

CONFIDENTIAL

15-175-21823-0000

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

KCC

Form ACO-1
September 1999
Form Must Be Typed

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

JUN 19 2001

ORIGINAL

CONFIDENTIAL

Operator: License # 6120
Name: Cabot Oil & Gas Corporation
Address: 600-17th Street, Suite 900 North
City/State/Zip: Denver, CO 80202
Purchaser: WNG
Operator Contact Person: Linda Wilkins
Phone: (303) 226-9428
Contractor: Name: Val Energy Inc.
License: 5822
Wellsite Geologist: Wildcat Well Logging, Larry Looper

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. _____
2/26/01 3/2/01 13/20/01
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15-175-21823-06-00
County: Seward
C-NW Sec. 17 Twp. 33 S. R. 33 East West
4030 feet from (S) (XXX) (circle one) Line of Section
4030 feet from (E) (XXX) (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
(circle one) NE (SE) (NW) SW
Lease Name: Brill Well #: 10-17
Field Name: Hugoton
Producing Formation: Chase Group
Elevation: Ground: 2864 Kelly Bushing: 2876
Total Depth: 2850 Plug Back Total Depth: 2789
Amount of Surface Pipe Set and Cemented at 792 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set _____ Feet
If Alternate II completion, cement circulated from N/A
feet depth to _____ w/ _____ sx cnt.

Drilling Fluid Management Plan RLT 1 27 9/5/02
(Data must be collected from the Reserve Pit)
Chloride content _____ ppm Fluid volume 2000 bbls
Dewatering method used Evaporation and dry out
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
JUN 21 2001

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: Linda D. Wilkins
Title: Operations Engineering Analyst Date: 6/19/01
Subscribed and sworn to before me this 19 day of June
19 2001
Notary Public: Mary D. Folvag
Date Commission Expires: 11-7-2002

KCC Office Use ONLY
 Confidentiality Attached
If Denied, Yes Date: _____
 Wireline Log Received
 MUD LOG
 Geologist Report Received
 UIC Distribution

MARY D. FOLVAG
NOTARY PUBLIC
STATE OF COLORADO
My Commission Expires 11/07/2002

Operator Name: Cabot Oil & Gas Corporation Lease Name: Brill Well #: 10-17
 Sec. 17 Twp. 33 S. R. 33 East West County: Seward

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 (Attach Additional Sheets) 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 (Submit Copy) List All E. Logs Run: Platform Express Microlog Gamma Ray ✓ Platform Express Array Induction Linear Correlation/GR ✓ Platform Express Compensated Neutron Lithodensity/GR	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th style="text-align: left;">Name</th> <th style="text-align: left;">Formation (Top), Depth and Datum</th> <th style="text-align: left;">Datum</th> </tr> <tr> <td>Herrington</td> <td>2587</td> <td>KB</td> </tr> <tr> <td>U. Krider</td> <td>2617</td> <td>KB</td> </tr> <tr> <td>L. Krider</td> <td>2647</td> <td>KB</td> </tr> <tr> <td>Winfield</td> <td>2703</td> <td>KB</td> </tr> <tr> <td>Ft. Riley</td> <td>2758</td> <td>KB</td> </tr> </table>	Name	Formation (Top), Depth and Datum	Datum	Herrington	2587	KB	U. Krider	2617	KB	L. Krider	2647	KB	Winfield	2703	KB	Ft. Riley	2758	KB
Name	Formation (Top), Depth and Datum	Datum																	
Herrington	2587	KB																	
U. Krider	2617	KB																	
L. Krider	2647	KB																	
Winfield	2703	KB																	
Ft. Riley	2758	KB																	

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	# Sacs Used	Type and Percent Additives
Surface	12-1/4"	8-5/8"	24#, J-55	792	35:65 Poz C	170	6% gel + 2% salt + 1/4#/sk Celloflake
					35:65 Poz C	150	2% salt + 1/4#/sk Celloflake
Production	7-7/8"	4-1/2"	10.5#, J-55	2839	35:65 Poz C	270	10% salt + 2% gel + 1/4#/sk Celloflake

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				

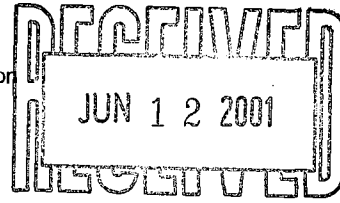
Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
2 SPF	2588-2598	Total Job: 7,518 gals 20% HCL +	
2 SPF	2618-2627	840 gals 2% KCL water + 64,500 SCF N2	
2 SPF	2659-2673		

TUBING RECORD		Size	Set At	Packer At	Liner Run	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
		2-1/16"	2567.50	None		
Date of First, Resumerd Production, SWD or Enhr.			Producing Method			
4/7/01			<input checked="" type="checkbox"/> Flowing <input 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	69	0		.7637	

Disposition of Gas	METHOD OF COMPLETION	Production Interval
<input type="checkbox"/> Vented <input checked="" type="checkbox"/> Sold <input type="checkbox"/> Used on Lease (If vented, Sumit ACO-18.)	<input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <input type="checkbox"/> Other (Specify) _____	2588' - 2598' 2659' - 2673' 2618' - 2627'

Schlumberger

CONFIDENTIAL



Dowell a Division of Schlumberger Technology Corporation
 204 S Missouri
 Ulysses, KS 67880
 Tel: 316 356 1272
 Fax: 316 356 1911

INVOICE

COPY

KCC

JUN 19 2001

ORIGINAL

CONFIDENTIAL

Service Date 02/27/2001		Job Number 20204332		Invoice Date 02/27/2001		Invoice 9090605100	
Bill To: CABOT OIL & GAS PRODUCTION CORP DOMINION PLAZA 600 - 17TH STREET, SUITE 900 NORTH DENVER CO 80202				Remit To: Dowell a Division of Schlumberger Technology Corporation PO Box 201556 Houston TX 77216-1556			
				RELEASED JUL 19 2002			
				FROM CONFIDENTIAL			
				Tax Registration Number: 22-1692661 We can invoice you EDI. Call (281) 285 4230 for more information.			
Terms 30 Days Net				Service Description DW Cementing-Case,Cement Surface			
Customer PO		Contract		AFE		Price Reference Dowell US	
Well BRILL 10-17		State KS	County/Parish/Block Seward		Legal Location SEC:17 T:33S R:33W		
Field HUGOTON		Customer or Authorized Representative Jim Pendergrass			Rlg		
Item	Description	Quantity	List Price	Disc	Net Price	Net Amount	
48019000	Cement Bulk Unit hrs On Location	4.000 HR	100.00	-32.000 %	68.0000	272.00	
48020000	Cement Pump-add. hr On Locat	4.000 HR	500.00	-10.000 %	450.0000	1,800.00	
48601000	Cement Head Rental	1.000 JOB	485.00	-32.000 %	329.8000	329.80	
49100000	Service Chg Cement Matl Land All DW Fur	449.000 CF	2.10	-32.000 %	1.4280	641.17	
49102000	Transportation Cement Ton Mile	1,329.000 MI	1.55	-32.000 %	1.0540	1,400.77	
59200002	Mileage, All Other Equipment	106.000 MI	4.15	-32.000 %	2.8220	299.13	
59697004	PRISM	1.000 JOB	810.00	-32.000 %	550.8000	550.80	
102871020	Casing Cmmt 0000-2000' 1st 4hr	1.000 EA	1,870.00	-32.000 %	1,271.6000	1,271.60	
Sub-Total Services						6,565.27	
50001085	Shoe, Reg Pattern Guide 8 5/8 In	1.000 EA	366.00	-32.000 %	248.8800	248.88	
56011085	Centralizer, Regular	5.000 EA	117.00	-32.000 %	79.5600	397.80	
56702085	Plug, Cementing 8 5/8 In Top Plastic	1.000 EA	156.00	-32.000 %	106.0800	106.08	
102946000	Fuel Surcharge	1.000 EA	135.12		135.1200	135.12	
D020	Bentonite Extender D20	1,000.000 LB	0.23	-32.000 %	0.1564	156.40	
D130	Polyester Flake D130	44.000 LB	3.93	-32.000 %	2.6724	117.59	
D132	Extender, Cement D132	60.000 CF	5.97	-32.000 %	4.0596	243.58	
D903	Cement, Class C D903	261.000 CF	14.55	-32.000 %	9.8940	2,582.33	
S001	Calcium Chloride 77% S1	582.000 LB	0.59	-32.000 %	0.4012	233.50	
Sub-Total Products						4,221.28	
Total before tax						10,786.55	
Tax, USState/CanGST 4.900 %						268.86	
Tax, US City 1.000 %						54.88	
Total Amount Due on or Before 03/29/2001 PAYABLE IN USD FUNDS						11,110.29	

Please reference invoice number 9090605100 on payment.

Thank-you for calling Dowell

Schlumberger Technology Corporation
204 S Missouri
Ulysses, KS

KCC

JUN 19 2001

ORIGINAL

CONFIDENTIAL

Job Number
20204332

Invoice Mailing Address:
CABOT OIL & GAS PRODUCTION CORP

600 - 17TH STREET, SUITE 900 NORTH
DENVER, CO
US

RELEASED

JUL 19 2002

FROM CONFIDENTIAL

ARRIVE LOCATION	Date	2/27/01	Time	5:00:00 AM
JOB START	Date	2/27/01	Time	12:59:00 PM
JOB COMPLETION	Date	2/27/01	Time	1:45:00 PM
LEAVE LOCATION	Date	2/27/01	Time	2:30:00 PM

Service Instructions
Cement 8 5/8" surface with 170 sks 35.65 POZ:Class C for a lead and 150 sks Class for tail
Bring 100 sks C with 2% for topout

Service Description
Cementing - Cem Surface Casing

Customer PO: 0 Contract: 0

AFE: 0 Rig: Val Energy Rig 1

Well: Brill 10-17 State/Province: Kansas

County/Parish/Block: Seward Legal Location

Field: Hugoton

Customer or Authorized Representative: Jim Pendergrass

Item	Description	Quantity	Unit	Unit Price	Disc	Amount
Services						
102871020	Casing Cmnt 0000-2000' 1st 4hr	1	EA	1,870.00	32.0%	1,271.60
48010000	Cement Pump-Per add. Stage HRS	4	EA	2,250.00 562.50	32.0% / 0%	6,120.00 1820
48019000	Cement Bulk Unit hrs On Location	4	HR	100.00	32.0%	272.00
48601000	Cement Head Rental	1	JOB	485.00	32.0%	329.80
49100000	Service Chg Cement Matl Land All DW Fur	449	355	CF	2.10	508.37
49102000	Transportation Cement Ton Mile	1329	829	MI	1.55	873.77
59200002	Mileage, All Other Equipment	106	MI	4.15	32.0%	299.13
59697004	PRISM	1	JOB	810.00	32.0%	550.80
Services Subtotal:						10,225.47

Products						
50001085	Shoe, Reg Pattern Guide 8 5/8 In	1	EA	366.00	32.0%	248.88
56011085	Centralizer, Regular	5	EA	117.00	32.0%	397.80
56702085	Plug, Cementing 8 5/8 In Top Plastic	1	EA	156.00	32.0%	106.08
D020	Bentonite Extender D20	1000	1400	LB	0.23	218.96
D130	Polyester Flake D130	44	LB	3.93	32.0%	117.59
D132	Extender, Cement D132	60	CF	5.97	32.0%	243.58
D903	Cement, Class C D903	261	CF	14.55	32.0%	2,582.33
S001	Calcium Chloride 77% S1	582	LB	0.59	32.0%	233.50
Products Subtotal:						4,148.71

Total (Before Discount): 21,138.50
Discount: 6,764.32
Estimated Discounted Total (USD): 14,374.18

The estimated charges above are subject to correction by Dowell.

Service Receipt: I certify that the materials and services listed were received and all services performed in a workmanlike manner
Signature of Customer or Authorized Representative: Jim Pendergrass
Signature of Dowell Representative: Brennon Fica

Thank you for Calling Dowell!

10,786.55

32%

KGC

CONFIDENTIAL

RELEASED

Schlumberger

JUN 19 2001

Service Authorization

JUL 19 2002

27-Feb-01

CONFIDENTIAL

ORIGINAL FROM CONFIDENTIAL

Schlumberger Technology Corporation
204 S Missouri
Ulysses, KS

Job Number
20204332

Important- See other side for terms and conditions

ARRIVE LOCATION	Date	Time
	2/27/01	5:00:00 AM

Service Instructions
Cement 8 5/8" surface with 170 sks 35:65 POZ:Class C for a lead and 150 sks Class for tail
Bring 100 sks C with 2% for topout

Service Description
Cementing - Cem Surface Casing

AFE	Rig
0	Val Energy Rig 1

County/Parish/Block	Legal Location
Seward	

Customer or Authorized Representative
Jim Pendergrass

Invoice Mailing Address:
CABOT OIL & GAS PRODUCTION CORP

600 - 17TH STREET, SUITE 900 NORTH
DENVER, CO
US

Customer PO	Contract
0	0

Well	State/Province
Brill 10-17	Kansas

Field
Hugoton

THIS IS A CONTRACT. PLEASE READ CAREFULLY. IN CONSIDERATION OF THE PRICES AND THE SERVICES, EQUIPMENT AND/OR PRODUCTS PROVIDED TO CUSTOMER HEREUNDER, CUSTOMER AND SCHLUMBERGER AGREE TO BE BOUND BY THE TERMS AND CONDITIONS ATTACHED OR BY THE TERMS AND CONDITIONS OF A MASTER SERVICE AGREEMENT IF ONE IS IN FORCE BETWEEN CUSTOMER AND SCHLUMBERGER. THERE ARE, AMONG OTHER THINGS, INDEMNITY AND HOLD HARMLESS PROVISIONS AND WARRANTY EXCLUSIONS HEREIN.

Comments

Service Order: I authorize work to begin as set forth herein and represent that I have authority to accept and sign this order.

Signature of Customer or Authorized Representative
 Jim Pendergrass

Signature of Dowell Representative
Brennon Fica

Thank you for Calling Dowell

JUN 19 2001

Customer CABOT OIL & GAS PRODUCTION CORP	Job Number 20204332
---	------------------------

Well Brill 10-17 CONFIDENTIAL	Location RELEASED	Dowell Location Ulysses, KS	Job Start 2/27/01
Field Hugoton	Formation Name/Type JUL 19 2002	Deviation 0	Well MD 797 ft
County Seward	State/Province Kansas	BHP 0 psi	Well TVD 797 ft
Rig Name Val Energy Rig 1	Drilled For Oil & Gas	Service Via Land	Pore Press. Gradient 0 psi/ft
Offshore Zone	Well Class New	Well Type Development	
Drilling Fluid Type Spud Mud	Max. Density 10.6 lb/gal	Plastic Viscosity 9 cp	
Service Line Cementing	Job Type Cem Surface Casing		
Max. Allowed Tubing Pressure 500 psi	Max. Allowed Ann. Pressure 0 psi	Wellhead Connection 8 5/8" H&M	
Service Instructions Cement 8 5/8" surface with 170 sks 35:65 POZ:Class C for a lead and 150 sks Class for tail Bring 100 sks C with 2% for topout			
Casing/Tubing Secured <input checked="" type="checkbox"/> 1 Hole Volume Circulated prior to Cementing <input type="checkbox"/>			
Lift Pressure: 200 psi	Pipe Rotated <input type="checkbox"/>	Pipe Reciprocated <input type="checkbox"/>	
No. Centralizers: 5	Top Plugs: 1	Bottom Plugs: 0	
Cement Head Type: Single			
Job Scheduled For:	Arrived on Location: 2/27/01 5:00	Leave Location: 2/27/01 14:30	

Casing/Liner				
Depth, ft	Size, in	Weight, lb/ft	Grade	Thread
795.5	8.63	24		
0	0	0		
Tubing/Drill Pipe				
Depth, ft	Size, in	Weight, lb/ft	Grade	Thread
0	0	0		
0	0	0		
Perforations/Open Hole				
Top, ft	Bottom, ft	spf	No. of Shots	Total Interval
0	0	0	0	0 ft
0	0	0	0	Diameter
0	0	0	0	0 in
Treat Down	Displacement	Packer Type	Packer Depth	
Casing	48.6 bbl		0 ft	
Tubing Vol.	Casing Vol.	Annular Vol.	OpenHole Vol	
0 bbl	50.6 bbl	58.4 bbl	0 bbl	
Casing Tools		Squeeze Job		
Shoe Type:	Other	Squeeze Type		
Shoe Depth:	795.5 ft	Tool Type:		
Stage Tool Type		Tool Depth:	0 ft	
Stage Tool Depth:	0 ft	Tail Pipe Size:	0 in	
Collar Type:	Auto-Fill	Tail Pipe Depth:	0 ft	
Collar Depth:	764.3 ft	Sqz Total Vol:	0 bbl	

Time	CumVol	Density	Pressure U1	Pump	reset	Message	
24 hr clock	bbl	ppg	psi	bpm	bbl		
12:59	0	0	0	0	0	0	START ACQUISITION
12:59	0.	8.56	-13.74	0.	0.	0	
12:59	0.	8.56	-13.74	0.	0.	0	Pressure Test Lines
13:00	0.321	8.9	856.2	0.	0.321	0	
13:01	0.321	8.9	856.2	0.	0.321	0	Start Pumping Water
13:01	0.321	8.9	856.2	0.	0.321	0	[reset]=0 bbl
13:01	0.321	8.71	105.3	0.	0.	0	
13:02	0.321	8.68	-13.74	0.	0.	0	
13:03	4.55	8.48	123.6	6.41	4.23	0	
13:04	9.53	8.42	164.8	6.3	9.21	0	
13:05	14.28	11.89	160.3	6.2	13.96	0	
13:06	14.28	11.89	160.3	6.2	13.96	0	[reset]=0 bbl
13:06	14.28	11.89	160.3	6.2	13.96	0	Start Mixing Lead Slurry
13:06	19.21	11.08	123.6	6.2	2.42	0	
13:07	24.12	11.19	187.7	6.2	7.33	0	
13:08	29.05	11.1	164.8	6.2	12.27	0	
13:09	33.99	11.64	169.4	6.27	17.21	0	
13:10	38.96	11.38	137.4	6.27	22.17	0	
13:11	44.07	11.46	164.8	6.85	27.28	0	
13:12	44.07	11.46	164.8	6.85	27.28	0	[reset]=38 bbl
13:12	49.77	11.27	169.4	7.4	39.16	0	
13:13	55.68	11.22	164.8	7.37	45.07	0	

Well		Field				Service Date		Customer		Job Number		
Brill #10-17		Hugoton						JT OIL & GAS PRODUCTION		20204332		
Time	CumVol	Density	Pressure U1	Pump	reset	Message						
24 hr clock	bbl	ppg	psi	bpm	bbl							
13:14	60.89	11.24	119.	6.44	50.28	0	0	RELEASED				CONFIDENTIAL
13:15	65.91	11.29	114.5	6.41	55.3	0	0	JUL 19 2002				
13:16	70.94	11.42	128.2	6.44	60.33	0	0					
13:17	76.01	11.31	146.5	7.61	65.4	0	0	FROM CONFIDENTIAL				
13:18	82.04	11.18	160.3	7.65	71.43	0	0	ORIGINAL				
13:19	88.06	11.23	155.7	7.61	77.45	0	0					
13:20	94.03	11.13	123.6	6.68	83.42	0	0					
13:21	94.03	11.13	123.6	6.68	83.42	0	0	Start Mixing Tail Slurry				
13:21	99.4	13.62	114.5	6.23	88.79	0	0					
13:22	104.2	15.33	132.8	6.13	93.62	0	0	KCC				
13:23	109.8	14.91	196.9	8.02	99.19	0	0					
13:24	116.	14.76	192.3	8.02	105.4	0	0	JUN 19 2001				
13:25	122.	14.61	105.3	6.06	111.4	0	0	CONFIDENTIAL				
13:26	126.9	15.1	137.4	6.47	116.3	0	0					
13:27	132.	14.04	114.5	6.58	121.4	0	0					
13:28	132.	14.04	114.5	6.58	121.4	0	0	Shutdown				
13:28	135.1	13.42	-4.58	0.	124.5	0	0					
13:29	135.1	13.42	-4.58	0.	124.5	0	0	Drop Top Plug				
13:29	135.1	13.42	-4.58	0.	124.5	0	0	Start Displacement				
13:29	137.6	10.56	-18.32	0.	127.	0	0					
13:30	140.3	9.76	59.52	5.72	129.7	0	0					
13:31	145.7	8.37	45.79	5.65	135.1	0	0					
13:32	151.2	8.43	41.21	5.61	140.6	0	0					
13:33	156.8	8.36	36.63	5.61	146.2	0	0					
13:34	161.8	8.36	45.79	5.61	151.2	0	0					
13:35	161.8	8.36	45.79	5.61	151.2	0	0	Returns at Surface				
13:35	166.2	8.35	77.84	5.41	155.6	0	0					
13:36	170.5	8.34	155.7	5.79	159.9	0	0					
13:37	175.	8.34	206.	5.68	164.4	0	0					
13:38	179.1	8.34	196.9	2.72	168.5	0	0					
13:39	181.2	8.32	206.	2.65	170.6	0	0					
13:40	183.2	8.32	215.2	2.58	172.6	0	0					
13:41	185.2	8.31	219.8	2.55	174.6	0	0					
13:43	187.2	8.31	247.3	2.55	176.6	0	0					
13:44	188.2	8.4	169.4	0.	177.6	0	0					
13:44	188.2	8.4	169.4	0.	177.6	0	0	Shutdown				
13:44	188.2	8.4	169.4	0.	177.6	0	0	Did not bump plug.				
13:45	190.4	8.36	155.7	0.	179.7	0	0					
13:45	190.4	8.36	155.7	0.	179.7	0	0	Pumped 49.5 off truck.				

Post Job Summary

Average Pump Rates, bpm				Volume of Fluid Injected, bbl				
Slurry	N2	Mud	Maximum Rate	Total Slurry	Mud	Spacer	N2	
5	0	0	6	123	0	10	0	
Treating Pressure Summary, psi				Breakdown Fluid				
Maximum	Final	Average	Bump Plug to	Breakdown	Type	Volume	Density	
250	180	200	700	0		0 bbl	0 lb/gal	
Avg. N2 Percent	Designed Slurry Volume		Displacement	Mix Water Temp	<input checked="" type="checkbox"/> Cement Circulated to Surface?	Volume	28 bbl	
0 %	119 bbl		49.5 bbl	°F	<input type="checkbox"/> Washed Thru Perfs	To	0 ft	
Customer or Authorized Representative			Dowell Supervisor		CirculationLost			<input checked="" type="checkbox"/> Job Completed
Jim Pendergrass			Brennon Fica					

KCC

JUN 19 2001

CONFIDENTIAL

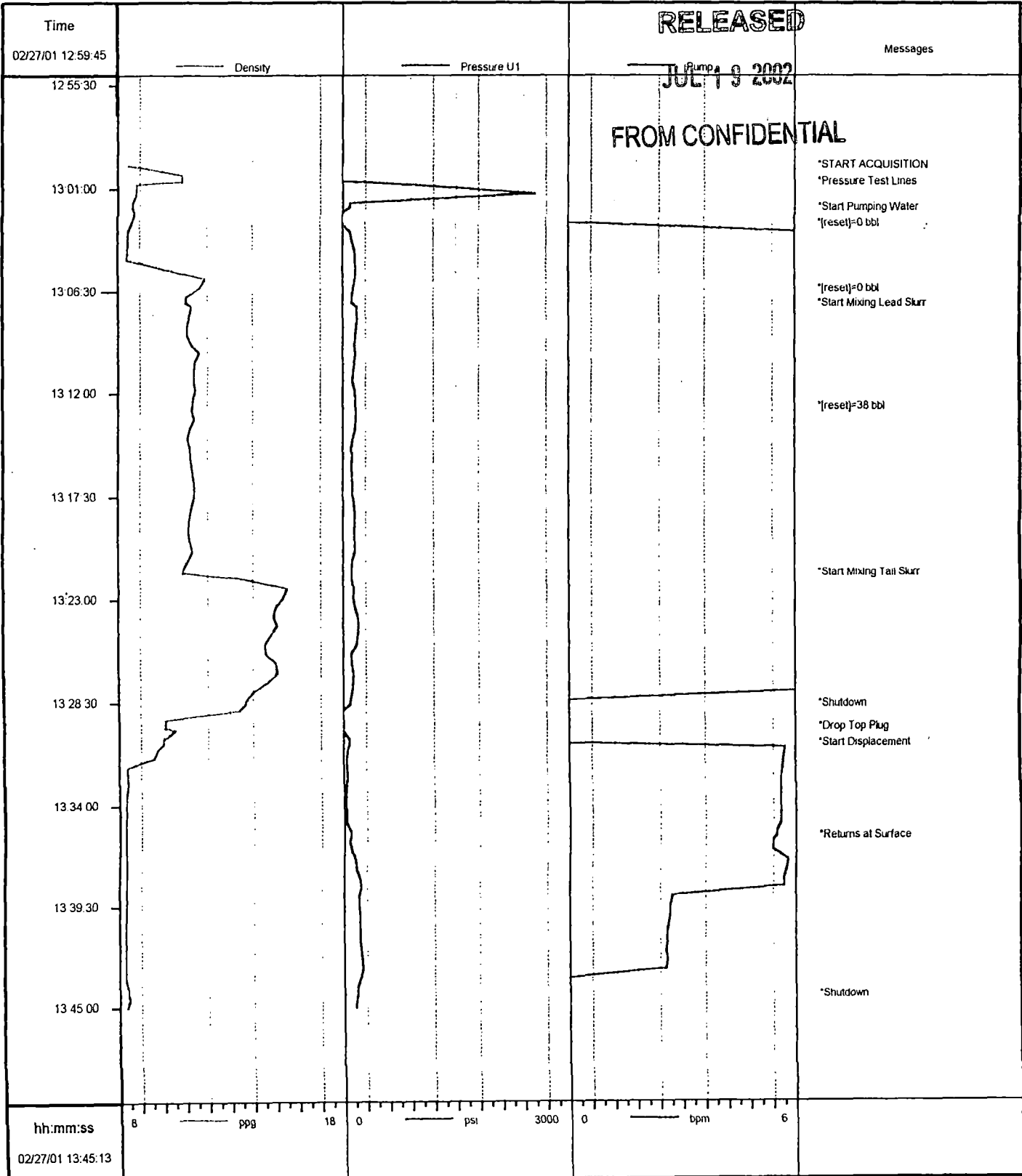
Well Brill 10-17	Client Cabot Oil and Gas
Field Hugoton	SIR No. 20204332
Country USA	Job Date 2/27/2001 12:59:45 PM

ORIGINAL

RELEASED

JUL 19 2002

FROM CONFIDENTIAL

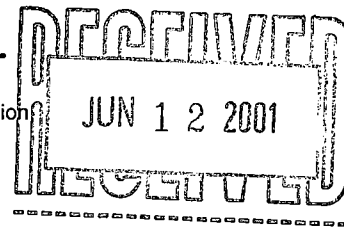


Job cas 4332

02/27/2001 13:50:13

Schlumberger

CONFIDENTIAL



KCC

Dowell a Division of Schlumberger Technology Corporation
 204 S Missouri
 Ulysses, KS 67880
 Tel: 316 356 1272
 Fax: 316 356 1911

INVOICE

JUN 19 2001

ORIGINAL

COPY

CONFIDENTIAL

Service Date 03/03/2001	Job Number 20205143	Invoice Date 03/14/2001	Invoice 9090611093
Bill To: CABOT OIL & GAS PRODUCTION CORP DOMINION PLAZA 600 - 17TH STREET, SUITE 900 NORTH DENVER CO 80202		Remit To: Dowell a Division of Schlumberger Technology Corporation PO Box 201556 Houston TX 77216-1556	
		RELEASED JUL 19 2002	
		FROM CONFIDENTIAL	
		Tax Registration Number: 22-1692661 We can invoice you EDI. Call (281) 285 4230 for more information.	

Terms 30 Days Net		Service Description DW Cementing-Case, Cement Prod	
Customer PO	Contract	AFE	Price Reference Dowell US
Well BRILL 10-17	State KS	County/Parish/Block Seward	Legal Location SEC:17 T:33S R:33W
Field HUGOTON	Customer or Authorized Representative Jim Pendergrass		Rig

Item	Description	Quantity	List Price	Disc	Net Price	Net Amount
48019000	Cement Bulk Unit hrs On Location	4.000 HR	100.00	-32.000 %	68.0000	272.00
48601000	Cement Head Rental	1.000 JOB	485.00	-32.000 %	329.8000	329.80
49100000	Service Chg Cement Matl Land All DW Fur	500.000 CF	2.10	-32.000 %	1.4280	714.00
49102000	Transportation Cement Ton Mile	1,142.000 MI	1.55	-32.000 %	1.0540	1,203.67
59200002	Mileage, All Other Equipment	106.000 MI	4.15	-32.000 %	2.8220	299.13
59697004	PRISM	1.000 JOB	810.00	-32.000 %	550.8000	550.80
102871030	Casing Cmnt 2501-3000' 1st 4hr	1.000 EA	2,060.00	-32.000 %	1,400.8000	1,400.80
Sub-Total Services						4,770.20
56011085	Centralizer, Regular	6.000 EA	117.00	-32.000 %	79.5600	477.36
56702044	Plug, Cementing 4 1/2 In Top Plastic	1.000 EA	69.00	-32.000 %	46.9200	46.92
56711044	Centralizer Deflector	4.000 EA	88.00	-32.000 %	59.8400	239.36
102789044	Collar, Float Sure Seal 8rd	1.000 EA	556.00	-32.000 %	378.0800	378.08
102946000	Fuel Surcharge	1.000 EA	105.23		105.2300	105.23
D020	Bentonite Extender D20	1,977.000 LB	0.23	-32.000 %	0.1564	309.20
D044	Salt, Granulated D44	930.000 LB	0.18	-32.000 %	0.1224	113.83
D130	Polyester Flake D130	59.000 LB	3.93	-32.000 %	2.6724	157.67
D132	Extender, Cement D132	187.000 CF	5.97	-32.000 %	4.0596	759.15
D903	Cement, Class C D903	267.000 CF	14.55	-32.000 %	9.8940	2,641.70
M117	Potassium Chloride M117	300.000 LB	0.50	-32.000 %	0.3400	102.00
Sub-Total Products						5,330.50
Total before tax						10,100.70
Tax, USState/CanGST 4.900 %						238.91
Tax, US City 1.000 %						48.76
Total Amount Due on or Before 04/13/2001 PAYABLE IN USD FUNDS						10,388.37

Please reference invoice number 9090611093 on payment.

Thank-you for calling Dowell



562782
9090611093

CONFIDENTIAL Service Order Receipt

KCC

DRAFT

JUN 19 2001

CONFIDENTIAL

Schlumberger Technology Corporation
204 S. Missouri
Ulysses, KS

ORIGINAL

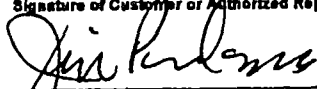
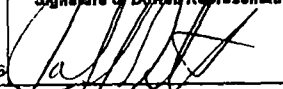
Job Number
20205143

Invoice Mailing Address: CABOT OIL & GAS PRODUCTION CORP 600 - 17TH STREET, SUITE 900 NORTH DENVER, CO US	RELEASED		ARRIVE LOCATION	Date	3/3/01	Time	3:00:00 AM	
	JUL 19 2002		JOB START	Date	3/3/01	Time	7:50:00 AM	
			JOB COMPLETION	Date	3/3/01	Time	8:50:00 AM	
	FROM CONFIDENTIAL		LEAVE LOCATION	Date	3/3/01	Time	9:30:00 AM	
			Service Instructions Cement 4 1/2 LS to surface with 270 sks lead cement and 180 sks tail					
Service Description Cementing - Cem Prod Casing								
Customer PO	0	Contract	0	AFE	0	Rig	Val Energy Rig 1	
Well	BRILL 10-17		State/Province	KS		County/Parish/Block	Legal Location	
Field	HUGOTON		Customer or Authorized Representative					
		Jim Pendergrass						

Item	Description	Quantity	Unit	Unit Price	Amount
Services					
102871030	Casing Cmnt 2501-3000' 1st 4hr	1	EA	2,060.00	2,060.00
48019000	Cement Bulk Unit hrs On Location	4	HR	100.00	400.00
48601000	Cement Head Rental	1	JOB	485.00	485.00
49100000	Service Chg Cement Matl Land All DW Fur	500	CF	2.10	1,050.00
49102000	Transportation Cement Ton Mile	1142	MI	1.55	1,770.10
59200002	Mileage, All Other Equipment	106	MI	4.15	439.90
59697004	PRISM	1	JOB	810.00	810.00
102789044	Sure Seal Collar	1	EA	551.00	551.00
Services Subtotal:					7,015.00
Products					
56011085	Centralizer, Regular	6	EA	117.00	702.00
56702044	Plug, Cementing 4 1/2 In Top Plastic	1	EA	69.00	69.00
56711044	Centralizer Deflector	4	EA	88.00	352.00
D020	Bentonite Extender D20	1977	LB	0.23	454.71
D130	Polyester Flake D130	59	LB	3.93	231.87
D132	Extender, Cement D132	187	CF	5.97	1,116.39
D903	Cement, Class C D903	267	CF	14.55	3,884.85
Products Subtotal:					6,810.82

Subtotal (Before Discount): 13,825.82
 Discount: 4,424.26
 Special Discount: 0.00
Estimated Total (USD): 9,401.56

The estimated charges above are subject to correction by Dowell.

Service Receipt: I certify that the materials and services listed were received and all services performed in a workmanlike manner	Signature of Customer or Authorized Representative  Jim Pendergrass	Signature of Dowell Representative  Jeffrey Dutton
	Thank you for Calling Dowell	

Schlumberger

CONFIDENTIAL
Service Authorization

KCC
JUN 19 2001
CONFIDENTIAL

03-Mar-01

Schlumberger Technology Corporation
204 S Missouri
Ulysses, KS

ORIGINAL

Job Number
20205143

Invoice Mailing Address:
CABOT OIL & GAS PRODUCTION CORP

600 - 17TH STREET, SUITE 900 NORTH
DENVER, CO
US

RELEASED
JUL 19 2002
FROM CONFIDENTIAL

Important: See other side for terms and conditions		
ARRIVE LOCATION	Date	Time
	3/3/01	3:00:00 AM

Service Instructions
Cement 4 1/2 LS to surface with 270 sks lead cement and 180 sks tail

Service Description
Cementing - Cem Prod Casing

Customer PO: 0 Contract: 0

AFE: 0 Rig: Val Energy Rig 1

Well: BRILL 10-17 State/Province: KS

County/Parish/Block: Legal Location:

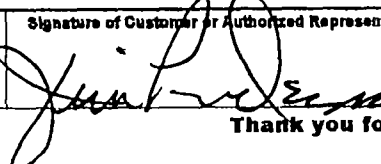
Field: HUGOTON

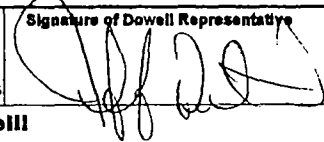
Customer or Authorized Representative: Jim Pendergrass

THIS IS A CONTRACT. PLEASE READ CAREFULLY. IN CONSIDERATION OF THE PRICES AND THE SERVICES, EQUIPMENT AND/OR PRODUCTS PROVIDED TO CUSTOMER HEREUNDER, CUSTOMER AND SCHLUMBERGER AGREE TO BE BOUND BY THE TERMS AND CONDITIONS ATTACHED OR BY THE TERMS AND CONDITIONS OF A MASTER SERVICE AGREEMENT IF ONE IS IN FORCE BETWEEN CUSTOMER AND SCHLUMBERGER. THERE ARE, AMONG OTHER THINGS, INDEMNITY AND HOLD HARMLESS PROVISIONS AND WARRANTY EXCLUSIONS HEREIN.

Comments

Service Order: I authorize work to begin as set forth herein and represent that I have authority to accept and sign this order.

Signature of Customer or Authorized Representative

Jim Pendergrass

Signature of Dowell Representative

Jeff Dutton
Shubhanon Daksbindas

Thank you for Calling Dowell!

Customer	Job Number
CABOT OIL & GAS PRODUCTION CORP	20205143

Well		Location (legal)		Dowell Location		Job Start		
BRILL 10-17				Ulysses, KS		3/3/01		
Field		Formation Name/Type		Deviation		Well MD		
HUGOTON				0		2,850 ft		
County		State/Province		BHP		BHST		
		KS		0 psi		100 °F		
Rig Name		Drilled For		Service Via		BHCT		
Val Energy Rig 1		Oil & Gas		Land		80 °F		
Offshore Zone		Well Class		Well Type		Pore Press. Gradient		
		New		Development		0 psi/ft		
Drilling Fluid Type		Max. Density		Plastic Viscosity		Casing/Liner		
Bentonite		9.4 lb/gal		32 cp		Depth, ft		
Service Line		Job Type				Size, in		
Cementing		Cem Prod Casing				Weight, lb/ft		
Max. Allowed Tubing Pressure		Max. Allowed Ann. Pressure		Wellhead Connection		Grade		
0 psi		0 psi		4 1/2"		Thread		
Service Instructions						Perforations/Open Hole		
Cement 4 1/2 LS to surface with 270 sks lead cement and 80 sks tail						Top, ft		
						Bottom, ft		
						spf		
						No. of Shots		
						Total Interval		
						0 ft		
						Diameter		
						0 in		
						Treat Down		
						Displacement		
						Packer Type		
						Packer Depth		
						0 ft		
						Tubing Vol.		
						Casing Vol.		
						Annular Vol.		
						Open Hole Vol		
						0 bbl		
						45 bbl		
						87 bbl		
						0 bbl		
Casing/Tubing Secured <input checked="" type="checkbox"/>		1 Hole Volume Circulated prior to Cementing <input type="checkbox"/>		Casing Tools		Squeeze Job		
Lift Pressure: 1880 psi		Pipe Rotated <input type="checkbox"/>		Pipe Reciprocated <input type="checkbox"/>		Shoe Type: Other		
						Squeeze Type		
						Shoe Depth: 2850 ft		
						Tool Type:		
No. Centralizers: 10		Top Plugs: 1		Bottom Plugs: 0		Stage Tool Type		
						Tool Depth: 0 ft		
Cement Head Type: Single						Stage Tool Depth: 0 ft		
						Tail Pipe Size: 0 in		
Job Scheduled For: 3/3/01 3:00		Arrived on Location: 3/3/01 3:00		Leave Location: 3/3/01 9:30		Collar Type: Other		
						Tail Pipe Depth: 0 ft		
						Collar Depth: 4802 ft		
						Sqz Total Vol: 0 bbl		
Time	CumVol	Density	Pressure	TopFlowrate	TotVol			Message
24 hr clock	bbbl	ppg	psi	bpm	bbbl			
7:49	0	0	0	0	0	0	0	START ACQUISITION
7:49	0.	-6.25	-3768	0.	0.	0	0	
7:50	0.	-6.25	-3768	0.	0.	0	0	Start Pumping Water
7:50	2.7	8.31	274.7	5.25	2.7	0	0	
7:51	7.93	8.29	270.1	5.13	7.93	0	0	
7:52	7.93	8.29	270.1	5.13	7.93	0	0	User defined message
7:52	7.93	8.29	270.1	5.13	7.93	0	0	Reset Volume
7:52	7.93	8.29	270.1	5.13	7.93	0	0	[CumVol]=12.13 bbl
7:52	0.748	11.88	270.1	4.84	12.96	0	0	
7:52	0.748	11.88	270.1	4.84	12.96	0	0	Start Mixing Lead Slurry
7:53	6.02	11.61	228.9	5.53	18.23	0	0	
7:54	11.73	11.56	183.2	5.77	23.94	0	0	
7:55	17.53	11.31	146.5	5.93	29.74	0	0	
7:56	23.45	11.45	128.2	5.99	35.67	0	0	
7:57	29.03	11.18	109.9	5.39	41.24	0	0	
7:58	34.35	11.52	146.5	5.87	46.56	0	0	
7:59	40.27	11.5	141.9	5.69	52.48	0	0	
8:00	46.08	11.21	137.4	5.73	58.29	0	0	
8:01	51.82	10.94	123.6	6.01	64.03	0	0	
8:02	57.29	11.75	82.42	4.84	69.51	0	0	
8:03	62.22	10.97	77.84	4.92	74.44	0	0	
8:04	62.22	10.97	77.84	4.92	74.44	0	0	[Vol/Can]=77.85 bbl

JUL 19 2002

FROM CONFIDENTIAL

KCO
JUN 19 2001
CONFIDENTIAL

Well		Field		Service Date		Customer		Job Number	
BRILL #10-17		HUGOTON				JT OIL & GAS PRODUCTION		20205143	
Time	CumVol	Density	Pressure	TotFlowrate	TotVol	Message			
24 hr clock	bbbl	PPG	psi	bpm	bbbl				
8:04	62.22	10.97	77.84	4.92	74.44	0	0	Can Reset	
8:04	66.97	10.84	68.68	4.88	79.18	0	0		
8:05	71.74	11.87	82.42	4.74	83.96	0	0	ORIGINAL	
8:06	76.63	11.3	77.84	4.9	88.85	0	0		
8:07	81.51	11.51	77.84	4.68	93.73	0	0		
8:08	86.37	11.23	73.26	4.84	98.58	0	0		
8:09	91.22	11.51	77.84	4.72	103.4	0	0		
8:10	96.11	11.36	73.26	4.9	108.3	0	0	CONFIDENTIAL	
8:11	101.	11.49	68.68	4.78	113.2	0	0		
8:12	106.2	11.42	128.2	5.39	118.5	0	0		
8:13	111.6	11.26	100.7	5.31	123.8	0	0		
8:14	117.	11.18	96.15	5.27	129.2	0	0		
8:15	122.3	11.39	114.5	5.31	134.5	0	0	KCC	
8:16	127.6	10.94	100.7	5.51	139.8	0	0		
8:17	127.6	10.94	100.7	5.51	139.8	0	0	[CumVol]=129.1 bbl	
8:17	127.6	10.94	100.7	5.51	139.8	0	0	Reset Volume	
8:17	127.6	10.94	100.7	5.51	139.8	0	0	End Lead Slurry	
8:17	127.6	10.94	100.7	5.51	139.8	0	0	Start Mixing Tail Slurry	
8:17	127.6	10.94	100.7	5.51	139.8	0	0	Can Reset	
8:17	127.6	10.94	100.7	5.51	139.8	0	0	[Vol/Can]=64.66 bbl	
8:17	3.78	14.05	132.8	5.35	145.2	0	0		
8:18	8.8	15.37	155.7	4.6	150.2	0	0		
8:19	14.11	14.8	146.5	5.29	155.5	0	0	RELEASED	
8:20	19.57	14.32	132.8	5.77	161.	0	0		
8:21	25.13	14.01	137.4	5.41	166.5	0	0	JUL 19 2002	
8:22	30.75	14.5	128.2	5.67	172.1	0	0		
8:23	36.24	14.19	128.2	5.57	177.6	0	0		
8:24	41.84	14.44	132.8	5.39	183.2	0	0	FROM CONFIDENTIAL	
8:25	41.84	14.44	132.8	5.39	183.2	0	0	[CumVol]=46.04 bbl	
8:25	41.84	14.44	132.8	5.39	183.2	0	0	Reset Volume	
8:25	41.84	14.44	132.8	5.39	183.2	0	0	[Vol/Can]=44.76 bbl	
8:25	41.84	14.44	132.8	5.39	183.2	0	0	Can Reset	
8:25	0.07	14.18	-9.16	1.36	187.5	0	0		
8:25	0.07	14.18	-9.16	1.36	187.5	0	0	Drop Top Plug	
8:26	0.07	14.18	-9.16	1.36	187.5	0	0	Start Displacement	
8:26	0.07	14.18	-9.16	1.36	187.5	0	0	STOP ACQUISITION	
8:30	0.347	-6.25	-3768	0.	187.8	0	0	START ACQUISITION	
8:30	0.347	-6.25	-3768	0.	187.8	0	0		
8:30	0.347	-6.25	-3768	0.	187.8	0	0	[CumVol]=.3473 bbl	
8:30	0.347	-6.25	-3768	0.	187.8	0	0	Reset Volume	
8:31	3.46	8.37	59.52	5.47	191.2	0	0		
8:32	9.04	8.38	50.37	5.71	196.8	0	0		
8:33	9.04	8.38	50.37	5.71	196.8	0	0	Returns at Surface	
8:33	14.82	8.37	45.79	5.77	202.6	0	0		
8:34	20.05	8.42	141.9	5.	207.8	0	0		
8:35	24.97	8.42	242.7	4.74	212.7	0	0		
8:36	29.67	8.42	320.5	4.66	217.4	0	0		
8:37	34.24	8.42	412.1	4.48	222.	0	0		
8:38	34.24	8.42	412.1	4.48	222.	0	0	Lower Pump Rate	
8:38	38.	8.42	412.1	2.	225.8	0	0		
8:39	39.95	8.42	453.3	1.9	227.7	0	0		
8:40	41.83	8.43	485.3	1.84	229.6	0	0		
8:41	43.66	8.42	517.4	1.78	231.4	0	0		
8:42	45.42	8.42	558.6	1.72	233.2	0	0		

ORIGINAL

CONFIDENTIAL

Well BRILL #10-17		Field HUGOTON		Service Date		Customer OIL & GAS PRODUCTION		Job Number 20205143		
Time	CumVol	Density	Pressure	TotFlowrate	TotVol	Message				
24 hr clock	bbl	PPG	psi	bpm	bbl					
8:43	46.59	8.41	966.1	0.	234.4	0	0			
8:44	46.59	8.41	966.1	0.	234.4	0	0	Bump Top Plug		
8:44	46.59	8.41	966.1	0.	234.4	0	0	Bleed Off Pressure		
8:44	46.59	8.41	-4.58	0.	234.4	0	0			
8:45	46.59	8.41	-4.58	0.	234.4	0	0	End Job		
Post Job Summary										
Average Pump Rates, bpm					Volume of Fluid Injected, bbl					
Slurry	N2	Mud	Maximum Rate		Total Slurry	Mud	Spacer	N2		
4	0	0	6		175	0	10	0		
Treating Pressure Summary, psi					Breakdown Fluid					
Maximum	Final	Average	Bump Plug to	Breakdown	Type	Volume	Density			
576	576	200	945	0		0 bbl	0 lb/gal			
Avg. N2 Percent	Designed Slurry Volume		Displacement	Mix Water Temp	<input checked="" type="checkbox"/> Cement Circulated to Surface?		Volume	45 bbl		
0 %	174 bbl		45.5 bbl	60 °F	<input type="checkbox"/> Washed Thru Perfs To		0 ft			
Customer or Authorized Representative			Dowell Supervisor							
Jim Pendergrass			Jeffrey Dutton				<input type="checkbox"/> Circulation Lost		<input checked="" type="checkbox"/> Job Completed	

RELEASED

JUL 19 2002

FROM CONFIDENTIAL

KCC

JUN 19 2001

CONFIDENTIAL

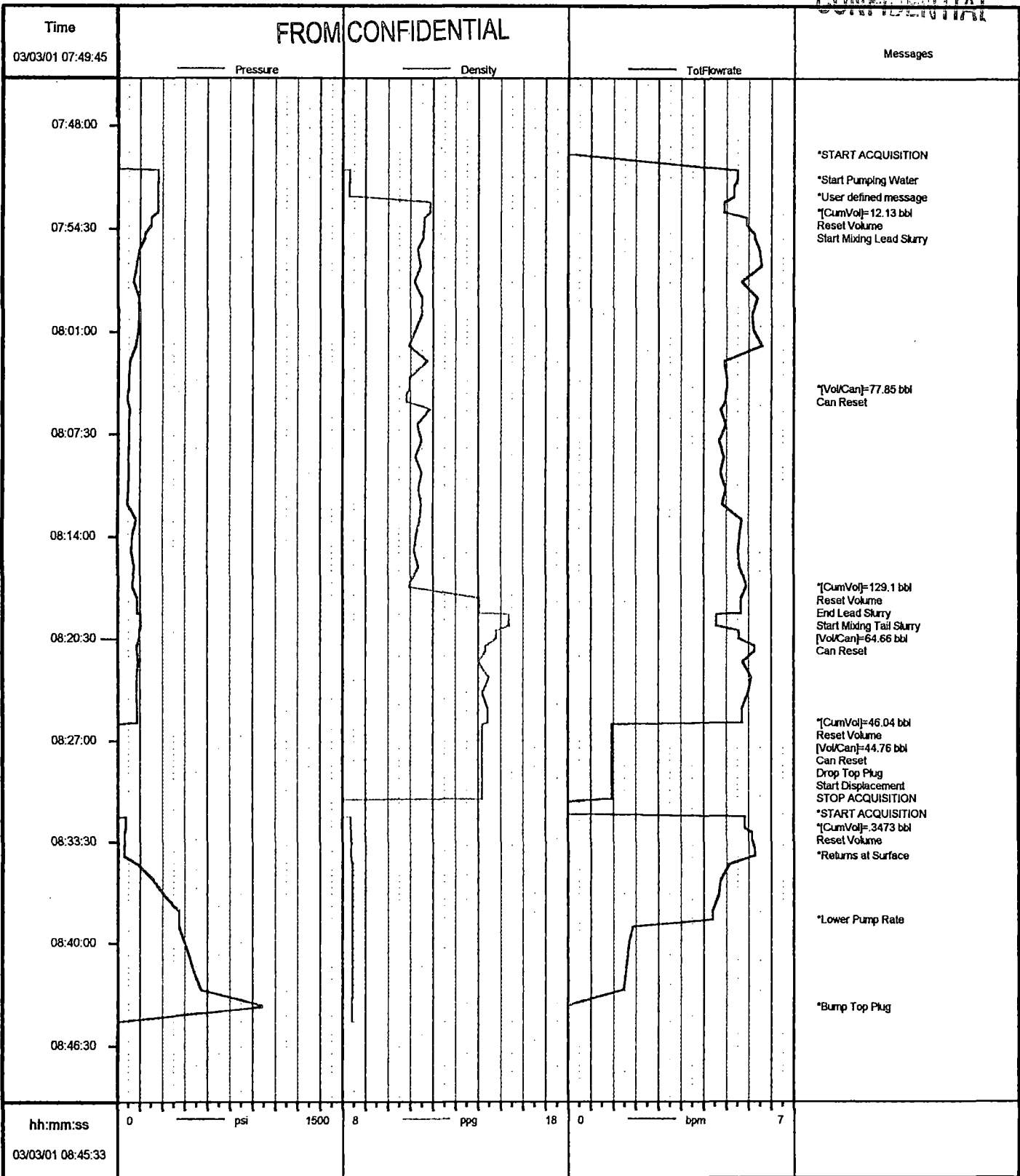
CONFIDENTIAL

Cementing Job Report

ORIGINAL

PRISM* V2.23

Well Brill	RELEASED JUL 19 2002	Client Cabot	KCC JUN 19 2001
Field		SIR No. 20205143	
Country USA		Job Date 3/3/2001 7:49:45 AM	



Job: cab05143

03/03/2001 08:52:04

* Mark of Schlumberger