Kansas Corporation Commission Oil & Gas Conservation Division

RECEIVED Form Acu-, September 1999 Form Must Be Typed

WELL COMPLETION FORM

WELL HISTORY - DESCRIPTION OF WELL & LEASE KCC MICHIE

CONFIDENTIAL I	15-007-227200000 ODTG NA
Operator: License # 9482 UNTILL HERSE	API No. 15 - 15-007-227200000 ORIGINAL County: Barber
Name: Hattorial I da ordani (cool to)	SE NW NE Sec. 31 Twp. 31 S. R. 12 East West
Addi 655.	1170 feet from S / (Circle one) Line of Section
City/State/Zip: Wichita, KS 67226	feet from E / W (circle one) Line of Section
Operator Contact Person: T.C. Bredehoft, II	Footages Calculated from Nearest Outside Section Corner:
Phone: (316) 681-3515	(circle one) (NE) SE NW SW Lease Name: Hall Well #: 3
Contractor: Name: Sterling Drilling Co. NOV 2 0 2002	Field Name: Maryhall
License: 5142	Producing Formation: D&A
Wellsite Geologist: Ken LeBlanc CONFIDENTIAL	Elevation: Ground: 1532 Kelly Bushing: 1541
Designate Type of Completion:	
New Well Re-Entry Workover	Total Depth: 4537' Plug Back Total Depth: 278'
Oil SWD SIOWTemp. Abd.	Amount of Surface Pipe Set and Cemented at 278' Feet
Gas ENHR SIGW	Multiple Stage Cementing Collar Used?
Dry Other (Core, WSW, Expl., Cathodic, etc)	If yes, show depth setFeet
If Workover/Re-entry: Old Well Info as follows:	If Alternate II completion, cement circulated from
Operator:	feet depth to
Well Name:	Drilling Fluid Management Plan Politica 3 23.0
Original Comp. Date: Original Total Depth:	(Data must be collected from the Reserve Pit)
Deepening Re-perf Conv. to Enhr./SWD	Chloride content 8,000 ppm Fluid volume 160 bbls
Plug BackPlug Back Total Depth	Dewatering method used water hauled and natural dehydration
Commingled Docket No	Location of fluid disposal if hauled offsite:
Dual Completion Docket No	Operator Name: Bemco
Other (SWD or Enhr.?) Docket No	•
Oct. 17 2002 Oct. 24, 2002 /0.25.03	Lease Name: Mac SWD License No.: 32613
Spud Date or	Quarter Sec. 7 Twp. 32 S. R. 11 East ✔ West County: Barber Docket No.: D-CD78217
INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas 67202, within 120 days of the spud date, recompletion, workover information of side two of this form will be held confidential for a period of 12 107 for confidentiality in excess of 12 months). One copy of all wireline logs at TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. All requirements of the statutes, rules and regulations promulgated to regulate herein are complete and correct to the best of my knowledge.	or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. It months if requested in writing and submitted with the form (see rule 82-3-10d geologist well report shall be attached with this form. ALL CEMENTING Submit CP-111 form with all temporarily abandoned wells.
Signature: GCI reductor, II	KCC Office Use ONLY
Title: Vice-President / Date: 11/20/02	Letter of Confidentiality Attached
Subscribed and sworn to before me this 20th day of Movember	If Denied, Yes Date:
	Wireline Log Received
w 2002	Geologist Report Received
Notary Public Susan E. BRE	DEHOFT UIC Distribution
Date Commission Expires: 5-13-05 NOTARY PUR	
My Appt. Exp. 5	

Side Two

ORIGINAL

perator Name: Nat	ional Petroleum l	Reserves, Inc.	Lease	Name: H	all		Well #: 3			
•	1 s. R. 12			:_Barbe						
sted, time tool oper emperature, fluid red	and closed, flowing overy, and flow rates	nd base of formations p and shut-in pressures, if gas to surface test, nal geological well site	whether shalong with f	ut-in pres	sure reached s	tatic level, hydros	static pressur	es, bottom hole		
rill Stem Tests Take (Attach Additional		XX Yes No		Lo	g Formatio	n (Top), Depth a	nd Datum	Sample)	
amples Sent to Geo		₩Yes No		Name			Тор	Datum		
rres Taken	·	* No		Tope			18	-1477		
ectric Log Run (Submit Copy)				Heeb	vaka Sh oner Douglas	35	54 03 38	-1813 -1961 -2097		
st All E. Logs Run:	CN/DL DIL	RECEIN	/ED	Lans	-		91	-2150 -2647		
A 200	KCC	_	NOV 2 1 2002 Vio				-2895 -2978			
N	OV 2 0 2002	KCC WIC								
CO	NFIDENTIAL	Report all strings set			mediate, product	1				
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Wei Lbs.		Setting Depth	Type of Cement	# Sacks Used	Type and Per Additives		
Surface 12 1/4"		8 5/8"	20#		278 '	60/40poz	190	2%gel 3%	сс	
		'								
		ADDITIONA	L CEMENTI	NG / SQU	EEZE RECORD					
Purpose: Depth Top Bottom Perforate Protect Casing		Type of Cement	#Sacks		Type and Percent Additives					
Plug Back TD Plug Off Zone										
Shots Per Foot		ON RECORD - Bridge Plu Footage of Each Interval Pe				cture, Shot, Cement			epth	
TUBING RECORD	Size	Set At	Packer /	At	Liner Run	Yes No				
ate of First, Resumed	Production, SWD or E	nhr. Producing Me	thod	Flowing	g Pumping Gas Lift (ther <i>(Explain)</i>		
stimated Production Per 24 Hours	Oil	Bbls. Gas	Mcf	Wate	г В	bls. G	as-Oil Ratio	Gra	∕ity	
isposition of Gas	METHOD OF C	OMPLETION			Production Inter	val				
Vented Sold	Used on Lease	Open Hole	Peri	f. D	ually Comp.	Commingled		Releas	6 3-	

From Contide Hal

KCC NOV 2 0 2002

CONFIDENTIAL

CONFIDENTIAL

ORIGINAL NOV 2 1 2002 KCC WICHITA

DST 1) 3636-3650 (Lower Douglas Sand)

[Slid tool 10-12 feet to bottom, plugging on first open ,flushed tool twice on 2nd open]

Times: 30-30-30-30

1st open: weak surging blow thru-out built to 11 inches, NO GAS TO SURFACE

(NO BLOWACK)

2nd open: fair surging blow built to BOB in 14 minutes, NO GAS TO SURFACE

(NO BLOWBACK)

REC: 200' Gas in Pipe

120' Very Heavy Drilling Mud

120' TOTAL FLUID

chlorides of mud system: 7,000 ppm chlorides of fluid recovery: Not Available

Alpine Recorder (electronic)

IHYD: 1800 psi IFP: 76-81 psi IBHP: 1244 psi FFP: 73-108 psi FBHP: 1253 psi FHYD: 1752 psi.

TEMP: 112 degrees F

Tester: Gene Budig, Superior Enterprises, Inc., Great Bend, Kansas

Note: conventional DST (dual packers, electronic recorders, safety joint)

NO circulating sub, jars or bottom sampler

Release 2-1-2005 Confide Mal

KCC

NOV 2 0 2002

ORIGINAL

CONFIDENTIAL
10 3638 - 3652 (Lower Douglas Sand) Times: 30-30-90-60

RECEIVED

NOV 2 1 2002

KCC WICHITA

1st open: good blow OBOB in 30 seconds - NO GAS TO SURFACE

	time	orfic (Merl	<u>æ</u>	Inches of <u>Wate</u> r	volume
2nd open:	strong blo	ow OBOB 0.50 i		ately, GTS/ 10 in.	
•	20" 30"	0.50 i	nch	28 in.	19.9 MCFG 33.2 MCFG
	40"	0.50 i	nch	38 in. 60 in.	38.6 MCFG 48.8 MCFG
1	50" 60"	0.50 i		60 in. 94 in.	54.7 MCFG 60.6 MCFG
			-	PSI (LBS)	
	70" 80" 90"	0.50 is 0.50 is	nch 4	4 in. 4.5 in. 5 in.	68.8 MCFG 73.6 MCFG 78.1 MCFG

Rec: 350' Gas Cut Muddy Water 350' Total Fluid

chlorides of mud system: 7000 PPM chlorides of formation water: 48000 PPM

Alpine (electronic recorders)

IHYD: 1739 psi IFP: 56-111 psi IBHP: 1181 psi FFP: 95-162 psi FBHP: 1222 psi FHYD: 1754 psi

TEMP: 115 degrees F

Tester: Gene Budig: Superior Testers Enterprises, Inc., Great Bend, Kansas

Note: conventional DST [dual packers, safety joint, electronic recorders] NO circulating sub, bottom sampler or jars

KCC .NOV 2 0 2002

ORIGINAL

CONFIDENTIAL

DST 3) 4186 - 4243 (Miss. Chert) Times: 30-30-60-75

1st open: packer failed then held, bled off blow, built to OBOB in 4 minutes NO GAS TO SURFACE

2nd open: fair blow built to OBOB in 2 minutes, NO GAS TO SURFACE

Rec: 60' Gas in Pipe

150' Mud

250' Gas Cut Muddy Water

400' Gas Cut Slightly Muddy Water

1750' Gassy Water

2550' Total Fluid

RECEIVED

NOV 2 1 2002

KCC WICHITA

[A GOOD SHOW OF FREE OIL ON THE LOWER BLANKED OFF RECORDER - NO SHOWS OF OIL IN FLUID RECOVERY]

chlorides of mud system: 4500 PPM chlorides of formation water: 111000 PPM

__<u>Alpine</u>_ (electronic recorders)

IHYD: 2082 psi IFP: 246-730 psi IBHP: 1678 psi FFP: 746-1210 psi FBHP: 1639 psi FHYD: 2066 psi

TEMP: 121 degrees F

Tester: Gene Budig: Superior Testers Enterprises, Inc., Great Bend, Kansas

Note: conventional DST [dual packers, safety joint, electronic recorders]
NO circulating sub, bottom sampler or jars

NOV 2 0 2002 TREATMENT REPORT

Content P Co			CONFIDENTIAL CUStomer / P / P						Date								
Fig. Depth Pocker Depth Prom To Frac Note Control Promotion To Pressure Prom To Frac Note Control Promotion To Pressure Prom To Pressure			} [Kor	Cust	omer	PR					10-2	5-02			
Type Job PTA VCC Dell Formation Legal Deseggion 1/2	SER	VICES	. 5	C		Leas						Lease No. Well # 3					
Promation Prom	Field Order #	Statio	on P	ra-H	185			Casing	785	Depth 215	5	County	Barbe.	r	State	Ks	
PIPE DATA	Type Job	OTA,	1	,)e][Forma	ation					5-1	26.	
Depth	PIF	PE DATA			RFORATIN	G DATA	DATA FLUID USED						TREATM	ENT RES	UME		
Depth Depth Color From To Prophy 43 33 7 1 1 10 Mar. Volume Volume Proon To Pady 143 33 7 1 10 Mar. Marchael May Press Proon To Pady 118 1/18 1/18 1/18 1/18 1/18 1/18 1/18	Casing Size	Tubing \$	Size	Shots/F	ft			Acid 125	1. 60140 00 (8 TH)			RAT					
Volume Volume From To Pady 188 56 Mm 10 Mm. Max Press Max Press From To Frue To Frue Avg 15 Mm. Well Connection Annulus Vol. From To Flush Gas Volume Total Load Customer Representative office From To Flush Gas Volume Total Load Customer Representative office From To Flush Gas Volume Total Load Sarrice Units Time Pressure From To Flush Gas Volume Total Load Sarrice Units Time Pressure From To Flush Gas Volume Total Load Sarrice Units Time Pressure From To Flush Gas Volume Total Load Sarrice Units Total Load Gas Volume Total Load Sarrice Units Time From To Flush Gas Volume Total Load Sarrice Units Treater Office Total Conference Office Offic	Depth			From													
Max Press	Volume					1	Pad		Bbli	5011	Min	n		10 M in.			
Well Connection Annulus Vol. From To Flush To Flush Gas Volume Total Load	Max Press				r	F		Frac	<u> </u>		Av	9. ,		15 N	lin.		
Plush Pecker Depth From To Flush Case Volume Total Load	Well Connect	7 4 42 4							· · · · · · · · · · · · · · · · · · ·	HHP Used		IP Used		Ann	Annulus Pressure		
Customer Representative annie Sc cage Station Manager Dave Aufty Treater D. Sc off	Plug Depth	Packer [Depth					Flush	, in ()	La company	Ga	s Volume		Tota	l Load		
Service Units	Customer Rep	presentative /	- MM .			7	Manag	er /)	0 A	7 100		Treater	1) 5	r St			
Time Casing Pressure Bble. Pumped Rate Service Log	0	,	<i>annie</i>	<i>مي کر.</i> سا	10ga					9,47		1	Tour tour t				
0800 0800		Casing			Bbls. Pum	ped	J	Rate				Ser	vice Log	L	<u></u>		
D.P. 2600 305Ki 1010 300 15 5 Hs0 spacer 1013 300 14 5 Mix Part 213:1019 305Ki 1016 100 5 5 Belence Disp Part 1045 260 15 5 Mix Part 213:1019 505Ki 1648 200 14 5 Mix Part 213:1019 505Ki 1651 100 2 5 Balance & Disp Part 1100 2.8 2 105Ki 2 40 12-11-2005 1115 112 2 Plug Rothole 1/155Ki Confidential 1120 2.8 2 Plug Rothole 1/155Ki Confidential 1120 2.8 2 Plug Mouse hole 1/105Ki 1355Ki		riessuie	-100	-Sui 6					01	1 w/	: 1/:	10	/ //				
1613 300 14 5 Mix Part 2/3.70, g 505Mi 1616 100 5 5 Belower Disp Part 1645 260 15 5 Mix Part 2/3.70, g 505Mi 1648 200 14 5 Mix Part 2/3.70, g 505Mi 1651 100 2 5 Balance Disp Part 1661 100 2 5 Balance Disp Part 1688e 1100 2.8 2 105Mi 2 H0' 12+1-2005 From 1115 412 2 Plug Ret hole 1/35Ki Commented 1120 2.8 2 Plug Novie hole 1/05Ki 1130 3.8 1 Plug Movie hole 1/05Ki	0000								$\frac{1}{n}$	0 260	<u> </u>	60 ch	y Mit	/			
1613 300 14 5 Mix Part 2/3.70, g 505Mi 1616 100 5 5 Belower Disp Part 1645 260 15 5 Mix Part 2/3.70, g 505Mi 1648 200 14 5 Mix Part 2/3.70, g 505Mi 1651 100 2 5 Balance Disp Part 1661 100 2 5 Balance Disp Part 1688e 1100 2.8 2 105Mi 2 H0' 12+1-2005 From 1115 412 2 Plug Ret hole 1/35Ki Commented 1120 2.8 2 Plug Novie hole 1/05Ki 1130 3.8 1 Plug Movie hole 1/05Ki	1616		30	0	11			<u></u>	1/2	05-	<u> </u>	2(/)/(1				·	
1016 1016 1016 1016 1016 1017 1018 1018 1019 1018 100 100 100		.,			14			5	MI	Mark 3	7/2 1	7	SO M	1.15		1	
1645 260 15 5 H10 Spacer 1648 260 14 5 Mix (mt 2 B. 1pp, 50 still 1651 100 2 5 Balance & Disp (mt Release 1100 28 2 10 ski 2 40 From 1115 412 2 Plug Rothole 4/15 ski Consideration 1120 2.8 2 Plug Mouse hole 4/10 ski 1120 2.8 2 Plug Mouse hole 4/10 ski 1135 sti. 60/40 202 6% Total 6c/					- ' -			5	R	1197 0	1) /	Dog G	4 3	A. Carrier			
1048 200 14 3 Mix (mt 2 B.1pm, 505/11 100 2 5 Balance & Disp (m+ Release 1100 2.8 2 105Ki 2 40' F-1-1-2005 From 1115 412 2 Plug Rethole W/35Ki Consideration 1120 2.8 2 Plug Mousehole W/105Ki 1355/i 60/40 por 690 Total 601	10.16		10	0	· ·				00	ICHTEA	<u> </u>	1 19	N. J.	***	, , ,	· 2.	
1048 200 14 3 Mix (mt 2 B.1pm, 505/11 100 2 5 Balance & Disp (m+ Release 1100 2.8 2 105Ki 2 40' F-1-1-2005 From 1115 412 2 Plug Rethole W/35Ki Consideration 1120 2.8 2 Plug Mousehole W/105Ki 1355/i 60/40 por 690 Total 601	1646		26	50	15			4	H	10 50	600			,			
100 2 5 Balance & Disp Cat Release 1100 2.8 2 105Ki D 40' 1-2-11-2005 From 1115 412 2 Plug Rethole 4/155Ki Confidential 1120 2.8 2 Plug Meusehole 4/105Ki 1355Ki 60/40 202 6% Total 6e1					14		, , ,	5	Mais	1 Aust) B	1	60:01	v:	7		
1100 2.8 2 105ki 2 40' FRA 11-2005 From 1115 412 2 Plug Rothole W/15ski Comminmental 1120 2.8 2 Plug Mouse hole Y/10ski 135ski 60/40 202 690 Total 601					1	. ,		5	R	lances	1	11)				<i>2</i> -	
1100 2.8 2 105ki 2 40 From 1115 412 2 Plug Rethole 4/155ki Confidential 1120 2.8 2 Plug Mousehole 4/105ki 1355ki 60/40 202 696 Total 601		-					*40		1/3/1		121	1			slas		
1115 412 2 Plug Rathole W/15ski Consideration 1120 2.8 2 Plug Mousehole 4/10ski 135ski 60/40 por 690 Total Gel	1100			-	2.8		,	7	100	11 D 7	10			i per gina p	- h-D	005	
113 2 Plug Rothole "//35ki Consideration" 1120 2.8 2 Plug Mouse hole 4/105ki 1355ki 60/40 por 690 Total 60/	11.00									•				_	Fran		
1120 2.8 2 Plug Mouse hole 4/105/11 1355/1, 60/40 por 690 Total 60/	1115				41.2		,	2	PI	ue Red	- hol	e w//	5 ski	Co	estate	a Hal	
1355/1, 60/40 302 690 Total 60/	2 Street									1							
1355/1, 60/40 302 690 Total 60/	1120				2.8		****	2	PI	49 Me	5010	hole	4/105	Ki			
No. 2					***************************************					J							
No. 2					pl				13:	5 5 Hi 6	60/4	0 002	690 7	6 ta / 6	6/		
Joh Complete Thank you Scotty				\	2							1	·		****		
Joh Complete Thank you Scotty										í							
Thank you Scotty	L SOFT SERVER				<u>. </u>					Soh,	1 pm	nlette		***********			
				."							1	Tha	N/CV	104 5	cotts	/	

- CONFIDENTIAL KCC NOV 2 0 2002 INVOICE NO. FIELD ORDER Date Lease Customer ID County State Depth Formation Shoe Joint Casing Depth Vew Well Customer Representative Treater GNNIP AFE Number PO Number Materials X Received by ACCOUNTING Product MATERIAL, EQUIPMENT and SERVICES USED UNIT PRICE AMOUNT QUANTITY CORRECTION AMOUNT UNITS /wa MILES MILES Release **PUMP CHARGE** 1860.10

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

Confidential

As consideration, the Customer agrees:

- a) To pay ACID SERVICES, LLC in accord with the rates and terms stated in ACID SERVICES, LLC's current price list. Invoices are payable NET 30 after date of invoice. Upon Customers' default payment of Customer's account by the last day of the month following the month in which the invoice is dated, Customer agrees to pay interest thereon after default at the highest lawful contract rate applicable but never exceed 18% per annum. In the event it becomes necessary to employ attorneys to enforce collection of said account, Customer agrees to pay all collection cost and attorney fees in the amount of the unpaid account.
- b) To defend, indemnify, release and hold harmless ACID SERVICES, LLC, its divisions, subsidiaries, parent and affiliated companies and the officers, directors, employees, agents and servants of all of them from and against any claims, liability, expenses, attorney's fees, and costs of defense to the extent permitted by law for:
 - 1. Damage to property owned by, in the possession of, or leased by Customer, and/or the well owner (if different from Customer), including, but not limited to, surface and subsurface damage. The term "well owner" shall include working and royalty interest owners.
 - 2. Reservoir, formation, or well loss or damage, subsurface trespass or any action in the nature thereof.
 - 3. Personal injury of death or property damage (including, but not limited to, damage to the reservoir, formation or well), or any damages whatsoever, growing out of or in any way connected with or resulting from pollution, subsurface pressure, losing control of the well and/or a well blowout or the use of radioactive material. The amount of this invoice is due and payable at ACID SERVICES, LLC, Dept. No. 1131, Tulsa, Oklahoma 74182. All terms of the Service Order with customer are incorporated herein and made a part hereof by reference.

The defense, indemnity, release and hold harmless obligations of Customer provided for in this Section b) and Section c) below shall apply to claims or liability even if caused or contributed to by ACID SERVICES, LLC's negligence, strict liability, or operated, or furnished by ACID SERVICES, LLC or any defect in the data, products, supplies, materials, or equipment of ACID SERVICES, LLC whether the preparation, design, manufacture, distribution, or marketing thereof, or from a failure to warn any person of such defect. Such defense, indemnity, release and hold harmless obligations of Customer shall not apply where the claims or liability are caused by the gross negligence or willful misconduct of ACID SERVICES, LLC. The term "ACID SERVICES, LLC" as used in said Sections b) and c) shall mean ACID SERVICES, LLC, its divisions, subsidiaries, parent and affiliated companies, and the officers, directors, employees, agents and servants of all of them.

- c) That because of the uncertainty of variable well conditions and the necessity of relying on facts and supporting services furnished by others, ACID SERVICES, LLC is unable to guarantee the effectiveness of the products, supplies, or materials, nor the results of any treatment or service, nor the accuracy of any chart interpretation, research analysis, job recommendation or other data furnished by ACID SERVICES, LLC. ACID SERVICES, LLC personnel will use their best efforts in gathering such information and their best judgment in interpreting it, but Customer agrees that ACID SERVICES, LLC shall not be liable for and Customer shall indemnify ACID SERVICES. LLC against any damages from the use of such information.
- d) That ACID SERVICES, LLC warrants only title to the products, supplies, and materials and that the same are free from defects in workmanship and materials. THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED OF MERCHANTABILITY, FITNESS OR OTHERWISE WHICH EXTEND BEYOND THOSE STATED IN THE IMMEDIATELY PRECEDING SENTENCE. Acid Services LLC's liability and Customer's exclusive remedy in and cause of action (whether in contract, tort, breach of warranty or otherwise) arising out of the sale or use of any products, supplies or materials in expressly limited to the replacement of such products, supplies or materials on their return to ACID SERVICES, LLC or, at ACID SERVICES, LLC's option, to the allowance to the Customer of credit for the cost of such items. In no event shall ACID SERVICES, LLC be liable for special, incidental, indirect, punitive or consequential damages.
- e) To waive the provisions of the Deceptive Trade Practices Consumer Protection Act, to the extent permitted by law. We certify that the Fair Labor Standards Act of 1938, as amended, has been complied with in the production of goods and/or with respect to service furnished under this contract.
- f) That this contact shall be governed by the law of the state where services are performed or materials are furnished.
- g) That ACID SERVICES, LLC shall not be bound by any changes or modifications in this contract, except where such change or modification is made in writing by a duly authorized manager of ACID SERVICES, LLC.

LANNY SALOGA Treater SEBA	28
Customer ID County BALLER County B	2W
County BALDER FORMAL State KS Station RATT Depth Formation Shoe Joint 15 to Req. Casing 85/8 Casing Pepth TD 280' Suchace William Customer Representative Customer Representative Treater SEBA	
CONSTITUTE VETERIEUM RESERVES Casing 85/8 Casing Depth 15 (o. Req., 279.36) Cystomer Representative Customer Representative Treater SEBA Cystomer Representative Treater SEBA	· WEC
Casing 85/8 Casing Pepth TD 280′ Subtracts Williams Countries Countries Countries Countries Williams Countries Count	WEU
Cystomer Representative LANN SALOGA Treater SESA	WEU
A PUR N	
AFE Number PO Number Materials Received by X	
Product Code QUANTITY MATERIAL FOLIPMENT and SERVICES LISED ACCOUNTING	
D-203 190 SKS 60/40 PGZ UNIT PRICE AMOUNT CORRECTION A	MOUNT
C-310 492 lbs Calcour CHIDESDE	
C-145 41 lbs CALPIAKE	
F-143 EA WOODEN Plug 85/8	
Barrell Control Contro	
MW 2 1	
VCC VVC TA	
KCC VIII COM	
	
	1
	'
E-107 1905 CEMENT STEN CHARGE	
The state of the s	
E-100 30 ms units /way miles 30 E-104 246 tons miles	
R-200 LEA EA. 27 % 310 PUMP CHARGE	
2-701 I EA CEMENT HEAD RENTAL Release	
2-11-20	· Martine
DISCOUNTED POTCE = 2.951.99 From	
T (TVNR)	21
10244 NE Hiway 61 · P.O. Box 8613 · Pratt, KS 67124-8613 · Phone (620) 672-1201 · Fax (620) 672-5383 TOTAL	

KCC

ORIGINAL

TREATMENT REPORT NOV 2 0 2002

	,					Customer	CONFIL	DENTIAL	Date				
Marie Ma						Cuttoner	G. 45 C	ET. RES.	1 /0-1-	7-02			
EB		s L	LC			.0880	1-10	11	Lease No.	, <u>, , , , , , , , , , , , , , , , , , </u>	Well#	3	
Field Order	Star	tion P	TAKE				Casing	5/8 Depth 278.3	County	Baeher		State	
Type Job	face	NEL		JBU.			<u></u>	Formation	<u> </u>	Legal Descri	ption)	נק	
	PE DATA		1	ERFORA	TING D	ATA	, · · · · · · · · · · · · · · · · · · ·	LUID USED	Т	REATMENT	BEST IN	<i>7 2W</i>	
Casing Size	Tubing	Size	Shots/	Ft	I		Anie 190 4	in the state of th	RATE	»PRESS			
Depth	Depth	`.	From		 		Pre Pad	6Ks 60/40 R2	Max		5 Min.		
Volume	Volume	9			To		Dadi /	COUPLAKE	Min	1 2 2 2 3 3 3 3 3	10 Min.		
Max Press	Max Pr	988	From		То		Final - 1		Avg		15 Min.		
Well Connec	tion Annulu	s Vol.	From	,	То		17.1	Car 1.25ft3	HHP Used		Annulus I	Proceuro	
Plug Depth	Packer	Depth	From		То		Flush	The state of the s	Gas Volume		Total Los		
Customer Re	presentative j	ar t	From	Europe Service		ion Mana			Treater		TOTAL COM		
LAN	vy Sali	DCA_		<u> </u>	_		D.HU	Tey	in control (%)	SEBA			
Service Units	Casing	Ti	ubing .	114		23	38	71	, , ,				
Time	Pressure		esure	Bbis.	Pumped		Rate		Service	e Log	W-1200		
10:30	<u> </u>	<u> </u>				- ato 195	to all I. if R	CALLED OUT	, 				
8:00								ONLOW WIT	Us ESA	PETY M	T Ġs.		
						1011	1 2002						
							moult!	RUN 6513	898 23	156			
				١.,,	K	40 V	AIOE			<i></i>			
9:15								CSG ON BOTT	nm ·	***************************************			
4'. 								Hook up To					
9:20								Beink Circ	1				
9'.35	100			10)		5	1					
					.30	†	$\overline{}$						
9:44		1)	mox & Rump					
		 				 	$\overline{}$	SHUT DOWN					
9'45			- 	· · · · · · · · · · · · · · · · · · ·		/	/	RECEASE PL	6 878		***************************************		
9,48	150,			14	78			START DESP	,				
7,49	1,55,			17.1		 		Plug pow					
,			\dashv	1//	/	<u> </u>		Close VALUE ON	1 US6				
		-		······································	······································							ease-	
		 						Good CALL	*				
				·				CIVE 20	sts to	PIT	2 L	200s	
		40-									Can	iviii Mara a	
			$-\!$					703 Con	nf 137E		- 18 G 21 1 F	and Meaning Description	
								C P Mr. S. S.	THE	Juks 8	aco		
1024	44 NE Hiv	vay 6	1 • P.0	O. Box	8613 •	Pratt,	KS 6712	4-8613 • Phone (6	520) 672 - 120	1 • Fax (6	20) 672-	5383	