## SIDE ONE API NO. 15- 153-20,781-00

STATE CORPORATION COMMISSION OF KANSAS OIL & GAS CONSERVATION DIVISION

WELL COMPLETION FORM	County Rawlins
ACO-1 WELL HISTORY	SE SW Sec. 19 Twp. 1S Rge. 34 X West
DESCRIPTION OF WELL AND LEASE	
Operator: License #	Ft. North from Southeast Corner of Section
Name: Abraxas Production Corporation	3300 Ft. West X from Southeast Corner of Section
AddressP. O. Box 17485	(NOTE: Locate well in section plat below.)  Lease Name Leo Well #1
City/State/Zip San Antonio, TX 78217	Field NameWildcat Producing FormationN/A
Purchaser:	
Operator Contact Person: _ Robert L. G. Watson	Elevation: Ground 3192 KB 3197
· · · · · · · · · · · · · · · · · · ·	Total Depth 4380PBTD
Phone (_512)828-5354	5280
Contractor: Name: Murfin Drilling Co., Inc.	4620
License:30606	3960
Wellsite Geologist:	3630
STATE COR	PORATION COMMISSION 2970 2640 N
Designate Type of Completion  X New Well Re-Entry Workover	
U.C.	TO 2 1991 1980 IN
Oil SWD lemp. And.	
Gas Inj Delayed Comp.  X Dry Other (Core, Water Supply, etc.)	SAVATION DIVIDION 660
If OUND: old well info as follows: Operator:	
Well Name:	207
Comp. DateOld Total Depth	
Drilling Method:	If yes, show depth set Feet
X Mud Rotary Air Rotary Cable	
8/20/91 8/26/91 8/26/91	If Alternate II completion, cement circulated from
Spud Date	feet depth tow/sx cmt.
Derby Building, Wichita, Kansas 67202, within 120 day 82-3-106 apply. Information on side two of this form will writing and submitted with the form. See rule 82-3	be held confidential for a period of 12 months if requested in 1-107 for confidentiality in excess of 12 months. One copy of all this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 all temporarily abandoned wells. Any recompletion, workover or
All requirements of the statutes, rules and regulations promute with and the statements herein are complete and correct to	ulgated to regulate the oil and gas industry have been fully complied the best of my knowledge.
Signature Mark Mecke	K.C.C. OFFICE USE ONLY
Title Production Manager Date	09-27-91 F Letter of Confidentiality Attached Wireline Log Received
Subscribed and sworn to perfore me this 27 day of Se	C Drillers Timelog Received
19 91. Vaun Wendel	Distribution KCC SWD/Rep NGPA
Notes Public in and for the State of Texas	KGS Plug Other
DAMES MESSES IN CO.	(Specify)
NUTARY PUBLIC State of Texa	
Comm. Exp. 11-21-92	Form ACO-1 (7-89)

### SIDE TWO

\*\*

Operator Name Abra	xas Produc	tion Corporatio	n Lease Name	Leo		Well #	1 /	
		☐ East	County	Raw	lins			
Sec. 19 Twp. 1S	Rge. 34	☑ West	-					
INSTRUCTIONS: Show interval tested, time hydrostatic pressures if more space is need	e tool open a , bottom hole	nd closed, flowing temperature, fluid r	and shut-in pres	sures. whet!	her shut-in pre	ssure rea	ched static level	
Drill Stem Tests Take (Attach Additional	• •	X Yes No			Formation Desc	ription		
Samples Sent to Geolo	gical Survey	X Yes No			⊠ Log □	Sample		
Cores Taken		Yes X No	Name		Тор	Bott	com	
Electric Log Run (Submit Copy.)		Yes No	Stone Co Base S. Topeka	orral Anh		051' 086' 931'		
DST #1 from 4139 Times: 30-30-30- IH 2276 PSI IF 142-507 PSI ISI 966 PSI FF 537-687 PSI	-4245' in 1 30	Lansing B&CR m	ecovered 30 ud with oil 5% Deer Cro Oread Heebner	ft mud wi scum & 90	th oil spot: O' MW with o	s (1% oi	11), 300' n 15% mud.	
FSI 946 PSI FH	2266 PSI	ا ، يود بر ما الله الله الله الله الله الله الله ا	Lansing	· /		126'		
	Report a	CASING RECORD il strings set-condu	New U	, sed ntermediate,	production, et	c.		
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	
Surface	,12 1/4"	<u>8 5/8"</u>		307	60/40 Poz	200	2% gel, 3%co	
						İ		
Shots Per Foot	PERFORATION Specify Footage	N RECORD ge of Each Interval	Perforated	Acid, Fracture, Shot, Cement Squeeze Record ated (Amount and Kind of Material Used) Depth				
	V -							
						·		
TUBING RECORD	Size	Set At	Packer At	Liner Run	☐ Yes ☐	No		
Date of First Produc	tion Producir	ng Method Flowing	Pumping Ga	as Lift 🗆 (	Other (Explain)			
Estimated Production Per 24 Hours	Oil	Bbls. Gas	Mcf Water	Bbls.	Gas-Oil	Ratio	Gravity	
Disposition of Gas:		ME	THOO OF COMPLETI	ON	~	P	roduction Interval	
Vented Sold (If vented, sub			Hole Perfor			d Comm	ingled	
·	-	☐ Other	(Specify)					

CUSTOMER COPY

INVOICE

003650 CURT VANPELT

SAN ANTONIO, TX 78217

ACCT. NO.



A Halliburton Company

REMIT TO:

P.O. BOX 951046 DALLAS, TX 75395-1046

	3351	3 0	8/20	/19
STATE	WELL			

COMPANY TRUCK

アー・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・	Control of the contro	インセラ・コインをデータンと関係の大型な対象を発展を開きて、 - インセラ・コインをデーターと	163358 08/20/1991
WELL LEASE NO /PLANT N	VAME WELL	JPLANT LOCATION STATE	WELL/PLANT OWNER
LED 1	PAWITNS	¥\$	ABPAXAS
SERVICE LOCATION	CONTRACTOR	JOB PURPOSE	TICKET DATE
OBERLIN	MURPIN'S	CEMENT SURFACE CASI	NG 08/20/1991

\*PD BY CK# 02158 \$4,505.28\* DIRECT CORRESPONDENCE TO ABRAXAS PETROLEUM CORP FIRST OKLAHOMA TOWER P O BOX 17485

210 WEST PARK AVENUE SUITE 2050 OKLAHOMA CITY, OK 73102-5601

PRICE REF. NO. DESCRIPTION UNIT PRICE RICING AREA - MID CONTINENT MILEAGE 000-117 40 MI 104.00 2.60 UNT 307 FT 001-016 CEMENTING CASING 515.00 515.00 UNT 030-503 CMTG PLUG LA-11, CP-1, CP-3, TOP 8 5/6 IN 90.00 90,00 EA GUIDE SHOE - 8 5/8" 8RD THD. EA 12A 216.00 216.00 825.217 insert float valve - 8 5/8"8rd EA 171.00 171.00 24A 815 19502 F1LL-UP UNIT 7"- 8 5/8" EΑ 30.00 30.00 815.1941 CENTRALIZER 8-5/8" MODEL S-4 40 EA 62.00 248:00 OCT 0 2 1991 807.93059 350 HALLIBURTON WELD-A LB 11.50 11.50 890,10802 FASCRIP LIMIT CLAMP 8 5/8" 13,75 66 EA 13.75 807.64056 504-308 STANDARD CEMENT 120 SK 810.00 6.75 506-105 POZMIX A SK 3.90 80 312.00 .00 506-121 HALLIBURTON-CEL 2% SK N/C 509-406 ANHYDROUS CALCIUM CHLORIDE SK 26.25 157.50 500-207 BULK SERVICE CHARGE 212 CFT 1.15 243.80 MILEAGE CMTU MAT DEL OR RETURN . 80 289.28 500-306 361.60 TMI INVOICE SUBTOTAL 3.211.63 642.36-DISCOUNT- (BID) 2,569.47 INVOICE BID AMOUNT

AFFIX JOB TKT FORM 1900-R4

\*\*\*\*\* CONTINUED ON NEXT PAG

\*-KANSAS STATE SALES TAX

85.10

JOB LOG CAXAA CUSTOMER ADALAXAS POT INC. PAGE NO. MPE SURFACE DATE 8-20-91 VOLUME (BBL) (GAL) PRESSURE (PSI) \_RATE\_ (BPM) CHART TIME DESCRIPTION OF OPERATION AND MATERIALS TUBING CASING 1130 CALLEDOUT 1510 on Loc Rig Onla @ 300FT Setup Truck 1520 -in Only-Circ. Pull Drillpipe START 85/8 Csq W/ Rig Guide shoe Insert Flort Jalue W/Auto Filf CENTRALIZED SFT Above shoe \$0N 1, 3\$ STh collans 1715 STANTCINE 1720 725 100 STANT NEOSPACEN 1726 1729 100 Fin Spacen 100 ST. mix 200sts 60/40/0722969=23% 730 100 Fin Cont 46 RELEASE LA-11 TOP Plus 100 ST. O.SA 1741 600 Fin Disp RETEASE INSENT CINTCIRC 6BBC, Job Complete

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	William Commission of the Comm			WP.	RNS	NEW	WEIGHT	5iZE	FROM	STATE	÷	MAXIMUM PS ALLOWABLE
RMATION NAME		TYP	E		CASING	USED	23	850	KB	30.		ALLOWABLE
RMATION THICKNESS_	l	FROM	то_		LINER	12	73	1078	+~-	130	$\leftarrow$	
TIAL PROD: OIL	BPD. WATER_	BPD.	GAS	MCFD	TUBING			<del> </del>	<del> </del>	+	-+	· · · · · · · · · · · · · · · · · · ·
ESENT PROD: OIL	BPD. WATER_	BPO.	GAS	MCFD	OPEN HOLE	<u> </u>		*1**	<b>-</b>	<del>                                     </del>		
MPLETION DATE	MUD TY	PE	MUD W	т					<del> </del>	-		SHOTS/FT.
CKER TYPE		SET /	NT		PERFORATIO		·	<del> </del>	<b></b>			
TTOM HOLE TEMP		PRESSURE			PERFORATION			<u> </u>				
C. DATA		TOTAL	DEPTH	307	PERFORATIO	DN5		<u> </u>	1		L	
	-		-	JOB	DATA				·			
	TOOLS AND ACC	CESSORIES			CALLED OU		ON LOC		JOB STARTE			OMPLETED
TYPE AND	SIZE	QTY.		MAKE	DATES-2	0-91	DATES	-20-91	DATE 7-2	0-91		8-20-9
DAT COLLAR TO	sent 856	100	Ho	gow,	TIME //3	30	TIME	510	TIME /6	10	TIME	748
DAT SHOE	85/9	1EA	Hai	200					D SERVICE			
DE SHOE	<del> /6</del>	1 7 0 7	1203	<u>,                                    </u>			NAME		UNIT NO. 8	TYPE		OCATION
NTRALIZERS M_ U	856	4EA	10	4116	TVE	. > 4	<del>4.)</del>		2579			c-NLin
TTOM PLUG	<del>-0-/8</del>	75.1	1.0		7/10				P.C.			21CM
PLUG / A -/	1 851	1EA	1/2	<u> </u>	AND	-71.	<del></del>		384			nin
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· plug (	5/1 /8 /2	1EA	1	mco_	M. I	ONO	25		1-7	·	<u>r</u>	2
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PL. FLUID		_DENISTY		D/GAL-API	-							
	SIZE		LB						1	.		
OP. TYPE					***************************************				<b>†</b>			
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REACTANT TYPE	G	AL	IN		DEPARTMENT	ه ک	11-	Bull				
AGENT TYPE	G	AL	IN		DESCRIPTION	OF JOB.	Cm'	1 BUM	F.Cs	<u> </u>		
ID LOSS ADD. TYPE	GAL.	-LB	IN									
LING AGENT TYPE	GAL.	-LB	IN			······································						····
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TAGE NUMBER OF SACKS	CEMENT	BRAND	SACKED	T	•	ADDIT	IVES			CU.FT./		MIXED LBS/GAL.
200	/Nunna	STZ.	B	20/00-	7 - 200				· ·	1.2	0	14.3
700	6940por	3/200	-	d 709E	570	عب	<del>~</del>		***	1.2	-	
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AKDOWN	FRACT		1.00		LOAD & BKDN:	BBLGA	produce and the second	egis Mit in Spanier (n. 1922). The state of the state of	PAD	BBL. GAL	ا زیالت موان	
RAGE	T	URE GRADIENT_		STORY THE STORY OF	TREATMENT: BE	L GAL	**************************************		DISF	L BBL G		
IT-IN: INSTANT	B-MIN.				CEMENT SLURR	Y: (B)	GAL #	2	eer in printing			1,157,5
	HYDRAULIC HO	and the same	が利用。		TOTAL VOLUME:	(BB)-G/	1 6	8	et i dag dag da et e dag et	وشراه رياكي أمار	\$P.447	
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ATING	CEMENT LEFT	IN PIPE			Q-3%-(1)	200	NV	nci.	<b>m</b> 0	The Control of the Co		
ATING	CEMENT LEFT	IN PIPE					1 WV	ncy	300			
ATING	CEMENT LEFT	IN PIPE					NV	MCY	8			

# WORK ORDER CONTRACT

AND PRE-TREATMENT DATA

DISTRICT DOEN ( )				·	DATE 8	-20-91	<u>, u i idal</u>
TO: HALLIBURTON SERVICES  YOU ARE HEREBY R  THE SAME AS AN INDEPENDENT CONTRACTOR TO: A BA	REQUESTED TO I	URNISH E	QUIPMENT	AND SERV	ICEMEN TO	DELIVER AI	ND OPERATE
- AND DELIVER AND SELL PRODUCTS, SUPPLIES, AND MATERIALS	FOR THE PURPOS	E OF SERVI	(CUSTO	MER)	3 640	1	bane :
WELL NO LEASE		SEC	19	TWP.	/ <u>s</u>	PAR	34 L
FIELD WESCOTT COUNTY RAWLINS	STATE 13.		OWNED		LAXAS		Ivc.
THE FOLLOWING INFORMATION W	AS FURNISHE	D BY TH	E CUSTO	MER OR I	HIS AGEN	T	
FORMATION NAME TYPE		NEW USED	WEIGHT	SIZE	FROM	то	MAX. ALLOW. P.S.I.
FORMATION	CASING	N	23	85/8	KB	30>	
PACKER: TYPE SET AT	LINER			_			
TOTAL DEPTH 30 7 MUD WEIGHT	TUBING						
BORE HOLE 12 14	OPEN HOL	E					SHOTS/FT.
INITIAL PROD: OILBPD, H <sub>2</sub> OBPD, GASM	CF PERFORAT	ions					
PRESENT PROD: OILBPD, H2OBPD, GASM	CF PERFORATI	IONS					
	PERFORATI	IONS					
PREVIOUS TREATMENT: DATE TYPE			_ MATERIAL:	s			
TREATMENT INSTRUCTIONS: TREAT THRU TUBING ANNULUS CAS	- 1	_	HYDRAULIC	HORSEPOV	VER ORDERE	D	
Cm 1 8 / SUNF. Cag W/20	0 25 60/	4000	<u>z 2%</u>	907	3%cc	- W	
Guide Shoe, ENSENT FLOATE	Jewo- S	5-4 c	entri	1300	5 5 F	Tho	UESHOO
ON1, 3ESTh COLLARS AS DINER	JED						
CUSTOMER OR LING AGENT WARRANT TO THE TOTAL TO THE T							·····
CUSTOMER OR HIS AGENT WARRANTS THE WELL IS IN PROPER CONDITI				S, MATERIA	LS, AND SE	RVICES	
As consideration, the above-named Customer agrees: THIS CONTRACT MUST I						-	
a) To pay Halliburton in accord with the rates and terms stated in Halliburton's current payment of Customer's account by the last day of the month following the month in wh but never to exceed 18% per annum. In the event it becomes necessary to employ at of 20% of the amount of the unpaid account	price list. Invoices are nich the invoice is dated ttorneys to enforce coll	payable NET b I, Customer agri ection of said a	by the 20th of the ees to pay interest account, Custome	ne following mo est thereon after er agrees to par	nth after date on the first default at the first all collection collections.	f invoice. Upon C highest lawful con osts and attorney	Sustomer's default tract rate applicably fees in the amou
b) To defend, indemnify, release and hold harmless Halliburton, its divisions, subsidianes, any claims, liability, expenses, attorneys fees, and costs of defense to the extent permit	parent and affiliated co ted by law for:	mpanies and th	ne officers, direct	ors, employees	agents and ser	vants of all of the	em from and again
1 Damage to property owned by in the possession of or locked by Customer a			<u>.</u>				1

- 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 claims or liability even if caused or contributed to by Halliburton's negligence, strict liability, or the unseaworthiness of any vessel owned, operated, or furnished by Halliburton or any defect in the data, products, supplies, materials, or equipment of Halliburton whether in not apply where the claims or liability are caused by the gross negligence or willful misconduct of Halliburton. The term "Halliburton" as used in said Sections b) and c) shall mean Halliburton, 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 tacis and supporting services turnished 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 accuracy of any chart interpretation, research analysis, job recommendation or other data turnished by Halliburton, Halliburton personnel use their best efforts in gathering such information and their best sudgment 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 intormation.
- That Haliburron warrants only fittle 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. Hallburton's liability and Customer's exclusive remedy in any or materials on their return to Hallburton of at Hallburton's option, to the abovence to the Customer of credit for the cost of such items. In no event shall Hallburton be liable for special, incidental indirect punitive or consequential damages
- That Customer shall, at its risk and expense, attempt to recover any Hallibutton 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 lesser of its 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 until 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 Act, to the extent permitted by law
- That this contract shall be governed by the law of the state where services are performed or materials are turnished.
- That Halliburton shall not be bound by any changes or modifications in this contract, except where such change or modification is made in writing by a duty authorized executive officer of Halliburton.

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

tion of goods and/or with respect to services furnished under this contract

## HALLBURTON SERVICES

# TICKET CONTINUATION

		. 12		
FOR INVOICE AND	12	> >	~	ን
TICKET NO.	$^{\prime}$ $^{\prime}$	$\sim$	> T	ን

DATE	CUSTOMER ORDE	RN	0.		WELL NO. AND FARM	a et para la	Ico	UNTY	JKI.	1.0	MAI	STATE	
8-20-91				off attended to the state of th	#1 L00	ئىنىڭ ئىدائىلىدىنىدە يەسەر ئادارىدانىدانىدىنىدا		-	<i>i</i> lins			Ks	m in
CHARGE TO		-			OWNER		CONTRA	CTOR		-	<del></del>		
MAILING ADDRESS	ADIAKAS				Abraxas		•	rfin				<b>3</b> 982:	390
·	-			<u>.</u>	Oberlin,	Ks	LOCATIO 25	529		ared 8 1k			
CITY & STATE					DELIVERED TO		TRUCK N	O.	RECE	YED B	//		
					NW/Atwood	******************	3	846		<u>.</u> K	رم	-04	
PRICE REFERENCE	SECONDARY REF. OR PART NO.	L	DE		DESCRIPTION		UNIT		UNITS	·•	UNIT PRICE	AMOL	JNT
504-308		1	П	Standard	Cement		120	sk	QTY.	MEAS	6.75	81	0 00
506-105			1	Pozmix				sk		<del> </del>	3.90	1	+-
506-121			1		ton Gel Allowed	2% (4)	00	DIV		<del>                                     </del>	3.90	NC NC	
509-406				Calcium		2/0 (4)	<i>E</i> .	,	-	<u> </u>	25 21		
	· ·		1	CUTCIUM	CITTOT THE		<u>6</u> s	K.		<del> </del>	26.25	157	50
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		1											- <u>Sec</u>
500–207		1			MATERIALS RETURNED			CU. F1	Title Terrer 1 Av		1.15	243	2024
500–306		+	4	RVICE CHARGE		ANTERNA DE	· · · · · · · · · · · · · · · · · · ·	CU. FE	ET TO		27.7	The state of the state of the	12.5
300-300		1	ď		18,080 FOTAL WEIGHT	40	MILES	36 TON M	1.60		.80	289	28
<b>B</b> 9823	190					The same of the sa		er meru.	The street		fargotick.		
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No. 163358-8 WELL NO. - FARM OR LEASE NAME CITY/OFFSHORE LOCATION 8-20-91 TICKET TYPE (CHECK ONE) A BRA CONTRACTOR SERVICE X SALES LOCATION CITY, STATE, ZIP PPD COLLECT WELL TYPE WELL CATEGORY WELL PERMIT NO. LOCATION CODE TYPE AND PURPOSE OF JOB UW/ATWON REFERRAL LOCATION Halliburton warrants only title to the products, supplies and materials and the HTMESS FOR A PARTICULAR PURPOSE OR OTHERWISE WHICH EXTEND BEYGO action (whether in contract, tort, product hability, breach of warranty or ott supplies or materials on their return to Halliburton or, at Halliburton's option, to punitive or consequential damages. PRICE SECONDARY REF UNITS 2 UNIT PRICE DESCRIPTION REFERENCE OR PART NO. ACCOUNT **AMOUNT** MEAS OTY MILEAGE 7 2. <u>5</u>0 000-117 40 MIL 104,00 001-016 8 hirc 51500 307 FT 030-503 90 00 825,217 12A 216100 815,19502 DUSENT FLOATUALIE 815.19415 Auto Fill up 30,00 807,93059 620 40 -4 CONTRALIZONS 248,00 F90,10802 350 House - WELD 802.64056 FASGLO (LAMP AS PER ATTACHED BULK MATERIAL DELIVERY TICKET NO. WE CERTIFY THAT THE FAIR LABOR STANDARDS ACT OF 1938 COMPLIED WITH IN THE PRODUCTION OF GOODS AND OR WE WAS JOB SATISFACTORILY COMPLETED? WAS OPERATION OF EQUIPMENT SATISFACTORY? WAS PERFORMANCE OF PERSONNEL SATISFACTORY? CUSTOMER OR HIS AGENT (PLEASE PRINT) APPLICABLE TAXES WILL BE ADDED ON MYDICE HALLIBURTON APPROVAL

CUSTOMER OR HIS AGENT (SIGNATURE)

TICKET

CUSTOMER COPY NVOICE



REMIT TO:

P.O. BOX 951046 DALLAS TV 2526

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08/25/1

			-951688 08/26/1991
WELL LEASE NO./PLANT	NAME WELL/P	LANT LOCATION STATE	
FO 1	RAWLINS	"Noted Control (Control Control Contro	ABRAXAS PET. CORP.
SERVICE LOCATION	CONTRACTOR	JOB PURPOSE	TICKET DATE
BERLIN	MURFIN DRLG: #3	PLUG TO ABANDON	08/26/1991

003650 ROY VAN PELT \*PD BY CK# 02158 \$4,505.28\* DIRECT CORRESPONDENCE TO:

ABRAXAS PETROLEUM CORP P Ó BOX 17485 SAN ANTONIO, TX 78217

FIRST OKLAHOMA TOWER 210 WEST PARK AVENUE SUITE 2050 OKLAHOMA CITY, OK 73102-5601

PRICE REF. NO.	DESCRIPTION	QUANTITY	U/M	UNIT PRICE	AMOUNT
THE THE THE STREET WAS A STREET OF THE STREET	A - MID CONTINENT MILEAGE	"THE SECOND SECURIOR	MI UNT	2.60	104.00
	MISCELLANEOUS PUMPING JOB CMTG PLUG LA-11, CP-1, CP-3, TOP	1 8-5/8	TRK IN	370.00 90.00	370.00 90.00
506+105 506+121 507-277 507+210 500-207	STANDARD CEMENT POZMIX A HALLIBURTON-GEL 2% HALLIBURTON-GEL ADDED 4% FLOCELE BULK SERVICE CHARGE MILEAGE CMTG MAT DEL OR RETURN	114 76 4 6 48 205	SK SK SK LB CFT	6.75 3.90 .00 14.75 1.30	?69.50 296.40 N/C 88.50 62.40 235.75 271.61
	INVOICE SUBTOTAL				2,288.36
	DISCOUNT- (BID) INVOICE BID AMOUNT		1	EI ont (MSS)(IV	457.67- 1,830.69
		00	0.2	1991	
				ST SIGN	
3.	INVOICE TOTAL - PLEASE PAY THIS	37.1.7.7.888888888	5 11 97 N N T W S S S E	The second contract of	· 51,830.69

FORM 1900-R4

HALLIBURTON SERVICES WELL NO. 7 TEAS 460 TICKET NO. 05 1688-X JOB LOG OMER ANDROXAS Retroleum Co PAGE NO 1071 DESCRIPTION OF OPERATION AND MATERIALS Called out - Job ready @0300 hrs. 0006 ON LOCI- Rig Run Plug Stds Setup Equip 0227 0245 Rig Circ hole @ 3075 for 1st plug 0257 40 175 HookustoDP - Start 10 bbl. water 10:01 175 Startmining 255KS. 60140-6966 et 44 Frak 0300 4.0 -7.3 100 Finish mixing - Start 312661 water 0302 3.0 3.5 0304 38.3 Rig Dump muldisp. Plugdown-Rig ky down DP 1308 Plug Stds. @ 2300'- Rig Circ. for 2 2 plug 0352 150 Hookup-Start 10bbl. water 5.0 0358 10.0 150 Start mining 100 SKS. 60/406% Gel-4 Flocale 5.0 29.2 6401 50 Finish mixing-Start 3/2 bbli water 3.0 3.5 9040 Rig pumpmind disp Plug down-Rig lay down D? 21.6 0409 0412 Plug Stds. @ 360- Rig 7,11 hole 0542 50 Start 5661, water 0552 5.0 50 Start mining 40 545.60/40696 Gel-14 \* Flocele 0554 11.7 O FINIShmixing-Start disp. 0557 2.3 Plug down-Rig lay down'D? 0558 DPout-Rig break down Kelly Push 858" Plug down 40' 0612 0630 Riglay down Kelly & Rathole 2-9 O Start mixing 10 sts. for 40' plug 0645 O Start mixing 155Ks. For Rat hole 4.4 0648 Plug down 0650 Job Completed 0700 hank you Eldow-Harold COMMISSI YMIKE. NOPSIVIC IN

A TA			A STATE OF THE PARTY OF THE PAR	WEL	DATA		-				<u> </u>	
EDILLO T	Fmood Ke			9	PNG 3	COUN	m 1	اگنت	105	-	Ks	
						NEW WE	GHT	SIZE	FROM	_το	MAXIMUM I	PSI
FORMATION NAME		JV	PE		CASING	OSED ;	G; - :	85/8"	KB	307	ALLOWAB	LE
FORMATION THICKNES	BPD. WATER	FROM	TO		UNER			2/2	110		22.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2	
NITIAL PRODUCE		BPD.	GAS	MCFD	TUBING		75.5				* ***	<del></del>
PRESENT PROD: OIL			·. · ·	MCFD.	OPEN HOLE -			77/2"	307	438	SHOTS/FT	
COMPLETION DATE	MUD TY	(PE	MUD W	7.	PERFORATION		1,2	118	30,	1700	<u> </u>	
PACKER TYPE	Annual An	SET.	AT		PERFORATION	- 1				(-4-4-7)	1 1 1 1	
BOTTOM HOLE TEMP.		PRESSURE		380	PERFORATION			1 - 1940		7-4-4	Total Lance	
MISC. DATA		TOTAL	DEPTH		DATA			- 2-2 -		L	<u>- L</u>	
	TOOLS AND AC	CEECOBIES			CALLED OUT		LOCA	TION	JOB STARTED		JOB COMPLETED	
TYPE	AND SIZE	OTY.	<u>.                                      </u>	MAKE	10.3	1-91	_0	21 -91	0 1	1	DATE 8-26-9	31
FLOAT COLLAR		<del></del>	<del></del>		i					- I		# 3
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FLOAT SHOE			1				PERSO	NNEL AND	SERVICE I		:	
GUIDE SHOE		<u> </u>	1		<del></del>	NAME	·		UNIT NO. &		LOCATION "	<u></u>
CENTRALIZERS		<del></del>	<del> </del>		E. Key	nolds			Remht	400/	.1	
BOTTOM PLUG	11 06/2	++	<del> </del>		H. DE	114			3579		herlini, k	<u>(S,</u>
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HEAD		<u> </u>	<b></b>		m. To	) ಬಲ್			3846	C	Oberlin, K	<u>ঙ,</u>
PACKER			<u> </u>							-	,	
OTHER			<u> </u>		-					İ		
•	MATER	IALS			-							
TREAT. FLUID	<u> </u>	DENSITY		O LB/GAL-API							•	
DISPL. FLUID		DENISTY		O LB/GAL-API			~	į				
PROP. TYPE	SIZE			- VAL. M.				*	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	-11 hp		
PROP. TYPE	SIZE		LB		***************************************	<del></del>		STAT	4	17		
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LUID LOSS ADD. TYPE	GAL		IN		13	<u> </u>	<u>v )-</u>	10 C				
SELLING AGENT TYPE_	GAL	-LB	IN	4.5		*		**************************************				
RIC. RED. AGENT TYPE	GAL	-LB	IN					$\overline{}$			<del></del>	_
•		-LB	IN		JOB DONE THRU	AG	M	CASI	Ng - ^	NNULUS [	TBG/ANN.	H
REAKER TYPE	GAL					V	# L		'ノ	1 -		
REAKER TYPE	GAL	·	SAL-LB		CUSTOMER	- W 1				[ <b>L</b>	2	*.
LOCKING AGENT TYPE	GAL		TY		CUSTOMER REPRESENTATIV	E <b>X</b>	70	4 1/0	mtel	*		- '
ERFPAC BALLS TYPE			OTY.		REPRESENTATIV	: <b>Х</b>	70	4 (10)	m Fel	CODIES		. 1
ERFPAC BALLS TYPE	GAL	c	OTY		HALLIBURTON OPERATOR	Eldn	70 7	y (10 Lun	m Tel	COPIES REQUESTE	:D	
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COCKING AGENT TYPE  CERFPAC BALLS TYPE  CHER  THER  NUMBER	CEMENT	BRAND	BULK		HALLIBURTON OPERATOR	Eldo	70	y Va zum	n Tel	YIELD CU.FT/SK	MIXED	
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COLLATING  EARKDOWN  FRAGE	CEMENT  GO/40  PRESSURES IN	BRAND  PSI ISPLACEMENT  IAXIMUM  URE GRADIENT	BULK	CEMEN	REPRESENTATIV  HALLIBURTON OPERATOR  I DATA  ARY  RESUUSH: BBL. OAD & BKDN: BB	ADDITIVES  F/O  LGAL  GAL	3 3	VOLUM	ES TYPE L PAD	YIELD CU.FT/SK	MIXED LBS/GAL	13
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### HALLENETON SER

### WORK ORDER CONTRACT AND PRE-TREATMENT DATA

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	71	STRK				-	K S	
-							7	

DISTRICT		2			- DATE E	7-26-4	7/
TO: HALLIBURTON SERVICES YOU ARE HEREBY REQU						·	
TO: HALLIBURTON SERVICES YOU ARE HEREBY REQU	ESIED IOF	JRNISH EC	PUIPMENT A	ND SERVI	CEMEN TO	DELIVER A	ND OPERATE
THE SAME AS AN INDEPENDENT CONTRACTOR TO:	ravas	tets	Oleum	Cor	$\cdot \mathfrak{J} = \emptyset$	ADIZ	I TAT LE
AND DELIVER AND SELL PRODUCTS, SUPPLIES, AND MATERIALS FOR	THE PURPOSE	OF SERVIC	ING COSTOM		* ·	=======================================	r-, - :
WELL NO. LEASE LEG -	4 Comments of the comments of	SEC	19	_ TWP		RAN	NGF 34 W
	يد نه سد			~ ~ .			****
FIELD NO AT WOOD KS COUNTY KOUSTING STATE			OWNED		PLYAS	stet.	Corp :
THE FOLLOWING INFORMATION WAS	FURNISHE	O BY THI	E CUSTON	TER OR H	IIS AGEN	Τ .	1.
FORMATIONTYPETYPE		NEW USED	WEIGHT	SIZE	FROM	то	MAX. ALLOW. P.S.I.
FORMATION THICKNESS TOTO	CASING		-	×5/4"	KB	307	
PACKER: TYPESET AT	LINER			Ü	,	-	
TOTAL DEPTH 4380' MUD WEIGHT	TUBING		-				
BORE HOLE 77/3	OPEN HOLE			77/8	307	4280	SHOTS/FT.
INITIAL PROD: OILBPD, H <sub>2</sub> OBPD, GASMCF	PERFORATIO	NS .					
PRESENT PROD: OILBPD, H <sub>2</sub> OBPD, GASMCF	PERFORATIO	NS .					
	PERFORATIO	NS .					
PREVIOUS TREATMENT: DATETYPE			. MATERIALS				
TREATMENT INSTRUCTIONS: TREAT THRU TUBING ANNULUS CASING	TUBING/AN	INULUS 🛘	HYDRAULIC I	HORSEPOW	ER ORDERE	D	
- Play to Abandon w/ 190 sks 60	0140 (	266	el - 1/4	Flor	- 6 1:-		
1- Juan 3075 1175 5ks - 2 Nº 01	· (i) 1	3001	11005	1.5 - 2	(1) Di		
101+- 110 61/2 - 11401 - 6 1101	3		d 700 3	× 3	1 1 1 1 1 1	<u> 3 @ . 3 6</u>	·O
with the state of the plant of the	4105	Ke - 1	D SK3	L. Kit	1-016		
CUSTOMER OR HIS AGENT WARRANTS THE WELL IS IN PROPER CONDITION TO	O PECENE TH	ted .					
As consideration, the activit nomical Gustomer agrees:  THIS CONTRACT MUST BE SIGN.				, MAIERIAL	S, AND SE	WICES	
a) To previous form is account the mission of terms stated in Hollaustan's outroit price is disjusted of Gustomic's account by the less day of the month following the month in which the but have trolled and "E" cer chapter in the event it becomes necessary, in employ attorneys or 20% of the amount of the unpaid account.	ist invoices are pa	ivable NET by	ine 20th of the	turby on word triggeor after agreed to pay	re af li dult in defactlie, the off collection is ce	era i bul Mibubu Ling se lebin yi Ling se lebin yi	ustink neturo. Litut rumbab frue ring ambe
5. To defend incernnity, release and hold harmless Halliburtor, its divisions subsidiaries parent any claims liability, expenses, attorneys fees and costs of defense to the extent permitted by li-	and attiliated comp law for				agents and Son	rants of all of the	m fress and again
<ol> <li>Damage to property owned c; in the possession of or leased by Customer and/or ti "well owner" shall include working and royalty interest owners.</li> </ol>		different from i	TATE CORPOR Custameri, includ	¶/ ling, but not lin	nted to surface	and subsurface	damaga. The ter
2. Reservoir, formation, or well loss or damage, subsurface trespass or any action in the nat	ture thereof.		OCT	1 2 ann	14		

Personal injury or death or property damage (including but not limited to damage to the reservoir formation or well, or any damages whotsoever growing out of or in any way consented with or resulting from pollution, subsurface-pressure losing control of the well and/or a well browout or the user, radioactive material.

The defense incernity, release and rold harmless obligations of Customer provided for in this Section b) and Section of below shall be the claims or liability even if caused or contributed to by Haliburton's The defense, indemnity, release and rook harmless obligations of Customer provided for in this Section b) and Section of below shall be the claims or liability even if caused or contributed to by Haliburton's negligence, strict liability, or the unseaworthiness of any vessel owned operated, or from a failure to warn any person of such defect in the data products supplies, materials, or equipment of haliburton whether in the preparation, design manufacture distribution, or marketing thereof, or from a failure to warn any person of such defended in the data products supplies, materials, or equipment of haliburton whether in not apply where the claims or habitly are caused by the gross negligence or willful misconduct of Haliburton. The term "Haliburton as used in said Sections bit and of enul near 15 liberton its divisions subsidiaries, berent and affiliated companies and the officers, directors employees agents and servants of all of them.

Indifferent of the encending of the unit of different displaying on finds our also where the encending some some some some personal control of reigning on finds our assets of respect to the encending some some personal control of the encendent of the encenter of the encendent of the encendent of the encendent of the encendent of the encenter of the e The industrial countries of the products success and materials and that the society of the introduction of the products success and that the society of the introduction of the introduction of the product of the produ

punditie of cursequential damages That Customer shall, at its risk and expense, attempt, to recover any Haliburton equipment, tools or instruments which are tool in the well and if such equipment, fould or performed. A comment of the cost of the cost of the cost of repairs unless such damage is caused by the sole negligence of Haliburton, in the cost of the cost of repairs unless such damage is caused by the sole negligence of Haliburton. In the cost of program, tools or instruments for marine operation. Customer, shall, in addition to the foregoing, be fully responsible for loss of or damage to any of Haliburton's equipment, tools or instruments which occurs at any time after delivery to Customer at the landing unless such loss or damage is caused by the sole negligence of Haliburton.

To waive the provisions of the Deceptive Trade Practices - Consumer Protection Act, to the extent 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 modifications in this contract, except where such change or modification is made in writing by a duly authorized executive afficer of Halliburton. 

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

SIGNED TAG

ertify that the Fair Labor Standards Act of 1938, as an 1938, as amended, has been complied with in the furnished under this contract.

# BULK MATERIALS DELIVERY AND FOR INVOICE AND COLOR

	HALLBURION SE	YCE	TICKET CONTINUATI	FOR INVOICE AND 17688				
	8:26-91	CUSTOMER ORDER NO.	WELL NO. AND FARM		Eles		STATE	
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	CITY & STATE		Whidell, Ks	3846	E.R.	Keyno	lels	
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~~			Returned Mileage Charge TOTAL WEIGHT LOAD	DED MILES	ON MILES			
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	₩B9823	396	CA	RRY FORWARD TO	INVOICE SEUB-	TOTAL	1724 36	

PAGET OF PAGES No. 051688 X HALLIBURTON SERVICES WELL NO. - FARM OR LEASE NAME STAJE 🕝 CITY OFFSHORE LOCATION CHARGE TO OWNER TICKET TYPE (CHECK ONE) Same SERVICE X SALES ADDRESS CONTRACTOR LOCATION CITY, STATE, ZIP SHIPPED VIA FREIGHT CHARGES 3574-3346 DELIVERED TO PPD - COLDECT WELL TYPE -WELL CATEGORY WELL PERMIT NO. LOCATION CODE 0) NW/Atwood, Ks. TYPE AND PURPOSE OF JOB REFERRAL LOCATION Plug to Abandon rable NET by the 20th of the following month after date grees to pay interest thereon after default at the highest Customer agrees to pay all collection costs and attorney or equipment or materials are furnished. Halliburton warrants only title to the pn
FITNESS FOR A PARTICULAR PURPOSE OR
of action (whether in contract, tort, product
supplies or materials on their return to Hallib
punitive or consequential damages. manship and materials. THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED, OF MERCHANTABILITY, ELY PRECEDING SENTENCE. Halliburton's fiability and customer's exclusive remedy in any cause of any products, supplies or materials is expressly limited to the replacement of such products, t for the cost of such items. In no event shall Halliburton be liable for special, incidental, indirect, only title to the products, suppli AR PURPOSE OR OTHERWISE act, tort, product liability, bre ir return to Halliburton or, at UNITS 1 UNITS 2 SECONDARY REF UNIT PRICE DESCRIPTION **AMOUNT** REFERENCE OR PART NO. QTY MEAS QTY MEAS MILEAGE 3574] 000-117 40 m 2.60 104/00 2 / ha 370.a 37000 84.cc 85% in 0-503 9000 90.00 37± .... AS PER ATTACHED BULK MATERIAL DELIVERY TICKET NO. FY THAT THE FAIR LABOR STANDARDS ACT OF 1838, AS AMENDED HAS BEEN WITH IN THE PRODUCTION OF GOODS AND OR WITH RESPECT TO SENICES HALDBURTON OPERATOR

AUSTOMER OR HIS AGENT (PLEASE PRINTI)

JUSTOMER OR HIS AGENT (SIGNATURE)

HALLELRICAL

CUSTOMER