		
		and and a second se					
		and the second				SUB TOTAL	1531 111
	CHI	EMICAL / ACID DATA:				DLS 5	9,231 70
			SERVICE & EQUIPM MATERIALS	MENT	and the second se	X ON \$ X ON \$	
	and the second second		MATERIALS	the starts	/01A	TOTAL	
						IOTAL	
٢	0551405			105		1	1
	SERVICE	4 1/1 11	HE ABOVE MATERIAL AND SERV		BY.	Auda	La TH

FIELD SERVICE ORDER NO.

(WELL OWNER OPERATOR CONTRACTOR OR AGENT)



TREATMENT REPORT

07					1 4					
Customer Energy,	Incorporated Well	* ~	÷ .	Date	1-1	- 1 ()				
L'ease Hardtner	North	2-22	Death		1 -					
Field Order # Station	Pratt, transas	Casing	Depth	5,205Feet	Barber	State				
Type Job C. N. W Longstring Formation Legal Description - 12W										
PIPE DATA	PERFORATING DA	MAD NT FEELIDU								
Casing Size Tubing Size	Shots/Ft 125	Sachis AA2	cement	WITH.OBT	RESS 322	ISIB 58 Defoamer,				
Depth 5205Fee	From 86090Blo	TIO8Salt,	51b.15	Max ilson it	e	5 Min.				
Volume Bbl. Volume	From To 5.	316 /Gal. 5	45 Gal	SHE, 1.36 CV.	, []. [5]	10 Min.				
Max Press 500 P.S. T Max Press	From To	Frac		Avg		15 Min.				
Well Connection Annulus Vol	From 50 50 Clous 0	0/40 Pozto Plu	991111	HHB Used (15)an	amouse	Annulus Pressure				
Plug Depth Packer Dep	From Io	Flush 23	VENT	Gas Volume SAS Wolume		Total Load				
Customer Representative	andy Smith s	tation Manager Dau	lid Sco	Treater	Clarence	R. Messich				
Service Units 37,216	33,70820,920 19	959 21,010								
Names Messich Casing	Wright Tubing	Adams								
Time Pressure	Pressure Bbls. Pumped	Rate		S	Service Log					
1:45			Cemente	erand Float	Equipm	ient on location.				
215	Tructos	0	1	ld safety	Meeting					
400 Val Drill	lingstart torun					p Fill Insert				
Sciewed				nix-dused I						
	ry. A Bastret Was	Installedons	hoe Join	t. Turbolizere	Wereinst	alledonCollars#				
1,3,5,7	9, and # ##.		0			0 11 5				
7:20			<u></u>	9	irculate	for 45 minutes.				
	2,000	(J III III	Well- Messu)pen Well.				
8:01 350	20	6	CI IC	resh water	re-t lvs	λ				
	20	6	Starts	upert lush						
0:16 20	32	5		resh Water						
8:10 350	35	5	Start M	ixing 1255ac		1				
	65		Stoppur	DII	DI A	shpump and lines				
0.04			Release		1109	Den Well.				
8:20 100	L. all	6.5	C1	resh Water [ent.				
8:10 100	104	5	DI I	oliftceme	ent.					
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