

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

Operator: License # 31321

Name: LOUIS DREYFUS NATURAL GAS CORP.

Address 14000 Quail 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

New Well Re-Entry Workover

Oil SWD SLOW Temp. Abd.

Gas ENHR SIGW

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

If Workover:

Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

Deepening Re-perf. Conv. to Inj/SWD

Plug Back PBD

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

API NO. 15- 075-206580000

County Hamilton

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

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 SW (circle one)

Lease Name HCU Well # 15-11B

Field Name Bradshaw

Producing Formation Chase Group

Elevation: Ground 3639' KB 3644'

2995' PBD 2970'

Total Depth _____ PBD _____

Amount of Surface Pipe Set and Cemented at 231 Feet

Multiple Stage Cementing Collar Used? Yes 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
 (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:

RECEIVED
 KANSAS CORPORATION COMMISSION

Operator Name _____

Lease Name FEB 09 1998 License No. _____

Quarter Sec. Twp. S Rng. E/W

County CONSERVATION DIVISION WICHITA, KS Docket No. _____

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.

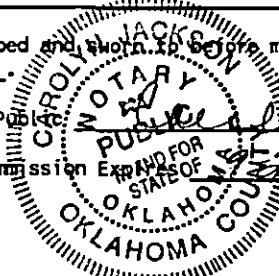
Signature Terrye Bryant

Title Regulatory Compliance Tech. Date 2/5/98

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

Notary Public [Signature]

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 Yes No
 (Attach Additional Sheets.)
 Samples Sent to Geological Survey Yes No
 Cores Taken Yes No
 Electric Log Run Yes No
 (Submit Copy.)

Log Formation (Top), Depth and Datum Sample
 Name Top Datum
 See attachments

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, D46 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	
		1	2854-2860, 2868-2880
		65Q N2, 39,000# 16/30 sand	

TUBING RECORD	Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
	2 3/8"	2916'	N/A	
Date of First, Resumed Production, SWD 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. -0-	Gas Mcf 337	Water Bbls. 25	Gas-Oil Ratio N/A 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)

Production Interval: 2854-2860
2868-2880

DRILLERS LOG

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

ORIGINAL

15-075-20658

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

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KANSAS CORPORATION COMMISSION

0 - 231

CLAY

FEB 09 1998

231 - 1065

RED BED

1065 - 3000 RTD

CONSERVATION DIVISION
WICHITA, KS

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

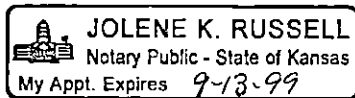
CHEYENNE DRILLING, INC.

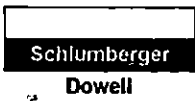
WRAY VALENTINE

STATE OF KANSAS : ss:

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

JOLENE K. RUSSELL

NOTARY PUBLIC



Cementing Service Report

ORIGINAL

Customer	Job Number
AMERICAN EXPLORATION COMPANY	20016947

Well		Location (legal)		Dowell Location		Service Date	
HCU 15-11B				Ulysses, KS		8/28/97	
Field		Formation Name/Type		Deviation		Well MD	
Bradshaw		Dirty-Sandstone		0		231 ft	
County		State/Province		BHP		BHST	
Hamilton		KS		0 psi		0°F	
Rig Name		Drilled For		Service Via		BHCT	
CHEYENNE 8		Gas		Land		0°F	
Water Depth		Well Class		Well Type		Casing/Liner	
		101		Development		Depth, ft	
						Size, in	
						Weight, lb/ft	
						Grade	
						Thread	
Drilling Fluid Type		Max. Density		Plastic Viscosity		Tubing/Drill Pipe	
Bentonite		9.3 lb/gal		0 cp		Depth, ft	
Service Line		Job Type				Size, in	
Cementing		Cem Surface Casing				Weight, lb/ft	
Max. Allowed Tubing Pressure		Max. Allowed Ann. Pressure		Wellhead Connection		Grade	
78 psi		0 psi		Single cement head		Thread	
Service Instructions						Perforations/Open Hole	
cement and equipment to safely cement 8 5/8 surface casing as per customer's request						Top, ft	
						Bottom, ft	
						spf	
						No. of Shots	
						Total Interval	
						0 ft	
						Diameter	
						0 in	
						Treat Down	
						Casing	
						Displacement	
						12.2 bbl	
						Packer Type	
						Packer Depth	
						0 ft	
						Tubing Vol.	
						Casing Vol.	
						Annular Vol.	
						Open Hole Vol	
						0 bbl	
						14.7 bbl	
						0 bbl	
						0 bbl	
Casing/Tubing Secured <input type="checkbox"/>		1 Hole Volume Circulated prior to Cementing <input type="checkbox"/>		Casing Tools		Squeeze Job	
Lift Pressure: 87 psi				Shoe Type: Guide		Squeeze Type	
Pipe Rotated <input type="checkbox"/>		Pipe Reciprocated <input type="checkbox"/>		Shoe Depth: 231 ft		Tool Type:	
No. Centralizers: 2		Top Plugs: 1		Bottom Plugs: 0		Stage Tool Type	
Cement Head Type: Single						Tool Depth: 0 ft	
Job Scheduled For: 8/28/97 14:00		Arrived on Location: 8/28/97 14:00		Leave Location: 8/28/97 16:00		Stage Tool Depth: 0 ft	
						Tail Pipe Size: 0 in	
						Collar Type: Auto-Fill	
						Tail Pipe Depth: 0 ft	
						Collar Depth: 187 ft	
						Sqz Total Vol: 0 bbl	
Time	CumVol	Density	Pressure U1	TotFlowrate			Message
24 hr clock	bbl	PPG	psi	bpm			
15:03	0	0	0	0	0	0	START ACQUISITION
15:03	0	8.326	4.561	0	0	0	
15:04	0	0	0	0	0	0	Start Pumping Water
15:04	0	8.329	9.207	0	0	0	
15:04	.723	8.4	-13.42	3.377	0	0	
15:05	3.272	8.416	-28.66	4.768	0	0	
15:05	5.647	8.407	-20.64	4.742	0	0	
15:06	8.02	8.4	-21.33	4.742	0	0	
15:06	10.4	8.401	-10.97	4.735	0	0	
15:07	12.74	8.407	-4.348	4.66	0	0	
15:07	15.07	8.404	6.113	4.662	0	0	
15:08	17.41	8.414	9.432	4.655	0	0	
15:08	19.75	8.278	73.26	4.656	0	0	
15:08	0	0	0	0	0	0	[CumVol]=20.21 bbl
15:08	0	0	0	0	0	0	Reset Volume
15:09	0	0	0	0	0	0	Start Cement Slurry
15:09	1.711	11.34	96.65	4.652	0	0	
15:09	4.045	14.23	116	4.66	0	0	
15:10	6.374	14.89	156.4	4.646	0	0	
15:10	8.788	14.87	148.8	4.65	0	0	
15:11	11.12	14.74	144.4	4.65	0	0	

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FEB 09 1998
CONSERVATION DIVISION
WICHITA KS

Well		Field			Service Date		Customer	Job Number
HCU #15-11B		Bradshaw			8/28/97		RICAN EXPLORATION CON	20016947
Time	CumVol	Density	Pressure U1	Yoff/lowrate			Message	
24 hr clock	bbl	ppg	psi	bpm				
15:11	13.45	14.74	141.5	4.647	0	0	0	
15:12	15.78	14.83	134.6	4.651	0	0	0	
15:12	18.11	15.13	145.9	4.647	0	0	0	REC SAS CORP
15:13	20.44	14.88	139.2	4.65	0	0	0	
15:13	22.77	14.74	124.3	4.645	0	0	0	
15:14	25.1	14.74	130.3	4.65	0	0	0	FEB
15:14	27.43	14.74	120.8	4.654	0	0	0	
15:15	29.76	14.68	119.2	4.654	0	0	0	
15:15	32.18	14.74	121.4	4.658	0	0	0	CONSER WILLIAMS CO
15:16	34.5	15.05	134.6	4.643	0	0	0	
15:16	36.83	15.19	148.3	4.645	0	0	0	
15:16	0	0	0	0	0	0	0	Shutdown
15:17	0	0	0	0	0	0	0	[CumVol]=37.99 bbl
15:17	0	0	0	0	0	0	0	Reset Volume
15:17	1603E-6	13.87	3	4801E-5	0	0	0	
15:17	0	0	0	0	0	0	0	Drop Top Plug
15:17	0	0	0	0	0	0	0	Start Displacement
15:17	3904E-6	13.99	6.172	1719E-8	0	0	0	
15:18	3905E-6	14.05	10.87	6154E-12	0	0	0	
15:18	3905E-6	14.07	11.59	2203E-15	0	0	0	
15:19	.4477	14.09	-15.47	2.122	0	0	0	
15:19	1.69	14.09	-44.15	3.015	0	0	0	
15:20	3.212	14.1	-35.82	3.034	0	0	0	ORIGINAL
15:20	4.729	14.1	-23.59	3.02	0	0	0	
15:21	6.291	14.11	-7.073	2.988	0	0	0	
15:21	7.461	14.1	-8.567	2.063	0	0	0	
15:22	8.487	14.13	.8527	2.036	0	0	0	
15:22	0	0	0	0	0	0	0	Returns at Surface
15:22	0	0	0	0	0	0	0	3bbis/13sks to surface
15:22	9.499	14.11	10.51	2.009	0	0	0	
15:23	10.5	14.12	18.25	1.979	0	0	0	
15:23	11.48	14.12	30.67	1.955	0	0	0	
15:24	12.25	14.13	685.6	.2005	0	0	0	
15:24	0	0	0	0	0	0	0	Bump Top Plug
15:24	0	0	0	0	0	0	0	Bleed Off Pressure
15:24	12.26	14.13	786.8	7176E-8	0	0	0	
15:25	12.26	14.13	804.3	2569E-11	0	0	0	
15:25	12.26	14.13	263.2	7061E-15	0	0	0	
15:26	12.26	14.13	4.483	2528E-18	0	0	0	
15:26	12.26	14.13	4.558	905E-21	0	0	0	
15:27	12.26	14.13	4.471	324E-24	0	0	0	
15:27	12.26	14.13	4.594	116E-27	0	0	0	
15:27	0	0	0	0	0	0	0	End Job
15:28	12.26	14.13	5.905	4153E-32	0	0	0	

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FEB 04 1998

OFFICE OF THE SECRETARY OF REVENUE
STATE OF KANSAS

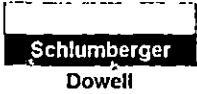
Well HCU #15-11B		Field Bradshaw		Service Date 8/28/97		Customer RICAN EXPLORATION CON		Job Number 20016947	
Time 24 hr clock	Cum Vol bbl	Density ppg	Pressure U/I gal	Tot Flow rate bpm			Message		
Post Job Summary									
Average Pump Rates, bpm				Volume of Fluid Injected, bbl					
Slurry	N2	Mud	Maximum Rate	Total Slurry	Mud	Spacer	N2		
2	0	0	3.7	38	0	20	0		
Treating Pressure Summary, psi					Breakdown Fluid				
Maximum	Final	Average	Bump 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			Dowell Supervisor Charley King			<input type="checkbox"/> Circulation Lost		<input checked="" type="checkbox"/> Job Completed	

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FEB 09 1998

CONSERVATION DIVISION
WICHITA, KS



Cementing Service Report

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		Bit Size 7.88 in	Well MD 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			
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 0	Size, in 0	Weight, lb/ft 0	Grade	Thread			
Max. Allowed Tubing Pressure 2500 psi	Max. Allowed Ann. Pressure 2500 psi	Wellhead Connection Single cement head		Perforations/Open Hole						
<p>Service Instructions</p> <p>SAFELY CEMENT 5 1/2 PRODUCTION CASING AS PER CUSTMER ORDERS</p> <h1 style="font-size: 2em; margin: 0;">ORIGINAL</h1>				Top, ft 0	Bottom, ft 0	spf 0	No. of Shots 0			
				Total Interval 0 ft	Diameter	0 in	Treat Down	Displacement	Packer Type	Packer Depth
				0 ft	0 ft	0 ft	Casing	49.7 bbl		0 ft
				0 ft	0 ft	0 ft	Tubing Vol.	Casing Vol.	Annular Vol.	OpenHole Vol
				0 bbl	50 bbl	92.7 bbl	0 bbl	50 bbl	92.7 bbl	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	Shoe Type: Guide	Squeeze Type		Shoe Depth: 2995 ft	Tool Type:					
Pipe Rotated <input type="checkbox"/>	Pipe Reciprocated <input type="checkbox"/>	Stage Tool Type	Tool Depth: 0 ft	Stage Tool Depth: 0 R	Tail Pipe Size: 0 in					
No. Centralizers: 6	Top Plugs: 1	Bottom Plugs: 0	Collar Type: Auto-Fill	Tail Pipe Depth: 0 ft	Sqz Total Vol: 0 bbl					
Cement Head Type: Single	Collar Depth: 2970 ft	Job Scheduled For: 8/30/97 5:00	Arrived on Location: 8/30/97 5:00	Leave Location: 8/30/97 12:30						
Time	Cum/Vol	Density	Pressure U1	Pump	<p>RECEIVED</p> <p>KANSAS CORPORATION COMMISSION</p> <p>FEB 09 1998</p> <p>CONSERVATION DIVISION</p> <p>WICHITA, KS</p> <p>RESTART AFTER PAUSE</p> <p>START ACQUISITION</p> <p>Pressure Test Lines</p> <p>Start Job</p>					
24 hr clock	bbl	pps	psi	bpm						
10:35	0	0	0	0						
10:35	0	0	0	0						
10:37	0	0	0	0						
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						

Well		Field			Service Date	Customer	Job Number
HCU #15-11B		BRADSHAW			8/29/97	RICAN EXPLORATION COM	20017215
Time	CumVol	Density	Pressure Uf	Pump	Message		
24 hr clock	bbl	ppg	psl	bpm			
10:42	0	0	0	0	0	0	Reset Volume
10:42	0	0	0	0	0	0	[CumVol]=23.67 bbl
10:42	.3751	9.89	252.8	5.594	0	0	
10:42	0	0	0	0	0	0	Start Mixing Lead Slurry
10:43	4.611	9.083	213.3	5.714	0	0	
10:44	8.858	12	268.5	5.597	0	0	
10:44	13.09	10.78	200.2	5.593	0	0	
10:45	17.31	11.49	190.5	5.592	0	0	
10:46	21.52	11.41	152.7	5.592	0	0	
10:47	25.76	11.27	117.2	5.583	0	0	
10:47	29.97	11.19	101.2	5.586	0	0	
10:48	34.19	11.36	104.2	5.592	0	0	
10:49	38.41	11.27	100.6	5.589	0	0	
10:50	42.64	11.37	102.8	5.592	0	0	
10:50	46.86	11.08	100.8	5.601	0	0	
10:51	51.07	11.22	102.3	5.593	0	0	
10:52	55.3	11.44	101	5.587	0	0	
10:53	59.52	11.2	101.3	5.592	0	0	
10:53	63.74	11.55	104.4	5.592	0	0	
10:54	67.97	11.23	101.2	5.592	0	0	
10:55	72.18	11.37	105	5.592	0	0	
10:56	76.4	10.75	96.12	5.592	0	0	
10:56	80.63	11.25	103.8	5.583	0	0	
10:57	84.85	11.13	102	5.592	0	0	
10:58	89.07	10.95	97.44	5.592	0	0	
10:59	93.28	11.51	108.3	5.592	0	0	
10:59	97.51	11.35	103.4	5.592	0	0	
11:00	101.7	11.34	104.1	5.589	0	0	
11:01	105.9	11.26	99.26	5.592	0	0	
11:02	110.2	11.27	105	5.598	0	0	
11:02	114.4	11.37	101	5.585	0	0	
11:03	118.6	11.09	100.5	5.591	0	0	
11:04	122.8	11.35	103.9	5.592	0	0	
11:05	127.1	11.38	102.3	5.592	0	0	
11:05	131.3	11.34	100.4	5.589	0	0	
11:06	135.5	11.33	100.4	5.596	0	0	
11:07	139.7	11.29	100.3	5.592	0	0	
11:08	143.9	11.34	100.1	5.593	0	0	
11:09	148.2	11.33	100.4	5.593	0	0	
11:09	152.4	11.03	98.52	5.593	0	0	
11:10	156.6	11.14	94.31	5.592	0	0	
11:11	160.8	11.29	99.82	5.592	0	0	
11:12	165	11.33	99.87	5.591	0	0	
11:12	169.3	11.16	95.35	5.594	0	0	
11:13	173.5	11.32	94.7	5.592	0	0	
11:14	177.7	11.28	94.86	5.592	0	0	
11:15	181.9	11.21	84.78	5.587	0	0	
11:15	0	0	0	0	0	0	End Lead Slurry
11:15	0	0	0	0	0	0	Reset Volume
11:15	0	0	0	0	0	0	[CumVol]=185.1 bbl
11:15	0	0	0	0	0	0	Start Mixing Tail Slurry
11:15	9364	14.35	141.4	5.59	0	0	
11:16	5.154	14.96	192.1	5.583	0	0	

ORIGINAL

REC'D
NSAS CORPORA

FEB 6

CONSERVATION
WICHITA, KS

Well		Field			Service Date	Customer		Job Number
HCU #15-11B		BRADSHAW			8/29/97	RICAN EXPLORATION COM		20017215
Time	CumVol	Density	Pressure U/I	Pump				Message
24 hr clock	bbl	ppg	psl	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	1.988	0	0	0	
11:38	48.03	9.036	581.8	1.986	0	0	0	

ORIGINAL

Post Job Summary

Average Pump Rates, bpm				Volume of Fluid Injected, bbl			
Slurry	N2	Mud	Maximum Rate	Total Slurry	Mud	Spacer	N2
5.5			5.5	219	0	0	0
Treating Pressure Summary, psi					Breakdown Fluid		
Maximum	Final	Average	Bump Plug to	Breakdown	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		<input type="checkbox"/> Circulation Lost <input checked="" type="checkbox"/> Job Completed	
HAWK DEMOSS				Jeffrey Dutton			

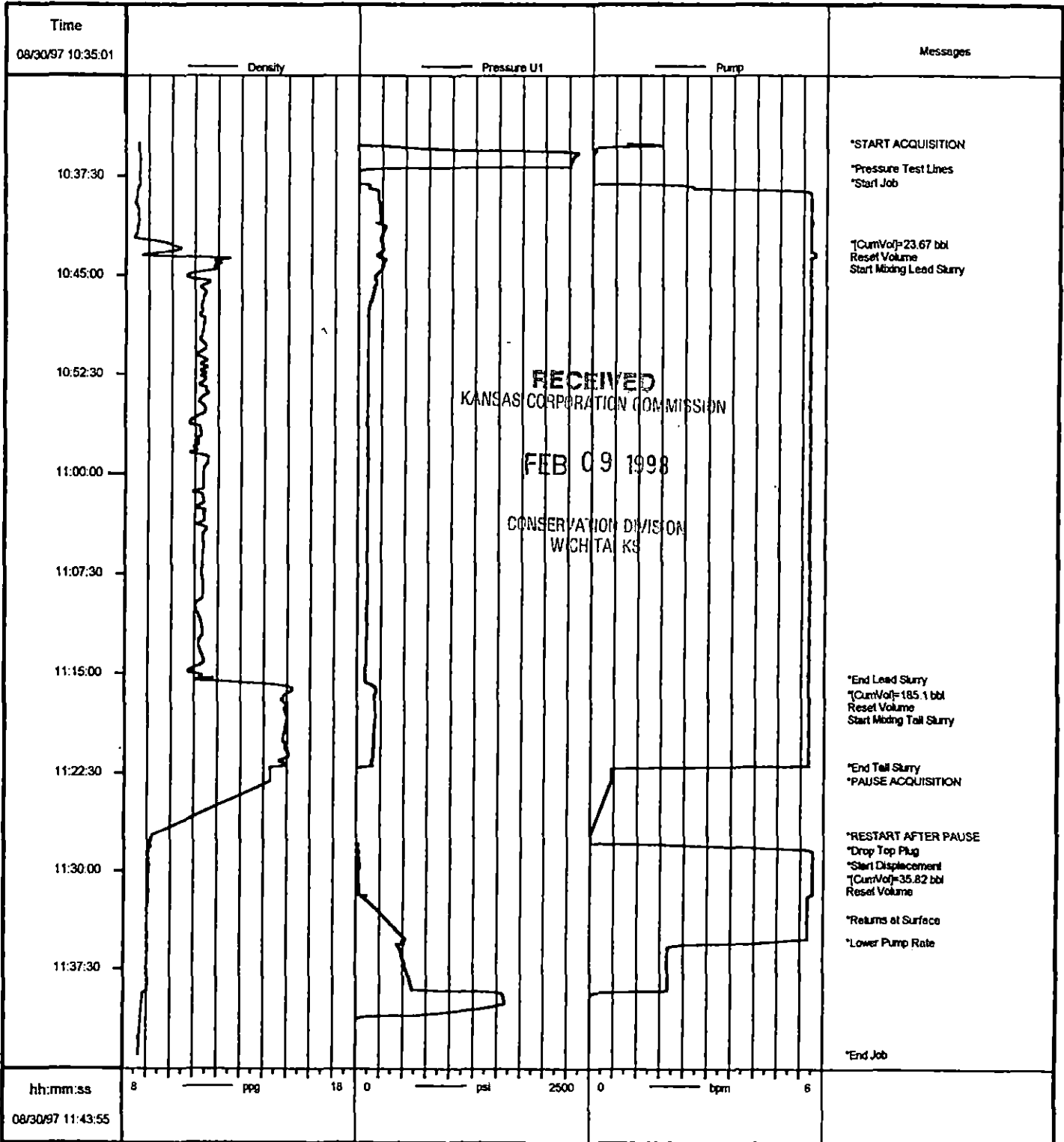
RECEIVED
KANSAS CORPORATION COMMISSION

FEB 09 1998

CONSERVATION DIVISION

ORIGINAL

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

08/30/1997 15:15

hh:mm:ss
08/30/97 11:43:55