

CONFIDENTIAL

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

KCC

JUN 18 2001

Form ACO-1  
September 1999  
Form Must Be Typed

WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

ORIGINAL

Operator: License # 9412  
Name: Henry Nightengale  
Address: HCR 1, Box 52A  
City/State/Zip: Sublette, Kansas 67877  
Purchaser: NA  
Operator Contact Person: Henry Nightengale  
Phone: (620) 668-5441  
Contractor: Name: Cheyenne Drg., Inc.  
License: 5382

Wellsite Geologist: Ron Osterbuhr  
Designate Type of Completion:  
 New Well  Re-Entry  Workover  
 Oil  SWD  SIOW  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. \_\_\_\_\_

<u>04/17/01</u> Spud Date or Recompletion Date	<u>04/19/01</u> Date Reached TD	<u>05/25/01</u> Completion Date or Recompletion Date
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API No. 15 - 081-21392 -0000

County: Haskell

W2. \_\_\_\_\_ Sec. 19 Twp. 27 S. R. 31  East  West

2640 feet from (S) / N (circle one) Line of Section

1250 feet from E / W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:

(circle one) NE SE NW (SW)

Lease Name: Nightengale Well #: 1-19

Field Name: Hugoton-Infill

Producing Formation: Chase Group

Elevation: Ground: 2848' Kelly Bushing: 2859'

Total Depth: 2720' Plug Back Total Depth: 2717'

Amount of Surface Pipe Set and Cemented at 1010 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

(Data must be collected from the Reserve Pit)

Chloride content 22,000 ppm Fluid volume 950 bbls

Dewatering method used evaporation

Location of fluid disposal if hauled offsite: \_\_\_\_\_

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 complete and correct to the best of my knowledge.

Signature: Ronald Osterbuhr

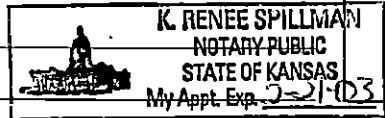
Title: AGENT Date: 6-18-01

Subscribed and sworn to before me this 18th day of June

2001

Notary Public: K. Renee Spillman

Date Commission Expires: 2-21-03



**KCC Office Use ONLY**

Letter of Confidentiality Attached

If Denied, Yes  Date: \_\_\_\_\_

Wireline Log Received

Geologist Report Received

UIC Distribution

✓

X

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Operator Name: Henry Nightengale Lease Name: Nightengale JUN 18 2003 # 1-19
Sec. 19 Twp. 27 S. R. 31 East West County: Haskell

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Release

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.

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Drill Stem Tests Taken Yes No
Samples Sent to Geological Survey Yes No
Cores Taken Yes No
Electric Log Run Yes No
List All E. Logs Run:
CASED-HOLE only: G/R-DSN-CCL, MSG-bond

Table with 3 columns: Name, Top, Datum. Rows include T/Cedar Hills, B/Stone Corral, T/Hollenberg, T/Herington.

CASING RECORD table with columns: Purpose of String, Size Hole Drilled, Size Casing Set, Weight Lbs./Ft., Setting Depth, Type of Cement, # Sacks Used, Type and Percent Additives.

ADDITIONAL CEMENTING / SQUEEZE RECORD table with columns: Purpose, Depth Top Bottom, Type of Cement, #Sacks Used, Type and Percent Additives.

PERFORATION RECORD - Bridge Plugs Set/Type table with columns: Shots Per Foot, Specify Footage of Each Interval Perforated, Acid, Fracture, Shot, Cement Squeeze Record.

TUBING RECORD table with columns: Size, Set At, Packer At, Liner Run, Date of First, Resumed Production, Producing Method, Estimated Production Per 24 Hours.

Disposition of Gas METHOD OF COMPLETION Production Interval
Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled

**GEOLOGICAL & COMPLETION SUMMARY**

**OPERATOR: Henry Nightengale**

**KCC#: 9412**

**WELL NAME: Nightengale #1-19**

**API#: 15-081-21392**

**LOCATION: 2640' FSL, 1250' FWL Sec 19-T27S-R31W**

**COUNTY: Haskell**

**ELEVATIONS: G.L.-2848', K.B.-2859 (ref.datum)**

**TOTAL DEPTH: 2720'**

**SPUD DATE: 04/17/01 DRILLING COMPLETED: 04/19/01**

**COMPLETION DATE: 05/25/01**

**DRILLING CONTRACTOR: Cheyenne Drlg.- Rig #3**

**KCC#: 5382**

**SURFACE CASING: 8.625", new 23#**

**SET @: 1010'**

**CASING EQUIPMENT:**

**CEMENT:**

**COMMENTS:**

**PRODUCTION CASING: 5 1/2", 14#, new**

**SET @: 2719'**

**CASING EQUIPMENT:**

**1<sup>st</sup> STAGE CEMENT:**

Release

**2<sup>nd</sup> STAGE CEMENT:**

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**COMMENTS:**

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**OPEN-HOLE LOGS: None**

**CASED-HOLE LOGS: G/R-CCL-DSN, MSG Bond Log**

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**SIGNIFICANT DEPTHS: (log depths measured from K.B. @ 2859')**

Horizon	Depth	Datum	Remarks
T/Cedar Hills	1375'	+1484'	
B/Stone Corral	1900'	+ 959'	
T/Hollenberg	2646'	+ 213'	
T/Herington	2682'	+ 177'	perforated from 2684-2694' (4 spf)
T/Krider	2702'	+ 157'	perforated from 2705'-2711' (4spf)
T/Winfield	N.R.		
Rotary Total Depth	2720'	+ 139'	
Plugged-back Depth	2717'	+ 142'	

**PERFORATIONS: 2684'-2694', 2705'-2711',**

**ACID TREATMENTS: 1500 gallons of 20% FE acid, 100 ball sealers, 2900 gallons of 2% KCl water. ISIP was 122#, vacuum in 9 minutes.**

**FRACTURE TREATMENTS: 19590# of 15/30 Ottawa sand, 142 bbls of treated water, 149,650 scf N<sub>2</sub>.**

**REMARKS: Maximum shut-in pressure during completion operations was 350#.**

Prepared by: Ronald G. Osterbuhr

# ALLIED CEMENTING CO., INC. 7623

Federal Tax I.D.# 48-0727860

REMIT TO P.O. BOX 31  
RUSSELL, KANSAS 67665

ORIGINAL

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SERVICE POINT:

Callery

DATE <u>4/15/01</u>	SEC. <u>19</u>	TWP. <u>27s</u>	RANGE <u>31W</u>	CALLED OUT	ON LOCATION <u>12:30 AM</u>	JOB START <u>6:00 AM</u>	JOB FINISH <u>7:05 AM</u>
LEASE/ <u>Wrightgate</u>		WELL# <u>1-19</u>	LOCATION <u>S37N150 6E 2nd E15</u>	COUNTY <u>Haskell</u>		STATE <u>KS</u>	
OLD OR <u>NEW</u> (Circle one)				<b>KCC</b>			

CONTRACTOR Cheverne #3

TYPE OF JOB Cmt 5 1/2 Surface Cas

HOLE SIZE 12 1/4 T.D. 1010

CASING SIZE 5 5/8 DEPTH 1010

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX 750 MINIMUM 50

MEAS. LINE SHOE JOINT 43

CEMENT LEFT IN CSG.

PERFS.

DISPLACEMENT 67,613L

OWNER Samir

CEMENT AMOUNT ORDERED

300 sks Lite + 39% no 1/2 Flu-sol

150 sks Class A + 39% eo

COMMON	<u>150 c'</u>	@	<u>7.55</u>	<u>1132.50</u>
POZMIX		@		
GEL		@		
CHLORIDE	<u>15 skt,</u>	@	<u>29.00</u>	<u>470.00</u>
	<u>300 c'</u>	@	<u>6.65</u>	<u>1995.00</u>
	<u>Flu-sol 750</u>	@	<u>1.40</u>	<u>105.00</u>
		@		
		@		
HANDLING	<u>450</u>	@	<u>1.05</u>	<u>510.30</u>
MILEAGE	<u>48.1 mi</u>			<u>777.60</u>

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TOTAL 4941.50

**EQUIPMENT**

PUMP TRUCK CEMENTER Max

# 300 HELPER Wayne

BULK TRUCK

# 750 DRIVER Walt

BULK TRUCK

# DRIVER David

**REMARKS:**

CHIT 9 1/2 Surface Cas with 300 sks Lite + 150 sks Class A from plus displac 67,613 L and plus float held cement did circulate

**SERVICE**

DEPTH OF JOB	<u>1010</u>			
PUMP TRUCK CHARGE				<u>780.00</u>
EXTRA FOOTAGE		@		
MILEAGE	<u>48 mi</u>	@	<u>3.00</u>	<u>120.00</u>
PLUG	<u>3 1/2 Rubber</u>	@		<u>90.00</u>
		@		
		@		

Release

TOTAL 990.00

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From FLOAT EQUIPMENT

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<u>1-5 1/2 T-x 12 1/4 S Ho-</u>	@		<u>265.00</u>
<u>1-5 1/2 HFU Insert</u>	@		<u>375.00</u>
<u>2-5 1/2 Centralizers</u>	@	<u>55.00</u>	<u>110.00</u>
	@		
	@		

TOTAL 700.00

CHARGE TO: Henry Wrightgate

STREET \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

To Allied Cementing Co., Inc.  
You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side.

TAX \_\_\_\_\_

TOTAL CHARGE 6580.40

DISCOUNT 659.04 IF PAID IN 30 DAYS

5922.36

SIGNATURE Neil Lloyd

Neil Lloyd  
PRINTED NAME

## GENERAL TERMS AND CONDITIONS

**DEFINITIONS:** In these terms and conditions, "Allied" shall mean Allied Cementing Co., Inc., and "Customer" shall refer to the party identified by that term on the front of this contract. As applicable, "Job" relates to the services described on the front side of this contract, "merchandise" refers to the material described on the front of this contract and to any other materials, products, or supplies used, sold, or furnished under the requirements of this contract.

—**TERMS:** Unless satisfactory credit has been established, "CUSTOMER" must tender full cash payment to "ALLIED" before the job is undertaken or merchandise is delivered. If satisfactory credit has been established, the terms of payment for the job and/or merchandise, including bulk cement, are net cash, payable in 30 days from the completion of the job and/or delivery of the merchandise. For all past due invoices, "CUSTOMER" agrees to pay interest on amounts invoiced at a rate of 18 percent per annum until paid. Notwithstanding the foregoing, in no event shall this Contract provide for interest exceeding the maximum rate of interest that "CUSTOMER" may agree to pay under applicable law. If any such interest should be provided for, it shall be and hereby is deemed to be a mistake, and this contract shall be automatically reformed to lower the rate of interest to the maximum legal contract rate, any amounts previously paid as excess interest shall be deducted from the amounts owing from the "CUSTOMER" or at the option of "ALLIED," refunded directly to "CUSTOMER." For purposes of this paragraph, ALLIED and CUSTOMER agree that KANSAS law shall apply. Any discounts granted with this contract are null and void if the charges are not paid when due.

—**ATTORNEY FEES:** In any legal action or proceeding between the parties to enforce any of the terms of this Service Contract, or in any way pertaining to the terms of this Contract, the prevailing party shall be entitled to recover all expenses, including, but not limited to, a reasonable sum as and for attorney's fees.

—**PRICES AND TAXES:** All merchandise listed in "ALLIED'S" current price schedule are F.O.B. ALLIED'S local station and are subject to change without notice. All prices are exclusive of any federal, state, local, or special taxes for the sale or use of the merchandise or services listed. The amount of taxes required to be paid by ALLIED shall be added to the quoted prices charged to CUSTOMER.

—**TOWING CHARGES:** ALLIED will make a reasonable attempt to get to and from each job site using its own equipment. Should ALLIED be unable to do so because of poor or inadequate road conditions, and should it become necessary to employ a tractor or other pulling equipment to get to or from the job site, the tractor or pulling equipment will be supplied by CUSTOMER or, if furnished by ALLIED, will be charged to and paid by CUSTOMER.

—**PREPARATION CHARGES:** If a job and/or merchandise is ordered and CUSTOMER cancels the order after preparation of a chemical solution or other material, CUSTOMER will pay ALLIED for the expenses incurred by ALLIED as a result of the cancellation.

—**DEADHAUL, CHARGES:** Unless otherwise specified on the front of this Contract, a deadhaul charge as set forth in ALLIED'S current price book will be charged each way for each service unit which is ordered by CUSTOMER but not used.

—**SERVICE CONDITIONS AND LIABILITIES:** 1. ALLIED carries public liability and property damage insurance, but since there are so many uncertain and unknown conditions beyond ALLIED'S control, ALLIED shall not be liable for injuries to property or persons or for loss or damage arising from the performance of the job or delivery of the merchandise. Customer shall be responsible for and indemnify, defend, and hold harmless ALLIED, its officers, agents and employees, from and against any and all claims or suits for:

(A) Damage to property or for bodily injury, sickness, disease, or death, brought by any person, including CUSTOMER and/or the well owner; and:

(B) Oil spills, pollution, surface or sub-surface damage, injury to the well, reservoir loss, or damage arising from a well blowout arising out of or in connection with ALLIED'S performance of the job or furnishing of merchandise in accordance with this contract, unless such loss or damage is caused by the willful misconduct or gross negligence of ALLIED or its employees.

2. With respect to any of ALLIED'S tools, equipment, or instruments which are lost in the well or damaged when performing or attempting to perform the job or, in the case of marine operations, are lost or damaged at any time after delivery to the landing for CUSTOMER and before return to ALLIED at the landing, CUSTOMER shall either recover the lost item without cost to ALLIED or reimburse ALLIED the current replacement cost of the item unless the loss or damage results from the sole negligence of ALLIED or its employees.

3. ALLIED does not assume any liability or responsibility for damages or conditions resulting from chemical action in cements caused by contamination of water or other fluids.

**WARRANTIES:** 1. ALLIED warrants all merchandise manufactured or furnished by it to be free from defects in material and workmanship under normal use and service when installed, and used, and/or serviced in the manner provided and intended. ALLIED'S obligation under this warranty is expressly limited to repair, replacement, or allowance for credit, at its option, for any merchandise which is determined by ALLIED to be defective. THIS IS THE SOLE WARRANTY OF ALLIED AND NO OTHER WARRANTY IS APPLICABLE, EITHER EXPRESS OR OTHERWISE IMPLIED, IN FACT OR IN LAW, INCLUDING ANY WARRANTY AS TO MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE, CUSTOMER'S sole and only remedy with regard to any defective merchandise shall be the repair or replacement thereof or allowance for credit as herein provided, and ALLIED shall not be liable for any consequential, special, incidental, or punitive damages resulting from or caused by defective materials, products or supplies.

2. More specifically:

(A) Nothing in this contract shall be construed as a warranty by ALLIED of the success or the effectiveness of the result of any work done or merchandise used, sold, or furnished under this contract.

(B) Nothing in this contract shall be construed as a warranty of the accuracy or correctness of any facts, information, or data furnished by ALLIED or any interpretation of tests, meter readings, chart information, analysis of research, or recommendations made by ALLIED, unless the inaccuracy or incorrectness is caused by the wilful misconduct or gross negligence of ALLIED or its employees in the preparation or furnishing of such facts, information or data.

(C) Work done by ALLIED shall be under the direct supervision and control of the CUSTOMER or his agent and ALLIED will accomplish the job as an independent contractor and not as an employee or agent of the CUSTOMER.

<b>HALLIBURTON</b>		<b>JOB SUMMARY</b>		1252397	TICKET DATE 04/19/01
REGION <b>NORTH AMERICA LAND</b>		MVA / COUNTRY <b>MID CONTINENT USA</b>		BDA / STATE <b>KS</b>	COUNTY <b>HESKELL</b>
MBU ID / EMPL # <b>MCL10110 106328</b>		H.E.S. EMPLOYEE NAME <b>NICK KORBE</b>		PSL DEPARTMENT <b>ZI</b>	
LOCATION <b>LIBERAL</b>		COMPANY <b>HENRY NIGHTENGALE</b>		CUSTOMER REP / PHONE <b>RON OSTERBUHR</b>	
TICKET AMOUNT <b>\$10,381.74</b>		WELL TYPE <b>GAS</b>		API/WVI #	
WELL LOCATION <b>12N,6E,2 1/2N OF SUBLETTE</b>		DEPARTMENT <b>CEMENT</b>		SAP BOMB NUMBER <b>7523</b>	Description <b>Cement Production Casing</b>
LEASE NAME <b>NIGHTENGALE</b>		Well No. <b>1#19</b>	SEC / TWP / RNS <b>19-27S-31W</b>	HES FACILITY (CLOSEST TO WELL SITE) <b>LIBERAL</b>	

HES EMP NAME / EMP # / (EXPOSURE HOURS)		HRS	HRS		HRS	
<b>Korbe, N 106328</b>		9.5				
<b>EVANS, J 212723</b>		9.5				
<b>BRYAM, V 159186</b>		9.5				

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HES UNIT #S / (R / T MILES)	R / T MILES	R / T MILES	R / T MILES	R / T MILES
<b>421270</b>	<b>110</b>	<b>54219/78299</b>	<b>110</b>	<b>54225/75819</b>

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

Date	Called Out <b>04/19/2001</b>	On Location <b>04/19/2001</b>	Job Started <b>04/19/2001</b>	Job Completed <b>04/20/2001</b>
Time	<b>1430</b>	<b>1730</b>	<b>2345</b>	<b>0030</b>

Tools and Accessories

Type and Size	Qty	Make
Float Collar L. D. BAFFLE 5 1/2"	1	HALCO
Float Shoe		
Centralizers S-4	8	HALCO
Top Plug 3W L. D.	1	HALCO
HEAD		
Limit clamp		
Weld-A	1	HALCO
Guide Shoe REG.	1	HALCO
BTM PLUG		

Well Data

	New/Used	Weight	Size	Grade	From	To	Max. Allow
Casing	NEW	14.0	5 1/2"		0	2727'	
Liner							
Liner							
Tubing							
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		

Hours On Location

Date	Hours
4/19	7.5
4/20	2.0
Total	9.5

Operating Hours

Date	Hours
4/19	0.5
4/20	0.5
Total	1.0

Description of Job

**CEMENT PRODUCTION CASING**

**From**

**JUL 0 8 2003**

Ordered \_\_\_\_\_ Hydraulic Horsepower Avail. \_\_\_\_\_  
 Treating \_\_\_\_\_ Average Rates in. BPM \_\_\_\_\_  
 Feet .5' \_\_\_\_\_ Cement Left in Pipe \_\_\_\_\_  
 Reason SHOE JOINT

Cement Data

Stage	Sacks	Cement	Bulk/Sks	Additives	W/Rq.	Yield	Lbs/Gal
LEAD	145	P+MID-CON	BULK	.1%FWCA, 1/8# POLY E FLAKE	17.70	2.87	11.40
TAIL	145	PREM. +	BULK	.5% HALAD-322, 1/8# POLY E FLAKE	6.30	1.34	14.8

Summary

Circulating Breakdown	Displacement	MAXIMUM	Preflush: BBI	10.00	Type: FRESH WATER
Lost Returns	Lost Returns		Load & Bkdn: Gal - BBI		Pad:Bbl - Gal
Cmt Rtn#Bbl	Actual TOC		Excess /Return BBI		Calc. Disp Bbl 67
Average	Frac. Gradient		Calc. TOC:		Actual Disp.
Shut In: Instant	5 Min.	15 Min.	Treatment: Gal - BBI		Disp:Bbl
			Cement Slurry BBI 74	35.0	SEE JOB LOG
			Total Volume BBI	#VALUE!	

Frac Ring #1 \_\_\_\_\_ Frac Ring #2 \_\_\_\_\_ Frac Ring #3 \_\_\_\_\_ Frac Ring #4 \_\_\_\_\_

**THE INFORMATION STATED HEREIN IS CORRECT**  
 CUSTOMER REPRESENTATIVE \_\_\_\_\_

**JUL 0 8 2003**  
 SIGNATURE \_\_\_\_\_

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