

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

API NO. 15- 067-21480-0000

County GRANT
50' N OF C E

 - NW - SE - SE Sec. 35 Twp. 29S Rge. 35 X W

Operator: License # 4549

1040 Feet from X (S) (circle one) Line of Section

Name: ANADARKO PETROLEUM CORPORATION

990 Feet from (E)X (circle one) Line of Section

Address 701 S. TAYLOR, SUITE 400

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

City/State/Zip AMARILLO, TEXAS 79109

Lease Name HJV CROCKER "A" Well # 2

Purchaser: CLEAR CREEK

Field Name RYUS E.

Operator Contact Person: JOHN VIGIL

Producing Formation MORROW/CHESTER ✓

Phone (806) 457-4600

Elevation: Ground 3020 ✓ KB

Contractor: Name: BIG "A" DRILLING

Total Depth 5700 ✓ PBDT 5646 ✓

License: 31572

Amount of Surface Pipe Set and Cemented at 1812 ✓ Feet

Wellsite Geologist: ✓

Multiple Stage Cementing Collar Used? X Yes No

Designate Type of Completion
X New Well Re-Entry Workover

If yes, show depth set 4806 Feet

X Oil SWD KANSAS CORPORATION COMMISSION
 Gas ENHR SIGW
 Dry Other (Core, WSW, Expl., Cathodic, etc)

If Alternate II completion, cement circulated from

feet depth to w/ sx cmt.

If Workover:

Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)

Operator:

Chloride content 800 ppm Fluid volume 700 bbls

Well Name:

Dewatering method used DRY, BACKFILL & RESTORE LOCATION.

Comp. Date Old Total Depth

Location of fluid disposal offsite:

 Deepening Re-perf. Conv. to Inj/SWD
 Plug Back PBDT
X Commingled Docket No. PENDING
 Dual Completion Docket No.
 Other (SWD or Inj?) Docket No.

Operator Name

Lease Name License No.

12/22/2001 01/08/2002 02/13/2002
Spud Date Date Reached TD Completion Date

 Quarter Sec. S Rng. E/W

County 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.

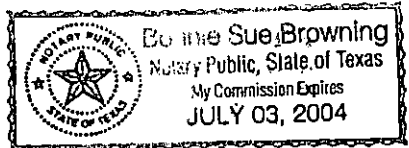
All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature L. Marc Harvey
L. MARC HARVEY
Title ENGINEERING TECHNICIAN III Date 4-2-02

Subscribed and sworn to before me this 2 day of April
20 02.

Notary Public Donnie Sue Browning
Date Commission Expires 7-3-04

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



JAN 16 2002

SIDE TWO

Operator Name ANADARKO PETROLEUM CORPORATION Lease Name HJV CROCKER "A" Well # 2

Sec. 35 Twp. 29S Rge. 35 [] East [X] West County GRANT

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 [X] No (Attach Additional Sheets.)
Samples Sent to Geological Survey [X] Yes [] No
Cores Taken [] Yes [X] No
Electric Log Run [X] Yes [] No (Submit Copy.)
List All E.Logs Run: CBL, DIL, CNL-LDT, ML, SONIC.

Log Formation (Top), Depth and Datums [] Sample
Name Top Datum
CHASE 2500
COUNCIL GROVE 2827
WABAUNSEE 3244
B/HEEBNER 3986
TORONTO 4013
LANSING 4056
KANSAS CITY 4546
MARMATON 4700
PAWNEE 4850
CHEROKEE 4908
MORROW 5276
CHESTER 5484
STE. GENEVIEVE 5615

CASING RECORD [X] New [] Used
Report all strings set-conductor, surface, intermediate, production, etc.
Table with columns: 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

ADDITIONAL CEMENTING/SQUEEZE RECORD
Table with columns: Purpose, Depth Top Bottom, Type of Cement, #Sacks Used, Type and Percent Additives

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
Table with columns: Shots Per Foot, PERFORATION RECORD, Acid, Fracture, Shot, Cement Squeeze Record, Depth

TUBING RECORD
Size 2-7/8" Set At 5609 Packer At
Liner Run [] Yes [X] No
Date of First, Resumed Production, SWD or Inj. 02-23-2002 Producing Method [] Flowing [X] Pumping [] Gas Lift [] Other (Explain)
Estimated Production Per 24 Hours Oil 275 Bbls. Gas TSTM Mcf Water 123 Bbls. Gas-Oil Ratio TSTM Gravity

Disposition of Gas: [] Vented [X] Sold [] Used on Lease (If vented, submit ACO-18.)
METHOD OF COMPLETION: [] Open Hole [X] Perf. [] Dually Comp. [] Commingled [] Other (Specify)
Production Interval 5376-5592 (OA)

Customer ANADARKO Petroleum Corporation						Job Number 2205435268				
Well HJV Crocker A-2			Location (F631) Ulysses, KS			Dowell Location Ulysses, KS			Job Start 2001-Dec-24	
Fluid		Formation Name/Type		Deviation		Bit Size in		Well MD 1,818 ft		Well TVD 1,818 ft
County Grant		State/Province Kansas		BHP psi		BHST °F		BHCT °F		Pore Press. Gradient psi/ft
Rig Name Big A DRILLING 4		Drilled For Oil & Gas		Well Type Exploration		Casing/Liner				
Offshore Zone		Well Class New		Well Type Exploration		Depth, ft 1818	Size, in 8.63	Weight, lb/ft 24	Grade K55	Thread 8RD
Drilling Fluid Type Spud Mud		Max. Density 9.45 lb/gal		Plastic Viscosity 16 cp		Tubing/Drill Pipe				
Service Line Cementing		Job Type Cem Surface Casing		Wellhead Connection 8 5/8		Perforations/Open Hole				
Max. Allowed Tubing Pressure 800 psi		Max. Allowed Ann. Pressure psi		Wellhead Connection 8 5/8		Top, ft	Bottom, ft	spf	No. of Shots	Total Interval ft
Service Instructions Safely Cement Surface Casing per customers request.						Diameter in	Treat Down Casing	Displacement 113 bbl	Packer Type None	Packer Depth ft
Casing/Tubing Secured <input checked="" type="checkbox"/> 1 Hole Volume Circulated prior to Cementing <input type="checkbox"/>						Tubing Vol. bbl	Casing Vol. 113 bbl	Annular Vol. 136 bbl	Open Hole Vol. bbl	Casing Tools
Lift Pressure: 330 psi		Pipe Rotated <input type="checkbox"/>		Pipe Recirculated <input type="checkbox"/>		Shoe Type: Guide		Squeeze Job Squeeze Type		
No. Centralizers: 0		Top Plugs: 1		Bottom Plugs:		Shoe Depth: 1818 ft		Tool Type:		
Cement Head Type: Single		Arrived on Location: 2001-Dec-24 5:20		Leave Location: 2001-Dec-24 16:00		Stage Tool Type:		Tool Depth: ft		
Job Scheduled For:		Arrived on Location: 2001-Dec-24 5:20		Leave Location: 2001-Dec-24 16:00		Stage Tool Depth: ft		Tail Pipe Size: in		
Job Scheduled For:		Arrived on Location: 2001-Dec-24 5:20		Leave Location: 2001-Dec-24 16:00		Collar Type:		Tail Pipe Depth: ft		
Job Scheduled For:		Arrived on Location: 2001-Dec-24 5:20		Leave Location: 2001-Dec-24 16:00		Collar Depth: ft		Sqz Total Vol: bbl		
Date	Time	Treating Pressure psi	Flow Rate bbl/min	Density lb/gal	Volume bbl	0	0	0	Message	
1970-Jan-01	0:00					0	0	0	End Lead Slurry	
1970-Jan-01	0:00					0	0	0	Reset Total, Vol = 0.00 bbl	
1970-Jan-01	0:00					0	0	0	Reset Total, Vol = 0.92 bbl	
1970-Jan-01	0:00					0	0	0	Started Acquisition	
2001-Dec-09	15:43	-10	0.0	8.31	0.0	0.0	0	0		
2001-Dec-09	15:44	-15	0.0	8.31	0.0	0.0	0	0		
2001-Dec-09	15:45	-10	0.0	8.31	0.0	0.0	0	0	RECEIVED	
2001-Dec-09	15:46	-15	0.0	8.31	0.0	0.0	0	0	KANSAS CORPORATION COMMISSION	
2001-Dec-09	15:47	-10	0.0	8.31	0.0	0.0	0	0	APR 04 2002	
2001-Dec-09	15:48	-10	0.0	8.31	0.0	0.0	0	0		
2001-Dec-09	15:49	-15	0.0	8.31	0.0	0.0	0	0		
2001-Dec-09	15:50	-10	0.0	8.31	0.0	0.0	0	0	CONSERVATION DIVISION WICHITA, KS	
2001-Dec-09	15:51	-10	0.0	8.31	0.0	0.0	0	0		
2001-Dec-09	15:52	-10	0.0	8.31	0.0	0.0	0	0		
2001-Dec-09	15:53	-15	0.0	8.32	0.0	0.0	0	0		
2001-Dec-09	15:54	-15	0.0	8.32	0.0	0.0	0	0		
2001-Dec-09	15:55	-10	0.0	8.38	0.0	0.0	0	0		
2001-Dec-09	15:56	0	0.0	8.32	0.0	0.0	0	0		
2001-Dec-09	15:57	0	0.0	8.41	0.0	0.0	0	0		
2001-Dec-09	15:58	911	0.9	8.31	0.6	0.6	0	0		
2001-Dec-09	15:59	27	0.0	8.61	0.9	0.9	0	0		
2001-Dec-09	16:00	-5	0.0	8.54	0.9	0.9	0	0		

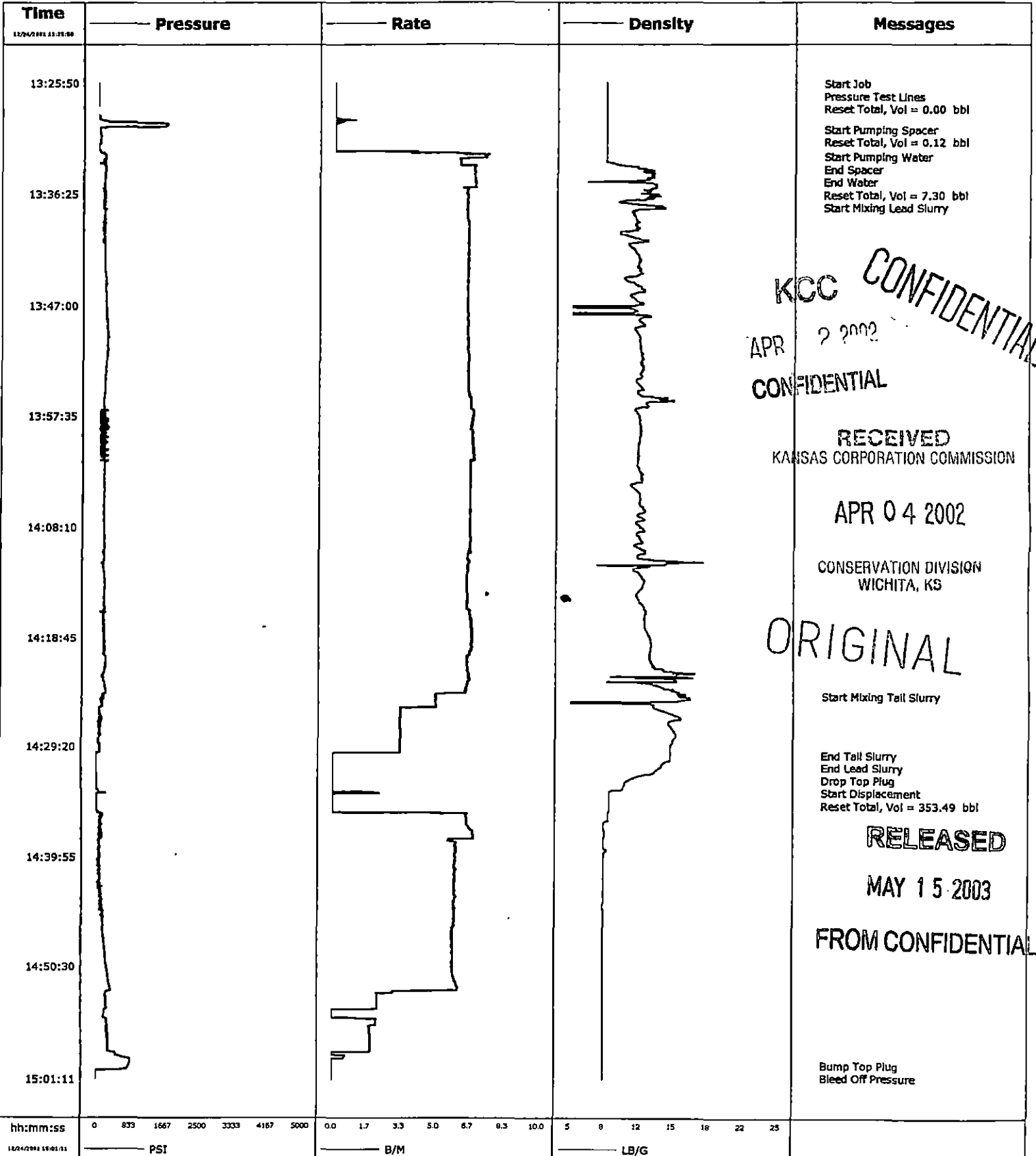
ORIGINAL

Well		Field			Service Date		Customer		Job Number
HJV Crocker #A-2					01358-Dec-24		ANADARKO Petroleum Corporation		2205435288
Date	Time	Treating Pressure	Flow Rate	Density	Volume	0	0	0	Message
	24 hr clock	psi	bbt/min	lb/gal	bbt	0	0	0	
2001-Dec-09	16:01	-5	0.0	8.63	0.9	0.9	0	0	
2001-Dec-09	16:02	-5	0.0	8.47	0.9	0.9	0	0	KCC
2001-Dec-09	16:03	-5	0.0	8.40	0.9	0.9	0	0	
2001-Dec-09	16:04	0	0.0	8.36	0.9	0.9	0	0	
2001-Dec-09	16:05	-5	0.0	8.35	0.9	0.9	0	0	APR 2 2002
2001-Dec-09	16:06	-5	0.0	8.32	0.9	0.9	0	0	
2001-Dec-09	16:07	0	0.0	8.32	0.9	0.9	0	0	CONFIDENTIAL
2001-Dec-09	16:08	-5	0.0	8.32	0.9	0.9	0	0	
2001-Dec-09	16:09	-5	0.0	8.32	0.9	0.9	0	0	
2001-Dec-09	16:10	-5	0.0	8.32	0.9	0.9	0	0	CONFIDENTIAL
2001-Dec-09	16:11	-5	0.0	8.32	0.9	0.9	0	0	
2001-Dec-09	16:12	0	0.0	8.31	0.9	0.9	0	0	
2001-Dec-09	16:13	0	0.0	8.31	0.9	0.9	0	0	
2001-Dec-09	16:14	0	0.0	8.31	0.9	0.9	0	0	
2001-Dec-09	16:15	-5	0.0	8.31	0.9	0.9	0	0	
2001-Dec-09	16:16	0	0.0	8.31	0.9	0.9	0	0	ORIGINAL
2001-Dec-09	16:17	0	0.0	8.31	0.9	0.9	0	0	
2001-Dec-09	16:18	-5	0.0	8.31	0.9	0.9	0	0	
2001-Dec-09	16:19	-5	0.0	8.31	0.9	0.9	0	0	
2001-Dec-09	16:20	-5	0.0	8.31	0.9	0.9	0	0	
2001-Dec-09	16:21	0	0.0	8.32	0.9	0.9	0	0	
2001-Dec-09	16:22	50	0.0	8.33	1.0	1.0	0	0	
2001-Dec-09	16:23	179	5.7	8.33	3.5	3.5	0	0	Start Pumping Water
2001-Dec-09	16:24	165	5.8	8.33	9.2	9.2	0	0	
2001-Dec-09	16:25	169	5.9	9.81	15.1	15.1	0	0	
2001-Dec-09	16:26	183	5.9	10.54	20.9	20.9	0	0	Start Lead Cement
2001-Dec-09	16:27	197	6.0	10.96	26.9	26.9	0	0	RELEASED
2001-Dec-09	16:28	215	6.0	11.64	32.8	32.8	0	0	MAY 15 2003
2001-Dec-09	16:29	206	6.0	11.86	38.9	38.9	0	0	
2001-Dec-09	16:31	188	6.1	11.59	45.0	45.0	0	0	
2001-Dec-09	16:32	192	6.1	11.52	51.1	51.1	0	0	FROM CONFIDENTIAL
2001-Dec-09	16:33	179	6.1	11.63	57.2	57.2	0	0	
2001-Dec-09	16:34	169	6.1	11.79	63.3	63.3	0	0	
2001-Dec-09	16:35	156	6.1	11.60	69.4	69.4	0	0	
2001-Dec-09	16:36	151	6.1	11.34	75.6	75.6	0	0	
2001-Dec-09	16:37	151	6.2	11.31	81.7	81.7	0	0	RECEIVED
2001-Dec-09	16:38	156	6.2	11.55	87.9	87.9	0	0	KANSAS CORPORATION COMMISSION
2001-Dec-09	16:39	156	6.2	11.53	94.0	94.0	0	0	
2001-Dec-09	16:40	156	6.2	11.47	100.2	100.2	0	0	APR 04 2002
2001-Dec-09	16:41	151	6.2	11.45	106.4	106.4	0	0	
2001-Dec-09	16:42	151	6.2	11.42	112.7	112.7	0	0	
2001-Dec-09	16:43	142	6.2	11.40	118.9	118.9	0	0	CONSERVATION DIVISION
2001-Dec-09	16:44	160	6.2	11.40	125.1	125.1	0	0	WICHITA, KS
2001-Dec-09	16:45	151	6.2	11.47	131.2	131.2	0	0	
2001-Dec-09	16:46	142	6.2	11.00	137.4	137.4	0	0	
2001-Dec-09	16:47	160	6.2	11.83	143.6	143.6	0	0	
2001-Dec-09	16:48	156	6.2	11.56	149.8	149.8	0	0	
2001-Dec-09	16:49	137	6.2	11.29	156.0	156.0	0	0	
2001-Dec-09	16:50	160	6.2	11.46	162.2	162.2	0	0	
2001-Dec-09	16:51	151	6.2	11.43	168.4	168.4	0	0	
2001-Dec-09	16:52	156	6.2	11.34	174.6	174.6	0	0	
2001-Dec-09	16:53	151	6.2	11.34	180.8	180.8	0	0	
2001-Dec-09	16:54	156	6.2	11.27	187.1	187.1	0	0	
2001-Dec-09	16:55	151	6.2	11.44	193.3	193.3	0	0	

Well		Field			Service Date		Customer			Job Number
HJV Crocker #A-2					01358-Dec-24		ANADARKO Petroleum Corporation			2205435268
Date	Time	Treating Pressure	Flow Rate	Density	Volume	0	0	0	Message	
	24 hr clock	psi	bbbl/min	lb/gal	bbbl	0	0	0		
2001-Dec-09	16:56	160	6.2	11.56	199.5	199.5	0	0		
2001-Dec-09	16:57	156	6.2	11.56	205.7	205.7	0	0		
2001-Dec-09	16:58	151	6.2	11.56	211.9	211.9	0	0	CONFIDENTIAL	
2001-Dec-09	16:59	151	6.2	11.40	218.0	218.0	0	0		
2001-Dec-09	17:00	160	6.2	11.48	224.2	224.2	0	0		
2001-Dec-09	17:01	165	6.2	11.46	230.4	230.4	0	0		
2001-Dec-09	17:02	160	6.2	11.42	236.6	236.6	0	0	ORIGINAL	
2001-Dec-09	17:03	165	6.2	11.32	242.8	242.8	0	0		
2001-Dec-09	17:04	156	6.2	11.56	249.0	249.0	0	0		
2001-Dec-09	17:05	169	6.2	11.28	255.3	255.3	0	0		
2001-Dec-09	17:06	160	6.2	11.46	261.5	261.5	0	0		
2001-Dec-09	17:07	165	6.2	11.53	267.7	267.7	0	0	KCC	
2001-Dec-09	17:08	156	6.2	11.52	273.9	273.9	0	0		
2001-Dec-09	17:09	169	6.2	11.56	280.1	280.1	0	0		
2001-Dec-09	17:10	151	6.6	11.40	286.5	286.5	0	0	APR 2 2002	
2001-Dec-09	17:11	197	6.6	11.36	293.1	293.1	0	0		
2001-Dec-09	17:12	160	5.9	11.41	299.1	299.1	0	0	CONFIDENTIAL	
2001-Dec-09	17:13	156	5.9	11.24	305.0	305.0	0	0		
2001-Dec-09	17:14	160	5.9	11.24	310.9	310.9	0	0		
2001-Dec-09	17:15	169	5.9	11.27	316.8	316.8	0	0	RELEASED	
2001-Dec-09	17:16	165	5.9	11.50	322.7	322.7	0	0		
2001-Dec-09	17:17	160	5.9	11.60	328.7	328.7	0	0	MAY 15 2003	
2001-Dec-09	17:18	165	5.9	11.65	334.6	334.6	0	0		
2001-Dec-09	17:19	156	5.9	11.69	340.5	340.5	0	0		
2001-Dec-09	17:20	156	5.9	12.01	346.4	346.4	0	0	FROM CONFIDENTIAL	
2001-Dec-09	17:21	160	5.9	13.43	352.3	352.3	0	0		
2001-Dec-09	17:22	179	5.9	14.43	358.1	358.1	0	0	Start Tail Cement	
2001-Dec-09	17:23	206	5.9	15.08	364.0	364.0	0	0		
2001-Dec-09	17:24	192	5.9	14.91	369.9	369.9	0	0		
2001-Dec-09	17:25	188	5.9	14.14	375.8	375.8	0	0		
2001-Dec-09	17:26	-5	0.0	14.11	376.2	376.2	0	0		
2001-Dec-09	17:27	41	1.0	8.86	376.5	376.5	0	0	Drop Top Plug. Start Displacement	
2001-Dec-09	17:28	64	4.8	8.35	381.0	381.0	0	0		
2001-Dec-09	17:29	73	5.7	8.44	385.9	385.9	0	0		
2001-Dec-09	17:30	96	5.7	8.31	391.6	391.6	0	0		
2001-Dec-09	17:31	82	5.6	8.35	397.2	397.2	0	0		
2001-Dec-09	17:32	92	5.6	8.32	402.9	402.9	0	0		
2001-Dec-09	17:33	101	5.6	8.31	408.5	408.5	0	0		
2001-Dec-09	17:34	137	5.6	8.31	414.0	414.0	0	0	RECEIVED	
2001-Dec-09	17:35	96	5.5	8.31	419.5	419.5	0	0	KANSAS CORPORATION COMMISSION	
2001-Dec-09	17:36	133	5.4	8.31	425.0	425.0	0	0		
2001-Dec-09	17:37	174	5.4	8.31	430.5	430.5	0	0	APR 04 2002	
2001-Dec-09	17:38	192	5.4	8.31	435.9	435.9	0	0		
2001-Dec-09	17:39	183	5.4	8.31	441.3	441.3	0	0	CONSERVATION DIVISION	
2001-Dec-09	17:40	201	5.4	8.31	446.8	446.8	0	0	WICHITA, KS	
2001-Dec-09	17:41	133	5.3	8.31	452.2	452.2	0	0		
2001-Dec-09	17:42	238	5.3	8.31	457.5	457.5	0	0		
2001-Dec-09	17:43	247	5.3	8.31	462.8	462.8	0	0		
2001-Dec-09	17:44	252	5.2	8.31	468.0	468.0	0	0		
2001-Dec-09	17:45	288	5.1	8.31	473.1	473.1	0	0		
2001-Dec-09	17:46	275	3.3	8.31	477.6	477.6	0	0		
2001-Dec-09	17:47	270	1.9	8.31	480.5	480.5	0	0		
2001-Dec-09	17:48	275	1.9	8.31	482.4	482.4	0	0		

Well		Field			Service Date		Customer		Job Number	
HJV Crocker #A-2					01358-Dec-24		ANADARKO Petroleum Corporation		2205435268	
Date	Time	Treating Pressure	Flow Rate	Density	Volume	0	0	0	Message	
		psi								bbl/min
2001-Dec-09	17:49	288	1.9	8.31	484.3	484.3	0	0	CONFIDENTIAL	
2001-Dec-09	17:50	485	1.8	8.31	486.2	486.2	0	0		
2001-Dec-09	17:51	774	0.0	8.31	486.3	486.3	0	0		
2001-Dec-09	17:52	-5	0.0	8.31	486.3	486.3	0	0	Float Holding, Job Complete	
2001-Dec-09	17:52	-5	0.0	8.31	486.3	486.3	0	0		
2001-Dec-09	17:52								Stopped Acquisition	
2001-Dec-24	13:25	-9	0.0	8.31	0.0	0	0	0		
2001-Dec-24	13:25								Start Job	
2001-Dec-24	13:25	-9	0.0	8.31	0.0	0	0	0		
2001-Dec-24	13:26	-14	0.0	8.31	0.0	0	0	0		
2001-Dec-24	13:26								CONFIDENTIAL	
2001-Dec-24	13:26								Pressure Test Lines	
2001-Dec-24	13:26	-14	0.0	8.31	0.0	0	0	0	Reset Total Vol = 0.00 bbl	
2001-Dec-24	13:26	-9	0.0	8.31	0.0	0	0	0	RELEASED	
2001-Dec-24	13:27	-14	0.0	8.31	0.0	0	0	0	MAY 15 2003	
2001-Dec-24	13:28	-14	0.0	8.31	0.0	0	0	0		
2001-Dec-24	13:29	1662	0.0	8.32	0.1	0	0	0	FROM CONFIDENTIAL	
2001-Dec-24	13:30								Start Pumping Spacer	
2001-Dec-24	13:30	37	0.0	8.32	0.1	0	0	0		
2001-Dec-24	13:30	32	0.0	8.32	0.1	0	0	0		
2001-Dec-24	13:30								Reset Total, Vol = 0.12 bbl	
2001-Dec-24	13:30	50	0.0	8.32	0.0	0	0	0		
2001-Dec-24	13:31	-5	0.0	8.32	0.0	0	0	0		
2001-Dec-24	13:32	169	7.3	8.32	2.7	0	0	0		
2001-Dec-24	13:32								Start Pumping Water	
2001-Dec-24	13:32	169	7.3	8.32	2.9	0	0	0		
2001-Dec-24	13:33	165	6.4	8.32	4.2	0	0	0		
2001-Dec-24	13:33								End Spacer	
2001-Dec-24	13:33								End Water	
2001-Dec-24	13:33	133	6.1	8.29	6.1	0	0	0		
2001-Dec-24	13:33								Reset Total, Vol = 7.30 bbl	
2001-Dec-24	13:33	146	6.1	8.99	7.3	0	0	0		
2001-Dec-24	13:33								Start Mixing Lead Slurry	
2001-Dec-24	13:33	142	6.1	9.34	7.8	0	0	0		
2001-Dec-24	13:33	165	6.8	10.65	9.1	0	0	0		
2001-Dec-24	13:34	165	6.8	12.92	15.8	0	0	0	ORIGINAL	
2001-Dec-24	13:35	146	6.5	13.11	22.7	0	0	0		
2001-Dec-24	13:36	160	6.4	12.82	29.2	0	0	0		
2001-Dec-24	13:37	169	6.4	12.06	35.6	0	0	0		
2001-Dec-24	13:38	151	6.4	11.24	42.1	0	0	0		
2001-Dec-24	13:39	137	6.5	10.69	48.6	0	0	0		
2001-Dec-24	13:40	133	6.5	12.43	55.1	0	0	0		
2001-Dec-24	13:41	160	6.5	11.22	61.6	0	0	0		
2001-Dec-24	13:42	169	6.5	11.55	68.1	0	0	0		
2001-Dec-24	13:43	179	6.5	11.72	74.6	0	0	0		
2001-Dec-24	13:44	192	6.5	11.10	81.0	0	0	0		
2001-Dec-24	13:45	197	6.5	10.81	87.5	0	0	0		
2001-Dec-24	13:46	192	6.5	11.29	93.9	0	0	0		
2001-Dec-24	13:47	201	6.5	11.38	100.3	0	0	0		
2001-Dec-24	13:48	224	6.5	12.07	106.9	0	0	0		
2001-Dec-24	13:49	238	6.5	11.58	113.4	0	0	0		
2001-Dec-24	13:50	233	6.5	11.65	119.9	0	0	0		
2001-Dec-24	13:51	206	6.5	11.80	126.3	0	0	0		
2001-Dec-24	13:52	201	6.5	12.01	132.9	0	0	0		

Well	HJV Crocker A-2	Client	Anadarko Petroleum Co.
Field		SIR No.	
Engineer	Jose Camargo	Job Type	surface
Country	United States	Job Date	12-24-2001



Customer ANADARKO Petroleum Corporation			Person Taking Call Cambren, Charles			Dowell Location Ulysses, KS		Order Date 12/9/2001		Job Number 2205435268		
Well Name and Number HJV Crocker A-2				Legal Location		Field		County Grant		State/Province Kansas		
Rig Name Big A DRILLING 4			Well Age New		Sales Engineer Cambren, Charles			Job Type Cem Surface Casing				
Time Well Ready:		Deviation		Bit Size in		Well MD 1,800 ft		Well TVD 1,800 ft		BHP psi	BHST °F	BHCT °F
Treat Down Casing		Packer Type None	Packer Depth ft		Wellhead Connection 8 5/8		HHP on Location	Max Allowed Pressure		Max Allowed Ann Pressure		
Casing					Services Instructions: Safely Cement Surface Casing per customers request. ✓ CONFIDENTIAL RECEIVED KANSAS CORPORATION COMMISSION APR 04 2002 CONSERVATION DIVISION WICHITA, KS ORIGINAL							
Depth, ft	Size, in	Weight, lb/ft	Grade	Thread								
1817	8.63	24	K55	8RD								
Tubing					Extra Equipment: * SLB TO PROVIDE ALL FLOAT EQUIPMENT* 1 - 8 5/8" Bull Nose Guide Shoe 1 - 8 5/8" Orifice Fill Insert 4 - 8 5/8" Regular Centralizers 1 - 8 5/8" Top Plug 1 - Thread Lock Kit							
Depth,	Size, in	Weight, lb/ft	Grade	Thread								
Perforated Intervals					KCC APR 7 2002 CONFIDENTIAL RELEASED MAY 15 2003 FROM CONFIDENTIAL							
Top, ft	Bottom, ft	spf	No. of Shots	Total Interval ft								
				Diameter in								

Contact	Voice	Mobile	FAX	Notes
Bartel, Steve		806-679-3792	320-626-1908 page	
Rig 2 phone	620-391-1536			

Notes:
8 5/8" Casing

Directions:
From Ulysses go E On 160 to 190 - S on 190 5.5 - W into

Other Notes:

Comments:

Fluid Systems:

Lead			
420 SKS Class 'C' Cement + 3 % BWOB D079 + 0.2 % BWOB D046 + 0.25 lbs/sk D029			
Density:	11.4 lb/gal	Thickening Time:	+7 hrs
Yield:	2.87 ft ³ /sk	Viscosity:	cp
H2O Mix:	17.7 gal/sk	Break Time:	
H2O:	7434 gal	Eq. Sack Weight:	94 lb
Dowell Code	Conc/ Amount	Total Quantity	
D029	0.25 lbs/sk	105	
D046	0.2 % BWOB	78.96	
D079	3 % BWOB	1184.4	
D903	94 lbs/sk	39480	

Tail			
100 sks Class 'C' Cement + 2 % BWOB S001 + 0.25 lbs/sk D029 +			
Density:	14.8 lb/gal	Thickening Time:	+4 hrs
Yield:	1.34 ft ³ /sk	Viscosity:	cp
H2O Mix:	6.33 gal/sk	Break Time:	
H2O:	633 gal	Eq. Sack Weight:	94 lb
Dowell Code	Conc/ Amount	Total Quantity	
D029	0.25 lbs/sk	25	
S001	2 % BWOB	188	
D903	94 lbs/sk	9400	

Customer ANADARKO Petroleum Corporation	Job Number 2205435277
---	---------------------------------

Well HJV Crocker A-2		Location (legal) Ulysses, KS		Dowell Location Ulysses, KS		Job Start 2002-Jan-05	
Field		Formation Name/Type ORIGINAL		Casing Size 5.5 in		Well MD 5,700 ft	
County Grant		State/Province Kansas		BHP psi		BHST *F	
Rig Name Big A DRILLING 4		Drilled For Oil & Gas		Service Via Land		Casing/Liner	
Offshore Zone		Well Class New		Well Type Exploration		Pore Press. Gradient psi/ft	
Drilling Fluid Type Spud Mud		Max. Density 8.9 lb/gal		Plastic Viscosity 13 cp		Tubing/Drill Pipe	
Service Line Cementing		Job Type Cem Prod Casing		Depth, ft 5694.75		Size, in 5.5	
Max. Allowed Tubing Pressure psi		Max. Allowed Ann. Pressure psi		Wellhead Connection		Weight, lb/ft 15.5	
Service Instructions Safely Cement Production Casing per customers request.		Perforations/Open Hole		Grade K55		Throat 8RD	
KCC APR 2 2002 CONFIDENTIAL		Top, ft		Bottom, ft		apf	
		No. of Shots		Total Interval ft		Diameter in	
		Treat Down Casing		Displacement 115 bbl		Packer Type None	
		Tubing Vol. bbl		Casing Vol. 135.5 bbl		Annular Vol. 176 bbl	
Casing/Tubing Secured <input checked="" type="checkbox"/>		1 Hole Volume Circulated prior to Cementing <input type="checkbox"/>		Casing Tools		Squeeze Job	
Lift Pressure: psi		Pipe Rotated <input type="checkbox"/>		Pipe Reciprocated <input type="checkbox"/>		Shoe Type: Other	
No. Centralizers: 15		Top Plugs: 1		Bottom Plugs: 1		Shoe Depth: 5695.75 ft	
Cement Head Type: Single		Job Scheduled For: 2002-Jan-04 20:04		Arrived on Location: 2002-Jan-05 10:00		Leave Location:	
		Stage Tool Type: DV		Stage Tool Depth: 4806.1 ft		Tool Type:	
		Collar Type: Float		Collar Depth: 5651 ft		Tool Depth: ft	
		Squeeze Total Vol: bbl		Tail Pipe Size: in		Tail Pipe Depth: ft	
Date	Time	Treating Pressure	Flow Rate	Density	Volume	0	0
	24 hr clock	psi	bbl/min	lb/gal	bbl	0	0
2002-Jan-05	1:40	0	0.0	8.36	0.0	0	0
2002-Jan-05	1:40	0	0.0	8.36	0.0	0	0
2002-Jan-05	1:40						
2002-Jan-05	1:40						
2002-Jan-05	1:40	5	0.0	8.36	0.0	0	0
2002-Jan-05	1:40	0	0.0	8.36	0.0	0	0
2002-Jan-05	1:40						
2002-Jan-05	1:40	0	0.0	8.36	0.0	0	0
2002-Jan-05	1:40						
2002-Jan-05	1:41	0	0.0	8.36	0.0	0	0
2002-Jan-05	1:42	0	0.0	8.36	0.0	0	0
2002-Jan-05	1:43	0	0.0	8.36	0.0	0	0
2002-Jan-05	1:44	5	0.0	8.36	0.0	0	0
2002-Jan-05	1:45	5	0.0	8.36	0.0	0	0
2002-Jan-05	1:46	0	0.0	8.36	0.0	0	0
2002-Jan-05	1:47	595	0.0	8.36	0.2	0	0
2002-Jan-05	1:48	3497	0.0	8.36	0.2	0	0
2002-Jan-05	1:49	23	0.0	8.36	0.2	0	0
2002-Jan-05	1:50	5	0.0	8.36	0.2	0	0
2002-Jan-05	1:51	0	0.0	8.36	0.2	0	0
2002-Jan-05	1:51						
2002-Jan-05	1:51	5	0.0	8.36	0.2	0	0

RELEASED
MAY 15 2003

FROM CONFIDENTIAL

RECEIVED
KANSAS CORPORATION COMMISSION

APR 04 2002

CONSERVATION DIVISION
WICHITA, KS

Reset Total, Vol = 0.24 bbl

ORIGINAL

Well		Field			Service Date		Customer		Job Number
HJV Crocker #A-2					025-Jan-05		ANADARKO Petroleum Corporation		2205435277
Date	Time	Treating Pressure	Flow Rate	Density	Volume	0	0	0	Message
	24 hr clock	psi	bbbl/min	lb/gal	bbbl	0	0	0	CONFIDENTIAL
2002-Jan-05	1:52	0	0.0	8.36	0.0	0	0	0	
2002-Jan-05	1:52								Pressure Test Lines
2002-Jan-05	1:52	0	0.0	8.36	0.0	0	0	0	
2002-Jan-05	1:52								Start Pumping Spacer
2002-Jan-05	1:52	0	0.0	8.36	0.0	0	0	0	KCC
2002-Jan-05	1:53	243	3.9	8.33	1.9	0	0	0	
2002-Jan-05	1:54	41	0.0	8.32	5.0	0	0	0	APR 2 2002
2002-Jan-05	1:54								End Spacer
2002-Jan-05	1:54	32	0.0	8.32	5.0	0	0	0	CONFIDENTIAL
2002-Jan-05	1:54								Start Mixing Lead Slurry
2002-Jan-05	1:54	27	0.0	8.30	5.0	0	0	0	
2002-Jan-05	1:54	23	0.0	8.30	5.0	0	0	0	
2002-Jan-05	1:54								Reset Total, Vol = 5.02 bbl
2002-Jan-05	1:54	18	0.0	8.30	0.0	0	0	0	
2002-Jan-05	1:54								Reset Total, Vol = 0.00 bbl
2002-Jan-05	1:55	9	0.0	8.99	0.0	0	0	0	RECEIVED
2002-Jan-05	1:56	9	0.0	11.18	0.0	0	0	0	KANSAS CORPORATION COMMISSION
2002-Jan-05	1:57	5	0.0	11.31	0.0	0	0	0	
2002-Jan-05	1:58	252	3.9	11.30	2.1	0	0	0	APR 04 2002
2002-Jan-05	1:59	201	3.9	11.14	6.0	0	0	0	
2002-Jan-05	2:00	183	3.9	11.71	9.9	0	0	0	
2002-Jan-05	2:01	188	3.9	13.18	13.7	0	0	0	CONFIDENTIAL
2002-Jan-05	2:01	224	3.9	13.36	13.8	0	0	0	
2002-Jan-05	2:01								End Lead Slurry
2002-Jan-05	2:01	220	3.9	13.56	14.0	0	0	0	
2002-Jan-05	2:01								Start Mixing Tail Slurry
2002-Jan-05	2:01	215	3.9	14.16	14.4	0	0	0	
2002-Jan-05	2:01								Reset Total, Vol = 14.36 bbl
2002-Jan-05	2:02	188	3.9	14.17	3.3	0	0	0	
2002-Jan-05	2:03	78	2.5	10.93	6.5	0	0	0	
2002-Jan-05	2:04	211	3.9	14.74	9.6	0	0	0	
2002-Jan-05	2:05	151	3.9	13.21	13.5	0	0	0	ORIGINAL
2002-Jan-05	2:06	188	3.9	15.30	17.4	0	0	0	
2002-Jan-05	2:07	201	3.9	14.78	21.3	0	0	0	
2002-Jan-05	2:07								End Tail Slurry
2002-Jan-05	2:07	32	0.0	4.11	23.1	0	0	0	
2002-Jan-05	2:08								Shutdown
2002-Jan-05	2:08	18	0.0	1.17	23.1	0	0	0	
2002-Jan-05	2:08								Drop Bottom Plug
2002-Jan-05	2:08	18	0.0	0.82	23.1	0	0	0	
2002-Jan-05	2:08	18	0.0	0.56	23.1	0	0	0	
2002-Jan-05	2:08								Reset Total, Vol = 23.13 bbl
2002-Jan-05	2:08	14	0.0	0.49	0.0	0	0	0	RELEASED
2002-Jan-05	2:09	9	0.0	0.40	0.0	0	0	0	
2002-Jan-05	2:10	9	0.0	0.32	0.0	0	0	0	MAY 15 2003
2002-Jan-05	2:11	14	0.0	0.30	0.0	0	0	0	
2002-Jan-05	2:12	156	3.9	8.54	3.1	0	0	0	
2002-Jan-05	2:13	50	3.9	4.20	7.0	0	0	0	FROM CONFIDENTIAL
2002-Jan-05	2:14	23	0.0	8.37	8.5	0	0	0	
2002-Jan-05	2:15	14	0.0	8.38	8.5	0	0	0	
2002-Jan-05	2:16	14	0.0	8.38	8.5	0	0	0	
2002-Jan-05	2:17	14	0.0	8.38	8.5	0	0	0	
2002-Jan-05	2:18	69	3.3	8.38	9.3	0	0	0	
2002-Jan-05	2:19	124	5.2	8.35	14.0	0	0	0	

Well		Field				Service Date	Customer			Job Number
HJV Crocker #A-2						025-Jan-05	ANADARKO Petroleum Corporation			2205435277
Date	Time	Treating Pressure	Flow Rate	Density	Volume	0	0	0	Message	
	24 hr clock	psi	bbf/min	lb/gal	bbl	0	0	0		
2002-Jan-05	2:20	101	5.7	8.35	19.5	0	0	0		
2002-Jan-05	2:21	101	5.7	8.35	25.3	0	0	0		
2002-Jan-05	2:22	92	7.9	8.35	31.3	0	0	0		
2002-Jan-05	2:23	96	7.9	8.33	39.2	0	0	0		
2002-Jan-05	2:24	64	6.9	8.32	47.1	0	0	0		
2002-Jan-05	2:25	206	5.7	9.00	53.3	0	0	0		
2002-Jan-05	2:26	201	5.7	8.01	59.0	0	0	0		
2002-Jan-05	2:27	201	5.7	9.02	64.7	0	0	0		
2002-Jan-05	2:28	197	5.7	9.02	70.4	0	0	0		
2002-Jan-05	2:29	201	5.7	9.02	76.1	0	0	0		
2002-Jan-05	2:30	206	5.7	9.02	81.9	0	0	0		
2002-Jan-05	2:31	206	5.7	9.02	87.6	0	0	0		
2002-Jan-05	2:32	197	5.7	9.03	93.3	0	0	0		
2002-Jan-05	2:33	206	5.7	9.03	99.0	0	0	0		
2002-Jan-05	2:34	192	5.7	9.03	104.8	0	0	0		
2002-Jan-05	2:35	192	5.7	9.03	110.5	0	0	0		
2002-Jan-05	2:36	201	5.7	9.04	116.2	0	0	0		
2002-Jan-05	2:37	201	5.7	9.04	121.9	0	0	0		
2002-Jan-05	2:38	211	5.7	9.04	127.6	0	0	0		
2002-Jan-05	2:39	206	5.7	9.05	133.3	0	0	0		
2002-Jan-05	2:40	96	2.0	9.05	136.3	0	0	0		
2002-Jan-05	2:41	96	2.0	9.05	138.4	0	0	0		
2002-Jan-05	2:42	101	2.0	9.05	140.4	0	0	0		
2002-Jan-05	2:43	128	2.5	9.05	142.7	0	0	0		
2002-Jan-05	2:44	201	2.5	9.05	145.1	0	0	0		
2002-Jan-05	2:45	206	2.5	9.05	147.6	0	0	0		
2002-Jan-05	2:46	275	2.5	9.05	150.1	0	0	0		
2002-Jan-05	2:47	316	2.5	9.05	152.5	0	0	0		
2002-Jan-05	2:48	362	2.5	9.05	155.0	0	0	0		
2002-Jan-05	2:49	673	0.0	9.05	157.4	0	0	0		
2002-Jan-05	2:49	792	0.0	9.05	157.4	0	0	0		
2002-Jan-05	2:49								Stop Pumping	
2002-Jan-05	2:50								Bleed Off Pressure	
2002-Jan-05	2:50	792	0.0	9.05	157.4	0	0	0		
2002-Jan-05	2:50	792	0.0	9.05	157.4	0	0	0		
2002-Jan-05	2:51	677	0.0	9.05	157.4	0	0	0		
2002-Jan-05	2:52	46	0.0	9.06	157.4	0	0	0		
2002-Jan-05	2:53								psi test casing to 3000psi	
2002-Jan-05	2:53	46	0.0	9.06	157.4	0	0	0		
2002-Jan-05	2:53	46	0.0	9.06	157.4	0	0	0		
2002-Jan-05	2:54	604	0.7	9.06	157.7	0	0	0		
2002-Jan-05	2:55	1822	0.4	9.06	158.4	0	0	0		
2002-Jan-05	2:56	2632	0.4	9.06	158.8	0	0	0		
2002-Jan-05	2:57	3003	0.0	9.06	159.0	0	0	0		
2002-Jan-05	2:58	2632	0.0	9.06	159.0	0	0	0		
2002-Jan-05	2:59	50	0.0	9.06	159.0	0	0	0		
2002-Jan-05	3:00	37	0.0	9.06	159.0	0	0	0		
2002-Jan-05	3:01	37	0.0	9.06	159.0	0	0	0		
2002-Jan-05	3:01								drop bomb	
2002-Jan-05	3:01	32	0.0	9.06	159.0	0	0	0		
2002-Jan-05	3:27	18	0.0	9.08	159.0	0	0	0		
2002-Jan-05	3:27								Reset Total, Vol = 158.97 bbl	
2002-Jan-05	3:28								open DV tool	
2002-Jan-05	3:28	18	0.0	9.08	0.0	0	0	0		

ORIGINAL

ORIGINAL
CONFIDENTIAL

KCC

APR 2 2002

CONFIDENTIAL

RECEIVED
KANSAS CORPORATION COMMISSION

APR 04 2002

RELEASED

COMMISSION DIVISION

MAY 15 2003

FROM CONFIDENTIAL

ORIGINAL

Well		Field			Service Date		Customer		Job Number
HJV Crocker #A-2					026-Jan-05		ANADARKO Petroleum Corporation		2205435277
Date	Time	Treating Pressure	Flow Rate	Density	Volume	0	0	0	Message
	24 hr clock	psf	bb/min	lb/gal	bbf	0	0	0	
2002-Jan-05	3:28	14	0.0	9.08	0.0	0	0	0	
2002-Jan-05	3:29	18	0.0	9.08	0.0	0	0	0	RECEIVED
2002-Jan-05	3:30	151	1.1	8.98	0.2	0	0	0	KANSAS CORPORATION COMMISSION
2002-Jan-05	3:31	398	5.5	9.05	3.4	0	0	0	
2002-Jan-05	3:32	394	5.5	9.04	9.0	0	0	0	APR 04 2002
2002-Jan-05	3:33	69	0.5	8.40	12.5	0	0	0	
2002-Jan-05	7:52	5	0.0	8.47	12.5	0	0	0	CONSERVATION DIVISION
2002-Jan-05	7:52	5	0.0	8.46	12.5	0	0	0	
2002-Jan-05	7:52								start 2nd stage
2002-Jan-05	7:53	5	0.0	8.46	12.5	0	0	0	
2002-Jan-05	7:54	5	0.0	8.45	12.5	0	0	0	
2002-Jan-05	7:55	5	0.0	8.45	12.5	0	0	0	ORIGINAL
2002-Jan-05	7:56	5	0.0	8.45	12.5	0	0	0	
2002-Jan-05	7:57	5	0.0	8.35	12.5	0	0	0	
2002-Jan-05	7:57								Start Pumping Spacer
2002-Jan-05	7:57	9	0.0	8.35	12.5	0	0	0	APC
2002-Jan-05	7:58	197	2.9	8.38	14.2	0	0	0	
2002-Jan-05	7:59	220	3.9	8.38	17.8	0	0	0	APR 2 2002
2002-Jan-05	8:00	41	0.1	8.72	18.1	0	0	0	
2002-Jan-05	8:00								CONFIDENTIAL
2002-Jan-05	8:00								End Spacer
2002-Jan-05	8:00								Start Mixing Lead Slurry
2002-Jan-05	8:00	37	0.1	8.82	18.1	0	0	0	
2002-Jan-05	8:00	32	0.1	9.02	18.1	0	0	0	
2002-Jan-05	8:00								Reset Total, Vol = 18.13 bbl
2002-Jan-05	8:00	46	0.0	9.11	0.0	0	0	0	
2002-Jan-05	8:01	32	0.0	9.49	0.0	0	0	0	
2002-Jan-05	8:02	206	3.9	12.50	2.7	0	0	0	CONFIDENTIAL
2002-Jan-05	8:03	206	3.9	12.40	6.6	0	0	0	
2002-Jan-05	8:04	160	3.9	12.32	10.5	0	0	0	
2002-Jan-05	8:05								End Tail Slurry
2002-Jan-05	8:05	156	3.9	13.50	11.6	0	0	0	
2002-Jan-05	8:05								Start Mixing Tail Slurry
2002-Jan-05	8:05	220	3.9	13.72	11.8	0	0	0	
2002-Jan-05	8:05								End Lead Slurry
2002-Jan-05	8:05								Reset Total, Vol = 12.42 bbl
2002-Jan-05	8:05	160	3.9	14.24	12.4	0	0	0	RELEASED
2002-Jan-05	8:05	279	3.9	15.15	2.2	0	0	0	
2002-Jan-05	8:06	233	3.9	14.90	6.1	0	0	0	
2002-Jan-05	8:07	279	3.9	15.03	10.0	0	0	0	MAY 15 2003
2002-Jan-05	8:08	261	3.9	14.59	13.9	0	0	0	
2002-Jan-05	8:09	334	3.9	15.30	17.9	0	0	0	FROM CONFIDENTIAL
2002-Jan-05	8:10	252	3.9	14.41	21.8	0	0	0	
2002-Jan-05	8:11								Drop Top Plug
2002-Jan-05	8:11	27	0.0	0.60	23.3	0	0	0	
2002-Jan-05	8:11								Start Displacement
2002-Jan-05	8:11	32	0.0	0.49	23.3	0	0	0	
2002-Jan-05	8:11	23	0.0	8.99	23.3	0	0	0	
2002-Jan-05	8:11	18	0.0	8.86	23.3	0	0	0	
2002-Jan-05	8:11								Reset Total, Vol = 23.34 bbl
2002-Jan-05	8:12	14	0.0	9.34	0.0	0	0	0	
2002-Jan-05	8:13	18	0.0	9.28	0.0	0	0	0	
2002-Jan-05	8:14	14	0.0	9.28	0.0	0	0	0	
2002-Jan-05	8:15	18	0.0	9.25	0.0	0	0	0	
2002-Jan-05	8:16	14	0.0	9.12	0.0	0	0	0	

ORIGINAL

Well		Field			Service Date		Customer			Job Number	
HJV Crocker #A-2					025-Jan-05		ANADARKO Petroleum Corporation			2205435277	
Date	Time	Treating Pressure	Flow Rate	Density	Volume	0	0	0	Message		
	24 hr clock	psi	bbbl/min	lb/gal	bbbl	0	0	0			
2002-Jan-05	8:17	14	0.0	9.05	0.0	0	0	0	CONFIDENTIAL		
2002-Jan-05	8:18	23	0.0	8.98	0.0	0	0	0			
2002-Jan-05	8:19	23	0.0	8.94	0.0	0	0	0			
2002-Jan-05	8:20	23	0.0	8.92	0.0	0	0	0			
2002-Jan-05	8:21	23	0.0	8.87	0.0	0	0	0			
2002-Jan-05	8:22	23	0.0	8.83	0.0	0	0	0			
2002-Jan-05	8:23	73	4.1	9.28	2.3	0	0	0			
2002-Jan-05	8:24	87	5.1	8.54	7.0	0	0	0			
2002-Jan-05	8:25	101	5.0	8.30	12.0	0	0	0			
2002-Jan-05	8:26	151	5.0	8.37	17.1	0	0	0			
2002-Jan-05	8:27	206	7.1	8.37	22.5	0	0	0			
2002-Jan-05	8:28	73	7.3	8.38	29.7	0	0	0			
2002-Jan-05	8:29	224	7.3	8.38	37.0	0	0	0			
2002-Jan-05	8:30	87	7.3	8.38	44.3	0	0	0			
2002-Jan-05	8:31	192	5.7	8.38	50.5	0	0	0			
2002-Jan-05	8:32	101	5.7	8.38	56.2	0	0	0			
2002-Jan-05	8:33	192	5.7	8.38	62.0	0	0	0			
2002-Jan-05	8:34	110	5.7	8.38	67.7	0	0	0			
2002-Jan-05	8:35	201	5.7	8.38	73.4	0	0	0			
2002-Jan-05	8:36	119	5.7	8.38	79.1	0	0	0			
2002-Jan-05	8:37	133	5.7	8.38	84.8	0	0	0			
2002-Jan-05	8:38	160	5.7	8.38	90.5	0	0	0			
2002-Jan-05	8:39	101	5.7	8.38	96.2	0	0	0			
2002-Jan-05	8:40	540	5.7	8.38	101.9	0	0	0			
2002-Jan-05	8:41	398	5.7	8.38	107.7	0	0	0			
2002-Jan-05	8:42	330	2.4	8.38	110.1	0	0	0			
2002-Jan-05	8:43	403	2.4	8.38	112.5	0	0	0			
2002-Jan-05	8:44	462	2.4	8.38	115.0	0	0	0			
2002-Jan-05	8:45	540	2.4	8.38	117.4	0	0	0			
2002-Jan-05	8:46	623	2.4	8.38	119.8	0	0	0			
2002-Jan-05	8:47	677	2.4	8.38	122.2	0	0	0			
2002-Jan-05	8:48	1053	0.0	8.38	123.1	0	0	0			
2002-Jan-05	8:49								Bump Top Plug		
2002-Jan-05	8:49	1053	0.0	8.38	123.1	0	0	0			
2002-Jan-05	8:50	119	0.0	8.38	123.1	0	0	0			
2002-Jan-05	8:51	650	1.4	8.38	123.4	0	0	0			
2002-Jan-05	8:52	1323	0.0	8.38	124.0	0	0	0			
2002-Jan-05	8:53	632	0.0	8.38	124.0	0	0	0			
2002-Jan-05	8:54	1607	0.0	8.38	124.2	0	0	0			
2002-Jan-05	8:55	1625	0.0	8.38	124.2	0	0	0			
2002-Jan-05	8:56	32	0.0	8.38	124.2	0	0	0			
2002-Jan-05	8:57	23	0.0	8.38	124.2	0	0	0			

CONFIDENTIAL

ORIGINAL

RECEIVED
KANSAS CORPORATION COMMISSION

APR 04 2002

CONSERVATION DIVISION
WICHITA, KS

KCC

APR 7 2002

CONFIDENTIAL

RELEASED

MAY 15 2003

FROM CONFIDENTIAL

ORIGINAL

Well HJV Crocker #A-2		Field		Service Date 025-Jan-05		Customer ANADARKO Petroleum Corporation		Job Number 2205435277	
Date	Time 24 hr clock	Treating Pressure psi	Flow Rate bbl/min	Density lb/gal	Volume bbl	0	0	0	Message
						0	0	0	
Post Job Summary									
Average Pump Rates, bpm				Volume of Fluid Injected, bbl					
Slurry	N2	Mud	Maximum Rate	Total Slurry	Mud	Spacer	N2		
3.9			7.5	73	126	6			
Treating Pressure Summary, psi					Breakdown Fluid				
Maximum	Final	Average	Bump Plug to	Breakdown	Type	Volume	Density		
3000	1500	240				bbl	lb/gal		
Avg. N2 Percent	Designed Slurry Volume		Displacement	Mix Water Temp	<input type="checkbox"/> Cement Circulated to Surface? Volume <input type="checkbox"/> Washed Thru Perfs To				
%	74 bbl		249 bbl	58 °F			70 bbl		
Customer or Authorized Representative			Dowell Supervisor			<input type="checkbox"/> Circulation Lost		<input type="checkbox"/> Job Completed	
Cross, Fred,			<i>Jose Camargo</i>			Camargo, Jose			

ORIGINAL

CONFIDENTIAL

KCC

APR 2 2002

CONFIDENTIAL

RECEIVED
KANSAS CORPORATION COMMISSION

APR 04 2002

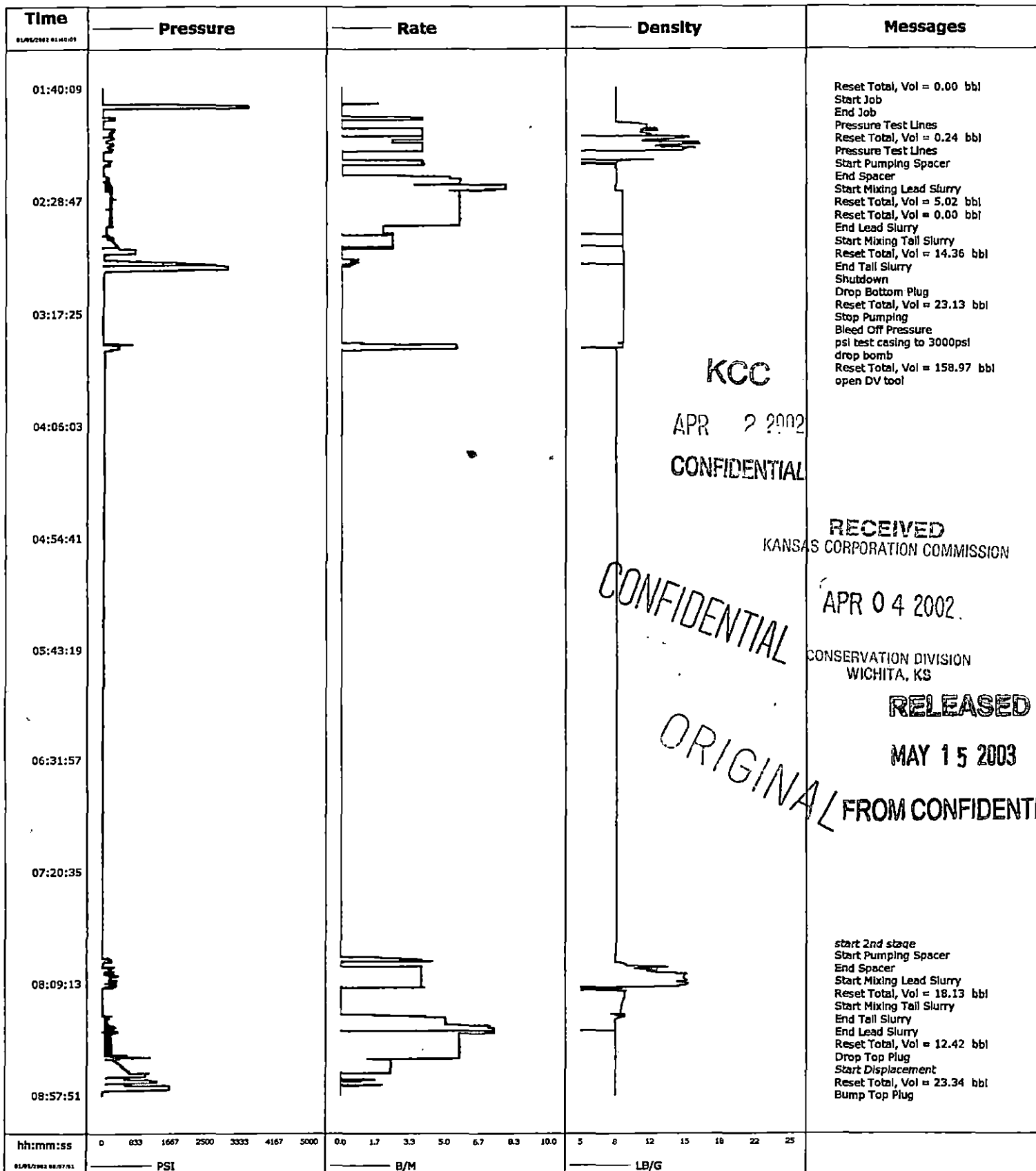
CONSERVATION DIVISION
WICHITA, KS

RELEASED

MAY 15 2003

FROM CONFIDENTIAL

Well	HJV Crocker A-2	Client	ANADARKO PETROLEUM CORP.
Field		SIR No.	
Engineer	Jose Camargo	Job Type	2 Stage Production
Country	United States	Job Date	01-04-2002



MATERIAL LOADING TICKET

Schlumberger

ORIGINAL

WHITE - Operator Driver (Permanent File) BLUE - Service Supervisor (District File) CANARY - District File

Dowell

PAGE 1 OF 1

AREA MCT	DISTRICT UKS	Operator	1/4/2002	TREATMENT# #220543527
TRUCK NO./MOTOR VESSEL NAME 2TRA05800	TRAILER NO. 2CTF09164	CUSTOMER APC	JOB LOCATION (PLANT OR FIELD)	WELL NAME OR JOB NAME HJV CROCKER A-2

SPECIAL INSTRUCTIONS

PLACARDS REQUIRED: TRUCK	TRAILER	PORTABLE TANKS
--------------------------	---------	----------------

HM	DOT SHIPPING DESCRIPTION (SHIPPING NAME, HAZARD CLASS, UN#, PACKAGE GROUP)	TOTAL WT./VOL	TYPE PACKAGE	NO OF PACKAGES	DOWELL CODE	QUANTITY RETURNED*
	Non Regulated	75 SKS	BULK	1	D903	
	Non Regulated	180 SKS	BULK	1	D909	

MCC
 APR 2 2002
 CONFIDENTIAL

RECEIVED
 KANSAS CORPORATION COMMISSION
 APR 04 2002
 CONSERVATION DIVISION
 WICHITA, KS

ORIGINAL
 CONFIDENTIAL

SYSTEM DESCRIPTION: **75 SKS CLASS C + .3% D046 + 3% D079 + .25 PPS D029 - LEAD - FRONT BOTTLE**

TANK	MATERIAL 1	MATERIAL 2	MATERIAL 3	MATERIAL 4	MATERIAL 5	MATERIAL 6	MATERIAL 7	MATERIAL 8	TOTAL VOLUME
CODE	CLASS C	D046	D079	D029					
FRONT	7120 LBS	21 LBS	200 LBS	25 LBS					

SYSTEM DESCRIPTION:

CODE								
CENTER								

SYSTEM DESCRIPTION: **180 SKS SELFSTRESS II + .25% D167 + .3% D046 + .25 PPS D029 - TAIL - BACK BOTTLE**

CODE	CLASS H	D065 ✓	D046	D167	D053 ✓	D029
BACK	17090 LBS	67 LBS	51 LBS	42 LBS	1700 LBS	50 LBS

SPECIAL SAFETY EQUIPMENT REQUIRED:

THIS IS TO CERTIFY THAT THE ABOVE NAMED MATERIALS ARE PROPERLY CLASSIFIED, DESCRIBED, PACKAGED, MARKED AND LABELED AND ARE IN PROPER CONDITION FOR TRANSPORTATION ACCORDING TO THE APPLICABLE REGULATIONS OF THE U.S. DEPARTMENT OF TRANSPORTATION OR LOADED TO THE SATISFACTION OF THE CAPTAIN.

CERTIFIED BY (SIGNATURE): **JUSTIN YOUNG**

*RETURN OPERATOR MUST SHOW QUANTITIES TO BE RETURNED AND PREPARE LOAD FOR RETURN TRIP.

LOAD DATE AND TIME: 1/4/2002	RETURN LOAD DATE: 5-2002	JOB SUPERVISOR: <i>[Signature]</i>	RETURN LOAD OPERATOR (SIGNATURE):
--	------------------------------------	---------------------------------------	-----------------------------------

IN CASE OF TRANSPORTATION EMERGENCY, CALL 281-595-3518

FROM CONFIDENTIAL
 MAY 15 2003
 RELEASED

ORIGINAL

Customer ANADARKO Petroleum Corporation			Person Taking Call Cambren, Charles			Dowell Location Ulysses, KS			Order Date 1/4/2002		Job Number 2205435277				
Well Name and Number HJV Crocker A-2				Legal Location			Field			County Grant		State/Province Kansas			
Rig Name Big A DRILLING 4				Well Age New		Sales Engineer Cambren, Charles				Job Type Cem Prod Casing					
Time Well Ready:		Deviation		Bit Size in		Well MD ft		Well TVD ft		BHP psi		BHST °F	BHCT °F		
Treat Down Casing		Packer Type None		Packer Depth ft		Wellhead Connection		HHP on Location		Max Allowed Pressure		Max Allowed Ann Pressure			
Casing					Services Instructions: Safely Cement Production Casing per customers request. APR 2 2002 RECEIVED KANSAS CORPORATION COMM. DIVISION CONFIDENTIAL APR 04 2002 EXTRA EQUIPMENT: 1 - 5 1/2 Dv tool 1 - 5 1/2 sure seal bull nose float shoe 1 - 5 1/2 sure seal float collar 15 - 5 1/2 centralizer CONSERVATION DIVISION WICHITA, KS										
Depth, ft		Size, in	Weight, lb/ft										Grade	Thread	
Tubing															
Depth,		Size, in	Weight, lb/ft		Grade	Thread									
Perforated Intervals															
Top, ft	Bottom, ft	apf	No. of Shots		Total Interval ft										

Contact	Voice	Mobile	FAX	Notes
Fred, Cross	620-544-6204	806-679-2585		
Rig 2 phone	620-391-1536			

RELEASED

Notes:
 5 1/2" production
 5 1/2 cement head
 5 1/2 top plug

MAY 15 2003
 FROM CONFIDENTIAL

Directions:
 From Ulysses go E On 160 to 190 - S on 190 5.5 - W into

Other Notes:
 When the plug is bumped on the 1 st Stage they want to pressure test the Casing to 3000 PSI

CONFIDENTIAL

Comments:

ORIGINAL

KCC

APR 2 2002

CONFIDENTIAL

Fluid Systems:

1 St Lead			
25 Sks D903 + .3% D046 + 1/4 lb/sk D029 + 3% D079			
Density:	11 lb/gal	Thickening Time:	
Yield:	3.19 ft ³ /sk	Viscosity:	cp
H2O Mix:	22.48 gal/sk	Break Time:	
H2O:	562 gal	Eq. Sack Weight:	94 lb
Dowell Code	Conc/ Amount	Total Quantity	
D029	0.25 lbs/sk	6.25	
D079	3 % BWOB	70.5	
D046	0.3 % BWOB	7.05	
D903	94 lbs/sk	2350	

2 St Lead			
25 Sks D903 + .3% D46 + 1/4 lb/sk D029 + 3% D079			
Density:	11 lb/gal	Thickening Time:	
Yield:	3.12 ft ³ /sk	Viscosity:	cp
H2O Mix:	22.48 gal/sk	Break Time:	
H2O:	562 gal	Eq. Sack Weight:	94 lb
Dowell Code	Conc/ Amount	Total Quantity	
D079	3 % BWOB	70.5	
D046	0.3 % BWOB	7.05	
D029	0.25 lbs/sk	6.25	
D903	94 lbs/sk	2350	

1 St Tail			
90 Sks Selfstress II + 0.25% D167 + 0.3% D046 + 1/4 lb/sk D029			
Density:	14.8 lb/gal	Thickening Time:	
Yield:	1.46 ft ³ /sk	Viscosity:	cp
H2O Mix:	6.8 gal/sk	Break Time:	
H2O:	612 gal	Eq. Sack Weight:	94 lb
Dowell Code	Conc/ Amount	Total Quantity	
D909	94 lbs/sk	8460	
D065	0.4 % BWOB	33.84	
D046	0.3 % BWOB	25.38	
D0167	0.25 % BWOB	21.15	
D029	0.25 lbs/sk	22.5	
D053	10 % BWOB	846	

2 St Tail			
90 Sks SelfStress II + 0.25% D167 + 1/4 LB/SK D029			
Density:	14.8 lb/gal	Thickening Time:	
Yield:	1.46 ft ³ /sk	Viscosity:	cp
H2O Mix:	6.8 gal/sk	Break Time:	
H2O:	612 gal	Eq. Sack Weight:	94 lb
Dowell Code	Conc/ Amount	Total Quantity	
D909	94 lbs/sk	8460	
D065	0.4 % BWOB	33.84	
D046	0.3 % BWOB	25.38	
D167	0.25 % BWOB	21.15	
D029	0.25 lbs/sk	22.5	
D053	10 % BWOB	846	

RELEASED

MAY 15 2003

FROM CONFIDENTIAL

RECEIVED
KANSAS CORPORATION COMMISSION

APR 04 2002

CONSERVATION DIVISION
WICHITA, KS