

ORIGINAL

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1
September 1999
Form Must Be Typed

CONFIDENTIAL

WELL COMPLETION FORM

KCC

WELL HISTORY - DESCRIPTION OF WELL & LEASE

MAR 06 2000

Operator: License # 32334
Name: Chesapeake Operating, Inc.
Address: P. O. Box 18496
City/State/Zip: Okla. City, OK 73154-0496
Purchaser: GPM
Operator Contact Person: Randy Gasaway/Barbara Bale
Phone: (405) 848-8000
Contractor: Name: Murfin Drilling #22
License: 30606
Wellsite Geologist: David Hickman 3-10-00

API No. 15 025-21193-00-00
County: Clark
W/2SW-SE Sec. 7 Twp. 35 S. R. 25 East West
660 feet from S N (circle one) Line of Section
2310 feet from E W (circle one) Line of Section

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Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: Locke Well #: 1-7
Field Name: McKinney

Designate Type of Completion:
 New Well Re-Entry Workover
 Oil SWD SIOW Other (Core, WSW, Expl., etc.)
 Gas ENHR SIGW
 Dry Other (Core, WSW, Expl., etc.)

Producing Formation: Chester/Morrow
Elevation: Ground: 2187 Kelly Bushing: 2198
Total Depth: 6300 Plug Back Total Depth: _____
Amount of Surface Pipe Set and Cemented at 775 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.

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. _____

Drilling Fluid Management Plan ALT 1 JH 7-3-00
(Data must be collected from the Reserve Pit)
Chloride content 5400 ppm Fluid volume _____ bbls
Dewatering method used _____
Location of fluid disposal if hauled offsite: _____
Operator Name: _____
Lease Name: _____ License No.: _____
Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West
County: _____ Docket No.: _____

11/18/99 11/26/99 12/07/99
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion 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 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: Barbara J. Bale *Barbara J. Bale*
Title: Regulatory Analyst Date: 03/06/00
Subscribed and sworn to before me this 14th day of March
192000
Notary Public: *Janey L. Dierzgen*
Date Commission Expires: 08-24-2000

KCC Office Use ONLY

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

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Side Two

Operator Name: Chesapeake Operating, Inc. Lease Name: Locke Well #: 1-7
Sec. 7 Twp. 35 S. R. 25 East West County: Clark

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 Taken Yes No

Electric Log Run Yes No
(Submit Copy)

List All E. Logs Run:

Array Induction Shallow Focused Electric LOG
Comp. Neutron photo-density-micro log

Log Formation (Top), Depth and Datum Sample

Name	Top	Datum
Heebner Shale	4544	-2346
Lansing	4692	-2494
Stark Shale	5298	-3100
Cherokee Shale	5670	-3472
Morrow Shale	5940	-3742
Chester Lime	6011	-3813

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	# Sacjs Used	Type and Percent Additives
Surface	12-1/4"	8-5/8"	24#	775'	Cl. C Poz. 64/35	164 237	
Production	7-7/8"	4-1/2"	11.6#	6,300'	Prem H	425	

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	6170-183'; 6102-112'; 6092-098'; 6070-084'	4000 gal 15% HCL, 23,200# 20/40	Sand
		702 bbls 20# x-link gel, 41,120#	
2	6002-006'; 5984-990'	20/40 sand, 10,000# resin coated	sand

TUBING RECORD		Size	Set At	Packer At	Liner Run
		2-3/8"	6048'		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Enhr.			Producing Method		
12/07/99			<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
	33	1500	335	500,000:1	42

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

METHOD OF COMPLETION Open Hole Perf. Dually Comp. Commingled Chester/Morrow

Other (Specify) _____

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Cementing Service Report

MAR 06 2000

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Schlumberger		Dowell		Customer: CHESAPEAKE OPERATING INC				Job Number: 20133191	
Well: LOCKE 1-7		Location (log#): SEC 7-35S-25W		Dowell Location: Ulysses, KS		Job Start: 11/19/99			
Fluid: SURFACE		Formation Name/Type: SURFACE		Deviation: 0		Bit Size: 123 in		Well MD: 785 ft	
Country: CLARK		State/Province: KS		BHP: psi		BHST: 80 °F		BHCT: 80 °F	
Rig Name: MURFIN 22		Drilled For: Gas		Service Via: Land		Casing/Liner			
Offshore Zone		Well Class: New		Well Type: Development		Depth, ft: 786		Size, in: 8.63	
Drilling Fluid Type: Polymer		Max. Density: 9.4 lb/gal		Plastic Viscosity: 0 cp		Weight, lb/ft: 24		Grade: K55	
Service Line: Cementing		Job Type: Cem Surface Casing		Depth, ft: 0		Size, in: 0		Weight, lb/ft: 0	
Max. Allowed Tubing Pressure: 1000 psi		Max. Allowed Ann. Pressure: psi		Wellhead Connection: 8 5/8 HS&M		Perforations/Open Hole			
Service Instructions:		Cement 8 5/8" surface casing @ ~ 775		235 sk 35:65(poz/C) + 6% D20 + 2% S1 + 1/4 pps D29 @ 12.8 ppg		165 sk C + 2% S1 + 1/4 pps D29 @ 14.8 ppg		Mileage: 127	
Casing/Tubing Secured <input checked="" type="checkbox"/>		1 Hole Volume Circulated prior to Cementing <input type="checkbox"/>		Casing Tools		Squeeze Job			
Lift Pressure: 319 psi		Pipe Rotated <input type="checkbox"/>		Pipe Recirculated <input type="checkbox"/>		Shoe Type: Guide		Squeeze Type	
No. Connections: 0		Top Pkgs: 1		Bottom Pkgs: 0		Shoe Depth: 785 ft		Tool Type:	
Cement Head Type: Single		Stage Tool Type		Stage Tool Depth: 0 ft		Tool Depth: 0 ft		Yell Pipe Size: 0 in	
Job Scheduled For: 11/7/99 4:00		Arrived on Location: 11/19/99 5:00		Leave Location: 11/19/99 9:45		Collar Type: Auto-Fill		Yell Pipe Depth: 0 ft	
Collar Depth: 741 ft		Sqs Total Vol: 0 bbl		Displacement: 47.5 bbl		Packer Type: None		Packer Depth: ft	
Taking Vol: 0 bbl		Casing Vol: 50 bbl		Annular Vol: 0 bbl		Open Hole Vol: 0 bbl			
Time		Depth		Pressure		Pump		Message	
8:33		0		0		0		START ACQUISITION	
8:33		0		5		0			
8:33		0		8.58		0.419		-3626	
8:34		0		8.58		0.838		-4.58	
8:34		0		8.58		0.836		0	
8:34		0		8.58		1.26		-4.58	
8:35		0.271		8.58		1.68		357.1	
8:35		0.287		8.58		2.1		1698	
8:35		0.288		8.55		2.51		13.74	
8:36		0.286		8.55		2.51		13.74	
8:36		0.394		8.58		2.93		27.47	
8:36		2.65		8.5		3.35		132.8	
8:37		4.99		8.48		3.77		137.4	
8:37		0.187		9.28		4.19		141.9	
8:37		4.99		8.48		3.77		137.4	
8:37		4.99		8.48		3.77		137.4	
8:37		0.187		9.28		4.19		141.9	
8:38		2.51		10.53		4.61		155.7	
8:38		4.83		11.49		5.03		164.8	
8:38		7.16		12.38		5.45		174	
8:39		9.47		12.95		5.87		178.6	
8:39		11.79		12.79		6.29		174	

RECEIVED STATE CORPORATION COMMISSION

MAR 10 2000

CONSERVATION DIV. SIGN

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Well			Field			Service Data		Customer	Job Number
LOCKE #1-7								HESAPEAKE OPERATING	20133191
Time	Control	Density	Elapsed Time	Pressure	Flow			Message	
24 hr block	PPG	PPG	min	psi	gpm				
8:40	14.1	12.81	6.7	164.8	5.54	0	0		
8:40	16.42	12.82	7.12	160.3	5.45	0	0		
8:40	18.71	12.87	7.54	155.7	5.54	0	0		
8:41	21.01	12.89	7.96	146.5	5.48	0	0		
8:41	23.31	12.87	8.38	141.9	5.48	0	0		
8:42	25.61	12.85	8.8	141.9	5.48	0	0	KCC	
8:42	27.88	12.79	9.22	137.4	5.42	0	0	MAR 06 2000	
8:43	30.16	12.8	9.64	141.9	5.48	0	0	CONFIDENTIAL	
8:43	32.45	12.61	10.06	132.8	5.45	0	0		
8:43	34.74	12.15	10.47	123.6	5.42	0	0		
8:44	36.99	12.6	10.89	128.2	5.37	0	0		
8:44	39.26	12.82	11.31	132.8	5.45	0	0		
8:45	41.54	12.38	11.73	119.	5.45	0	0		
8:45	43.81	12.33	12.15	119.	5.37	0	0		
8:45	46.07	12.69	12.57	132.8	5.42	0	0		
8:46	48.32	13.69	12.99	155.7	5.37	0	0		
8:46	50.59	12.67	13.41	132.8	5.42	0	0		
8:47	52.89	13.08	13.83	137.4	5.34	0	0		
8:47	55.09	12.8	14.24	132.8	5.4	0	0		
8:48	57.35	12.47	14.66	123.6	5.4	0	0		
8:48	59.62	11.98	15.08	109.9	5.4	0	0		
8:48	61.86	12.96	15.5	96.15	5.34	0	0		
8:49	64.08	12.65	15.92	123.6	5.28	0	0		
8:49	66.33	12.67	16.34	119.	5.37	0	0		
8:50	68.57	13.1	16.76	132.8	5.37	0	0		
8:50	70.8	13.18	17.18	128.2	5.34	0	0		
8:51	73.03	13.16	17.59	123.6	5.28	0	0		
8:51	75.25	13.	18.01	119.	5.28	0	0		
8:51	77.48	13.68	18.43	128.2	5.31	0	0		
8:52	77.48	13.68	18.43	128.2	5.31	0	0	[CumVol]=78.2 bbl	
8:52	77.48	13.68	18.43	128.2	5.31	0	0	Reset Volume	
8:52	77.48	13.68	18.43	128.2	5.31	0	0	Start Mhdng Tail Slurry	
8:52	1.43	14.08	18.85	137.4	5.31	0	0		
8:52	3.62	15.12	19.27	169.4	5.17	0	0		
8:53	5.8	15.48	19.69	187.7	5.23	0	0		
8:53	8.	15.21	20.11	178.6	5.26	0	0		
8:53	10.21	15.11	20.53	174.	5.28	0	0	Release	
8:54	12.4	15.26	20.95	169.4	5.23	0	0		
8:54	14.59	15.48	21.37	178.6	5.26	0	0	MAR 2003	
8:55	16.79	15.31	21.78	174.	5.26	0	0	From	
8:55	19.	15.11	22.2	164.8	5.28	0	0	Confidential	
8:56	21.21	15.15	22.62	164.8	5.28	0	0		
8:56	23.4	15.06	23.04	160.3	5.23	0	0		
8:56	25.61	15.01	23.46	155.7	5.28	0	0		
8:57	27.82	14.99	23.88	155.7	5.28	0	0		
8:57	30.04	14.95	24.3	146.5	5.26	0	0	RECEIVED	
8:58	32.22	14.91	24.72	141.9	5.23	0	0	STATE CORPORATION COMMISSION	
8:58	34.44	14.9	25.14	141.9	5.31	0	0		
8:58	34.44	14.9	25.14	141.9	5.31	0	0	Reset Volume	
8:58	34.44	14.9	25.14	141.9	5.31	0	0	[CumVol]=36.2 bbl	
8:58	0.009	13.68	25.55	-9.16	0.	0	0		
8:59	0.009	13.68	25.55	-9.16	0.	0	0	Shutdown	
8:59	0.009	13.64	25.97	-4.58	0.	0	0	CONSERVATION DIVISION Wichita, Kansas	
8:59	0.009	13.64	25.97	-4.58	0.	0	0	[CumVol]=9367E-6 bbl	

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Well		Field				Service Date		Customer		Job Number
LOCKE #1-7								HESAPEAKE OPERATING		20133191
Time	Curves	Gravity	Elapsed Time	Pressure	Pump				Message	
24 Hr Clock	SP	PPG	min	psi	bpm					
8:59	0.009	13.64	25.97	-4.58	0.	0	0	0	Reset Volume	
8:59	0.009	13.64	25.97	-4.58	0.	0	0	0	Drop Top Plug	
8:59	0.032	13.51	26.39	13.74	1.17	0	0	0		
8:59	0.032	13.51	26.39	13.74	1.17	0	0	0	Start Displacement	
9:00	1.51	13.57	26.81	-4.58	5.76	0	0	0		
9:00	4.	10.25	27.23	87.	6.1	0	0	0		
9:01	6.55	8.83	27.65	68.68	6.12	0	0	0		
9:01	9.11	8.53	28.07	64.1	6.15	0	0	0		
9:01	11.67	8.41	28.49	68.68	6.1	0	0	0		
9:02	14.23	8.34	28.91	87.	6.12	0	0	0		
9:02	16.79	8.36	29.32	100.7	6.12	0	0	0		
9:03	19.34	8.34	29.74	109.9	6.07	0	0	0		
9:03	21.88	8.36	30.16	132.8	6.04	0	0	0		
9:04	24.41	8.5	30.58	146.5	6.04	0	0	0		
9:04	26.95	8.55	31.	164.8	6.04	0	0	0		
9:04	29.48	8.58	31.42	178.6	6.04	0	0	0		
9:05	32.01	8.59	31.84	201.5	6.04	0	0	0		
9:05	34.53	8.58	32.26	224.4	6.01	0	0	0		
9:06	37.07	8.55	32.68	238.1	6.04	0	0	0		
9:06	39.6	8.55	33.09	261.	6.01	0	0	0		
9:06	41.36	8.56	33.51	187.7	2.26	0	0	0		
9:07	41.36	8.56	33.51	187.7	2.26	0	0	0	Lower Pump Rate	
9:07	42.39	5.02	33.93	201.5	2.29	0	0	0		
9:07	43.31	5.02	34.35	187.7	2.32	0	0	0		
9:08	44.28	5.02	34.77	224.4	2.32	0	0	0		
9:08	45.24	5.01	35.19	228.9	2.26	0	0	0		
9:09	46.2	5.01	35.61	228.9	2.32	0	0	0		
9:09	47.17	5.01	36.03	219.8	2.29	0	0	0		
9:09	48.14	5.01	36.45	251.8	2.29	0	0	0		
9:10	48.14	5.01	36.45	251.8	2.29	0	0	0	Bump Top Plug	
9:10	48.26	5.01	36.87	618.1	0.	0	0	0		
9:10	48.26	5.01	36.87	618.1	0.	0	0	0	Bleed Off Pressure	
9:10	48.26	5.01	37.28	618.1	0.	0	0	0		
9:11	48.26	5.01	37.7	-4.58	0.	0	0	0		
9:11	48.26	5.01	38.12	-4.58	0.	0	0	0		

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Post Job Summary

Average Pump Rates, bpm				Volume of Fluid Injected, bbl				
Slurry	N2	SPG	Maximum Rate	Total Slurry	N2	Spacer	N2	
5.5	0	0	5.5	116	0	10	0	
Treating Pressure Summary, psi				Breakdown Fluid				
Maximum	Float	Average	Bump Plug to Breakdown	Type	Volume	Density		
618	250	0	618	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			
0 %	0 bbl	47.5 bbl	°F	<input type="checkbox"/> Washed Thru Ports	25 bbl			
Customer or Authorized Representative			Dowell Supervisor		<input type="checkbox"/> Circulation Lost			<input checked="" type="checkbox"/> Job Completed
Ken Turner			Darren Shilling					

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Wichita, Kansas

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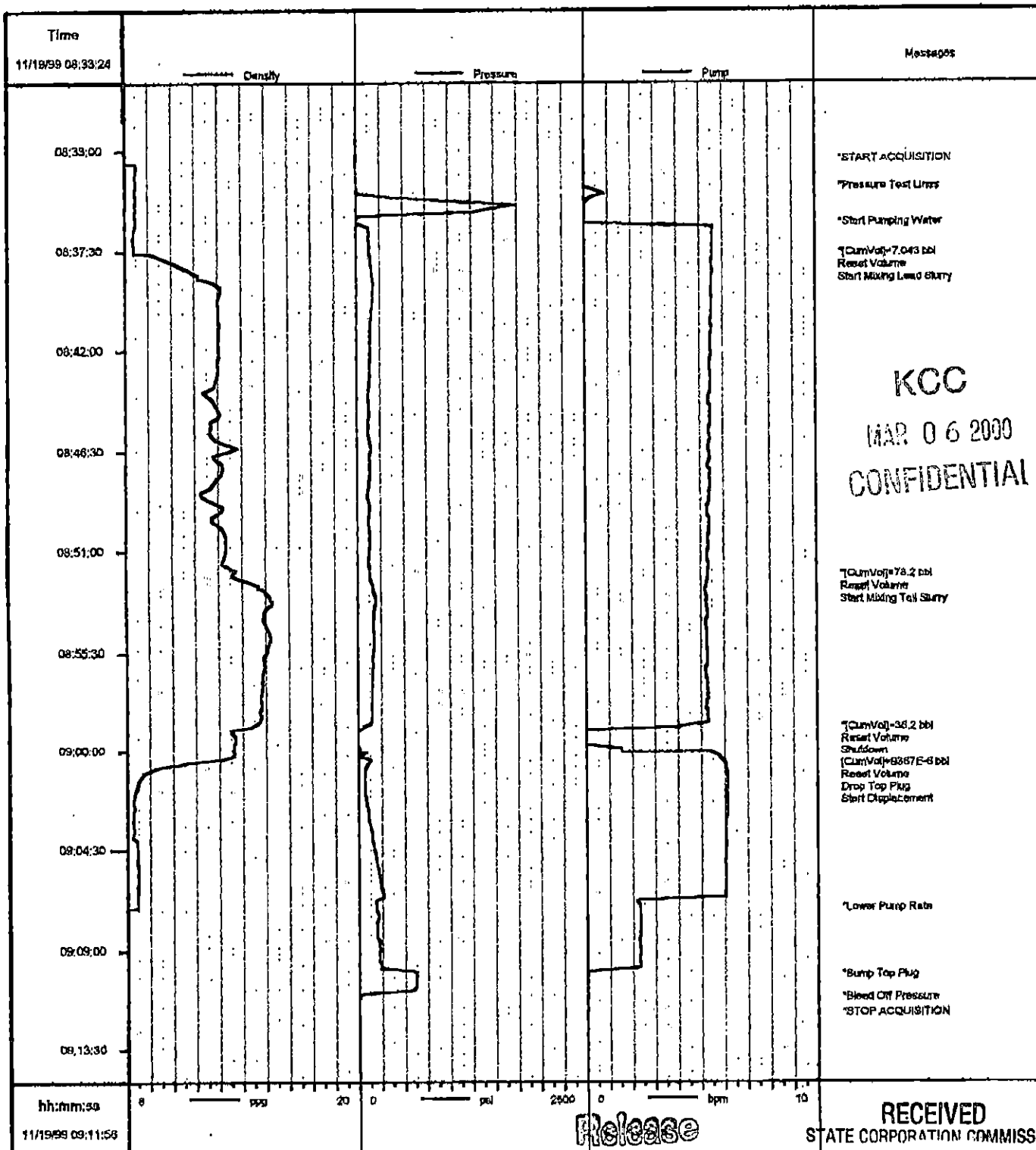
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Cementing Job Report

PRISM V2.23

ORIGINAL

Well	Locke 1-7	Client	Chesapeake
Field		SIR No.	20133191
Country	Usa	Job Date	11/19/99 8:33:24 AM



Messages

*START ACQUISITION
 *Pressure Test Lines
 *Start Pumping Water
 *CumVol=7.043 bbl
 *Reset Volume
 *Start Mixing Lead Slurry

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*CumVol=78.2 bbl
 *Reset Volume
 *Start Mixing Tail Slurry

*CumVol=36.2 bbl
 *Reset Volume
 *Shutdown
 *CumVol=8867E-6 bbl
 *Reset Volume
 *Drop Top Plug
 *Start Displacement

*Lower Pump Rate

*Bump Top Plug
 *Bleed Off Pressure
 *STOP ACQUISITION

Job: chs33191
11/23/1999 05:56:54

hh:mm:ss
11/19/99 09:11:58

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 Wichita, Kansas

* Mark of Schlumberger

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MAR 06 2000

ORIGINAL

Cementing Service Report

Schlumberger
Dowell

Customer: **CHESAPEAKE OPERATING COMPANY** Job Number: **20134263**

Well: LOCKE 1-7		Location (Legal): 7, 35S, 25W		Dowell Location: Ulysses, KS		Job Start: 11/27/99		
Field: MCKINNEY		Formation Name/Type:		Deviation: 0	Bit Size: 7.88 in	Well MD: 6,300 ft	Well TVD: 6,300 ft	
County: Clark		State/Province: KS		BHP: 0 psi	BHST: 130°F	BHCT: 115°F	Pore Press. Gradient: 0 psi/ft	
Rig Name: MURFIN 22	Drilled For: Gas	Service Via: Land		Casing/Liner:				
Offshore Zone:	Well Class: New	Well Type: Development		Depth, ft: 6300	Size, in: 4.5	Weight, lb/ft: 11.6	Grade: 0	
Drilling Fluid Type: Bentonite	Max. Density: 9.3 lb/gal	Fluid Viscosity: 35 cp		Tubing/Drill Pipe:				
Service Line: Cementing	Job Type: Cem Prod Casing		Depth, ft: 0	Size, in: 0	Weight, lb/ft: 0	Grade: 0	Thread: 0	
Max. Allowed Tubing Pressure: 2500 psi	Max. Allowed Ann. Pressure: 0 psi	Wellhead Connection: Single cement head		Perforations/Open Hole:				
Service Instructions: Safety deliver & perform Production String cement job with materials & equipment listed on the Service Receipt. Per clients instructions. Mileage: 50				Top, ft: 0	Bottom, ft: 0	SPR: 0	Max. of Shots: 0	Total Interval: 0 ft
				Test Down: Casing	Displacement: 97.5 bbl	Spacer Type: None	Spacer Depth: 0 ft	
				Tubing Vol.: 0 bbl	Casing Vol.: 98 bbl	Annular Vol.: 256 bbl	Open Hole Vol.: 0 bbl	
Casing/Tubing Secured: <input checked="" type="checkbox"/>	1 Hole Volume Checked prior to Cementing: <input type="checkbox"/>		Casing Tools:		Squeeze Job:			
Let Pressure: 4600 psi	Pipe Rotated: <input type="checkbox"/>	Pipe Recirculated: <input type="checkbox"/>		Shoe Type: Gulke	Squeeze Type:			
No. Cement Bags: 0	Top Plugs: 1	Bottom Plugs: 0		Shoe Depth: 6300 R	Tool Type:			
Cement Head Type: Single				Stage Tool Type:	Tool Depth: 0 ft			
Job Scheduled For: 11/27/99 9:00				Stage Tool Depth: 0 ft	Tail Pipe Size: 0 in			
Arrived on Location: 11/27/99 12:00		Leave Location: 11/27/99 15:00		Collar Type: Auto-Fill	Tail Pipe Depth: 0 ft			
				Collar Depth: 6284 ft	Seg Total Vol: 0 bbl			
Time	Cum Vol	Density	Pressure	Temp	Temp	Temp	Mileage	
24 hr block	bbl	PPG	psi	Fahr	Fahr	Fahr		
12:42	0	0	0	0	0	0	START ACQUISITION	
12:42	0	5	3617	0	0	0		
12:43	0.308	8.57	41.21	2.54	0.308	0		
12:44	0.308	8.57	41.21	2.54	0.308	0	Start Pumping Wash	
12:44	3.27	8.43	219.8	4.19	3.27	0		
12:45	6.47	8.37	208	4.25	6.47	0		
12:45	9.69	8.35	219.8	4.31	9.69	0		
12:46	12.92	8.35	219.8	4.28	12.92	0		
12:47	16.15	8.33	219.8	4.31	16.15	0		
12:48	19.38	8.33	233.5	4.28	19.38	0		
12:48	19.38	8.33	233.5	4.28	19.38	0	[Cum Vol]=20.16 bbl	
12:48	19.38	8.33	233.5	4.28	19.38	0	Reset Volume	
12:48	19.38	8.33	233.5	4.28	19.38	0	End Wash	
12:48	2.37	8.18	274.7	4.28	22.6	0		
12:49	5.59	8.23	256.4	4.28	25.83	0		
12:50	8.82	9.51	256.4	4.28	29.06	0		
12:50	8.82	9.51	256.4	4.28	29.06	0	[Cum Vol]=9.039 bbl	
12:50	8.82	9.51	256.4	4.28	29.06	0	Reset Volume	
12:50	8.82	9.51	256.4	4.28	29.06	0	Start Cement Slurry	
12:51	2.95	11.89	274.7	4.28	32.29	0		
12:51	6.17	13.8	279.3	4.28	35.52	0		
12:52	9.39	15.37	279.3	4.28	38.74	0		

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CONSERVATION
WICHITA, KAN.

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P.9
ORIGINAL

Well		Field				Service Date		Customer		Job Number
LOCKE #1-7		MCKINNEY						SAPEAKE OPERATING CO		20134243
Time	Flow	Density	Pressure	Temperature	Gamma			Message		
24 hr	bbbl	ppg	psi	°F	API					
12:53	12.62	14.78	201.5	4.31	41.97	0	0			
12:54	15.66	14.74	151.1	4.28	45.2	0	0			
12:54	19.09	14.59	123.6	4.31	48.44	0	0			
12:55	22.33	14.52	128.2	4.31	51.67	0	0			
12:56	25.56	15.12	141.9	4.28	54.9	0	0	KEC		
12:57	28.78	15.7	164.8	4.28	58.13	0	0	MAR 06 2000		
12:57	32.01	15.08	137.4	4.28	61.36	0	0	CONFIDENTIAL		
12:58	35.24	14.49	123.6	4.31	64.59	0	0			
12:59	38.47	14.59	132.8	4.31	67.82	0	0			
13:00	41.7	14.76	128.2	4.28	71.04	0	0			
13:00	44.92	14.99	137.4	4.28	74.27	0	0			
13:01	48.15	15.16	141.9	4.28	77.5	0	0			
13:02	51.38	15.21	141.9	4.28	80.72	0	0			
13:03	54.61	14.99	137.4	4.28	83.95	0	0			
13:04	57.84	14.95	132.8	4.28	87.18	0	0			
13:04	61.06	15.11	141.9	4.31	90.41	0	0			
13:05	64.29	15.06	146.5	4.28	93.64	0	0			
13:06	67.52	14.95	137.4	4.25	96.86	0	0			
13:07	70.75	14.8	137.4	4.28	100.1	0	0			
13:07	73.98	14.42	128.2	4.28	103.3	0	0			
13:08	77.21	14.97	132.8	4.28	106.6	0	0			
13:09	80.44	14.99	137.4	4.31	109.8	0	0			
13:10	83.66	15.04	137.4	4.28	113.	0	0			
13:10	86.89	15.15	141.9	4.28	116.2	0	0			
13:11	90.11	14.89	137.4	4.28	119.5	0	0			
13:12	93.34	14.71	132.8	4.28	122.7	0	0			
13:13	96.57	14.95	137.4	4.28	125.9	0	0			
13:13	99.8	15.01	137.4	4.28	129.1	0	0			
13:14	103.	15.	146.5	4.25	132.4	0	0			
13:15	106.2	14.89	132.8	4.28	135.6	0	0			
13:16	109.5	14.9	137.4	4.28	138.8	0	0			
13:16	112.7	14.87	132.8	4.28	142.	0	0			
13:17	115.9	14.89	132.8	4.28	145.3	0	0			
13:18	119.1	15.06	141.9	4.31	148.5	0	0			
13:18	122.4	15.19	146.5	4.28	151.7	0	0			
13:19	122.4	15.19	146.5	4.28	151.7	0	0	End Cement Slurry		
13:19	122.4	15.19	146.5	4.28	151.7	0	0	[CumVol]=124.2 bbl		
13:19	122.4	15.19	146.5	4.28	151.7	0	0	Reset Volume		
13:19	122.4	15.19	146.5	4.28	151.7	0	0	Drop Top Plug		
13:19	0.	13.75	-4.58	0.	153.5	0	0	Release		
13:19	0.	13.75	-4.58	0.	153.5	0	0	Start Displacement		
13:19	0.	13.75	-4.58	0.	153.5	0	0	PAUSE ACQUISITION		
13:24	0.	8.82	-4.58	0.	153.5	0	0	RESTART AFTER PAUSE		
13:24	0.	8.82	-4.58	0.	153.5	0	0	From		
13:25	0.559	8.95	54.95	3.77	154.1	0	0	CONFIDENTIAL		
13:26	3.66	9.	41.21	4.25	157.2	0	0	RECEIVED		
13:26	8.55	9.	155.7	7.19	162.1	0	0	STATE CORPORATION COMMISSION		
13:27	14.03	9.13	132.8	7.33	167.6	0	0			
13:28	19.55	9.09	137.4	7.3	173.1	0	0			
13:29	25.05	9.07	128.2	7.35	178.6	0	0	MAR 10 2000		
13:29	30.57	9.1	128.2	7.3	184.1	0	0			
13:30	36.06	9.04	132.8	7.33	189.6	0	0	CONSERVATION DIVISION		
13:31	41.58	9.02	132.8	7.24	195.1	0	0	Wichita, Kansas		
13:31	41.58	9.02	132.8	7.24	195.1	0	0	Lower Pump Rate		

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ORIGINAL

Well		Field				Service Code		Customer		Job Number
LOCKE #1-7		MCKINNEY						SAPEAKE OPERATING CO		20134243
Time	Current	Density	Pressure	Total Volume	Total			Message		
Clock	psi	ppg	psi	ppm	psi					
13:32	45.02	9.05	22.89	3.66	198.6	0	0			
13:32	47.77	9.05	22.89	3.63	201.3	0	0			
13:33	50.49	9.05	22.89	3.61	204	0	0			
13:34	53.4	9.03	32.05	4.14	207	0	0			
13:35	56.55	9.03	32.05	4.19	210.1	0	0			
13:35	59.74	9.05	155.7	4.22	213.3	0	0			
13:36	62.97	9.04	164.8	4.28	216.5	0	0			
13:37	66.18	9.05	238.1	4.22	219.7	0	0	KCC		
13:38	69.37	9	311.4	4.22	222.9	0	0			
13:38	72.56	9	398.4	4.22	226.1	0	0	MAR 06 2000		
13:39	75.73	9.03	471.6	4.19	229.3	0	0	CONFIDENTIAL		
13:40	78.89	9.01	554	4.17	232.4	0	0			
13:41	82.05	9.04	636.4	4.17	235.6	0	0			
13:41	85.21	9.01	714.3	4.19	238.8	0	0			
13:42	88.36	9.01	764.7	4.17	241.9	0	0			
13:43	88.36	9.01	764.7	4.17	241.9	0	0	Lower Pump Rate		
13:43	91.29	9.01	755.5	2.38	244.8	0	0			
13:44	93.04	9	828.8	2.32	246.6	0	0			
13:44	94.77	9.08	860.8	2.29	248.3	0	0			
13:45	96.5	9.06	943.2	2.29	250	0	0			
13:46	98.23	9.06	975.3	2.29	251.8	0	0			
13:47	99.96	9.1	993.6	2.15	253.5	0	0			
13:47	99.97	9.01	842.5	0.028	253.5	0	0			
13:48	99.97	8.9	842.5	0	253.5	0	0			
13:48	100.2	9.25	958.2	1.01	253.8	0	0			
13:50	100.2	9.25	958.2	1.01	253.8	0	0	Bump Top Plug		
13:50	100.5	9.15	1461	0	254	0	0	Bleed Off Pressure		
13:51	100.5	9.17	1328	0	254	0	0			
13:51	100.5	9.17	458	0	254	0	0			
13:52	100.5	9.17	458	0	254	0	0	End Job		

Post Job Summary									
Average Pump Rates, bpm					Volume of Fluid Injected, bbl				
Slurry	Hz	Mod	Maximum Rate	Total Slurry	Mod	Spacer	Hz		
4	0	0	7	120	0	30	0		
Treating Pressure Summary, psi					Breakdown Fluid				
Maximum	Final	Average	Bump Plug to	Breakdown	Type	Volume	Density		
1500	1034	200	0	0		0 bbl	0 lb/gal		
Avg. Hz Percent		Designed Slurry Volume		Displacement	Slur Temp	<input type="checkbox"/> Cement Circulated to Surface? Volume <input type="checkbox"/> Washed Thru Parts To			
0 %		116.5 bbl		99.5 bbl	60 °F				
Customer or Authorized Representative				Downed Supervisor					
Ken Turner				Jeffrey Dutton					
				<input type="checkbox"/> Circulation Lost		<input checked="" type="checkbox"/> Job Completed			

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CONSERVATION DIVISION
Wichita, Kansas

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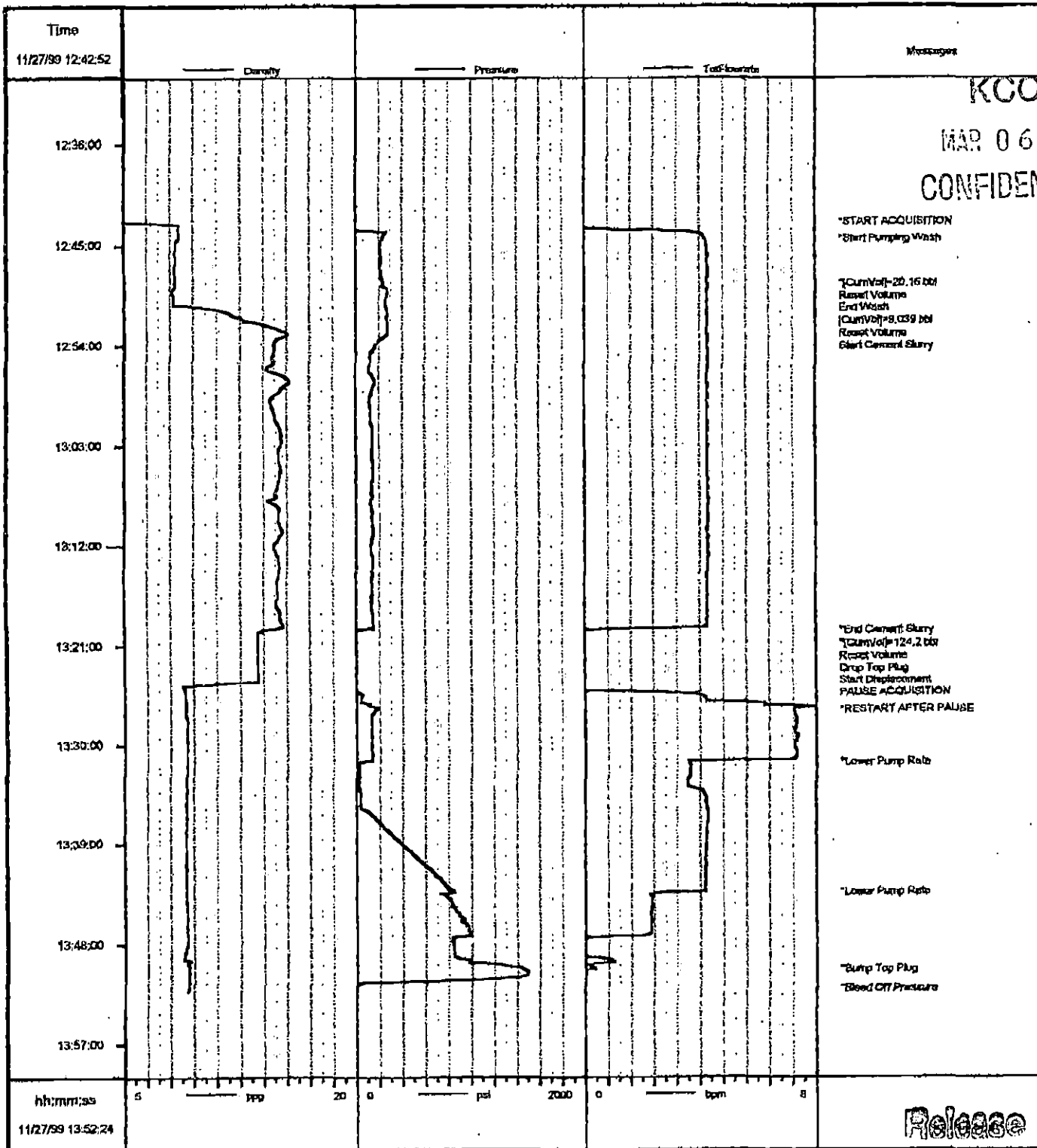
Schlumberger
Dowell

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Cementing Job Report

ORIGINAL PRISM V2.23

Well	Locke 1-7	Client	Chesapeake
Field	McKinney	SIR No.	20134243
Country	USA	Job Date	11/27/99 12:42:52 PM



Job: ches4243
11/27/99 16:00:35

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11/27/99 13:52:24

*Mark of Schlumberger

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