ORIGINAL

INVOICE

051746 AP 23 931 54 - HALLBURTON SERVICES P.D. BOX 951046* DALLAS, TX 75395-1046

HALLIBURTON SERVICES

TO A Halliburton Company

345237 04/16/199 WELLIPLANT, WELLIPLANT, WELLIPLANT, LOCATION WELLIPLANT, LOCATION BALT CAVITY STORAGE WATE A GRANT KS SAME CONTRACTOR THERAL NONE PLUG TO ABANDON 04/16/199 ACCTINO NO ACCUSTOMENTAGENTIAL AND ACCUSTOMENTO NUMBER 25 1233 SHIPPED VIATARE THE NO COMPANY TRUCK)18939 JOE EUDEY 761448 03 4 4952

> AMDED PRODUCTION CD (USA) ULYSSES OPERATIONS CENTER 2225 WEST OKLAYOMA AVENUE ULYSSES, KS 47880

DIRECT CORRESPONDENCE TO:
FIRST OKLAHOMA TOWER
210 WEST PARK AVENUE
SUITE 2050

DKLAHDMA CITY, OK 73102-5601

	· · · · · · · · · · · · · · · · · · ·			71
PRICE REE! NO STE	A SUCCESSION OF THE SECOND STATE OF THE SECOND	TENOUANTITY S	UME CEUNIT PRICE SECTOR	AMOUNT
RICING AR	CA - EASTERN AREA1	1	.	
000-117	MILEAGE	10	MI 2.75	27,50
		1	עאד .	
009-019	PLUGGING BK SPOT CEMENT OR MUS	1580	FT 1,120.00	1,120.00
		1	UNT	
009-027	CMT THRU TBO-DRILL STEM ADD HE	∜ 5∣	HR 195.00	975.00
	ļ .	1	דאט)}
504-043	CEMENT - PREMIUM	686	SK 8.69	5,961,34
500-207	BULK SERVICE CHARGE	686	CFT 1.25	857,50
500-306	MILEAGE CMTG MAT DEL OR RETURN		TMI .85	274.06
204~043	CEMENT - PREMIUM	683	SK 8,69	5,961.34
500-207	BULK SERVICE CHARGE	686	CFT 1,25	857.50
700-306	MILEAGE CMTG MAT DEL OR RETURN	322.420	าหุม . 85	274.06
		1	ł	
	TAMES OF CHARGES	ULYSSE		
	INVOICE SUBTOTAL	Ulysses Plant	SUBFEA	16,308,30
	DISCOUNT-(BID) APP	#DOS_	OPCENTER	4 477 44
	INVOICE BID AMOUNT	In House C		4,077.04-
		ge to: Manager	Gas Kant	12,231.20
	1	,		
	Use	For PKA SA	el Canty hel 67	I DE
) DA	A acct 7646	<u>- /8 </u>	
	<u> </u>	Haul & Dispose \$	alt Water	
		xpenseInvestm	ient_MPFPf	1
	Env	ronment: Land	Alr Water	
	ļ	Rep. (Form 5588)	LP&A	·
	I —	ncomplete	Recomplete	
	Acc	Street & C Suday	5 G 6	
	App	oved: J. P. Eudey	1 355	
	1	1 1 6 do ~ 1	Date	
	[<u></u>	1	7a1G.	
	1	1		
]	ľ	}
	INVOICE TOTAL - PLEASE PAY THI	S AMOUNT ===		\$12,231.26

Engineer R. Bruce	GEARH	GEARHART HEGD COMPANY ART INDUSTRII IRELINE SERVICES		#		јов ті 2 14 9	CKET 341	,	•
SERVICE STREET	-	I / FORT WORTH, TI		<i>i</i>	Involce t	ło	<u> </u>	•	<u>-:</u>
M. Duncar	BILTO: HMOCO	Product	101	<u> </u>	invoice Date				
R. Newberry	Address 120 X 73				Custome Order No				
K. Newberry	Less and SCSU	K5. 679	07		Date of Service		4-8	<u> </u>	
Legal Description.	Well No		. Gra	m # 1		ber	a/.	Ks	_
3-295-30W	E168-111	Coul	Kingi		<u> </u>	/- :	1/-1	22.	<u>ー</u> フ
Contraction of the Contraction of the	300 140.	TIONS OF THIS CO			RASC	000	===		
Should any account not in the event you enter and reasonable attornay in the event you enter and reasonable attornay in the sevent was a sevent and reasonable attornay in the sevent and shall applying, but not filmited cure you spainst any like willful negligence. The washould say of your is though a so the sevent and the sevent and the sevent and customer agrees that Gustomer certifies in done on such wells; and in Customer further agree after the terms hereof, a sevent and the se	sied to furnish the service and materials a sustamer, agrees to pay you for the service be pald within the term fleed by the Involuty an attorney to enforce any ctalms of sives which, in no event, shall be lest that work shall be performed by you as an ir not be liable for injury to persons or to 10, sub-unface damage and surface dam billby for reservior toos or damage or persel owner or critising company will pay in a white being used in performing the work natruments, toots, or equipment be lost or the same, and customer agrees to relimb days, or for the come, and customer agrees to relimb days, or for the come, and customer agrees to relimb days, or for the come, and customer agrees to relimb days, or for the control of repailing any dantal doubt measurements that be made by at it is the owner of the well on which it that the will in which the work is to be diess that the terms and conditions berein have read and understand the terms of the Customer	is and/or malwills pridered hise, interest with be charged at Indicatedness against the unit indicatedness against the unit indicatedness against the unit indicatedness against the unit indicated at a second special control of special contro	traunder at the off in the rate of ten per service during the customers und damage. Well owners und damage, well owners und damage, well owners in the customers und damage, well owners well bit in the customers which is your service, customers and in the supervised by community instruction of the customers and in the condition of the agreement and is it is amount of the customers and in the customers and in the customers are customers.	ice of Querrant of com (10%) per com (10%) per com (10%) per com of commer com of commer commer com of commer commer com of commer comm	industries, fric. Fort is annum from date of igness to pay all costs to you do not guesan ur willful needlence, sers shall be resonable diffuse all reasonable diffuse all reasonable diffuse personal properties and authority to or not all day of the company is a of your company is	such invoice, of collection lee the results this provision bie for and se- sused by your erreds, if same yence and se- y that cannot consult the consults of the consults authorized to authorized to	E 1	Agent	T
4000-005 Set	7"CTBP 6	1650		(June				<u> </u>	ļ.,
<u> </u>	<u> </u>	,	· · · · ·		*				L
	· · · · · · · · · · · · · · · · · · ·	Bid	Pris	9	1 15		1/5	300	00
p to	1	•		• • • •				_ '	
1000-194 Por	table Most	B' Tuo	•	Bid F	Price		ź	200	00
Attended to		3/			أجيدك وميوسد	<i>A</i>	7		
		-T-0 +	al Bis	1 0 .:	62	+ + 1	y ,	100	
			<u> </u>			1	- 1 12	-	
			•	·					
	_ 								
			<u> </u>	<u> </u>					
				.·' . <u>.</u>	<u> </u>	1. 1.			
Season Committee of the	1 5 13		*•	***	Conference of	.g., v ~ ; , i		** <u>*</u> .* ·=	~ =
		<u> </u>					\Box	·	
, ir									·
	· · ·		<u> </u>	ر موزار ا	• <u>•</u> ••	+ -			
				1 1 1			 -		<u> </u>
			•	<u> </u>					
				· · ·	.,				:
EMARKS NOTE: PRICE	s shown are estimates a	IND SUBJECT TO CH	ANGE BY AC	COUNTING	DEPARTMENT	F	,	. •	,
	I hank y	/			3 .				
75-467 7-80		. ,,,	110"			- · -		موريز	
		CUSTOMER'S			-		er en er	1	- 4. 2.

30.00	Take Seek			· · · · · · · · · · · · · · · · · · ·	SEC.	THE A	HINE.		COUNTY	Gont	-14 6 27 17	STATE _	-
	13 de 15	W16" 20:			·	A. A. San	S To and the second	USED	WEIGHT	672.6	PHOM	10 1	MARIHUM PEI
MATIO	"				· •	35 6 19 65	CASING	U	211#	7"	66		* , -
inalior	* * * * * * * * * * * * * * * * * * * *	1011		#P0.4	'	A PMCFD	LINES	T		39.5	100 100 200	3-3-6-6	162.5
in .	001 015	• • • • • • • • • • • • • • • • • • •	, WATER	PP0.0		мерр	TURING	 		27/0	1-1	1545	
	40D1 OIC	Same of phase of	WATER		·		BPEN HOL	4 15	1,333			1.47. 11	EHOTS/FT.
191.0110	DN DATE	ar in	MUD TYP		NOO WI	•	AFFERDA		RP	,			2194
SER TY				947 A	¥					نباتك		1650	
TOM HE		(Y) (F) (F)	· · · · · · · · · · · · · · · · · · ·	PRESSURG	· (1000年1月1日	MITTERFORA	TIONS	1 .	A 54		374.6	100
C, DAT	TOTAL TRACTI	William Control	5 2 5	TOTAL	DEPTH	<u>All facilità de la com</u>			***1	<u> </u>	in the second	The selection	- 5,54
	ALC: USA		ان مو راز	Land Branch	به بدید	120 P						id to the All Table	
2. 17.13.	984 C 400	"TOOLS F	IND ACC	ESSORIES	4.15		CALLED		. 1		187	10	M. IK.
4.	A TYPE AP	D SIZE	1 15	- 477 4		MARK AND S	DATED	., 0"	DATE	lou 6#	DATE	OAT	10000
AT COL	LLAN	No.	• ;	an is stay.	a postavilias (والمرابع والمرابع والمرابع	TIME 04	70	THE	710	THEOR	<u>₹3 ीπн</u>	=101h
AT SHE	on With	digital section	11.15	- تائياڻ ۾						INNEL AN	D SERVICE	UNITS	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1
SE SHO	· 13 (15)	Carrier No.	2011	2-2- State L	-345 (4X	Terror Control	635	344	RAME A	Carlo Control	UNIT NO. &	TVP I COC	LOCATION
PALIS		75 ·	,-			13124 18	2.00	·Z	Kell	2-0-	2qus	0	
TOM PL	Luc			· N/. 5		"Markette"	134 × 14 × 150		TENE LIN	3-7-	I_{ν}	1 L.L	عدا يد
FLUS		المالية المالية		1000		Brain Brains				elektristi en i	112		
	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			- 10 00 20 00		THE STATE OF THE S					, 7 . NO		1
					1 1/1	CONTROL OF THE CONTRO	ALCOHOLD CAN	*****	:		PERM.	··· * 16 6 6	Ed, 55_
X 2 2 2		right to a fine project.		1110111		an character	y (<u>1999)</u> " <u>T</u>	Lha	- 50000	<u> </u>	1,284		
RÁ (* 75 * * * * * *	. F. C	0.72		-1 4 F	إحوالية حجوب	(Se 15 34.6)	77			Bulk	Hus	n Line
123		at Water	MATERIA	الله الله	17.79		e ja land		• • • 🐫		~112K\$	1	XX
	4.64	\$ 1. The state of	بأرفع ياند	namiry		ingan fair	OF AFERE	ALC:	13 S 40	Contract	e di di		
	The second	. *** . *** ***	2 - 6 Blas		4 4	antone and	رشوم و در زاره ز	140	i heli	or againers to	1423 100	. 6.16 1 22.5	the street of the
144.0		5 1 10 10				Sunger of the	100		1,2 a. 1.3.	71. 7 1. 1.	445	经外 33	47-84-4
r. 37P	**	C - 1112	_4126			Containing the			والرجوا والمراق	(n.e., p.)	A. C. S. 19	S-2900 - 4000	mental supported
). TTP:	···		erzu									法外语	
TYPE	•			- 7 A - 4 A	reliation as a		Personal Profession	~			. 178.70 6.4	CANADA AT A SA	ary common a fig.
PTTE		sine s	a	L		. •	All Control				1		
U TTP	e	· ·		<u>ــــــــــــــــــــــــــــــــــــ</u>		<u>. •</u>	A		2 sh 100 y	wer had	A STATE CHAIN	A	
PACTA	ANT TYPE	<u> </u>		<u> </u>	674	· · ·	- OHPARTHE	NY _C	Q MIN	- 0	All the all the	41244	第一次是现象的
AGENT	TYPE		. BA	y. 1	· In .				· Plex		200	أنتها إدارات سواسه	المناوي والماري
**;(\$e13)	ADD TVO	e le belogie per la				1. 1. 1. 1. 1.	Y () () () ()	· · / · · · · · · · · · · · · · · · · ·	र कर प्रार्थिक	100	4.	بالبدائ المام ومرابين	Service Control
7 4 4		Jan		A 18		to a timpena pa	· Consideration	7, % .	and the property	Army Carlo	Detection	of animals of the	A Section of the section
													1. 4
				·LS,			, , ,		`•,		1.00		A THE PROPERTY OF THE PROPERTY OF
C. NED	AGENT TYP	•		-10,		14.5	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \			معروا والمراوس	2 (2 (A)
E. REC	TYPE		OAL.	-L	1H _	18 18 18 18 18 18 18 18 18 18 18 18 18 1	ACS DONE	THE U.S.	rueine	J. St. St.			THE JAHR.
CHING	AGENT TYPE		GALA		IHIH		105 DONE	THE CITY	rueina XI			معروا والمراوس	тва./АНК.
CHING CHING FPAC	AGENT TYPE	THE SHARE SERVICE		LE.	IHIHIHIHIHIHIH	18 1. 18 1. 18 1. 18 1. 18 1. 18 1. 18	JOS DONE EUSTOMES PEPRESEN	THRUI	тивинаЖ <u>1</u>	7		Manuel C	THE /ANN.
CHING CHING PPAC	AGENT TYPE	Total	agint (Single)	derick in the state	,		ACS DOME	THRUI	Z Z	7///		AMBRULUM C	TRE./ANN. [
E 67	TYPE		न्यास्त्रीतिहे स्टब्स् द्रशास		,	19.10 10 10.	CUSTOMES PEPRESEN MALLEUR OPERATOR		у ДД	2		CONES	TRE./ANN.
E 67	e artegra		्यु क्यारिकीयो प्राप्तान - सुरक्षणाः - सर्वे क्या	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	,	CEME	NT DATA		7	July		COMES BESTERN	TREALISM L
## <u></u>	NUMBER NUMBER		ay an felicipal for the second		BULK	CEME	NT DATA		7	July		COMES BESTERN	TRE JAME L
AGE	MUMBER OF SACKS	TYPE	API CLASS	DHAND	16	19.10 10 10.	NT DATA		ITIVES		ine D	COPER REQUESTED CONTRACTOR CONTRA	MITTED CONTROL OF THE PARTY OF
AGE	NUMBER NUMBER		ay an felicipal for the second	DHAND	BULK	CEME	NT DATA		ITIVES			CONRA MEDUSAVAI	MITTER AND STATE OF THE STATE O
AGE	MUMBER OF SACKS	TYPE	API CLASS		BULK	CEME	NT DATA	A00	ITIVES	?UL,		CONRA MEDUSAVAI	MITTER AND STATE OF THE STATE O
AGE	MUMBER OF SACKS	TYPE }/	API CLASS	DHAND	BULK	CEME	ENT DATA	AOO	itives y			COURS COUNTY (SECOND	TRELIANN, L
AGE	HUMBER OF SACHE	TYPE H	API CLASS	DHAND	BULK	CEME	ENT DATA	A00	Property of the state of the st	JUL		COPES REQUESTED CUST FIRE CU	TRELIANN, L
AGE	HUMBER OF SACHE	wra H	API CLASS	DHAND	BULK	CEME	ENT DATA	A00	TIVES	JUL		COPES REQUESTED CUST FIRE CU	mineo
AGE	NUMBER OF SACHE 320	WPE H	API CLASS	SHAND BUNGO	BULK	CEME	OPERATOR	A00	Property of the state of the st) JUL ₂	A CONTRACTOR OF THE CONTRACTOR	COPE SECURITY OF THE PROPERTY	MINEO CARLES
AGE	минвет ор засия 320	TYPE H	API CLASS	DHAND HOW/CO	BULK	CEME	OPERATOR	A A A O O	index ()	MES	COMES SERVICES OF THE PROPERTY	mineo
AGE	HUMBER OF BACKS 320	TYPE H ST. PRESS	API CLASS IN	BRAND PSI	SULM SACKED	CEME	RY PRESCUENCE	# A00	trives	Volu	IMES	CONRE REQUESTES CULTURES CONTRE REQUESTES CULTURES CULTUR	enter
AGE	HUMBER OF BACKS 320	TYPE H ST. PRESS	API CLASS IN	BRAND PSI	SULM SACKED	CEME	RY PRESCUENCE	# A00	trives	Volu	IMES	CONRE REQUESTES CULTURES CONTRE REQUESTES CULTURES CULTUR	enter
AGE	HUMBER OF BACKS 320	TYPE H ST. PRESS	API CLASS IN	BRAND PSI	SULM SACKED	CEME	RY PRESCUENCE	# A00	trives	Volu	IMES	CONRE REQUESTES CULTURES CONTRE REQUESTES CULTURES CULTUR	enter
PAGE	MUMBER OF SACHS	PRESS	API CLASS	PSI ISPLACEMENT	BULK	CEME	PRESENT DATA Y PRESENTE S PR	PBL-GA	trives	Volu	MES PAR	COPPER RECUESTED TO THE PROPERTY OF THE PROPER	manufame. L
CULAY	MUMBER OF SACHS 320	PRESS	API CLASS	PSI ISPLACEMENT	BULK	CEME	RY PRESCUENCE	ADD STATE OF THE PROPERTY OF T	Trives of the control	Volu	MES PAR	COPPER RECUESTED TO THE PROPERTY OF THE PROPER	MINEO CARLINA I
AGE CULATION OF THE STATE OF TH	MUMBER OF SACKS 320 320 Fine Sacks Fin	PRESS	API CLASS IN DEPARTMENT OF THE PRACT	PSI IPPLACEMENT AXIMUM SEPOWER	BULK BACKED ACKED	CEME	PRESLUENT STATEMENT STATEM	ACC STATE OF THE PROPERTY OF T	TOTAL 8	Volu	MES PAR	COPPER RECUESTED TO THE PROPERTY OF THE PROPER	MINEO CARLINA I
AGE	MUMBER OF SACHS 320	PRESS HYDRAU AVERAG	URES IN DURES IN LICHOR	PSI ISPLACEMENT AXIMUM ARIAGIEM	BULK BACKED	CEME	RY PREGLUBRI E LOAD & BED TREATMENT SAME TOTAL VOLUM	BL-OA	TOTAL 8	VOLUE 7	MES CONTRACTOR OF THE STATE OF	COPPER RECUESTED FOR THE PROPERTY OF THE PROPE	Transaction of the second of t
AGE COLLARY CO	MUMBER OF SACHS 320	PRESS HYDRAU AVERAG	URES IN DO THE PROPERTY OF THE	PSI IPPLACEMENT AXIMUM SEPOWER	BULK BACKED ACKED	CEME	RY PREGLUBRI E LOAD & BED TREATMENT SAME TOTAL VOLUM	BL-OA	TOTAL 8	VOLUE 7	MES CONTRACTOR OF THE STATE OF	COPPER RECUESTED FOR THE PROPERTY OF THE PROPE	Transaction of the second of t
AGE COLLATION AGE	MUMBER OF SACKS 320 STATES OF SACKS STATES OF SACKS GENERAL SA	PRESS	API CLASS IN PRACT	PSI IPPLACEMENT AKINUM SEPOWER	SULM BACKED TOTAL	CEME	RY PRESLUENT E LOAD & BIND WHEATMENT CHMRNY SLU TOTAL VOLUM	ACC STATE OF THE S	TOTAL 8	VOLU.	MES CONTRACTOR OF THE STATE OF	CONRE REGUESTES CURT TIES CONTRE REGUESTES CURT TIES CUR	MINEO CARLINA I





A.M. P.M.

Ditta thee is a ' petitional automatematematematematematematematematemate				INVOICE	A TICKET N	<u>(0</u>	0011
DISTRICT Liberal KS		* 14 s 1	٠.,		: DATE	1-6-9	'2
OL HALLIBURTON SERVICES TO THE YOU ARE HEREBY REQU	UESTED YO FU	RNISH E	DUIPMENT A	ND SERVIÇ	EMEN TO D	DELIVER AN	ID OPERATE
THE SAME AS AN INDEPENDENT CONTRACTOR TO: A AND A	20					<u> </u>	• ••
AND DELIVER AND SELL PRODUCTS, SUPPLIES, AND MATERIA	LS FOR THE P	URPOSE	(CUSTON OF SERVICIN		3.5		•
WELL NO. 1 LEASE Solt County St.	12.0	eer.		, mud		RAN	GF
William And			24.5				
	TATE	<u> </u>	OWNED		010	·	
	FURNISHE	BYTH	E CUSTO	MER OR	HIS AGEN	T 70	MAK. ALLOW.
TORMATION TYPE TYPE		, nesto			FAUM		P.S.1.
ORMATION FROM TO	CASING	U	20	7"	66	-3 ,	VAPT 1 F **
AGREE TYPE	LINER		* 1 - 44.	;		"November	موسوق و
OTAL DEPTHMUD WEIGHT	TUBING			27/8	1-1	1545	و سمین د د
IORE HOLE	OPEN HOLE			<u> </u>			SKOTS/FT.
NITIAL PROD: OIL SPD, HaO BPD, GAS MCF	PERFORATI	DNS.	RP	7 +	1650		, . .
RESENT PROD: OL BPD, HaD BPD, GAS MCF	PERFORATI	ONS					1214
	PERFORATI	ONS				,	• •
REVIOUS TREATMENT: DATETYPE			MATERIA	.5	<u>,. </u>		7 1
TREATMENT INSTRUCTIONS: TREAT THRU TUBING & ANNULUS D	ASING 🕽 TUB	NG/ANN	ULUS () HYD	RAULIC H	ORSEPOWER	ORDERED	
Plus Back	· ·	••••			·) F.E.
- Pun 15 some to Plus	Ero	<u>~</u>	1650_	 	<u> </u>	2	
2711 - P. H. minst	+ 15	1.#/					
11 /7/1/ She	Λ· –	, , ,	,				
:USTOMER OR HIS AGENT WARRANTS THE WELL IS IN PROPER CONDITI	ON TORECEIVE	THEPRO	DUCTS, SUP	PLIES, MATI	ERIALS, AND	SERVICES	
THIS CONTRACT MUST B	E SIGNED BEFOR	WORK IS	COMMENCED				
(a) To pay Halliburton in accord with the rates and terms stated in Halliburton's current	pirico tista.	-		• • • • • • • • • • • • • • • • • • • •	• •		er en
(b) Hatiliburton shall not be responsible for and Customer shall secure Halliburton against of the willful misconduct or gross negligence of Halliburton, this provision applying to but r	any liability for dam not limited to subsur	ige to prope face damino	rty of Customers and surface day	ndoi the well o nage arisho i	nerellib II) renw Oseruzdus <i>m</i> o	tirom Custome: damage.	d becups akelnu (۱) در درنځ ۱۰۰
(c) Customer shall be responsible for and secure Halliburton against any flability for re-	servoir loss or dam	ge, or prope	_				of the well and/or
well blowout, unless such loss or damage is caused by the willful misconductor gross or (d). Customer shall be responsible for and secure Habiburton against any and all flability.	•		es as a reguli of 6	ubsurface tres	pass, or an actio	ក in the nature t	, hereof, artsing from
 a service operation performed by Haliburton hereunder. (e) Customer shall be responsible for and accure Halilburton against any fiability for injury 	y to or death of pars	ns, other th	an employees of	Halliburton, ca	damage to pro	perty (including	, but not limited to
injury to the well), or any damages whatsoever, irrespective of cause, growing out of or the wildul misconduct or gross negligence of Halilburton.					Mess uote muse	ss such dem eg:	estrati de carded b
(f) Halliburton makes no guarantee of the effectiveness of the products, supplies or mater (g) Customer shall, at its risk and expense, attempt to recover any Halliburton equipm.							
Customer shall pay Halliburton its replacement cost unless such loss is due to the solon pay Halliburton the lesser of its replacement cost or the cost of repairs unless such dan	egligence of Hallibu nage is caused by th	rton, li Hali le sole negli	lburton equipme gence of Hallibu	nt, tools or ins rton. In the ca	lruments are da ise of equipmer	maged in the w it, tools or insti	ell, Customer shall ruments for manne
operations. Customer shall, in addition to the foregoing, be fully responsible for loss of c Customer of the landing until returned to the landing, unless such loss or damage is caus	sed by the sole negli	gence of Ha	lliburton.		:		
(h) Because of the uncortainty of variable well conditions and the necessity of relying interpretation, research analysis, job recommendation or other data furnished by it in interpreting it, but Customer agrees that Halliburton shall not be responsible for	Halkburton, Hallibe	nosted non	ne) will use their b	est elloits in g	athering such in	formation and (their bast Judgmen
misconduct in the preparation or furnishing of it. (i) Hallibution warrants only title to the products, supplies and materials and that the same							
MERCHANTABILITY, FITNESS OR OTHERWISE WHICH EXTEND BEYOND THOSE remedy in any cause of action (whether meantract, tort, breach of warranty or otherwise products, supplies or materials on their return to Hallibuton or, at Hallibuton's op) arising out of the s	le or use of a	iny products, sup	plies or materi	els is expressly	limited to the sc	placement of such
special, incidental, indirect; punitive or consequental demages. (i) Upon Customer's default in payment of Customer's account by the last day of the month					والمراجعة فالماح	g garana	y - and the first
 highest lawful contract rate applicable but never to exceed 18% per annum. In the event collection costs and attorney fees in the amount of 20% of the amount of the unpaid. 	Lifbecomes necess	my to emplo	y an ottomby to	enforce collec	tion of sald sco	count, Custome	er agrees to pay al
(k) This contract shall be governed by the law of the state where services are performed or a	' = '						
(f) Halliburton shall not be bound by any changes or modifications in this contract, excer- tion.	b) where such chan	='			•		٠.
September 1997	# *		EREAD AND UN AM AUTHORIZE				
	. EIGN	ED			JSTOHER		
	PATI	:		_			. : : .
We cartify that the Foir Labor Standards Act of 1938, as amended, has been compiled the production of goods and/or with respect to services furnished under this e	led with contract. TIME		А.м.	Р.М.	·*		4 6 4

177	OB LC)G	ارزاد المداد مداد دار	, Ojau:	MĶÑ.	Acmic	Parelijijan ši	PAGE NO.
FORSE 2013	9-1 m-a		ا الجسمة البيدية	108 TY	PE	Pluz Ba	<u>.K. </u>	PATE 11-6-92
CHART NO.	TIME	RATE (BPM)	AOLOWE	PUM T	rs C	PRESSUR	E (PSI)	TO THE STATE OF TH
Seattle-Sept.	0400	· · · · ·	<u> (</u>			TOBIAG	CASING	Galled Out
PROPERTY.	0710							Outrestion .
48.80	: .							Waters and River to
327								Acrica
- HE TO WE	0745	1 4.0						Pic I rous cot un to cash helo
Contract of	0825	·	_				•	Susher Calleta
11.		F 1 1411	a green					Hort was Punn
通料	0433	Application of	AL MORAL		. 76	r and B	ាដូលីស្តីក	Dunate 1 - Plus
Property :		•	,		:			AN Plus clow H mixed at 156 th
District.			, ,					414 diery = 100' Alva
F. C. S.	1		400				<u>.</u>	R. P. Him T. Sing
	0838	2	4			0		Principa Zed Alva
	0840							Ri. Pillere Tuhin
<u> 3</u>	1944	2	4			10		Burging 3th Alva
	0847			<u>, , </u>	•			Ri Pilling Tubing
4	0849	ح	4		·	0		Punding LIK Plug
	0852	. !						P. P. A.
5	0855	2	4					Punning 5th Pha
194764	0858	_						R. Dulling
<u>. (</u>	0900	2	4			0		Pundian 6K3 Plug
	6903		,					Ria PH
****7	0905	2	L)	· _		0	· · · · · · · · · · · · · · · · · · ·	Pumping 7th Plus
1000000	0908	- 44	+ F				ر والمنافق الأ	P. P. William of the Contract of a section of
8	0911	2	4			Ö		Dungoing Ath Alug
بالخروات	0914							Ric Pulling
4	0916	2	4		<u></u>	0		Pymping Ath Plua
- 1	0919				. ,			Rig Pulling
10	0920	2	4	<u>.</u>	ļ	0		Pringing 18th Plug
	0723			<u> </u>			ļ	Ry Pilling
11	0926	2	4	<u> </u>		0		Panning 11th Plug
ide a sa s	09.29	,				·	<u> </u>	R. Polling
12	0931	2	<i>द</i>)			. 0		Pyriping 1) the Plug
77.44.56	0934						ļ	R. Dolling
<u></u>	0936		-1			0		Property 13 M. Plug
	1939	<u> </u>				· · · ·	· ·	Proposition of the proposition o
14	0947	_2_	4			0		Princip MA Alia Remaising
	0944		<u> </u>					R. Dilling all Tubica Komainia

HALLIBURTON SERVICES

	OB LO	SERVICI	:S	rali,	ко		LEASE	Scalt Courty Stracket no. 56507
- CESTAL				-u = 7,c	, 异型化	_Hmid	' K	PAGE NO.
FORM 1017	R-1			DR T	YEE	12/67	Rock	DATE 11-6-82
CHART	TIME	RATE (MPM)	(OTT)	T	4PS	TUDING	CABING	DESCRIPTION OF OPERATION AND MATERIALS
15	0950	1	11			ن "	4 5 pm x 20 1	Fill hole to S. Free
Jestin.			•					Tubica out of Casing
i gales,	1010	· : .					· ·	Casta Alved to surface
September 1	-			•		٠.	- 7	JDR Completed
A TOTAL	1.355	this.				\$\$7.8	12.0	Anticopy of the second of the
3.14 5 545		د و مورد					1/1/4	A Company of the Comp
19 () A ()						13.4	4.6	Service And the service of the servi
The second	19.00	· PASSE	1400 P	-, 3	. 5	- 当年を発行する	itag (in Spille	· · · · · · · · · · · · · · · · · · ·
4			,	\cdot				the second that the second second
\$43 E42 P						; :	, .	के का किया है के किया है कि किया क किया किया किया किया किया किया किया किया
A	4500	2000				7.1	: 76	the second of th
مجيد . م		-						
, w. i.								
and finding		<u>. </u>	10,0		<u> </u>		, j.	with the first of the second o
178.0	1, 23	·				· ·	,	· 1966年 - 1968年 - 196
A STATE OF THE STA	~.	·	, ; .					at an experience of the production of
- , 94			<u> </u>				1.15	
1	<u> </u>			<u>. </u>				
ومعنوا رابي						• • •		
to object	1						<u> </u>	The state of the s
						•		grade a grade of the control of the
، تايېزولون - تايېزولون	<u> </u>		41.3%				<u> </u>	· 104 · 以中籍的 次等的 (4 多型) (4 多型)
्री अमेरिकी	1.12	•	. į				, ,	the contract of the contract o
				! 		<u> </u>		
			<u> </u>				<u> </u>	The state of the s
		,						The grave
	<u>'</u>]	
٠.				<u> </u>			·	
							ļ	
i bi frit								The second and the se
A 649.63	î				<u> </u>			(1) (1) (1) (1) (1) (1) (1) (1) (1) (1)
					لُط			
		- 						

•	. 							



Amoco Production Company

Don Ubel 22505-96

Post Office Box 432 Liberal, Kansas 67901 316-624-6241

J.D. Harris
District Superintendent

November 29, 1982

Mr. Steve Durant Kansas Corporation Commission 302 West McArtor Dodge City, Kansas

File: LAB-1429+980.2

Dear Mr. Durant,

individually.

Plugging Report on Underground Storage Well Project at the Ulysses Gasoline Plant

In response to your conversation with Mr. Tom Grauberger, Plant Foreman at the Ulysses Plant, the following report details the plugging of salt cavity storage wells (SCSW) Nos. 1, 3, and 4, and the conversion of No. 5 to a

Salt Cavity Storage Well No. 14-

On November 4, 1982, Gearhart's mast truck was rigged up to set the cast iron bridge plug (CIBP). A junk basket and gauge ring with collar locator was run into the hole. Several collars were located at the bottom of the casing. The basket assembly was pulled out. The CIBP was run in and set at 1650'. The mast truck was moved off the hole.

deep observation well. The details concerning each well will be given

On November 5, 1982, Patrick Well Service was rigged up. Tubing was run into the hole and the brine was swabbed out into a salt water storage tank. The swabbing operation was completed on November 6, 1982.

Halliburton then pumped 67 barrels of 15.6 lb/gallon class H cement slurry into the hole to fill it from 1650' to the surface. The cementing operation was performed in 15 separate stages. The tubing was raised 110' in between each cementing stage until the hole was completely full.

Salt Cavity Storage Well No. 132-1

On November 2, 1982, Patrick Well Service was rigged up and the existing 2 7/8" tubing was pulled. Gearhart then rigged up and ran a junk basket and gauge ring with collar locator into the hole. The last two collars of the casing were located. The basket assembly was pulled. The CIBP was then run into the hole and set at 1635".

On November 3, 1982, Gearhart perforated the interval of 1550' to 1600' during three trips with one shot per 5'. They were then rigged down and Patrick Well Service was rigged up. They ran 1630' of swabbing tubing and proceeded to swab the brine out of the hole. However, the fluid level could not be pulled down below 1350'. The swabbing operation was halted. One half hour later a check on the well showed that the fluid level was up to 1100'. Three hours after the swabbing was halted, the fluid level was up to 800'. A sample of the swabbing fluid revealed that a red, fine grained sand was present. The operations were shut down for the day.

A check of the well on the morning of November 4, 1982, revealed that the fluid was up to 600°. After a discussion between Mr. Don Ubel of the Kansas Department of Health and Environment and the Ulysses Plant engineer it was decided to plug Well No. 3. Halliburton was set up on the well and tubing was run down to 1440°. Fresh water was pumped in until the hole was full. Halliburton then pumped 15 plugs of 15.6 lb/gallon class H cement slurry into the hole using the same method as described above for Well No.

Salt Cavity Storage Wellino 413

On November 3, 1982, Patrick Well Service was rigged up and the existing 2 7/8" tubing was pulled. Gearhart was rigged up on the hole. A junk basket and gauge ring were run into the hole and the bottom collars were located. The basket assembly was pulled and a CIBP was run into the hole and set at 1628'. Patrick Well Service was again rigged up on the hole. Tubing was run into the hole and the brine was swabbed out of the hole and into the brine pit.

Halliburton was again rigged up on the hole on November 4, 1982. Halliburton pumped 15 plugs of 15.6 lb/gallon class N cement slurry into the hole by the same method as described above.

Salt Cavity Storage Wellino 55-

On November 5, 1982, Gearhart was rigged up. A junk basket and gauge ring with collar locator were run into the hole and the bottom collars were located. After the basket assembly was pulled a CIBP was run in and set at 1657'. Patrick Well Service was rigged up. Tubing was run into the hole and the brine was swabbed out of the casing and into the brine pit. The operation was halted when it was decided to use this well as an observation well.

Patrick Well Service pulled the swabbing tubing. Gearhart was rigged up on the hole and perforating tools were run into the hole. The fluid level was located at 1300' on the way down. The first gun was run from 1580' to 1600'. The tools were pulled up to 1000'. After 15 minutes the tools were run back down and the fluid level was located at 1200'. After another

Skun a little come on top of Mug Sw/a glass botton Bailer

X

discussion with Mr. Ubel it was decided not to perforate the remainder of the footage. Gearhart pulled their tools. The well head was replaced with one 30' joint of 2 7/8" tubing hanging from it to serve as the observation tubing.

Attached are the daily logs from the service companies which performed the work. If you have any questions concerning the plugging operation described above, please contact Dave Penner at (316) 624-6241 ext. 348.

Very truly yours,

DMP/pw

Attachments

cc: T. H. Grauberger