

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

Form ACO-1
 September 1999
 Form Must Be Typed

ORIGINAL

RECEIVED
 OCT 11 2002
 KCC WICHITA

Operator: License # 5293
 Name: Helmerich & Payne, Inc.
 Address: 1437 S. Boulder, Suite 1300
 City/State/Zip: Tulsa, OK 74119
 Purchaser: _____
 Operator Contact Person: Sharon LaValley
 Phone: (918) 295-1673
 Contractor: Name: Cheyenne Drilling
 License: 5382

Wellsite Geologist: NONE
 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. _____
6/24/02 6/27/02 9-10-02 (WOPLC)
 Spud Date or Date Reached TD Completion Date or Recompletion Date

API No. 15 - 055-21785 0000
 County: Finney
- SW - SW - NW Sec. 8 Twp. 26S R. 31 East West
2986 feet from S / N (circle one) Line of Section
4931 feet from E / W (circle one) Line of Section
 Footages Calculated from Nearest Outside Section Corner:
 (circle one) NE SE NW SW
 Lease Name: D.R. Lightner Well #: 1-2
 Field Name: Hugoton
 Producing Formation: Chase
 Elevation: Ground: 2833 Kelly Bushing: 2839
 Total Depth: 2845 Plug Back Total Depth: 2798
 Amount of Surface Pipe Set and Cemented at 434 Feet
 Multiple Stage Cementing Collar Used? Yes No
 If yes, show depth set _____ Feet
 If Alternate II completion, cement circulated from 2835'
 feet depth to surface w/ 530 sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the reserve pit)

Chloride content Est 2000 ppm Fluid volume 800 bbls
 Dewatering method used Evaporation
 Location of fluid disposal if hauled offsite:

Operator Name: K&L
 Lease Name: Morris B1 SWD License No.: 8757
 Quarter Sec. 19 Twp. 24 S. R. 31 East West
 County: Finney Docket No.: C-16812 (96930-C)

240 bbls hauled

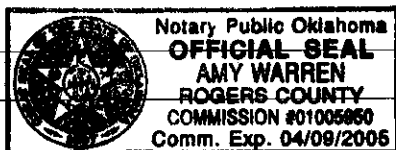
ALT 2 gk 12/02/02

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: 10/5/02
 Subscribed and sworn to before me this 8th day of October,
 2002.

Notary Public: Amy Warren
 Date Commission Expires: 4/9/05



KCC Office Use Only

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

Operator Name: Helmerich & Payne, Inc. Lease Name: D.R. Lightner Well #: 1-2

Sec. 8 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 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	434	Prem Plus Lite C	100	2% CC + 1/4# Flocele
					Prem Plus C	125	2% CC + 1/4# Flocele
Production	7 7/8	5 1/2"	14 & 15.5#	2835	Prem Plus Lite C	400	1/4# Flocele mixed
					50/50 Poz Prem Plus C	125	10% Salt, 1/4# 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	U. Krider 2671-2678'	19000 gals 70Q N2 Delta Foam w/41000# 16/30 White Sand	

TUBING RECORD		Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
		2 3/8	2710		
Date of First, Resumed Production, SWD or Enhr.			Producing Method		
9/9/02			<input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)		
Estimated Production Per 24 Hours	Oil Bbls	Gas Mcf	Water Bbls	Gas-Oil Ratio	Gravity
	0	75	110		

Disposition of Gas Vented Sold Used on Lease (If Vented, Submit ACO-18)

METHOD OF COMPLETION Open Hole Perf. Dually Comp. Commingled

Production Interval 2671'-2678' Other (Specify)

HAHLBURTON		JOB SUMMARY		SALES ORDER NUMBER 1918502	TICKET DATE 06/24/02
REGION NORTH AMERICA LAND		WMA / COUNTRY Central / USA		BDA / STATE MC/Ks	COUNTY FINNEY
WBU ID / EMPL # MCL10104 212723		H.E.S. EMPLOYEE NAME JERRAKO EVANS		PSL DEPARTMENT CEMENT	
LOCATION LIBERAL		COMPANY CHEYENNE DRILLING (H & P)		CUSTOMER REF / PHONE LOU LUNSFORD 620-272-4846	
TICKET AMOUNT \$4,320.52		WELL TYPE OIL		APLUM #	
WELL LOCATION PLYMELL, KS		DEPARTMENT CEMENT		SAP BOMB NUMBER 7521	Drilling Surface Core
LEASE NAME D R LIGHTNER		Well No. 1-2	SEC / TWP / RNG 31 - 26S - 31W	RES FACILITY (CLOSEST TO WELL SITE) LIBERAL, KS	

ORIGINAL

HES EMP NAME / EMP # / (EXPOSURE HOURS)	HRS	HRS	HRS	HRS
Evans, J 212723	1.0			
Arnett, J 225567	1.0			
Archuleta, M 226383	1.0			

H.E.S. UNIT #S / (R/T MILES)	R / T MILES	R / T MILES	R / T MILES	R / T MILES
420621	40			
54219-78299	40			
6612	40			

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
	06/24/2002	06/24/2002	06/24/2002	06/24/2002
Time	1045	1330	1455	1530

Tools and Accessories

Type and Size	Qty	Make
Float Collar INSERT	1	HOWCO
Float Shoe		
Centralizers	3	
Top Plug	1	
HEAD	1	
Limit clamp		
Weld-A	1	
Guide Shoe		
BTM PLUG		

Well Data

	New/Used	Weight	Size	Grade	From	To	Max. Allow
Casing	NEW	24#	8 5/8		KB	428	
Liner							
Liner							
Tubing							
Drill Pipe							
Open Hole			12 1/4		KB	440	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	
Perpac Balls	Qty.	
Other		
Other		
Other		
Other		
Other		

Hours On Location

Date	Hours
6/24	2.0
Total	2.0

Operating Hours

Date	Hours
6/24	1.0
Total	1.0

Description of Job
Cement Surface Casing

Hydraulic Horsepower

Ordered	Avail.	Used

Average Rates in BPM

Treating	Disp.	Overall

Cement Left in Pipe

Feet	Reason
45	SHOE JOINT

Cement Data

Stage	Sacks	Cement	Bulk/Sks	Additives	W/Rq	Yield	Lbs/Gal
1	100	HLC PP C		3% CC - 1/4# FLOCELE (PUMP TIME-3 HOURS)	11.60	2.05	12.30
2	125	PREM PLUS C		2% CC - 1/4# FLOCELE (PUMP TIME-2 HOURS)	6.30	1.34	14.80
3							
4							

Summary

Circulating	Displacement	Preflush: BBI	Type:
Breakdown	MAXIMUM	Load & Bkdn: Gal - BBI	Pad:Bbl-Gal
Lost Returns	Actual TOC	Excess /Return BBI	Calc. Disp Bbl
Cmt Rtm#Bbl	Frac. Gradient	Calc. TOC:	Actual Disp. 25
Average	5 Min.	Treatment: Gal - BBI	Disp:Bbl
Shut In: Instant	15 Min.	Cement Slurry BBI	
		Total Volume BBI	91.00

Frac Ring #1 _____ | Frac Ring #2 _____ | Frac Ring #3 _____ | Frac Ring #4 _____

THE INFORMATION STATED HEREIN IS CORRECT
 CUSTOMER REPRESENTATIVE _____ SIGNATURE _____

OCT 1 12:00
 KCC WICHITA

ORIGINAL

HALLIBURTON		JOB LOG				TICKET #	TICKET DATE
REGION NORTH AMERICA LAND		INWA / COUNTRY Central / USA				BDA / STATE MC/Ks	COUNTY FINNEY
NBU ID / EMPL # MCL10104 212723		H.E.S. EMPLOYEE NAME JERRAKO EVANS				PSL DEPARTMENT CEMENT	
LOCATION LIBERAL		COMPANY CHEYENNE DRILLING (H & P)				CUSTOMER REP / PHONE LOU LUNSFORD 620-272-4846	
TICKET AMOUNT \$4,320.52		WELL TYPE OIL				AP/CJWI #	
WELL LOCATION PLYMELL, KS		DEPARTMENT CEMENT				JOB PURPOSE CODE Cement Surface Casing	
LEASE NAME D R LIGHTNER		Well No. 1-2	SEC / TWP / RING 31 - 26S - 31W			RES FACILITY (CLOSEST TO WELL #) LIBERAL, KS	
HRS EMP NAME/EMP # (EXPOSURE HOURS)		HRS	HRS EMP NAME/EMP # (EXPOSURE HOURS)		HRS	HRS EMP NAME/EMP # (EXPOSURE HOURS)	
Evans, J 212723		1					
Arnett, J 226567		1					
Archuleta, M 226383		1					
Chart No.	Time	Rate (BPM)	Volume (BBL/1000)	Rate N2	Press. (PSI)		Job Description / Remarks
					CSG.	Tbg	
	1330						JOB READY
	1045						CALLED OUT FOR JOB
	1330						PUMP TRUCK ON LOCATION/ JOB SITE ASSESSMENT
	1345						RIG UP TRUCKS
	1350						PRE-JOB SAFETY MEETING
	1400						START RUNNING CASING / FLOAT EQUIP (8 5/8)
	1430						CASING ON BOTTOM (438 FT)
	1440						HOOK UP PLUG CONT. / CIRC IRON
	1445						CIRC WITH RIG PUMP
	1453						SHUT DOWN/ HOOK UP TO PUMP TRUCK
	1454				1000		TEST LINES
	1500	5.0	36.0		0-150		START MIXING LEAD CMT @12.3#
	1506	5.0	30.0		0-150		START MIXING TAIL CMT @14.8#
	1512						SHUT DOWN / DROP PLUG
	1514	5.0			0-175		START DISP
	1518	2.0	15.0		175		SLOW RATE
	1522	2.0	25.0		950		BUMP PLUG
	1523						RELEASE HELD
							CIRC CMT TO PIT ✓
							THANKS FOR CALLING HALLIBURTON
							JERRAKO & CREW

RECEIVED

OCT 11 2002

KCC WICHITA

HALLIBURTON JOB SUMMARY

REGION NORTH AMERICA LAND		NWA / COUNTRY Central / USA		SALES ORDER NUMBER 1920163		TICKET DATE 06/25/02	
MBU ID / ENPL # MCL10104 212723		H.E.S. EMPLOYEE NAME JERRAKO EVANS		BDA / STATE MC/Ks		COUNTY FINNEY	
LOCATION LIBERAL		COMPANY HELMERICH & PAYNE		PSL DEPARTMENT CEMENT		CUSTOMER REP / PHONE LOU LUNSFORD 1-620-272-4846	
TICKET AMOUNT \$10,929.56		WELL TYPE OIL		AP/UMI #		SAP BOMB NUMBER 7523	
WELL LOCATION PLYMELL, KS		DEPARTMENT CEMENT		HES FACILITY (CLOSEST TO WELL SITE) LIBERAL, KS		Cement Production Casing	
LEASE NAME D R LIGHTNER		Well No. 1-2		SEC / TWP / RNG 8 - 26S - 31W		OCT 11 2002	

HES EMP NAME / EMP # / (EXPOSURE HOURS)	HR3	HR3	HR3	HR3
Evans, J 212723	1.0			
Arnett, J 226567	1.0			
Ferguson, R 106154	1.0			
Archuleta, M 226383	1.0			

H.E.S. UNIT #S / (R / T MILES)	R / T MILES	R / T MILES	R / T MILES	R / T MILES
10011504	70			
54219-78299	70			
10240236-10240245	35			
10243558-6612	35			

ORIGINAL

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

Tools and Accessories

Type and Size	Qty	Make
Float Collar INSERT	1	HOWCO
Float Shoe		
Centralizers	11	
Top Plug	1	
HEAD	1	
Limit clamp	1	
Weld-A	1	
Guide Shoe	1	
BTM PLUG		

Materials

Material	Unit	Qty
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		

Date	Called Out	On Location	Job Started	Job Completed
	6/26/2002	6/26/2002	6/27/2002	6/27/2002
Time	1700	2030	0015	0120

Well Data

	New/Used	Weight	Size	Grade	From	To	Max. Allow
Casing	NEW	14.0	5 1/2		KB	2,829	
Liner							
Liner							
Tubing							
Drill Pipe							
Open Hole			7 7/8		KB	2,845	Shots/Ft.
Perforations							
Perforations							

Hours On Location		Operating Hours		Description of Job
Date	Hours	Date	Hours	
6/26	3.0	6/27	1.0	Cement Production Casing
6/27	2.0			CIRC CMT TO PIT
Total	5.0	Total	1.0	

Ordered _____ Hydraulic Horsepower _____
 Treating _____ Avail. _____ Used _____
 Average Rates in BPM _____
 Cement Left in Pipe _____
 Feet 44 Reason SHOE JOINT

Cement Data

Stage	Sacks	Cement	Bulk/Sks	Additives	W/Rq.	Yield	Lbs/Gal
1	406	HLC PP C		1/4# FLOCELE (PUMP TIME-4 HOURS)	11.47	2.06	12.20
2	125	60/60 POZ C		1/4# FLOCELE - 10% SALT (PUMP TIME-2 HOURS)	5.43	1.24	14.40
3				!!!!!!! WILL HAVE TO USE OLD STYLE PLUG CONTAINER !!!!!!!!			
4							

Summary

Circulating Breakdown	Displacement	Preflush: BBI	12.00	Type: MUD FLUSH
Lost Returns	MAXIMUM	Load & Bkdn: Gal - BBI		Pad:Bbl -Gal
Cmt Rtrn#Bbl	Actual TOC	Excess /Return BBI		Calc.Disp Bbl
Average	Frac. Gradient	Calc. TOC:		Actual Disp. 68
Shut In: Instant	5 Min. 15 Min.	Treatment: Gal - BBI		Disp:Bbl
		Cement Slurry BBI	176.0	
		Total Volume BBI	256.00	

Frac Ring #1 | Frac Ring #2 | Frac Ring #3 | Frac Ring #4

THE INFORMATION STATED HEREIN IS CORRECT
 CUSTOMER REPRESENTATIVE _____
 SIGNATURE _____

HALLIBURTON JOB LOG				TICKET #	TICKET DATE
				1920163	06/25/02
REGION		NWA / COUNTRY		BDA / STATE	COUNTY
NORTH AMERICA LAND		Central / USA		MC/Ks	FINNEY
MBU ID / EMPL #		H.E.S EMPLOYEE NAME		PSL DEPARTMENT	
MCL10104 212723		JERRAKO EVANS		CEMENT	
LOCATION		COMPANY		CUSTOMER REP / PHONE	
LIBERAL		HELMERICH & PAYNE		LOU LUNSFORD 1-620-272-4846	
TICKET AMOUNT		WELL TYPE		API/UMI #	
\$10,929.56		OIL			
WELL LOCATION		DEPARTMENT		JOB PURPOSE CODE	
PLYMELL, KS		CEMENT		Cement Production Casing	
LEASE NAME		Well No.	SEC / TWP / RNG		HES FACILITY (CLOSEST TO WELL S
D R LIGHTNER		1-2	8 - 26S - 31W		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
Evans, J 212723	1						
Arnett, J 226567	1						
Ferguson, R 106154	1						
Archuleta, M 226383	1						

ORIGINAL

Chart No.	Time	Rate (BPM)	Volume (BBL/GAL)	Rate		Press (PSI)		Job Description / Remarks
				NZ	CSC	NZ	Tog	
	2100							JOB READY
	1700							CALLED OUT FOR JOB
	2030							PUMP TRUCK ON LOCATION / JOB SITE ASSESMENT
	2045							RIG UP TRUCKS
	2145							PRE-JOB SAFETY MEETING
	2200							START RUNNING CASING/ FLOAT EQUIP (5 1/2)
	2340							CASING ON BOTTOM
	2350							HOOK UP PLUG CONT. / CIRC IRON
	2400							CIRC WITH RIG PUMP
	0015							SHUT DOWN/ HOOK UP TO PUMP TRUCK
	0016					2700		TEST LINES
	0017	6.0	12.0			0-300		PUMP SPACER
	0022	6.0	149.0			250		START MIXING LEAD CMT @ 12.2#
	0048	6.0	28.0			250		START MIXING TAIL CMT @14.4#
	0054							SHUT DOWN / WASH PUMP & LINES/ DROP PLUG
	0101	6.0				0-725		START DISP
	0113	2.0				725		SLOW RATE
	0120	2.0				1550		BUMP PLUG
								RELEASE / FLOAT HELD
								CIRC 25 BBLs CMT TO PIT
								RECEIVED
								OCT 11 2002
								KCC WICHITA
								THANKS FOR CALLING HALLIBURTON
								JERRAKO & CREW