

OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM
ACO-1 WELL HISTORY
DESCRIPTION OF WELL AND LEASE

ORIGINAL

API# 15-135-23,814-0000

County Ness
SW - SE - NW - Sec. 24 Twp. 16 N 26 E 26 X W

Operator: License # 7200

Name: Scott T. Lutz

Address P. O. Drawer D

City/State/Zip Shell Knob, MO 65747

Purchaser: N/A

Operator Contact Person: H. L. Maddox

Phone (316) -653-4178 793-2123

Contractor: Name: Emphasis Oil Operations

License: 8241

Wellsite Geologist: Ron Nelson

Designate Type of Completion
 New Well Re-Entry Workover

Oil SVD SIOV Temp. Abd.
 Gas ENHR SIGU
 Dry Other (Core, MSV, 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/SVD
 Plug Back PBTD
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SVD or Inj?) Docket No. _____

4/18/94 4/27/94
Spud Date Date Reached TD Completion Date

2970 Feet from SW (circle one) Line of Section
3630 Feet from EW (circle one) Line of Section

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

Lease Name McKinnis Well # 2

Field Name _____

Producing Formation None

Elevation: Ground 2602' KB 2607'

Total Depth 4602' PBTD _____

Amount of Surface Pipe Set and Cemented at 275' 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 cmt

Drilling Fluid Management Plan D&A JRF 10-26-94
(Data must be collected from the Reserve Pit)

Chloride content _____ ppm Fluid volume _____ bbl

De-watering method used _____

Location of fluid disposal if hauled offsite: _____

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 Colored 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: Scott T. Lutz
Title: Owner-Operator Date: 5-3-94
Subscribed and sworn to before me this 24th day of May
19 94
Notary Public: Teresa Steves
Date Commission Expires: 4/30/2001

E.C.C. OFFICE USE ONLY	
F	<input type="checkbox"/> Letter of Confidentiality Attached
C	<input checked="" type="checkbox"/> Wireline Log Received
C	<input checked="" type="checkbox"/> Geologist Report Received
STATE CORPORATION COMMISSION	
Distribution	
<input checked="" type="checkbox"/>	ECG
<input checked="" type="checkbox"/>	SVD/Rep
<input checked="" type="checkbox"/>	MGPA
<input checked="" type="checkbox"/>	Plug
<input type="checkbox"/>	Other (Specify)
JUN 03 1994	
6-3-94	
CONSERVATION DIVISION	
Wichita, Kansas	

Operator Name Scott T. Lutz

Lease Name McKinnis Well # 2

Sec. 24 Twp. 16S 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.)

Log Formation (Top), Depth and Datum Sample
Name Top Datum

List All E.Logs Run: RADIATION GUARD LOG

CASING RECORD

New 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

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 Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth

TUBING RECORD	Size	Set At	Pecker At	Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No

Date of First, Resumed Production, SWD or Inj. D&A Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours Oil N/A Bbls. Gas N/A Mcf Water N/A 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. Cemented Other (Specify) Production Interval

ORIGINAL

McKinnis B#2

SW-SE-NW 24-16S-26W

DST RESULTS

#1 4549-4580 Mississippi

45"-30"-30" -30"

IFP-37-67

FFP-82-97

SIP-690-644

HP-2321-2230

RECOVERY - 150' MSW

22K Chlorides

RECEIVED
STATE CORPORATION COMMISSION

OCT 27 1994

CONSERVATION DIVISION
WICHITA, KANSAS

ORIGINAL

EMPHASIS OIL OPERATIONS

A Division of N-B Company, Inc.

P. O. BOX 506

RUSSELL, KS 67665

DRILLERS LOG

OPERATOR: Scott T. Lutz
P. O. Drawer D
Shell Knob, MO 65747

CONTRACTOR: Emphasis Oil Operations
Box 506
Russell, KS 67665

LEASE: McKinnis WELL #2

LOCATION: SW SE NW
Section 24-16S-26W
Ness County, Kansas

API# 15-135-23814

LOGGERS TOTAL DEPTH: 4601'

ELEVATION: 2607' K.B.

ROTARY TOTAL DEPTH: 4602'

COMPLETED: 4/27//94

COMMENCED: 4/18/94

CASING: 8-5/8" @ 275' w/160 sks cement

STATUS: Dry Hole

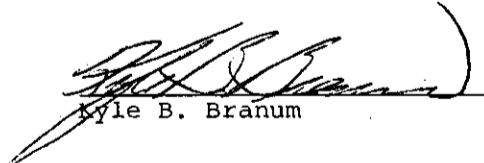
DEPTHS & FORMATIONS

(All measurements from K.B.)

Sand & Shale	278'	Shale & Lime	3730'
Anhydrite	1997'	Lime & Shale	3905'
Shale	2031'	Mississippi	4530'
Lime & Shale	3360'	R.T.D.	4602'

STATE OF KANSAS)
) ss
COUNTY OF RUSSELL)

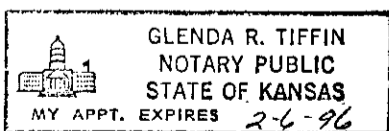
Kyle B. Branum, of Emphasis Oil Operations, states that the above and foregoing is a true and correct log of the above captioned well, to the best of his knowledge.

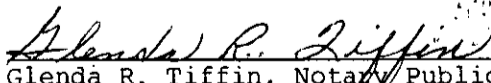


Kyle B. Branum

Subscribed and sworn to before me on April 28, 1994.

My commission expires: February 6, 1996.





Glenda R. Tiffin, Notary Public



JOB SUMMARY

HALLIBURTON DIVISION
HALLIBURTON LOCATION

Mid-Central Region
New City, Mo.

BILLED ON TICKET NO. 591195

WELL DATA

FIELD _____ SEC. 24 TWP. 16^S RNG. 26^W COUNTY New STATE Mo.

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 248

	NEW USED	WEIGHT	SIZE	FROM	TO	MAXIMUM PSI ALLOWABLE
CASING	<u>N</u>	<u>30</u>	<u>8 5/8</u>	<u>KB</u>	<u>275</u>	
LINER						
TUBING						
OPEN HOLE						SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

JOB DATA

CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <u>4-18-74</u>	DATE <u>4-18-74</u>	DATE _____	DATE _____
TIME <u>1700</u>	TIME <u>2100</u>	TIME _____	TIME _____

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
FLOAT COLLAR		
FLOAT SHOE		
GUIDE SHOE		
CENTRALIZERS		
BOTTOM PLUG		
TOP PLUG <u>LA-11</u>	<u>8 5/8"</u>	<u>1</u>
HEAD		
PACKER		
OTHER		

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
<u>R. Leggett</u>	<u>B0719</u>	<u>40072</u>
<u>W. Williams</u>	<u>B31577</u>	<u>51177</u>
<u>R. Roberts</u>	<u>59134</u>	<u>3103</u>

MATERIALS

TREAT. FLUID _____ DENSITY _____ LB/GAL. °API
 DISPL. FLUID _____ DENSITY _____ 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 C-3
 DESCRIPTION OF JOB C.V. 8 5/8" Surface Casing
 JOB DONE THRU: TUBING CASING ANNULUS TBG./ANN.

CUSTOMER REPRESENTATIVE Bill Shaver
 HALLIBURTON OPERATOR Roy R. Leggett
 COPIES REQUESTED _____

CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
	<u>165</u>	<u>40/100 P₂₂</u>		<u>B</u>	<u>2% G.P., 3% CC</u>	<u>1.30</u>	<u>13.96</u>

PRESSURES IN PSI

SUMMARY

VOLUMES

CIRCULATING _____ DISPLACEMENT _____ PRESLUSH: BBL.-GAL. _____ TYPE _____
 BREAKDOWN _____ MAXIMUM _____ LOAD & BKDN: BBL.-GAL. _____ PAD: BBL.-GAL. _____
 AVERAGE _____ FRACTURE GRADIENT _____ TREATMENT: BBL.-GAL. _____ DISPL: BBL.-GAL. 16.75
 SHUT-IN: INSTANT _____ 5-MIN. _____ 15-MIN. _____ CEMENT SLURRY: BBL.-GAL. 3.7
 HYDRAULIC HORSEPOWER _____ TOTAL VOLUME: BBL.-GAL. _____
 ORDERED _____ AVAILABLE _____ USED _____
 TREATING _____ DISPL. _____ OVERALL _____
 FEET 15 CEMENT LEFT IN PIPE _____
 REASON Required

REMARKS

See Chart & Job Log
Thank You, Roy
RECEIVED
 STATE CORPORATION COMMISSION
JUN 03 1974

CUSTOMER: Scott Lutz
 LEASE: McKinnis
 WELL NO.:
 JOB TYPE: Surface

JOB LOG FORM 2013 R-4

CUSTOMER		WELL NO.		LEASE		JOB TYPE		TICKET NO.	
Scott Lutz		#2		McKinnis		Plug To Abandon		591204	
CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS	
				T	C	TUBING	CASING		
	0315								Called out
	0430								on loc. Set up truck
	0430		5						D.P. @ 2030' mix 50% 40% Per 6% GL
			14.8						5 ^{50'} 1120 Spricer
			2						14.8' cut
			23						2 ^{20'} 1120 Spricer
									23 ^{20'} mud to Balance
	0630								Pull D.P. to 1250' 80% P. cut
	0655		5						5 ^{50'} 1120
			23.8						23.8 ^{20'} cut
			2						2 ^{50'} 1120
			9.8						9.8 ^{50'} Mud to Balance
	0105								Pull D.P. to 600' 40% cut
	0725		5						5 ^{50'} 1120
			12						12 ^{50'} cut
			2						2 ^{50'} 1120
			36						36 ^{20'} mud to Balance
	0725								Pull D.P. to 800' 40% cut
	0145		2						2 ^{50'} 1120
			12						12 ^{50'} cut
			1						1 ^{50'} 1120
	0710								Pull D.P. out of hole
									Push Top Plug down 40' Solid Br. lgs
	0815								key down, move hole and R.D. hole
	0840								mix 10% 40' to surface
									10% move hole 15' in R.D. hole
	0900								work and Reckup truck
									Job Complete

Thank You
Rory

WELL DATA

FIELD _____ SEC. 24 TWP. 16 RING. 20 COUNTY Mo STATE Mo

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 4102

	NEW USED	WEIGHT	SIZE	FROM	TO	MAXIMUM PSI ALLOWABLE
CASING						
LINER						
TUBING						
OPEN HOLE						SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

JOB DATA

CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <u>4-27-94</u>	DATE <u>4-27-94</u>	DATE <u>4-27-94</u>	DATE <u>4-27-94</u>
TIME <u>0315</u>	TIME <u>0420</u>	TIME <u>19630</u>	TIME <u>0900</u>

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
FLOAT COLLAR		
FLOAT SHOE		
GUIDE SHOE		
CENTRALIZERS		
BOTTOM PLUG		
TOP PLUG <u>LA-11</u>	<u>8 3/4"</u>	<u>1</u>
HEAD		
PACKER		
OTHER		

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
<u>R. Leghena</u>	<u>40012</u>	<u>Mo. City, Mo.</u>
<u>W. Wilson</u>	<u>51797</u>	<u>"</u>
<u>D. B. ...</u>	<u>51262</u>	<u>Mo., Mo.</u>

MATERIALS

TREAT. FLUID _____ DENSITY _____ LB/GAL. API
 DISPL. FLUID _____ DENSITY _____ 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. _____ IN
 PERFFAC BALLS TYPE _____ QTY. _____
 OTHER _____
 OTHER _____

DEPARTMENT C-1
 DESCRIPTION OF JOB Plug to abandon
 JOB DONE THRU: TUBING CASING ANNULUS TBG./ANN.
 CUSTOMER REPRESENTATIVE X Mike Hayes
 HALLIBURTON OPERATOR Progress to Leghena
 COPIES REQUESTED _____

CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
	<u>245</u>	<u>40110 R.2</u>		<u>0</u>	<u>CY G.O. 1/4" / 1/2"</u>	<u>1.61</u>	<u>12.8</u>

PRESSURES IN PSI

SUMMARY

VOLUMES

CIRCULATING _____ DISPLACEMENT _____ PRESLUSH: BBL.-GAL. _____ TYPE _____
 BREAKDOWN _____ MAXIMUM _____ LOAD & BKDN: BBL.-GAL. _____ PAD: BBL.-GAL. _____
 AVERAGE _____ FRACTURE GRADIENT _____ TREATMENT: BBL.-GAL. _____ DISPL: BBL.-GAL. _____
 SHUT-IN: INSTANT _____ 5-MIN _____ 15-MIN. _____ CEMENT SLURRY (BBL.-GAL.) 72.8
 HYDRAULIC HORSEPOWER _____ TOTAL VOLUME: BBL.-GAL. _____
 ORDERED _____ AVAILABLE _____ USED _____ REMARKS _____
 AVERAGE RATES IN BPM _____
 TREATING _____ DISPL. _____ OVERALL _____
 CEMENT LEFT IN PIPE _____
 FEET _____ REASON _____

RECEIVED
 STATE CORPORATION COMMISSION
JUN 03 1994
 CONSERVATION DIVISION
 Wichita, Kansas

CUSTOMER: South City
 LEASE: H. R. A.
 WELL NO.: 113
 JOB TYPE: H. T. H. ...

TERMS AND CONDITIONS

For good and valuable consideration received, Customer (as identified on the face of this document) and Halliburton Energy Services, a division of Halliburton Company (hereinafter "Halliburton") agree as follows:

A. CUSTOMER REPRESENTATION - Customer warrants that the well is in proper condition to receive the services, equipment, products, and materials to be supplied by Halliburton.

B. PRICE AND PAYMENT - The services, equipment, products, and/or materials to be supplied hereunder are priced in accordance with Halliburton's current price list. All prices are exclusive of taxes. If Customer does not have an approved open account with Halliburton, all sums due are payable in cash at the time of performance of services or delivery of equipment, products or materials. If Customer has an approved open account, invoices are payable on the twentieth day after the date of invoice. Customer agrees to pay interest on any unpaid balance from the date payable until paid at the highest lawful contract rate applicable, but never to exceed 18% per annum. In the event Halliburton employs an attorney for collection of any account, Customer agrees to pay attorney fees of 20% of the unpaid account, plus all collection and court costs.

C. RELEASE AND INDEMNITY - CUSTOMER AGREES TO RELEASE HALLIBURTON GROUP FROM ANY AND ALL LIABILITY FOR ANY AND ALL DAMAGES WHATSOEVER TO PROPERTY OF ANY KIND OWNED BY, IN THE POSSESSION OF, OR LEASED BY CUSTOMER AND THOSE PERSONS AND ENTITIES CUSTOMER HAS THE ABILITY TO BIND BY CONTRACT. CUSTOMER ALSO AGREES TO DEFEND, INDEMNIFY, AND HOLD HALLIBURTON GROUP HARMLESS FROM AND AGAINST ANY AND ALL LIABILITY, CLAIMS, COSTS, EXPENSES, ATTORNEY FEES AND DAMAGES WHATSOEVER FOR PERSONAL INJURY, ILLNESS, DEATH, PROPERTY DAMAGE AND LOSS RESULTING FROM:

LOSS OF WELL CONTROL; SERVICES TO CONTROL A WILD WELL WHETHER UNDERGROUND OR ABOVE THE SURFACE; RESERVOIR OR UNDERGROUND DAMAGE, INCLUDING LOSS OF OIL, GAS, OTHER MINERAL SUBSTANCES OR WATER; SURFACE DAMAGE ARISING FROM UNDERGROUND DAMAGE; DAMAGE TO OR LOSS OF THE WELL BORE; SUBSURFACE TRESPASS OR ANY ACTION IN THE NATURE THEREOF; FIRE; EXPLOSION; SUBSURFACE PRESSURE; RADIOACTIVITY; AND POLLUTION AND ITS CLEANUP AND CONTROL.

CUSTOMER'S RELEASE, DEFENSE, INDEMNITY AND HOLD HARMLESS OBLIGATIONS WILL APPLY EVEN IF THE LIABILITY AND CLAIMS ARE CAUSED BY THE SOLE, CONCURRENT, ACTIVE OR PASSIVE NEGLIGENCE, FAULT, OR STRICT LIABILITY OF ONE OR MORE MEMBERS OF THE HALLIBURTON GROUP, THE UNSEAWORTHINESS OF ANY VESSEL OR ANY DEFECT IN THE DATA, PRODUCTS, SUPPLIES, MATERIALS OR EQUIPMENT FURNISHED BY HALLIBURTON GROUP WHETHER IN THE DESIGN, MANUFACTURE, MAINTENANCE OR MARKETING THEREOF OR FROM A FAILURE TO WARN OF SUCH DEFECT. "HALLIBURTON GROUP" IS DEFINED AS HALLIBURTON, ITS PARENT, SUBSIDIARY, AND AFFILIATED COMPANIES AND ITS/THEIR OFFICERS, DIRECTORS, EMPLOYEES, AND AGENTS. CUSTOMER'S RELEASE, DEFENSE, INDEMNITY AND HOLD HARMLESS OBLIGATIONS APPLY WHETHER THE PERSONAL INJURY, ILLNESS, DEATH, PROPERTY DAMAGE OR LOSS IS SUFFERED BY ONE OR MORE MEMBERS OF THE HALLIBURTON GROUP, CUSTOMER, OR ANY OTHER PERSON OR ENTITY AND THE CUSTOMER WILL SUPPORT SUCH OBLIGATIONS ASSUMED HEREIN WITH LIABILITY INSURANCE TO THE MAXIMUM EXTENT ALLOWED BY APPLICABLE LAW.

D. EQUIPMENT LIABILITY - Customer shall at its risk and expense attempt to recover any Halliburton equipment lost or lodged in the well. If the equipment is recovered and repairable, Customer shall pay the repair costs, unless caused by Halliburton's sole negligence. If the equipment is not recovered or is irreparable, Customer shall pay the replacement cost, unless caused by Halliburton's sole negligence. If a radioactive source becomes lost or lodged in the well, Customer shall meet all requirements of Section 39.15(a) of the Nuclear Regulatory Commission regulations and any other applicable laws or regulations concerning retrieval or abandonment and shall permit Halliburton to monitor the recovery or abandonment efforts all at no risk or liability to Halliburton. Customer shall be responsible for damage to or loss of Halliburton equipment, products, and materials while in transit aboard Customer-supplied transportation, even if such is arranged by Halliburton at Customer's request, and during loading and unloading from such transport. Customer will also pay for the repair or replacement of Halliburton equipment damaged by corrosion or abrasion due to well effluents.

E. LIMITED WARRANTY - Halliburton warrants only title to the equipment, products, and materials supplied under this agreement and that same are free from defects in workmanship and materials for one year from date of delivery. THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED, OF MERCHANTABILITY, FITNESS OR OTHERWISE BEYOND THOSE STATED IN THE IMMEDIATELY PRECEDING SENTENCE. Halliburton's sole 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, lease or use of any equipment, products, or materials is expressly limited to the replacement of such on their return to Halliburton or, at Halliburton's option, to the allowance to Customer of credit for the cost of such items. In no event shall Halliburton be liable for special, incidental, indirect, consequential, or punitive damages. 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 EQUIPMENT, MATERIALS, 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 GROUP AGAINST ANY DAMAGES ARISING FROM THE USE OF SUCH INFORMATION, even if such is contributed to by Halliburton's negligence or fault. Halliburton also does not warrant the accuracy of data transmitted by electronic process, and Halliburton will not be responsible for accidental or intentional interception of such data by third parties.

F. GOVERNING LAW - The validity, interpretation and construction of this agreement shall be determined by the laws of the jurisdiction where the services are performed or the equipment or materials are delivered.

G. WAIVER - Customer agrees to waive the provisions of the Texas Deceptive Trade Practices-Consumer Protection Act or any similar federal or state statute to the extent permitted by law.

H. MODIFICATIONS - Customer agrees that Halliburton shall not be bound by any modifications to this agreement, except where such modification is made in writing by a duly authorized executive officer of Halliburton. Requests for modifications should be directed to the Vice President - Legal, 5151 San Felipe, Houston, Texas 77056.

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C. RELEASE AND INDEMNITY - CUSTOMER AGREES TO RELEASE HALLIBURTON GROUP FROM ANY AND ALL LIABILITY FOR ANY AND ALL DAMAGES WHATSOEVER TO PROPERTY OF ANY KIND OWNED BY, IN THE POSSESSION OF, OR LEASED BY CUSTOMER AND THOSE PERSONS AND ENTITIES CUSTOMER HAS THE ABILITY TO BIND BY CONTRACT. CUSTOMER ALSO AGREES TO DEFEND, INDEMNIFY, AND HOLD HALLIBURTON GROUP HARMLESS FROM AND AGAINST ANY AND ALL LIABILITY, CLAIMS, COSTS, EXPENSES, ATTORNEY FEES AND DAMAGES WHATSOEVER FOR PERSONAL INJURY, ILLNESS, DEATH, PROPERTY DAMAGE AND LOSS RESULTING FROM:

LOSS OF WELL CONTROL; SERVICES TO CONTROL A WILD WELL WHETHER UNDERGROUND OR ABOVE THE SURFACE; RESERVOIR OR UNDERGROUND DAMAGE, INCLUDING LOSS OF OIL, GAS, OTHER MINERAL SUBSTANCES OR WATER; SURFACE DAMAGE ARISING FROM UNDERGROUND DAMAGE; DAMAGE TO OR LOSS OF THE WELL BORE; SUBSURFACE TRESPASS OR ANY ACTION IN THE NATURE THEREOF; FIRE; EXPLOSION; SUBSURFACE PRESSURE; RADIOACTIVITY; AND POLLUTION AND ITS CLEANUP AND CONTROL.

CUSTOMER'S RELEASE, DEFENSE, INDEMNITY AND HOLD HARMLESS OBLIGATIONS WILL APPLY EVEN IF THE LIABILITY AND CLAIMS ARE CAUSED BY THE SOLE, CONCURRENT, ACTIVE OR PASSIVE NEGLIGENCE, FAULT, OR STRICT LIABILITY OF ONE OR MORE MEMBERS OF THE HALLIBURTON GROUP, THE UNSEAWORTHINESS OF ANY VESSEL OR ANY DEFECT IN THE DATA, PRODUCTS, SUPPLIES, MATERIALS OR EQUIPMENT FURNISHED BY HALLIBURTON GROUP WHETHER IN THE DESIGN, MANUFACTURE, MAINTENANCE OR MARKETING THEREOF OR FROM A FAILURE TO WARN OF SUCH DEFECT. "HALLIBURTON GROUP" IS DEFINED AS HALLIBURTON, ITS PARENT, SUBSIDIARY, AND AFFILIATED COMPANIES AND ITS/THEIR OFFICERS, DIRECTORS, EMPLOYEES, AND AGENTS. CUSTOMER'S RELEASE, DEFENSE, INDEMNITY AND HOLD HARMLESS OBLIGATIONS APPLY WHETHER THE PERSONAL INJURY, ILLNESS, DEATH, PROPERTY DAMAGE OR LOSS IS SUFFERED BY ONE OR MORE MEMBERS OF THE HALLIBURTON GROUP, CUSTOMER, OR ANY OTHER PERSON OR ENTITY AND THE CUSTOMER WILL SUPPORT SUCH OBLIGATIONS ASSUMED HEREIN WITH LIABILITY INSURANCE TO THE MAXIMUM EXTENT ALLOWED BY APPLICABLE LAW.

D. EQUIPMENT LIABILITY - Customer shall at its risk and expense attempt to recover any Halliburton equipment lost or lodged in the well. If the equipment is recovered and repairable, Customer shall pay the repair costs, unless caused by Halliburton's sole negligence. If the equipment is not recovered or is irreparable, Customer shall pay the replacement cost, unless caused by Halliburton's sole negligence. If a radioactive source becomes lost or lodged in the well, Customer shall meet all requirements of Section 39.15(a) of the Nuclear Regulatory Commission regulations and any other applicable laws or regulations concerning retrieval or abandonment and shall permit Halliburton to monitor the recovery or abandonment efforts all at no risk or liability to Halliburton. Customer shall be responsible for damage to or loss of Halliburton equipment, products, and materials while in transit aboard Customer-supplied transportation, even if such is arranged by Halliburton at Customer's request, and during loading and unloading from such transport. Customer will also pay for the repair or replacement of Halliburton equipment damaged by corrosion or abrasion due to well effluents.

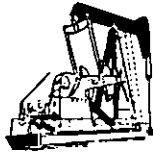
E. LIMITED WARRANTY - Halliburton warrants only title to the equipment, products, and materials supplied under this agreement and that same are free from defects in workmanship and materials for one year from date of delivery. THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED, OF MERCHANTABILITY, FITNESS OR OTHERWISE BEYOND THOSE STATED IN THE IMMEDIATELY PRECEDING SENTENCE. Halliburton's sole 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, lease or use of any equipment, products, or materials is expressly limited to the replacement of such on their return to Halliburton or, at Halliburton's option, to the allowance to Customer of credit for the cost of such items. In no event shall Halliburton be liable for special, incidental, indirect, consequential, or punitive damages. 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 EQUIPMENT, MATERIALS, 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 GROUP AGAINST ANY DAMAGES ARISING FROM THE USE OF SUCH INFORMATION, even if such is contributed to by Halliburton's negligence or fault. Halliburton also does not warrant the accuracy of data transmitted by electronic process, and Halliburton will not be responsible for accidental or intentional interception of such data by third parties.

F. GOVERNING LAW - The validity, interpretation and construction of this agreement shall be determined by the laws of the jurisdiction where the services are performed or the equipment or materials are delivered.

G. WAIVER - Customer agrees to waive the provisions of the Texas Deceptive Trade Practices-Consumer Protection Act or any similar federal or state statute to the extent permitted by law.

H. MODIFICATIONS - Customer agrees that Halliburton shall not be bound by any modifications to this agreement, except where such modification is made in writing by a duly authorized executive officer of Halliburton. Requests for modifications should be directed to the Vice President - Legal, 5151 San Felipe, Houston, Texas 77056.

P.O. Box 506
Russell, Kansas 67665



"Emphasis"
OIL OPERATIONS

Shop Phone 913/483-3012
Home Phone 913/625-5183

ORIGINAL

Pipe and Tubing Tally Book



DATE 4/18/94 COMPANY Scott T. Lutz LEASE McKinnis Well No. B-2

SIZE <u>8 5/8</u>	WEIGHT <u>20#</u>	MAKE	GRADE	RANGE
THREAD <u>8 RD</u>	COLLAR LENGTH	CONDITION <u>New</u>	TRANSFER NOS.	OVERALL TALLY THREADS OFF TALLY <input checked="" type="checkbox"/>

Joint No.	Feet	Hndrts.	Joint No.	Feet	Hndrts.	Joint No.	Feet	Hndrts.	Joint No.	Feet	Hndrts.	Joint No.	Feet	Hndrts.	Joint No.	Feet	Hndrts.	Joint No.	Feet	Hndrts.
1	<u>44</u>	<u>93</u>	21			41			61			81			101			121		
2	<u>44</u>	<u>92</u>	22			42			62			82			102			122		
3	<u>44</u>	<u>87</u>	23			43			63			83			103			123		
4	<u>44</u>	<u>74</u>	24			44			64			84			104			124		
5	<u>44</u>	<u>65</u>	25			45			65			85			105			125		
6	<u>44</u>	<u>68</u>	26			46			66			86			106			126		
7			27			47			67			87			107			127		
8			28			48			68			88			108			128		
9			29			49			69			89			109			129		
10			30			50			70			90			110			130		
11			31			51			71			91			111			131		
12			32			52			72			92			112			132		
13			33			53			73			93			113			133		
14			34			54			74			94			114			134		
15			35			55			75			95			115			135		
16			36			56			76			96			116			136		
17			37			57			77			97			117			137		
18			38			58			78			98			118			138		
19			39			59			79			99			119			139		
20			40			60			80			100			120			140		
	<u>268</u>	<u>79</u>																		

700 Totals

Drillers TD 278 Loggers TD _____
No. Jts. Run 6 Size 8 5/8 Wt. 20# Tested 1800#

Cent@ _____
Basket@ _____ D.V. Tool@ _____ Port Collar@ _____
Cemented By Halliburton SKs. Type Cement 160 sks 60/40 102 2 1/2 Gal 1/2 30 Gal C.C.
Flush _____

Jts. To Be Left Out None
Shoe Jt. 44.93 Pipe Set@ 275.79 Off Bottom _____
Plug Down 12:30 A.M. P.M. 4/18/94 Rig Release@ _____
Job By Alm
Pipe Left On Location None Jts. Talley _____

RECEIVED
STATE CORPORATION COMMISSION
JUN 03 1994
Wichita, Kansas

INVOICE



HALLIBURTON ORIGINAL

REMIT TO:
P.O. BOX 951046
DALLAS, TX 75395-1046

INVOICE NO.	DATE
599204	04/27/1994

WELL LEASE NO./PROJECT		WELL/PROJECT LOCATION		STATE	OWNER	
MCKINNIS 2		NESS		KS	SAME	
SERVICE LOCATION		CONTRACTOR		JOB PURPOSE		TICKET DATE
NESS CITY		EMPHASIS RIG #7		PLUG TO ABANDON		04/27/1994
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO.	
527735	MIKE HYNES			COMPANY TRUCK	68378	

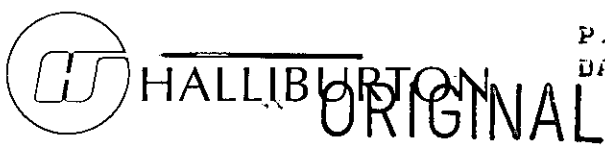
SCOTT LUTZ
P. O. DRAWER 0940
FAYETTEVILLE, AR 72702

DIRECT CORRESPONDENCE TO:
OKLAHOMA TOWER
210 WEST PARK AVENUE
SUITE 2000
OKLAHOMA CITY, OK 73102-5601

REFERENCE NO.	DESCRIPTION	QUANTITY	UM	UNIT PRICE	AMOUNT
PRICING AREA - MID CONTINENT					
000-117	MILEAGE CEMENTING ROUND TRIP	54	MI	2.75	148.50
		1	UNT		
090-910	MISCELLANEOUS PUMPING JOB	1	TRK	395.00	395.00
030-503	WOODEN PLUG	8	5/8 IN	95.00	95.00
		1	EA		
504-136	CEMENT - 40/60-POZMIX STANDARD	245	SK	5.68	1,391.60
506-121	HALLIBURTON-GEL 2%	400	LB	.00	N/C
507-277	HALLIBURTON-GEL BENTONITE	8	SK	15.50	124.00
507-210	FLOCELE	61	LB	1.40	85.40
500-207	BULK SERVICE CHARGE	265	CFT	1.35	357.75
500-306	MILEAGE CMTG MAT DEL OR RETURN	293.531	TMI	.95	278.85
INVOICE SUBTOTAL					2,876.10
DISCOUNT-(BID)					575.22-
INVOICE BID AMOUNT					2,300.88
*-KANSAS STATE SALES TAX					109.01
INVOICE TOTAL - PLEASE PAY THIS AMOUNT					\$2,409.89

TERMS: If Customer does not have an approved open account with Halliburton, all sums due are payable in cash at the time of performance of services or delivery of equipment, products or materials. If customer has an approved open account, invoices are payable on the twentieth day after date of invoice. Customer agrees to pay interest on any unpaid balance from the date payable until paid at the highest lawful contract rate applicable, but never to exceed 18% per annum. In the event Halliburton employs an attorney for collection of any account, Customer agrees to pay attorney fees of 20% of the unpaid account, plus all collection and court costs.

CUSTOMER COPY
INVOICE



REMIT TO:
P.O. BOX 951046
DALLAS, TX 75395-1046

INVOICE NO.	DATE
599204	04/27/1994

WELL LEASE NO./PROJECT		WELL/PROJECT LOCATION		STATE	OWNER
MCKINNIS 2		NESS		KS	SAME
SERVICE LOCATION		CONTRACTOR	JOB PURPOSE		TICKET DATE
NESS CITY		EMPHASIS RIC 07	PLUG TO ABANDON		04/27/1994
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO.
527735	NICE HYNES			COMPANY TRUCK	63378

DIRECT CORRESPONDENCE TO:

SCOTT LUTZ
P O BOXER 0940
FAYETTEVILLE, AR 72702

OKLAHOMA TOWER
210 WEST PARK AVENUE
SUITE 2000
OKLAHOMA CITY, OK 73102 5601

REFERENCE NO.	DESCRIPTION	QUANTITY	UM	UNIT PRICE	AMOUNT
PRICING AREA	BJD CONTINENT				
000-117	MILEAGE CEMENTING POUND TRIP	54	RT	2.75	148.50
		1	UNT		
040-910	MISCELLANEOUS PUMPING JOB	1	TRK	395.00	395.00
030-503	WOODEN PLUG	0 5/0	IN	95.00	95.00
		1	EA		
504-116	CEMENT - 40/60 POUND BAGS	265	SB	5.63	1,491.60
506-121	HALLIBURTON-GEL 22	400	LB	.00	N/C
507-222	HALLIBURTON-GEL BENTONITE	8	SK	15.50	124.00
507-210	FLOCEL	61	LR	1.40	85.40
500-202	WDR SERVICE CHARGE	265	CFT	1.35	357.75
500-306	MILEAGE ONTO MAT DEL. OR RETURN	293.531	TMI	.95	278.85

INVOICE SUBTOTAL	2,876.10
DISCOUNT (BJD)	575.22-
INVOICE BJD AMOUNT	2,300.88
2-KANSAS STATE SALES TAX	109.01

INVOICE TOTAL PLEASE PAY THIS AMOUNT \$2,409.89

TERMS: If Customer does not have an approved open account with Halliburton, all sums due are payable in cash at the time of performance of services or delivery of equipment, products or materials. If customer has an approved open account, invoices are payable on the twentieth day after date of invoice. Customer agrees to pay interest on any unpaid balance from the date payable until paid at the highest lawful contract rate applicable, but never to exceed 18% per annum. In the event Halliburton employs an attorney for collection of any account, Customer agrees to pay attorney fees of 20% of the unpaid account, plus all collection and court costs.

CUSTOMER COPY

INVOICE



HALLIBURTON ORIGINAL

REMIT TO:
P.O. BOX 951046
DALLAS, TX 75395-1046

INVOICE NO.	DATE
599195	04/18/1994

WELL LEASE NO./PROJECT		WELL/PROJECT LOCATION		STATE	OWNER
MCKINNIS 2		NESS		KS	SAME
SERVICE LOCATION	CONTRACTOR	JOB PURPOSE		TICKET DATE	
NESS CITY	EMPHASIS RIG #7	CEMENT SURFACE CASING		04/18/1994	
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO.
527735	BILL SKEEN			COMPANY TRUCK	67678

SCOTT LUTZ
P. O DRAWER 0940
FAYETTEVILLE, AR 72702

DIRECT CORRESPONDENCE TO:
OKLAHOMA TOWER
210 WEST PARK AVENUE
SUITE 2000
OKLAHOMA CITY, OK 73102-5601

REFERENCE NO.	DESCRIPTION	QUANTITY	UM	UNIT PRICE	AMOUNT
PRICING AREA - MID CONTINENT					
000-117	MILEAGE CEMENTING ROUND TRIP	54	MI	2.75	148.50
		1	UNT		
001-016	CEMENTING CASING	275	FT	575.00	575.00
		1	UNT		
030-503	WOODEN TOP PLUG	8	5/8 IN	95.00	95.00
		1	EA		
504-136	CEMENT - 40/60 POZMIX STANDARD	165	SK	5.68	937.20
506-121	HALLIBURTON-GEL 2X	300	LB	.00	N/C
509-406	ANHYDROUS CALCIUM CHLORIDE	4	SK	28.25	113.00
500-207	BULK SERVICE CHARGE	173	CFT	1.35	233.55
500-306	MILEAGE CMTG MAT DEL OR RETURN	194.589	TMI	.95	184.86
INVOICE SUBTOTAL					2,287.11
DISCOUNT-(BID)					457.42-
INVOICE BID AMOUNT					1,829.69
*-KANSAS STATE SALES TAX					57.58
INVOICE TOTAL - PLEASE PAY THIS AMOUNT =====>					\$1,887.27

TERMS: If Customer does not have an approved open account with Halliburton, all sums due are payable in cash at the time of performance of services or delivery of equipment, products or materials. If customer has an approved open account, invoices are payable on the twentieth day after date of invoice. Customer agrees to pay interest on any unpaid balance from the date payable until paid at the highest lawful contract rate applicable, but never to exceed 18% per annum. In the event Halliburton employs an attorney for collection of any account, Customer agrees to pay attorney fees of 20% of the unpaid account, plus all collection and court costs.

CUSTOMER COPY

INVOICE



HALLIBURTON ORIGINAL

REMIT TO:
P. O. BOX 981086
DALLAS, TX 75395-1086

INVOICE NO.	DATE
599195	04/18/1994

WELL LEASE NO./PROJECT		WELL/PROJECT LOCATION		STATE	OWNER
DORRIS 2		NESS		KS	SAME
SERVICE LOCATION		CONTRACTOR	JOB PURPOSE		TICKET DATE
NESS CITY		EMPHASIS RIG 02	CEMENT SURFACE CASING		04/18/1994
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO.
527735	HILL SKEPW			COMPANY TRUCK	67678

DIRECT CORRESPONDENCE TO:

SCOTT LUTZ
P. O. DRAWER 0940
DENVER, CO 80202

OKLAHOMA TOWER
210 WEST PARK AVENUE
SUITE 2000
OKLAHOMA CITY, OK 73102-5601

REFERENCE NO.	DESCRIPTION	QUANTITY	UM	UNIT PRICE	AMOUNT
PRICING AREA - MID CONTINENT					
000-117	MIXTURE CEMENTING ROUND TRIP	54	BT	2.75	148.50
		1	UNT		
001-016	CEMENTING CASING	275	FT	575.00	575.00
		1	UNT		
030-503	WOODEN TOP PLUG	1	EA	95.00	95.00
504-135	CEMENT - 40/60 PORTLAND STANDARD	165	SK	5.68	937.20
506-121	HALLIBURTON-CEL 2%	300	LB	.00	N/C
509-406	ANHYDROUS CALCIUM CHLORIDE	4	SK	28.25	113.00
500-207	BULK SERVICE CHARGE	173	CFT	1.35	233.55
500-301	WELFARE COST MAY DEL. OR RETURN	194.569	THI	.95	184.74
INVOICE SUBTOTAL					2,287.11
DISCOUNT (0.00)					457.02-
INVOICE NET AMOUNT					1,829.69
KANSAS STATE SALES TAX					57.50
INVOICE TOTAL - PLEASE PAY THIS AMOUNT					\$1,887.19

TERMS: If Customer does not have an approved open account with Halliburton, all sums due are payable in cash at the time of performance of services or delivery of equipment, products or materials. If customer has an approved open account, invoices are payable on the twentieth day after date of invoice. Customer agrees to pay interest on any unpaid balance from the date payable until paid at the highest lawful contract rate applicable, but never to exceed 18% per annum. In the event Halliburton employs an attorney for collection of any account, Customer agrees to pay attorney fees of 20% of the unpaid account, plus all collection and court costs.