

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1
September 1999
Form Must Be Typed

WELL COMPLETION FORM

WELL HISTORY - DESCRIPTION OF WELL & LEASE

COPY

Operator: License # 32638
Name: Nadel and Gussman, L.L.C.
Address: 3200 First Place Tower
City/State/Zip: Tulsa, OK 74103
Purchaser: CIG
Operator Contact Person: James Piland
Phone: (918) 583-3333
Contractor: Name: Big A Drilling
License: 31572
Wellsite Geologist: Ken LeBlanc

API No. 15 - 129-21610-00-00
County: Morton
C - S2 - SW/4 Sec. 18 Twp. 32 S. R. 42 East West
660 feet from S N (circle one) Line of Section
1320 feet from E / W (circle one) Line of Section

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

Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: Stoops Well #: 2-18
Field Name: Mango
Producing Formation: Morrow

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. _____
9/18/00 9/27/00 11/9/00
Spud Date or Date Reached TD Completion Date or Recompletion Date

Elevation: Ground: 3950 Kelly Bushing: 3976
Total Depth: 3756 Plug Back Total Depth: 3950
Amount of Surface Pipe Set and Cemented at 1561 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 ALT 1 gzi 11/2/01
(Data must be collected from the Reserve Pit)
Chloride content _____ 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
STATE CORPORATION COMMISSION
FEB 12 2001
2-12-01
CONSERVATION DIVISION

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: [Signature]
Title: Manager of Production Date: 1/22/01
Subscribed and sworn to before me this 12 day of January, 2001.
Notary Public: KATHY GARROW
Creek County
Commission Expires 08/01/2003
Date Commission Expires: 8-1-03



KCC Office Use ONLY

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

Operator Name: Nadel and Gussman, L.L.C. Lease Name: Stoops Well #: 2-18
 Sec. 22 Twp. 32 S. R. 42 East West County: Morton

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
 Neutron Density
 Microlog

Log Formation (Top), Depth and Datum Sample

Name	Top	Datum
Topeka	2728	+837
Lansing	3402	+162
Marmaton	3936	-371
Atoka	4398	-833
Morrow	4588	-1023
Keyes SS	5075	-1510
Mississippi	5118	-1453

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	1561	'C'	575	3% 079, 1/4# D29 2% S-1, 1/4# D29
Production	7-7/8	5-1/2	14	3750	35/65 'C'	175	6% gel, 2% CC, 1/4# Flakes
					'C'	300	2% CC, 1/4# Flakes

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 checked="" type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone	3950-3850'	CL'C'	25	2% CaCl2, 1/4# flakes

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)	
		Amount	Depth
4	3632-36' CIBP @ 3350'	1.125 gal 15% HCL	
4	3252-56', 3196-98' CIBP @ 3190'	2.700 gal 15% HCL	
4	3138-48', 3114-20', 3070-74', 3022-26'	1200 gal 15%, 8000 gals 700 15%	
4	2740-42', 2749-51'	1200 gals 15%	

TUBING RECORD				Liner Run	
Size	Set At	Packer At			
2-3/8	3182	None			<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumerd Production, SWD or Enhr. 10/22/00		Producing Method <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	110	5		

Disposition of Gas **METHOD OF COMPLETION** Production Interval

Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled
 (If vented, Sumit ACO-18.) Other (Specify)

COPY

APL 15.129.21610.00.00

Schlumberger

Service Authorization

19-Sep-00

Schlumberger Technology Corporation
204 S Missouri
Ulysses, KS

Job Number
20178242

Important- See other side for terms and conditions

Invoice Mailing Address:
NADEL & GUSSMAN

ARRIVE LOCATION	Date	Time
	9/19/00	8:45:00 AM

3232 FIRST NATL TOWER
TULSA, OK 74103
US

Service Instructions
8 5/8" surface @ approx 1465' in 12 1/4" hole
375 sk lead @ 11.4 ppg
200 sk tail @ 14.8 ppg

Service Description

Cementing Cem Surface Casing

Customer PO

Contract

AFE

Rig

Well

State/Province

County/Parish/Block

Legal Location

STOOPS 2-18

KANSAS

MORTON

SEC 18-32S-42W

Field

MORTON

Customer or Authorized Representative

T. Diseker TOM DISEKER

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

T. Diseker

TOM DISEKER

Signature of Dowell Representative

Brennon Fica

Brennon Fica

Thank you for Calling Dowell!

RECEIVED
STATE CORPORATION COMMISSION
FEB 12 2001
REGISTRATION DIVISION



Cementing Service Report

COPY

APR 15 1999 21610 00 00

Well				Location (legal)				Dowell Location				Job Start									
STOOPS 2-18				SEC 18-32S-42W				Ulysses, KS				9/19/00									
Field				Formation Name/Type				Deviation		Bit Size		Well MD		Well TVD							
MORTON								0		12.3 in		1,571 ft		1,571 ft							
County				State/Province				BHP		BHST		BHCT		Pore Press. Gradient							
MORTON				KANSAS				0 psi		70 °F		70 °F		0 psi/ft							
Rig Name				Service Via				Casing/Liner													
				Land				Depth, ft		Size, in		Weight, lb/ft		Grade		Thread					
Offshore Zone				Well Class				1561		8.63		24									
Drilling Fluid Type				Max. Density				Plastic Viscosity				Tubing/Drill Pipe									
Native				9.1 lb/gal				3 cp				Depth,		Size, in		Weight, lb/ft		Grade		Thread	
Service Line				Job Type				0		0		0									
Cementing				Cem Surface Casing				0		0		0									
Max. Allowed Tubing Pressure				Max. Allowed Ann. Pressure				Wellhead Connection				Perforations/Open Hole									
1000 psi				0 psi				8 5/8" H & M				Top, ft		Bottom, ft		spf		No. of Shots		Total Interval	
Service Instructions				8 5/8" surface @ approx 1465' in 12 1/4" hole				0		0		0		0		0		0 ft		Diameter	
375 sk lead @ 11.4 ppg								0		0		0		0		0		0 in			
200 sk tail @ 14.8 ppg								Treat Down		Displacement		Packer Type		Packer Depth							
								Casing		97.8 bbl		None		0 ft							
								Tubing Vol.		Casing Vol.		Annular Vol.		OpenHole Vol							
								0 bbl		99.4 bbl		115.4 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: 361 psi				Pipe Rotated <input type="checkbox"/>				Pipe Reciprocated <input type="checkbox"/>				Shoe Type: Guide		Squeeze Type							
No. Centralizers: 3				Top Plugs: 1				Bottom Plugs: 0				Shoe Depth: 1571 ft		Tool Type:							
Cement Head Type: Single				Job Scheduled For:				Arrived on Location: 9/19/00 8:45				Leave Location: 9/19/00 14:00				Stage Tool Type: none		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: 1535 ft		Sqz Total Vol: 0 bbl							
Time												Message									
24 hr clock																					
Gun/Vol		Density		Pressure LH		Pump		Reset Vol													
bbl		ppg		psi		bpm		bbl													
11:56		0		0		0		0		0		START ACQUISITION									
11:56		0.		5.		-3558		0.		0.											
11:57		0.		8.36		-4.58		0.		0.											
11:58		0.		8.36		-4.58		0.		0.		Bleed Off Pressure									
11:58		0.		8.36		-4.58		0.		0.		[Reset Vol]=0 bbl									
11:58		0.		8.36		-4.58		0.		0.		Start Pumping Water									
11:58		0.239		8.38		874.5		0.		0.											
11:59		0.377		8.28		59.52		1.62		0.139											
12:00		5.87		8.03		91.58		6.24		5.63											
12:01		5.87		8.03		91.58		6.24		5.63		[Reset Vol]=0 bbl									
12:01		5.87		8.03		91.58		6.24		5.63		Start Mixing Lead Slurry									
12:01		12.1		11.67		160.3		6.21		4.99											
12:02		18.36		11.34		151.1		6.21		11.25											
12:03		24.61		11.46		137.4		6.21		17.49											
12:04		30.86		11.46		128.2		6.24		23.75											
12:05		37.11		11.29		100.7		6.24		30.											
12:06		43.38		11.44		100.7		6.24		36.26											
12:07		49.63		11.61		109.9		6.24		42.51											
12:08		55.88		11.48		105.3		6.21		48.76											
12:09		62.13		11.42		100.7		6.21		55.01											
12:10		68.38		11.25		100.7		6.24		61.26											
12:11		74.62		11.36		105.3		6.21		67.51											

RECEIVED
 STATE CORPORATION COMMISSION
 FEB 12 2001
 CONSERVATION DIVISION
 Topeka, Kansas

COPY

API 15-129-21610-00-00

Well		Field				Service Date	Customer	Job Number
STOOPS #2-18		MORTON					NADEL & GUSSMAN	20170242
Time	Card/ol	Density	Pressure (H)	Temp	Reset Vol			Message
24 hr clock	bbl	PPG	psf	bpm	bbl			
12:12	80.87	11.34	105.3	6.21	73.76	0	0	
12:13	87.13	11.2	100.7	6.21	80.01	0	0	
12:15	93.37	12.03	119.	6.21	86.26	0	0	
12:16	99.62	11.59	114.5	6.21	92.51	0	0	
12:17	105.9	11.17	109.9	6.24	98.75	0	0	
12:18	112.1	11.39	114.5	6.21	105.	0	0	
12:19	118.4	11.25	105.3	6.21	111.3	0	0	
12:20	124.6	11.32	109.9	6.21	117.5	0	0	
12:21	130.8	11.52	119.	6.21	123.7	0	0	
12:22	137.1	11.27	114.5	6.21	130.	0	0	
12:23	143.3	11.48	114.5	6.21	136.2	0	0	
12:24	149.6	11.33	114.5	6.21	142.5	0	0	
12:25	155.8	11.38	109.9	6.24	148.7	0	0	
12:26	162.1	11.59	119.	6.21	155.	0	0	
12:27	168.3	11.33	109.9	6.21	161.2	0	0	
12:28	174.6	11.14	100.7	6.21	167.4	0	0	
12:29	180.8	11.29	109.9	6.24	173.7	0	0	
12:30	183.4	11.87	4.58	0.	176.2	0	0	
12:30	183.4	11.87	4.58	0.	176.2	0	0	[Reset Vol]=0 bbl
12:31	183.4	11.87	4.58	0.	176.2	0	0	Start Mixing Tail Slurry
12:31	186.5	13.19	151.1	6.04	1.01	0	0	
12:32	192.6	15.11	210.6	6.04	7.04	0	0	
12:33	198.6	14.92	192.3	6.01	13.09	0	0	
12:34	204.7	14.65	174.	6.04	19.15	0	0	
12:35	210.7	15.13	192.3	5.98	25.18	0	0	
12:36	216.7	15.13	196.9	6.01	31.21	0	0	
12:37	222.8	14.55	169.4	6.01	37.25	0	0	
12:38	228.8	15.14	183.2	5.96	43.28	0	0	
12:38	228.8	15.14	183.2	5.96	43.28	0	0	[Reset Vol]=0 bbl
12:38	228.8	15.14	183.2	5.96	43.28	0	0	Drop Top Plug
12:38	228.8	15.14	183.2	5.96	43.28	0	0	Start Displacement
12:39	231.9	5.	-9.16	0.	0.044	0	0	
12:40	231.9	5.	22.89	0.	0.044	0	0	
12:41	232.3	5.	9.16	1.15	0.449	0	0	
12:42	237.	5.	41.21	5.48	5.11	0	0	
12:43	242.5	5.	41.21	5.42	10.6	0	0	
12:44	248.	5.	27.47	5.48	16.09	0	0	
12:45	253.5	5.	27.47	5.48	21.6	0	0	
12:46	259.3	5.	50.37	6.21	27.39	0	0	
12:47	265.5	5.	64.1	6.21	33.62	0	0	
12:48	271.7	5.	77.84	6.24	39.85	0	0	
12:49	278.	5.	100.7	6.18	46.08	0	0	
12:50	284.2	5.	137.4	6.15	52.3	0	0	
12:51	290.4	5.	187.7	6.15	58.48	0	0	
12:52	296.5	5.	233.5	6.15	64.66	0	0	
12:53	302.7	5.	279.3	6.1	70.83	0	0	
12:54	308.9	5.	338.8	6.15	76.98	0	0	
12:55	315.	5.	375.5	6.12	83.13	0	0	
12:56	321.1	5.	430.4	6.12	89.27	0	0	
12:57	327.	5.	1016	0.	95.15	0	0	
12:58	327.	5.	1016	0.	95.15	0	0	Bump Top Plug
12:58	327.	5.	1016	0.	95.15	0	0	
12:58	327.	5.	1016	0.	95.15	0	0	Bleed Off Pressure
12:59	327.	5.	897.4	0.	95.15	0	0	

COPY

APR 15 12:29:21/6/00.00.00

Well STOOPS #2-18			Field MORTON			Service Date		Customer NADEL & GUSSMAN		Job Number 20178242	
Time 24 hr clock	Con/Wol bbl	Density ppg	Pressure IN psi	Pump bpm	Result bbl	Message					
Post Job Summary											
Average Pump Rates, bpm						Volume of Fluid Injected, bbl					
Slurry		N2		Med		Maximum Rate		Total Slurry		Mud	
6		0		0		6		225		Spacer	
										N2	
										0	
Treating Pressure Summary, psi						Breakdown Fluid					
Maximum		Final		Average		Burr Plug to		Breakdown		Type	
1021		0		150		900		0		Volume	
										Density	
										0 bbl	
Avg. N2 Percent		Designed Slurry Volume		Displacement		Mix Water Temp		<input checked="" type="checkbox"/> Cement Circulated to Surface?		Volume	
0 %		239 bbl		95 bbl		70 °F		<input type="checkbox"/> Washed Thru Perfs		20 bbl	
										To 0 ft	
Customer or Authorized Representative TOM DISEKER						Dowell Supervisor Brennon Fica					
						<input type="checkbox"/> Circulation Lost <input checked="" type="checkbox"/> Job Completed					

COPY

Schlumberger

Service Authorization

29-Sep-00

Schlumberger Technology Corporation
204 S Missouri
Tulsa, OK

AFE 15.129.21610-00-00

Job Number

20179873

Important- See other side for terms and conditions

Invoice Mailing Address:
NADEL & GUSSMAN

ARRIVE LOCATION	Date	Time
	9/28/00	5:00:00 PM

Service Instructions

Cement 5 1/2" production casing as per client's request
use 25 sks tail cement for plug back @3950'

3232 FIRST NAT'L TOWER
TULSA, OK
US

Service Description

Cementing - Cem Prod Casing

Customer PO	Contract	AFE	Rig
0	0	0	
Well	State/Province	County/Parish/Block	Legal Location
STOOPS 2-18	KS		
Field	Customer or Authorized Representative		
	Tom Diseker		

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

Tom Diseker

Signature of Dowell Representative

Jeffrey Dutton

Thank you for Calling Dowell!

Customer **APL 15-124-21610-00-00** Job Number

NADEL & GUSSMAN Ulysses, KS Job Start **9/29/00**

Well **STOOPS 2-18** Location (legal) **Ulysses, KS** Dowell Location **Ulysses, KS** Job Start **9/29/00**

Field **STOOPS 2-18** Formation Name/Type **Chase** Deviation **0** Bit Size **0 in** Well MD **5200 ft** Well TVD **5200 ft**

County **KS** State/Province **KS** BPP **0 psi** BHST **0°F** BHCT **0°F** Perm Press Gradient **0 psi/ft**

Rig Name **Oil & Gas** Drilled For **Land** Service Via **Land**

Offshore Zone **Well Class** **New** **Rigless**

Drilling Fluid Type **Bentonite** Max. Density **10 lb/gal** Plastic Viscosity **60 cp**

Service Line **Cementing** Job Type **Cem Prod Casing**

Max. Allowed Tubing Pressure **2500 psi** Max. Allowed Ann. Pressure **0 psi** WellHead Connection **Single cement head**

Service Instructions **Cement 5 1/2" production casing as per client's request use 25 sks tail cement for plug back @3950'**

Final C56

Casing/Liner				
Depth, ft	Size, in	Weight, lb/ft	Grade	Thread
3756	5.5	14	K55	8RD
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	spr	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	90.5 bbl		0 ft
Tubing Vol.	Casing Vol.	Annular Vol.	Open Hole Vol
0 bbl	91 bbl	116 bbl	0 bbl

Casing/Tubing Secured 1 Hole Volume Circulated prior to Cementing

Lift Pressure: **2213 psi**

Pipe Rotated Pipe Reciprocated

No. Centralizers: **12** Top Plugs: **1** Bottom Plugs: **0**

Cement Head Type: **Single**

Job Scheduled For: **9/28/00 17:00** Arrived on Location: **9/29/00 11:00** Leave Location:

Casing Tools **Squeeze Job**

Shoe Type: **Guide** Squeeze Type

Shoe Depth: **3756 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: **3711 ft** Sqz Total Vol: **0 bbl**

Time	CumVol	Density	Pressure	TotFlowrate	TotVol	Message	
24 hr clock	bbi	ppg	psi	bpm	bbi		
9:09	0	0	0	0	0	0	START ACQUISITION
9:09	0	8.36	9.16	0	0	0	
9:09	0	8.36	9.16	0	0	0	Pressure Test Lines
9:09	0.046	8.32	9.16	0	0.046	0	
9:10	0.046	8.32	9.16	0	0.046	0	Start Pumping Water
9:10	1.43	8.36	233.5	5.14	1.43	0	
9:11	5.72	8.36	274.7	5.73	5.72	0	
9:12	10.03	8.36	270.1	5.68	10.03	0	
9:12	10.03	8.36	270.1	5.68	10.03	0	Start Pumping Wash
9:12	14.34	8.33	238.1	5.7	14.34	0	
9:13	18.64	8.33	68.68	5.7	18.64	0	
9:14	18.64	8.33	68.68	5.7	18.64	0	Reset Volume
9:14	18.64	8.33	68.68	5.7	18.64	0	[CumVol]=20.94 bbl
9:14	1.91	8.26	279.3	5.7	22.95	0	
9:15	1.91	8.26	279.3	5.7	22.95	0	Reset Volume
9:15	1.91	8.26	279.3	5.7	22.95	0	[CumVol]=5.651 bbl
9:15	0.477	10.98	297.6	5.7	27.26	0	
9:15	0.477	10.98	297.6	5.7	27.26	0	Start Mixing Lead Slurry
9:15	4.79	12.55	311.4	5.7	31.57	0	
9:16	9.09	12.13	315.9	5.73	35.87	0	
9:17	13.4	11.9	251.8	5.73	40.18	0	
9:18	17.7	12.48	224.4	5.7	44.48	0	

Well

Field

Service Date

Customer

STOOPS #2-18

NADEI & GUSSMAN

Message

Time	CumVol	Density	Pressure	TotFlowrate	TotVol			
24 hr clock	bbf	ppg	psi	bpm	bbf			
9:18	22.01	12.42	187.7	5.7	48.79	0	0	
9:19	26.32					0	0	
9:20	30.63	12.39	174	5.7	57.41	0	0	
9:21	34.93	12.87	187.7	5.7	61.71	0	0	
9:21	39.24	12.48	174	5.7	66.02	0	0	
9:22	43.56	12.55	183.2	5.7	70.34	0	0	
9:23	47.86	12.28	164.8	5.7	74.64	0	0	
9:24	52.17	12.36	160.3	5.7	78.95	0	0	
9:24	56.47	12.48	174	5.7	83.26	0	0	
9:25	60.78	12.3	164.8	5.7	87.56	0	0	
9:26	65.1	12.03	141.9	5.73	91.88	0	0	
9:27	65.1	12.03	141.9	5.73	91.88	0	0	Reset Volume
9:27	65.1	12.03	141.9	5.73	91.88	0	0	[CumVol]=68.16 bbl
9:27	65.1	12.03	141.9	5.73	91.88	0	0	End Lead Slurry
9:27	65.1	12.03	141.9	5.73	91.88	0	0	Start Mixing Tail Slurry
9:27	1.15	10.68	132.8	5.7	96.18	0	0	
9:27	5.45	15	192.3	5.7	100.5	0	0	
9:28	9.76	14.87	224.4	5.7	104.8	0	0	
9:29	14.06	15.19	224.4	5.7	109.1	0	0	
9:30	18.37	14.74	219.8	5.7	113.4	0	0	
9:30	22.68	14.87	219.8	5.7	117.7	0	0	
9:31	26.99	14.93	219.8	5.7	122	0	0	
9:32	31.29	14.7	206	5.7	126.3	0	0	
9:33	35.6	15.2	224.4	5.73	130.6	0	0	
9:33	39.9	14.8	210.6	5.7	134.9	0	0	
9:34	44.22	15.09	206	5.73	139.3	0	0	
9:35	48.53	14.9	224.4	5.73	143.6	0	0	
9:36	52.83	14.74	219.8	5.7	147.9	0	0	
9:37	57.13	14.96	224.4	5.73	152.2	0	0	
9:37	61.44	15.15	233.5	5.7	156.5	0	0	
9:38	65.75	14.96	224.4	5.73	160.8	0	0	
9:39	70.06	14.68	206	5.73	165.1	0	0	
9:40	74.36	15.16	224.4	5.7	169.4	0	0	
9:40	78.66	15.88	219.8	5.73	173.7	0	0	
9:41	78.66	15.88	219.8	5.73	173.7	0	0	Shutdown
9:41	78.66	15.88	219.8	5.73	173.7	0	0	[CumVol]=79.91 bbl
9:41	78.66	15.88	219.8	5.73	173.7	0	0	Reset Volume
9:41	78.66	15.88	219.8	5.73	173.7	0	0	PAUSE ACQUISITION
9:45	78.66	15.88	219.8	5.73	173.7	0	0	RESTART AFTER PAUSE
9:45	0	8.52	-18.32	0	174.9	0	0	
9:45	0	8.52	-18.32	0	174.9	0	0	Drop Top Plug
9:45	0	8.52	-18.32	0	174.9	0	0	Start Displacement
9:45	2.66	8.56	77.84	5.7	177.6	0	0	
9:46	6.95	8.51	87	5.73	181.9	0	0	
9:47	11.23	8.47	82.42	5.7	186.2	0	0	
9:48	15.52	8.48	82.42	5.7	190.5	0	0	
9:48	19.81	8.41	77.84	5.7	194.8	0	0	
9:49	24.1	8.46	91.58	5.7	199.1	0	0	
9:50	28.4	8.46	96.15	5.7	203.3	0	0	
9:51	32.7	8.45	96.15	5.73	207.6	0	0	
9:51	36.99	8.46	91.58	5.7	211.9	0	0	
9:52	41.29	8.46	96.15	5.68	216.2	0	0	
9:53	45.58	8.44	91.58	5.73	220.5	0	0	
9:54	49.87	8.44	219.8	5.7	224.8	0	0	

Well	Field		Service Date		Customer		Job Number	
STOOPS #2-18					NADEL & GUSSMAN		20179873	
Time	CumVol	Density	Pressure	TotFlowrate	TotVol	Message		
24 hr clock	bbbl	ppg	psi	bpm	bbbl			
9:54	54.17	8.42	288.5	5.7	229.1	0	0	
9:55	58.46	8.4	370.9	5.73	233.4	0	0	
9:56	62.76	8.39	435.	5.7	237.7	0	0	
9:57	67.05	8.4	522.	5.73	242.	0	0	
9:57	71.34	8.39	599.8	5.7	246.3	0	0	
9:58	75.64	8.36	696	5.7	250.6	0	0	
9:59	79.92	8.33	773.8	5.73	254.9	0	0	
9:59	79.92	8.33	773.8	5.73	254.9	0	0	Lower Pump Rate
10:00	82.2	8.39	650.2	2.01	257.1	0	0	
10:00	83.72	8.47	705.1	2.01	258.7	0	0	
10:01	85.24	8.48	718.9	2.04	260.2	0	0	
10:02	86.75	8.48	750.9	2.04	261.7	0	0	
10:03	88.27	8.41	805.9	2.04	263.2	0	0	
10:04	89.78	8.44	819.6	2.01	264.7	0	0	
10:04	91.23	8.82	1401	0.	266.2	0	0	
10:04	91.23	8.82	1401	0.	266.2	0	0	Bump Top Plug
10:05	91.23	8.85	1406	0.	266.2	0	0	
10:06	91.23	8.85	1410	0.	266.2	0	0	
10:07	91.23	8.5	1419	0.	266.2	0	0	
10:07	91.23	8.72	1419	0.	266.2	0	0	
10:08	91.23	8.39	1424	0.	266.2	0	0	
10:09	91.23	8.76	1424	0.	266.2	0	0	
10:10	91.23	8.81	1424	0.	266.2	0	0	
10:10	91.23	8.81	1424	0.	266.2	0	0	Bleed Off Pressure
10:10	91.23	8.82	425.8	0.	266.2	0	0	
10:11	91.23	8.83	0.	0.	266.2	0	0	
10:12	91.23	8.84	0.	0.	266.2	0	0	
10:13	91.23	8.83	4.58	0.	266.2	0	0	
10:13	91.23	8.83	4.58	0.	266.2	0	0	End Job
10:13	91.23	8.83	4.58	0.	266.2	0	0	PAUSE ACQUISITION

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	146	0	20	0		
Treating Pressure Summary, psi					Breakdown Fluid				
Maximum	Final	Average	Bump Plug to	Breakdown	Type	Volume	Density		
1400	850	300	1400	0		0 bbl	0 lb/gal		
Avg. N2 Percent	Designed Slurry Volume	Displacement	Mix Water Temp.	Cement Circulated to Surface?	Volume				
0 %	145 bbl	91 bbl	80 °F	<input type="checkbox"/>	0 bbl				
Customer or Authorized Representative			Dowell Supervisor		Washed Thru Perfs		To		
Tom Diseker			Jeffrey Dutton		<input type="checkbox"/> Circulation Lost		<input checked="" type="checkbox"/> Job Completed		

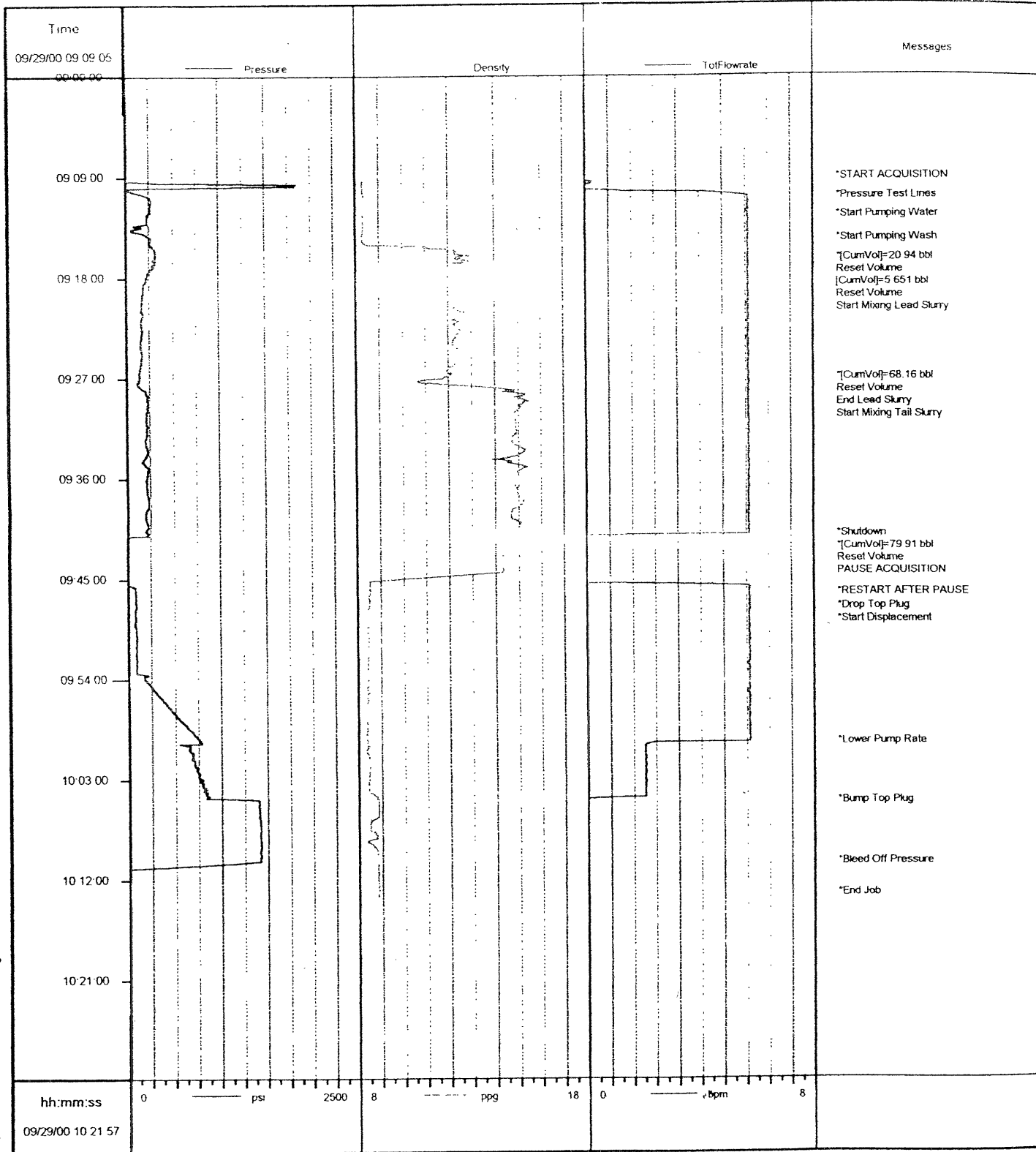
Cementing Job Report

PRISM V2.23

APR 15 129 21610 00 00

COPY

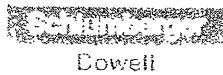
Well	Stoop 2-18	Client	Nadel & Gussman
Field	Chase	SIR No.	20179873
Country	USA	Job Date	9/29/2000 9 09:05 AM



Job no: ng79873

09/29/2000 10:25:59

* Mark of Schlumberger



APR 15 129-21416.0000

Dowell

Job Administration Data

Client	Nadel & Gussman
Client Rep.	James
Well Name	Stoop 2-18
Field Name	Chase
Rig Name	
Rig Contractor	
Contractor Rep.	
Serv. Location	Ulysses, Ks 2054
Dowell Engineer	Mr. Jeff Dutton
Dowell Phone	316-356-1272
Acq. Front End	1 JAB/Hybrid RDA - 1 Cement Unit
Start Date	09/28/2000 18:00:53
End Date	09/28/2000 18:29:33
SIR Number	20179873
Description	Production Casing

*Set Plug.***Channels Description**

Channel	Description	Minimum	Maximum	Unit
Acquisition Time	Acquisition time	09/28/2000 18:00:53	09/28/2000 18:16:34	
CumVol	Cumulative Volume	0	52.01	bbbl
Density	Micromotion DS300S NRD 0 to 25 ppg	-6.25	18.59	ppg
Pressure	Viatran 500 Pressure Transducer 4-20mA 0-15 kpsi	-3782	819.6	psi
TotFlowrate	Total Flowrate	0	5.732	bpm
TotVol		0	58.32	bbbl

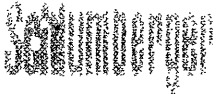
Acquisition Data

Acquisition Time	CumVol	Density	Pressure	TotFlowrate	TotVol	Messages
09/28/2000 18:00:53	-	-	-	-	-	START ACQUISITION
09/28/2000 18:00:53	0.	-6.25	-3782	0.	0.	
09/28/2000 18:01:23	0.	7.891	13.74	0.	0.	
09/28/2000 18:01:53	0.	12.23	4.579	0.	0.	
09/28/2000 18:02:23	0.	14.93	13.74	0.	0.	
09/28/2000 18:02:54	1.08	14.96	141.9	3.187	1.08	
09/28/2000 18:03:24	2.239	14.4	64.1	2.013	2.239	
09/28/2000 18:03:54	3.716	14.67	137.4	3.691	3.716	
09/28/2000 18:04:24	5.563	12.15	91.58	3.691	5.563	
09/28/2000 18:04:36	-	-	-	-	-	[CumVol]=6.241 bbl
09/28/2000 18:04:36	-	-	-	-	-	Reset Volume
09/28/2000 18:04:54	1.11	10.19	50.37	3.691	7.413	
09/28/2000 18:05:24	3.079	10.18	87.	4.921	9.382	
09/28/2000 18:05:55	5.576	9.86	141.9	4.977	11.88	
09/28/2000 18:06:25	8.074	9.844	64.1	5.033	14.38	
09/28/2000 18:06:55	10.57	9.844	164.8	4.977	16.87	
09/28/2000 18:07:25	13.21	9.86	228.9	5.396	19.51	
09/28/2000 18:07:55	16.06	9.86	274.7	5.704	22.36	
09/28/2000 18:08:25	18.93	9.86	306.8	5.704	25.23	
09/28/2000 18:08:56	21.79	9.86	366.3	5.704	28.1	
09/28/2000 18:09:26	24.66	9.86	439.6	5.676	30.97	
09/28/2000 18:09:56	27.53	9.86	522.	5.676	33.84	
09/28/2000 18:10:26	30.4	9.86	595.2	5.704	36.71	
09/28/2000 18:10:56	33.28	9.86	673.1	5.704	39.58	
09/28/2000 18:11:26	36.04	9.86	705.1	5.424	42.34	

APE 15-12A-21610-00-00

COPY

Acquisition Time	CumVol	Density	Pressure	TotFlowrate	TotVol	Messages
09/28/2000 18:11:57	38.77	9.86	769.2	5.424	45.07	
09/28/2000 18:12:27	41.49	9.86	783.	5.396	47.8	
09/28/2000 18:12:57	44.01	9.86	769.2	4.977	50.32	
09/28/2000 18:13:27	46.48	9.86	755.5	4.837	52.79	
09/28/2000 18:13:57	48.89	9.86	737.2	4.809	55.2	
09/28/2000 18:14:27	51.3	9.86	810.4	4.781	57.61	
09/28/2000 18:14:44	-	-	-	-	-	Shutdown
09/28/2000 18:14:58	52.01	10.15	402.9	0.	58.32	
09/28/2000 18:15:28	52.01	10.26	407.5	0.	58.32	
09/28/2000 18:15:58	52.01	10.27	4.579	0.	58.32	
09/28/2000 18:16:28	52.01	10.28	4.579	0.	58.32	
09/28/2000 18:29:33	-	-	-	-	-	STOP ACQUISITION

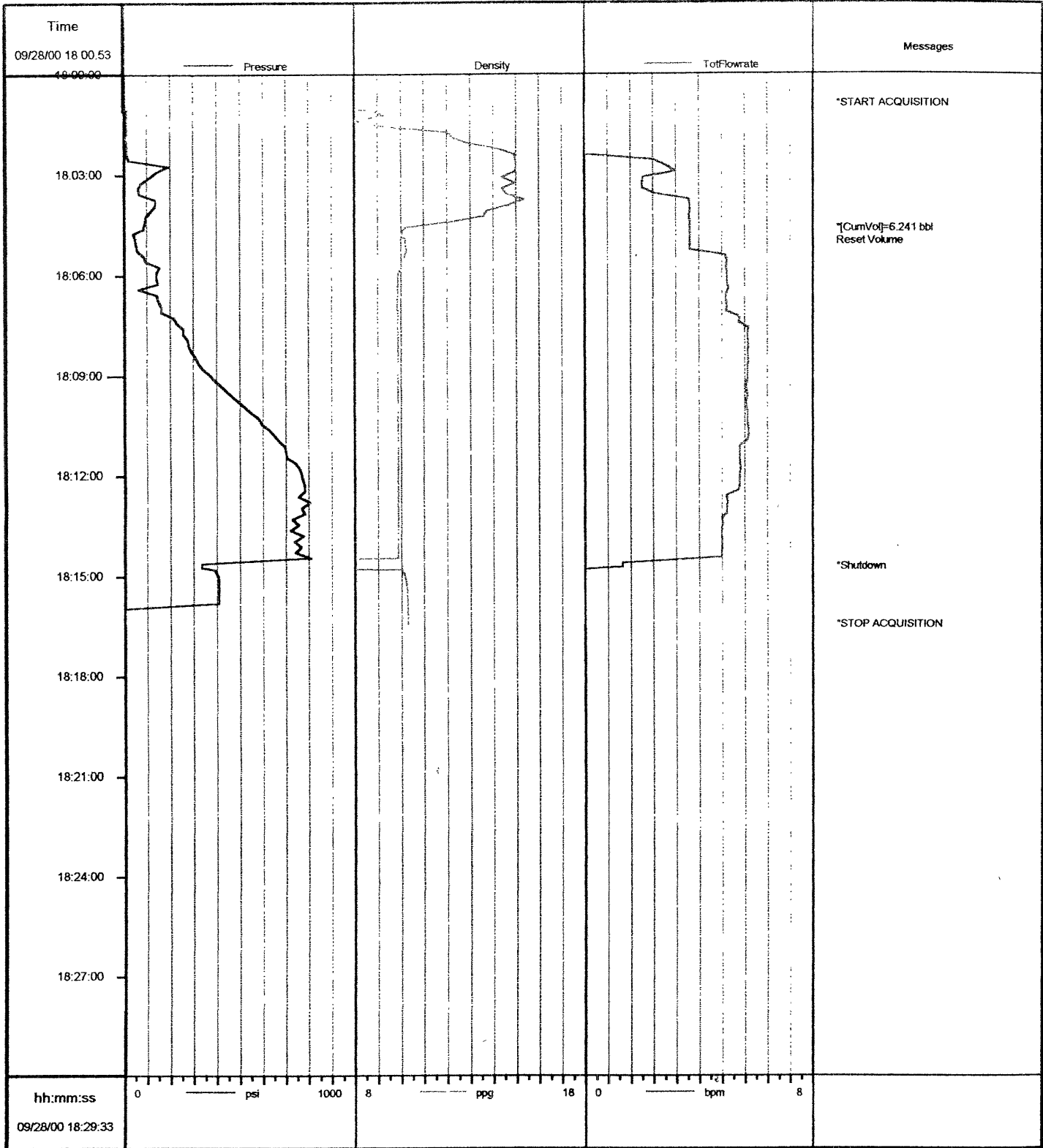


Cementing Job Report

COPY PRISM* V2.23

APT 15-129-71610-00-00

Well	Stoop 2-18	Client	Nadel & Gussman
Field	Chase	SIR No.	20179873
Country	USA	Job Date	9/28/2000 6:00:53 PM



Job: ng79873

09/29/2000 02:24:49

* Mark of Schlumberger