

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM
ACD-1 WELL HISTORY
DESCRIPTION OF WELL AND LEASE

Operator: License # 3447

Name: Ranken Energy Corporation

Address 2325 S. W. 15th St.

City/State/Zip Edmond, OK 73013-2027

Purchaser: _____

Operator Contact Person: Tom Larson

Phone (316) 792-3664

Contractor: Name: Emphasis Oil Operations

License: 8241

Wellsite Geologist: Doug Bellis

Designate Type of Completion

New Well Re-Entry Workover

Oil SWD SLOW Temp. Abd.

Gas ENHR SIGW

Dry Other (Core, WSW, Expl., Cathodic, etc)

If Workover/Re-Entry: old well info as follows:

Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

Deepening Re-perf. Conv. to Inj/SWD

Plug Back PBDT

Commingled Docket No. _____

Dual Completion Docket No. _____

Other (SWD or Inj?) Docket No. _____

11/24/92 12/04/92 12/04/92

Spud Date Date Reached TD Completion Date

API NO. 15- 135-23,718-0000 ORIGINAL

County Ness

C S/2 NW. NW NW Sec. 15 Twp. 18S Rge. 26 X W

4785 Feet from S/N (circle one) Line of Section

4950 Feet from E/W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
NE. SE NW or SW (circle one)

Lease Name Walter Well # 2-15

Field Name Val Jean

Producing Formation Dry Hole

Elevation: Ground 2587' KB 2592'

Total Depth 4550 PBDT _____

Amount of Surface Pipe Set and Cemented at 208 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from _____

feet depth to _____ w/ _____ sx cat.

Drilling Fluid Management Plan D&A 1-14-93
(Data must be collected from the Reserve Pit)

Chloride content 1900 ppm Fluid volume 6400 bbls

Dewatering method used allow to dry then backfill

Location of fluid disposal if hauled offsite:

N/A

Operator Name _____

Lease Name _____ License No. _____

Quarter Sec. _____ Twp. _____ S Rng. _____ E/W

County _____ Docket No. _____

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information on side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature [Signature]

Title President Date 12/14/92

Subscribed and sworn to before me this 14th day of December 1992.

Notary Public [Signature]
Jahet J. Tidholm

Date Commission Expires July 12, 1994

K.C.C. OFFICE USE ONLY	
F	Letter of Confidentiality Attached
C	Wireline Log Received
C	Geologist Report Received
DEC 16 1992	
Distribution	
<input checked="" type="checkbox"/> KCC	<input type="checkbox"/> SWD/Rep
<input type="checkbox"/> KGS	<input type="checkbox"/> Plug
(Specify)	

Operator Name Ranken Energy Corporation Lease Name Walter Well # 2-15
 Sec. 15 Twp. 18 Rge. 26 East West
 County Ness

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface during test. Attach extra sheet if more space is needed. Attach copy of log.

Drill Stem Tests Taken Yes No
 (Attach Additional Sheets.)
 Samples Sent to Geological Survey Yes No
 Cores Taken Yes No
 Electric Log Run Yes No
 (Submit Copy.)
 List All E.Logs Run: Array Induction & Neutron-Density

<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Name	Top	Datum
Anhydrite	1936'	
B./Anhydrite	1965'	
Heebner	3893'	
Lansing	3934'	
Base K/C	4256'	
Pawnee	4383'	
Ft. Scott	4443'	
Mississippian	4533'	

CASING RECORD <input type="checkbox"/> New <input checked="" type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
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 casing	12 1/4"	8 5/8"	20#/Ft.	208	60-40 Poz	145	2% gel, 3%cc

ADDITIONAL CEMENTING/SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Casing				
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type	Acid, Fracture, Shot, Cement Squeeze Record
	Specify Footage of Each Interval Perforated	(Amount and Kind of Material Used) Depth

TUBING RECORD		Size	Set At	Packer At	Liner Run	<input type="checkbox"/> Yes <input type="checkbox"/> No
Date of First, Resumed Production, SWD or Inj.	Producing Method <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)					
Estimated Production Per 24 Hours <u>DRY</u>	Oil	Bbls.	Gas	Mcf	Water	Bbls. Gas-Oil Ratio Gravity

Disposition of Gas: Vented Sold Used on Lease (If vented, submit ACO-18.)

METHOD OF COMPLETION: Open Hole Perf. Dually Comp. Commingled Other (Specify) _____

Production Interval: Dry Hole

ORIGINAL

December 14, 1992

Ranken Energy Corporation
Walter 2-15
Ness County, KS
S/2 NW NW NW Sec. 15-18S-26W
API - 15-135-23,718

DST #1 4517'-4545' 120"-120"-60"-90". Recovered 35' oil
cut mud (40% oil, 60% mud) IH 2185#, IFP 60-60, ISIP 615#,
FFP 81-81, FSIP 599#, FH 2126#

DST #2 4539'-4549' 30"-60"-5"-0". Oil spotted mud in tool,
bad test.

DST #3 4539'-4549' 30"-60"-5"-0". Miss-run, tool plugged.

DST #4 4517'-4549' 30"-60"-60"-120". Recovered 5' clean
oil, 120' drilling mud, 120' muddy water. IH 2231#, IFP
81-92, ISIP 729#, FFP 120-162#, FSIP 728#, FH 2207#.

(waltdst)

RECEIVED
OIL AND GAS COMMISSION

DEC 16 1992

REGISTRATION DIVISION
SOUTH KANSAS

15-135-23718-0000

ATTACH TO INVOICE & TICKET NO. 2833412

DISTRICT Pratt Dist. DATE 12-4-92

TO: HALLIBURTON SERVICES YOU ARE HEREBY REQUESTED TO FURNISH EQUIPMENT AND SERVICEMEN TO DELIVER AND OPERATE THE SAME AS AN INDEPENDENT CONTRACTOR TO: Rackal Energy (CUSTOMER) AND DELIVER AND SELL PRODUCTS, SUPPLIES, AND MATERIALS FOR THE PURPOSE OF SERVICING

ORIGINAL

WELL NO. #2 LEASE AMALPUS SEC. 1st TWP. 18 RANGE 26

FIELD _____ COUNTY Now STATE Ks OWNED BY SAME

THE FOLLOWING INFORMATION WAS FURNISHED BY THE CUSTOMER OR HIS AGENT

FORMATION NAME _____ TYPE _____
FORMATION THICKNESS _____ FROM _____ TO _____
PACKER: TYPE _____ SET AT _____
TOTAL DEPTH 4200 MUD WEIGHT _____
BORE HOLE _____
INITIAL PROD: OIL _____ BPD, H₂O _____ BPD, GAS _____ MCF
PRESENT PROD: OIL _____ BPD, H₂O _____ BPD, GAS _____ MCF

	NEW USED	WEIGHT	SIZE	FROM	TO	MAX. ALLOW. P.S.I.
CASING						
LINER						
TUBING			<u>4 1/2</u>	<u>00</u>		
OPEN HOLE			<u>7 3/4</u>			SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

PREVIOUS TREATMENT: DATE _____ TYPE _____ MATERIALS _____

TREATMENT INSTRUCTIONS: TREAT THRU TUBING ANNULUS CASING TUBING/ANNULUS HYDRAULIC HORSEPOWER ORDERED

PTA w/ 255 lbs 60-42 6% gel wood plug
1760 - 500 lbs, 1050 - 500 lbs, 500 - 400 lbs, 270 - 500 lbs, 40 - 100 lbs
1200 - 100 lbs, 1000 - 100 lbs

CUSTOMER OR HIS AGENT WARRANTS THE WELL IS IN PROPER CONDITION TO RECEIVE THE PRODUCTS, SUPPLIES, MATERIALS, AND SERVICES

- As consideration, the above-named Customer agrees: THIS CONTRACT MUST BE SIGNED BEFORE WORK IS COMMENCED
- a) 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 agrees to pay interest thereon 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 20% of the amount of the unpaid account.
 - b) To defend, indemnify, release and hold harmless Halliburton, its divisions, subsidiaries, parent and affiliated companies and the officers, directors, employees, agents and servants of all of them from and against any claims, liability, expenses, attorneys fees, and costs of defense to the extent permitted by law for:
 1. Damage to property owned by, in the possession of, or leased by Customer, and/or the well owner (if different from Customer), including, but not limited to, surface and subsurface damage. The term "well owner" shall include working and royalty interest owners.
 2. Reservoir, formation, or well loss or damage, subsurface trespass or any action in the nature thereof.
 3. Personal injury 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 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.
 - c) 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.
 - d) 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 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.
 - e) 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'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.
 - f) To waive the provisions of the Deceptive Trade Practices - Consumer Protection Act, to the extent permitted by law.
 - g) That this contract shall be governed by the law of the state where services are performed or materials are furnished.
 - h) 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 T.C. J... CUSTOMER
DATE 12-4-92
TIME 1410 A.M. P.M.

DEC 16 1992

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

CUSTOMER

DIVISION
KANSAS

HALLIBURTON SERVICES

Dallas, Oklahoma 75202

A Division of Halliburton Company

15-135-23718-0000

TICKET

ORIGINAL 283340-2

FORM 1808 R-11

30 35975

WELL NO.—FARM OR LEASE NAME #2 walls		COUNTY Ness	STATE KS	CITY / OFFSHORE LOCATION	DATE 12-4-92
CHARGE TO Rankin Energy Corporation		OWNER same	TICKET TYPE (CHECK ONE) SERVICE <input type="checkbox"/> SALES <input type="checkbox"/>		NITROGEN JOB YES <input type="checkbox"/> NO <input type="checkbox"/>
ADDRESS 2925 S.W. 15th		CONTRACTOR Emphacis	1 LOCATION Ness KS		CODE 20525
CITY, STATE, ZIP Edmond, OK 73013		SHIPPED VIA 51143	FREIGHT CHARGES <input type="checkbox"/> PPD <input type="checkbox"/> COLLECT		2 LOCATION
WELL TYPE 01	WELL CATEGORY 01	WELL PERMIT NO.	DELIVERED TO M.E. Beebe KS		3 LOCATION
TYPE AND PURPOSE OF JOB 115		B-132582	ORDER NO.		REFERRAL LOCATION

As consideration, the above-named Customer agrees to pay Halliburton in accord with the rates and terms stated in Halliburton's current price lists. Invoices 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 agrees to pay interest thereon at the highest lawful contract rate applicable, but never to exceed 18% per annum. In the event it becomes necessary to employ an attorney to enforce collection of said account, Customer agrees to pay all collection costs and attorney fees in the amount of 20% of the amount of the unpaid account. These terms and conditions shall be governed by the law of the state where services are performed or equipment or materials are furnished.

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 FOR A PARTICULAR PURPOSE 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, product liability, 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.

PRICE REFERENCE	SECONDARY REF OR PART NO.	L O C	ACCOUNT	DESCRIPTION	UNITS 1		UNITS 2		UNIT PRICE	AMOUNT	
					BTY	NEAS	BTY	NEAS			
020-117		1		MILEAGE 51143	20	M.			2.60	52.	00
092-910		1		Pump services	2	HR.			39.00	78.	00
030-503		1		plug	1	EA	8 5/8 in		90.00	90	00

NOT THIS IS AN INVOICE

AS PER ATTACHED BULK MATERIAL DELIVERY TICKET NO.

B-132582

2020 72

WAS JOB SATISFACTORILY COMPLETED? _____

WAS OPERATION OF EQUIPMENT SATISFACTORY? _____

WAS PERFORMANCE OF PERSONNEL SATISFACTORY? _____

X J.C. Larson
CUSTOMER OR HIS AGENT (PLEASE PRINT)

X J.C. Larson
CUSTOMER OR HIS AGENT (SIGNATURE)

WE CERTIFY THAT THE FAIR LABOR STANDARDS ACT OF 1938, AS AMENDED HAS BEEN COMPLIED WITH IN THE PRODUCTION OF GOODS AND OR WITH RESPECT TO SERVICES FURNISHED UNDER THIS CONTRACT.

A. J. Worth
HALLIBURTON OPERATOR

HALLIBURTON APPROVAL

SUB TOTAL

2565 72

APPLICABLE TAXES WILL BE ADDED ON INVOICE.

DEC 16 1992

CUSTOMER

WELL DATA

FIELD _____ SEC. 15 TWP. 18^s RING. 26^w COUNTY Nass STATE FL **ORIGINAL**

FORMATION NAME _____ TYPE _____

FORMATION THICKNESS _____ FROM _____ TO _____

INITIAL PROD: OIL _____ BPD. WATER _____ BPD. GAS _____ MCFD _____

PRESENT PROD: OIL _____ BPD. WATER _____ BPD. GAS _____ MCFD _____

COMPLETION DATE _____ MUD TYPE _____ MUD WT. _____

PACKER TYPE _____ SET AT _____

BOTTOM HOLE TEMP. _____ PRESSURE _____

MISC. DATA _____ TOTAL DEPTH 4350

JOB DATA

CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <u>12-3-92</u>	DATE <u>12-3-92</u>	DATE <u>12-3-92</u>	DATE <u>12-3-92</u>
TIME <u>1045</u>	TIME <u>1400</u>	TIME <u>1515</u>	TIME <u>1900</u>

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
FLOAT COLLAR		
FLOAT SHOE		
GUIDE SHOE		
CENTRALIZERS		
BOTTOM PLUG		
TOP PLUG		
HEAD		
PACKER		
OTHER		

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
<u>A. T. Wright #86101</u>	<u>Combs</u>	<u>Haystack</u>
<u>D. Ash #E1609</u>	<u>51143</u>	<u>Haystack</u>
<u>D. Roberts #30022</u>	<u>61K</u>	<u>Haystack</u>
	<u>4604 G.</u>	<u>Haystack</u>

MATERIALS

TREAT. FLUID _____ DENSITY _____ LB/GAL-°API _____

DISPL. FLUID _____ DENISTY _____ LB/GAL-°API _____

PROP. TYPE _____ SIZE _____ LB. _____

ACID TYPE _____ GAL. _____ % _____

SURFACTANT TYPE _____ GAL. _____ IN _____

NE AGENT TYPE _____ GAL. _____ IN _____

FLUID LOSS ADD. TYPE _____ GAL.-LB. _____ IN _____

GELLING AGENT TYPE _____ GAL.-LB. _____ IN _____

FRIC. RED. AGENT TYPE _____ GAL.-LB. _____ IN _____

BREAKER TYPE _____ GAL.-LB. _____ IN _____

BLOCKING AGENT TYPE _____ GAL.-LB. _____

PERFPAC BALLS TYPE _____ QTY. _____

OTHER _____

DEPARTMENT CMT

DESCRIPTION OF JOB PIA

JOB DONE THRU: TUBING CASING ANNULUS TBG/ANN.

CUSTOMER REPRESENTATIVE X.T.C. Johnson

HALLIBURTON OPERATOR A.T.W. #14 COPIES REQUESTED _____

CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./BK.	MIXED LBS./GAL.
	<u>255</u>	<u>60-70</u>	<u>Poz</u>	<u>B</u>	<u>6% sp. gr.</u>	<u>1.64</u>	<u>13.2</u>

PRESSURES IN PSI _____

CIRCULATING _____ DISPLACEMENT _____

BREAKDOWN _____ MAXIMUM _____

AVERAGE _____ FRACTURE GRADIENT _____

SHUT-IN: INSTANT _____ 5-MIN. _____ 15-MIN. _____

HYDRAULIC HORSEPOWER _____

ORDERED _____ AVAILABLE _____ USED _____

AVERAGE RATES IN BPM _____

TREATING _____ DISPL _____ OVERALL _____

CEMENT LEFT IN PIPE _____

FEET _____ REASON _____

SUMMARY

VOLUMES

PRELUSH: BBL-GAL _____ TYPE _____

LOAD & BKDN: BBL-GAL 74.48 PAD: BBL-GAL _____

TREATMENT: BBL-GAL _____ DISPL: BBL-GAL _____

CEMENT SLURRY: BBL-GAL _____

TOTAL VOLUME: BBL-GAL _____

REMARKS

See Job Log & Chart

DEC 9 1992

CUSTOMER: PARKIN SERVICE
WELL NO: #2
JOB TYPE: PIA
DATE: 12-3-92

**BULK MATERIALS DELIVERY
 AND
 TICKET CONTINUATION**

15-135-23718-0000
 FOR INVOICE AND
 TICKET NO.

DATE 12-4-92	CUSTOMER ORDER NO.	WELL NO. AND FARM Walters #2	COUNTY Ness	STATE Kansas
CHARGE TO Ranken Energy		OWNER Same	CONTRACTOR No. B 132582	
MAILING ADDRESS		DELIVERED FROM Hays, Ks	LOCATION CODE 25525	PREPARED BY Kuhn
CITY & STATE		DELIVERED TO N Beeler, Ks	TRUCK NO. 4604	RECEIVED BY

PRICE REFERENCE	SECONDARY REF. OR PART NO.	CODE L D	DESCRIPTION	UNITS 1		UNITS 2		UNIT PRICE	AMOUNT
				QTY.	MEAS.	QTY.	MEAS.		
			255Cu. Ft. Pozmix Cement 6% Gel						
504K-308	516.00261	1B	Standard Cement	153				6.56	1,003 68
506-105	516.00286	1B	Pozmix !A'	7548	lb			.052	392 50
506-121	516.00259	1B	4sk Halliburton Gel@2%						n/c
507-2776	516.00259	1B	Halliburton Gel@4%	9				14.75	132 75
			Returned Mileage Charge	TOTAL WEIGHT	LOADED MILES	TON MILES			
			SERVICE CHARGE ON MATERIALS RETURNED				CU. FEET		
500-207		1B	SERVICE CHARGE			273 CU. FEET	11.15		313 95
500-306		1B	Mileage Charge	23,230 TOTAL WEIGHT	20 LOADED MILES	232.300 TON MILES	.80		185 84
No. B 132582		CARRY FORWARD TO INVOICE				SUB-TOTAL		2,028 72	

THIS IS NOT AN INVOICE

JOB LOG

WELL NO. A2 LEASE Walford TICKET NO. 283390

CUSTOMER Rankin Energy
 JOB TYPE PIA

PAGE NO. 1
 DATE 12-4-92

FORM 2013 R-2

ORIGINAL

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (Gals)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
1	1045							Called out
	1400	1						one loc w/ 255 sks 60-410 26% gel. Sol yd & Plan Job. R. y Pulling D.P.
	1520							Drill Pipe @ 1960' 1st Plug. circ w/ mud 11/11
	1525		3					(1st) 3 BBL Fresh water spacer stand
			14.6					mix 50SKs cut
			1					1 BB Fresh water behind cut
	1540		23					23 BBL mud "full Drill Pipe
	1615							(2nd) Drill Pipe @ 1050
			3					Pump 3 BBL fresh water
			23					mix 80SKs cut
			1					Pump 1 BBL Fresh water
	1635		8					8 BBL mud.
	1652							(3rd) Drill Pipe @ 500'
			3					Pump 3 BBL Fresh water
			11.6					mix 40SKs cut
	1700		2					Pump 2 BBL Fresh water
	1708							(4th) Drill Pipe @ 240'
			3					Pump 3 BBL Fresh water
			14.6					mix 50SKs cut
	1715		1					Pump 1 BBL Fresh water "circ cut"
	1805		3					(5th) 40' to surface BREAK DOWN Kelly
			3					mix 10SKs cut <i>to wood chg</i>
	1810		4.3					(6th) Rat Hole 15SKs
	1815							
	1815		3					(7th) mouse Hole 10SKs
	1900							Job complete

RECORDED
 [Signature]
 [Signature]
 [Signature]

DISTRICT Pratt, Pa. DATE 11-21-92

TO: HALLIBURTON SERVICES YOU ARE HEREBY REQUESTED TO FURNISH EQUIPMENT AND SERVICEMEN TO DELIVER AND OPERATE THE SAME AS AN INDEPENDENT CONTRACTOR TO: Punker Energy Corp (CUSTOMER) AND DELIVER AND SELL PRODUCTS, SUPPLIES, AND MATERIALS FOR THE PURPOSE OF SERVICING

ORIGINAL

WELL NO. 2 LEASE W. H. Hays SEC 15 TWP. 13 RANGE 20

FIELD _____ COUNTY Pa. STATE Pa. OWNED BY Some

THE FOLLOWING INFORMATION WAS FURNISHED BY THE CUSTOMER OR HIS AGENT

FORMATION NAME _____ TYPE _____ FORMATION THICKNESS _____ FROM _____ TO _____ PACKER: TYPE _____ SET AT _____ TOTAL DEPTH _____ MUD WEIGHT _____ BORE HOLE _____ INITIAL PROD: OIL _____ BPD, H₂O _____ BPD, GAS _____ MCF PRESENT PROD: OIL _____ BPD, H₂O _____ BPD, GAS _____ MCF

	NEW USED	WEIGHT	SIZE	FROM	TO	MAX. ALLOW. P.S.I.
CASING	N	70	8 7/8	KB	20'	
LINER						
TUBING						
OPEN HOLE						SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

PREVIOUS TREATMENT: DATE _____ TYPE _____ MATERIALS _____

TREATMENT INSTRUCTIONS: TREAT THRU TUBING ANNULUS CASING TUBING/ANNULUS HYDRAULIC HORSEPOWER ORDERED Case 5 3/4" Surface Cpg. with 145 sp. 60/40 Por 2 1/2 60, 3 1/2 CC

CUSTOMER OR HIS AGENT WARRANTS THE WELL IS IN PROPER CONDITION TO RECEIVE THE PRODUCTS, SUPPLIES, MATERIALS, AND SERVICES

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- a) 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 agrees to pay interest thereon 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 20% of the amount of the unpaid account.
- b) To defend, indemnify, release and hold harmless Halliburton, its divisions, subsidiaries, parent and affiliated companies and the officers, directors, employees, agents and servants of all of them from and against any claims, liability, expenses, attorneys fees, and costs of defense to the extent permitted by law for:
 - Damage to property owned by, in the possession of, or leased by Customer, and/or the well owner (if different from Customer), including, but not limited to, surface and subsurface damage. The term "well owner" shall include working and royalty interest owners.
 - Reservoir, formation, or well loss or damage, subsurface trespass or any action in the nature thereof.
 - Personal injury or death or property damage (including, but not limited to, damage to the reservoir, formation or well), or any damages whatsoever, growing out of or in any way connected with or resulting from pollution, subsurface pressure, losing control of the well and/or a well blowout or the use of radioactive material.

The defense, indemnity, release and hold harmless obligations of Customer provided for in this Section b) and Section c) below shall apply to 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 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.
- c) 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.
- d) 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 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.
- e) 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'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.
- f) To waive the provisions of the Deceptive Trade Practices - Consumer Protection Act, to the extent permitted by law.
- g) That this contract shall be governed by the law of the state where services are performed or materials are furnished.
- h) 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 T.C. Janson CUSTOMER DATE 11-23-92 TIME _____ A.M. P.M. DEC 9 1992

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

CUSTOMER

HALLIBURTON SERVICES
Houston, Oklahoma 72000

A Division of Halliburton Company

15-135-23718-0000

TICKET

ORIGINAL No. 310003-1

FORM 1908 R-11

WELL NO.—FARM OR LEASE NAME <i>2 Walters</i>		COUNTY <i>Nowata</i>	STATE <i>Ok.</i>	CITY / OFFSHORE LOCATION	DATE <i>11 24 93</i>
CHARGE TO <i>Rader Energy Corp.</i>		OWNER <i>Seine</i>		TICKET TYPE (CHECK ONE) SERVICE <input checked="" type="checkbox"/> SALES <input type="checkbox"/>	
ADDRESS		CONTRACTOR <i>Emphasis Rig #11</i>		LOCATION <i>Nowata City, Ok.</i>	
CITY, STATE, ZIP		SHIPPED VIA <i>Nowata City, Ok.</i>		LOCATION <i>Nowata City, Ok.</i>	
WELL TYPE <i>O1</i>		WELL CATEGORY <i>O1</i>		WELL PERMIT NO. <i>B-132573</i>	
TYPE AND PURPOSE OF JOB <i>O10</i>		ORDER NO.		REFERRAL LOCATION	

In consideration, the above-named Customer agrees to pay Halliburton in accordance with the rates and terms stated in Halliburton's current price lists. Invoices 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 agrees to pay interest thereon after default at the highest lawful contract rate applicable, but never to exceed 18% per annum. In the event it becomes necessary to employ an attorney to enforce collection of said account, Customer agrees to pay all collection costs and attorney fees in the amount of 20% of the amount of the unpaid account. These terms and conditions shall be governed by the law of the state where services are performed or equipment or materials are furnished.

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 FOR A PARTICULAR PURPOSE 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, product liability, 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.

PRICE REFERENCE	SECONDARY REF OR PART NO.	L O C	ACCOUNT	DESCRIPTION	UNITS 1		UNITS 2		UNIT PRICE	AMOUNT
					QTY	MEAS	QTY	MEAS		
000-117		1		MILEAGE # 3520	20	mi			260	52 00
001-016		1		Pump Service	208	hr				475 00
030-503		1		LA-11 Top Plug	1	pc	4 5/8	in		90 00

NOT THIS IS AN INVOICE

AS PER ATTACHED BULK MATERIAL DELIVERY TICKET NO.

B- 132573

2,095 85

WAS JOB SATISFACTORILY COMPLETED? _____

WAS OPERATION OF EQUIPMENT SATISFACTORY? _____

WAS PERFORMANCE OF PERSONNEL SATISFACTORY? _____

X T.C. LARSON
 CUSTOMER OR HIS AGENT (PLEASE PRINT)

X T.C. Larson
 CUSTOMER OR HIS AGENT (SIGNATURE)

WE CERTIFY THAT THE FAIR LABOR STANDARDS ACT OF 1938, AS AMENDED HAS BEEN COMPLIED WITH IN THE PRODUCTION OF GOODS AND/OR WITH RESPECT TO SERVICES FURNISHED UNDER THIS CONTRACT.

Roger B. Lybeck
 HALLIBURTON OPERATOR

HALLIBURTON APPROVAL _____

SUB TOTAL DEC 9 6 1993

APPLICABLE TAXES WILL BE ADDED ON INVOICE.

CUSTOMER

WELL DATA

FIELD, SEC. 15, TWP. 18, RING. 26, COUNTY No., STATE N. FORMATION NAME, TYPE, THICKNESS, INITIAL PROD., PRESENT PROD., COMPLETION DATE, MUD TYPE, PACKER TYPE, BOTTOM HOLE TEMP., PRESSURE, MISC. DATA, TOTAL DEPTH.

ORIGINAL

JOB DATA

Table with 4 columns: CALLED OUT, ON LOCATION, JOB STARTED, JOB COMPLETED. Includes dates and times for 11-24-82.

PERSONNEL AND SERVICE UNITS

Table with 3 columns: NAME, UNIT NO. & TYPE, LOCATION. Lists personnel like R. Teghiani, B. O'Connell, D. H. S. etc.

TOOLS AND ACCESSORIES table with columns: TYPE AND SIZE, QTY., MAKE. Lists items like FLOAT COLLAR, SHOE, GUIDE SHOE, etc.

MATERIALS

MATERIALS section with various fluid and agent type fields: TREAT. FLUID, DISPL. FLUID, PROP. TYPE, ACID TYPE, SURFACTANT TYPE, etc.

DEPARTMENT, DESCRIPTION OF JOB, JOB DONE THRU (TUBING, CASING, ANNULUS, TBG/ANN.), CUSTOMER REPRESENTATIVE (X T.C. Janson), HALLIBURTON OPERATOR (P. R. K. G.), COPIES REQUESTED.

CEMENT DATA

CEMENT DATA table with columns: STAGE, NUMBER OF SACKS, CEMENT, BRAND, BULK SACKED, ADDITIVES, YIELD CU.FT./SK., MIXED LBS./GAL.

PRESSURES IN PSI, SUMMARY, VOLUMES, REMARKS. Includes fields for CIRCULATING, BREAKDOWN, AVERAGE, SHUT-IN, ORDERED, TREATING, FEET, and various volume and pressure measurements.

CUSTOMER, LEASE, WELL NO., JOB TYPE, DATE

