| API NO. 15- 135-23.695-00-00

STATE CORPOGATION COMMISSION OF KANSAS OIL & GAS CONSERVATION DIVISION WELL COMPLETION FORM

MELL COMPLETION FORM	County Ness
ACO-1 WELL HISTORY	C N/2 CF CF to 5 to 160 to 21
DESCRIPTION OF WELL AND LEASE	C - N/2 - SE - SE sec. 5 Twp. 16S Rge. 21 x
Operator: License # 8996	990 980 Feet from (S) X (circle one) Line of Section
Name: Mid-Continent Resources, Inc.	660 Feet from E/W (circle one) Line of Section
Address P. O. Box 399	Footages Calculated from Nearest Outside Section Corner: NE, (SE) NW or SW (circle one)
city/State/Zip Garden City, KS 67846	Lease Name Zeller Wett # 1
• • • • • • • • • • • • • • • • • • • •	Field Name Bright NW
Purchaser:	Producing Formation <u>NA</u>
Operator Contact Person: Scott Corsair	Elevation: Ground KB KB Z355'
Phone (<u>913_) -398-2270</u>	
Contractor: Heme: Emphasis Oil Operations	Amount of Surface Pipe Set and Cemented at 208 Fee
License: 8241	
Wellsite Geelogist: Scott Corsair	Multiple Stage Cementing Collar Used? Yes %
Designate Type of Completion	If yes, show depth set Fee'
New Well Re-Entry Workover	If Alternate II completion, cement circulated from
OILSWDSIOWTemp. Abd.	feet depth to w/ sx cmt
Gae ENHR SIEW X Dry Other (Core, WSW, Expl., Cathodic, etc)	Orilling Fluid Management Plan D+A 2-8-13
If Workover/Re-Entry: old well info as follows:	(Data must be collected from the Reserve Pit)
·	
· · · · · · · · · · · · · · · · · · ·	Chloride content 43,000 ppm Fluid volume 175 bbl
	Devetering method usedevaporate
Comp. DateOld Total Depth	Location of fluid disposal if hauled offsite:
Deepening Re-perf Conv. to Inj/SWD PBTD	Operator Name
Commingled Docket No	
Dual Completion Docket No Other (SWD or Inj?) Docket No	License No
8/14/92 8/23/92 8/23/92	Quarter Sec Twp S Rng E/W
Spud Date Date Reached TD Completion Date	County Docket No
i	<u> </u>
INSTRUCTIONS: An original and two copies of this form shall berby Building, Wichita, Kenses 67202, within 120 days of	I be filed with the Kansas Corporation Commission, 200 Colorado of the spud date, recompletion, workover or conversion of a well.
Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information on	side two of this form will be held confidential for a period of
months). One copy of all wireline logs and geologist well	e form (see rule 82-3-107 for confidentiality in excess of 12 report shall be attached with this form. ALL CEMENTING TICKETS
MUST BE ATTACHED. Submit CP-4 form with all plugged we	ills. Submit CP-111 form with all temporarily abandoned wells.
All requirements of the statutes, rules and regulations promule with and the statements herein are complete and correct to t	lgated to regulate the oil and gas industry have been fully complie
1 -1-1	73703 4443
Signature Och Och	ANSAS CONTURATION COMMISSION OFFICE USE ONLY
Titte Geologist Date I	ANSAS CONTURATION CO. Hatter of Confidentiality Attached
Subscribed and sworn to before me this 14th day of Dece	
19 92.	mber MAR 0 5 1995
Hotary Public Stanley B for	KGS
Date Comfession Expires 1-5-96 Stanley R.	(Specify)
NOTARY P	UBLIC
State of Ka	1-5-96 Form ACO-1 (7-91)

Form ACO-1 (7-91)

SID	E T	40 .

Operator Name Mid-	Continent	Resources, Inx	Lease Hame	Zelle	r	Well #	1	
	,	\Box	County	Ness			ŧ	
Sec. <u>5</u> Twp. <u>168</u>	S Rge. 21	☑ _{West}						_
INSTRUCTIONS: Show interval tested, tis hydrostatic pressure if more space is nee	me tool open ar s, bottom hole (nd closed, flowing temperature, fluid r	and shut-in pres	sures. what	her shut-in pre	SSUCE CAS	ched static is	ا 4
Drill Stem Tests Tak (Attach Additiona		☑ Yes ☐ No	□ Log	Formatic	on (Top), Depth	and Datum:	Sample	<u> </u>
Samples Sent to Geol	ogical Survey	□ Yes ☑ No	Name Anhydr	ite	тор 1680		Datum +677	
Cores Taken		☐ Yes ဩ No	Heebne	r	3749		-1392	
lectric Log Run (Submit Copy.)		□ Yee □ No	Lansin BKC Pawnee	_	3790 4072 4141		-1433 -1715 -1784	
let All E.Legs Run: /Dual Induc Neutron PE l		mpensated og	Labett Ft. Sc Cherok Mwisswis	ott ee ,	4204 4230 4238 4312		-1847 -1873 -1881 -1955	
	Report al	CASING RECORD	یں نے ہوں نے		production, et	c.	<u> </u>	
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs./Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Perce	nt
surface	12 1/4	8 5/8	20	208	60/40poz	135	2% gel 3% cc	
	i i 							
<u> </u>			<u> </u>	<u> </u>	<u>i</u>	<u> </u>		_
Purpose:	Depth	ADDITIONA	L CEMENTING/SQUE	EZE RECORD			- 	
Perforate Protect Casing Plug Back TD	Top Sottom	Type of Coment	#Sacks Used		Type and Percen	t Additive	•	
Plug Off Zone				 	<u> </u>			
Shote Per Foot		RECORD - Bridge Pt e of Each Interval		Acid, (Amount an	Fracture, Shot, d Kind of Hater	Coment Sq (al Used)	peeze Record Depth	
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				 				_
TUSING RECORD	Size	Set At	Packer At	Liner Run				_ - -
Date of First, Resum	med Production,	SWD or Inj. Prode	ucing Method		mping Gas Li		han 15	-
Estimated Production Per 24 Hours	1011	Bbls. Ges	Hcf Water		Gas-Oil		Gravity	
isposition of Gas:		, , , , , , , , , , , , , , , , , , ,	THOO OF COMPLETE	ON .			roduction Inter	
Vented Sold (If vented, sub			Hole D Perf.	Oually	Comp. Comm		. Judge from Inter	
	·	L otha	r (Specify)					

SCOTT CORSAIR

Consulting Geologist
211 N. Main P.O. Box 6
Bazine, Ks 67516
913-398-2594 913-398-2270
Mobile 913-731-5060 FAX 913-398-2586

GEOLOGICAL REPORT

MID CONTINENT RESOURCES, INC.

ZELLER #1 C N/2 SE SE SECTION 5-16S-21W NESS COUNTY, KANSAS

KANSAS COLPONATION CO (LUISSIO)

EEEE EO SALA

השנים ומחודי הבים לעל

: 14, 11

Operator:

Well:

Mid Continent Resources, Inc. ORIGINAL

Zeller No. 1

Location:

C N/2 SE SE Section 5-16S-21W

Wellsite:

CRP

Commenced:

August 14, 1992

Completed:

August 23, 1992

Elevations:

2350 GL 2355 KB

Total Depth:

4360 (Driller) 4359 (Log)

Casing:

Surface: 8 5/8 @ 208/135 sacks cement

Production: N/A

Samples:

10 ft. 3700-4190 ft.; 5 ft. 4190-TD

Logs:

Great Guns; Dual Induction, Compensated

Neutron PE Density

Drillstem Tests:

One by Trilobite Testing

Contractor:

Emphasis Oil Operations (Rig 7)

REMARKS: Geological supervision: 3700 - T.D. Pipe strapped

at 4247; 1.42 less than board-no correction.

FORMATION TOPS	SAM	PLES	LOG			
Anhydrite			1680	+677		
Heebner	3746	-1389	3749	-1392		
Lansing	3789	-1432	3790	-1433		
Base Kansas City	4072	-1715	4072	-1715		
Pawnee	4144	-1787	4141	-1784		
Labette Shale	4204	-1847	4204	-1847		
Fort Scott	4231	-1874	4230	-1873		
Cherokee	4236	-1879	4238	-1881		
Mississippian	4310	-1953	4312	-1955		

CORSINGLIO NOTIFICA CO SASMAN

F. 7 0 2 1003

ORIGINAL

SAMPLE ZONE DESCRIPTION Log Measurements

LANSING-KANSAS CITY 3790 -1433

There were no shows of oil/gas observed in the porous zones encountered during the drilling of the Lansing-Kansas City section.

PAWNEE 4141 -1784

There were no shows of oil/gas observed during the drilling of the Pawnee section.

Ft. SCOTT 4230 -1873

<u>Limestone:</u> white with trace of buff, fine crystalline; tight. No shows were noted.

CHEROKEE 4238 -1881

4238-4244 <u>Conglomerate</u>; friable clusters containing poorly sorted, angular, quartz grains, multi-colored chert, buff to white limestone, fair show of free oil, poor fluorescence, good cut fluorescence, no odor.

Drill Stem Test No. 1: 4180-4247 /20-30-5-0/weak 1/2" blow died in 20 minutes; no blow during final flow-pulled tool. Recovered: 5 feet of Mud

IHP 2156.3 IFP 61.2-61.2 ISIP 90.5 FFP 61.2-61.2 FHP 2093.4

4258-4262 2nd Sand: <u>Sandstone</u>; clear; well rounded; well sorted; fine grained, quartz grains; no show.

MISSISSIPPIAN 4312 -1955

4310-4357 <u>Chert</u>; tan to yellow to buff with some white to bone; <u>Dolomite</u>; buff; sucrosic; no show.

... Cau coll dhation compression

MAR 03 1993

CONTRACTOR PUREION

STRUCTURAL CORRELATION Log Tops

Formation	Mid Continent Zeller #1 C N/2 SE SE 5-16S-21W	Mid Continent Lamer # 1-8 C W/2 NW NE 8-16S-21W	Beren Corp. Zeller #1 C SE SE 5-16S-21W
Anhydrite	+677	+689	+681
Lansing	-1433	-1421	-1430
Labette Shale	-1847	-1830	-1844
Cherokee	-1881	-1860	-1874
Mississippian	-1955	-1924	-1942

SUMMARY AND RECOMMENDATIONS

No commercial shows or tests were noted. This well was plugged and abandoned.

Measurements were taken from rotary kelly bushing (5 feet above ground level). Great Guns measurements are taken as correct.

Respectfully,

Scott Corsair

Consulting Geologist

関連(2回位) KANSAS CORPORATION COLL 23/07

MAR 0 3 1993

CONSERVATION DIVISION WICHITA, KS

TRILOBITE TESTING, L.L.C. P.O. Box 362 · Hays, Kansas 67601

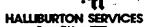
ORIGINAL

Drill-Stem Test Data

Company Address Co. Rep./Geo Location: Sec Interval Tested	P.O.	BOX 39	OF GAR		ES IN	C.		No		70	ne CHERO 235	OKEE S	AN
Address Co. Rep./Geo Location: Sec Interval Tested	SCOTI	CORSA	9 GAR	DEN (CITY	KS 6	7845				235	7	
Co. Rep./Geo Location: Sec Interval Tested			TD							Elevati	on		
Location: Sec	5			_ Cont.	El	MPHAS:	IS F	IG #7			Est. Ft. of P	av	
Interval Tested		Tva	<u>, 16</u>				21W	,	Co	NES	S Sta	KS	
Interval Tested			· P· ——	-		gc							
			4180-	4247			Drill P	ipe Size		4.5"	хн		
Anchor Length			6	57		-	Wt. Pi	pe I.D 2.7	Ft. Run				
Top Packer Depth _			417	75		-		•					
Bottom Packer Dep			419	30		•		//t			9		
·			424	17		_	Viscos	itu		52	Filtrate	12.	
Total Depth						-	VISCO.	,,, <u> </u>	·				
Tool Open @	6:54	PM Initial Blow	WEAK	1/2"	BLOW	DIED	TO	SURFAC	E IN	20 MI	NUTES		
Final Blow	NO BI	OW-PUI	LED TO	OL									
Recovery - Total Fee	et	5			<u>·</u>			Flush Too	1?			,	
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Rec													
									CONS	SERVATIO	II DIVISION		
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RW		ø		PF Chi	lorides —			ppm Recove	гу	Chloride	es <u>N/</u>	A pp	m Syster
(A) Initial Hydrosta	itic Mud _		2156.	3_ _{PSI}	Al	K1 Record	ler No.	22	150		Range _	392	<u>5</u>
, ,			•										
(B) First Initial Flow	v Pressure	·	61.2	PSI		@ (dept	th)	42	17	w/	Clock No	275	73
` '													
(C) First Final Flow	Pressure		61.2	PS1	Al	K1 Record	ler No.	24	174		Range _	305	0
(-)											J		
(D) Initial Shut-in P	ressure		90.5	PSI		@ (dept	th)	42	46	w,	/ Clock No.—	275	01
(5) (((()))						` '	•			•			
(E) Second Initial F	low Press	ure	61.2	PSI	Al	K1 Record	ler No.				Range _		
(E) Second milian	,			,									
(F) Second Final Flo	ow Pressu	ıre	61.2	PSI		@ (dep	th)			w	/ Clock No.—		
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(G) Final Shut-in Pr	recci ire			PSI		Initial One	enina –		20		Final Flow		5
(O) Final Shacili Fi			-										
(H) Final Hydrostat	امن کی مراد		2093.	4 pci		Initial Ch	utin		30		inal Shut-in _		
(п) гілаі нуогозтат	uc MIU0 _			r 31		HILL IDIUM					ar 3119(711 —		
Our Representative		PAIIT.	SIMPSO	N									

CUSTOMER OR HIS AGENT (PIEASE PRINT)

CUSTOMER OR HIS AGENT (SIGNATURE)



URIGINAL 246149-2

APPUCABLE TAXES WILL BE ADDED ON INVOICE.

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HALLIBURTON OPERATOR

CUSTOMER

HALLIBURTON APPROVAL



M 1008 D.7

WORK ORDER CONTRACT AND PRE-TREATMENT DATA

	IGI	N	A	L	
AT	TACH T	O ET N	2	4/01	19

197 DOLLAR CT				INVOICE &	TICKET NO	LICI	//
TRICT Pratt Ps.					DATE 8	15-9	2
THE SAME AS AN INDEPENDENT CONTRACTOR TO:	DESTED TO FI	JRNISH E	Reco	11009		DELIVER AN	ID OPERATE
AND DELIVER AND SELL PRODUCTS, SUPPLIES, AND MATERIALS FO	R THE PURPOSE	OF SERVI	(CÚSTŌME CING	ER)	,		
14. NO LEASE Ze //er		SEC	5	_ TWP	16	S RAN	1GE 21W
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THE FOLLOWING INFORMATION WAS	FURNISHE		T	1		1	MAX. ALLOW.
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STOMER OR HIS AGENT WARRANTS THE WELL IS IN PROPER CONDITION		-	- ·	S, MATERIA	LS, AND SE	RVICES	
As consideration, the above-named Customer agrees: THIS CONTRACT MUST BE							
a) To pay Halliburton in accord with the rates and terms stated in Halliburton's current pri payment of Customer's account by the last day of the month following the month in which but never to exceed 18% per annum, in the event it becomes necessary to employ attor of 20% of the amount of the unpaid account.	the invoice is dated	Customer og	rees to pay interes	st thereon after	default at the I	righest tawful co	ntract rate applicable
 To defend, indemnify, release and hold harmless Halliburton, its divisions, subsidiaries, par any claims, liability, expenses, attorneys fees, and costs of defense to the extent permitted 		mpanies and i	the officers, direct	ors, employees,	ogents and se	vants of all of the	nem from and against

- - 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.
 - Reservoir, formation, or well-loss or damage, subsurface trespass or any action in the nature thereof.
 - Personal injury or 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 defense, indemnity, release and hold harmless obligations of Customer provided for in this Section b) and Section c) below shall apply to chaims or tiability even it caused or contributed to by Halliburton's nogligence, strict liability, or the unseaworthiness of any vessel owned, operated or furnished by Haliburton or any defect in the data, products, supplies, materials, or equipment of Haliburton which is determined by Haliburton or any defect in the data, products, supplies, materials, or equipment of Haliburton which is 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 willul misconduct of Haliburton. The term "Haliburton" as used in said Sections b) and c) shall mean Haliburton, its divisions, subsidiaries, parent and affiliated companies, and the officers, directors, employees, agents and servants of all of them.

- That because of the uncertainty of variable well conditions and the necessity of relying on facts and supporting services furnished by others, Halliburton is unable to guarantee the effectiveness of the products, supplies or materials, nor the results of any treatment or service, nor the occuracy of any chart interpretation, research analysis, job recommendation or other data furnished by Halliburton Halliburton personnel will use their best efforts in gathering such information and their best judgment in interpreting it, but Customer agrees that Halliburton shall not be liable for and Customer shall indemnify Halliburton against any damages arising from the use of such information.
- That Halliburton warrants only title to the products, supplies and materials and that the same are free from detects in workmanchip and materials. THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED, OF MERCHANTABILITY, FITNESS OR OTHERWISE WHICH EXTEND BEYOND THOSE STATED IN THE IMMEDIATELY PRECEDING SENTENCE. Halliburton's liability and Customor's exclusive remody in any 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 Halliburton or, at Halliburton's option, to the allowance to the Customer of credit for the cost of such items, in no event shall Halliburton be liable for special, incidental, indirect, punitive or consequential damages
- That Customer shall, at its risk and expense, attempt to recover any Hulliburton equipment, tools or instruments which are lost in the well and if such equipment, tools or instruments are not recovered. Customer shall pay Halliburton its replacement cost unless such loss is due to the sole negligence of Halliburton. If Halliburton equipment, tools or instruments are damaged in the well, Customer shall pay Halliburton the losser of list replacement cost or the cost of repairs unless such damage is caused by the sole negligence of Halliburton. In the case of equipment, tools or instruments for marine operations, Customer shall, in addition to the foregoing, be fully responsible for loss of or damage to any of Halliburton's equipment, tools or instruments which occurs at any time after delivery to Customer at the landing unital returned to the landing, unless such loss or damage is caused by the sole negligence of Halliburton.
- To waive the provisions of the Deceptive Trade Practices Consumer Protection And to the orders permitted by law.
- That this contract shall be governed by the law of the state where services are performed or materials are furnished.
- That Halliburton shall not be bound by any changes or reduffications in this contract, except where such change or modification is made in writing by a duly authorized executive officer of Halliburton.

THAVE READ AND UNDERSTAND THIS CONTRACT AND REPRESENT THAT I AM AUTHORIZED TO SIGN THE SAME AS CUSTOMER'S AGENT. SIGNED CUSTOMER

certify that the Fair Labor Standards Act of 1938, as amended, has been compiled with in the duction of goods and/or with respect to services furnished under this contract.

	ERVICES S	UMMA									ΥK	4///	
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HALLBURTON SERVICES

BULK MATERIALS DELIVERY OR GINAL FOR INVOICE AND TICKET CONTINUATION

FOR INVOICE AND YILLY

CUSTOMER ORDER NO. WELL NO. AND FARM COUNTY 8-14092 Zeller #1 Ness Kansas HARGE TO CONTRACTOR **№ B 12**0053 Mid Continent Resources Same Emphasis Drlg. MAILING ADDRESS DELIVERED FROM LOCATION CODE Hays, Ks 25525 Kuhn ITY & STATE DELIVERED TO TRUCK NO. RECEIVED N/E Brownell Ks 0530 SECONDARY REF. OR PART NO. PRICE REFERENCE CODE UNITS 1 UNITS 2 AMOUNT DESCRIPTION L D MEAS QTY. QTY, MEAS 135Cu. Ft. Pozmix Cement2%Cel 504-308 \$16.00261 2B | Standard Cement --81 6.06 490 86 .04 506-105 11ъ \$16.00286 | 2B | Pozmix 'A' 191 81 506-121 \$16.00259 28 2sk Halliburton Gel@27 /c 890.50812 28 EKK Calcium Chloride Blended 3 26.5 79 50 SAS Ch Menn ew co⊸i 1198|01. तिसर प 1533 CONSERVATION DE 1810X Returned Mileage Charge **TOTAL WEIGHT** LOADED MILES TON MILES SERVICE CHARGE ON MATERIALS RETURNED CU, FEET 500 - 2071.15 162 15 2B SERVICE CHARGE 12,050 500-207 2 B 24 LOADED MILES 4441600 .80 115. 680 1,040 00 CARRY FORWARD TO INVOICE 120053 SUB-TOTAL FORM 1911 - R7 REV. 6-85

	OB LO			_	L NO.			Ze //er TICKET NO. 24/6/49 PAGE NO. 1
, · ORM, 201	13 R-2			JOB	TYPE.	Couran	+ 85	E" Surface DATE 8-11/2R GNA
CHART	TIME	RATE (BPM)	VOLUME (BBL)	PUM		PRESSURE		DESCRIPTION OF OPERATION AND MATERIALS
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HALLIBURTON SERVICES

ORIGINA No. 246004-0

2520 + 1 BM

VI 1906 R-11		•	_			•			
LNO.—FARM OR LEAS		COUNTY		STATE	CITY/OFFSHORE	LOCATION	DATE	-23-92	
M.O Co.	ATIMENT Rese	OURCES	OWNER SAY	ne		SERVICE X SA	LES 📗	MITROGEN JOB VES NO.	
P.O. Box	399		Em p		Darg	1 Wess F	ΙŁΥ	^{∞∞} 25553	
STATE ZIP		SHIPPED V		PEIGHT CHARGES	2 HAYS,	Vi	25525		
ITYPE	WELL CATEGORY	WELL PERMIT NO.	LOC			3 LOCATION		CODE	
B- 12006Z			ORDER NO			REFERRAL LOCATION			

PRICE	SECONDARY REF	L L	121		DESCRIPTION		UNITS 1		UNITS 2		- C. AMOUI	—— NT∴
REFERENCE	OR PART NO.	<u> </u>	ACCOUNT	MILEAGE		24	MEAS	QTY ":	MEAS	PRICE 2.60	<u> </u>	Ť
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AS PER	ATTACHED BUL	.K N	MAIERIA			B- 124					1717	10
JOB SATISFACTORIL	COMPLETED?			COMPLI FURNIS	TITEY THAT THE FAIR LABOR STANDA IED WITH IN THE PRODUCTION OF GO HED UNDER THIS CONTRACT,	IODS AND OR V	ATH RESPEC	T TO SERVICES			1	
	PMENT SATISFACTORY? ERSONNEL BATISFACTORY	7	_		<i>/ / / / / / / / / / / / / / / / / / / </i>	15	ノへ				1	-

CUSTOMER OR HIS AGENT (SIGNATURE)



WORK ORDER CONTRACT AND PRE-TREATMENT DATA

ORIGINAL

A 184	A Division of Headurion Company AIND FIRE	IKEAIM		· · · · · · · · · · · · · · · · · · ·	INVOICE	TACH TO	o. <u>246</u>	004
RIC	T PHINTI, KS					DATE \$	-23-90	
н	ALLIBURTON SERVICES YOU ARE HEREBY REQU	ESTED TO F	URNISH E	QUIPMENT /	AND SERV	CEMEN TO	DELIVER A	ND OPERATE
_	M 4 /	PONTIN	_	دولم				
	HE SAME AS AN INDEPENDENT CONTRACTOR TO:			(CUSTO)	ŒR)			
		THE TOTAL CO.	LO SENT	C.143				
Τ,	O. LEASE ZFILER		SEC	<u> </u>	TWP	165	RAI	1/w
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.D _	county 1/33 sta	TE	<u> </u>	OWNED	ву	MNIC		
	THE FOLLOWING INFORMATION WAS	FURNISHE	D BY TH	E CUSTO	MER OR	HIS AGEN	T	
MA	TON TYPE		NEW USED	WEIGHT	SIZE	'FROM	то	MAX. ALLOW. P.S.I.
	ION	CASING				† 	†	<u> </u>
:KN	ESS TO		 	 	 	- 	 	
KEF	: TYPE SET AT	LINER			<u> </u>	<u> </u>		
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AL I	DEPTH 7,100 MUD WEIGHT	OPEN HOL	 -	1	' - ' -	1		
Œ H	OLE	CPENTHOL	<u>.</u>					SHOTS/FT.
IAL	PROD: OILBPD, H2OBPD, GASMCF	PERFORAT	IONS		:	'	1	124
		PERFORAT		· · · · · · · · · · · · · · · · · · ·	1 - 1.,	1.1	1	
SEN	T PROD: OIL BPD, H2O BPD, GAS MCF	 			 	 	 	
		PERFORAT	ions [<u> 2003 j</u>	903		<u> </u>	<u> </u>
VIO	US TREATMENT: DATE TYPE			_ MATERIAL	s			
:ATI	MENT INSTRUCTIONS: TREAT THRU TUBING [] ANNULUS [] CASING	TUBING/	www.us.L	HYDRĄLILK	HORSERO	WER ORDER	ED	
	INS TO ABUNCON WILL DIS 31	60-40	o Poz	Mix	6/11	0/ /4	# FLO	cole
	50 SX - 1790' 805x	- 560	1		50	5x - /	40	
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	10 3x - 0-40 70 3x -	(11/1/0	C. 170 CC		/	<u> </u>	17/102	<u> </u>
	MER OR HIS AGENT WARRANTS THE WELL IS IN PROPER CONDITION INSIDERAL IN THIS CONTRACT MUST BE SK				ES, MATERI	ALS, AND SE	RVICES	
	o pay Halliburton in accord with the rates and terms stated in Halliburton's current price				ba fallouina m	anth after data a	d impies (bes	Omiomorio dofesido la
ŀ	ayment of Customer's account by the last day of the month following the month in which the ut nover to exceed 18% per annum, in the event it becomes necessary to employ attorned 20% of the amount of the unpaid account,	he involce is dated	1 Customer an	rees to now intere	oct thoroun aft	or default at the t	nichoet Insulisi on	otract rate applicable
}	o defend, indemnity, release and hold harmless Halliburton, its divisions, subsidiaries, paren my claims, liability, expenses, attorneys tees, and costs of defense to the extent permitted by	y law for						
	 Damage to property owned by, in the possession of, or leased by Customer, and/or "well owner" shall include working and royalty interest cyrners. 	the wall owner	(if different from	m Customer), inc	duding, but not	limited to, surfac	e and subsurfac	ce damage. The term
:	Reservoir, formation, or well loss or damage, subsurface trespass or any action in the n	nature thereof.				•		
:	Personal injury or death or property damage (including but not limited to, damage to the from pollution, subsurface pressure, losing control of the well and/or a well blowout or the pollution.	he reservoir, form he use of radioac	ation or well), e tive material.	or any damages	whatsoever, gr	owing out of or in	any way conne	cted with or resulting
i	The defense, indemnity, release and hold harmless obligations of Customer provided for in the egligence, strict liability, or the unseaworthiness of any sussel owned, operated, or turning preparation, design, manufacture, distribution, or marketing thereof, or from a failure to perparation, design, manufacture, distribution, or marketing thereof, or from a failure to apply where the claims or liability are caused by the pross negligence or willful misco-tubsidiaries, parent and affiliated companies, and the officers, directors, employees, agonts as	ished by Halliburi warn any person onduct of Halliburi	ion or any duf n of such defe rton. The term	ect in the data, :	products, supp	lies, materials, or	equipment of t	talliburton whether in
)	hat because of the uncertainty of variable well conditions and the necessity of relying on t upplies or materials, nor the results of any treatment or service, nor the accuracy of any c will use their best efforts in gathering such information and their best judgment in interpre	facts and support	ing services fu	write inh recomm	sendation or of	hor data turnicho	d by Hallibudos	Halliburton passages
) (my damages arising from the use of such information. That Halliburton warrants only title to the products, supply a and materials and that the s F MERCHANTABILITY, FITNESS OR OTHERWISE WHICH EXTEND BEYOND THOSE as use of soliton (whether in contract, tort, breach of warranty or otherwise) arising out of the r materials on their return to Halliburton or, at Halliburton, option, to the allowance to the	TATED IN THE IM: ne sale or use of .	MEDIATELY PE	RECEDING SENT	TENCE. Hallibu	rton's liability and v limited to the e	l Customer's ex	clusive remedy in any
}	unlive or consequential damages. That Customer shall, at its risk and expense, attempt to receiver any Halliburton equipment, thall pay Halliburton its replacement cost unless such loss is due to the sole negligence has lose to the cost of repairs unless such damage is caused to hall, in addition to the foregoing, be fully responsible for loss of or damage to any of Hall, in addition to the foregoing, be fully responsible for loss of or damage to any of Hall, in addition to the foregoing.	of Halliburton, If I	Halliburton equ	ipment, tools or	instruments an	a damaged in the	well, Customer	shall pay Halliburton
•	aturned to the landing, unless such loss or damage is caused by the sole negligence of Halli	burton.			4	., some unity util	so ousions	- at the family dist
	o walve the provisions of the Deceptive Trade Practices - Consumer Protection Act, to the e- hat this contract shall be governed by the law of the state where services are performed or							
	hat Halliburton shall not be bound by any changes or modifications in this contract, except w			on is made in writ	ing by a duly s	uthorized even-ti	va officer of Lint	ihurton
	•		IHAVE	READ AND UND	DERSTAND TH	S CONTRACT AN	ND REPRESENT	
	•		THAT	AM AUTHORIZE	D TO SIGN TH	SAME AS CUS	OMER'S AGEN	τ,
	•	SIGI	NED Z	anna	مراجر	andl	り表	<u> </u>
		D.**	_ ¥_	27.00	_	CLISTOMER	1	
:erill	y that the Fair Labor Standards Act of 1938, as amended, has been complied with	UAT in the	- <u> </u>	· · · · · ·			1	•
uctio	n of goods and/or with respect to services furnished under this contract.	TIM	e <u>/6 3</u>	<u>(/</u>	4.(P.M.)			

TIME 16 30 A.M. P.M.

JOB

MALLIBURTON OKLAHOMA (1174, OK.

SUMMAP

MALLIBURTON Ness Ciry, Ks

						DATA		—			S - 57-3	iz
D the L				_8EC 		RNG.	W c	OUNTY	Hiss		STATE	Ks
MATION	NAME		TYP	£			NEW USED	WEIGHT	SIZE	FROM	то	MAXIMUM PSI ALLOWABLE
MATION	THICKNESS_		_FROM	то		CASING						
AL PRO	D; OIL	BPD. WATER	BPD. (3A9	MCFD	LINER	11					
SENT PI	10D: OIL	BPD. WATER	BPD. 6	GAS	MCFD	TUBING			10 -			
PLETIO	N DATE		YPE	MUD WT		OPEN HOLE	<u> </u>					SHOTS/FT.
KER TYI	·E		SET A	т		PERFORATION	ONS			17		
TOM HC	LE TEMP		PRESSURE			PERFORATION	ONS					$\Lambda \Lambda \Lambda$
DATA			TOTAL	DEPTH 4	360	PERFORATE	DNS			ा ज	TUI	47.4
,					JOB E							* *
		TOOLS AND AC	CESSORIES			CALLED OU		ON LOCA		JOB STARTED		OMPLETED
	TYPE AN	O SIZE	CTY.	м	AKE	DATES- 2	3-92	DATE 8	-23.90			3-23-92
AT COL	-AR					TIME 13	30	TIME /	600	TIME 165	TIME	MW?
AT SHO	<u> </u>							PERS	ONNEL AN	D SERVICE U	NITS	
DE 8HO	!						N/	ME		UNIT NO. & T		LOCATION
TRALIZI	rs.					_K.	MRI		· · · · · · · · · · · · · · · · · · ·	5114	Nes	Sullity
TOM PL	ua		u mana			_3	(no	swi	1170	*COM		The same
PLUG	LA-10	93/4		LINEC	.0.					31232	- 1/n	YS, Ks.
0				ļ		<u> </u>	ano	E.L		BULK		
KER							•					
ER				<u> </u>								
		MATER	RIALS									
AT, FLU	D		DENSITY	<u> </u>	LB/GAL·API							
PL. FLUI			DENISTY		LB/GAL-API							-
P, TYPE		SIZE		Ln							[
P. TYPE		512E	•	LB.								
O TYPE.		· ·	GAL:		X					4 . A. W. M.	يَانِقِهو اللهِ	وطواليب بوالمخصص
D TYPE.					×	17817						
D TYPE,			1277 A	(°1) (30)	A THUM COM							· · · · · · · · · · · · · · · · · · ·
FACTAN	T TYPE		(AL	IN		DEPARTMEN	, 710	MEM	r			
AGENT 1			GAL.		<u>07 1273</u>	DESCRIPTION						
	ADD, TYPE	•	L.·LB	[1, 1, 1]	J - 10 - 10	Prus	7	0	HORNE	ON		eta j
•	ENT TYPE.			IN		10 J						
	GENT TYPE_	-	L-LB	70V W	ALION DE						÷iga.	
AKER TI	PE		L-LB	IN 3 11	_{Uटाप्रस} ्थि	JOB DONE T	HRU: TU	BING 🔼	CA CA	SING A	NNULUS	TBG/ANN.*
	GENT TYPE_			3AL-LB			- -	_) iii	
	ALLS TYPE			OTY	-	CUSTOMER REPRESENTA	ATIVE X	Z	me	du	maxa	HT.
ER							1	11		7	X	A.
IER		,	18 18 18 18 18 18 18 18 18 18 18 18 18 1			HALLIBURTO	<u>~[].</u>	16	essite	the)	CONES	<u>⊹√</u>
					CEMEN				er in the twee			
TAGE	NUMBER	CEMENT	BRAND	BULK			ADDITI	VES.			YIELD	MIXED
	OF SACKS	CLMCH!		SACKED							CU.FT./SK.	LBS/GAL
	215	60-40	FMILO	131	670	901	1/4	r F	Locele	ಲ	1.64	13.16
]						·	· -					
·, _												_
	٠.	l										
		PRESSURES (SUMM			.—	VOLU	MES		
LULATIN		·	_DISPLACEMENT_			PRESLUSH: B8				TYPE_		
AKDOW	N	 	MAXIMUM			LOAD & BKON:	BBLGAL			PADI	BBLGAL.	· · · · · · · · · · · · · · · · · · ·
RAGE		FRAC	CTURE GRADIENT_			TREATMENTI, E	BL GAL.		60 0	OISPI	L: BBLGAL	
	STANT	HYDRAULIC HO	ORSEPOWER	15-MIN		CEMENT SLUR	REBLO	AL	62.4		:,	
JT-IN: IN		, , ,	J.IOZI OHER			TOTAL VOLUM	E BBL-GA	٠ــــــ	5511	NDKC		
				USED	·	•			REMA	CANA		
JT-IN: IN	•	AVERAGE RA	TES IN RPM									
JT-IN: IN	<u>. </u>	AVERAGE RA	TES IN BPM						- 			
JT-IN: IN		AVERAGE RA	· .	OVERALL			SEC	<u> </u>	JOB	Loy		
JT-IN: IN		AVERAGE RAT	· .	OVERALL			Sec	ر س	Job	Loy		

BULK MATERIALS DELIVERY

AND ·

ICKET CONTINUATION OR GUILDING DY46004

CUSTOMER ORDER NO. #1 Zeller **~B120062** 41d Continent Resources Emphasis B ecker TTY & STATE CROSSWAITE N/E Brownell, Ks. 51252 SECONDARY REF. OR PART NO. CODE AMOUNT DESCRIPTION L D 15Cu.Ft.Pozmix Cmt.@6% Gel 504-308 516.00261 129 506-105 16-00286 6364 ¦15 506 - 1214sk Halliburton Gel @27 507-277 7sk Halliburton 507-210 <u> 890 50071</u> Flocele Blended Returned Mileage Charge TOTAL WEIGHT LOADED MILES TON MILES SERVICE CHARGE ON MATERIALS RETURNED 500-207 1 B 233 CU. FEET 1.15 267 95 SERVICE CHARGE 19,644 500-306 1 B 7235 es 728 .80 188 LOADED MILES 58 **№ B** 120062 1,717 19 CARRY FORWARD TO INVOICE SUB-TOTAL FORM 1911 - R7 REV. 8-85

	URTON SE				L NO.		LEASE_	ZC44812 TICKET NO. 246.004
10	OB LO	G ·	. (· a′_	.MEI	ellid (PONTI	NEHT KIS PAGE NO. 1
ORM 201	9 R-2			JOB	TYPE	Para	To	HBANCON DATE 8-23-92
CHART NO,	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUM T	PS C	PRESSURE TUBING	(PSI) CASING	DESCRIPTION OF OPERATION AND MATERIALS
	1330							CALLED OUT URIGINAL
F	1600							On LOC Rig LAYING Obush (GULARS
• .								DP DT 1720 FT.
	1650		3					Pump 3 BBL HO
-	1653		14.4			•		ST. COMMENT WITH 50 SX.
• .	1658		19.6					ST. Disp
1	1760		<u> </u>					157 Paug Complete
	1755	*						DP AT 860 17
<u> </u>	17.15	·	3					Pump 3 BBL HOO
• . ~	1710	-	23.4	ļ 				ST. CEMENT WITH 805x.
	1730	· · · ·	ے _					St. Digo
	1735		 					und Pruy Complote
<u> </u>					ļ			DP AT 140 Fr.
	1744		!		ļ		 - :	Pull 1 BBL HOO
	1775	 	17.6		-		•	ST. CLINICAT WITH 505X.
	1749		1		<u> </u>			ST. Disi
•	130				<u> </u>	····		3xd Prug Complete
	1635		3		 -	····		Plug 0-40 WITH 10.5x.
	1540		4.3					PLUG RATHOLE WITH 15.5x.
•	<u> </u>		3	<u> </u>				Ping MOUSEHOLE WITH 105x.
	FIDA			i/ A h			N. T.	WASH & RACKUP TRK.
				IVA/3	i la Fra	C Uhanta	R.C.	Job Complote
					╂─	1.4R 0 3	1503	0
		• .						Plug well with DISSX 60-40 Poz. Mix 6/2 gal /1 # Flocale
•			 	 	CO	TSPRVATIO THCHIL	. 183 183	162. MIX 6/0 Gal P.1 FLOCO/E
				-	 	CHETHIP	, 110	
-				-	-			THANK-YOU Chow
					-			Quice I lucio
				-	 			11 ()
				 				K. Unrick DOS89
			1					B. (1003)WHILL 89543
	 			 				6. CROSSWITTE 8 7273
			1					51932 BT
•		`		<u> </u>				3540 P
				1				

EMPHASIS OIL OPERATIONS

P. O. BOX 506

RUSSELL, KS 67665

DRILLERS LOG

OPERATOR: Mid-Continent Resources, Inc.

P. O. Box 399

Garden City, Kansas 67846

Emphasis Oil Operations CONTRACTOR:

Box 506

Russell, KS 67665

LEASE: Zeller

WELL #1

LOCATION: C N/2 SE SE

Section 5-16S-21W Ness County, Kansas

LOGGERS TOTAL DEPTH: 4359'

ROTARY TOTAL DEPTH: 4360'

COMMENCED: 8/14/92

CASING: 8-5/8" @ 208' w/135 sks cement

ELEVATION: 2355' K.B.

STATUS DRY HOLE
STATUS CO. POHATION COL. M. 1125/03

MAR 03 1903

CONSER'S TIC FINE'OR VICHITA, KS

DEPTHS & FORMATIONS

(All measurements from K.B.)

Dakota Sand	990'	Heebner	3746
Cedar Hills	1080'	Lansing-Kansas City	3787'
Shale	1367'	Pawnee	4149'
Anhydrite	1678'	Mississippi	4309'
Shale	1713'	R.T.D.	4360 '

TATE OF KANSAS) 88

:OUNTY OF RUSSELL)

Kyle B. Branum, of Emphasis Oil Operations, states that the above and foregoing is a true and correct log of the above captioned well, to the best of his knowledge.

ubscribed and sworn to before me on August 24, 1992.

y commission expires: February 6, 1996.

GLENDA R. TIFFIN NOTARY PUBLIC STATE OF KANSAS MY APPT. EXPIRES 2-6-96