

RECEIVED

OCT 29 2001

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1
September 1999
Form Must Be Typed

WELL COMPLETION FORM

KCC WICHITA WELL HISTORY - DESCRIPTION OF WELL & LEASE

ORIGINAL

Operator: License # 32200
Name: CIRRUS PRODUCTION COMPANY
Address: P.O. BOX 5469
City/State/Zip: ENID, OKLAHOMA 73702
Purchaser: _____
Operator Contact Person: RAY P. GILL
Phone: (580) 237-0002
Contractor: Name: KERR WELL SERVICE
License: 32722
Wellsite Geologist: N/A

Designate Type of Completion:
 New Well Re-Entry Workover
 Oil SWD SLOW Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, WSW, Expl., Cathodic, etc)

If Workover/Re-entry: Old Well Info as follows:
Operator: GULF INTERSTATE CO.
Well Name: HOUSER #1-6

Original Comp. Date: 11-13-61 Original Total Depth: 6822
 Deepening Re-perf. Conv. to Enhr./SWD
 Plug Back 3380' Plug Back Total Depth
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Enhr.?) Docket No. _____

<u>9-20-2001</u>	<u>9-22-2001</u>	<u>9-29-2001</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 025-00058-00-01
County: CLARK
SW SW Sec. 6 Twp. 31 S. R. 25 East West
660 feet from S / N (circle one) Line of Section
630 feet from E / W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW: SW
Lease Name: HOUSER Well #: 1-6 RE
Field Name: WILDCAT

Producing Formation: COUNCIL GROVE
Elevation: Ground: 2579 Kelly Bushing: 2593
Total Depth: 6822 Plug Back Total Depth: 3380
Amount of Surface Pipe Set and Cemented at 2701 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set _____ Feet
If Alternate II completion, cement circulated from _____
feet depth to _____ w/ _____ sx cmt.

Drilling Fluid Management Plan DFA 11/7/01 AB
(Data must be collected from the Reserve Pit)
Chloride content VERY LOW ppm Fluid volume _____ bbls
Dewatering method used USED FRESH WATER IN PIT

Location of fluid disposal if hauled offsite:
Operator Name: N/A
Lease Name: _____ License No.: _____
Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West
County: _____ Docket No.: _____

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 of 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: R. P. Gill
Title: PRESIDENT Date: 10-22-2001
Subscribed and sworn to before me this 22nd day of October, 2001
Notary Public: Allison D. Hainlip
Date Commission Expires: September 20, 2004

KCC Office Use ONLY

Letter of Confidentiality Attached
 If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution

KCC

Operator Name: CIRRUS PRODUCTION COMPANY Lease Name: HOUSER Well #: 1-6 RE
 Sec. 6 Twp. 31 S. R. 25 East West County: CLARK

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems 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 test, along with final chart(s). Attach extra sheet if more space is needed. Attach copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Submit Copy)</i> List All E. Logs Run: <p style="text-align: center;">CEMENT BOND LOG W/ GAMMA RAY</p>	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum <div style="text-align: center; font-size: 1.2em; font-weight: bold;"> RECEIVED OCT 29 2001 KCC WICHITA </div>
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CASING RECORD <input 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
PRODUCTION	7 7/8"	4 1/2"	14.6	3438	CLASS H	180	

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
2 SPF	3311-3318 (7')	750 GAL 15% HCL W/ NEFE ACID	3311

TUBING RECORD	Size <u>2 3/8"</u>	Set At <u>3270</u>	Packer At <u>3270'</u>	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
---------------	--------------------	--------------------	------------------------	---

Date of First, Resumed Production, SWD or Enhr. <u>9-28-2001</u>	Producing Method <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input checked="" type="checkbox"/> Other (Explain) <u>SWAB</u>
---	---

Estimated Production Per 24 Hours	Oil <u>0</u> Bbls.	Gas <u>TRACE</u> Mcf <u>TSTM</u>	Water <u>624</u> Bbls.	Gas-Oil Ratio	Gravity
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Disposition of Gas Vented Sold Used on Lease *(If vented, Sumit ACO-18.)*

METHOD OF COMPLETION

Production Interval Open Hole Perf. Dually Comp. Commingled

Other (Specify) _____

		<h1>JOB SUMMARY</h1>		SALES ORDER NUMBER 1526216	TICKET DATE 09/22/01
REGION NORTH AMERICA LAND		NWA / COUNTRY USA		BDA / STATE KS	COUNTY Clark, Co
MBU ID / EMPL # MCLI0101 106322		H.E.S. EMPLOYEE NAME Danny McLane		ORIGINAL	
LOCATION Liberal, KS		COMPANY Cirrus Production Company		CUSTOMER REP / PHONE 620-629-0257	
TICKET AMOUNT \$1,138.65		WELL TYPE OIL		API/UMI #	
WELL LOCATION Flower, KS		DEPARTMENT Cement		SAP BOMB NUMBER 14144	
LEASE NAME Houser		Well No. SEC / TWP / RNG 1-6 RE 6-31S-25W		Description Cement Plug Back	
				HES FACILITY (CLOSEST TO WELL SITE) Liberal, KS	

HES EMP NAME / EMP # / (EXPOSURE HOURS)	HRS	HRS	HRS	HRS
McLane, D 106322	7.0			
Tate, N 105953	7.0			
Cochran, M 217398	7.0			
Rodriguez, S 230014	7.0			

OCT 29 2001

HES UNIT #S / (R / T MILES)	R / T MILES	R / T MILES	R / T MILES	R / T MILES
420995	120			
10251401	120			
10243558 75818	80			

Form. Name _____ Type: _____
 Form. Thickness _____ From _____ To _____
 Packer Type _____ Set At _____
 Bottom Hole Temp. _____ Pressure _____
 Retainer Depth _____ Total Depth _____

Date	Called Out	On Location	Job Started	Job Completed
	09/21/2001	09/21/2001	09/21/2001	09/22/2001
Time	1600	1900	2000	1520

Tools and Accessories

Type and Size	Qty	Make
Insert 4 1/2	1	H
Float Shoe		
Centralizers 4 1/2	8	O
Top Plug 4 1/2	1	
HEAD 4 1/2	1	w
Limit clamp 4 1/2	1	
Weld-A		C
Guide Shoe 4 1/2	1	
BTM PLUG		O

Well Data

	New/Used	Weight	Size	Grade	From	To	Max. Allow
Casing		11.6	4 1/2		0	3,437	
Liner							
Liner							
Tubing		6.5	2 7/8		0	3574.74	
Drill Pipe							
Open Hole							Shots/Ft.
Perforations							
Perforations							
Perforations							

Materials

Mud Type	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		
Other		

Hours On Location		Operating Hours		Description of Job
Date	Hours	Date	Hours	
9/21		9/21		
Total		Total		

Ordered _____ Hydraulic Horsepower Avail. _____ Used _____
 Treating _____ Average Rates in BPM Disp. _____ Overall _____
 Feet 40 Cement Left in Pipe Reason SHOE JOINT

Cement Data

Stage	Sacks	Cement	Bulk/Sks	Additives	W/Rq.	Yield	Lbs/Gal
1	30	Premulm	Bulk	2% CC	5.20	1.18	15.60
	180	Premulm	Bulk	5% Calseal 10% Salt 1/4# Poly Flake	5.91	1.33	15.4

Summary


Circulating Breakdown _____ Displacement _____ Preflush: BBI 39275.00 Type: h2o mf h2o
 _____ MAXIMUM _____ Load & Bkdn: Gal - BBI Pad: Bbl - Gal 52.6
 _____ _____ _____ _____ 53

Average Shut In: Instant _____ Frac. Gradient 5 Min. _____ 15 Min. _____ Treatment: Gal - BBI Disp: Bbl
 _____ _____ _____ _____ Cement Slurry BBI 6.3 42.6
 _____ _____ _____ _____ Total Volume BBI #VALUE!

THE INFORMATION STATED HEREIN IS CORRECT
 CUSTOMER REPRESENTATIVE _____

 SIGNATURE

ORIGINAL

 HALLIBURTON		JOB LOG		TICKET # 1526216	TICKET DATE 09/22/01
REGION NORTH AMERICA LAND		NWA / COUNTRY USA		BDA / STATE KS	COUNTY Clark, Co
MSU ID / EMPL # MCLI0101 106322		H.E.S EMPLOYEE NAME Danny McLane		PSL DEPARTMENT Cementing Services	
LOCATION Liberal, KS		COMPANY Cirrus Production Company		CUSTOMER REP / PHONE 620-629-0257	
TICKET AMOUNT \$1,138.65		WELL TYPE OIL		API/ULWI #	
WELL LOCATION Flower, KS		DEPARTMENT Cement		JOB PURPOSE CODE Cement Plug Back	
LEASE NAME Houser		Well No. 1-6 RE	SEC / TWP / RNG 6-31S-25W	HES FACILITY (CLOSEST TO WELL #) Liberal, KS	

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
McLane, D 106322	7						
Tate, N 105953	7						
Cochran, M 217398	7						
Rodriguez, S 230014	7						

Chart No.	Time	Rate (BPM)	Volume (BBL/GAL)	Rate			Job Description / Remarks
				N2	CSG	Tbg	
09-21-01	1600						Called for job
	1900						On location hold safty meeting rig running in Tbg.
							Set up trucks
							Job procedure for plug @ 3574
	2001					3500	Pressure test lines
	2002	4.5	15.0			0/375	Start fresh water ahead RECEIVED
	2013	4.5	6.3			275	Start cement @ 15.6 #
	2015	4.5	1.5			200	Start fresh water behind OCT 29 2001
	2016	5.5	18.5			35	Start mud displacement
	2020						Shut down and knock losse KCC WICHITA
	2025						Tbg pulled dry
	2200						Leave location
09-22-01	1000						Called for job
	1300						On location hold safty meeting rig running in Csg.
	1305						Csg on bottom hook up P/C and circulating iron
	1307						Start circulating and wait on water truck
	1435						Thur circulating water truck on location
	1440					0/3300	Job procedure for 4 1/2 long string and pressure test
	1441	5.0	7.0			0/210	Start fresh water ahead
	1443	5.0	12.0			225	Start mud flush
	1446	5.0	7.0			225	Start fresh water behind
	1448	5.0	42.5			225/130	Start cement @ 15.4 #
	1457						Thur mixing cement and shut down
	1459						Drop top plug and wash up pumps and lines
	1503	6.0	52.5			0/95	Start fresh water displacement
1510					95/155	Displacement caught cement	
1514	2.5				475/400	Slow down rate	
1517					495/1500	Plug landed	
1519					1500/0	Release float	
							Thank you for calling Halliburton Danny & Crew



Work Order Contract

Order Number 1526216

Halliburton Energy Services, Inc.
Houston, Texas 77056

ORIGINAL

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 BEEOW AND DELIVER AND SELL PRODUCTS, SUPPLIES AND MATERIALS FOR THE PURPOSE OF SERVICING:

Well No. 1-6 RE	Farm or Lease Houser	County Clark, Co	State KS	Well Permit Number
Customer Cirrus Production Company		Well Owner Cirrus Production Company		Job Purpose Cement Plug Back

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 Halliburton Group HARMLESS from and against any and all liability, claims, costs, expenses, attorney fees and damages whatsoever for personal injury, illness, death, property damage and loss resulting from:

loss of well control; services to control a wild well whether underground or above the surface; reservoir or underground damage, including loss of oil, gas, other mineral substances or water; surface damage arising from underground damage; damage to or loss of the well bore; subsurface trespass or any action in the nature thereof, fire, explosion; subsurface pressure; radioactivity; and pollution and 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 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 amounts of its insurance coverage, except where and as may be required by applicable local law for the provisions of this Contract to be enforceable.

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KCC WICHITA

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:

CUSTOMER Authorized Signatory

DATE:

TIME:

Customer Acceptance of Materials and Services

THE CUSTOMER HEREBY ACKNOWLEDGES RECEIPT OF THE MATERIALS AND SERVICES DESCRIBED ON THE ATTACHED ORDER NUMBER 1526216

CUSTOMER Authorized Signatory

HALLIBURTON		JOB SUMMARY		SALES ORDER NUMBER 1540536	TICKET DATE 09/28/01
REGION NORTH AMERICA LAND		NWA / COUNTRY USA		BDA / STATE KS	COUNTY CLARK
NBU ID / EMPL # MCLI0103 106304		H.E.S. EMPLOYEE NAME TYCE DAVIS		PSL DEPARTMENT Cementing Services	
LOCATION LIBERAL KS		COMPANY CIRRUS PRODUCTION CO		CUSTOMER REP / PHONE TOMMY DISEKER 629-0257	
TICKET AMOUNT \$5,823.64		WELL TYPE 02		API/MI #	
WELL LOCATION LAND EAST FOWLER KS		DEPARTMENT CEMENT		SAP BOMB NUMBER 7528	Description Cement Plug to Abandon
LEASE NAME HOUSER		Well No. 1-6RE	SEC / TWP / RNG 6-31-25	HES FACILITY (CLOSEST TO WELL SITE) LIBERAL KS.	

ORIGINAL

HES EMP NAME / EMP # / (EXPOSURE HOURS)	HRS	HRS	HRS	HRS
Davis, T - 106304	50			
Fredrick S. 106114	50			
Archuleta, M - 226383	40			

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HES UNIT #6 / (R / T MILES)	R / T MILES	R / T MILES	R / T MILES	R / T MILES
10219237	120			
10243558-75821	80			

KCC WICHITA

Form. Name _____ Type: _____
 Form. Thickness _____ From _____ To _____
 Packer Type _____ Set At _____
 Bottom Hole Temp. _____ Pressure _____
 Retainer Depth _____ Total Depth _____

Date	Called Out	On Location	Job Started	Job Completed
	9/28/01	9/28/01	9/28/01	9/28/01
Time	0900	1130	1430	1600

Tools and Accessories

Type and Size	Qty	Make
Float Collar		
Float Shoe		
Centralizers		
Top Plug		
HEAD		
Limit clamp		
Weld-A		
Guide Shoe		
BTM PLUG		

Well Data

	New/Used	Weight	Size	Grade	From	To	Max. Allow
Casing					0		
Liner							
Liner							
Tubing	USED	4.7	2 3/8		KB	2,700	
Drill Pipe							
Open Hole							Shots/Ft.
Perforations							
Perforations							
Perforations							

Materials

	Density	Lb/Gal
Mud Type		
Disp. Fluid		
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		

Hour	On Location	Operating	Hours	Description of Job
Date	9/28	Date	9/28	
Hours		Hours		
Total		Total		

Ordered _____ Hydraulic Horsepower _____ Used _____
 Treating _____ Average Rates in BPM _____ Overall _____
 Feet _____ Cement Left in Pipe _____ SHOE JOINT _____
 Reason _____

Cement Data

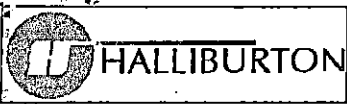
Stage	Sacks	Cement	Bulk/Sks	Additives	W/Rq.	Yield	Lbs/Gal
1	90	PREM60/40	BULK	6%GEL	8.46	1.64	13.20

Summary

Circulating Breakdown	Displacement	MAXIMUM	Preflush:	BBI	Type:	
			Load & Bkdn:	Gal - BBI	Pad:	Bbl - Gal
Average Shut In: Instant	Frac. Gradient	5 Min. 15 Min.	Treatment:	Gal - BBI	Disp:	Bbl
			Cement Slurry	BBI		
			Total Volume	BBI		10
						26.0
						35.50

THE INFORMATION STATED HEREIN IS CORRECT
 CUSTOMER REPRESENTATIVE _____

 SIGNATURE



Work Order Contract

Order Number 1540536

Halliburton Energy Services, Inc.
Houston, Texas 77056

ORIGINAL

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 BEEOW AND DELIVER AND SELL PRODUCTS, SUPPLIES AND MATERIALS FOR THE PURPOSE OF SERVICING:

Well No. 1-6RE	Farm or Lease HOUSER	County CLARK	State KS	Well Permit Number
Customer CIRRUS PRODUCTION CO		Well Owner CIRRUS PRODUCTION CO		Job Purpose Cement Plug to Abandon

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 Halliburton Group HARMLESS from and against any and all liability, claims, costs, expenses, attorney fees and damages whatsoever for personal injury, illness, death, property damage and loss resulting from:

loss of well control; services to control a wild well whether underground or above the surface; reservoir or underground damage, including loss of oil, gas, other mineral substances or water, surface damage arising from underground damage; damage to or loss of the well bore; subsurface trespass or any action in the nature thereof; fire, explosion; subsurface pressure, radioactivity, and pollution and 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 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 insured on all of its general liability policy(s). Customer agrees that its liability under this Contract is not limited by the amounts of its insurance coverage, except where and as may be required by applicable local law for the provisions of this Contract to be enforceable.

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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:

CUSTOMER Authorized Signatory

DATE: 9-28-01

TIME: 1200

Customer Acceptance of Materials and Services

THE CUSTOMER HEREBY ACKNOWLEDGES RECEIPT OF THE MATERIALS AND SERVICES DESCRIBED ON THE ATTACHED ORDER NUMBER 1540536

CUSTOMER Authorized Signatory