

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

Operator: License # 9953

Name: Harris Oil and Gas Company

Address 1125 17th St., Suite 2290

City/State/Zip Denver, CO 80302

Purchaser: Amoco

Operator Contact Person: Doug Hoisington

Phone (303) 293-8838

Contractor: Name: Cheyenne Drilling Company

License: 5382

Wellsite Geologist: Rick Hall

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 \_\_\_\_\_ PBSD  
 Commingled  Docket No. \_\_\_\_\_  
 Dual Completion  Docket No. \_\_\_\_\_  
 Other (SWD or Inj?)  Docket No. \_\_\_\_\_

5/13/99 5/22/99 7/14/99  
Spud Date Date Reached TD Completion Date

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JUL 13 1999

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RECEIVED TELETYPE UNIT  
JUL 15 1999  
OIL & GAS CONSERVATION DIVISION  
WICHITA, KANSAS

API NO. 15- 129-21586-0000

County Morton  
N & 100' E of \_\_\_\_\_  
NW-NW Sec. 15 Twp. 32S Rge. 40 E/W

577 Feet from S (circle one) Line of Section

820 Feet from E (circle one) Line of Section

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

Lease Name BFC Warring Trust Well # 15-11

Field Name Kinsler

Producing Formation Wabaunsee

Elevation: Ground 3320' KB 3330'

Total Depth 5650' PBSD 3480'

Amount of Surface Pipe Set and Cemented at 1525 Feet

Multiple Stage Cementing Collar Used?  Yes  No

If yes, show depth set N/A Feet

If Alternate II completion, cement circulated from N/A

feet depth to \_\_\_\_\_ w/ \_\_\_\_\_ sx cmt.

Drilling Fluid Management Plan Alt. 1 8-12-99 U.C.  
(Data must be collected from the Reserve Pit)

Chloride content 1000 ppm Fluid volume 500 bbls

Dewatering method used Air Evaporation

Location of fluid disposal if hauled offsite: N/A

Operator Name RELEASED

Lease Name \_\_\_\_\_ License No. \_\_\_\_\_

Quarter Sec. NE 1/4 Twp. 32S Rng. 40E W

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

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 [Signature]  
Title Operations Manager Date 7/12/99

Subscribed and sworn to before me this 12<sup>th</sup> day of July, 1999.

Notary Public Sammy L. Herman

Date Commission Expires March 31, 2001

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)

Operator Name Harris Oil and Gas Company Lease Name BFC Warring Trust Well # 15-11

Sec. 15 Twp. 32S Rge. 40  East  West County Morton

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

Drill Stem Tests Taken  Yes  No (Attach Additional Sheets.)

Samples Sent to Geological Survey  Yes  No

Cores Taken  Yes  No

Electric Log Run  Yes  No (Submit Copy.)

List All E.Logs Run:

CNS/PDS ACBL  
DIS/BCA  
DIS/MLS

Log Formation (Top), Depth and Datums  Sample

Name	Top	Datum
Wabaunsee	2915	+410
Topeka	3153	+177

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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
Surface	12 1/4"	8 5/8"	24	1525	Premium Plus	470	2% CaCl, 1/4# Flocele
Production	7 7/8"	4 1/2"	11.6	3515	Midcon/50/50 poz mix	80/170	2% CaCl, 1/4# Flocele, 5# Gal Seal, 5# Gilsonite, 10% NaCl, .5% 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
	See Attached	RECEIVED STATE OF KANSAS JUL 15 1999 CONSERVATION DIVISION WICHITA KANSAS

TUBING RECORD	Size	Set At	FROM CONFIDENTIAL	Line# Run	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
	2 3/8"	3020'	None		

Date of First, Resumed Production, SWD or Inj.	Producing Method
7/14/99	<input checked="" type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	-0-	150	-0-	N/A	N/A

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

METHOD OF COMPLETION:  Open Hole  Perf.  Dually Comp.  Commingled Wabaunsee

Production Interval:  Other (Specify) \_\_\_\_\_

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Perforations

Treatment

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3356'-3367'  
CIBP @ 3320' w/ 1 sx cement

Acidize all perms w/ 4500 gal 7 1/2% FE  
Re-acidize w/ 2000 gal 7 1/2% FE  
Perfs @ 3058'-3064'

3214'-3226'  
3194'-3197'  
3058'-3064'  
CIBP @ 3038' w/ 1 sx cement

3194'-3197'  
3214'-3226'

2992'-2994'  
2981'-2987'  
2960'-2963'  
2950'-2953'  
2934'-2937'  
2916'-2922'

RELEASED

MAR 28 2001

FROM CONFIDENTIAL

RECEIVED  
STATE CORPORATION COMMISSION

JUL 15 1999

CONSERVATION DIVISION  
Wichita, Kansas

JOB # **MARY**

ORDER NO. 70005

TICKET #

**6.514**

**ORIGINAL**

TICKET DATE

**7-99**

REGION <b>North America</b>	NWA/COUNTRY <b>USA</b>	BDA / STATE <b>K.S.</b>	COUNTY <b>MORTON</b>
MBU ID / EMP # <b>MCLE0103 106304</b>	EMPLOYEE NAME <b>TYLE DAVIS</b>	PSL DEPARTMENT <b>ZI</b>	
LOCATION <b>Liberon KS.</b>	COMPANY <b>Cheyenne Drilling</b>	CUSTOMER REP / PHONE <b>Ph. 1 Loyd</b>	<b>KCC</b>
TICKET AMOUNT	WELL TYPE <b>02</b>	API/UWI #	
WELL LOCATION <b>Land n.w Kollu</b>	DEPARTMENT <b>ZI</b>	JOB PURPOSE CODE <b>210</b>	<b>JUL 13 1999</b>
LEASE / WELL # <b>WYNNY TRACT #1</b>	SEC / TWP / RRG <b>15-32-40</b>		<b>CONFIDENTIAL</b>

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
<b>J. DAVIS 106304</b>			
<b>S. Engel 106044</b>			
<b>D. Fulk 106104</b>			
<b>J. Bundy 105870</b>			

HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES
<b>54218-78202</b>	<b>35</b>						
<b>52947-6612</b>	<b>15</b>						

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
<b>5-13-99</b>	<b>1630</b>	<b>5-13-99</b>	<b>1930</b>	<b>5-14-99</b>
			<b>0130</b>	<b>0230</b>

### TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY	MAKE
Float Collar <b>34512 8 3/4</b>	<b>1</b>	<b>H</b>
Float Shoe		
Guide Shoe		<b>0</b>
Centralizers <b>SH</b>	<b>3</b>	
Bottom Plug		<b>W</b>
Top Plug <b>SW</b>	<b>1</b>	
Head <b>P.C.</b>	<b>1</b>	<b>L</b>
Packer		
Other		<b>0</b>

### WELL DATA

	NEW/USED	WEIGHT	SIZE	FROM	TO	MAX ALLOW
Casing	<b>N.</b>	<b>24</b>	<b>8 5/8</b>	<b>40</b>	<b>1534</b>	
Liner						
Liner						
Tbg/D.P.						
Tbg/D.P.						
Open Hole						<b>SHOTS/FT.</b>
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.	In
NE Agent	Gal.	In
Fluid Loss	Gal/Lb	In
Gelling Agent	Gal/Lb	In
Fric. Red.	Gal/Lb	In
Breaker	Gal/Lb	In
Blocking Agent	Gal/Lb	
Perfpac Balls	Qty.	
Other		
Other		
Other		
Other		

HOURS ON LOCATION		OPERATING HOURS		DESCRIPTION OF JOB
DATE	HOURS	DATE	HOURS	
				<b>CMR</b>
				<b>8 5/8</b>
				<b>5 1/2</b>
				<b>CONFIDENTIAL</b>
				<b>JUL 13 1999</b>
<b>TOTAL</b>		<b>TOTAL</b>		

ORDERED \_\_\_\_\_ HYDRAULIC HORSEPOWER (WICHITA DIVISION)  
 Avail. \_\_\_\_\_ Wichita, KS Used  
 TREATED \_\_\_\_\_ AVERAGE RATES IN BPM  
 Disp. \_\_\_\_\_ Overall \_\_\_\_\_  
 FEET **44** CEMENT LEFT IN PIPE  
 Reason **ST**

### CEMENT DATA

STAGE	SACKS	CEMENT	BULK/SKS	ADDITIVES	YIELD	LBS/GAL
<b>1</b>	<b>32.5</b>	<b>P+L+</b>	<b>B</b>	<b>270cc 1/4" FLOP</b>	<b>2.06</b>	<b>123</b>
<b>1</b>	<b>150</b>	<b>P+</b>	<b>B</b>	<b>270cc 1/4" FLO</b>	<b>1.32</b>	<b>14.8</b>

Circulating Breakdown _____	Displacement _____	Preflush: Gal - BBI _____	Type _____
Average _____	Maximum _____	Load & Bkdn: Gal - BBI _____	Pad: BBI - Gal _____
Shut In: Instant _____	Frac Gradient _____	Treatment Gal - BBI _____	Disp: BBI - Gal <b>95</b>
	5 Min _____ 15 Min _____	Cement Slurr (Gal - BBI) <b>1191</b>	<b>35 FL</b>
		Total Volume Gal - BBI _____	

REGION <b>North America</b>	NW/COUNTRY <b>USA</b>	BDA / STATE <b>TX</b>
MBU ID / EMP # <b>1013111</b>	EMPLOYEE NAME <b>Tyce Scott</b>	PSL DEPARTMENT <b>25</b>
LOCATION <b>1013111</b>	COMPANY <b>HALLIBURTON</b>	CUSTOMER REP / PHONE <b>KCC</b>
TICKET AMOUNT	WELL TYPE	API / UWI # <b>1013111</b>
WELL LOCATION <b>1013111</b>	DEPARTMENT <b>75</b>	JOB PURPOSE CODE <b>753</b>
LEASE / WELL # <b>1013111</b>	SEC / TWP / RNG <b>1013111</b>	

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
Tyce Scott 1013111							

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL)(GAL)	PUMPS		PRESS. (psi)		JOB DESCRIPTION / REMARKS
				T	C	Tbg	Csg	
	1630							called out for job.
	1730							on log rig making short trip
	2030							D.P. on BOH call.
	2105							SHUT SB DP
	2220							OUT OF hole w/d.p. n. 9 up casals.
	2300							Start 89FCSB C.F.E.
	052							CSB on BOH Hook up & 5th p.u. & call rxsh.
	059							blk call w/11.9.
	0100							call to pit
	0114							thru call hook from to p.r.
	0116					1500		psi test Iron.
	0128	6.5	119		✓	1800		pump 32.5x rft at 12.3"
	0145	6.0	3.5		✓	200		pump 150x rft at 14.2"
	0151	0	1.54		✓	0		shut down drop plug.
	0152	7.0	9.5		✓	100		pump disp.
	0202	7.0	9.5		✓	200		50bbls in cmt to pit ✓
	0207	2.0	9.5		✓	400		85 bbls in sio area
	0212	2.0	9.5		✓	450 600		land plug.
	0214	0	9.5		✓	450		close in p.c.
	0230							job over
								Thanks for calling HES.
								Tyce Scott crew
								45 bbl cmt to pit
								1235x cmt to pit

RECEIVED  
 STATE DEPARTMENT OF TRANSPORTATION  
 JUL 15 1999  
 CORROSION DIVISION  
 Austin, Texas

RELEASED  
 MAR 28 2001  
 FROM CONFIDENTIAL



**CONFIDENTIAL**

TICKET # **71866 ORIGINAL** TICKET DATE **5-22-99**

REGION <b>North America</b>	NWA/COUNTRY <b>MidCoast USA</b>	BDA / STATE <b>Ks</b>	COUNTY <b>Morton</b>
MBU ID / EMP # <b>MCL1010 106328</b>	EMPLOYEE NAME <b>Nick Korbe</b>	PSL DEPARTMENT <b>21</b>	
LOCATION <b>Liberal</b>	COMPANY <b>Harris Oil &amp; Gas</b>	CUSTOMER REP / PHONE <b>Harold Frauli</b>	
TICKET AMOUNT <b>\$8338.57</b>	WELL TYPE <b>02</b>	API / UWI #	<b>KCC</b>
WELL LOCATION <b>10N14W3N0P Rolla</b>	DEPARTMENT <b>Cement</b>	JOB PURPOSE CODE <b>035</b>	<b>JUL 15 1999</b>
LEASE / WELL # <b>Warring Trust #1</b>	SEC / TWP / RNG <b>15-325-40W</b>		

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)
<b>N. Korbe 106328 8 1/2</b>			
<b>B. Tomlinson 106121 8 1/2</b>			
<b>D. Fulk 106109 9 1/2</b>			

HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES
<b>421270</b>	<b>116</b>						
<b>54219/78299</b>	<b>116</b>						
<b>52947/6612</b>	<b>50</b>						

**ACO-1 COPY**

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
	<b>5-22-99</b>	<b>5-22-99</b>	<b>5-22-99</b>	<b>5-22-99</b>
TIME	<b>1330</b>	<b>1700</b>	<b>2315</b>	<b>2345</b>

TOOLS AND ACCESSORIES		
TYPE AND SIZE	QTY	MAKE
Float Collar <b>DisserT Filter</b>	<b>1</b>	<b>H</b>
Shot Shoe <b>Plr shoe</b>	<b>1</b>	<b>H</b>
Guide Shoe <b>latchdown</b>	<b>1</b>	<b>H</b>
Centralizers <b>S-4</b>	<b>8</b>	<b>H</b>
Bottom Plug		
Top Plug <b>latchdown plug</b>	<b>1</b>	<b>H</b>
Head		
Packer		
Other		

WELL DATA						
	NEW/USED	WEIGHT	SIZE	FROM	TO	MAX ALLOW
Casing	<b>U</b>	<b>116/105</b>	<b>4 1/2</b>	<b>0</b>	<b>3514</b>	<b>2500</b>
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.	in
NE Agent	Gal.	in
Fluid Loss	Gal/Lb	in
Gelling Agent	Gal/Lb	in
Fric. Red.	Gal/Lb	in
Breaker	Gal/Lb	in
Blocking Agent	Gal/Lb	in
Perfpac Balls	Qty.	
Other		
Other		
Other		
Other		

HOURS ON LOCATION		OPERATING HOURS		DESCRIPTION OF JOB
DATE	HOURS	DATE	HOURS	
<b>5-22-99</b>	<b>8 1/2 hrs</b>	<b>5-22-99</b>	<b>1 hr</b>	<b>035</b>
<b>TOTAL</b>	<b>8 1/2 hrs</b>	<b>TOTAL</b>	<b>1 hr</b>	

ORDERED	HYDRAULIC HORSEPOWER
	Avail. _____ Used _____
TREATED	AVERAGE RATES IN BPM
	Disp. _____ Overall _____
FEET <b>35'</b>	CEMENT LEFT IN PIPE
	Reason <b>sh. jt.</b>

STAGE	SACKS	CEMENT	BULK/SKS	ADDITIVES	YIELD	LBS/GAL
<b>L</b>	<b>80</b>	<b>MidCoast "C"</b>	<b>B</b>	<b>2% C.C., 1/2# Flocalc</b>	<b>2.92</b>	<b>11.4"</b>
<b>T</b>	<b>170</b>	<b>50 lb "H"</b>	<b>B</b>	<b>1/2 gal, 5% calsal, 5% Gilsonite, 10% salt, 0.5% Hualad-328</b>	<b>1.52</b>	<b>13.8"</b>

Circulating _____	Displacement _____	Preflush: Gal - BBI _____	Type _____
Breakdown _____	Maximum _____	Load & Bkdn: Gal - BBI _____	Pad: BBI - Gal _____
Average _____	Frac Gradient _____	Treatment Gal - BBI _____	Disp: BBI - Gal <b>54</b>
Shut In: Instant _____	5 Min _____ 15 Min _____	Cement Slurr Gal - BBI <b>42,46</b>	
		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 **H. Frauli**



CONFIDENTIAL

TICKET # 71866 ORIGINAL  
DATE 5-22-99

JOB LOG 4239-5

REGION North America	NWA/COUNTRY MidCont USA	BDA / STATE Ks	COUNTY Monten
MBU ID / EMP # MCL10110 106328	EMPLOYEE NAME Nick Korbe	PSL DEPARTMENT 21	
LOCATION Liberal	COMPANY Harris Oil & Gas	CUSTOMER REP / PHONE Harold Franko	
TICKET AMOUNT \$ 8338.57	WELL TYPE 02	API / UWI # KCC	
WELL LOCATION NW 1/4, 3rd of Rella	DEPARTMENT Cement	JOB PURPOSE CODE 035	JUL 13 1999
LEASE / WELL # Warring Tr-Unit #1	SEC / TWP / RNG 15-32S-40W		CONFIDENTIAL

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 8 1/2			
B. Tomlinso 106121 8 1/2			
D. Fulk 106109 8 1/2			

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL)(GAL)	PUMPS		PRESS. (psl)		JOB DESCRIPTION / REMARKS
				T	C	Tbg	Csg	
	1330							called out
	1700							on loc
								Held safety mtg
								set up trks
	2100							st F.E.
	2230							drop 1 1/2 ball
	2235							circ
	2306							drop pkr set ball
	2312					2500		Test lines
	2323	1	0			1200		set pkr
	2324	8	510			300		st head 80 sks @ 11.4"
	2331	8	9210			275		st Tail 170 sks @ 13.8"
	2337		46					end
	2338							wash pump & line
	2339							release plug
	2341	8.5	0			150		st disp
	2345	8	31			250		catch cement
	2346	2.5	45			300		slow rate
	2350	2.5	54			500		Bump plug
	2352					1200		rel press
								float held

AGO-1 COPY

Job complete  
Thank you  
Nick & crew

RELEASED

MAR 28 2001

FROM COMMISSIONER

RECEIVED  
STATE DEPARTMENT OF REVENUE

JUL 15 1999

Wichita, Kansas



CONFIDENTIAL

Work Order Contract

KCC

ORIGINAL

HALLIBURTON

Halliburton Energy Services, Inc. Houston Texas 77056

JUL 13 1999

Order Number

71866

CONFIDENTIAL

70012 SAP

TO: HALLIBURTON ENERGY SERVICES, INC. - YOU ARE HEREBY REQUESTED TO FURNISH EQUIPMENT AND SERVICE PERSONNEL TO DELIVER AND OPERATE THE SAME AS AN INDEPENDENT CONTRACTOR TO CUSTOMER LISTED BELOW AND DELIVER AND SELL PRODUCTS, SUPPLIES AND MATERIALS FOR THE PURPOSE OF SERVICING:

Well No. #1	Farm or Lease Warring Trust	County Morton	State Ks	Well Permit #
Customer Harris Oil + Gas	Well Owner Same	Job Purpose	035	

THIS WORK ORDER MUST BE SIGNED BEFORE WORK IS COMMENCED

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 Energy Services, Inc. (hereinafter "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, or Halliburton's actual attorneys fees, whichever is greater, plus all collection and court costs. Customer agrees that the amount of attorney fees set out herein are reasonable and necessary.

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 or which are co-interest owners or joint ventures with Customer. Customer also agrees to DEFEND, INDEMNIFY, AND HOLD HARMLESS Halliburton Group 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 contamination 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 any member or members of the 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 Energy Services, Inc., its parent, subsidiary, and affiliated companies, insurers and subcontractors and all its/their officers, directors, employees, consultants 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. Customer agrees to support such obligations assumed herein with liability insurance with limits of not less than \$500,000. Customer agrees to name Halliburton Group as named additional insureds on all of its general liability policy(s). Customer agrees that its liability under this Contract is not limited by the amount of its insurance coverage, except where and as may be required by applicable local law for the provisions of this Contract to be enforceable.

D. EQUIPMENT LIABILITY - Customer shall at its risk and expense attempt to recover any Halliburton Group 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 Group. Customer shall be responsible for damage to or loss of Halliburton group 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 group 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 Contract and that same are free from defects in workmanship and materials for thirty (30) days from the 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 GROUP. Halliburton personnel will use their best efforts in gathering such information and their best judgment in interpreting it, but Customer agrees that Halliburton Group 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 or caused by the active or passive negligence, fault or strict liability of any member or members of Halliburton Group. 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 Contract shall be determined by the laws of the jurisdiction where the services are performed or the equipment or materials are delivered.

G. DISPUTE RESOLUTION - Customer and Halliburton agree that any dispute that may arise out of the performance of this Contract shall be resolved by binding arbitration by a panel of three arbitrators under the rules of the American Arbitration Association. The arbitration will take place in Houston, TX.

H. SEVERABILITY - If any provision or part thereof of this Contract shall be held to be invalid, void, or of no effect for any reason, such holding shall not be deemed to affect the validity of the remaining provisions of this Contract which can be given effect, without the invalid provision or part thereof, and to this end, the provisions of this Contract are declared to be severable. Customer and Halliburton agree that any provision of this Contract that is unenforceable or void under applicable law will be modified to achieve the intent of the parties hereunder to the greatest extent allowed by applicable law.

I. MODIFICATIONS - Customer agrees that Halliburton shall not be bound by any modifications to this Contract, 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, 4100 Clinton Drive, Houston, TX. 77020.

I HAVE READ AND UNDERSTAND THIS WORK ORDER CONTRACT WHICH CONTAINS RELEASE AND INDEMNITY LANGUAGE WHICH CUSTOMER ACKNOWLEDGES IS CONSPICUOUS AND AFFORDS FAIR AND ADEQUATE NOTICE AND I REPRESENT THAT I AM AUTHORIZED TO SIGN THE SAME AS CUSTOMER'S AGENT.

SIGNED: X [Signature] DATE: 5-22-99 TIME: 1800 A.M. (P.M.)

Customer Acceptance of Materials and Services THE CUSTOMER HEREBY ACKNOWLEDGES RECEIPT OF THE MATERIALS AND SERVICES DESCRIBED ON THE ATTACHED ORDER NUMBER 71866 [Signature] RECEIVED STATE OF KANSAS COMMISSION CUSTOMER Authorized Signatory

White-Office Canary-Field Office Pink-Customer Green-Retain JUL 25 1999 CONSERVATION DIVISION Wichita, Kansas