

ORIGINAL

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

API NO. 15- 119-20-981 0000

County Meade

SW - NE - - Sec. 17 Twp. 34S Rge. 29 X W

2145' Feet from S(N) (circle one) Line of Section

1821' Feet from E(W) (circle one) Line of Section

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

Lease Name Horace Well # 2-17

Field Name Adams Ranch

Producing Formation Morrow Sand

Elevation: Ground 2523' KB 2535

Total Depth 6250' PBDT 6167

Amount of Surface Pipe Set and Cemented at 1564.50 Feet

Multiple Stage Cementing Collar Used? X Yes No

If yes, show depth set 3576 Feet

If Alternate II completion, cement circulated from

feet depth to w/ sx cmt.

Drilling Fluid Management Plan ALT 1 JH 5-14-98
(Data must be collected from the Reserve Pit)

Chloride content 4900 ppm Fluid volume 4730 bbls

Dewatering method used Evaporation

Location of fluid disposal if needed offsite:

Operator Name AUG 25 1997

Lease Name AUG 22 License No.

CONFIDENTIAL Twp. WICHITA, KS E/W

County Docket No.

Operator: License # 30129

Name: Eagle Creek Corporation

Address 107 N. Market, #508

CONFIDENTIAL

City/State/Zip Wichita, KS 67202

Purchaser: Westar Gas Marketing

Operator Contact Person: Dave Callawert

Phone (316) 264-8044

Contractor: Name: Abercrombie RTD, Inc.

License: 30684

Wellsite Geologist: Dave Callewaert

Designate Type of Completion
X New Well Re-Entry Workover

Oil SWD SLOW Temp. Abd.
XX Gas ENHR SIGW
Dry Other (Core, WSW, Expl., Cathodic, etc)

If Workover: RELEASED

Operator: N/A SEP 16 1998

Well Name:

Comp. Date Old Total Depth

Deepening Re-perf. Conv. to Inj/SWD
Plug Back PBDT
Commingle Docket No.
Dual Completion Docket No.
Other (SWD or Inj?) Docket No.

06-14-97 06-28-97 07-23-97
Spud Date Date Reached TD Completion Date

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 Dan Callawert

Title President Date 8/23/97

Subscribed and sworn to before me this 23rd day of August 19 97.

Notary Public Vicci Lortz

Date Commission Expires 6/12/99

K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Geologist Report Received
Distribution
KCC SVD/Rep NGPA
KGS Plug Other (Specify)

NOTARY PUBLIC - State of Kansas
VICCI L. LORTZ
My Appt. Exp. 6/12/99

ORIGINAL

SIDE TWO

Operator Name Eagle Creek Corporation

Lease Name Horace

Well # 2-17

Sec. 17 Twp. 34S Rge. 29

East West

County Meade

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

Drill Stem Tests Taken (Attach Additional Sheets.)

Samples Sent to Geological Survey

Cores Taken

Electric Log Run (Submit Copy.)

List All E.Logs Run: Dual Induction, Neutron/Density, Sonic, Microlog

Log Formation (Top), Depth and Datums Sample

Table with 3 columns: Name, Top, Datum. Rows include Wreford, Base of Heebner, Landing, Iola Lime, Swope, Marmaton, Novinger Zone, Cherokee Shale, Morrow Shale, Morrow Sand, Chester Lime.

CASING RECORD

New Used

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

Table with 8 columns: Purpose of String, Size Hole Drilled, Size Casing Set (In O.D.), Weight Lbs./Ft., Setting Depth, Type of Cement, # Sacks Used, Type and Percent Additives. Rows for Surface and Production.

ADDITIONAL CEMENTING/SQUEEZE RECORD

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

Table with 3 columns: Shots Per Foot, PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated, Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Depth. Row for 4 shots.

TUBING RECORD table with columns: Size, Set At, Packer At, Liner Run.

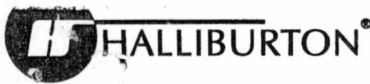
Table with 2 columns: Date of First, Resumed Production, SWD or Inj., Producing Method.

Table with 5 columns: Estimated Production Per 24 Hours, Oil Bbls., Gas Mcf, Water Bbls., Gas-Oil Ratio, Gravity.

Disposition of Gas: METHOD OF COMPLETION

Production Interval 5880-5895

Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled Other (Specify)



JOB LOG 4239-5

TICKET # 23001	TICKET DATE 6-15-97
BDA / STATE KS.	COUNTY LIBERAL

REGION North America	NWA/COUNTRY MIS CONTINENT
MBU ID / EMP # 441 1469	EMPLOYEE NAME Tim Bradford
LOCATION LIBERAL KS.	COMPANY EMME CREEK CORP.
TICKET AMOUNT	WELL TYPE OI
WELL LOCATION LAND	DEPARTMENT Cement
LEASE / WELL # HORACE 2-17	SEC / TWP / RNG 11-345-27W

PSL DEPARTMENT Cement	CUSTOMER REP / PHONE BILL CRAIG
API / UWI #	JOB PURPOSE CODE 010

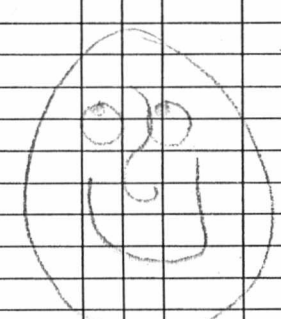
ORIGINAL

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
T. Bradford 441	1	T. Bradford 45120	1	C. Ashley 44061	0	D. Corpening 42441	1

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL)(GAL)	PUMPS		PRESS. (psi)		JOB DESCRIPTION / REMARKS
				T	C	Tbg	Csg	
	0500							CALLED OUT - READY 0900 ON HOCT - DRILLING. COMING OUT OF HOLE WITH D.P. START CSG IN HOLE
	0130							
	0800							
	1630							
	1725							Look up cmt HEAD CIRCULATION TO PIT - SAFETY MEETING
	1730							
	1745							Look up to CMT LINE PRESSURE TEST LINES
	1746					800		
	1747	6	212				330	START LEAD CMT 11.1% GAL
	1748	6	23.5				180	START TAIL CMT 14.8% GAL
	1928	0	0					SHUT OFF DROP PLUG
	1721	5	94.8				330	START DISPLACEMENT 2/20
	1748	2	2				500	SLOW RATE 96.8 TOTAL BBL'S
	1950						800	PLUG LANDED - FLOAT HEAD

RELEASED KCC
 SEP 16 1998 AUG 25
 FROM CONFIDENTIAL CONFIDENTIAL



THANKS FOR CALLING
 HALLIBURTON ENERGY SERVICES
 LIBERAL KS.
 HAVE A "RAIN" GOOD DAY
 BRADFORD - POYER - ASHLEY - CORPENING
 25 BBL CMT PIT - 44 SKS.

RECEIVED
 KANSAS CORPORATION COMMISSION
 AUG 25 1997



JOB SUMMARY 4239-1

TICKET # 23559 TICKET DATE 6-15-97

REGION North America	NWA/COUNTRY MID CONTINENT	BDA / STATE Ks.	COUNTY MEADE
MBU ID / EMP # L101 74604	EMPLOYEE NAME Jim BROADFOOT	PSL DEPARTMENT CEMENT	
LOCATION LIBERAL Ks.	COMPANY EAGLE CREEK CORP.	CUSTOMER REP / PHONE BILL CRAIG	
TICKET AMOUNT	WELL TYPE 01	API / UWI #	
WELL LOCATION LAND	DEPARTMENT CEMENT	JOB PURPOSE CODE 010	
LEASE / WELL # HOKACE 2-17	SEC / TWP / RNG 17-24S-29W	ORIGINAL	

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
T. BROADFOOT 74604	T. POYER 48720	C. ASHLEY 44061 0	D. CORPENING H2441

HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES
420045	76	53554-76900	76	5184-77031	100	52276-5742	100

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
6-15-97 0500	6-15-97 0730	6-15-97 1745	6-15-97 2000	

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY	MAKE
Float Collar INSERT	1	A
Float Shoe Tillyp	1	
Guide Shoe	0	
Centralizers 5-4	2	
Bottom Plug	0	W
Top Plug	0	
Head	0	C
Packer BASKET CNT	1	
Other	0	

WELL DATA

NEW/USED	WEIGHT	SIZE	FROM	TO	MAX ALLOW
Casing N	24	8 5/8	KB-1	1564	
Liner KCC					
Tbg/D.P. AUG 25					
Open Hole CONFIDENTIAL		12 1/4	KB	1564	SHOTS/FT.
Perforations					
Perforations					
Perforations					

MATERIALS

Treat Fluid	Density	Lb/Gal
Disp. Fluid	Density	Lb/Gal
Prop. Type	Size	Lb.
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	Qty.
Perfpac Balls	Qty.	
Other		
Other		
Other		
Other		

HOURS ON LOCATION		OPERATING HOURS		DESCRIPTION OF JOB
DATE	HOURS	DATE	HOURS	
6-15-97	1745			25 BBL
				CNT PIT
				44 SKS
TOTAL		TOTAL		

HYDRAULIC HORSEPOWER

Avail. _____ Used _____

AVERAGE RATES IN BPM

Disp. _____ Overall _____

CEMENT LEFT IN PIPE

Reason SHOE JT.

CEMENT DATA

STAGE	SACKS	CEMENT	BULK/SKS	ADDITIVES	YIELD	LBS/GAL
1	370	Micon PF	B	3% C.C. - 1/4# / SK	3.22	11.1
1	100	Prem Plus	B	2% C.C.	1.32	14.8

Circulating _____	Displacement _____	Preflush: Gal (BBI) _____	Type _____
Breakdown _____	Maximum _____	Lead & Bkdn: Gal - BBI _____	Pad: BBI - Gal _____
Average _____	Frac Gradient _____	Treatment Gal - BBI _____	Disp: BBI - Gal 76.8
Shut In: Instant _____	5 Min _____ 15 Min _____	Cement Slurr Gal (BBI) 212 - 23.5	
		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
W.C. Craig

JURTON

JOB SUMMARY 4239-1

TICKET #	255 10-X	TICKET DATE	6-29-97
BDA / STATE	K.S.	COUNTY	MCRAE
PSL DEPARTMENT	CMT.		
CUSTOMER REP / PHONE	DAVE CALLEWAERT		
API / UWI #	1519209810000		
JOB PURPOSE CODE	035	ORIGINAL	

North America	NWA/COUNTRY	USA
MBU ID / EMP #	EMPLOYEE NAME	JT. DAVIS
LOCATION	COMPANY	EASLE CREEK
TICKET AMOUNT	WELL TYPE	02
WELL LOCATION	DEPARTMENT	CMT
LEASE / WELL #	SEC / TWP / RNG	17-34-29

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
S. RAINES 14377							
G. HUMPHREYS 49692							
R. TERRY 69948							

CONFIDENTIAL

HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES
52938-7131	80						
420042	"						
50507-75505	130						
50866-75817	130						

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
6-29-97	10:30	1345	6-30-97	6-30-97
			0115	0710

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY	MAKE
Float Collar - FULL 4 1/2	1	4
Float Shoe - JASUIT "	1	
Guide Shoe -		
Centralizers 3.4 "	"	
Bottom Plug SET "	1	
Top Plug DV TSP "	1	
Head POT PC "	1	
Packer		
Other DIXIE "	1	

WELL DATA

	NEW/USED	WEIGHT	SIZE	FROM	TO	MAX ALLOW
Casing	NEW	10.5	4 1/2	16	67.50	
Liner						
Liner						
Tbg/D.P.						
Tbg/D.P.						
Open Hole						
Perforations						
Perforations						
Perforations						

KCC
AUG 25 SHOTS/FT.
CONFIDENTIAL

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	
RELEASED		RECEIVED		CEMENT 4 1/2 LBS STRIKE
SEP 16 1998		AUG 25 1997		
FROM CONFIDENTIAL		TOTAL		RESERVATION DIVISION

ORDERED	Avail.	Used
TREATED	AVERAGE RATES IN BPM	
FEET 42	Disp.	Overall
	CEMENT LEFT IN PIPE	
	Reason	5600 JT.

CEMENT DATA

STAGE	SACKS	CEMENT	BULK/SKS	ADDITIVES	YIELD	LBS/GAL
1	385	HEM	B	2 1/2% LBS 05% HEMAD 9 3% LCC 1% MAS	1.54	14.1
2	120	HEM	B	2% CC. 1% MAS 1	1.18	15.6

Circulating Breakdown	Displacement Maximum	Preflush: Gal - BBI 1000	Type M.F.
Average	Frac Gradient	Load & Bkdn: Gal - BBI	Pad: BBI - Gal
Shut In: Instant	5 Min 15 Min	Treatment Gal - BBI	Disp: BBI Gal 99
		Cement Slurr Gal - BBI	21 ST 105.60 2M 8 25.22
		Total Volume Gal - BBI	



HALLIBURTON

HALLIBURTON ENERGY SERVICES

1906-Q

CHARGE TO: **EAGLE CREEK CORPORATION**
 ADDRESS: _____
 CITY, STATE, ZIP CODE: _____

CUSTOMER COPY TICKET
 No. **235740 - X**
 PAGE 1 OF 2

1. SERVICE LOCATIONS: **015540**
 2. TICKET TYPE: **023535**
 3. WELL TYPE: **02**
 4. REFERRAL LOCATION: _____

WELL/PROJECT NO.: **2-17**
 LEASE: **HORACE**
 COUNTY/PARISH: **MADE**
 STATE: **LS**
 CITY/OFFSHORE LOCATION: **FORGAN**
 DATE: **6-29-97**
 OWNER: **STAME**

TICKET TYPE: SERVICE SALES
 NITROGEN JOB? YES NO
 CONTRACTOR: **ABERCOMBIE**
 RIG NAME/NO.: **#5**
 SHIPPED VIA: **HAXO**
 DELIVERED TO: **LOCATION**
 ORDER NO.: _____
 WELL PERMIT NO.: **1519209810000**
 WELL LOCATION: **LAND**

WELL CATEGORY: **01**
 JOB PURPOSE: **035**

INVOICE INSTRUCTIONS: _____

ORIGINAL

JOB PURPOSE	PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.	U/M	QTY.	U/M	UNIT PRICE	AMOUNT
			LOC	ACCT	DF							
	000-117		1			MILEAGE	R/T	80	MI	3.20	256.00	
	000-119		1			CREW MEAL	R/T	80	MI	1.95	156.00	
	007-161					PUMP CHARGE (FIRST STAGE)		6250	FT.	6.14	238.60	
	007-161	001-016				PUMP CHARGE (SECOND STAGE)		3574	FT.	6.14	1705.00	
	27	815.19111	1			FILL UP		1	EA.	4.12	52.00	
	26	847.6316	1			INSERT FLOAT SHOE		1	EA.		314.00	
	40	806.60004	11			CENTRALIZERS		11	EA.	56.00	616.00	
	71	813.56125	1			DV TOOLS		1	EA.		3066.00	
	350	890.10802	1			WELD-A		1	EA.		16.00	
	75	813.16411	1			LATCH DOWN PLUG SET		1	EA.		760.00	
	820	800.71415	1			CEMENT BASKET		1	EA.		108.00	
	018-315		1			MUD FLUSH		1000	GAL	0.75	750.00	
	019-241		+			CASING SURVEY		1	EA.	4.12	300.00	
	001-018		1			ADDITIONAL HRS		1	EA.	291.00	291.00	

LEGAL TERMS: Customer hereby acknowledges and agrees to the terms and conditions, on the reverse side hereof which include, but are not limited to, PAYMENT, RELEASE, INDEMNITY, and LIMITED WARRANTY provisions.

DATE SIGNED: **6/29/97** TIME SIGNED: **3:30**
 A.M. P.M.
 do do not require IPC (Instrument Protection). Not offered

TYPE LOCK: _____ SUB SURFACE SAFETY VALVE WAS:
 PULLED & RETURN PULLED RUN
 BEAN SIZE: _____ TYPE OF EQUALIZING SUB: _____ CASING PRESSURE: _____
 DEPTH: **AUG 25 1997** TUBING SIZE: _____ TUBING PRESSURE: _____ WELL DEPTH: _____
 SPACERS: _____ TREE CONNECTION: _____ TYPE VALVE: _____
 CONSERVATION DIVISION

PAGE TOTAL: **10476**
 CONTINUATION PAGE(S): **12664**
 SUB-TOTAL APPLICABLE TAXES WILL BE ADDED ON INVOICE: **23141**

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES The customer hereby acknowledges receipt of the materials and services listed on this ticket.

OWNER OR CUSTOMER'S AGENT (PLEASE PRINT): **Joe Collewae** CUSTOMER OR CUSTOMER'S AGENT (SIGNATURE): **X [Signature]**
 HALLIBURTON OPERATOR/ENGINEER: **Tyco Dain** EMP #: **F4550**
 HALLIBURTON APPROVAL: _____

WAIVER - Customer
 limited by law.
 OPERATIONS - C
 executive

BURTON®

JOB LOG 239-5

TICKET #	TICKET DATE
BDA / STATE	COUNTY
PSL DEPARTMENT	
CUSTOMER REP / PHONE	
API / UWI #	
JOB PURPOSE CODE	

ORIGINAL

North America	NWA/COUNTRY
EMP #	EMPLOYEE NAME
LOCATION	COMPANY
TICKET AMOUNT	WELL TYPE
WELL LOCATION	DEPARTMENT
LEASE / WELL #	SEC / TWP / RNG

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
CONFIDENTIAL			

CHART NO.	TIME	RATE (BPM)	VOLUME ((BBL)(GAL)	PUMPS		PRESS. (psi)		JOB DESCRIPTION / REMARKS
				T	C	Tbg	Csg	
	0730							Called out for job
	0745							on Loc #17 LMPH
	1130							cut off hole with air up cables
	1910							Start 477 LMPH
	2045							Start 12.5 LMPH in T + GW at 3.57 Hrs
	2300							FROM CONFIDENTIAL
	2335							Let out hole pump
	2400							Thru cell back down to pit
	2413	1.0	10			250		Pump 14.1
	2447	6.0	105.5			350		Pump 12.5, pressure 14.1
	2440	0	105.5			0		Shut down hole pump
	2450	6.0	40			65		Pump 12.5
	2457	5.5	59			6.5		Pump 12.5
	2503	5.5	59			150		67 Hrs
	2508	2.0	59			600		Pressure 14.1
	2515	2.0	59			750		Let out hole pump
	2516	0	59			750		Let out hole pump
	2523							Let out hole pump
	2545	2.5	1			2450		Let out hole pump
	2555							Let out hole pump
	2630							Let out hole pump
	2643	5.5	10			180		Let out hole pump
	2643	5.5	10			180		Pump 14.1
	2645	5.5	25			300		Pump 12.5, pressure 14.1
	2653	0	25			0		Shut down hole pump
	2656	5.5	57			80		Pump 14.1
	2702	5.5	57			13		Let out hole pump
	2705	2.0	57			300		50 Hrs
	2708	2.0	57			750		Let out hole pump
	2709	0	57			750		Let out hole pump
	2710							Job over

RECEIVED
 KANSAS CORPORATION COMMISSION

AUG 25 1997

CONSERVATION DIVISION
 WICHITA, KS

KCC
 AUG 25
 CONFIDENTIAL