

KANSAS CORPORATION COMMISSION

OIL & GAS CONSERVATION DIVISION

WELL COMPLETION FORM

WELL HISTORY - DESCRIPTION OF WELL & LEASE

ORIGINAL

Form ACO-1  
September 1999  
Form Must Be Typed

Operator: License # 5293  
 Name: Helmerich & Payne, Inc.  
 Address: 1579 E. 21<sup>st</sup> Street  
 City/State/Zip: Tulsa, OK 74114  
 Purchaser: \_\_\_\_\_  
 Operator Contact Person: Sharon LaValley  
 Phone: (918) 742-5531  
 Contractor: Name: Cheyenne Drilling  
 License: 5382  
 Wellsite Geologist: \_\_\_\_\_  
 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: \_\_\_\_\_  
 Well Name: \_\_\_\_\_  
 Original Comp. Date: \_\_\_\_\_ Original Total Depth: \_\_\_\_\_  
 Deepening  Re-perf.  Conv. To Enhr./SWD  
 Plug Back \_\_\_\_\_ Plug Back Total Depth \_\_\_\_\_  
 Commingled \_\_\_\_\_ Docket No. \_\_\_\_\_  
 Dual Completion \_\_\_\_\_ Docket No. \_\_\_\_\_  
 Other (SWD or Enhr.?) \_\_\_\_\_ Docket No. \_\_\_\_\_  
03/08/01 03/01/01 05/01/01  
 Spud Date or Date Reached TD Completion Date or Recompletion Date

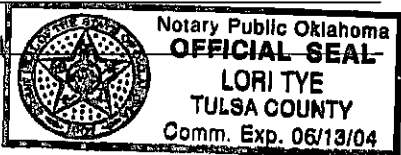
API No. 15 - 055-21734 - 0000  
 County: Finney  
- NW- NW- NW Sec. 17 Twp. 26 S. R. 31  East  West  
4891 feet from (S) / N (circle one) Line of Section  
4891 feet from (E) / W (circle one) Line of Section  
 Footages Calculated from Nearest Outside Section Corner:  
 (circle one) NE (SE) NW SW  
 Lease Name: Keller A Well #: 1-2  
 Field Name: Hugoton  
 Producing Formation: Chase  
 Elevation: Ground: 2829' Kelly Bushing: 2834'  
 Total Depth: 2815' Plug Back Total Depth: 2751'  
 Amount of Surface Pipe Set and Cemented at 437 Feet  
 Multiple Stage Cementing Collar Used?  Yes  No  
 If yes, show depth set \_\_\_\_\_ Feet  
 If Alternate II completion, cement circulated from 2804  
 feet depth to surface w/ 525 sx cmt.

ALT 2 878 7/24/01  
 RECEIVED  
 Drilling Fluid Management Plan  
 (Data must be collected from the lease)  
 Chloride content Est 1000 \_\_\_\_\_ ppm Fluid volume 800 bbls  
 Dewatering method used Evaporation  
 Location of fluid disposal if hauled offsite: 6/18/2001  
 Operator Name: \_\_\_\_\_  
 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 completed and correct to the best of my knowledge.

Signature: Sharon LaValley  
 Title: Engineer Tech Date: 6/14/01  
 Subscribed and sworn to before me this 14<sup>th</sup> day of June  
2001  
 Notary Public: Joni Ino  
 Date Commission Expires: 6/13/04



**KCC Office Use Only**  
 Letter of Confidentiality Attached  
 If Denied, Yes  Date: \_\_\_\_\_  
 Wireline Log Received  
 Geologist Report Received  
 UIC Distribution  
 KCC

X

Operator Name: Helmerich & Payne, Inc. Lease Name: Keller A Well #: 1-2  
 Sec. 17 Twp. 26 S. R. 31  East  West County: Finney

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  Yes  No  
 (Attach Additional Sheets)  
 Samples Sent to Geological Survey  Yes  No  
 Cores Takes  Yes  No  
 Electric Log Run  Yes  No  
 (Submit Copy)

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

List All E. Logs Run:

Dual Spaced Neutron

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"	23#	437'	Prem Plus Lite C	100	2% CC + 1/8# Flocele
					50/50 Poz Prem Plus C	125	2% CC + 1/8# Flocele
Production	7 7/8"	5 1/2"	15.5	2804'	Prem Plus Lite	400	1/8# flocele
					50/50 Poz	125	10% Salt + 1/8# flocele

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				

Shot Per Foot	PERFORATIONS RECORD – Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
4	Upper Krider 2638-2644'	Frac: 21,700 gal of 70Q N2 foam cont. 41000 lbs 16/30 white sand in 1-4 ppg stages Acid: 500 gals 15% HCL	2638-2644'

TUBING RECORD	Size 2 3/8"	Set At 2637'	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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Date of First, Resumed Production, SWD or Enhr. 05/01/01	Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)
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Estimated Production Per 24 Hours	Oil Bbls	Gas Mcf	Water Bbls	Gas-Oil Ratio	Gravity
		202	57		

Disposition of Gas  Vented  Sold  Used on Lease (If Vented, Submit ACO-18) METHOD OF COMPLETION  Open Hole  Perf.  Dually Comp.  Commingled 2638-2644'  Other (Specify) \_\_\_\_\_

REGION North America NWA / COUNTRY USA  
 MBU ID / EMP # MC 40103 106304 EMPLOYEE NAME T. Davis  
 LOCATION L 68141 KJ COMPANY Cheyenne Drilling  
 TICKET AMOUNT \_\_\_\_\_ WELL TYPE 02  
 WELL LOCATION Leah. S Garden City DEPARTMENT ZI  
 LEASE / WELL # K 11111 A 1-2 SEC / TWP / RNG 17-26-31

PSL DEPARTMENT ZI  
 CUSTOMER REP / PHONE 202450  
 API / UWI # \_\_\_\_\_  
 JOB PURPOSE CODE 070  
 HES FACILITY (CLOSEST TO WELL SITE) L 68141 KJ

**ORIGINAL**

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
<u>T. Davis 106304</u>							
<u>A. Miller 126452</u>							
<u>L. Butler</u>							

HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES
<u>10219237</u>	<u>90</u> <u>45</u>						

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

DATE	TIME	CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
<u>3-8-01</u>	<u>0830</u>	<u>3-8-01</u>	<u>0900</u>	<u>3-8-01</u>	<u>1730</u>

**TOOLS AND ACCESSORIES**

TYPE AND SIZE	QTY	MAKE
Float Collar <u>Impart 8 5/8</u>	<u>1</u>	<u>H</u>
Float Shoe <u>F. 11</u>	<u>1</u>	
Guide Shoes		<u>0</u>
Centralizers <u>SH</u>	<u>3</u>	
Bottom Plug		<u>1</u>
Top Plug <u>SW</u>	<u>1</u>	
Head		<u>C</u>
Packer		
Other		<u>0</u>

**WELL DATA**

	NEW/USED	WEIGHT	SIZE	FROM	TO	MAX ALLOW
Casing	<u>10</u>	<u>24</u>	<u>8 5/8</u>	<u>KB</u>	<u>442</u>	
Liner						
Liner						
Tbg/D.P.						
Tbg/D.P.						SHOTS/FT.
Open Hole						
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		

**OPERATING HOURS**

DATE	HOURS	OPERATING HOURS	COMMISSION	DESCRIPTION OF JOB
<u>3-8-2001</u>	<u>10</u>			<u>CMF</u>
				<u>SH</u>
				<u>SO</u>
<b>TOTAL</b>		<b>TOTAL</b>		

RECEIVED  
 KANSAS CORPORATION  
 CONSERVATION DIVISION

**CEMENT DATA**

STAGE	SACKS	CEMENT	BULK/SKS	ADDITIVES	YIELD	LBS/GAL
<u>1</u>	<u>100</u>	<u>PPLX</u>	<u>B</u>	<u>270cc, 1/8" POLY FIBER.</u>	<u>2.05</u>	<u>12.3</u>
<u>1</u>	<u>125</u>	<u>PT</u>	<u>B</u>	<u>270cc 1/8" POLY FIBER.</u>	<u>1.32</u>	<u>14.8</u>

Circulating \_\_\_\_\_ Displacement \_\_\_\_\_ Prefsush: Gal-BBI \_\_\_\_\_ Type \_\_\_\_\_  
 Breakdown \_\_\_\_\_ Maximum \_\_\_\_\_ Load & Bkdn: Gal-BBI \_\_\_\_\_ Pad: BBI-Gal \_\_\_\_\_  
 Average \_\_\_\_\_ Frac Gradient \_\_\_\_\_ Treatment Gal-BBI \_\_\_\_\_ Disp. BBI-Gal 25  
 Shut In: Instant \_\_\_\_\_ 5 Min \_\_\_\_\_ 15 Min \_\_\_\_\_ Cement Slurr Gal-BBI 36.526 297.1  
 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 Wastell



**JOB SUMMARY 70006**

TICKET # <b>1183597</b>	TICKET DATE <b>3-10-01</b>
BDA / STATE <b>ITS</b>	COUNTY <b>FINNEY</b>
PSL DEPARTMENT <b>ZI</b>	CUSTOMER REP / PHONE <b>Dave Pauley 316-272-1125</b>
API / UWI #	JOB PURPOSE CODE <b>035</b>
HES FACILITY (CLOSEST TO WELL SITE) <b>Liberal ITS</b>	

REGION <b>North America</b>	NWA / COUNTRY <b>MEX - CON</b>
MBU ID / EMP # <b>MCL 10104 105848</b>	EMPLOYEE NAME <b>J. Clemens 198516</b>
LOCATION <b>Liberal</b>	COMPANY <b>Helmensch &amp; Payne</b>
TICKET AMOUNT <b>10,151.10</b>	WELL TYPE <b>Oil</b>
WELL LOCATION <b>GARDEN CITY ITS</b>	DEPARTMENT <b>Cement</b>
LEASE / WELL # <b>KELLER A-1-2</b>	SEC / TWP / RNG <b>17-26S-31W</b>

**ORIGINAL**

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. Woodrow</b> 105848 P.U. 420621		<b>J. Renner</b> 106056 54217/72899		<b>J. Lopez</b> 198514 52938/75818		<b>J. VEYDA</b> 53335/6610	
HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES

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

DATE	TIME	CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
<b>3-10-01</b>	<b>8:00</b>	<b>12:00</b>	<b>12:00</b>	<b>3-10-01</b>	<b>3-10-01</b>

**TOOLS AND ACCESSORIES**

TYPE AND SIZE	QTY	MAKE
Float Collar		
Float Shoe <b>Insert 5.5</b>	<b>1</b>	<b>HES</b>
Guide Shoes <b>Regular</b>	<b>1</b>	
Centralizers <b>S455</b>	<b>11</b>	
Bottom Plug		
Top Plug <b>5W 5.5</b>		
Head <b>PC</b>		
Packer		
Other		

**WELL DATA**

	NEW/USED	WEIGHT	SIZE	FROM	TO	MAX ALLOW
Casing	<b>N</b>	<b>15.4</b>	<b>5.5</b>	<b>4B</b>	<b>2804</b>	
Liner						
Liner						
Tbg/D.P.						
Tbg/D.P.						SHOTS/FT.
Open Hole						
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>3-10-01</b>	<b>12:00</b>	<b>See Job log</b>
		<b>3-10-01</b>	<b>12:00</b>	
<b>TOTAL</b>		<b>TOTAL</b>		

ORDERED	: HYDRAULIC HORSEPOWER	Used
TREATED	: AVERAGE RATES IN BPM.	Overall
FEET <b>44.8</b>	: CEMENT LEFT IN PIPE	Reason

**CEMENT DATA**

STAGE	SACKS	CEMENT	BULK/SKS	ADDITIVES	YIELD	LBS/GAL
<b>1</b>	<b>400</b>	<b>P+HLC</b>	<b>B</b>			
<b>2</b>	<b>125</b>	<b>P+50/50902</b>	<b>B</b>			

Circulating \_\_\_\_\_ Displacement \_\_\_\_\_ Prellush: **Gal-BBL 10** Type **N-F**  
 Breakdown \_\_\_\_\_ Maximum \_\_\_\_\_ Load & Bkdn: Gal-BBI Pad: BBI-Gal  
 Average \_\_\_\_\_ Frac Gradient \_\_\_\_\_ Treatment Gal-BBI Disp: BBI-Gal **66.7**  
 Shut In: Instant \_\_\_\_\_ 5 Min \_\_\_\_\_ 15 Min \_\_\_\_\_ Cement Slurr Gal-BBI **150 L.C. 28.4 T.C**  
 Total Volume Gal-BBI \_\_\_\_\_

Frac Ring #1	Frac Ring #2	Frac Ring #3	Frac Ring #4
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THE INFORMATION STATED HEREIN IS CORRECT

CUSTOMER'S REPRESENTATIVE SIGNATURE  
*[Signature]*



**JOB LOG**

ORDER NO. 70006

TICKET #	1153597	TICKET DATE	3-11-01
BDA / STATE	ITS	COUNTY	FINNEY
PSL DEPARTMENT	ZI	CUSTOMER REP / PHONE	Dave Daulty 316-272-1125
API / UWI #		JOB PURPOSE CODE	035
HES FACILITY (CLOSEST TO WELL SITE)	1602115	<b>ORIGINAL</b>	

REGION	North America	NWA / COUNTRY	MEXICO
MBU ID / EMP #		EMPLOYEE NAME	J. Cl...
LOCATION	1602115	COMPANY	H...
TICKET AMOUNT	10,157.10	WELL TYPE	Oil
WELL LOCATION	...	DEPARTMENT	...
LEASE / WELL #	KELLER A 1-2	SEC / TWP / RNG	17-263-31...

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
J. Woodrow	3	J. ...	3	J. Lopez	3	J. V. ...	22466-3
...	3	...		...		...	33335/16410
...		...		...		...	

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL)(GAL)	PUMPS		PRESS (psi)		JOB DESCRIPTION/REMARKS
				T	C	Tbg	Csg	
	12:00							Job Ready 12:00
	12:30							Arrived on location
	12:45							Pre Job Assessment
	13:00							Pre-Job Safety Meeting
	15:00							Rig Cir. Spot Equip. Rig-up Through Cir. / Hook up to Pump Truck Job Procedure
	1328					1000		Test Pump / Lines
	1330	5.0	10	✓		9200		pump to BBIS M-F
	1335	6.0		✓		150		Mix head Slurry At 12.2
	1338	6.0		✓		150		Mix Tail Slurry At 14.4
	1405					0		Through Mixing - Shut down
	1406							wash pumps / lines
	1409	6.0		✓		200		Release Plug
	1430			✓		800		start Displacement
				✓		1200		NAve 30 BBIS out - Cement to Surface
				✓				max lift pressure before Landing Plug
								Plug Down
								Release Float
								Float Head
								Circulated 36 BBIS 96 Sacks to Surface

RECEIVED  
KANSAS CORPORATION COMMISSION

Thank You JUN 18 2001

WOODY & CREW CONSERVATION DIVISION



HALLIBURTON

Work Order Contract

ORIGINAL

Halliburton Energy Services, Inc.
Houston Texas 77056

Order Number

1183597

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:

Table with columns: Well No., Farm or Lease, County, State, Well Permit #, Customer, Well Owner, Job Purpose. Includes handwritten entries like '1-2', 'Keller A', 'FINNEY', 'TX', '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.

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.

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.

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.

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.

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.

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.

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.

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: [Signature] CUSTOMER Authorized Signatory

DATE: 3-10-01 TIME: 12:30 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

[Signature] CUSTOMER Authorized Signatory

White-Office

Canary-Field Office

Pink-Customer

Green-Retain

ORIGINAL

120 41  
129

**HELMERICH & PAYNE, INC.**  
**Well Test Data Form**

Well Name <i>Keller A1-2</i>						Formation									
Location						Purchaser									
Sec			Twp			Rge			FLPASO			5950.3			
17			265			31W									
Well On (Open)						Flow Test									
Flow Date			Orifice Size			Tap			Flange			Pipe			
Mo	Day	Yr	Mo	Day	Yr	Size									
6	4	01	6	7	01	1.00	✓								
Meter Run Size				Meter Spring Size				Meter Diff Range				Meter Pressure			
2"				250				50				48.5			
Differential						Flowing Tbg/csg Pressure			Static Tbg/csg Pressure			Flowing String			
Rts.		%		In.					Tubing			Casing			
✓				5.23		132.5									
Rate of Flow MCF/D						Adjusted Deliverability MCF/D									
108						262									
Well Off (Shut-In)						Shut-in Test									
Pressure Taken						Csg Press (psig)			Tbg Press (psig)						
Mo	Day	Yr	Mo	Day	Yr										
6	8	01	6	11	01	167.8									
Slope						Bbls Water Produced									
						24 BBL per day									
Remarks															

Rest Time \_\_\_\_\_ days  
S.I. psi prior to flow \_\_\_\_\_  
167.8

*Sean Cochran*  
Company Representative

RECEIVED  
KANSAS CORPORATION COMMISSION  
JUN 18 2001  
CONSERVATION DIVISION

STATE OF KANSAS - CORPORATION COMMISSION

ORIGINAL

FIELD TEST

Annual  New Well  Rework Well  Vacuum  
Operator Code 111 Operator Name

Purchaser Code F. J. Purchaser Name

FIELD Lease Code

Hugoton

Greenwood

Panama

Keller Lease Name

Finney County

6.40 Acres Well Number A-1-2 Sec.    Twp.   Range

TEST DATA

Well Opened Date 6-4- Test Completed Date 6-11-01  
month day year month day year

Type Meter Connection Flg Size Disc 2 X 1.000  
2 X 1.000

Differential (h) (in water)

Meter Pressure P<sub>0</sub> (psig)

Coeff 24 CM<sub>g</sub>

Shut In Well Head Pressure (psig)

Working Well Head Pressure (psig)

N-Slope (Panoma Only)

Gravity (Panoma and Greenwood)

6-4-2001 Effective Date JUN 18 2001  
month day year

Representative for Operator \_\_\_\_\_ By [Signature] Representative For Kansas Corporation Commission DIVISION

SALT WATER PRODUCTION & DISPOSAL DATA

AVERAGE DAILY WATER PRODUCTION (producing days only)      bbls.

SALT WATER DISPOSAL

Surface Lease Installation: (Earthen pit \_\_\_\_\_ Cement pit \_\_\_\_\_ Tank 1 etc.)

Disposal Well: \_\_\_\_\_ Location: \_\_\_\_\_