| API NO. 15- 025-21,072-000

STATE CORPORATION COMMISSION OF KANSAS: OIL & GAS CONSERVATION DIVISION

Date Commission Expires 1-5-96

MELL COMPLETION FORM ACO-1 WELL HISTORY	County Of Of C
DESCRIPTION OF WELL AND LEASE	- SE - NE - SW Sec. 35 Twp. 32S Rge. 23 X
Operator: License # 4058	1850 Feet from (S/N (circle one) Line of Section
Name: American Warrior, Inc	2310 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 Abell Well # 8
Purchaser: Koch	Field Name Ashland
Operator Contact Person: Scott Corsair	Producing Formation Swope
Phone (913) 398-2270	Elevation: Ground 2030 KB 2043
Contractor: Mane: Eagle Drilling, Inc	Total Depth
License:5380	Amount of Surface Pipe Set and Cemented at 668 Fe
Wellsite Geologist: Scott Corsair	Multiple Stage Cementing Collar Used?Yes X
Decimate Type of Completion	If yes, show depth setFe
X New Well Re-Entry Workover	If Alternate II completion, cement circulated from
X oil SUD Temp. Abd.	feet depth to w/ sx cm
Dry Other (Core, WSW, Expl., Cathodic and Till)	If Alternate II completion, cement circulated from test depth to
If Workover/Re-Entry: old well info as follows CONPONACO	(Data must be collected from the Reserve Pit) (Childride content 15,000 ppm Fluid volume 125 bb
Operator:	$\sqrt{\hat{c}}\hat{n}\hat{d}\hat{r}$ ide content $\frac{15,000}{\hat{c}}$ ppm. Fluid volume $\frac{125}{\hat{c}}$ bb
Well Name:	Dewatering method used evaporate
Comp. Date Old Total Depth COMSERVATION	A Location of fluid disposal if hauled offsite:
Deepening Re-perf Conv. to Inj/SWD	Operator Name American Warrior, Inc
Commingled Docket No Dual Completion Docket No	Lease Name Abell License No. 4058
Other (SWD or Inj?) Docket No.	SW Quarter Sec. 35 Twp. 32 \$ Rng. 23 X/W
12-8-91 12-15-91 12-30-91 Spud Date Date Reached TD Completion Date	County Clark Docket No. D-12,726
-	
Derby Building, Wichita, Kansas 67202, within 120 days of Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of 12 months if requested in writing and submitted with the language. One copy of all wireline logs and geologist well	ll be filed with the Kansas Corporation Commission, 200 Colorad of the spud date, recompletion, workover or conversion of a well n side two of this form will be held confidential for a period o he form (see rule 82-3-107 for confidentiality in excess of 1 report shall be attached with this form. ALL CEMENTING TICKETS ells. Submit CP-111 form with all temporarily abandoned wells.
All requirements of the statutes, rules and regulations promu with and the statements herein are complete and correct to	ilgated to regulate the oil and gas industry have been fully complithe best of my knowledge.
Signature ca Date 3	
Subscribed and sworn to before me this 16thday of Mar 19 92.	Ch Geologist Report Received Distribution NGPA
Notary Public Manley 18 Exh	KGS Plug Other

Stanley R. Erb
NOTARY PUBLIC
State of Kansas
My Appt. Expires 1-5-96

Form ACO-1 (7-91)

Other (Specify)

_	 -	-

perator Name <u>Ame</u>	rican-War	rior, Inc	Lease Name	Abell		Well #	8	
c. <u>35</u> _{Twp} . <u>32</u>	Rge. 23	二 East 文	County	Clark		:		
STRUCTIONS: Show therval tested, time	important tops e tool open ar , bottom hole t	and base of formati nd closed, flowing emperature, fluid re	and shut-in pres	sures, wheth	er shut-in pre	ssure read	hed static level	
rill Stem Tests Take (Attach Additional		. ⊠ _{Yes} □ _{No}	∑ _{Log}	Formation	n (Top), Depth a	and Datums	Sample	
mples Sent to Geolo	-	☐ Yes ☑ No	Name Heebner	,	Top 4220		Datum -2177	
res Taken		□ Yes Ď No	Lansing		4408		-2365	
ectric Log Run (Submit Copy.) st All E.Logs Run: Density Dual Microlog		Z Yos □ No ction, Spect eutron II,	K C A K C B Swope Hertha Marmato	n	4461 4677 4858 4907 4974		-2418 -2634 -2815 -2864 -2931	
urpose of String	Report al	CASING RECORD L strings set-condu	یں نکن ‱ نے		production, etc	# Sacks	Type and Percent	
- 	Drilled	Set (In 0.D.)	Lbs./Ft.	Depth	Cement	Used	Additives	
Conductor	20"	13"	26	71'	COMMON HLC	100 225	i %cc , 1/2 #	
Surface	12 1/4	8 5/8"	24	668	40/60 po	2 225	2% gel. 3%	
Production	7 7/8	5 1/2"	17	4999	EA-2		5% cal seal 18% salt 3/	
	 	ADDITIONA	L CEMENTING/SQUE	ZE RECORD]	Halad 322,1	
urpose: Perforate	Depth Top Bottom	Type of Cement	#Sacks Used	# flocele Type and Percent Additives				
Protect Casing Plug Back TD			<u> </u>	· · · · · · · · · · · · · · · · · · ·				
Plug Off Zone	<u> </u>		<u> </u>					
Shots Per Foot		RECORD - Bridge Pl e of Each Interval			Fracture, Shot,	•	ueeze Record Depth	
2	4857 - 48	62		500 15	% MCA		4857-62	
			-					
						<u>.=</u> .		
UBING RECORD 2	size 7/8	Set At 4900	Packer At	Liner Run .	☐ _{Y•s} ☑	No .	,	
ate of First, Resum	ed Production,	SWD or Inj. Prod	ucing Method	owing Deu	aping Gas Li	ft 🗆 ot	her (Explain)	
stimated Production Per 24 Hours	ofi. 45	Bbls. Gas	Mcf Water	Bbls.	Gas-Oil	Ratio	Gravity 36	
sposition of Gas:			ETHOD OF COMPLETI				roduction Interva	
Vented Sold	í I		Hole Dreef.					

TRILOBITE TESTING COMPANY

P.O. Box 362 • Hays, Kansas 67601

ORIGINAL

Drill-Stem Test Data

Well NameABELL	#8	Test No.	1 Date	12/13/	91
Company AMERIC Address BOX 39	CAN WARRIOR INC		Zone Test	ed LANSIN	IG
Address BOX 39	9 GARDEN CITY KS	5 67846	Elevation	2043 K	.в.
Co. Rep./Geo. SCOTT	CORSAIR cont.	EAGLE DR	LG #1	Est. Ft. of Pay	
Location: Sec35T	wp. 32S Rg	e. <u>23W</u>	CoCI	ARK State	KS
					
Interval Tested	4413-4459		e Size4.5		
Anchor Length	46	Wt. Pipe	1.D 2.7 Ft. Run ar 2.25 Ft. Run		
	4408		ar 2.25 Ft. Run	523	<u> </u>
	4413				٠.
rotarbepth	4459			•	
Mud Wt	9.1 lb	/ gal. Viscosit	y <u>47</u>	Filtrate 8.3	<u> </u>
Tool Open @ 12:20	Initial Blow 1/2" BLOW-	-DECREASED T	O SURFACE E	BLOW	
Final Blow	SURFACE BLOW-DI	eð in 11 min	UTES		
	. 15	· · · · · · · · · · · · · · · · · · ·	NO		
Recovery — Total Feet	. 15	_ Flusi	Tool? NO		
Rec. 15 Feet of_	DRILLING MUD	· · · · · · · · · · · · · · · · · · ·			
Rec Feet of_					
Rec Feet of				ED MESION	
Rec Feet of	ºF Gravity @ ºF Chloride	40	PECONATION OF THE PROPERTY OF		
Per Foot of		•	" " Chy.	3 1993	
BHT 104	°F Gravity	• • • • • • • • • • • • • • • • • • •	% Gorr	ected Gravity	°API
• • •			Mu.	ON POITE	
RW	@ °F Chloride	es	ppm Recovery	Chlorides 8000	
(A) Initial Hydrostatic Mud _	2190.7 psi	Ak1 Recorder No.	1327	7Range	4125
	35.2 PSI		4417		
(C) First Final Flow Pressure_	35.2 PSI	AK1 Recorder No.	5495	Range	4200
(D) Initial Shut-In Pressure	496.1 _{PSI}	@ (depth	4456	w/Clock No	27594
(E) Second Initial Flow Pressi	25 0	AK1 Recorder No.			
	, 3 t' 0			_	
(F) Second Final Flow Pressu	, ';			W/Clock No	
(G) Final Shut-In Pressure	115.1 PSI	initial Opening	30	Final Flow	11
(H) Final Hydrostatic Mud	2140.6 PSI	Initial Shut-In	30	inal Shut-in	15
	i 1				
Our Representativve	tom Horaci	3K	TOTAL PRICE \$	800)

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

Abell No. 80 Section 35-32S-23W CLARK COUNTY

CLARK COUNTY, KANSAS

Operator:

American Warrior, Inc.

Well:

Abell No. 8

API No.:

15-025-21,072

Location:

220' N of C SE NE SW, Sec. 35-32S-23W

Wellsite:

Farmground

Commenced:

December 8, 1991

Completed:

December 15, 1991

Elevations:

2030 GL 2043 KB

Total Depth:

5000 (Driller) 4999 (Log)

Casing:

Surface: 8 5/8 @ 668/450 sacks cement

Production: 5 1/2 @ 4999/125 sacks cement

10 ft. 4100-T.D.

Samples Composition Logs 1993

Halliburton Logging Services; Dual

Induction, Spectral Density Dual

Spaced Neutron II, Microlog

Drillstem Tests:

One by Trilobite Testing

Contractor:

Eagle Drilling Inc. (Rig 1)

REMARKS: Geological supervision: 4100 - T.D. Pipe strapped

at 4459; .77 less than board-no correction. Logger's

measurements are taken as correct.

FORMATION TOPS	SAM	PLES	LO	G
Heebner	4227	-2184	4220	-2177
Lansing	4410	-2367	4408	-2365
Kansas City A	4465	-2422	4461	-2418
Kansas City B	4677	-2634	4677	-2634
Swope	4856	-2813	4858	-2815
Hertha	4908	-2865	4907	-2864
Marmaton	4974	-2931	4974	-2931

ORIGINAL

SAMPLE ZONE DESCRIPTION Logger's Measurements

LANSING 4408 -2365

4408-4414: <u>Limestone</u>: gray to buff, crystalline, fair intercrystalline porosity, occassional piece with very light brown oil, good fluorescence, fair cut fluorescence, no odor.

Drill Stem Test No. 1: 4413-4459/30-30-11-15/ 1/2" blow - decreased to surface blow during first flow. Surface blow - died in 11 minutes during final flow.

Recovered: 15 feet of drilling mud

IHP 2190.7 IFP 35.2-35.2 ISIP 496.1 FFP 35.2-35.2 FSIP 115.1 FHP 2140.6

KANSAS CITY A 4461 -2418

4461-4475: <u>Limestone</u>: gray, sparry, good intercrystalline porosity, good show of free oil, good fluorescence and cut fluorescence, good odor.

KANSAS CITY B 4677 -2634

4677-4690: Limestone: tan to buff, oolitic, excellent oolitic porosity, fair fluorescence and cutoffluorescence, no odor, no show of free oil.

SWOPE 4858 20 - 281

4858-4864: Limestone: brown, Crystalline, good intercrystalline porosity, good show of free oil, good fluorescence and excellent cut fluorescence, fair odor.

HERTHA 4907 -2864

4920-4928: <u>Limestone</u>: tan to brown, crystalline to sparry, fair intercrystalline porosity, fair show of free oil, good fluorescence, excellent cut fluorescence, faint odor.

MARMATON 4974 -2931

Limestone: white to tan, crystalline, glauconitic, fossiliferous, Chert: gray to brown, translucent, angular, no show.

STRUCTURAL CORRELATION Log Tops

Formation	American Warrior Abell #8 220'N SE NE SW 35-32S-23W	Amarillo Nat. #1 Abell C NE SW 35-32S-23W	Amarillo Nat. #5 Abell C SW SE 35-325-23W
Heebner	-2177	-2181	-2181
Lansing	-2365	-2371	-2370
Kansas City A	-2418	-2431	-2428
Kansas City B	-2634	-2638	-2649

SUMMARY AND RECOMMENDATIONS

Based upon production histories of offsetting wells, structural position, sample examination and log evaluation it appears commercial production from several zones is probable. Based upon this information 5 1/2" production casing was set.

Pipe was set 1 foot off bottom. Based upon available information, the following zones are recommended for testing.

- 1. Swope 4868-4862
- 2. Kansas City B 4685-4689
- 3. Kansas City A 4462-4466
- 4. Hertha 4920-4926

Measurements were taken from rotary kelly bushing (13 feet

Consulting Geologist

Respectfully,
Scott Corsair
Consulting Geologist

INVOICE



REMIT TO:

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

HALLIBURTON SERVICES

A Halliburton Company

ORIGINA INVOICE NO. DATE

WELL LEASE NO /PLANT	NAME OF THE PARTY IN	CIRCLE WI	ELL/PLANT.LOCATION	CTATE	173563	12/0	B/1991
WELL LEADE NO. 7 EART	NAME OF THE PROPERTY OF	THE RESERVE STORY	ECDIVENIAL PROVIDES AND SERVICES.	SIAIE	* HONOTON AACETTI	LANT OWNE	H = 187
L 8		CLARK		KS	SAME		
SERVICE LOCATION	CONTRAC	стон	JOB PURF	OSE 6	distrikan (distri	TICKET	DATE 84
r T	EAGLE DRLG		CEMENT SURFACE				8/1991
NO. CUSTOMER	AGENT	VENDOR N	CUSTOMER P.O.	NUMBER	SHIPPE	VIA SECRIV	FILE NO.
308 BUTCH STEINE	RT				COMPANY	TRUCK	26933

AMERICAN WARRIOR BOX 399 GARDEN CITY, K5 67846 DIRECT CORRESPONDENCE TO:

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

E REF. NO.	DESCRIPTION	QUANTITY	U/M	UNIT PRICE, AND A	AMOUNT
CING AR	A - MID CONTINENT				
0-117	MILEAGE	لاتر	MI	2.60	200.20
		1	TNU [,	
1-016	CEMENTING CASING	668	/ FT	680.00	680.00
		\\ <i>y</i>	TNU		11
D .	CEMENT BASKET 8 5/8"		EA	122.00	122.00
00.8888			j	, :	
	CENTRALIZER 8-5/8" X 12.25"	1	EA	62000	62.00
07.9305			,	The second second	.: •
0-503	CMTG PLUG LA-11, CP-1, CP-3, TOP	8.625	IN	30.00	90.00
			EA	Zio.	
4-316	HALLIBURTON LIGHT W/STANDARD	, 225	143.77	1 10 0 05 · 64	1,269.00
9-406	ANHYDROUS CALCIUM CHLORIDE	1 2186	SK	03 36.25	157.50
7 - 210	FLOCELE	1.2	LB	3. 1/30	145.60
4-308	STANDARD CEMENT	105	SKW	5,35	561.75
6-105	POZNIX A	70	ı	66 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	230.30
6-121	HALLIBURTON-GEL 2%	3	SKO SK	12. Mrs00	N/C
9-406 0-207	ANHYDROUS CALCIUM CHLORIDE	427		26.25	105.00
0-306	BULK SERVICE CHARGE MILEAGE CMTG MAT DEL OR RETURN		1	l i	491.05
0-308	HILEAGE CHIG MAI DEL OR REIGRA	1426.19	IMI	.80	1,140.95
	TAYYO TO BE CHIEF MONTH C				r arr ar
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	INVOICE BID AMOUNT				4,467.07
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	*-PRATT COUNTY SALES			·	36.43
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1906 R-11

HALLIBURTON SERVICES OR GINA NO. 173563-5

NO. — FARM OR LI	PBELL #8		· .	CLARK		STATE		CITY/OFF	SHORE LOCAT		·	ATE 12/8/9	
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ESS					CONTRACT	OR		0 -	± 1 1	CALION		CODE	
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TYPE	WELL CATEGOR		コルムモンア	WELL PERMIT NO.	DELIVERED	_	(T=		3	OCATION		CODE	
AND PURPOSE OF	JOB C	- ((<u>, </u>	B-573075	ORDER NO.	u Q	***	·	лен	RAL LOC	ATION		
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of invoice, Upon Co lewful contract rate fees in the amount	ustomer's default in payment a applicable, but never to exc t of 20% of the amount of the	of Co sed 1 unpe	istomer's accou 8% per annum, id account. Thes	liburton in accord with the rates and te art by the last day of the month follow in the event it becomes necessary to e as terms and conditions shall be govern	ring the month i employ an action ad by the law o	in which t ney to end of the state	he invoice it istee collectic where servi-	detect, Cost no of social se me non perf	man agrees to pro-		prior are famile		mey.
Halliburton we ITNESS FOR A PAR f action (whether i upplies or materials unitive or consequer	errants only title to the product TICULAR PURPOSE OR OTH In contract, tort, product liab on their return to Halliburto ntial damages.	its, si IERW ility, n or,	upplies and mate // // // // // // // // // // // // //	erials and that the same are free from one of the same are free from the custom to the custom the custom to the cus	defects in work: THE IMMEDIATE ne sale or use stomer of credit	manship a ELY PRECI of any pi t for the o	nd materials. EDING SENT roducts, supp cost of such	THERE ARE ENCE. Halli blies or ma items. In n	ENO WARRANTI burton's liability terials is express o event shall Ha	ES, EXPRE and cust sly limited Iliburton b	SS OR IMPLIES omer's exclusi to the replace ie liable for sp	D, OF MERCHANTA ive remedy in any coment of such p pecial, incidental, i	ABILITY, y cause roducts, indirect,
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PERFORMANCE OF P	'ERSONNEL SATISFACTORY? .	<u></u>			- Hc.	- 				-	SUB TOTAL	5255	136
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CUSTOMER OR H	HIS AGENT (SIGNATUR	<u>へ</u> E)		HALLIBURTION APPROVAL	FIELD OF	FFICE				~		15	1/2

FIELD OFFICE

BULK MATERIALS DELIVERY AND TICKET CONTINUATION FOR INVOICE AND 17 25 (4.2)

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RICT PRATT, KS					DATE 12	18/91	
HALLIBURTON SERVICES YOU ARE HEREBY REQUI			=	ND SERVIC	EMEN TO	DELIVER AN	D OPERATE
THE SAME AS AN INDEPENDENT CONTRACTOR TO: AND DELIVER AND SELL PRODUCTS, SUPPLIES, AND MATERIALS FOR	HFRICA THE PURPOSE	-	(CUSTOM	ER)		<u> </u>	
LNO. 8 LEASE ABELL		SEC	35	_ TWP	325	RAN	_{GE} <u>23</u> W_
COUNTY CLARK STATE	re KS		: OWNED!	MAR Y	Ē		
THE FOLLOWING INFORMATION WAS	FURNISHEL	BY TH	E CUSTON	IER OR H	IS AGENT	r	
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VIOUS TREATMENT: DATE TYPE	-		MATERIALS				
ATMENT INSTRUCTIONS: TREAT THRU TUBING 🛘 ANNULUS 🗘 CASING	TUBING/A	NNULUS C	HYDRAULIC	HORSEPOV	VER ORDER	D	
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350 CC, Y1 FLOCELF AND 225 SKS	40/60 PC	is wi	M 2 50	GEL,	<u> 3% (</u> (~; <u>~</u>	
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TOMER OR HIS AGENT WARRANTS THE WELL IS IN PROPER CONDITION TO RECEIVE THE PRODUCTS, SUPPLIES MATERIALS, AND SERVICES

s consideration, the above-named Customer agrees:

- onsideration, the above-named Customer agrees:

 THIS CONTRACT MUST BE SIGNED BEFORE WORK IS COMMENCED.

 To pay Halliburton in accord with the rates and terms stated in Halliburton's current price list. Invoices are payable NET by the 20th of the following month after date of invoice. Upon Customer's default in payment of Customer's account by the last day of the month following the month in which the invoice is dated. Customer's girees, to pay interest thereog after default at the highest lawful contract rate applicable but never to exceed 18% per annum. In the event it becomes necessary to employ attorneys to enforce collection of said account. Customer agrees to pay all collection costs and attorney fees in the amount of the impaid account. but never to exceed 18% per annum. In the event it becomes necessary to employ attorneys to encrue collection of sale account.

 To defend, indemnify, release and hold harmless Halliburton, its divisions, subsidiaries carent and affiliated companies and the officers directors, employees, agents and servants of all of them from and against any claims, liability, excenses, attorneys fees, and costs of defense to the extent permitted by law for:

 1. Damage to property cyrned by, in the possession of, or leased by Customer, and/or the well owner (if different from Customer), including 6th not limited to, surface and subsurface damage. The term result owner shall include working and royalty interest owners.

- 2.
- 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. 3.

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 negigence, 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 the preparation, design, manufacture, distribution, or marketing thereof, or from a failure to warn any person of such defect. Such defense, indemnity, release and hold harmless obligations of Customer shall not apply where the claims or liability are caused by the gross negligence or willful misconduct of 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 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 accuracy 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 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. Halliburton's liability and Customer's excusive remedy 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 is 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 Halliburton 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 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 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 officer of Halliburton.

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

DATE	12/8/91	
ПМЕ	15.30	A.M. (P.M.)

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



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8 LEASE Abell TICKET NO. 173563 JOB LOG CUSTOMER AMERICAN WARRIGR PAGE NO. 8 1/8" Sue FACE 12/8 PRESSURE (PSI) DESCRIPTION OF OPERATION AND MATERIALS RATE (BPM) .. ТІМЕ CASING Called for job REAdy @ 1500 1130 On location & time requested

Rig @ 507 of 60 ' 1211- 1-12

Finish dilling hok - condition hole

Stret Running 668 25# 85/8" csg.

Finish Running Csg. Hook up to Circultate

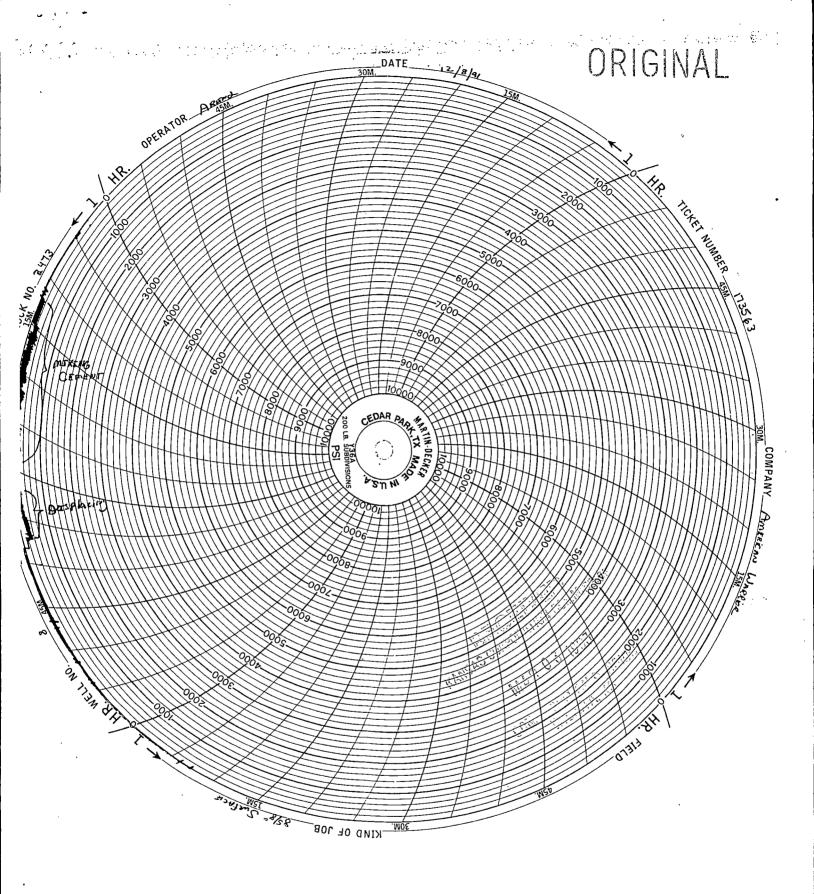
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HALLIBURTON SERVICES





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	HALLIBURTON SERVICES Dancare, Oktoberne 73530 77 A Division of Halliburton Company	ORGI	NO. 1	68370-4
RM 1906 R-11				
#B Abell	COUNTY	CITY/OFFSHORE		12-15-91
American Warrior	OWNER		SERVICE SALES	NITROGEN JOB
DRESS 399	CONTRACTOR	O-la	1 LOCATION	CODE 2555
Garden City, Ki	SHIPPED VIA	FREIGHT CHARGES	2 Great Book	CODE
ELL TYPE WELL CATEGORY	WELL PERMIT NO. DELIVERED TO		3 LOCATION	CODE
PE AND PURPOSE OF JOB	B-972397	Nicosoft	REFERRAL LOCATION	
As consideration, the above-named Customer egrees to pay of invoice. Upon Customer's default in payment of Customer's a lawful contract rate applicable, but never to exceed 18% per amfees in the amount of 20% of the amount of the unpaid account.		on's current price lists. Invoices pay h the invoice is deted, Customer ag	able NET by the 20th of the folia	owing month after date r default at the highest
lawful contract rate applicable, but never to exceed 18% per and fees in the amount of 20% of the amount of the unpaid account. Halliburton warrants only title to the products, supplies and FITNESS FOR A PARTICULAR PURPOSE OR OTHERWISE WHICE	im. In the event it becomes necessary to employ an attorney to these terms and conditions shall be governed by the law of the st materials and that the same are free from defects in workmanshing the SYTEND REVOND THOSE STATED IN THE IMMEDIATELY PR	enforce collection of staid account, (ate where services are performed or p and materials. THERE ARE NO WA ECFDING SENTENCE Halliburton's	Assumer agrees to pay all collect equipment or materials are furni RRANTIES, EXPRESS OR IMPLIE (fishility, and customer's exclus	tion.costs and attorney sished.
of action (whether in contract, tort, product liability, breach of supplies or materials on their return to Halliburton or, at Halliburunitive or consequential damages.	warranty or otherwise) arising out of the sale or use of any on's option, to the allowance to the customer of credit for the	products, supplies or materials is e cost of such items. In no event	expressly limited to the repla- shall Halliburton be liable for s	cement of such products, pecial, incidental, indirect,
PRICE SECONDARY REF. L O ACCOU	DESCRIPTION	UNITS 1	UNITS 2 UNIT PRICE	AMOUNT
50-117	MILEAGE 3580	72.00	760	101/20
Stoll waster in	Pumo Service	5000 14	1360	1365 00
20,201	Top Plus 5-W	len	53 10 500	50.0
12 4 825,200 1	Guide shoe	100	52 100	105.00
24-A 215 19251 1	Insert Hant	10	1 1 30°	83.40
40 Series 1	filling Assy	Promote state of the state of t	ST 4455	3000
320 800,888	CONTENTIONS - L. I.	36	33 10 10 20	30
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AS OPERATION OF EQUIPMENT SATISFACTORY?	WE CERTIFY THAT THE FAIR LABOR STANDARD: COMPUED WITH IN THE PRODUCTION OF GOOD FURNISHED UNDER THIS CONTRACT.	S ACT OF 1938, AS AMENDED HAS S AND OR WITH RESPECT TO SER	BEEN VICES	
AS PERFORMANCE OF PERSONNEL SATISFACTORY?	Looke	a marini	SUB	
CUSTOMER OR HIS AGENT (PLEASE PRINT)	HALLIBURTOR	N OPERATOR	TOTAL	APPLICABLE TAXES WILL BE ADDED ON INVOICE.
CUSTOMER OR HIS AGENT (SIGNATURE)	HALLIBURTION APPROVAL CUSTOMER	· · · · · · · · · · · · · · · · · · ·		



WORK ORDER CONTRACT AND PRE-TREATMENT DATA

RM	1908	R-7	
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			Γ.

A Division of Halliburton Company

STRICT Heatt		DATE/	12-15-91
> HALLIBURTON SERVICES	STED TO FURNISH EQUIPMEN	MAND SERVICEMEN TO	DELIVER AND OPERATE
THE SAME AS AN INDEPENDENT CONTRACTOR TO	American L	Varrior	Hair outer
AND DELIVER AND SELL PRODUCTS, SUPPLIES, AND MATERIALS FOR 1	THE PURPOSE OF SERVICING	OMER)	ekki ji ilik lan dan la
ELL NO. #8 LEASE A 601	sec 35		RANGE 2-3
ELD COUNTY Clark STAT	E KS OWNE	DBY Sence	
THE FOLLOWING INFORMATION WAS F	TURNISHED BY THE CUST	OMER OR HIS AGEN	Tegas
DRMATION AME TYPE	* NEW USED WEIGHT	SIZE	TO MAX. ALLOW.
PRMATION FROM TO	CASING U 17	54 GL	4990
ICKER: TYPE	LINER TO SEE SEE	36)	
TAL DEPTH 5000 MUD WEIGHT	TUBING		PER ARES
REHOLE	OPEN HOLE	100 4797	5000 SHOTS/FT.
ITIAL PROD: OIL BPD, H2O BPD, GAS MCF	PERFORATIONS MISA	03 2 1000	海德 、赤裳沙
RESENT PROD: OIL BPD, HaO BPD, GAS MCF	PERFORATIONS	P CONTROL	THE STATE OF THE PARTY.
	PERFORATIONS	ME 2000 1	The second
REVIOUS TREATMENT: DATE TYPE	MATERI	ALS	I KAK A SKA
REATMENT INSTRUCTIONS: TREAT THRU TUBING \square ANNULUS \square CASING	TUBING/ANNULUS HYDRAU	LIC HORSEPOWER ORDER	ED <u>Sagrado Barata Barata</u>
Long String - Cont Csq.	W/ 125 stes CA	-2 1/4	2. Helad 322
Leady & Florele	San Carlotte Control		建制酸 心脏
250 gal Supe	flish K- The	O TO SEE LEVEL	A CONTRACTOR OF THE PARTY OF TH
10/10/20 10 10/10/25 10/19	10 Dor wy 77042	Com ratha	led Mouse hola
JSTOMER OR HIS AGENT WARRANTS THE WELL IS IN PROPER CONDITION 1	O RECEIVE THE PRODUCTS, SUPP	LIES, MATERIALS, AND SE	RVICES
	ENED BEFORE WORK IS COMMENCED	1. 1 44. 1. 建碳量	
(a) To pay Halliburton in accord with the rates and terms stated in Halliburton's current price payment of Customer's account by the last day of the month following the month in which the but never to exceed 18% per annum. In the event it becomes necessary to employ attorney of 20% of the amount of the unpaid account.	e invoice is dated. Customer agrees to pay it	nterest thereon after default at the	highest lawful contract rate applicable
b) To defend, indemnify, release and hold harmless Halliburton, its divisions, subsidiaries, paren any claims, liability, expenses, attorneys fees, and costs of defense to the extent permitted by	t and affiliated companies and the officers, of law for:	lirectors, employees, agents and se	ervants of all of them from and agains
1. Damage to property owned by, in the possession of, or leased by Customer, and/or	the well owner (if different from Customer).	including but not limited to surfa	ice and subsurface damage. The terr

- "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 flability even if caused or contributed to by Halliburton's regilgence, strict liability, or the unseaworthiness of any vessel owned, operated, or furnished by Halliburton's needingence, 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 the preparation, design, manufacture, distribution, or marketing thereof, or from a failure to warn any person of 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 willfull 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 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 accuracy 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 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, Halliburton's liability and Customer's exclusive remedy 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 is expressly limited to the replacement of such products, supplies 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, inclidental, indirect, punitive or consequential damages,
- That Customer shall, at its risk and expense, attempt to recover any Halliburton 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 or the cost of repairs unless such loss is due to the sole negligence of Halliburton. 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 loss is due to the sole negligence of Halliburton. In the case of equipment, tools or instruments not recovered, customer shall pay Halliburton. The cost of repairs unless such loss is due to the sole negligence of Halliburton. In the case of equipment, tools or instruments not recovered, customer shall pay Halliburton. The cost of repairs unless such loss is due to the sole negligence of Halliburton. In the case of equipment, tools or instruments are not recovered, customer shall pay Halliburton. 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 furnished. g)
- 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 officer of Halliburton.

I HAVE 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 complied with in the oduction of goods and/or with respect to services furnished under this contract.

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JOB SUMM*F*

HALLIBURTON OKICHOMA City DE
HALLIBURTON LOCATION

HALLIBURTON LOCATION

BILLED ON 168370

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TAGE OF SACKS		Part	В	526 obsect	187,50lt.	42M	1322, 7	MARKEL	1.36	1511
of sacks		Part-	B	22.000	137,5081.	37.11.	0322, 1	MARKEL	1,36	BI. H
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of sacks	Conversion 60140	Part Provid	\$	22.40		-575.ML	0322, 1		1,26	1
TAGE OF SACKS	Consum (Coffe)	Part	-3	22.40			VOLU	JMES	1,26	
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of SACKS 1.25 2.5 2.5 2.5 2.5 2.5 2.5 2.	Conversion Coffee In	Port	\$	SUMMA	ARY RESLUSH BBL GA	(a b)	VOLU	JMES Llow J-Ke	1,26	
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CULATING EAKDOWN THE TIME TO	Concern Coffee IN	PSI DISPLACEMENT_MAXIMUM_CURE GRADIENT_	15-MIN.	5UMM/	ARY RESLUSH: BBL GA OAD & BKDN: BBL REATMENT: BBL G	GAL	VOLI 1 Super	JMES	BBL-GAL	1608
OF SACKS 1 2 5 1 2 5 CULATING EAKDOWN ERAGE UT-IN: INSTANT	PRESSURES IN FRACT FRACT HYDRAULIC HO	PSI DISPLACEMENT MAXIMUM URE GRADIENT RSEPOWER	15-MIN.	SUMM/	ARY RESLUSH: BBL GA DAD & BKDN: BBL REATMENT: BBL-G EMENT SLURRY: B OTAL VOLUME: BB	(2 6)	VOLI 1 Super	JMES Llus JTKE PAD	BBL-GAL	1608
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CULATING EAKDOWN ERAGE UT-IN: INSTANT	PRESSURES IN FRACT S-MIN HYDRAULIC HO AVAILABLE AVERAGE RATE	I PSI DISPLACEMENT MAXIMUM URE GRADIENT RSEPOWER ES IN BPM	15-MIN.	SUMM/	ARY RESLUSH: BBL GA DAD & BKDN: BBL REATMENT: BBL-G EMENT SLURRY: B OTAL VOLUME: BB	(2 6)	VOLU Sope Dr 2./	JMES LIVE THE PAD DISE	BBL-GAL	16.8
OF SACKS OF SACKS CULATING EAKDOWN ERAGE UT-IN: INSTANT	PRESSURES IN FRACT FRACT S-MIN. HYDRAULIC HO AVAILABLE AVERAGE RATE	I PSI DISPLACEMENT MAXIMUM TURE GRADIENT RSEPOWER ES IN BPM	15-MIN.	SUMM/	ARY RESLUSH: BBL GA DAD & BKDN: BBL REATMENT: BBL-G EMENT SLURRY: B OTAL VOLUME: BB	(2 6)	VOLU 50 pc	JMES LUJENS PAD DISE	BBL-GAL	1608
OF SACKS OF SAC	PRESSURES IN FRACT S-MIN HYDRAULIC HO AVAILABLE AVERAGE RATE	PSI DISPLACEMENT VIRE GRADIENT RSEPOWER ES IN BPM		SUMM/	ARY RESLUSH: BBL GA DAD & BKDN: BBL REATMENT: BBL-G EMENT SLURRY: B OTAL VOLUME: BB	GALALBD)GALSC	VOLU Sopei	JMES LIVE THE PAD DISE	D: BBL GAL	16.8



BULK MATERIALS DELIVERY AND TICKET CONTINUATION OR

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JOB LOG PAGE NO. American Warrior DRM 2013 R-2 DESCRIPTION OF OPERATION AND MATERIALS TUBING Calledout 08:00 On Lake Iset up 13:30 Reg lann Sown Still Dide 100 celler work of scenara B.O.P. 14130 Start con we fout office 15.93 beethousinger on 12, Sit 74 94 16 % 2 comment Backets on 6th Csg on boffor - Mook up - droped be 18.20 Done circalote 2 666/s same that 2__ 19-Rolenso plug of wast out a diff blug of 1 to the 19:40 B. Consonlike bycur TERO FIAR 2042 - 81

HALLIBURTON SERVICES

LEASE Abell TICKET NO 168570