

FORM MUST BE TYPED

SIDE ONE

ORIGINAL

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

API NO. 15- 075-206580000

County Hamilton

App. C SW Sec. 15 Twp. 21S Rge. 41 E

1250 Feet from S (circle one) Line of Section

1250 Feet from E (circle one) Line of Section

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

Lease Name HCU Well # 15-11B
Bradshaw

Field Name

Producing Formation Chase Group

Elevation: Ground 3639' KB 3644'

Total Depth 2995' PBDT 2970'

Amount of Surface Pipe Set and Cemented at 231 Feet

Multiple Stage Cementing Collar Used? Yes X No

If yes, show depth set Feet

If Alternate II completion, cement circulated from 2995

feet depth to surface w/ 470 sx cmt.

Drilling Fluid Management Plan A.H. 2, 4-19-99 U.C.
(Data must be collected from the Reserve Pit)

Chloride content 21,000 ppm Fluid volume 800 bbls

Dewatering method used Evaporation

Location of fluid disposal if hauled offsite:

Operator Name

Lease Name License No.

Quarter Sec. Twp. S Rng. E/W

County Docket No.

Operator: License # 31321

Name: LOUIS DREYFUS NATURAL GAS CORP.

Address 14000 Ouail Springs Parkway
Suite 600

City/State/Zip Oklahoma City, OK 73134

KN Gas Marketing

Purchaser:

Operator Contact Person: Terrye Bryant

Phone (405) 749-5287

Contractor: Name: Cheyenne Drilling

License: 5382

Wellsite Geologist: N/A

Designate Type of Completion

X New Well Re-Entry Workover

Dil SWD SLOW Temp. Abd.

X Gas ENHR SIGW

Dry Other (Core, WSW, Expl., Cathodic, etc)

If Workover: KANSAS CORPORATION COMMISSION

Operator: 4-19-99

Well Name: APR 19 1999

Comp. Date Old Total Depth

Deepening Re-perf. SWD

Plug Back PBDT

Commingled Docket No.

Dual Completion Docket No.

Other (SWD or Inj?) Docket No.

8/28/97 8/29/97 12/12/97
Spud Date Date Reached TD Completion 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 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.

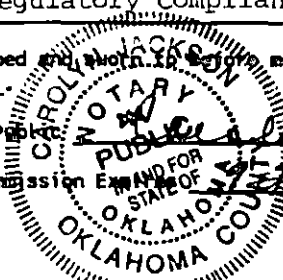
Signature Terrye Bryant

Title Regulatory Compliance Tech. Date 2/5/98

Subscribed and sworn to before me this 5th day of February, 1998.

Notary Public

Date Commission Expires



K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Geologist Report Received
Distribution
KCC SWD/Rep NGPA
KGS Plug Other (Specify)

SIDE TWO

Operator Name LOUIS DREYFUS NATURAL GAS Lease Name HCU Well # 15-11B
 Sec. 15 Twp. 21S Rge. 41 East West
 County Hamilton

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 (Attach Additional Sheets.)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	See attachments		
Electric Log Run (Submit Copy.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
List All E.Logs Run:	Array Induction Shallow Focused Electric Log			

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	# Sacks Used	Type and Percent Additives
Surface	12 1/4"	8 5/8"	24#	231'	Class C	155	2% CC, 1/4# Flake
Production	7 7/8"	4 1/2"	9.5#	2995'	Class C	320	3% D79, 2% CC, D40, 1/4# Flake
					Class C	150	2% CC, 1/4# flake

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	Depth
1	2854-2860, 2868-2880	500 gal. 7% HCL, 15,000 gal.	2854-2880'
		65Q N2, 39,000# 16/30 sand	

TUBING RECORD		Size	Set At	Packer At	Liner Run
		2 3/8"	2916'	N/A	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SMD or Inj.		Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)			
12/12/97					
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	-0-	337	25	N/A	

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

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

Production Interval: 2854-2860
2868-2880

ORIGINAL

DRILLERS LOG

AMERICAN EXPLORATION COMPANY
HCU 15-11 B
SECTION 15-T21S-R41W
HAMILTON COUNTY, KANSAS

COMMENCED: 08-23-97
COMPLETED: 08-25-97

SURFACE CASING: 231' OF 8 5/8" CMTD
W/150 SKS CLASS C + 2% CC +
1/4/# FLOCELE.

FORMATION

DEPTH

SURFACE HOLE

0 - 231

CLAY

231 - 1065

RED BED

1065 - 3000 RTD

RECEIVED
KANSAS CORPORATION COMMISSION

APR 19 1999

CONSERVATION DIVISION
WICHITA, KS

I DO HEREBY CERTIFY THAT THE FOREGOING STATEMENTS ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

CHEYENNE DRILLING, INC.

WRAY VALENTINE

STATE OF KANSAS : ss:

SUBSCRIBED AND SWORN TO BEFORE ME THIS 2ND DAY OF SEPTEMBER, 1997.

JOLENE K. RUSSELL

NOTARY PUBLIC



Schmidtsberger

Dowell

Cementing Service Report

ORIGINAL

Customer

AMERICAN EXPLORATION COMPANY

Job Number

20018947

Location (log#)

HCU 15-11B

Dowell Location

Ulysses, KS

Service Date

8/28/97

Well	HCU 15-11B		Location (log#)	Ulysses, KS		Well TD	231 ft
Field	Bradshaw	Formation Name/Type	Dirty-Sandstone		Well MD	231 ft	Well TVD
County	Hamilton	State/Province	KS		Blip	0 psi	Blip
Rig Name	CHEYENNE 8	Drilled Per	Gas		Blip	0 psi	Blip
Well Depth		Well Class	101		Blip	0 psi	Blip
Well Type		Well Type	Development		Blip	0 psi	Blip
Drilling Fluid Type		Max. Density	9.3 (lb/gal)		Blip	0 psi	Blip
Bentonite		Passive Viscosity	0 cp		Blip	0 psi	Blip
Service Line	Cementing	Job Type	Cem Surface Casing		Blip	0 psi	Blip
Max. Allowed Tubing Pressure	78 psi	Max. Allowed Ann. Pressure	0 psi		Blip	0 psi	Blip
Service Instructions	cement and equipment to safely cement 8.58 surface casing as per permission customer's request						

RECEIVED
NAMSAS WORKING PERMISSION
APR 19 1999

CONSERVATION DIVISION

Casing/Tubing Beamed	<input type="checkbox"/>	1 Hole Volume Cemented	<input type="checkbox"/>
LR Pressure:	67 psi	Weighted Connection	<input type="checkbox"/>
Pipe Rooted	<input type="checkbox"/>	Pipe Root Processed	<input type="checkbox"/>
No. Connections:	2	Top Plug:	1
Bottom Plug:	0	Bottom Plug:	0
Contract Head Type:	Single	Arrived on Location:	8/28/97
Job Scheduling Ref:	1400	Left Location:	8/28/97
Time	14:00	Pressure UI	16:00

Time	CurVol	Density	Pressure UI	Tool/Jobs	Deviation	Blip	Blip	Blip	Pore Press. Gradient
24 hr check	bbl	ppg	psi	lym					
15:03	0	0	0	0	0	0	0	0	0
15:03	0	8.306	4.561	0	0	0	0	0	0
15:04	0	0	0	0	0	0	0	0	0
15:04	0	8.329	9.207	0	0	0	0	0	0
15:04	0	8.4	-13.42	3.377	0	0	0	0	0
15:05	3.272	8.416	-28.66	4.768	0	0	0	0	0
15:05	5.647	8.407	-20.84	4.742	0	0	0	0	0
15:06	8.02	8.4	-21.33	4.742	0	0	0	0	0
15:08	10.4	8.401	-10.97	4.735	0	0	0	0	0
15:07	12.74	8.407	-4.348	4.66	0	0	0	0	0
15:07	15.07	8.404	6.113	4.662	0	0	0	0	0
15:08	17.41	8.414	9.432	4.665	0	0	0	0	0
15:08	19.75	8.278	73.28	4.666	0	0	0	0	0
15:08	0	0	0	0	0	0	0	0	0
15:09	0	0	0	0	0	0	0	0	0
15:09	1.711	11.34	98.65	4.662	0	0	0	0	0
15:09	4.045	14.23	116	4.66	0	0	0	0	0
15:10	6.374	14.89	156.4	4.646	0	0	0	0	0
15:10	8.788	14.87	148.8	4.65	0	0	0	0	0
15:11	11.12	14.74	144.4	4.65	0	0	0	0	0

START ACQUISITION

Start Pumping Water

CumVol=20.21 bbl
Remd Volume
Start Cement Slurry

Well	HCU #15-11B			Field		Bradshaw	Service Date	Customer	Job Number
	Cumtotal	Density	Pressure UI	Yield/Flows/hrs	Message				
Time	bbbl	ppg	psi	gpm					
24 hr clock									
15:11	13.45	14.74	141.5	4.647	0	0	0	0	
15:12	15.78	14.83	134.6	4.651	0	0	0	0	
15:12	18.11	15.13	145.9	4.647	0	0	0	0	
15:13	20.44	14.88	139.2	4.65	0	0	0	0	
15:13	22.77	14.74	124.3	4.646	0	0	0	0	
15:14	25.1	14.74	130.3	4.65	0	0	0	0	
15:14	27.43	14.74	120.8	4.654	0	0	0	0	
15:15	29.76	14.68	119.2	4.654	0	0	0	0	
15:15	32.18	14.74	121.4	4.658	0	0	0	0	
15:16	34.5	15.05	134.6	4.643	0	0	0	0	
15:16	36.83	15.19	148.3	4.646	0	0	0	0	
15:16	0	0	0	0	0	0	0	0	Shutdown
15:17	0	0	0	0	0	0	0	0	Cum Vol-37.99 bbl
15:17	0	0	0	0	0	0	0	0	Reset Volume
15:17	1603E-8	13.87	3	4801E-5	0	0	0	0	Drop Top Plug
15:17	0	0	0	0	0	0	0	0	Start Displacement
15:17	3604E-6	13.99	6.172	1719E-8	0	0	0	0	
15:18	3605E-6	14.05	10.87	6154E-12	0	0	0	0	RECEIVED
15:18	3605E-6	14.07	11.59	2203E-15	0	0	0	0	KANSAS CORPORATION COMMISSION
15:19	.4477	14.09	-15.47	2.122	0	0	0	0	
15:19	1.69	14.09	-44.15	3.015	0	0	0	0	APR 19 1999
15:20	3.212	14.1	-36.82	3.034	0	0	0	0	
15:20	4.729	14.1	-23.99	3.02	0	0	0	0	
15:21	6.291	14.11	-7.073	2.988	0	0	0	0	CONSERVATION DIVISION
15:21	7.461	14.1	-8.567	2.063	0	0	0	0	WICHITA, KS
15:22	8.487	14.13	.8527	2.036	0	0	0	0	
15:22	0	0	0	0	0	0	0	0	Returns at Surface
15:22	0	0	0	0	0	0	0	0	3bbbls/3ske to surface
15:22	9.469	14.11	10.51	2.009	0	0	0	0	
15:23	10.5	14.12	18.25	1.979	0	0	0	0	
15:23	11.48	14.12	30.67	1.955	0	0	0	0	
15:24	12.25	14.13	685.6	2.005	0	0	0	0	
15:24	0	0	0	0	0	0	0	0	Jump Top Plug
15:24	0	0	0	0	0	0	0	0	Bleed Off Pressure
15:24	12.26	14.13	786.8	7176E-8	0	0	0	0	
15:25	12.26	14.13	804.3	2569E-11	0	0	0	0	
15:25	12.26	14.13	263.2	7061E-15	0	0	0	0	
15:26	12.26	14.13	4.463	2528E-18	0	0	0	0	
15:26	12.26	14.13	4.558	905E-21	0	0	0	0	
15:27	12.26	14.13	4.471	324E-24	0	0	0	0	
15:27	12.26	14.13	4.594	116E-27	0	0	0	0	End Job
15:27	0	0	0	0	0	0	0	0	
15:28	12.26	14.13	5.905	4153E-32	0	0	0	0	

ORIGINAL

Well HCU #15-11B			Field Bradshaw			Service Date 8/28/97		Customer RICAN EXPLORATION CON		Job Number 20016947	
Time 24 hr clock	Conc/col bbl	Density ppg	Pressure U1 psi	Vol/Flowrate bpm				Message			
Post Job Summary											
Average Pump Rates, bpm				Volume of Fluid Injected, bbl							
Slurry	N2	Med	Maximum Rate	Total Slurry	Med	Spacer	N2				
2	0	0	3.7	38	0	20	0				
Treating Pressure Summary, psi					Breakdown Fluid						
Maximum	Final	Average	Surf Plug to	Breakdown	Type	Volume	Density				
87	804	50	0	0		0 bbl	0 lb/gal				
Avg. N2 Percent	Designed Slurry Volume		Displacement		<input checked="" type="checkbox"/> Cement Circulated to Surface? Volume		<input type="checkbox"/> Washed Thru Perfs To 0 ft				
0 %	0 bbl		12.2 bbl								
Customer or Authorized Representative Hawk Demoss				Dewell Supervisor Charley King				<input type="checkbox"/> Circulation Lost <input checked="" type="checkbox"/> Job Completed			

RECEIVED
KANSAS CORPORATION COMMISSION

APR 19 1999

CONSERVATION DIVISION
WICHITA, KS



Cementing Service Report

Schlumberger Dowell				Customer AMERICAN EXPLORATION COMPANY				Job Number 20017215							
Well HCU 15-11B				Location (legal) 15, 21S, 41W				Dowell Location Ulysses, KS				Service Date 8/29/97			
Field BRADSHAW				Formation Name/Type Dolomite				Deviation 0		BK Size 7.88 in		Well MD 3,001 ft		Well TVD 3,001 ft	
County Hamilton				State/Province KS				BHP 0 psi		BHST 0°F		BHCT 0°F		Pore Press. Gradient 0 psi/ft	
Rig Name 'ENNE WELL SERV		Drilled For Gas		Service Via Land		Casing/Liner									
Water Depth		Well Class 101		Well Type Development		Depth, ft 2995		Size, in 4.5		Weight, lb/ft 9.5		Grade K55		Thread 8RD	
Drilling Fluid Type Bentonite		Max. Density 9.2 lb/gal		Plastic Viscosity 0 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 2500 psi		Wellhead Connection Single cement head		Perforations/Open Hole									
Service Instructions SAFELY CEMENT 5 1/2 PRODUCTION CASING AS PER CUSTMER ORDERS						Top, ft 0		Bottom, ft 0		spf 0		Ho. of Shots 0		Total Interval 0 ft	
						Diameter 0		in 0							
						Treat Down Casing		Displacement 49.7 bbl		Packer Type		Packer Depth 0 ft			
						Tubing Vol. 0 bbl		Casing Vol. 50 bbl		Annular Vol. 92.7 bbl		Open Hole Vol. 92.7 bbl			
Casing/Tubing Secured <input type="checkbox"/>				1 Hole Volume Circulated prior to Cementing <input type="checkbox"/>				Casing Tools				Squeeze Job			
Lift Pressure: 558 psi				Pipe Rotated <input type="checkbox"/>				Pipe Reciprocated <input type="checkbox"/>				Shoe Type: Guide			
No. Centralizers: 6				Top Plugs: 1				Bottom Plugs: 0				Shoe Depth: 2995 ft			
Cement Head Type: Single				Job Scheduled For: 8/30/97 5:00				Arrived on Location: 8/30/97 5:00				Leave Location: 8/30/97 12:30			
								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: 2970 ft				Sqz Total Vol: 0 bbl			
Time		Cum/Vol		Density		Pressure U1		Pump		Message					
24 hr clock		bbl		ppg		psi		bpm							
										RECEIVED KANSAS CORPORATION COMMISSION					
										APR 19 1999					
										CONSERVATION DIVISION WICHITA, KS					
										RESTART AFTER PAUSE					
10:35		0		0		0		0		START ACQUISITION					
10:35		0		0		0		0		Pressure Test Lines					
10:37		0		0		0		0		Start Job					
10:38		3.039		8.498		204		5.572							
10:39		7.267		8.434		221.1		5.593							
10:40		11.48		8.557		228.5		5.592							
10:41		15.71		8.566		223.3		5.616							
10:41		19.93		8.467		254.8		5.593							

ORIGINAL

Well HCU #15-118 Field BRADSHAW Service Date 8/29/97 Customer RIGAN EXPLORATION CO. Job Number 20017215

Time	24 hr clock	Time	Control	Density	Pressure U1	Pump	Message
10:42	bbl	0	0	0	0	0	Reset Volume
10:42	bbl	3751	9.89	252.8	5.594	0	[CumVol]=23.67 bbl
10:42	bbl	0	0	0	0	0	Start Mixing Lead Slurry
10:43	bbl	4611	9.083	213.3	5.714	0	
10:44	bbl	8.658	12	268.5	5.597	0	
10:44	bbl	13.09	10.78	200.2	5.593	0	
10:45	bbl	17.31	11.49	190.5	5.592	0	
10:46	bbl	21.52	11.41	152.7	5.592	0	
10:47	bbl	25.76	11.27	117.2	5.583	0	
10:47	bbl	29.97	11.19	101.2	5.586	0	
10:48	bbl	34.19	11.36	104.2	5.592	0	
10:49	bbl	38.41	11.27	100.6	5.589	0	
10:50	bbl	42.64	11.37	102.8	5.592	0	
10:50	bbl	46.86	11.08	100.8	5.601	0	
10:51	bbl	51.07	11.22	102.3	5.593	0	
10:52	bbl	55.3	11.44	101	5.587	0	
10:53	bbl	59.52	11.2	101.3	5.592	0	
10:53	bbl	63.74	11.55	104.4	5.592	0	
10:54	bbl	67.97	11.23	101.2	5.592	0	
10:55	bbl	72.18	11.37	105	5.592	0	
10:56	bbl	76.4	10.75	96.12	5.592	0	
10:56	bbl	80.63	11.25	103.8	5.583	0	
10:57	bbl	84.85	11.13	102	5.592	0	
10:58	bbl	89.07	10.95	97.44	5.592	0	
10:59	bbl	93.28	11.51	108.3	5.592	0	
10:59	bbl	97.51	11.35	103.4	5.592	0	
11:00	bbl	101.7	11.34	104.1	5.589	0	
11:01	bbl	105.9	11.26	99.26	5.592	0	
11:02	bbl	110.2	11.27	105	5.598	0	
11:02	bbl	114.4	11.37	101	5.585	0	
11:03	bbl	118.6	11.09	100.5	5.591	0	
11:04	bbl	122.8	11.35	103.9	5.592	0	
11:05	bbl	127.1	11.38	102.3	5.592	0	
11:05	bbl	131.3	11.34	100.4	5.589	0	
11:06	bbl	135.5	11.33	100.4	5.596	0	
11:07	bbl	139.7	11.29	100.3	5.592	0	
11:08	bbl	143.9	11.34	100.1	5.593	0	
11:09	bbl	148.2	11.33	100.4	5.593	0	
11:09	bbl	152.4	11.03	98.52	5.593	0	
11:10	bbl	156.6	11.14	94.31	5.592	0	
11:11	bbl	160.8	11.29	99.82	5.592	0	
11:12	bbl	165	11.33	99.87	5.591	0	
11:12	bbl	169.3	11.16	95.35	5.594	0	
11:13	bbl	173.5	11.32	94.7	5.592	0	
11:14	bbl	177.7	11.28	94.86	5.592	0	
11:15	bbl	181.9	11.21	84.78	5.587	0	
11:15	bbl	0	0	0	0	0	End Lead Slurry
11:15	bbl	0	0	0	0	0	Reset Volume
11:15	bbl	0	0	0	0	0	[CumVol]=185.1 bbl
11:15	bbl	0	0	0	0	0	Start Mixing Tail Slurry
11:15	bbl	9364	14.35	141.4	5.59	0	
11:16	bbl	5.154	14.96	192.1	5.583	0	

Well		Field				Service Date	Customer	Job Number
HCU #15-118		BRADSHAW				8/29/97	RICAN EXPLORATION CON	20017215
Time	CumVol	Density	Pressure UI	Pump				Message
24 hr clock	bbbl	ppg	psi	bpm				
11:17	9.384	14.91	185.8	5.592	0	0	0	
11:18	13.6	14.95	190.4	5.589	0	0	0	
11:18	17.82	14.95	184	5.592	0	0	0	
11:19	22.05	14.86	178.5	5.591	0	0	0	
11:20	26.27	14.93	176.5	5.592	0	0	0	
11:21	30.48	15.08	171.1	5.595	0	0	0	
11:21	34.7	15.01	162.8	5.591	0	0	0	
11:22	0	0	0	0	0	0	0	End Tail Slurry
11:22	0	0	0	0	0	0	0	PAUSE ACQUISITION
11:27	0	0	0	0	0	0	0	Drop Top Plug
11:27	0	0	0	0	0	0	0	Start Displacement
11:27	0	0	0	0	0	0	0	[CumVol]=35.82 bbl
11:27	0	0	0	0	0	0	0	Reset Volume
11:28	.1737	9.15	12.23	2.321	0	0	0	
11:28	3.918	9.02	22.8	5.705	0	0	0	
11:29	8.227	9.097	32.43	5.705	0	0	0	
11:30	12.55	9.066	26.81	5.711	0	0	0	
11:31	16.86	9.052	29.41	5.707	0	0	0	
11:31	21.17	9.059	50.19	5.698	0	0	0	
11:32	25.4	9.009	169	5.589	0	0	0	
11:33	29.62	9.005	279.6	5.586	0	0	0	
11:33	0	0	0	0	0	0	0	RETURNS AT SURFACE
11:34	33.83	9.008	377.8	5.593	0	0	0	
11:34	38.06	9.039	482.1	5.589	0	0	0	
11:35	0	0	0	0	0	0	0	Lower Pump Rate
11:35	41.96	9.037	439.6	3.324	0	0	0	
11:36	43.53	9.033	487.7	1.998	0	0	0	
11:37	45.03	9.01	519.7	1.976	0	0	0	
11:37	46.53	9.018	547.2	1.998	0	0	0	
11:38	48.03	9.036	581.8	1.966	0	0	0	

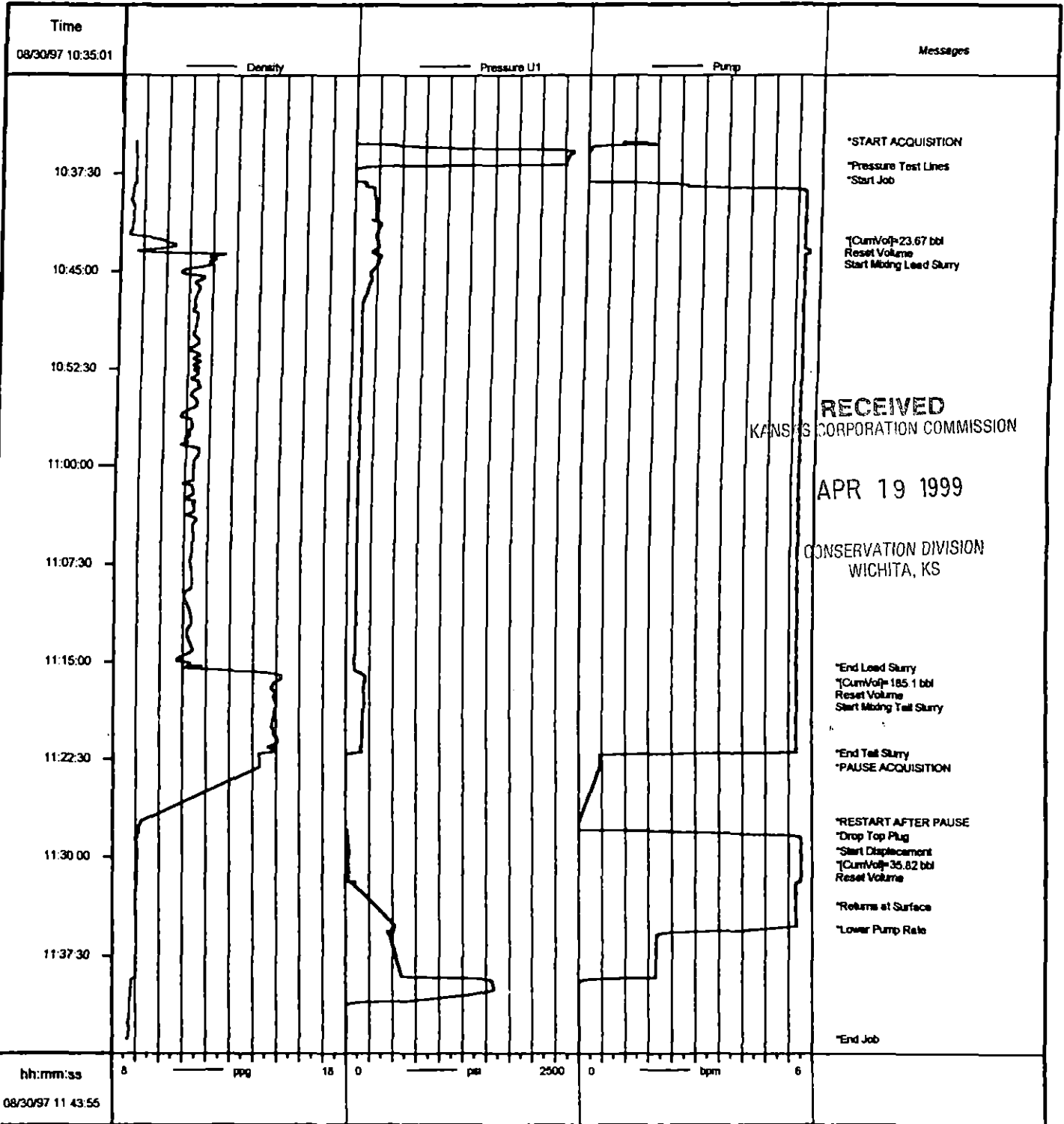
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KANSAS CORPORATION COMMISSION
APR 19 1999
CONSERVATION DIVISION
WICHITA, KS

Post Job Summary									
Average Pump Rates, bpm					Volume of Fluid Injected, bbl				
Slurry	N2	Med	Maximum Rate		Total Slurry	Mud	Spacer	N2	
5.5			5.5		219		0	0	
Treating Pressure Summary, psi					Breakdown Fluid				
Maximum	Final	Average	Bump Plug to	Breakdowns	Type	Volume	Density		
1573	1573	400	1573	0		17.5	0 lb/gal		
Avg. N2 Percent		Designed Slurry Volume		Displacement	<input checked="" type="checkbox"/> Cement Circulated to Surface? Volume <input type="checkbox"/> Washed Thru Perfs To 0 ft				
0 %		0 bbl		49.7 bbl					
Customer or Authorized Representative					Dowell Supervisor				
HAWK DEMOSS					Jeffrey Dutton				
					<input type="checkbox"/> Circulation Lost <input checked="" type="checkbox"/> Job Completed				

Schlumberger
Dowell

Cementing Job Report

Well HCU 15-11-B	Client AMEX
Field BRADSHAW	SIR No. 200117515
Country USA	Job Date 8/30/97 10:35:01 AM



Job: amex215
10/1997 15:15