

STATE CORPORATION COMMISSION OF KANSAS  
OIL & GAS CONSERVATION DIVISION  
WELL COMPLETION FORM  
ACO-1 WELL HISTORY  
DESCRIPTION OF WELL AND LEASE

**CONFIDENTIAL**

Operator: License # 9953

Name: Harris Oil and Gas Company

Address 1125 Seventeenth Street  
Suite 2290

City/State/Zip Denver, CO 80202

Purchaser: N/A

Operator Contact Person: Doug Hoisington

Phone (303) 293-8838

Contractor: Name: Big A Drilling

License: 31572

Wellsite Geologist: Curtis Covey

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: N/A

Operator: ---

Well Name: ---

Comp. Date --- Old Total Depth ---

Deepening  Re-perf.  Conv. to Inj/SWD

Plug Back  PBTD

Commingled  Docket No. ---

Dual Completion  Docket No. ---

Other (SWD or Inj?)  Docket No. ---

02/08/01 02/18/01 02/20/01

Spud Date Date Reached TD Completion Date

API NO. 15- 187-20945-0000 ORIGINAL

County Stanton

G - W/2 - SE - SW Sec. 32 Twp. 29S Rge. 39 X <sup>E</sup> <sub>W</sub>

660 Feet from S/N (circle one) Line of Section

1650 Feet from E/W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:  
NE, SE, NW or SW (circle one)

Lease Name Janet Nordling Well # 1-1432

Field Name Wildcat

Producing Formation N/A

Elevation: Ground 3214' KB 3224'

Total Depth 5808' PBTD 5808'

Amount of Surface Pipe Set and Cemented at 1706 Feet

Multiple Stage Cementing Collar Used?  Yes  No

yes,  No depth set N/A Feet

Alter  I completion, cement circulated from N/A

Feet depth --- w/ --- sx cmt.

Drilling Fluid Management Plan N/A 8/1/01 JB  
Data collected from the Reserve Pit

Chloride content 1100 ppm Fluid volume 500 bbls

Dewatering method used Air Evaporation

Location of fluid disposal if hauled offsite:  
N/A

Operator Name ---

Lease Name --- License No. ---

--- Quarter Sec. --- Twp. --- S Rng. --- E/W

County --- Docket No. ---

RELEASED

APR 25 2002

FROM CONFIDENTIAL

CONSERVATION DIVISION

RECEIVED  
KANSAS CORPORATION COMMISSION  
MAR 22 2002

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 on 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 Operations Manager Date 03/19/01

Subscribed and sworn to before me this 19th day of March, 2001

Notary Public Jammy L. Sterman

Date Commission Expires March 31, 2001

K.C.C. OFFICE USE ONLY		
F	<input checked="" type="checkbox"/>	Letter of Confidentiality Attached
C	<input checked="" type="checkbox"/>	Wireline Log Received
C	<input checked="" type="checkbox"/>	Geologist Report Received
Distribution		
<input checked="" type="checkbox"/>	KCC	<input type="checkbox"/> SWD/Rep <input type="checkbox"/> NGPA
<input type="checkbox"/>	KGS	<input type="checkbox"/> Plug <input type="checkbox"/> Other (Specify)

MAR 9 2002  
CONFIDENTIAL

Operator Name Harris Oil and Gas Company

Lease Name Janet Nordling

Well # 1-1432

Sec. 32 Twp. 29S Rge. 39

East  
 West

County Stanton

**ORIGINAL**

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem 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 during test. Attach extra sheet if more space is needed. Attach copy of log.

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: Induction/ SP/ GR  
CNDL/GR  
ML/GR

Log Formation (Top), Depth and Datums  Sample

Name	Top	Datum
Heebner	3774'	-550
Lansing	3874'	-650
Base of KC	4442'	-1218
Marmaton	4460'	-1236
Cherokee	4642'	-1418
Morrow	4642'	-1959
St. Louis	5701'	-2477

**RECEIVED**

KANSAS CORPORATION COMMISSION

MAR 27 2001

**CONFIDENTIAL**

CASING RECORD <input checked="" type="checkbox"/> New <input type="checkbox"/> Used <b>CONSERVATION DIVISION</b>							
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#	1706'	Lite/Class C	500/125	2% CaCl w/ 1/8# Flocele 2% CaCl w/ 1/4# 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				

**RELEASED**

APR 25 2002

**FROM CONFIDENTIAL**

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

KCC

MAR 19 2002

**CONFIDENTIAL**

TUBING RECORD	Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No

Date of First, Resumed Production, SWD or Inj.	Producing Method <input 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

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

METHOD OF COMPLETION:  Open Hole  Perf.  Dually Comp.  Commingled  Other (Specify) Dry and Abandoned

Production Interval: \_\_\_\_\_

Customer <b>HARRIS OIL &amp; GAS COMPANY</b>		Person Taking Call <b>Charley King</b>		Dowell Location <b>Ulysses, KS</b>		Order Date <b>2/9/01</b>		Job Number <b>20201599</b>	
Well Name and Number <b>Janet Nordling 1-1432</b>			Legal Location <b>sec 32-29S-39W</b>		Field <b>Hugoton</b>		County <b>Stanton</b>		State/Province <b>Kansas</b>
Rig Name <b>Big A 4</b>		Well Age <b>New</b>	Sales Engineer <b>Trenton Mitchell</b>			Job Type <b>Cem Surface Casing</b>			
Time Well Ready: <b>2/10/01 2:00 AM</b>		Deviation <b>0</b>	Bit Size <b>12.3 in</b>	Well MD <b>1,707 ft</b>	Well TVD <b>1,707 ft</b>	BHP <b>0 psi</b>	BHST <b>85 °F</b>	BHCT <b>80 °F</b>	
Treat Down <b>Casing</b>	Packer Type <b>None</b>	Packer Depth <b>0 ft</b>	WellHead Connection <b>Single cement head</b>		HHP on Location <b>0</b>	Max Allowed Pressure <b>400</b>		Max Allowed Ann Pressure <b>0</b>	
<b>Casing</b>					<b>Services Instructions:</b> Safely cement 8 5/8 surface casing as per customer's request  <div style="text-align: center;"><b>RECEIVED</b> KANSAS CORPORATION COMMISSION</div>				
Depth, ft	Size, in	Weight, lb/ft	Grade	Thread					
1707	8.63	24							
<b>Tubing</b>					<b>Extra Equipment:</b> Guide Shoe 4 centralizers autofill insert top plug thread lock  <div style="text-align: center;"><b>MAR 22 2001</b></div>				
Depth, ft	Size, in	Weight, lb/ft	Grade	Thread					
0	0	0							
<b>Perforated Intervals</b>					<div style="text-align: center;"><b>CONSERVATION DIVISION</b></div>				
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					

Contact	Voice	Mobile	FAX	Notes
Harold Frauli	316-624-8388	316-629-0064		

**Notes:**  
8 5/8 Head, Swedge and manifold

**RELEASED**  
**APR 25 2002**  
**FROM CONFIDENTIAL**

**ACO-1 COPY**

**Directions:**  
Big Bow- 7S-2 3/4W- N into

**COPY**

**CONFIDENTIAL**

**Other Notes:**

**KCC**  
**MAR 19 2002**  
**CONFIDENTIAL**

Comments:

**Fluid Systems:**

Lead			
500 sks 35/65 Poz/C + 6 % BWOB D020 + 0.125 lbs/sk D130 + 2 % BWOB S001			
Density:	12.3 lb/gal	Thickening Time:	
Yield:	2.1 ft <sup>3</sup> /sk	Viscosity:	cp
H2O Mix:	11.66 gal/sk	Break Time:	
H2O:	5830 gal	Eq. Sack Weight:	88.75 lb
Dowell Code	Conc/ Amount	Total Quantity	
S001	2 % BWOB	887.5	
D130	0.125 lbs/sk	62.5	
D020	6 % BWOB	2662.5	
D132	27.65 lbs/sk	13825	
D903	61.1 lbs/sk	30550	

Tail			
125 sks Class C + 2 % BWOB S001 + 0.25 lbs/sk D130			
Density:	14.8 lb/gal	Thickening Time:	
Yield:	1.34 ft <sup>3</sup> /sk	Viscosity:	cp
H2O Mix:	6.36 gal/sk	Break Time:	
H2O:	795 gal	Eq. Sack Weight:	94 lb
Dowell Code	Conc/ Amount	Total Quantity	
D130	0.125 lbs/sk	15.625	
S001	2 % BWOB	235	
d903	94 lbs/sk	11750	

ORIGINAL

ORIGINAL

CONFIDENTIAL

KCC

MAR 19 2002

CONFIDENTIAL

RELEASED

APR 25 2002

FROM CONFIDENTIAL

Customer				Job Number					
HARRIS OIL & GAS COMPANY				20201599					
Well		Location (legal)		Dowell Location		Job Start			
Janet Nordling 1-1432		sec 32-29S-39W		Ulysses, KS					
Field		Formation Name/Type		Deviation	Bit Size	Well MD	Well TVD		
Hugoton		none		0 °	12.3 in	1,707 ft	1,707 ft		
County		State/Province		BHP	BHST	BHCT	Pore Press. Gradient		
Stanton		Kansas		0 psi	85 °F	80 °F	0 psi/ft		
Rlg Name	Drilled For	Service Via		Casing/Liner					
Big A 4	Oil & Gas	Land		Depth, ft	Size, in	Weight, lb/ft	Grade		
Offshore Zone	Well Class	Well Type		1707	8.63	24			
none	New	Development		0	0	0			
Drilling Fluid Type		Max. Density	Plastic Viscosity		Tubing/Drill Pipe				
Spud Mud		9.9 lb/gal	0 cp		Depth,	Size, in	Weight, lb/ft	Grade	
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					
400 psi	0 psi	Single cement head		Top, ft	Bottom, ft	spf	No. of Shots		
Service Instructions				0	0	0	0		
Safely cement 8 5/8 surface casing as per customer's request				0	0	0	0		
				0	0	0	0		
				Treat Down	Displacement	Packer Type	Packer Depth		
				Casing	106 bbl	None	0 ft		
				Tubing Vol.	Casing Vol.	Annular Vol.	OpenHole Vol		
				0 bbl	108.7 bbl	124.3 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: 701 psi				Pipe Rotated <input type="checkbox"/>		Pipe Reciprocated <input checked="" type="checkbox"/>		Shoe Type: Guide	
				No. Centralizers: 4		Top Plugs: 1		Bottom Plugs: 0	
Cement Head Type: Single				Stage Tool Type:		Tool Depth: 0 ft		Shoe Depth: 1700 ft	
Job Scheduled For: 2/10/01 2:00				Arrived on Location: 2/10/01 2:00		Leave Location:		Tool Type:	
				Stage Tool Depth: 0 ft		Tail Pipe Size: 0 in		Collar Type: Auto-Fill	
				Collar Depth: ft		Sqz Total Vol: 0 bbl		Tail Pipe Depth: 0 ft	
Time	CumVol	Density	Pressure (l)	Total Flowrate	Message				
24 hr clock	ftbl	ppg	psi	gpm					
7:55	0	0	0	0	0	0	0	0	START ACQUISITION
7:55	0.	-6.25	-3823	0.	0	0	0	0	
7:55	0.	-6.25	-3823	0.	0	0	0	0	Reset Volume
7:55	0.	-6.25	-3823	0.	0	0	0	0	[CumVol]=.1087 bbl
7:56	0.	-6.25	-3823	0.	0	0	0	0	Pressure Test Lines
7:56	0.379	8.18	-18.32	0.	0	0	0	0	
7:57	0.379	8.18	-18.32	0.	0	0	0	0	
7:57	0.379	8.19	-18.32	0.	0	0	0	0	
7:58	0.379	8.2	-18.32	0.	0	0	0	0	
7:58	0.599	8.18	1245	0.	0	0	0	0	
7:59	0.599	8.19	41.21	0.	0	0	0	0	
7:59	0.599	8.19	18.32	0.	0	0	0	0	
7:59	0.599	8.19	18.32	0.	0	0	0	0	Start Pumping Water
8:00	2.33	8.42	274.7	7.91	0	0	0	0	KCC
8:00	6.31	8.41	283.9	7.88	0	0	0	0	
8:01	9.97	8.41	251.8	7.16	0	0	0	0	MAR 19 2002
8:01	13.57	8.39	247.3	7.19	0	0	0	0	
8:02	17.17	8.39	256.4	7.16	0	0	0	0	CONFIDENTIAL
8:02	17.17	8.39	256.4	7.16	0	0	0	0	[CumVol]=19.56 bbl
8:02	17.17	8.39	256.4	7.16	0	0	0	0	Reset Volume
8:02	17.17	8.39	256.4	7.16	0	0	0	0	Start Cement Slurry
8:02	0.599	9.47	270.1	7.16	0	0	0	0	

Well		Field			Service Date	Customer		Job Number
Janet Nordling #1-1432		Hugoton				HARRIS OIL & GAS COMPA		20201599
Time	CumVol	Density	Pressure UI	TotFlowrate				Message
24 hr clock	bbl	ppg	psf	bpm				
8:03	4.19	14.29	311.4	7.13	0	0	0	
8:03	7.78	12.78	320.5	7.16	0	0	0	
8:04	11.37	11.88	261.	7.16	0	0	0	
8:04	14.98	12.55	206.	7.19	0	0	0	
8:05	18.58	11.98	256.4	7.16	0	0	0	
8:05	22.18	12.53	288.5	7.16	0	0	0	
8:06	25.78	12.49	251.8	7.19	0	0	0	
8:06	29.39	12.52	256.4	7.19	0	0	0	
8:07	32.99	12.48	238.1	7.16	0	0	0	
8:07	36.61	12.42	228.9	7.21	0	0	0	
8:08	40.22	12.42	224.4	7.19	0	0	0	
8:08	43.84	12.25	210.6	7.21	0	0	0	
8:09	47.45	12.42	242.7	7.19	0	0	0	
8:09	51.07	12.48	233.5	7.21	0	0	0	
8:10	54.69	12.34	206.	7.21	0	0	0	
8:10	58.3	12.42	224.4	7.21	0	0	0	
8:11	61.93	12.36	219.8	7.21	0	0	0	
8:11	65.54	12.36	210.6	7.21	0	0	0	
8:12	69.17	13.	247.3	7.21	0	0	0	
8:12	72.78	12.13	228.9	7.21	0	0	0	
8:13	76.41	12.23	196.9	7.21	0	0	0	
8:13	80.03	12.1	201.5	7.21	0	0	0	
8:14	83.66	12.32	219.8	7.21	0	0	0	
8:14	87.27	12.95	215.2	7.21	0	0	0	
8:15	90.9	12.89	201.5	7.21	0	0	0	
8:15	94.52	11.99	183.2	7.24	0	0	0	
8:16	98.15	12.65	187.7	7.24	0	0	0	
8:16	98.15	12.65	187.7	7.24	0	0	0	Switch
8:16	101.8	11.99	169.4	7.24	0	0	0	
8:17	105.4	12.33	178.6	7.24	0	0	0	
8:17	109.1	12.48	178.6	7.27	0	0	0	
8:17	109.1	12.48	178.6	7.27	0	0	0	scales 12.4 ppg
8:18	112.7	12.31	174.	7.24	0	0	0	
8:18	116.3	12.03	178.6	7.24	0	0	0	
8:19	120.	11.94	178.6	7.27	0	0	0	
8:19	123.6	12.73	187.7	7.24	0	0	0	
8:20	127.2	12.66	192.3	7.21	0	0	0	
8:20	130.9	12.55	196.9	7.21	0	0	0	
8:21	134.5	12.09	174.	7.24	0	0	0	
8:21	138.1	12.84	178.6	7.24	0	0	0	
8:22	141.8	13.71	192.3	7.24	0	0	0	
8:22	145.4	12.79	174.	7.24	0	0	0	
8:23	149.	12.93	169.4	7.21	0	0	0	
8:23	152.7	12.67	183.2	7.24	0	0	0	
8:24	156.3	12.48	183.2	7.24	0	0	0	
8:24	159.9	12.55	183.2	7.21	0	0	0	
8:25	163.5	12.67	178.6	7.21	0	0	0	
8:25	167.2	12.64	187.7	7.21	0	0	0	
8:26	170.8	12.55	183.2	7.24	0	0	0	
8:26	174.4	12.64	178.6	7.24	0	0	0	
8:27	178.4	12.67	196.9	7.88	0	0	0	
8:27	182.4	12.24	201.5	7.91	0	0	0	
8:28	186.3	12.61	215.2	7.91	0	0	0	
8:28	190.3	12.55	210.6	7.88	0	0	0	

ORIGINAL

CONFIDENTIAL

RELEASED

APR 25 2002

KGC

MAR 19 2002

FROM CONFIDENTIAL

CONFIDENTIAL

Well			Field		Service Date		Customer	Job Number
Janet Nordling #1-1432			Hugoton				HARRIS OIL & GAS COMPA	20201589
Time	CumVol	Density	Pressure UI	TotFlowrate			Message	
24 hr clock	bbl	ppg	psi	bpm				
8:29	194.3	13.2	219.8	7.91	0	0	0	
8:29	198.2	12.48	206.	7.91	0	0	0	
8:30	202.2	12.42	210.6	7.88	0	0	0	
8:30	206.2	11.78	201.5	7.91	0	0	0	
8:30	206.2	11.78	201.5	7.91	0	0	0	switch
8:31	210.1	9.52	160.3	7.91	0	0	0	
8:31	214.1	11.4	178.6	7.91	0	0	0	
8:32	218.1	12.32	233.5	7.88	0	0	0	
8:32	222.1	13.52	219.8	7.88	0	0	0	
8:33	226.	11.57	201.5	7.88	0	0	0	
8:33	230.	12.66	206.	7.86	0	0	0	
8:34	234.	12.01	215.2	7.91	0	0	0	
8:34	237.9	11.99	201.5	7.91	0	0	0	
8:35	241.9	13.48	224.4	7.88	0	0	0	
8:35	245.9	13.21	224.4	7.91	0	0	0	
8:36	249.8	12.28	210.6	7.91	0	0	0	
8:36	253.8	12.84	210.6	7.94	0	0	0	
8:37	257.8	12.83	224.4	7.91	0	0	0	
8:37	261.7	12.31	219.8	7.88	0	0	0	
8:38	265.7	12.55	219.8	7.88	0	0	0	
8:38	269.7	12.7	219.8	7.88	0	0	0	
8:39	273.6	12.54	228.9	7.91	0	0	0	
8:39	277.6	12.34	224.4	7.91	0	0	0	
8:40	281.6	12.64	219.8	7.88	0	0	0	
8:40	285.5	12.62	224.4	7.91	0	0	0	
8:41	289.5	12.55	219.8	7.88	0	0	0	
8:41	293.5	12.62	224.4	7.91	0	0	0	
8:42	297.4	12.79	224.4	7.94	0	0	0	
8:42	301.4	12.79	228.9	7.91	0	0	0	
8:43	305.4	12.75	228.9	7.88	0	0	0	
8:43	309.3	13.24	228.9	7.91	0	0	0	
8:44	313.3	12.11	210.6	7.88	0	0	0	
8:44	313.3	12.11	210.6	7.88	0	0	0	tail
8:44	317.3	13.93	233.5	7.91	0	0	0	
8:45	321.2	15.13	265.6	7.88	0	0	0	
8:45	325.2	13.82	233.5	7.91	0	0	0	
8:46	329.2	14.96	238.1	7.91	0	0	0	
8:46	333.1	14.95	251.8	7.88	0	0	0	
8:47	337.1	14.74	247.3	7.91	0	0	0	
8:47	341.1	14.91	242.7	7.91	0	0	0	
8:48	345.	14.5	242.7	7.88	0	0	0	
8:48	349.	14.51	233.5	7.91	0	0	0	
8:49	353.	14.68	238.1	7.91	0	0	0	
8:49	356.9	14.96	238.1	7.88	0	0	0	
8:50	360.9	14.71	219.8	7.88	0	0	0	
8:50	364.7	13.71	100.7	5.34	0	0	0	
8:51	364.7	13.26	36.63	0.	0	0	0	
8:51	364.7	13.03	32.05	0.	0	0	0	
8:52	364.7	12.9	22.89	0.	0	0	0	
8:52	364.7	12.66	-18.32	0.	0	0	0	
8:53	366.8	10.64	192.3	7.05	0	0	0	
8:53	370.4	8.65	141.9	7.1	0	0	0	
8:54	374.	8.36	114.5	7.07	0	0	0	
8:54	377.5	8.33	114.5	7.1	0	0	0	

KCC

MAR 9 2002

CONFIDENTIAL

CONFIDENTIAL

ORIGINAL

RELEASED

APR 25 2002

FROM CONFIDENTIAL

Well		Field			Service Date	Customer		Job Number
Janet Nordling #1-1432		Hugoton				HARRIS OIL & GAS COMPA		20201599
Time	CumVol	Density	Pressure Uf	TotFlowrate				Message
24 hr clock	bbbl	ppg	psi	lpm				
8:55	381.1	8.36	114.5	7.1	0	0	0	
8:55	381.1	8.36	114.5	7.1	0	0	0	on disp
8:55	381.1	8.36	114.5	7.1	0	0	0	[CumVol]=383.5 bbl
8:55	381.1	8.36	114.5	7.1	0	0	0	Reset Volume
8:55	0.592	8.36	114.5	7.07	0	0	0	
8:56	4.15	8.17	119.	7.07	0	0	0	
8:56	7.72	8.1	137.4	7.07	0	0	0	
8:57	11.27	8.03	151.1	7.07	0	0	0	
8:57	14.82	8.01	146.5	7.07	0	0	0	
8:58	18.36	8.01	164.8	7.05	0	0	0	
8:58	21.92	7.97	169.4	7.05	0	0	0	
8:59	25.45	7.91	178.6	7.05	0	0	0	
8:59	25.45	7.91	178.6	7.05	0	0	0	40 bbls gone
8:59	28.99	7.85	183.2	7.02	0	0	0	
9:00	32.53	7.82	201.5	7.02	0	0	0	
9:00	36.06	7.78	201.5	7.05	0	0	0	
9:01	39.59	7.78	215.2	6.99	0	0	0	
9:01	43.12	7.76	215.2	7.05	0	0	0	
9:02	46.65	8.09	242.7	7.02	0	0	0	
9:02	50.18	8.03	251.8	7.02	0	0	0	
9:03	53.69	8.05	256.4	6.99	0	0	0	
9:03	56.8	7.94	251.8	6.01	0	0	0	KCC
9:04	59.82	8.03	265.6	6.01	0	0	0	
9:04	62.85	8.08	274.7	6.01	0	0	0	MAR 9 2002
9:05	65.88	8.04	288.5	6.04	0	0	0	
9:05	68.9	8.07	293.	6.04	0	0	0	CONFIDENTIAL
9:06	71.93	8.03	315.9	6.01	0	0	0	
9:06	74.94	8.12	325.1	5.98	0	0	0	
9:07	77.96	8.02	329.7	6.01	0	0	0	
9:07	80.98	8.08	338.8	6.04	0	0	0	
9:08	83.99	8.03	352.6	5.98	0	0	0	ORIGINAL
9:08	84.85	8.04	279.3	1.82	0	0	0	
9:09	85.78	8.07	293.	1.85	0	0	0	
9:09	86.7	8.1	293.	1.82	0	0	0	CONFIDENTIAL
9:10	87.62	7.99	288.5	1.82	0	0	0	
9:10	88.57	8.05	297.6	1.87	0	0	0	
9:11	88.57	8.05	297.6	1.87	0	0	0	bump plug
9:11	88.8	8.42	979.9	0.	0	0	0	RELEASED
9:11	88.8	8.42	773.8	0.	0	0	0	
9:12	88.8	8.42	0.	0.	0	0	0	APR 25 2002
9:12	88.8	8.42	-18.32	0.	0	0	0	
9:12	88.8	8.42	-18.32	0.	0	0	0	float holding
9:13	88.8	8.42	-18.32	0.	0	0	0	plug down 0912 am
9:13	88.8	8.42	-18.32	0.	0	0	0	circ 136 bbls cmt
9:13	88.8	8.42	-18.32	0.	0	0	0	
9:13	88.8	8.42	-18.32	0.	0	0	0	disp 105 bbls
9:13	88.8	8.42	-18.32	0.	0	0	0	end job



Well Janet Nording #1-1432		Field Hugoton			Service Date	Customer HARRIS OIL & GAS COMPA	Job Number 20201593
Time 24 hr clock	CumVol bbl	Density ppg	Pressure (W) psi	TotFlowrate bpm	Message		
<b>Post Job Summary</b>							
Average Pump Rates, bpm				Volume of Fluid Injected, bbl			
Slurry	N2	Mud	Maximum Rate	Total Slurry	Mud	Spacer	N2
3	0	0	5	220	0	10	0
Treating Pressure Summary, psi				Breakdown Fluid			
Maximum	Final	Average	Bump Plug to	Breakdown	Type	Volume	Density
400	1000	0	1000	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 136 bbl <input type="checkbox"/> Washed Thru Perfs To 0 ft			
0 %	217 bbl	105 bbl	65 °F				
Customer or Authorized Representative Harold Frauli			Dowell Supervisor Shubhanan Dakshindas			<input type="checkbox"/> CirculationLost <input checked="" type="checkbox"/> Job Completed	

ORIGINAL

CONFIDENTIAL

RELEASED

APR 25 2002

FROM CONFIDENTIAL

KCC

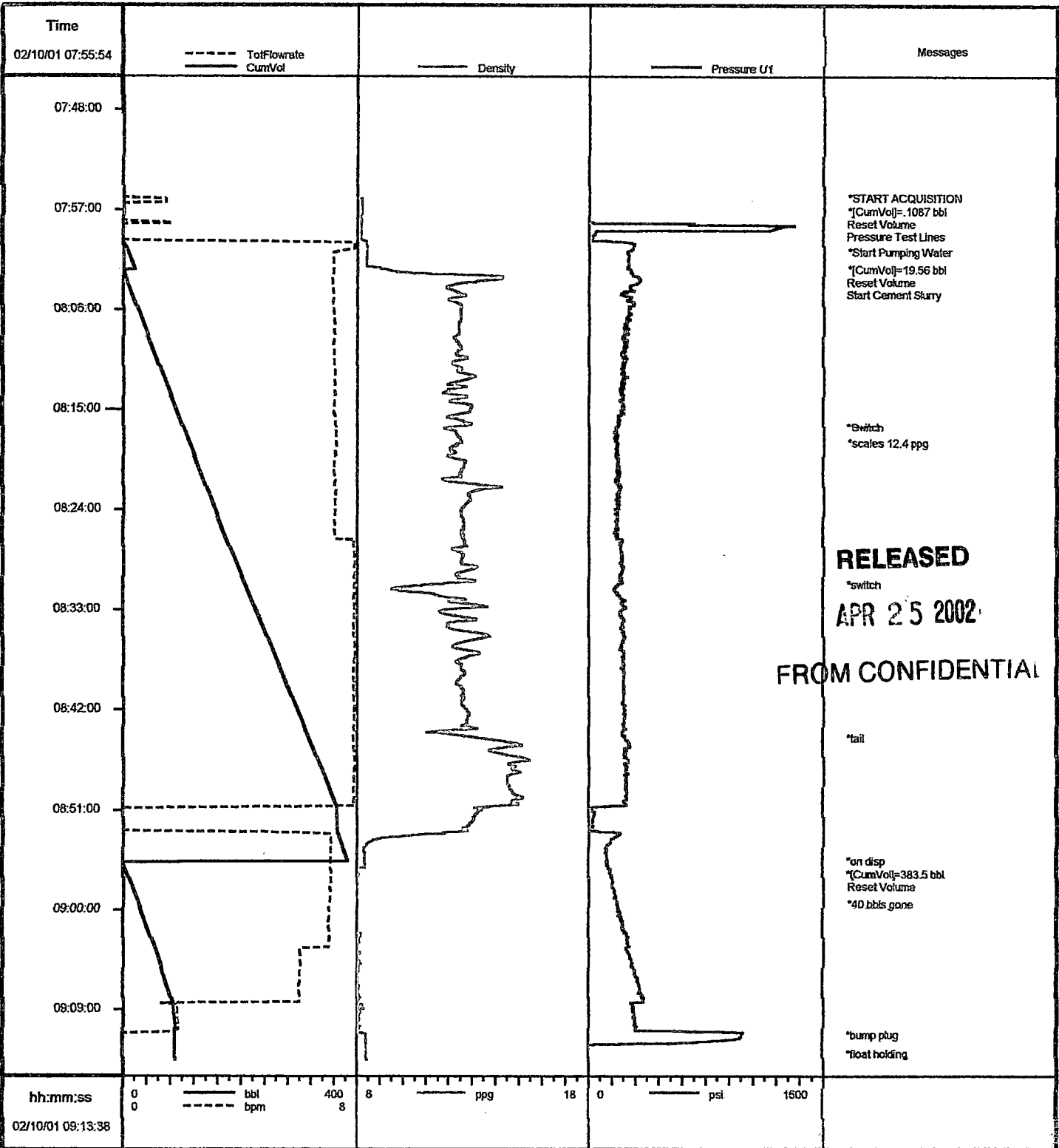
MAR 19 2002

CONFIDENTIAL

# Cementing Job Report

PRISM<sup>®</sup> V2.23

<b>Well</b> Janet Nordling 1-1432 <b>Field</b> Hugoton <b>Country</b> USA	<b>Client</b> Harris Oil and Gas <b>SIR No.</b> 20201599 <b>Job Date</b> 2/10/2001 7:55:54 AM
---	---



\* Mark of Schlumberger

KCC  
MAR 19 2002  
CONFIDENTIAL

ORIGINAL      CONFIDENTIAL



Well		Field			Service Date		Customer	Job Number
Janet Nordling #1-1432		Hugoton					IARRIS OIL & GAS COMPA	20201599
Time	CumVol	Density	Pressure U1	TotFlowrate			Message	
24 hr clock	bbl	ppg	psi	bpm				
8:03	4.19	14.29	311.4	7.13	0	0	0	
8:03	7.78	12.78	320.5	7.16	0	0	0	
8:04	11.37	11.88	261.	7.16	0	0	0	
8:04	14.98	12.55	206.	7.19	0	0	0	
8:05	18.58	11.98	256.4	7.16	0	0	0	
8:05	22.18	12.53	288.5	7.16	0	0	0	
8:06	25.78	12.49	251.8	7.19	0	0	0	
8:06	29.39	12.52	256.4	7.19	0	0	0	
8:07	32.99	12.48	238.1	7.16	0	0	0	
8:07	36.61	12.42	228.9	7.21	0	0	0	
8:08	40.22	12.42	224.4	7.19	0	0	0	
8:08	43.84	12.25	210.6	7.21	0	0	0	
8:09	47.45	12.42	242.7	7.19	0	0	0	
8:09	51.07	12.48	233.5	7.21	0	0	0	
8:10	54.69	12.34	206.	7.21	0	0	0	
8:10	58.3	12.42	224.4	7.21	0	0	0	
8:11	61.93	12.36	219.8	7.21	0	0	0	
8:11	65.54	12.36	210.6	7.21	0	0	0	
8:12	69.17	13.	247.3	7.21	0	0	0	
8:12	72.78	12.13	228.9	7.21	0	0	0	
8:13	76.41	12.23	196.9	7.21	0	0	0	
8:13	80.03	12.1	201.5	7.21	0	0	0	
8:14	83.66	12.32	219.8	7.21	0	0	0	
8:14	87.27	12.95	215.2	7.21	0	0	0	
8:15	90.9	12.89	201.5	7.21	0	0	0	
8:15	94.52	11.99	183.2	7.24	0	0	0	
8:16	98.15	12.65	187.7	7.24	0	0	0	
8:16	98.15	12.65	187.7	7.24	0	0	0	Switch
8:16	101.8	11.99	169.4	7.24	0	0	0	
8:17	105.4	12.33	178.6	7.24	0	0	0	
8:17	109.1	12.48	178.6	7.27	0	0	0	
8:17	109.1	12.48	178.6	7.27	0	0	0	scales 12.4 ppg
8:18	112.7	12.31	174.	7.24	0	0	0	CONFIDENTIAL
8:18	116.3	12.03	178.6	7.24	0	0	0	
8:19	120.	11.94	178.6	7.27	0	0	0	
8:19	123.6	12.73	187.7	7.24	0	0	0	
8:20	127.2	12.66	192.3	7.21	0	0	0	
8:20	130.9	12.55	196.9	7.21	0	0	0	ORIGINAL
8:21	134.5	12.09	174.	7.24	0	0	0	
8:21	138.1	12.84	178.6	7.24	0	0	0	
8:22	141.8	13.71	192.3	7.24	0	0	0	RELEASED
8:22	145.4	12.79	174.	7.24	0	0	0	
8:23	149.	12.93	169.4	7.21	0	0	0	APR 25 2002
8:23	152.7	12.67	183.2	7.24	0	0	0	
8:24	156.3	12.48	183.2	7.24	0	0	0	FROM CONFIDENTIAL KCC
8:24	159.9	12.55	183.2	7.21	0	0	0	
8:25	163.5	12.67	178.6	7.21	0	0	0	
8:25	167.2	12.64	187.7	7.21	0	0	0	MAR 9 2002
8:26	170.8	12.55	183.2	7.24	0	0	0	CONFIDENTIAL
8:26	174.4	12.64	178.6	7.24	0	0	0	
8:27	178.4	12.67	196.9	7.88	0	0	0	
8:27	182.4	12.24	201.5	7.91	0	0	0	
8:28	186.3	12.61	215.2	7.91	0	0	0	
8:28	190.3	12.55	210.6	7.88	0	0	0	

Well		Field			Service Date		Customer	Job Number
Janet Nordling #1-1432		Hugoton					IARRIS OIL & GAS COMPA	20201599
Time	CumVol	Density	Pressure U1	TotFlowrate			Message	
24 hr clock	bbbl	ppg	psi	bpm				
8:29	194.3	13.2	219.8	7.91	0	0	0	
8:29	198.2	12.48	206.	7.91	0	0	0	
8:30	202.2	12.42	210.6	7.88	0	0	0	
8:30	206.2	11.78	201.5	7.91	0	0	0	
8:30	206.2	11.78	201.5	7.91	0	0	0	switch
8:31	210.1	9.52	160.3	7.91	0	0	0	
8:31	214.1	11.4	178.6	7.91	0	0	0	
8:32	218.1	12.32	233.5	7.88	0	0	0	
8:32	222.1	13.52	219.8	7.88	0	0	0	
8:33	226.	11.57	201.5	7.88	0	0	0	
8:33	230.	12.66	206.	7.86	0	0	0	
8:34	234.	12.01	215.2	7.91	0	0	0	
8:34	237.9	11.99	201.5	7.91	0	0	0	
8:35	241.9	13.48	224.4	7.88	0	0	0	
8:35	245.9	13.21	224.4	7.91	0	0	0	
8:36	249.8	12.28	210.6	7.91	0	0	0	
8:36	253.8	12.84	210.6	7.94	0	0	0	
8:37	257.8	12.83	224.4	7.91	0	0	0	
8:37	261.7	12.31	219.8	7.88	0	0	0	
8:38	265.7	12.55	219.8	7.88	0	0	0	
8:38	269.7	12.7	219.8	7.88	0	0	0	
8:39	273.6	12.54	228.9	7.91	0	0	0	
8:39	277.6	12.34	224.4	7.91	0	0	0	
8:40	281.6	12.64	219.8	7.88	0	0	0	
8:40	285.5	12.62	224.4	7.91	0	0	0	
8:41	289.5	12.55	219.8	7.88	0	0	0	
8:41	293.5	12.62	224.4	7.91	0	0	0	
8:42	297.4	12.79	224.4	7.94	0	0	0	
8:42	301.4	12.79	228.9	7.91	0	0	0	
8:43	305.4	12.75	228.9	7.88	0	0	0	
8:43	309.3	13.24	228.9	7.91	0	0	0	
8:44	313.3	12.11	210.6	7.88	0	0	0	
8:44	313.3	12.11	210.6	7.88	0	0	0	tail
8:44	317.3	13.93	233.5	7.91	0	0	0	
8:45	321.2	15.13	265.6	7.88	0	0	0	
8:45	325.2	13.82	233.5	7.91	0	0	0	
8:46	329.2	14.96	238.1	7.91	0	0	0	
8:46	333.1	14.95	251.8	7.88	0	0	0	
8:47	337.1	14.74	247.3	7.91	0	0	0	
8:47	341.1	14.91	242.7	7.91	0	0	0	
8:48	345.	14.5	242.7	7.88	0	0	0	
8:48	349.	14.51	233.5	7.91	0	0	0	
8:49	353.	14.68	238.1	7.91	0	0	0	
8:49	356.9	14.96	238.1	7.88	0	0	0	
8:50	360.9	14.71	219.8	7.88	0	0	0	
8:50	364.7	13.71	100.7	5.34	0	0	0	
8:51	364.7	13.26	36.63	0.	0	0	0	
8:51	364.7	13.03	32.05	0.	0	0	0	
8:52	364.7	12.9	22.89	0.	0	0	0	
8:52	364.7	12.66	-18.32	0.	0	0	0	
8:53	366.8	10.64	192.3	7.05	0	0	0	
8:53	370.4	8.65	141.9	7.1	0	0	0	
8:54	374.	8.36	114.5	7.07	0	0	0	
8:54	377.5	8.33	114.5	7.1	0	0	0	

CONFIDENTIAL

ORIGINAL  
RELEASED

APR 25 2002

FROM CONFIDENTIAL

MAR 19 2002

CONFIDENTIAL

Well		Field			Service Date		Customer	Job Number
Janet Nordling #1-1432		Hugoton					HARRIS OIL & GAS COMPA	20201599
Time	CumVol	Density	Pressure U1	TotFlowrate				Message
24 hr clock	bbl	ppg	psi	bpm				
8:55	381.1	8.36	114.5	7.1	0	0	0	
8:55	381.1	8.36	114.5	7.1	0	0	0	on disp
8:55	381.1	8.36	114.5	7.1	0	0	0	(CumVol)=383.5 bbl
8:55	381.1	8.36	114.5	7.1	0	0	0	Reset Volume
8:55	0.592	8.36	114.5	7.07	0	0	0	
8:56	4.15	8.17	119.	7.07	0	0	0	
8:56	7.72	8.1	137.4	7.07	0	0	0	
8:57	11.27	8.03	151.1	7.07	0	0	0	
8:57	14.82	8.01	146.5	7.07	0	0	0	
8:58	18.36	8.01	164.8	7.05	0	0	0	
8:58	21.92	7.97	169.4	7.05	0	0	0	
8:59	25.45	7.91	178.6	7.05	0	0	0	
8:59	25.45	7.91	178.6	7.05	0	0	0	40 bbls gone
8:59	28.99	7.85	183.2	7.02	0	0	0	
9:00	32.53	7.82	201.5	7.02	0	0	0	
9:00	36.06	7.78	201.5	7.05	0	0	0	
9:01	39.59	7.78	215.2	6.99	0	0	0	
9:01	43.12	7.76	215.2	7.05	0	0	0	
9:02	46.65	8.09	242.7	7.02	0	0	0	
9:02	50.18	8.03	251.8	7.02	0	0	0	
9:03	53.69	8.05	256.4	6.99	0	0	0	
9:03	56.8	7.94	251.8	6.01	0	0	0	
9:04	59.82	8.03	265.6	6.01	0	0	0	
9:04	62.85	8.08	274.7	6.01	0	0	0	
9:05	65.88	8.04	288.5	6.04	0	0	0	
9:05	68.9	8.07	293.	6.04	0	0	0	
9:06	71.93	8.03	315.9	6.01	0	0	0	
9:06	74.94	8.12	325.1	5.98	0	0	0	
9:07	77.96	8.02	329.7	6.01	0	0	0	
9:07	80.98	8.08	338.8	6.04	0	0	0	
9:08	83.99	8.03	352.6	5.98	0	0	0	
9:08	84.85	8.04	279.3	1.82	0	0	0	
9:09	85.78	8.07	293.	1.85	0	0	0	
9:09	86.7	8.1	293.	1.82	0	0	0	
9:10	87.62	7.99	288.5	1.82	0	0	0	
9:10	88.57	8.05	297.6	1.87	0	0	0	
9:11	88.57	8.05	297.6	1.87	0	0	0	bump plug
9:11	88.8	8.42	979.9	0.	0	0	0	
9:11	88.8	8.42	773.8	0.	0	0	0	
9:12	88.8	8.42	0.	0.	0	0	0	
9:12	88.8	8.42	-18.32	0.	0	0	0	
9:12	88.8	8.42	-18.32	0.	0	0	0	float holding
9:13	88.8	8.42	-18.32	0.	0	0	0	plug down 0912 am
9:13	88.8	8.42	-18.32	0.	0	0	0	circ 136 bbls cmt
9:13	88.8	8.42	-18.32	0.	0	0	0	
9:13	88.8	8.42	-18.32	0.	0	0	0	disp 105 bbls
9:13	88.8	8.42	-18.32	0.	0	0	0	end job

CONFIDENTIAL

KCC  
MAR 19 2002  
CONFIDENTIAL

ORIGINAL

RELEASED

APR 25 2002

FROM CONFIDENTIAL

Well Janet Nordling #1-1432		Field Hugoton		Service Date		Customer HARRIS OIL & GAS COMPA		Job Number 20201599	
Time 24 hr clock	CumVol bbl	Density ppg	Pressure U1 psi	TotFlowrate bpm	Message				
<b>Post Job Summary</b>									
Average Pump Rates bpm				Volume of Fluid Injected, bbl					
Slurry	N2	Mud	Maximum Rate	Total Slurry	Mud	Spacer	N2		
3	0	0	5	220	0	10	0		
Treating Pressure Summary, psi				Breakdown Fluid					
Maximum	Final	Average	Pump Plug to	Breakdown	Type	Volume	Density		
400	1000	0	1000	0		0 bbl	0 lb/gal		
Avg. N2 F	Mixed Slurry		Replacement	Mix Water Temp	<input checked="" type="checkbox"/>	Cement Circulated to Surface?	Volume	136 bbl	
0	%	217 bbl	105 bbl	65 °F	<input type="checkbox"/>	Washed Thru Perfs To	0 ft		
Customer or Authorized Representative Harold F...			Dowell Supervisor Shubhanan Dakshindas			<input type="checkbox"/> Circulation Lost		<input checked="" type="checkbox"/> Job Completed	

CONFIDENTIAL

ORIGINAL

RELEASED

APR 25 2002

FROM CONFIDENTIAL

KCC

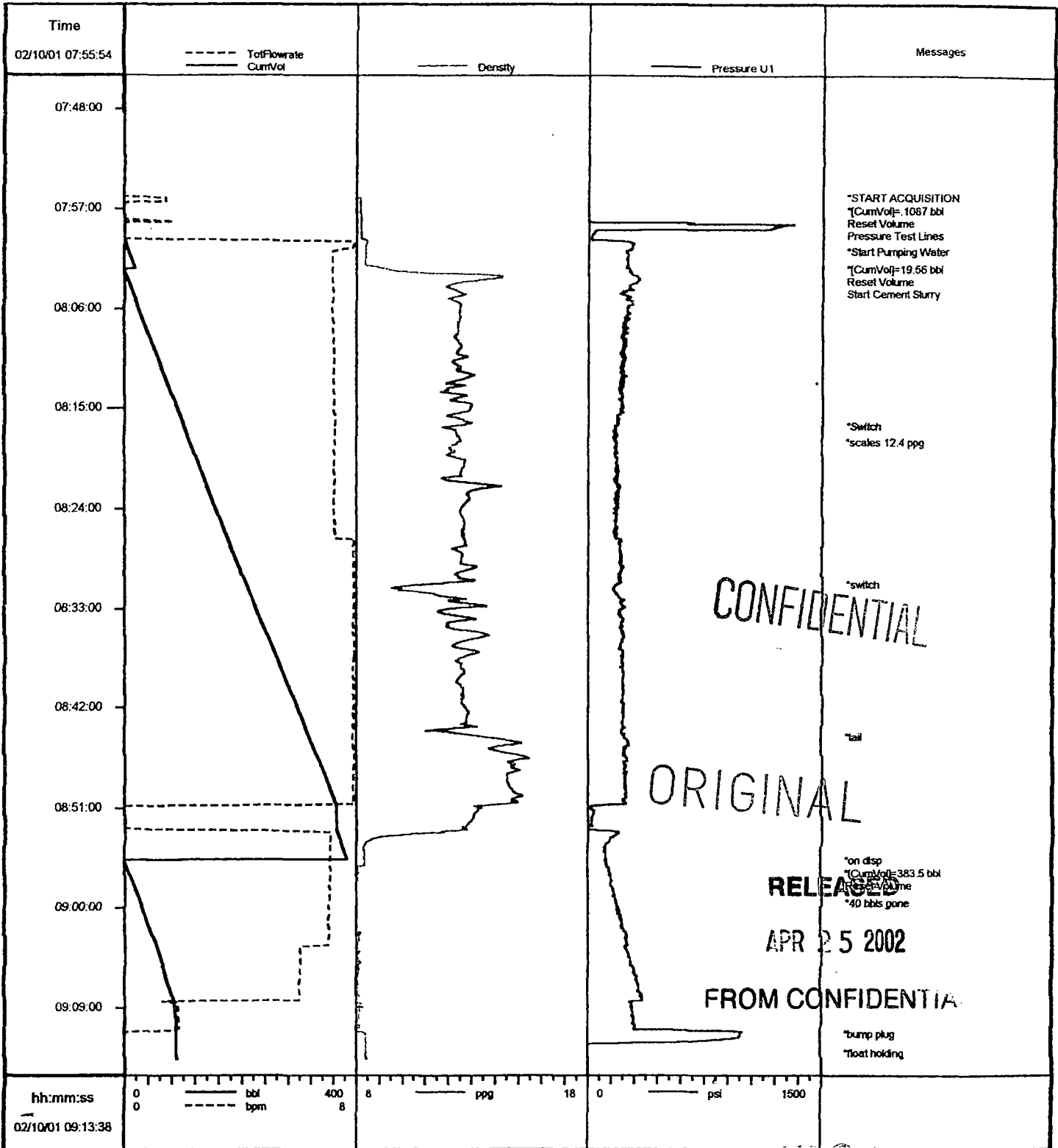
MAR 19 2002

CONFIDENTIAL

Cementing Job Report

PRISM® V2.23

<b>Well</b> Janet Nordling 1-1432	<b>Client</b> Harris Oil and Gas
<b>Field</b> Hugoton	<b>SIR No.</b> 20201599
<b>Country</b> USA	<b>Job Date</b> 2/10/2001 7:55:54 AM



\*Mark of Schlumberger

MAR 9 2002

CONFIDENTIAL