

CONFIDENTIAL

FORM MUST BE TYPED

SIDE ONE

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

187-20708-~~000~~

ORIGINAL

Operator: License # 9953

Name: HARRIS OIL AND GAS COMPANY

Address 1125 17TH STREET, SUITE 2290

City/State/Zip DENVER, CO 80202

Purchaser: KOCH OIL COMPANY **KCC**

Operator Contact Person: BUID HARRIS FEB 9

Phone (303) 293-8838

Contractor: Name: TRANSPAC DRILLING COMPANY

License: 9408

Wellsite Geologist: DANIEL R. SOMMER

Designate Type of Completion

New Well Re-Entry Workover

Oil SWD SIOW Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, WSW, Expl., Cathodic, etc)

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

Operator: _____

Well Name: RELEASED

Comp. Date _____ Old Total Dept MAY 24 1995

Deepening Re-perf. Conv. to Inj/SWD
 Plug Back _____
 Commingled _____
 Dual Completion Docket No. _____
 Other (SWD or Inj?) Docket No. _____

12-3-93 12-14-93 2-6-94
Spud Date Date Reached TD Completion Date

API NO. 15- 187-20708-~~000~~

County STANTON

50' E OF SE. NE Sec. 28 Twp. 29 Rge. 39

1980 Feet from S (circle one) Line of Section

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

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

Lease Name MCPHERSON COLLEGE Well # "A" 1-28

Field Name WEST BIG BOW

Producing Formation ST. LOUIS

Elevation: Ground 3179 KB 3191

Total Depth 5800' PBDT 5734'

Amount of Surface Pipe Set and Cemented at 1649 Fe

Multiple Stage Cementing Collar Used? Yes

If yes, show depth set 3010 Fe

If Alternate II completion, cement circulated from _____

feet depth to _____ w/ 250 sx cmt.

Drilling Fluid Management Plan 4-21-94 CB
(Data must be collected from the Reserve Pit)

Chloride content 5000 ppm Fluid volume 2500 bbl.

Dewatering method used CUT WINDOWS IN WALL TO AID

IN NATURAL EVAPORATION AND DEWATERING
Location of fluid disposal if hauled offsite _____

Operator Name RCD 2-15-94 FEB 15 1994

Lease Name CONSERVATION DIVISION License No. _____
Wichita, Kansas

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 WG Harris TR

Title PRESIDENT Date 2-9-94

Subscribed and sworn to before me this 5TH day of FEBRUARY 19 94.

Notary Public ALICE E. BERRY

Date Commission Expires NOVEMBER 23 2005

K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Geologist Report Received
Distribution
 KCC SWD/Rep NGPA
 KGS Plug Other (Specify) _____

Operator Name HARRIS OIL AND GAS COMPANY Lease Name MCPHERSON COLLEGE Well # A 1-28

Sec. 28 Twp. 29 Rge. 39
 East
 West

County STANTON

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 (Attach Additional Sheets.)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input type="checkbox"/> No	HEEBNER	3758	- 567
Electric Log Run (Submit Copy.)	<input type="checkbox"/> Yes <input type="checkbox"/> No	MARMATON	4439	-1248
		ATOKA	4811	-1620
		MORROW	5148	-1957
		CHESTER	5501	-2310
List All E.Logs Run: DIL, CNL-FDC, MICRO		ST. GEN	5584	-2393
		ST. LOUIS	5684	-2493

BY: SCHLUMBERGER W&T

CASING RECORD <input checked="" type="checkbox"/> New <input 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	12 1/4"	8 5/8"	24	1649	LITE	535	2ZCC 1/4# FLOC
PRODUCTION	7 7/8"	5 1/2"	14	5798	CLASS H	200	5ZKCL, 6/10Z HALAD 322

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
		Amount	Kind	
4	5676-86	1000 GAL	15% NON-E	SAME

TUBING RECORD	Size <u>2 7/8"</u>	Set At <u>5634</u>	Packer At <u>N/A</u>	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Inj.	<u>2-6-94</u>	Producing Method	<input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)	
Estimated Production Per 24 Hours	Oil <u>85</u> Bbls.	Gas <u>N/A</u> Mcf	Water <u>4</u> Bbls.	Gas-Oil Ratio <u>0/1</u> Gravity <u>42</u>

Disposition of Gas:	METHOD OF COMPLETION	Production Interval
<input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease (If vented, submit ACO-18.)	<input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <input type="checkbox"/> Other (Specify)	<u>5676-86</u> <u>ST. LOUIS</u>



TICKET CONTINUATION

COPY

TICKET No.

HALLIBURTON ENERGY SERVICES

CUSTOMER Harris Oil & Gas	WELL McPeherson	DATE 1-20-94	PAGE	OF
---	---------------------------	------------------------	------	----

FORM 1911 R-9

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		UNIT PRICE	AMOUNT
		LOC	ACCT	DF		U/M	U/M		
504-118					Halliburton Light cement	250	sk	9.44	2360.00
504-043	516.00272								
506-105	516.00286								
506-121	516.00259								
507-210	890.50071				Flocele 1/2"/250sk	63	lb	1.40	88.20
509-406	890.50812				Calcium Chloride 2%	4	sk	28.25	113.00
<div style="display: flex; justify-content: space-between;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">FROM CONFIDENTIAL</div> <div style="text-align: center;"> <p>RELEASED</p> <p>MAY 24 1995</p> </div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">ORIGINAL</div> </div>									
<div style="display: flex; justify-content: space-between;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">CONFIDENTIAL</div> <div style="text-align: center;"> <p>FEB 9</p> <p>KCC</p> </div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">CONFIDENTIAL</div> </div>									
<div style="display: flex; justify-content: space-between;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">CONFIDENTIAL</div> <div style="text-align: center;"> <p>FEB 9</p> <p>KCC</p> </div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">CONFIDENTIAL</div> </div>									
<div style="display: flex; justify-content: space-between;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">CONFIDENTIAL</div> <div style="text-align: center;"> <p>FEB 9</p> <p>KCC</p> </div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">CONFIDENTIAL</div> </div>									
<div style="display: flex; justify-content: space-between;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">CONFIDENTIAL</div> <div style="text-align: center;"> <p>FEB 9</p> <p>KCC</p> </div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">CONFIDENTIAL</div> </div>									
<div style="display: flex; justify-content: space-between;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">CONFIDENTIAL</div> <div style="text-align: center;"> <p>FEB 9</p> <p>KCC</p> </div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">CONFIDENTIAL</div> </div>									
<div style="display: flex; justify-content: space-between;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">CONFIDENTIAL</div> <div style="text-align: center;"> <p>FEB 9</p> <p>KCC</p> </div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">CONFIDENTIAL</div> </div>									
<div style="display: flex; justify-content: space-between;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">CONFIDENTIAL</div> <div style="text-align: center;"> <p>FEB 9</p> <p>KCC</p> </div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">CONFIDENTIAL</div> </div>									
<div style="display: flex; justify-content: space-between;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">CONFIDENTIAL</div> <div style="text-align: center;"> <p>FEB 9</p> <p>KCC</p> </div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">CONFIDENTIAL</div> </div>									
<div style="display: flex; justify-content: space-between;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">CONFIDENTIAL</div> <div style="text-align: center;"> <p>FEB 9</p> <p>KCC</p> </div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">CONFIDENTIAL</div> </div>									
<div style="display: flex; justify-content: space-between;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">CONFIDENTIAL</div> <div style="text-align: center;"> <p>FEB 9</p> <p>KCC</p> </div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">CONFIDENTIAL</div> </div>									
<div style="display: flex; justify-content: space-between;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">CONFIDENTIAL</div> <div style="text-align: center;"> <p>FEB 9</p> <p>KCC</p> </div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">CONFIDENTIAL</div> </div>									
<div style="display: flex; justify-content: space-between;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">CONFIDENTIAL</div> <div style="text-align: center;"> <p>FEB 9</p> <p>KCC</p> </div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">CONFIDENTIAL</div> </div>									
<div style="display: flex; justify-content: space-between;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">CONFIDENTIAL</div> <div style="text-align: center;"> <p>FEB 9</p> <p>KCC</p> </div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">CONFIDENTIAL</div> </div>									
<div style="display: flex; justify-content: space-between;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">CONFIDENTIAL</div> <div style="text-align: center;"> <p>FEB 9</p> <p>KCC</p> </div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">CONFIDENTIAL</div> </div>									
<div style="display: flex; justify-content: space-between;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">CONFIDENTIAL</div> <div style="text-align: center;"> <p>FEB 9</p> <p>KCC</p> </div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">CONFIDENTIAL</div> </div>									
<div style="display: flex; justify-content: space-between;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">CONFIDENTIAL</div> <div style="text-align: center;"> <p>FEB 9</p> <p>KCC</p> </div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">CONFIDENTIAL</div> </div>									
<div style="display: flex; justify-content: space-between;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">CONFIDENTIAL</div> <div style="text-align: center;"> <p>FEB 9</p> <p>KCC</p> </div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">CONFIDENTIAL</div> </div>									
<div style="display: flex; justify-content: space-between;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">CONFIDENTIAL</div> <div style="text-align: center;"> <p>FEB 9</p> <p>KCC</p> </div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">CONFIDENTIAL</div> </div>									
<div style="display: flex; justify-content: space-between;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">CONFIDENTIAL</div> <div style="text-align: center;"> <p>FEB 9</p> <p>KCC</p> </div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">CONFIDENTIAL</div> </div>									
<div style="display: flex; justify-content: space-between;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">CONFIDENTIAL</div> <div style="text-align: center;"> <p>FEB 9</p> <p>KCC</p> </div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">CONFIDENTIAL</div> </div>									
<div style="display: flex; justify-content: space-between;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">CONFIDENTIAL</div> <div style="text-align: center;"> <p>FEB 9</p> <p>KCC</p> </div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">CONFIDENTIAL</div> </div>									
<div style="display: flex; justify-content: space-between;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">CONFIDENTIAL</div> <div style="text-align: center;"> <p>FEB 9</p> <p>KCC</p> </div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">CONFIDENTIAL</div> </div>									
<div style="display: flex; justify-content: space-between;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">CONFIDENTIAL</div> <div style="text-align: center;"> <p>FEB 9</p> <p>KCC</p> </div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">CONFIDENTIAL</div> </div>									
<div style="display: flex; justify-content: space-between;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">CONFIDENTIAL</div> <div style="text-align: center;"> <p>FEB 9</p> <p>KCC</p> </div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">CONFIDENTIAL</div> </div>									
<div style="display: flex; justify-content: space-between;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">CONFIDENTIAL</div> <div style="text-align: center;"> <p>FEB 9</p> <p>KCC</p> </div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">CONFIDENTIAL</div> </div>									
<div style="display: flex; justify-content: space-between;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">CONFIDENTIAL</div> <div style="text-align: center;"> <p>FEB 9</p> <p>KCC</p> </div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">CONFIDENTIAL</div> </div>									
<div style="display: flex; justify-content: space-between;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">CONFIDENTIAL</div> <div style="text-align: center;"> <p>FEB 9</p> <p>KCC</p> </div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">CONFIDENTIAL</div> </div>									
<div style="display: flex; justify-content: space-between;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">CONFIDENTIAL</div> <div style="text-align: center;"> <p>FEB 9</p> <p>KCC</p> </div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">CONFIDENTIAL</div> </div>									
<div style="display: flex; justify-content: space-between;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">CONFIDENTIAL</div> <div style="text-align: center;"> <p>FEB 9</p> <p>KCC</p> </div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">CONFIDENTIAL</div> </div>									
<div style="display: flex; justify-content: space-between;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">CONFIDENTIAL</div> <div style="text-align: center;"> <p>FEB 9</p> <p>KCC</p> </div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">CONFIDENTIAL</div> </div>									
<div style="display: flex; justify-content: space-between;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">CONFIDENTIAL</div> <div style="text-align: center;"> <p>FEB 9</p> <p>KCC</p> </div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">CONFIDENTIAL</div> </div>									
<div style="display: flex; justify-content: space-between;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">CONFIDENTIAL</div> <div style="text-align: center;"> <p>FEB 9</p> <p>KCC</p> </div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">CONFIDENTIAL</div> </div>									
<div style="display: flex; justify-content: space-between;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">CONFIDENTIAL</div> <div style="text-align: center;"> <p>FEB 9</p> <p>KCC</p> </div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">CONFIDENTIAL</div> </div>									
<div style="display: flex; justify-content: space-between;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">CONFIDENTIAL</div> <div style="text-align: center;"> <p>FEB 9</p> <p>KCC</p> </div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">CONFIDENTIAL</div> </div>									
<div style="display: flex; justify-content: space-between;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">CONFIDENTIAL</div> <div style="text-align: center;"> <p>FEB 9</p> <p>KCC</p> </div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">CONFIDENTIAL</div> </div>									
<div style="display: flex; justify-content: space-between;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">CONFIDENTIAL</div> <div style="text-align: center;"> <p>FEB 9</p> <p>KCC</p> </div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">CONFIDENTIAL</div> </div>									
<div style="display: flex; justify-content: space-between;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">CONFIDENTIAL</div> <div style="text-align: center;"> <p>FEB 9</p> <p>KCC</p> </div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">CONFIDENTIAL</div> </div>									
<div style="display: flex; justify-content: space-between;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">CONFIDENTIAL</div> <div style="text-align: center;"> <p>FEB 9</p> <p>KCC</p> </div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">CONFIDENTIAL</div> </div>									
<div style="display: flex; justify-content: space-between;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">CONFIDENTIAL</div> <div style="text-align: center;"> <p>FEB 9</p> <p>KCC</p> </div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">CONFIDENTIAL</div> </div>									
<div style="display: flex; justify-content: space-between;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">CONFIDENTIAL</div> <div style="text-align: center;"> <p>FEB 9</p> <p>KCC</p> </div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">CONFIDENTIAL</div> </div>									
<div style="display: flex; justify-content: space-between;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">CONFIDENTIAL</div> <div style="text-align: center;"> <p>FEB 9</p> <p>KCC</p> </div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">CONFIDENTIAL</div> </div>									
<div style="display: flex; justify-content: space-between;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">CONFIDENTIAL</div> <div style="text-align: center;"> <p>FEB 9</p> <p>KCC</p> </div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">CONFIDENTIAL</div> </div>									
<div style="display: flex; justify-content: space-between;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">CONFIDENTIAL</div> <div style="text-align: center;"> <p>FEB 9</p> <p>KCC</p> </div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">CONFIDENTIAL</div> </div>									
<div style="display: flex; justify-content: space-between;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">CONFIDENTIAL</div> <div style="text-align: center;"> <p>FEB 9</p> <p>KCC</p> </div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">CONFIDENTIAL</div> </div>									
<div style="display: flex; justify-content: space-between;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">CONFIDENTIAL</div> <div style="text-align: center;"> <p>FEB 9</p> <p>KCC</p> </div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">CONFIDENTIAL</div> </div>									
<div style="display: flex; justify-content: space-between;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">CONFIDENTIAL</div> <div style="text-align: center;"> <p>FEB 9</p> <p>KCC</p> </div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">CONFIDENTIAL</div> </div>									
<div style="display: flex; justify-content: space-between;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">CONFIDENTIAL</div> <div style="text-align: center;"> <p>FEB 9</p> <p>KCC</p> </div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">CONFIDENTIAL</div> </div>									
<div style="display: flex; justify-content: space-between;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">CONFIDENTIAL</div> <div style="text-align: center;"> <p>FEB 9</p> <p>KCC</p> </div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">CONFIDENTIAL</div> </div>									
<div style="display: flex; justify-content: space-between;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">CONFIDENTIAL</div> <div style="text-align: center;"> <p>FEB 9</p> <p>KCC</p> </div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">CONFIDENTIAL</div> </div>									
<div style="display: flex; justify-content: space-between;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">CONFIDENTIAL</div> <div style="text-align: center;"> <p>FEB 9</p> <p>KCC</p> </div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">CONFIDENTIAL</div> </div>									
<div style="display: flex; justify-content: space-between;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">CONFIDENTIAL</div> <div style="text-align: center;"> <p>FEB 9</p> <p>KCC</p> </div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">CONFIDENTIAL</div> </div>									
<div style="display: flex; justify-content: space-between;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">CONFIDENTIAL</div> <div style="text-align: center;"> <p>FEB 9</p> <p>KCC</p> </div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">CONFIDENTIAL</div> </div>									
<div style="display: flex; justify-content: space-between;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">CONFIDENTIAL</div> <div style="text-align: center;"> <p>FEB 9</p> <p>KCC</p> </div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">CONFIDENTIAL</div> </div>									
<div style="display: flex; justify-content: space-between;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">CONFIDENTIAL</div> <div style="text-align: center;"> <p>FEB 9</p> <p>KCC</p> </div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">CONFIDENTIAL</div> </div>									
<div style="display: flex; justify-content: space-between;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">CONFIDENTIAL</div> <div style="text-align: center;"> <p>FEB 9</p> <p>KCC</p> </div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">CONFIDENTIAL</div> </div>									
<div style="display: flex; justify-content: space-between;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">CONFIDENTIAL</div> <div style="text-align: center;"> <p>FEB 9</p> <p>KCC</p> </div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">CONFIDENTIAL</div> </div>									
<div style="display: flex; justify-content: space-between;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">CONFIDENTIAL</div> <div style="text-align: center;"> <p>FEB 9</p> <p>KCC</p> </div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">CONFIDENTIAL</div> </div>									
<div style="display: flex; justify-content: space-between;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">CONFIDENTIAL</div> <div style="text-align: center;"> <p>FEB 9</p> <p>KCC</p> </div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">CONFIDENTIAL</div> </div>									
<div style="display: flex; justify-content: space-between;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">CONFIDENTIAL</div> <div style="text-align: center;"> <p>FEB 9</p> <p>KCC</p> </div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">CONFIDENTIAL</div> </div>									
<div style="display: flex; justify-content: space-between;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">CONFIDENTIAL</div> <div style="text-align: center;"> <p>FEB 9</p> <p>KCC</p> </div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">CONFIDENTIAL</div> </div>									
<div style="display: flex; justify-content: space-between;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">CONFIDENTIAL</div> <div style="text-align: center;"> <p>FEB 9</p> <p>KCC</p> </div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">CONFIDENTIAL</div> </div>									
<div style="display: flex; justify-content: space-between;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">CONFIDENTIAL</div> <div style="text-align: center;"> <p>FEB 9</p> <p>KCC</p> </div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">CONFIDENTIAL</div> </div>									
<div style="display: flex; justify-content: space-between;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">CONFIDENTIAL</div> <div style="text-align: center;"> <p>FEB 9</p> <p>KCC</p> </div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">CONFIDENTIAL</div> </div>									
<div style="display: flex; justify-content: space-between;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">CONFIDENTIAL</div> <div style="text-align: center;"> <p>FEB 9</p> <p>KCC</p> </div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">CONFIDENTIAL</div> </div>									
<div style="display: flex; justify-content: space-between;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">CONFIDENTIAL</div> <div style="text-align: center;"> <p>FEB 9</p> <p>KCC</p> </div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">CONFIDENTIAL</div> </div>									
<div style="display: flex; justify-content: space-between;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">CONFIDENTIAL</div> <div style="text-align: center;"> <p>FEB 9</p> <p>KCC</p> </div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">CONFIDENTIAL</div> </div>									
<div style="display: flex; justify-content: space-between;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">CONFIDENTIAL</div> <div style="text-align: center;"> <p>FEB 9</p> <p>KCC</p> </div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">CONFIDENTIAL</div> </div>									
<div style="display: flex; justify-content: space-between;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">CONFIDENTIAL</div> <div style="text-align: center;"> <p>FEB 9</p> <p>KCC</p> </div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">CONFIDENTIAL</div> </div>									
<div style="display: flex; justify-content: space-between;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">CONFIDENTIAL</div> <div style="text-align: center;"> <p>FEB 9</p> <p>KCC</p> </div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">CONFIDENTIAL</div> </div>									
<div style="display: flex; justify-content: space-between;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">CONFIDENTIAL</div> <div style="text-align: center;"> <p>FEB 9</p> <p>KCC</p> </div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">CONFIDENTIAL</div> </div>									
<div style="display: flex; justify-content: space-between;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">CONFIDENTIAL</div> <div style="text-align: center;"> <p>FEB 9</p> <p>KCC</p> </div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">CONFIDENTIAL</div> </div>									
<div style="display: flex; justify-content: space-between;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">CONFIDENTIAL</div> <div style="text-align: center;"> <p>FEB 9</p> <p>KCC</p> </div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">CONFIDENTIAL</div> </div>									
<div style="display: flex; justify-content: space-between;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">CONFIDENTIAL</div> <div style="text-align: center;"> <p>FEB 9</p> <p>KCC</p> </div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">CONFIDENTIAL</div> </div>									
<div style="display: flex; justify-content: space-between;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">CONFIDENTIAL</div> <div style="text-align: center;"> <p>FEB 9</p> <p>KCC</p> </div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">CONFIDENTIAL</div> </div>									
<div style="display: flex; justify-content: space-between;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">CONFIDENTIAL</div> <div style="text-align: center;"> <p>FEB 9</p> <p>KCC</p> </div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">CONFIDENTIAL</div> </div>									
<div style="display: flex; justify-content: space-between;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">CONFIDENTIAL</div> <div style="text-align: center;"> <p>FEB 9</p> <p>KCC</p> </div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">CONFIDENTIAL</div> </div>									
<div style="display: flex; justify-content: space-between;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">CONFIDENTIAL</div> <div style="text-align: center;"> <p>FEB 9</p> <p>KCC</p> </div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">CONFIDENTIAL</div> </div>									
<div style="display: flex; justify-content: space-between;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">CONFIDENTIAL</div> <div style="text-align: center;"> <p>FEB 9</p> <p>KCC</p> </div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">CONFIDENTIAL</div> </div>									
<div style="display: flex; justify-content: space-between;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">CONFIDENTIAL</div> <div style="text-align: center;"> <p>FEB 9</p> <p>KCC</p> </div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">CONFIDENTIAL</div> </div>									
<div style="display: flex; justify-content: space-between;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">CONFIDENTIAL</div> <div style="text-align: center;"> <p>FEB 9</p> <p>KCC</p> </div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">CONFIDENTIAL</div> </div>									
<div style="display: flex; justify-content: space-between;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">CONFIDENTIAL</div> <div style="text-align: center;"> <p>FEB 9</p> <p>KCC</p> </div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">CONFIDENTIAL</div> </div>									
<div style="display: flex; justify-content: space-between;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">CONFIDENTIAL</div> <div style="text-align: center;"> <p>FEB 9</p> <p>KCC</p> </div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">CONFIDENTIAL</div> </div>									
<div style="display: flex; justify-content: space-between;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">CONFIDENTIAL</div> <div style="text-align: center;"> <p>FEB 9</p> <p>KCC</p> </div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">CONFIDENTIAL</div> </div>									
<div style="display: flex; justify-content: space-between;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">CONFIDENTIAL</div> <div style="text-align: center;"> <p>FEB 9</p> <p>KCC</p> </div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">CONFIDENTIAL</div> </div>									
<div style="display: flex; justify-content: space-between;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">CONFIDENTIAL</div> <div style="text-align: center;"> <p>FEB 9</p> <p>KCC</p> </div> </div>									

JOB LOG FORM 2013 R-4

 CUSTOMER **Harco Services** WELL NO. **A28** LEASE **McPherson College** JOB TYPE **FO** TICKET NO. **574731**

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	0530							called out
	1130							on Location
								CONFIDENTIAL
								Ry up
								Safety meeting
								Discuss JEP with J. D. H. H.
	1207					950	950	TEST CONG
						300		Pressure to 300 PSI / well shut open
	1220					900	900	PS up Try to open well
	1222							Relinquish to 300 PSI
	1224					900		PS up Try to open well
	1255					1500		Pressure to 1500 PSI
	1259							Relinquish to 300 PSI
	1300							Pressure to 300 PSI
	1320					2000		PS up Try to open well
	1325					500		Relinquish to 300 PSI
	1330							Relinquish to 300 PSI
						250		Pressure to 250 PSI
						250		Pressure to 250 PSI
	1345					250		Pressure to 250 PSI
	1350					250		Pressure to 250 PSI
	1356					300		Pressure to 300 PSI
			17			250		Pressure to 250 PSI
						1500		TEST TO 1500 PSI
								Relinquish to 300 PSI
	1415		25			450		Pressure to 450 PSI
	1430							Relinquish to 300 PSI

ORIGINAL
CONFIDENTIAL
RELEASED
MAY 24 1995
FROM CONFIDENTIAL

WELL DATA

FIELD _____ SEC _____ TWP. _____ RNG. _____ COUNTY _____ STATE Ks

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 Sp-1 MUD WT. 9.0
PACKER TYPE _____ SET AT _____
BOTTOM HOLE TEMP. _____ PRESSURE _____
MISC. DATA _____ TOTAL DEPTH 1653

	NEW USED	WEIGHT	SIZE	FROM	TO	MAXIMUM PSI ALLOWABLE
CASING	N	24	8 3/4	KOB	1653	1500
LINER						
TUBING						
OPEN HOLE			12 1/2	GL	1660	SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

JOB DATA

CALLLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <u>12-4-93</u>	DATE <u>12-4-93</u>	DATE <u>12-4-93</u>	DATE <u>12-4-93</u>
TIME <u>02:30</u>	TIME <u>06:00</u>	TIME <u>10:45</u>	TIME <u>12:30</u>

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
<u>T. Behrman</u>	<u>40078 20</u>	<u>Liberal Ks</u>
<u>R. Zimand</u>	<u>50556</u>	<u>" "</u>
<u>D. McIntyre</u>	<u>20371</u>	<u>" "</u>
<u>D. Payne</u>	<u>20303</u>	<u>Hugoton Ks</u>
<u>D. Payne</u>	<u>4451</u>	<u>" "</u>
<u>D. Payne</u>	<u>675 28</u>	<u>" "</u>

ORIGINAL

KCC

FEB 9

CONFIDENTIAL

DEPARTMENT Cement
DESCRIPTION OF JOB 10

JOB DONE THRU: TUBING CASING ANNULUS TBG./ANN.

CUSTOMER REPRESENTATIVE X Rick Skelton

HALLIBURTON OPERATOR Tom Behrman COPIES REQUESTED _____

CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
<u>1</u>	<u>533</u>	<u>HLCP+</u>			<u>2.4% L 2% CC</u>	<u>2.2</u>	<u>110</u>
<u>2</u>	<u>150</u>	<u>Q+</u>			<u>4.4% L 2% CC</u>	<u>1.52</u>	<u>140</u>

RELEASED

MAY 24 1995

FROM CONFIDENTIAL VOLUMES

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 42 REASON 3/4"

SUMMARY

PRESLUSH: BBL.-GAL. _____ TYPE _____
LOAD & BKDN: BBL.-GAL. _____ PAD: BBL.-GAL. _____
TREATMENT: BBL.-GAL. _____ DISPL: BBL.-GAL. 102
CEMENT SLURRY: BBL.-GAL. 116.3
TOTAL VOLUME: BBL.-GAL. _____

REMARKS

CUSTOMER: HALLIBURTON
LEASE: HALLIBURTON
WELL NO.: 41-2-2-1
JOB TYPE: OIL
DATE: 12-4-93

JOB LOG FORM 2013 R-4

 CUSTOMER **Harris Oil & Gas** WELL NO. **A1-23** LEASE **McPherson College** JOB TYPE **010** TICKET NO. **648017**

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	02:30							Called out Ready Now
	06:00							ON hoc Rig Work
	09:30							Start 5" casing in Hole
	10:45							TD 5" Hook-up Cir Hole
								CONFIDENTIAL
	11:05	6	15			220		535 ^{SK} HLC P+
	"	"	196			"		"
	11:30	"	35.2			"		150 ^{SK} P+
	11:38	1						Stop Work EWD Plug
		1.5				150		Displ w H ₂ O
		2	92			450		KCC
	12:00	"	162.1			480		Plug Down FEB 9
								CONFIDENTIAL
								ORIGINAL
								(Cir good CNT to Surface)
								RELEASED
								MAY 24 1995
								FROM CONFIDENTIAL
								Thank You Tim & Crew



HALLIBURTON ENERGY SERVICES

FORM 1906 R-13

CHARGE TO: Harris Oil & Gas
 ADDRESS:
 CITY, STATE, ZIP CODE:

COPY
 No. 648017-7
 PAGE 1 OF 1

SERVICE LOCATIONS: 1. Liberal KS 025540
2. Houghton KS 025535
 WELL/PROJECT NO.: A1-2S
 LEASE: McPherson College
 COUNTY/PARISH: 1
 STATE: KS
 CITY/OFFSHORE LOCATION:
 DATE: 12-4-93
 OWNER: Harris Oil
 CONTRACTOR: Trans Pac
 TICKET TYPE: SERVICE SALES
 NITROGEN JOB? YES NO
 WELL TYPE: 01
 WELL CATEGORY: 01
 JOB PURPOSE: 010
 WELL PERMIT NO.:
 WELL LOCATION: S. of Big Bow KS

PRICE REFERENCE	SECONDARY REFERENCE/PART NUMBER	ACCOUNTING			DESCRIPTION	DATE		UNIT PRICE		AMOUNT	
		LOC	ACCT	DF		QTY.	U/M	QTY.	U/M		
000-117		1			MILEAGE			36	mi	2.75	99.00
030-018		1			Pump Charge			1653	BT		1,220.00
		1			5-W Plug			5	in		130.00
16A	830, 2171	1			Guide Shoe			88	in		161.00
24A	815, 19502	1			Insert Plug			"	"		171.00
27	815, 19415	1			Fill-up			"	"		55.00
40	806, 60039	1			Central Pass			"	"		216.00

LEGAL TERMS: Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include, but are not limited to, **PAYMENT, RELEASE, INDEMNITY, and LIMITED WARRANTY** provisions.

CUSTOMER OR CUSTOMER'S AGENT SIGNATURE: X [Signature]

DATE SIGNED: 12-4-93 TIME SIGNED: 06:00

TYPE LOCK: PULLED & RETURN PULLED RUN

BEAN SIZE: A.M. P.M.

TUBING SIZE: do not require IPC (Instrument Protection). Not offered

SURVEY: AGREE UN-DECIDED DIS-AGREE

OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?

WE UNDERSTOOD AND MET YOUR NEEDS?

OUR SERVICE WAS PERFORMED WITHOUT DELAY?

WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?

ARE YOU SATISFIED WITH OUR SERVICE? YES NO

PAGE TOTAL: 2,052.00

FROM CONTINUATION PAGE(S): 7,881.96

SUB-TOTAL APPLICABLE TAXES WILL BE ADDED ON INVOICE: 9,933.96

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES The customer hereby acknowledges receipt of the materials and services listed on this ticket.

CUSTOMER OR CUSTOMER'S AGENT (PLEASE PRINT): Buck Schellenbacher

CUSTOMER OR CUSTOMER'S AGENT (SIGNATURE): X [Signature]

HALLIBURTON OPERATOR/ENGINEER: Tim Bohannon EMP #: 87748

HALLIBURTON APPROVAL:



HALLIBURTON ENERGY SERVICES

CHARGE TO: *Harris OL 7605*
 ADDRESS: *Harris OL 7605*
 CITY, STATE, ZIP CODE: **ORIGINAL**

COPY

TICKET

No. 649767 - 8

PAGE 1 OF 1

FORM 1906 R-13

1. SERVICE LOCATIONS	WELL/PROJECT NO. <i>255110</i>	LEASE <i>LA-28</i>	COUNTY/PARISH <i>Madison Parish</i>	STATE <i>K</i>	CITY/OFFSHORE LOCATION	DATE <i>12-14-93</i>	OWNER <i>SAME</i>
2. TICKET TYPE	NITROGEN SERVICE	CONTRACTOR <i>M. Pearson</i>	RIG NAME/NO. <i>Trane Port Ddy</i>	SHIPPED VIA	DELIVERED TO	ORDER NO.	
3. WELL TYPE	WELL CATEGORY	JOB PURPOSE <i>035 5% Prod Strng</i>	WELL PERMIT NO.	WELL LOCATION <i>507 Big Ben</i>			
4. REFERRAL LOCATION	INVOICE INSTRUCTIONS <i>0103</i>						

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
000-117	CONFIDENTIAL	1			MILEAGE	18				2.2	99.00
001-016		1			Pump charge	5800		FT			1850.00
030-012		1			5w Top Pkg	1		Ear	5%	10.00	60.00
01-018		1			Add. Fluid Hours	2		Hour		235.00	470.00
018-315		1			Med Fluid	420		Gal		0.65	273.00
218-738				Clay Fill	16		Gal		24.00	384.00	
66	207-64031			Fas Gap	1		Foot	5%			12.00

STATE OF MISSOURI
 FEB 15 1994
 CRUISER IN DIVISION
 OF PUBLIC SAFETY
 JEFFERSON CITY, MISSOURI

KCC
 FEB 9
 CONFIDENTIAL
 MAY 24 1995
 CONFIDENTIAL

LEGAL TERMS: Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include, but are not limited to, **PAYMENT, RELEASE, INDEMNITY, and LIMITED WARRANTY** provisions.

CUSTOMER OR CUSTOMER'S AGENT SIGNATURE
X Roger Pearson
 DATE SIGNED _____ TIME SIGNED _____
 A.M. P.M.

SUB SURFACE SAFETY VALVE WAS:
 PULLED & RETURN PULLED RUI

TYPE LOCK	DEPTH	
BEAN SIZE	SPACERS	
TYPE OF EQUALIZING SUB.	CASING PRESSURE	
TUBING SIZE	TUBING PRESSURE	WELL DEPTH
TREE CONNECTION	TYPE VALVE	

CUSTOMER SURVEY

OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?	AGREE	UN-DECIDED	DIS-AGREE
WE UNDERSTOOD AND MET YOUR NEEDS?			
OUR SERVICE WAS PERFORMED WITHOUT DELAY?			
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?			
ARE YOU SATISFIED WITH OUR SERVICE?	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND			

PAGE TOTAL	3148.00
FROM CONTINUATION PAGE(S)	3098.00
SUB-TOTAL APPLICABLE TAXES WILL BE ADDED ON INVOICE	

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES The customer hereby acknowledges receipt of the materials and services listed on this ticket.

CUSTOMER OR CUSTOMER'S AGENT (PLEASE PRINT) <i>Roger Pearson</i>	CUSTOMER OR CUSTOMER'S AGENT (SIGNATURE) <i>X Roger Pearson</i>	HALLIBURTON OPERATOR/ENGINEER <i>[Signature]</i>	EMP # <i>59179</i>	HALLIBURTON APPROVAL
---	--	---	-----------------------	----------------------

WELL DATA

FIELD _____ SEC. _____ TWP. _____ RNG. _____ COUNTY Stanton STATE K

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 _____

	NEW USED	WEIGHT	SIZE	FROM	TO	MAXIMUM PSI ALLOWABLE
CASING		15.3	5 7/8	1213	5801	
LINER						
TUBING						
OPEN HOLE			7 7/8		5800	SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

JOB DATA

CALLER OUT DATE	ON LOCATION DATE	JOB STARTED DATE	JOB COMPLETED DATE
12-14	12-14	12-14	12-14
TIME 0700	TIME 0530	TIME 1235	TIME 1305

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
<u>Doran</u>	40075	Lowell K
<u>R. Flueck</u>	4103 / 7242	"
<u>D. Nesbitt</u>	4449 / 4774	Highland
	E1591	

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
Float Collar		
Float Shoe		
Guide Shoe		
Centralizers		
Bottom Plug		
Top Plug	1	House
Head		
Packer		
Other		

MATERIALS

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

DISPL. FLUID _____ DENSITY _____ LB./GAL. °API

PROP. TYPE _____ SIZE _____ LB.

PROP. TYPE _____ SIZE _____ LB.

ACID TYPE _____ GAL. _____ %

ACID TYPE _____ GAL. _____ %

ACID TYPE _____ GAL. _____ %

SURFACTANT TYPE _____ GAL. _____ IN

NE AGENT TYPE _____ GAL. _____ IN

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

GELLING AGENT TYPE _____ GAL. _____ IN

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

BREAKER TYPE _____ GAL.-LB. _____ IN

BLOCKING AGENT TYPE _____ GAL. _____ IN

PERFPAC BALLS TYPE _____ QTY. _____

OTHER _____

OTHER _____

RELEASED
MAY 24 1995

FROM CONFIDENTIAL

KCC

FEB 9

CONFIDENTIAL

ORIGINAL

DEPARTMENT _____

DESCRIPTION OF JOB 5% P. 1. 1. 1.

JOB DONE THRU: TUBING CASING ANNULUS TBG/ANN.

CUSTOMER REPRESENTATIVE X Roger Pearson

HALLIBURTON OPERATOR _____ COPIES REQUESTED _____

CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
	200	P. 1. 1. 1.			5% VCL .6% H. 1. 1. 1.	1.06	16.4

PRESSURES IN PSI

CIRCULATING _____ DISPLACEMENT _____

BREAKDOWN _____ MAXIMUM _____

AVERAGE _____ FRACTURE GRADIENT _____

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

HYDRAULIC HORSEPOWER _____

SUMMARY

PRESLUSH: BBL.-GAL. 10

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

TREATMENT: BBL.-GAL. _____ DISPL: BBL.-GAL. 140.7

CEMENT SLURRY: BBL.-GAL. 37.75

TOTAL VOLUME: BBL.-GAL. _____

REMARKS

ORDERED _____ AVAILABLE _____ USED _____

AVERAGE RATES IN BPM _____

TREATING _____ DISPL. _____ OVERALL _____

CEMENT LEFT IN PIPE _____

FEET 43 REASON The Job

CUSTOMER: Howell Oil Co. LEASE: M.P. Pearson WELL NO.: 1A-28 JOB TYPE: 5% P. 1. 1. 1. DATE: 12-14-93

JOB LOG FORM 2013 R-4

CUSTOMER Horus Oil & Gas A-22 WELL NO. 116 Phosphorus Collier LEASE 5/2 Barre Top JOB TYPE 5/2 Barre Top TICKET NO. 649767

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1210							Time Called
	1240							Time Pump
	1250							Time called
								CONFIDENTIAL
								Start Pumping
								KCC
								FEB 9
	1235							CONFIDENTIAL
								ORIGINAL
	1236							Coag. in Hole
	1243							Abandon Concrete Core
	1245							Concrete Core 1/2" Pump
								Concrete Mud to Core Level
	1310							Hook Up Top Pump Truck
	1313	5	10			350		Start 2 1/2" KCL Muck
	1315	/	10			350		Start Muck Fluid
	1317	/	10			350		Start 2 1/2" KCL Blend
	1319	6.2				1450		Start M. Cement
	1324		37 ⁷⁵			230		Finish Mixing Cement
	1325					250		Start Down
	1328	6.3 ⁷⁵				75		START ID placement
	1350		140 ⁴			400		P. Down Hold Press For 5 ^{mins}
	1355					0		Release Press
								Float Held
								Concrete Fluid Through
								Thank You Collier

RELEASED
MAY 24 1995
FROM CONFIDENTIAL

RECEIVED
STATE CORPORATION COMMISSION

FEB 15 1999

CONSERVATION DIVISION
Wichita, Kansas

Halliburton
[Signature]



TICKET CONTINUATION

COPY

104

TICKET No. 6-19767

FORM 1911 R-8

CUSTOMER		WELL		DATE		PAGE OF										
Harris oil & Gas		McPherson College A-28		12-14-93		2 2										
PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			TIME	DESCRIPTION	UNIT PRICE		AMOUNT							
		LOC	ACCT	DF			QTY.	U/M								
504-043	516.00272					Premium Cement	200	sk	81.95	1790.00						
507-775	516.00144					Halad-322 .6%W/ 200	113	lb	6.90	779.70						
508-002	70.15302					Potassium Chloride 5%W/ 200	350	lb	.27	94.50						
KCC		CONFIDENTIAL			ORIGINAL		RELEASED		STATE (CORPORATE) COMMISSION		CONSERVATION DIVISION Michigan, Kansas					
									FEB 9			MAY 24 1995				
500-307							SERVICE CHARGE		CUBIC FEET		270.00					
							200		1.35							
500-306							MILEAGE CHARGE		TOTAL WEIGHT		LOADED MILES		TON MILES			
							19263		18		173.367		.95		164.70	

CONFIDENTIAL

KCC

FEB 9

CONFIDENTIAL

ORIGINAL

RELEASED

MAY 24 1995

FROM CONFIDENTIAL

CONTINUATION TOTAL 3098.90