

**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

Operator: License # 5249
Name: Osborn Heirs Company
Address: P. O. Box 17968
City/State/Zip: San Antonio, Tx 78217
Purchaser: well connection to Duke Energy
Operator Contact Person: Nancy A. FitzSimon
Phone: (210) 826-0700 ext 223
Contractor: Name: Cheyenne Drilling
License: 5382
Wellsite Geologist: na

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>9/24/2001</u>	<u>9/26/2001</u>	<u>11/25/2001</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 093-21685-0000
County: Kearny
NE Sec. 11 Twp. 21 S. R. 38 East West
1320 feet from S / (N) (circle one) Line of Section
1320 feet from (E) / W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: David Well #: 1B
Field Name: Hugoton
Producing Formation: Chase
Elevation: Ground: 3377 ft Kelly Bushing: 3384 ft
Total Depth: 2977 ft Plug Back Total Depth: 2927 ft
Amount of Surface Pipe Set and Cemented at 224 Feet

Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set _____ Feet
If Alternate II completion, cement circulated from 224
feet depth to surface w/ 240 sx cmt.

Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit)
Chloride content 6000 ppm Fluid volume _____ 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.: _____

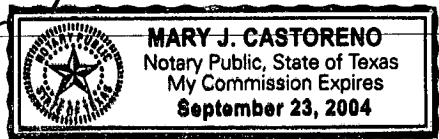
RECEIVED
KANSAS CORPORATION COMMISSION
CONSERVATION DIVISION
FEB 25 2002

alt II KGR 1/15/08

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: Nancy A. FitzSimon
Title: Engineering Manager Date: 2/21/02
Subscribed and sworn to before me this 21st day of February
18 2002
Notary Public: Mary J. Castoreno
Date Commission Expires: _____



KCC Office Use ONLY

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

Operator Name: Osborn Heirs Company Lease Name: David Well #: 1B
 Sec. 11 Twp. 21 S. R. 38 East West County: Kearny

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: compensated neutron, litho-density, spectral gamma ray. array induction, gamma ray, microlog	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:10%;"><input checked="" type="checkbox"/> Log</td> <td style="width:70%;">Formation (Top), Depth and Datum</td> <td style="width:20%;"><input type="checkbox"/> Sample</td> </tr> <tr> <td>Name</td> <td>Top</td> <td>Datum</td> </tr> <tr> <td>Krider</td> <td>2634 ft</td> <td>+750</td> </tr> <tr> <td>Winfield</td> <td>2678 ft</td> <td>+706</td> </tr> <tr> <td>Fort Riley</td> <td>2766 ft</td> <td>+618</td> </tr> <tr> <td>Council Grove</td> <td>2864 ft</td> <td>+520</td> </tr> </table>	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample	Name	Top	Datum	Krider	2634 ft	+750	Winfield	2678 ft	+706	Fort Riley	2766 ft	+618	Council Grove	2864 ft	+520
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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
surface	12-1/4"	8-5/8"	23.00#/ft	224.45 ft	premium	240	2% CaCl2
production	7-7/8"	5-1/2"	14.00#/ft	2977.14 ft	premium	560	1/4 pps 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				

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
4	Krider 2634'-2640' (6 ft, 24 total holes)		
4	Winfield 2680'-2690' (10 ft, 40 total holes)		
4	Towanda 2718'-2722' (4 ft, 16 total holes)		
4	Towanda 2728'-2730' (2 ft, 8 total holes)		

TUBING RECORD		Size <u>2-3/8'</u>	Set At <u>2781'</u>	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Enhr. <u>12/30/2001</u>		Producing Method <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. <u>0</u>	Gas Mcf <u>10</u>	Water Bbls. <u>190</u>	Gas-Oil Ratio	Gravity

Disposition of Gas Vented Sold Used on Lease *(If vented, Sumit ACO-18.)*

METHOD OF COMPLETION Open Hole Perf. Dually Comp. Commingled Other (Specify) _____

Production Interval _____



JOB SUMMARY

SALES ORDER NUMBER 1536695	TICKET DATE 09/26/01
BDA / STATE KS	COUNTY KERNEY
PSL DEPARTMENT Cementing Services	ORIGINAL
CUSTOMER REP / PHONE RICHARD GEIER	
API/UWI #	
SAP BOMB NUMBER 7523	Description Cement Production Casing
HES FACILITY (CLOSEST TO WELL SITE) LIBERAL KS.	

REGION NORTH AMERICA LAND	MNA / COUNTRY USA
MBU ID / EMPL # MCLI 0113/212723	H.E.S. EMPLOYEE NAME JERRAKO EVANS
LOCATION LAKIN	COMPANY OSBORNE HEIRS
TICKET AMOUNT \$16,492.90	WELL TYPE OIL
WELL LOCATION LAKIN	DEPARTMENT ZI
LEASE NAME DAVID	Well No. 1-B
	SEC / TWP / RNG 11-21S-38W

HES EMP NAME / EMP # / (EXPOSURE HOURS)	HRS	HRS	HRS	HRS
EVANS, J - 212723	1.0	HaRPER, K 241985	1.0	
Clemens, A - 198516	1.0			
C DUXBURY 240187	1.0			
Lopez, J - 198514	1.0			

H.E.S. UNT #S / (R / T MILES)	R / T MILES	R / T MILES	R / T MILES	R / T MILES
421269	150			
10251403	150			
10244148-6610	75			
52938-75819	75			

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
	09/26/2001	09/26/2001	09/26/2001	09/27/2001
Time	1330	1700	2330	0030

Tools and Accessories

Type and Size	Qty	Make
Float Collar	1	HES
Float Shoe		
Centralizers	3	
Top Plug	1	
HEAD	1	
SCRACHERS	14	
Weld-A	1	
Guide Shoe	1	
BTM PLUG		

Well Data

	New/Used	Weight	Size	Grade	From	To	Max. Allow
Casing	N	15.5	5 1/2		0	2,965	
Liner							
Liner							
Tubing							
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	
Perpac Balls	Qty.	
Other		
Other		
Other		
Other		
Other		

Hours On Location		Operating Hours		Description of Job
Date	Hours	Date	Hours	
9/26	7.0	9/26	1.0	SEE JOB LOG
Total	7.0	Total	1.0	

Ordered	Hydraulic Horsepower Avail.	Used
Treating	Average Rates in BPM	Overall
Feet 34	Cement Left in Pipe	Reason
		SHOE JOINT

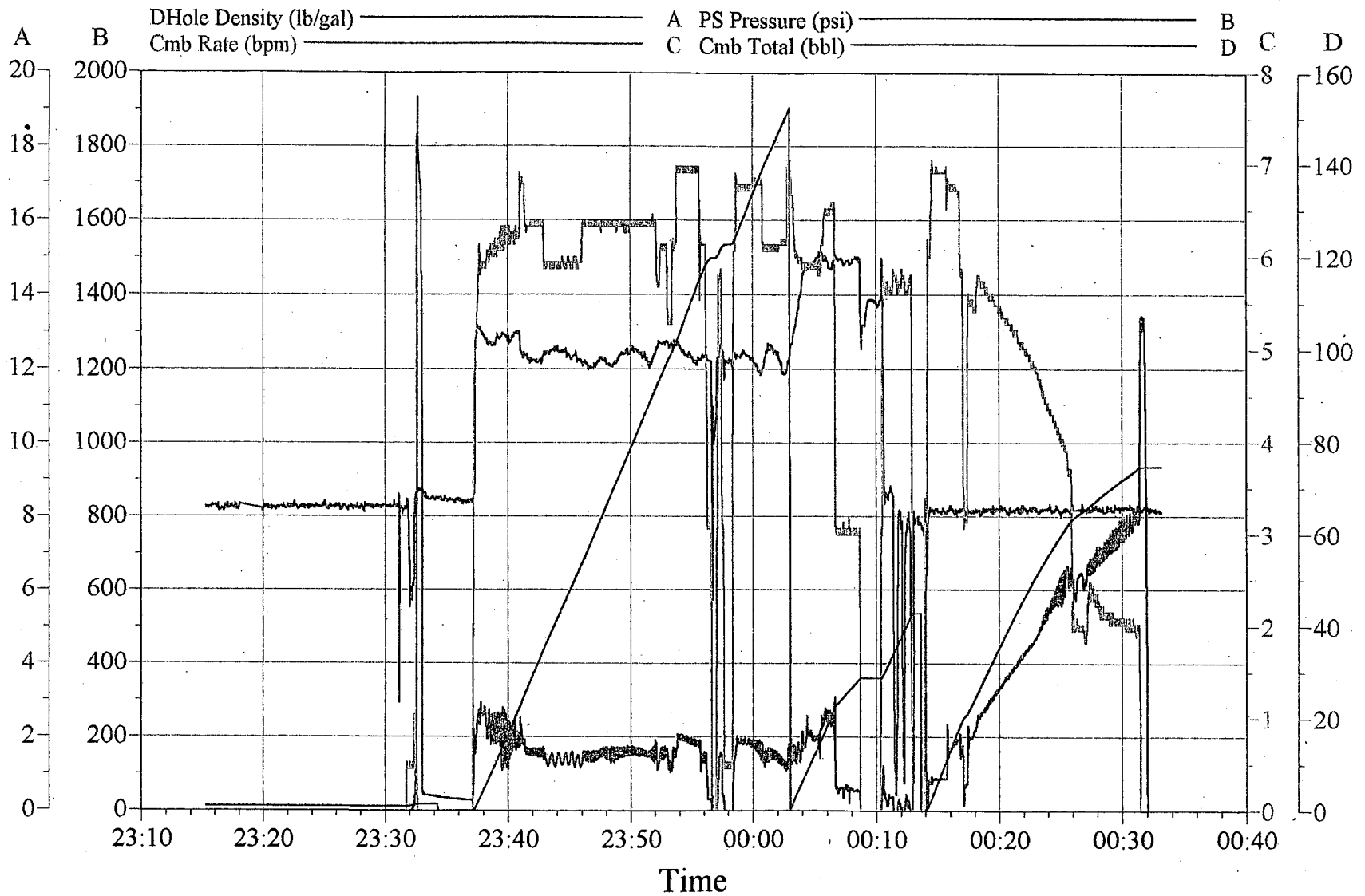
Cement Data

Stage	Sacks	Cement	Bulk/Sks	Additives	W/Rq.	Yield	Lbs/Gal
1	450	HLC C	BULK	1/8 # POLY FLAKE	11.28	2.02	12.30
2	110	PP	BULK	1% CC, 1/8 # POLY FLAKE	6.25	1.33	14.8

CONSERVATION DIVISION Summary

Circulating Breakdown	Displacement	Preflush: BBI	Type:
	MAXIMUM	Load & Bkdn: Gal - BBI	Pad: Bbl - Gal
Average	Frac. Gradient	Treatment: Gal - BBI	Disp: Bbl
Shut In: Instant	5 Min. 15 Min.	Cement Slurry BBI	LC 162 TC 26
		Total Volume BBI	70.00

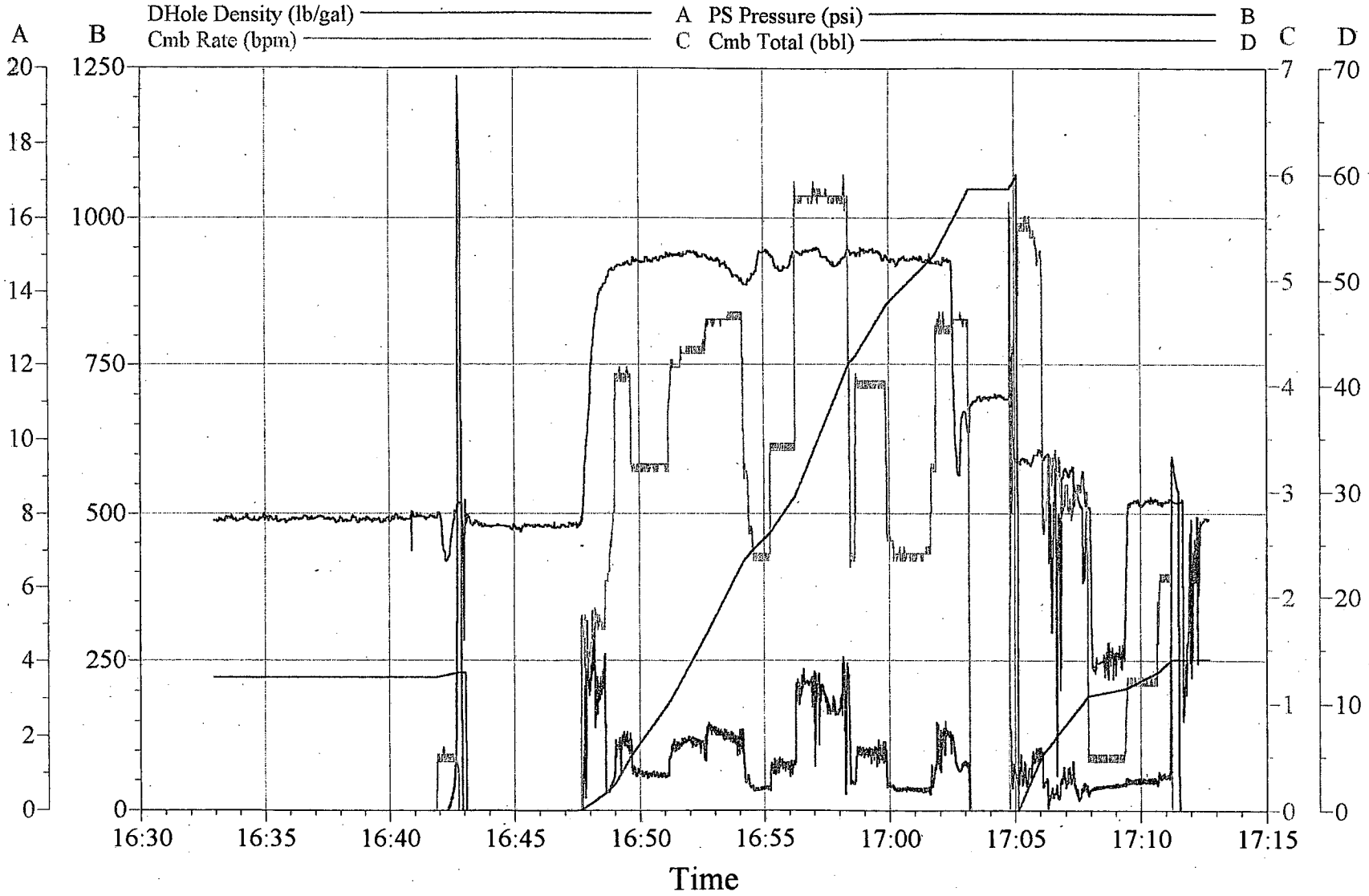
THE INFORMATION STATED HEREIN IS CORRECT
 CUSTOMER REPRESENTATIVE _____
 SIGNATURE _____



Customer:	Job Date:	Ticket #:
Well Description:	UWI:	

HALLIBURTON
 CemWin v1.3.0
 27-Sep-01 00:33

ORIGINAL



Customer:	Job Date:	Ticket #:
Well Description:	UWI:	



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24-Sep-01 17:13

ORIGINAL