

ORIGINAL

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

Operator: License # 9953 **CONFIDENTIAL**

Name: Harris Oil and Gas Company

Address 1125 Seventeenth Street  
Suite 2290

City/State/Zip Denver, CO 80202

Purchaser: \_\_\_\_\_

Operator Contact Person: Doug Hoisington

Phone (303) 293-8838

Contractor: Name: Allen Drilling Company

License: 5418

Wellsite Geologist: Austin Garner 6-18-99

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: N/A

Operator: \_\_\_\_\_

Well Name: \_\_\_\_\_

Comp. Date \_\_\_\_\_ Old Total Depth \_\_\_\_\_

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

2/17/99 2/28/99 4/17/99  
Spud Date Date Reached TD Completion Date

API NO.: 15- 129-21582-0000

County Morton

200' W - C - SW - SW Sec. 24 Twp. 32S Rge. 41 X <sup>E</sup>/<sub>W</sub>

660 Feet from S (circle one) Line of Section

460 Feet from E (circle one) Line of Section

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

Lease Name Johns Well # 1-1324

Field Name Richfield

Producing Formation Morrow/Cherokee/Marmaton

Elevation: Ground 3392' KB 3402'

Total Depth 5470' PBTB 5289'

Amount of Surface Pipe Set and Cemented at 1719 Feet

Multiple Stage Cementing Collar Used?  Yes  No

If yes, show depth set 3632 Feet

If Alternate II completion, cement circulated from N/A

feet depth to -- w/ -- sx cmt.

Drilling Fluid Management Plan Att. 1, 7-27-99 U.C.  
(Data must be collected from the Reserve Pit)

Chloride content 900 ppm Fluid volume TSTM bbls

Watering method used Air Evaporation

Location of fluid disposal if hauled offsite: \_\_\_\_\_

**RELEASED** N/A

Operator Name \_\_\_\_\_

Lease Name MAY 07 2001 License No. \_\_\_\_\_

Quarter Sec \_\_\_\_\_ Twp. \_\_\_\_\_ S Rng. \_\_\_\_\_ E/W

County \_\_\_\_\_ Docket No. \_\_\_\_\_

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

JUN 18 1999

N/A KCC

JUN 15 1999

CONFIDENTIAL

FROM CONFIDENTIAL

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, 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 Doug Hoisington

Title Operations Manager Date 6/10/99

Subscribed and sworn to before me this 10th day of June, 1999.

Notary Public Trace Bennett

Date Commission Expires March 17, 2000

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

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SIDE# TWO

ORIGINAL 1-1324

Operator Name Harris Oil and Gas Company

Lease Name Johns

Sec. 24 Twp. 32S Rge. 41

East West

County Morton

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.)
Samples Sent to Geological Survey
Cores Taken
Electric Log Run (Submit Copy.)
List All E.Logs Run: SDL/DSN, Micro, HRI, CBL

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

SEE ATTACHED

RECEIVED STATE CORPORATION COMMISSION

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CONSERVATION DIVISION

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CASING RECORD

New Used

Report all strings set-conductor, surface, intermediate, production, etc.

Table with 8 columns: 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. Rows include Surface, Production, and DV @ 3632'.

ADDITIONAL CEMENTING/SQUEEZE RECORD - N/A

Table with 5 columns: Purpose, Depth Top Bottom, Type of Cement, #Sacks Used, Type and Percent Additives. Includes checkboxes for Perforate, Protect Casing, Plug Back TD, Plug Off Zone.

Table with 4 columns: 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. Includes dates and material details.

TUBING RECORD table with columns: Size, Set At, Packer At, Liner Run (Yes/No).

Table with 2 columns: Date of First, Resumed Production, SWD or Inj. (SI WOPL), Producing Method (Flowing, Pumping, Gas Lift, Other).

Table with 8 columns: Estimated Production Per 24 Hours, Oil Bbls., Gas Mcf, Water Bbls., Gas-Oil Ratio, Gravity.

Disposition of Gas: Vented, Sold, Used on Lease, Open Hole, Perf., Dually Comp., Commingled, Other. METHOD OF COMPLETION: Morrow, Chester, Marmaton. Production Interval.

ORIGINAL

Harris Oil and Gas Company • 1125 17th Street • Suite 2290 • Denver, Colorado • 80202  
Phone (303) 293-8838 • Fax (303) 293-8853

**CONFIDENTIAL Richfield East Extension Prospect**  
Johns #1-1324

660' FSL and 460' FWL Section 24, T32S-R41W  
Morton County, Kansas

KCC  
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API #: 15-129-215820000  
Allen Drilling Company: Rig #2

LOG TOPS		DATUM
Wabunsee	2904'	+497
Topeka'	3182'	+219
Topeka "B" $\phi$	3228'	+173
Heebner	3570'	-169
Lansing	3670'	-269
Kansas City	4046'	-645
Marmaton	4252'	-851
Marmaton (pay)	4324'	-923
Cherokee	4422'	-1021
Morrow	4761'	-1360
Morrow G <sub>1</sub> Marker	5046'	-1645
Morrow G <sub>2</sub> Sand	5113'	-1712
Morrow G <sub>3</sub> Sand	5166'	-1765
Keyes	5216'	-1815
Mississippi	5254'	-1853
St. Louis	5400'	-1999

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Winifred Kansas

RELEASED

MAY 07 2001

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CEMENTING RECORD:

PRIMARY STAGE: Flush: 8 bbl 10% NaCl water, 10 bbl Superflush, spacer.  
Cement: 140 sx 50/50 pozmix w/ 5#/sx calseal, 5#/sx Gilsonite, 10% NaCl & .25% Halad 322 followed with 100 sx 50/50 poz mix w/ 10#/sx Calseal, 5#/sx Gilsonite, 10% NaCl & .5% Halad 322.

SECOND STAGE: Flush: 20 bbl 2% KCl.  
Cement: 270 sx Midcon II w/ 2% CaCl & 1/4#/sx Flocele.

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PERFORATION RECORD:

<u>SPF</u>	<u>Perf Record</u>	<u>Stimulation</u>	<u>Depth</u>
		Fracture: 15,000 gal 65Q CO <sub>2</sub> Foam w/ 26,000# 20/40 sd.	5112'-5142'
4	4554'-4560' & 4571'-4576'	1,000 gal 15% DSFE 5,000 gal 15% DSFE w/ 50Q CO <sub>2</sub>	4554'-4560' & 4571'-4576' 4554'-4560' & 4571'-4576'
4	4324'-4328'	750 gal 15% DSFE 3,000 gal 15% FE 50Q CO <sub>2</sub>	4324'-4328' 4324'-4328'

RELEASED

MAY 07 2001

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CONSERVATION DIVISION  
 Wichita Kansas

RELEASED

MAY 07 2001

FROM CONFIDENTIAL

# ALLIED CEMENTING CO., INC.

ORIGINAL  
3151

Federal Tax I.D.# 48-0727860

REMIT TO P.O. BOX 31  
RUSSELL, KANSAS 67665

**CONFIDENTIAL**

SERVICE POINT:

Oakley

DATE <u>2/18/99</u>	SEC <u>24</u>	TWP <u>32s</u>	RANGE <u>91 W</u>	CALLED OUT	ON LOCATION <u>12:30 PM</u>	JOB START <u>6:45 PM</u>	JOB FINISH <u>7:15 PM</u>
LEASE <u>Harris</u>	WELL # <u>1524</u>	LOCATION <u>Ritch Field 2 3/4 E 3/4 SW/4</u>	COUNTY <u>Morton</u>	STATE <u>KS</u>			
OLD OR <u>NEW</u> (Circle one)							

CONTRACTOR Allen Drly Rig #2

TYPE OF JOB CMT 8 3/4 Surface csg

HOLE SIZE 12 1/4 T.D. 1724

CASING SIZE 8 3/4 DEPTH 1719

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX 900 MINIMUM 150

MEAS. LINE SHOE JOINT 42

CEMENT LEFT IN CSG. 42

PERFS.

DISPLACEMENT 107 BBL

EQUIPMENT KCC

OWNER Same

CEMENT

AMOUNT ORDERED

550 SKS ALW + 390cc 4# Flo-seal

150 SKS Class A + 290gel 390cc

COMMON	<u>150 SKS</u>	@	<u>7.55</u>	<u>1132.50</u>
POZMIX		@		
GEL	<u>3 SKS</u>	@	<u>9.50</u>	<u>28.50</u>
CHLORIDE	<u>20 SKS</u>	@	<u>28.00</u>	<u>560.00</u>
A.L.W.	<u>550 SKS</u>	@	<u>7.05</u>	<u>3877.50</u>
Flo-seal	<u>138 #</u>	@	<u>1.15</u>	<u>158.70</u>
		@		
		@		
		@		
HANDLING	<u>700</u>	@	<u>1.20</u>	<u>840.00</u>
MILEAGE	<u>700 x .04 x 30</u>			<u>840.00</u>

JUN 15 1999

PUMP TRUCK CEMENTER Max

# 191 HELPER Dean

BULK TRUCK

# 280 DRIVER Terry

BULK TRUCK

# 347 DRIVER Wayne

**ACO-1 COPY**

TOTAL 7437.20

REMARKS:

SERVICE

CMT 8 3/4 Surface Csg with 550 SKS  
ALW + 390cc 4# Flo-seal + 150 SKS  
Class A + 290gel 390cc Drop Plug  
Displace 107 BBL Land Plug  
Float did not hold close in Head  
Cement did circulate. ✓

DEPTH OF JOB	<u>1719</u>		
PUMP TRUCK CHARGE			<u>1080.00</u>
EXTRA FOOTAGE		@	
MILEAGE	<u>30 mi</u>	@	<u>2.85</u>
PLUG	<u>8 3/4 Rubber</u>	@	<u>90.00</u>
		@	
		@	
		@	

RELEASED  
MAY 07 2001

TOTAL 1255.50

CHARGE TO: Harris Oil & Gas

STREET 1125 17th St #2290

CITY Demmon STATE Colo ZIP 80202

FROM CONFIDENTIAL  
Wichita Kansas FLOAT EQUIPMENT

1- 8 3/4 Guide SHoc	@	<u>188.00</u>
1- 8 3/4 AFU Insert	@	<u>236.00</u>
1- Thread Lock	@	<u>30.00</u>
	@	
	@	

TOTAL 454.00

To Allied Cementing Co., Inc.  
 You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side.

TAX \_\_\_\_\_

TOTAL CHARGE 9146.70

DISCOUNT 1829.34 IF PAID IN 30 DAYS

SIGNATURE T J Diseker

T J Diseker  
PRINTED NAME

# GENERAL TERMS AND CONDITIONS

**DEFINITIONS:** In these terms and conditions, "Allied" shall mean Allied Cementing Co., Inc., and "Customer" shall refer to the party identified by that term on the front of this contract. As applicable, "Job" relates to the services described on the front side of this contract, "merchandise" refers to the material described on the front of this contract and to any other materials, products, or supplies used, sold, or furnished under the requirements of this contract.

—**TERMS:** Unless satisfactory credit has been established, "CUSTOMER" must tender full cash payment to "ALLIED" before the job is undertaken or merchandise is delivered. If satisfactory credit has been established, the terms of payment for the job and/or merchandise, including bulk cement, are net cash, payable in 30 days from the completion of the job and/or delivery of the merchandise. For all past due invoices, "CUSTOMER" agrees to pay interest on amounts invoiced at a rate of 18 percent per annum until paid. Notwithstanding the foregoing, in no event shall this Contract provide for interest exceeding the maximum rate of interest that "CUSTOMER" may agree to pay under applicable law. If any such interest should be provided for, it shall be and hereby is deemed to be a mistake, and this contract shall be automatically reformed to lower the rate of interest to the maximum legal contract rate, any amounts previously paid as excess interest shall be deducted from the amounts owing from the "CUSTOMER" or at the option of "ALLIED," refunded directly to "CUSTOMER." For purposes of this paragraph, ALLIED and CUSTOMER agree that KANSAS law shall apply. Any discounts granted with this contract are null and void if the charges are not paid when due.

—**ATTORNEY FEES:** In any legal action or proceeding between the parties to enforce any of the terms of this Service Contract, or in any way pertaining to the terms of this Contract, the prevailing party shall be entitled to recover all expenses, including, but not limited to, a reasonable sum as and for attorney's fees.

—**PRICES AND TAXES:** All merchandise listed in "ALLIED'S" current price schedule are F.O.B. ALLIED'S local station and are subject to change without notice. All prices are exclusive of any federal, state, local, or special taxes for the sale or use of the merchandise or services listed. The amount of taxes required to be paid by ALLIED shall be added to the quoted prices charged to CUSTOMER.

—**TOWING CHARGES:** ALLIED will make a reasonable attempt to get to and from each job site using its own equipment. Should ALLIED be unable to do so because of poor or inadequate road conditions, and should it become necessary to employ a tractor or other pulling equipment to get to or from the job site, the tractor or pulling equipment will be supplied by CUSTOMER or, if furnished by ALLIED, will be charged to and paid by CUSTOMER.

—**PREPARATION CHARGES:** If a job and/or merchandise is ordered and CUSTOMER cancels the order after preparation of a chemical solution or other material, CUSTOMER will pay ALLIED for the expenses incurred by ALLIED as a result of the cancellation.

—**DEADHAUL CHARGES:** Unless otherwise specified on the front of this Contract, a deadhaul charge as set forth in ALLIED'S current price book will be charged each way for each service unit which is ordered by CUSTOMER but not used.

—**SERVICE CONDITIONS AND LIABILITIES:** ALLIED carries public liability and property damage insurance, but since there are so many uncertain and unknown conditions beyond ALLIED'S control, ALLIED shall not be liable for injuries to property or persons or for loss or damage arising from the performance of the job or delivery of the merchandise. Customer shall be responsible for and indemnify, defend, and hold harmless ALLIED, its officers, agents and employees, from and against any and all claims or suits for:

(A) Damage to property or for bodily injury, sickness, disease, or death, brought by any person, including CUSTOMER and/or the well owner; and:

(B) Oil spills, pollution, surface or sub-surface damage, injury to the well, reservoir loss, or damage arising from a well blowout arising out of or in connection with ALLIED'S performance of the job or furnishing of merchandise in accordance with this contract, unless such loss or damage is caused by the willful misconduct or gross negligence of ALLIED or its employees.

2. With respect to any of ALLIED'S tools, equipment, or instruments which are lost in the well or damaged when performing or attempting to perform the job or, in the case of marine operations, are lost or damaged at any time after delivery to the landing for CUSTOMER and before return to ALLIED at the landing, CUSTOMER shall either recover the lost item without cost to ALLIED or reimburse ALLIED the current replacement cost of the item unless the loss or damage results from the sole negligence of ALLIED or its employees.

3. ALLIED does not assume any liability or responsibility for damages or conditions resulting from chemical action in cements caused by contamination of water or other fluids.

**WARRANTIES:** 1. ALLIED warrants all merchandise manufactured or furnished by it to be free from defects in material and workmanship under normal use and service when installed, and used, and/or serviced in the manner provided and intended. ALLIED'S obligation under this warranty is expressly limited to repair, replacement, or allowance for credit, at its option, for any merchandise which is determined by ALLIED to be defective. THIS IS THE SOLE WARRANTY OF ALLIED AND NO OTHER WARRANTY IS APPLICABLE, EITHER EXPRESS OR OTHERWISE IMPLIED, IN FACT OR IN LAW, INCLUDING ANY WARRANTY AS TO MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE, CUSTOMER'S sole and only remedy with regard to any defective merchandise shall be the repair or replacement thereof or allowance for credit as herein provided, and ALLIED shall not be liable for any consequential, special, incidental, or punitive damages resulting from or caused by defective materials, products or supplies.

2. More specifically:

(A) Nothing in this contract shall be construed as a warranty by ALLIED of the success or the effectiveness of the result of any work done or merchandise used, sold, or furnished under this contract.

(B) Nothing in this contract shall be construed as a warranty of the accuracy or correctness of any facts, information, or data furnished by ALLIED or any interpretation of tests, meter readings, chart information, analysis of research, or recommendations made by ALLIED, unless the inaccuracy or incorrectness is caused by the wilful misconduct or gross negligence of ALLIED or its employees in the preparation or furnishing of such facts, information or data.

(C) Work done by ALLIED shall be under the direct supervision and control of the CUSTOMER or his agent and ALLIED will accomplish the job as an independent contractor and not as an employee or agent of the CUSTOMER.

REGION North America	NWA/COUNTRY MidCont. USA	BDA / STATE OK	COUNTY Morton
MBU ID / EMP # MCL10110 106328/H3115	EMPLOYEE NAME Nick Karbe	PSL DEPARTMENT Harold Frauli	
LOCATION Liberal	COMPANY Harris oil & Gas	CUSTOMER REP / PHONE Harold Frauli	
TICKET AMOUNT \$15971.87	WELL TYPE 02	API / UWI #	
WELL LOCATION East Richfield	DEPARTMENT Cement	JOB PURPOSE CODE 035	
LEASE / WELL # Tahas 1-1324	SEC / TWP / RNG 24-32S-41W		

HES EMP NAME/EMP#/(EXPOSURE HOURS) HRS	HES EMP NAME/EMP#/(EXPOSURE HOURS) HRS	HES EMP NAME/EMP#/(EXPOSURE HOURS) HRS	HES EMP NAME/EMP#/(EXPOSURE HOURS) HRS
N. Karbe 106328 10 1/2 H3115			
B. Tomlinson 106121 10 1/2 J1832			
J. Bunn 10 1/2 M5870			
D. Fulk 10 1/2 J0763			

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HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES
421270	125						
54219/78299	125						
52276/75917	60						

JUN 15 1999

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Form Name \_\_\_\_\_ Type: \_\_\_\_\_  
 Form Thickness \_\_\_\_\_ From \_\_\_\_\_ To \_\_\_\_\_  
 Packer Type \_\_\_\_\_ Set At \_\_\_\_\_  
 Bottom Hole Temp. \_\_\_\_\_ Pressure \_\_\_\_\_  
 Misc. Data \_\_\_\_\_ Total Depth \_\_\_\_\_

DATE	CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
	2-28-99	2-28-99	3-1-99	3-1-99
TIME	2030	2300	0200	0800

**TOOLS AND ACCESSORIES**

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

**WELL DATA**

	NEW/USED	WEIGHT	SIZE	FROM	TO	MAX ALLOW
Casing	N	105	4 1/2	0	5339	2000
Liner						
Liner						
Tbg/D.P.						
Tbg/D.P.						
Open Hole						SHOTS/FT.
Perforations						
Perforations						
Perforations						

**MATERIALS**

Treat Fluid	Density	Lb/Gal
Disp. Fluid	Density	Lb/Gal
Prop. Type	Size	Lb.
Prop. Type	Size	Lb.
Acid Type	Gal.	%
Acid Type	Gal.	%
Surfactant	Gal.	ln
NE Agent	Gal.	ln
Fluid Loss	Gal/Lb	ln
Gelling Agent	Gal/Lb	ln
Fric. Red.	Gal/Lb	ln
Breaker	Gal/Lb	ln
Blocking Agent	Gal/Lb	
Perfpac Balls	Qty.	
Other		
Other		
Other		
Other		

HOURS ON LOCATION		OPERATING HOURS		DESCRIPTION OF JOB
DATE	HOURS	DATE	HOURS	
			2 hr	035
RELEASED				
MAY 07 2001				
-ROM CONFID				
<b>TOTAL</b>		<b>TOTAL</b>		
		2 hr		

**HYDRAULIC HORSEPOWER**

ORDERED	Avail.	Used
TREATED	AVERAGE RATES IN BPM	Overall
FEET	CEMENT LEFT IN PIPE	Reason
33		shjt

**CEMENT DATA**

STAGE	SACKS	CEMENT	BULK/SKS	ADDITIVES	YIELD	LBS/GAL
1L	140	3/4 Box H	B	2% gel, 5# Calseal, 5# Gilonite, 10% salt, 5% H.322	150	138
1T	100	" "	B	" " " "		153 14
2L	100	MC PP	B	2% CC, 4# Hacer	2.9	11.9
2T	170	" "	B	" " " "	1.84	13.2

Circulating	Displacement	Preflush:	Gal - BBI	Type
Breakdown	Maximum	Load & Bkdn:	Gal - BBI	Pad: BBI - Gal
Average	Frac Gradient	Treatment	Gal - BBI	Disp: BBI - Gal
Shut In: Instant	5 Min	Cement Slurr	Gal - BBI	
	15 Min	Total Volume	Gal - BBI	

Frac Ring #1 \_\_\_\_\_ Frac Ring #2 \_\_\_\_\_ Frac Ring #3 \_\_\_\_\_ Frac Ring #4 \_\_\_\_\_

THE INFORMATION STATED HEREIN IS CORRECT

CUSTOMER'S REPRESENTATIVE SIGNATURE: *Harold Frauli*

REGION North America	NWA/COUNTRY MidCont U.S.A.	BDA / STATE Ks	COUNTY Morton
MBU ID / EMP # MCL10110 106328/H3115	EMPLOYEE NAME Nick Korbe	PSL DEPARTMENT Z1	
LOCATION Liberal	COMPANY Harris Oil & Gas	CUSTOMER REP / PHONE Harold Frawli	
TICKET AMOUNT \$15971.87	WELL TYPE 02	API / UWI #	
WELL LOCATION East Richfield	DEPARTMENT Cement	JOB PURPOSE CODE 035	
LEASE / WELL # Johas #1-1324	SEC / TWP / RNG 24-32S-41W		

HES EMP NAME/EMP#/(EXPOSURE HOURS)   HRS	HES EMP NAME/EMP#/(EXPOSURE HOURS)   HRS	HES EMP NAME/EMP#/(EXPOSURE HOURS)   HRS	HES EMP NAME/EMP#/(EXPOSURE HOURS)   HRS
N. Korbe 106328 10 1/2 H3115			KCC
B. Tamplin 106121 10 1/2 J1832			
J. Buda 10 1/2 M5870			
D. Fulk 10 1/2 J0763			

JUN 15 1999

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL)(GAL)	PUMPS		PRESS. (psi)		JOB DESCRIPTION / REMARKS
				T	C	Tbg	Csg	
	0830							called out
	2300							of loc Held safety atg setup trks
	2310							STFE
	0105							Drop Ball
	0115							Break circ
	0120							mix pre flushes
	0158					2000		Test lines
	0201	5	0			250		st wtr
	0202	5	5/0			250		st CC wtr
	0203	5	8/0			250		st wtr
	0205	5	5/0			250		st S. F.
	0207	5	10/0			275		st wtr
	0208	7	5/0			275		st head cnt 140 sks @ 13.8#
	0213	6	37/0			250		st tail cnt 100 sks @ 14#
	0218		27					end cnt
	0220							wash pump & line
	0222							release plug
	0224	6	0			100		st disp wtr
	0229	6	30/0					mud
	0231	6	3/3			250		catch cnt
	0235	2	47			450		slow rate
	0240	2	55			500/1000		Bump Plug
	0241							release pres
	0247							float held
	0302	3	3			825		drop opening plug open DV Tool circ 4 hrs 2nd stage
	0659					2000		Test lines
	0705	5	0			150		st Kcl
	0712	6.5	5/0			150		st head cnt 100 sks @ 11.4#
	0720	6.5	52/0			120		st Tail cnt 170 sks @ 13.2#
	0729		56					end cnt
	0730							wash pump & line
	0732							release plug
	0733	5.5	0			100		st disp
	0742	2	48			400		slow rate
	0747		58			450		Bump plug
	0748					2000		close DV / release pres / DV closed plug R.H. & M.H.

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CONSERVATION DIVISION  
Wichita, Kansas

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