

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1
September 1999
Form Must Be Typed

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

ORIGINAL

Operator: License # 4549
Name: ANADARKO PETROLEUM CORPORATION
Address: 701 S. TAYLOR STREET, SUITE 400
City/State/Zip: AMARILLO, TEXAS 79101
Purchaser: NONE
Operator Contact Person: JOHN VIGIL
Phone: (806) 457-4600
Contractor: Name: MURFIN DRILLING CO., INC.
License: 30606

API No. 15 - 189-22425-00-00
County: STEVENS
S/2, N/2, NE, SE Sec. 28 Twp. 34 S. R. 37 East West
2100 feet from (S) N (circle one) Line of Section
660 feet from (E) W (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
(circle one) NE (SE) NW SW
Lease Name: HJV KNIER "A" Well #: 1
Field Name: WILDCAT

Wellsite Geologist: _____
Designate Type of Completion:
 New Well Re-Entry Workover
 Oil SWD SIOW Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, WSW, etc.)

Producing Formation: NONE
Elevation: Ground: 3137 Kelly Bushing: _____
Total Depth: 6900 Plug Back Total Depth: 0
Amount of Surface Pipe Set and Cemented at 1750 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set _____ Feet
If Alternate II completion, cement circulated from _____
feet depth to _____ w/ _____ sx cmt.

If Workover/Re-entry: Old Well Info as follows:
Operator: _____
Well Name: _____
Original Comp. Date: _____ Original Total Depth: _____
 Deepening Re-perf. Conv. to Enhr./SWD
 Plug Back _____ Plug Back Total Depth _____
 Commingled _____ Docket No. _____
 Dual Completion _____ Docket No. _____
 Other (SWD or Enhr.?) _____ Docket No. _____

Drilling Fluid Management Plan *PA'd on 3.26.03*
(Data must be collected from the Reserve Pit)
Chloride content 1000 ppm Fluid volume 700 bbls
Dewatering method used _____
Location of fluid disposal if hauled offsite: _____
Operator Name: _____
Lease Name: _____ License No.: _____
Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West
County: _____ Docket No.: _____

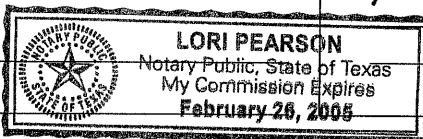
1-13-2003	1-24-2003	1-25-2003
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

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 of side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

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

Signature: L. Mans Hanney
Title: Eng. Tech III Date: 3-21-03
Subscribed and sworn to before me this 21 day of March,
2003

Notary Public: Lori Pearson
Date Commission Expires: 2/26/05



KCC Office Use ONLY

Letter of Confidentiality Attached
If Denied, Yes Date: _____

Wireline Log Received

Geologist Report Received

UIC Distribution

Operator Name: ANADARKO PETROLEUM CORPORATIO Lease Name: HJV KNIER "A" Well #: 1
 Sec. 28 Twp. 34 S. R. 37 East West County: STEVENS

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed. Attach copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (Attach Additional Sheets) Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Submit Copy) List All E. Logs Run: DIL, CNL-LDT, ML, SONIC.	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:70%;">Name</td> <td style="width:15%;">Top</td> <td style="width:15%;">Datum</td> </tr> <tr> <td>CHASE</td> <td>2642</td> <td></td> </tr> <tr> <td>COUNCIL GROVE</td> <td>3018</td> <td></td> </tr> <tr> <td>B/HEEBNER</td> <td>4315</td> <td></td> </tr> <tr> <td>MARMATON</td> <td>5189</td> <td></td> </tr> <tr> <td>MORROW</td> <td>6018</td> <td></td> </tr> <tr> <td>STE GENEVIEVE</td> <td>6660</td> <td></td> </tr> <tr> <td>ST LOUIS</td> <td>6736</td> <td></td> </tr> </table>	Name	Top	Datum	CHASE	2642		COUNCIL GROVE	3018		B/HEEBNER	4315		MARMATON	5189		MORROW	6018		STE GENEVIEVE	6660		ST LOUIS	6736	
Name	Top	Datum																							
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STE GENEVIEVE	6660																								
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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"	24.0	1750	C/C	435/100	3%D79,.2%D46, 1/4#/SK CF. 2%CC,1/4#/SK CF.

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

TUBING RECORD	Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No
Date of First, Resumed Production, SWD or Enhr.		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 <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <small>(If vented, Sumit ACO-18.)</small>	METHOD OF COMPLETION <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <input type="checkbox"/> Other (Specify) _____	Production Interval _____
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NONE - D&A.

CONFIDENTIAL

Schlumberger

Cementing Service Report

Release

ORIGINAL

Customer ANADARKO PETROLEUM CORPORATION	From Confidential	Job Number 2205541595
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Well HJV KNIER "A" 1	Location (legal) KCC	Schlumberger Location Perryton, TX	Job Start 2003-Jan-15	
Field	Formation Name/Type MAR 2 1 2003	Bit Size in	Well MD 1,750 ft	
County STEVENS	State/Province KANSAS	BHP psi	BHST °F	
Well Master: 0630449353	API / UWI:	BHCT °F	Pore Press. Gradient psi/ft	
Rig Name	Drilled For Oil & Gas	Service Via	Casing/Liner	
Offshore Zone	Well Class New	Well Type Development	Depth, ft 1759	Size, in 8.63
Drilling Fluid Type	Max. Density lb/gal	Plastic Viscosity cp	Weight, lb/ft 23	Grade
Service Line Cementing	Job Type Cem Surface Casing	Perforations/Open Hole		
Max. Allowed Tubing Pressure 1500 psi	Max. Allowed Ann. Pressure psi	Wellhead Connection 8 5/8 HS&M	Top, ft	Bottom, ft
Service Instructions CEMENT 8 5/8 SURFACE CASING WITH; 435 SKS CLASS C + 3% D79 + 0.25 PPS D29 + 0.2% D46 100 SKS CLASS C + 2% S1 + 0.25 PPS D29			spf	No. of Shots
			Total Interval ft	
			Treat Down Casing	Displacement 109.7 bbl
			Packer Type	Packer Depth ft
			Tubing Vol. bbl	OpenHole Vol bbl

Casing/Tubing Secured <input checked="" type="checkbox"/>	1 Hole Volume Circulated prior to Cementing <input checked="" type="checkbox"/>	Casing Tools		Squeeze Job	
Lift Pressure: 400 psi	Pipe Rotated <input type="checkbox"/>	Pipe Reciprocated <input type="checkbox"/>	Shoe Type: Guide	Squeeze Type	
No. Centralizers: 4	Top Plugs: 1	Bottom Plugs:	Shoe Depth: 1750 ft	Tool Type:	
Cement Head Type: Single	Job Scheduled For: 1/15/2003 3:00	Arrived on Location: 2003-Jan-15 3:00	Stage Tool Type:	Tool Depth: ft	
	Leave Location: 2003-Jan-15 9:30		Stage Tool Depth: ft	Tail Pipe Size: in	
			Collar Type: sure-seal	Tail Pipe Depth: ft	
			Collar Depth: 1714 ft	Sqz Total Vol: bbl	

Date	Time	Treating Pressure psi	Flow Rate bbl/min	Density lb/gal	Volume bbl	0	0	0	Message
2003-Jan-15	7:17	325	5.7	8.36	0.1	0	0	0	
2003-Jan-15	7:17	238	5.7	8.35	2.9	0	0	0	
2003-Jan-15	7:18	247	5.7	8.33	5.8	0	0	0	
2003-Jan-15	7:18	233	5.7	8.35	8.7	0	0	0	
2003-Jan-15	7:19	224	5.7	11.33	11.5	0	0	0	
2003-Jan-15	7:19	229	5.7	11.38	14.4	0	0	0	
2003-Jan-15	7:19								End Spacer
2003-Jan-15	7:19	238	5.7	10.92	16.1	0	0	0	
2003-Jan-15	7:19	220	5.7	10.96	16.4	0	0	0	
2003-Jan-15	7:19								Start Mixing Lead Slurry
2003-Jan-15	7:19								Reset Total, Vol = 16.55 bbl
2003-Jan-15	7:19	220	5.7	11.00	16.5	0	0	0	
2003-Jan-15	7:20	238	5.7	11.13	0.7	0	0	0	
2003-Jan-15	7:20	302	5.7	11.24	3.5	0	0	0	
2003-Jan-15	7:21	224	5.7	11.33	6.4	0	0	0	
2003-Jan-15	7:21	197	5.7	11.46	9.3	0	0	0	
2003-Jan-15	7:22	266	5.7	11.56	12.2	0	0	0	
2003-Jan-15	7:22	247	5.7	11.57	15.0	0	0	0	
2003-Jan-15	7:23	252	5.7	11.47	17.9	0	0	0	
2003-Jan-15	7:23	215	5.7	11.50	20.7	0	0	0	
2003-Jan-15	7:24	211	5.7	11.45	23.6	0	0	0	
2003-Jan-15	7:24	243	5.7	11.38	26.4	0	0	0	

RECEIVED KANSAS CORPORATION COMMISSION

MAR 24 2003

CONSERVATION DIVISION WICHITA, KS

CONFIDENTIAL

ORIGINAL

Well		Field			Service Date		Customer			Job Number	
HJV KNIER "A" #1					0315-Jan-15		ANADARKO PETROLEUM CORPORATION			2205541595	
Date	Time	Treating Pressure	Flow Rate	Density	Volume	0	0	0	Message		
	24 hr clock	psi	bbt/min	lb/gal	bbt	0	0	0			
2003-Jan-15	7:25	201	5.7	11.46	29.3	0	0	0			
2003-Jan-15	7:25	220	5.7	11.50	32.1	0	0	0			
2003-Jan-15	7:26	169	5.7	11.49	35.0	0	0	0			
2003-Jan-15	7:26	197	5.7	11.48	37.9	0	0	0			
2003-Jan-15	7:27	229	5.7	11.44	40.7	0	0	0			
2003-Jan-15	7:27	201	5.7	11.50	43.6	0	0	0			
2003-Jan-15	7:28	169	5.7	11.60	46.4	0	0	0			
2003-Jan-15	7:28	174	5.7	11.51	49.3	0	0	0			
2003-Jan-15	7:29	220	5.7	11.45	52.1	0	0	0			
2003-Jan-15	7:29	197	5.7	11.43	55.0	0	0	0			
2003-Jan-15	7:30	160	5.7	11.39	57.8	0	0	0			
2003-Jan-15	7:30	174	5.7	11.40	60.7	0	0	0			
2003-Jan-15	7:31	211	5.7	11.64	63.5	0	0	0			
2003-Jan-15	7:31	197	5.7	11.63	66.4	0	0	0			
2003-Jan-15	7:32	151	5.7	11.61	69.2	0	0	0			
2003-Jan-15	7:32	142	5.7	11.58	72.1	0	0	0			
2003-Jan-15	7:33	179	5.7	11.53	75.0	0	0	0			
2003-Jan-15	7:33	192	5.7	11.47	77.9	0	0	0			
2003-Jan-15	7:34	183	5.7	11.31	80.8	0	0	0			
2003-Jan-15	7:34	179	5.7	11.53	83.6	0	0	0			
2003-Jan-15	7:35	165	5.7	11.34	86.5	0	0	0			
2003-Jan-15	7:35	179	5.7	11.32	89.3	0	0	0			
2003-Jan-15	7:36	160	5.7	11.45	92.2	0	0	0			
2003-Jan-15	7:36	137	5.7	11.51	95.0	0	0	0			
2003-Jan-15	7:37	174	5.7	11.50	97.9	0	0	0			
2003-Jan-15	7:37	174	5.7	11.63	100.7	0	0	0			
2003-Jan-15	7:38	201	5.7	11.69	103.6	0	0	0			
2003-Jan-15	7:38	179	5.7	11.70	106.4	0	0	0			
2003-Jan-15	7:39	160	5.7	11.75	109.3	0	0	0			
2003-Jan-15	7:39	151	5.7	11.70	112.1	0	0	0			
2003-Jan-15	7:40	151	5.7	11.63	115.0	0	0	0			
2003-Jan-15	7:40	160	5.7	11.58	117.8	0	0	0			
2003-Jan-15	7:41	142	5.7	11.33	120.7	0	0	0			
2003-Jan-15	7:41	169	5.7	11.39	123.6	0	0	0			
2003-Jan-15	7:42	183	5.7	11.41	126.4	0	0	0			
2003-Jan-15	7:42	179	5.7	11.38	129.3	0	0	0			
2003-Jan-15	7:43	165	5.7	11.37	132.1	0	0	0			
2003-Jan-15	7:43	142	5.7	11.33	135.0	0	0	0			
2003-Jan-15	7:44	188	5.7	11.46	137.8	0	0	0			
2003-Jan-15	7:44	165	5.7	11.54	140.7	0	0	0			
2003-Jan-15	7:45	156	5.7	11.54	143.6	0	0	0			
2003-Jan-15	7:45	179	5.7	11.51	146.5	0	0	0			
2003-Jan-15	7:46	206	5.7	11.49	149.3	0	0	0			
2003-Jan-15	7:46	201	5.7	11.49	152.2	0	0	0			
2003-Jan-15	7:47	165	5.7	11.48	155.0	0	0	0			
2003-Jan-15	7:47	137	5.7	11.43	157.9	0	0	0			
2003-Jan-15	7:48	192	5.7	11.43	160.7	0	0	0			
2003-Jan-15	7:48	179	5.7	11.44	163.6	0	0	0			
2003-Jan-15	7:49	151	5.7	11.42	166.4	0	0	0			
2003-Jan-15	7:49	165	5.7	11.43	169.3	0	0	0			
2003-Jan-15	7:50	165	5.7	11.43	172.2	0	0	0			
2003-Jan-15	7:50	197	5.7	11.47	175.0	0	0	0			
2003-Jan-15	7:51	160	5.7	11.57	177.9	0	0	0			
2003-Jan-15	7:51	169	5.7	11.51	180.7	0	0	0			

KCC
MAR 21 2003
CONFIDENTIAL

RECEIVED
KANSAS CORPORATION COMMISSION

MAR 24 2003

CONSERVATION DIVISION
WICHITA, KS

Release
JAN 16 2003
From
Confidential

CONFIDENTIAL

ORIGINAL

Well		Field				Service Date		Customer			Job Number
HJV KNIER "A" #1						0315-Jan-15		ANADARKO PETROLEUM CORPORATION			2205541595
Date	Time	Treating Pressure	Flow Rate	Density	Volume	0	0	0	Message		
	24 hr clock	psi	bbl/min	lb/gal	bbl	0	0	0	KCC		
2003-Jan-15	7:52	188	5.7	11.37	183.6	0	0	0	MAR 21 2003		
2003-Jan-15	7:52	183	5.7	11.49	186.4	0	0	0			
2003-Jan-15	7:53	192	5.7	11.56	189.3	0	0	0	CONFIDENTIAL		
2003-Jan-15	7:53	169	5.7	11.46	192.1	0	0	0	RECEIVED		
2003-Jan-15	7:54	156	5.7	11.18	195.0	0	0	0	KANSAS CORPORATION COMMISSION		
2003-Jan-15	7:54	197	5.7	11.15	197.8	0	0	0			
2003-Jan-15	7:55	160	5.7	11.28	200.7	0	0	0	MAR 24 2003		
2003-Jan-15	7:55	169	5.7	11.68	203.5	0	0	0			
2003-Jan-15	7:56	179	5.7	11.68	206.4	0	0	0			
2003-Jan-15	7:56	197	5.7	11.50	209.3	0	0	0			
2003-Jan-15	7:57	201	5.7	11.37	212.2	0	0	0	CONSERVATION DIVISION		
2003-Jan-15	7:57	165	5.7	11.43	215.0	0	0	0	WICHITA, KS		
2003-Jan-15	7:58	165	5.7	11.44	217.9	0	0	0			
2003-Jan-15	7:58	133	5.7	11.23	220.8	0	0	0			
2003-Jan-15	7:59	179	5.7	12.06	223.6	0	0	0			
2003-Jan-15	7:59	211	5.7	12.85	225.6	0	0	0			
2003-Jan-15	7:59								End Lead Slurry		
2003-Jan-15	7:59	247	5.7	13.27	226.2	0	0	0			
2003-Jan-15	7:59								Start Mixing Lead Slurry		
2003-Jan-15	7:59								Start Mixing Tail Slurry		
2003-Jan-15	7:59	220	5.7	13.34	226.3	0	0	0			
2003-Jan-15	7:59								End Lead Slurry		
2003-Jan-15	7:59	229	5.7	13.46	226.5	0	0	0			
2003-Jan-15	8:00	211	5.7	14.76	229.3	0	0	0			
2003-Jan-15	8:00	307	5.7	14.97	232.2	0	0	0			
2003-Jan-15	8:01	279	5.7	14.90	235.0	0	0	0			
2003-Jan-15	8:01	279	5.7	14.88	237.9	0	0	0			
2003-Jan-15	8:02	206	5.7	14.91	240.7	0	0	0			
2003-Jan-15	8:02	252	5.7	14.97	243.6	0	0	0			
2003-Jan-15	8:03	293	5.7	14.90	246.4	0	0	0			
2003-Jan-15	8:03	50	0.0	11.21	247.6	0	0	0			
2003-Jan-15	8:03								End Tail Slurry		
2003-Jan-15	8:03	37	0.0	12.88	247.6	0	0	0			
2003-Jan-15	8:03								Reset Total, Vol = 247.56 bbl		
2003-Jan-15	8:03	32	0.0	12.91	0.0	0	0	0			
2003-Jan-15	8:03	32	0.0	12.98	0.0	0	0	0			
2003-Jan-15	8:03								Drop Top Plug		
2003-Jan-15	8:03								Start Displacement		
2003-Jan-15	8:03	32	0.0	13.01	0.0	0	0	0			
2003-Jan-15	8:04	23	0.0	13.46	0.0	0	0	0			
2003-Jan-15	8:04	23	0.0	13.48	0.0	0	0	0			
2003-Jan-15	8:05	18	0.0	13.56	0.0	0	0	0			
2003-Jan-15	8:05	18	0.0	13.60	0.0	0	0	0			
2003-Jan-15	8:06	18	0.0	13.58	0.0	0	0	0			
2003-Jan-15	8:06	18	0.0	13.58	0.0	0	0	0			
2003-Jan-15	8:07	60	2.0	14.32	0.1	0	0	0			
2003-Jan-15	8:07	192	4.0	14.40	1.8	0	0	0			
2003-Jan-15	8:08	133	6.6	2.11	4.8	0	0	0			
2003-Jan-15	8:08	146	6.6	8.34	8.2	0	0	0			
2003-Jan-15	8:09	137	6.6	8.27	11.5	0	0	0			
2003-Jan-15	8:09	142	6.6	8.22	14.8	0	0	0			
2003-Jan-15	8:10	179	6.6	8.22	18.1	0	0	0			
2003-Jan-15	8:10	183	6.6	8.16	21.4	0	0	0			
2003-Jan-15	8:11	183	6.6	8.08	24.7	0	0	0			

Release
JAN 18 2003
From
Confidential

CONFIDENTIAL

ORIGINAL

Well		Field				Service Date		Customer		Job Number	
HJV KNIER "A" #1						0315-Jan-15		ANADARKO PETROLEUM CORPORATION		2205541595	
Date	Time	Treating Pressure	Flow Rate	Density	Volume	0	0	0	Message		
	24 hr clock	psi	bbbl/min	lb/gal	bbbl	0	0	0	KCC		
2003-Jan-15	8:11	160	6.6	8.21	28.0	0	0	0	MAR 2 1 2003		
2003-Jan-15	8:12	238	6.6	8.22	31.3	0	0	0			
2003-Jan-15	8:12	366	6.6	8.23	34.6	0	0	0			
2003-Jan-15	8:13	371	6.6	8.24	37.9	0	0	0	CONFIDENTIAL		
2003-Jan-15	8:13	160	5.7	8.22	40.9	0	0	0			
2003-Jan-15	8:14	197	5.7	8.18	43.8	0	0	0			
2003-Jan-15	8:14	224	5.7	8.25	46.6	0	0	0			
2003-Jan-15	8:15	142	5.7	8.25	49.5	0	0	0			
2003-Jan-15	8:15	183	5.7	8.23	52.3	0	0	0			
2003-Jan-15	8:16	320	5.7	8.18	55.2	0	0	0			
2003-Jan-15	8:16	316	5.7	8.25	58.1	0	0	0			
2003-Jan-15	8:17	233	5.7	8.25	60.9	0	0	0			
2003-Jan-15	8:17	151	5.7	8.23	63.8	0	0	0			
2003-Jan-15	8:18	311	5.7	8.22	66.6	0	0	0			
2003-Jan-15	8:18	320	5.7	8.17	69.5	0	0	0			
2003-Jan-15	8:19	247	5.7	8.22	72.3	0	0	0			
2003-Jan-15	8:19	133	5.7	8.25	75.3	0	0	0	RECEIVED		
2003-Jan-15	8:20	188	5.7	8.26	78.1	0	0	0	KANSAS CORPORATION COMMISSION		
2003-Jan-15	8:20	316	5.7	8.25	81.0	0	0	0			
2003-Jan-15	8:21	330	5.7	8.22	83.8	0	0	0	MAR 2 4 2003		
2003-Jan-15	8:21	156	5.7	8.18	86.7	0	0	0			
2003-Jan-15	8:22	302	5.7	8.10	89.5	0	0	0			
2003-Jan-15	8:22	307	5.7	8.11	92.4	0	0	0	CONSERVATION DIVISION		
2003-Jan-15	8:23	302	5.7	8.16	95.2	0	0	0	WICHITA, KS		
2003-Jan-15	8:23	311	5.7	8.23	98.1	0	0	0			
2003-Jan-15	8:24	352	5.7	8.25	100.9	0	0	0			
2003-Jan-15	8:24	375	5.7	8.37	103.8	0	0	0			
2003-Jan-15	8:25	714	5.7	8.38	106.7	0	0	0			
2003-Jan-15	8:25	778	5.7	8.38	109.5	0	0	0			
2003-Jan-15	8:26	366	5.7	8.38	112.4	0	0	0			
2003-Jan-15	8:26	316	2.5	8.38	114.5	0	0	0			
2003-Jan-15	8:27	320	2.5	8.38	115.7	0	0	0			
2003-Jan-15	8:27	334	2.5	8.38	117.0	0	0	0			
2003-Jan-15	8:28	334	2.5	8.38	118.2	0	0	0			
2003-Jan-15	8:28	357	2.5	8.38	119.4	0	0	0			
2003-Jan-15	8:29	389	2.5	8.38	120.7	0	0	0			
2003-Jan-15	8:29	389	2.5	8.38	121.9	0	0	0			
2003-Jan-15	8:30	366	2.5	8.38	123.2	0	0	0			
2003-Jan-15	8:30	366	2.5	8.38	124.4	0	0	0			
2003-Jan-15	8:31	394	2.5	8.38	125.7	0	0	0			
2003-Jan-15	8:31	334	0.2	8.17	126.4	0	0	0			
2003-Jan-15	8:32	320	0.2	8.18	126.5	0	0	0			
2003-Jan-15	8:32	714	2.1	8.27	127.1	0	0	0	Release		
2003-Jan-15	8:33	1021	0.0	8.38	127.3	0	0	0	JAN 1 8 2005		
2003-Jan-15	8:33	1016	0.0	8.38	127.3	0	0	0	From		
2003-Jan-15	8:34	618	0.0	8.38	127.3	0	0	0	Confidential		
2003-Jan-15	8:34	27	0.0	8.38	127.3	0	0	0			
2003-Jan-15	8:35	23	0.0	8.38	127.3	0	0	0			
2003-Jan-15	8:35								End Displacement		
2003-Jan-15	8:35	23	0.0	8.38	127.3	0	0	0			
2003-Jan-15	8:35								Bump Top Plug		

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Well HJV KNIER "A" #1		Field		Service Date 0315-Jan-15		Customer ANADARKO PETROLEUM CORPORATION		Job Number 2205541595	
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		
4			6	246		10			
Treating Pressure Summary, psi					Breakdown Fluid				
Maximum	Final	Average	Bump Plug to	Breakdown	Volume	Density			
			1000		bbl	lb/gal			
Avg. N2 Percent	Designed Slurry Volume	Displacement	Mix Water Temp	<input checked="" type="checkbox"/> Cement Circulated to Surface?		Volume			
%	246 bbl	110.4 bbl	°F	<input type="checkbox"/> Washed Thru Perfs		To			
Customer or Authorized Representative REP, ANADARKO			Schlumberger Supervisor Ahrends, Timothy			<input type="checkbox"/> Circulation Lost		<input checked="" type="checkbox"/> Job Completed	

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CONSERVATION DIVISION
WICHITA, KS

Release
JAN 18 2005
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HALLIBURTON JOB SUMMARY

SALES ORDER NUMBER 2252050	TICKET DATE 01/25/03
BDA / STATE MC/Ks	COUNTY STEVENS
PSL DEPARTMENT CEMENT	CUSTOMER REP / PHONE KENNY PARKS 1-806-679-0164
API/UWI #	SAP BOMB NUMBER 7528
HES FACILITY (CLOSEST TO WELL SITE) LIBERAL, KS	

REGION Central Operations	NWA / COUNTRY Mid Continent/USA
MBU ID / EMPL # MCL10101 212723	H.E.S EMPLOYEE NAME JERRAKO EVANS
LOCATION LIBERAL, KS	COMPANY ANADARKO PETROLEUM CORPORA
TICKET AMOUNT \$6,749.18	WELL TYPE OIL
WELL LOCATION HUGOTON, KS	DEPARTMENT CEMENT
LEASE NAME HJV KNIER	Well No. A-1
	SEC / TWP / RNG 28 - 34S - 37W

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HES EMP NAME / EMP # / (EXPOSURE HOURS)	HR	HR	HR	HR
Evans, J 212723	3.5			
King, K 105942	3.5			
Lemieux, M 266675	3.5			
Kelly, C 259395	3.5			

H.E.S. UNIT #S / (R / T MILES)	R / T MILES	R / T MILES	R / T MILES	R / T MILES
10415642	50			
10251401	50			
54029-77031	5			

Form. Name _____ Type: _____
 Form. Thickness _____ From _____ To _____
 Packer Type _____ Set At _____
 Bottom Hole Temp. _____ Pressure _____
 Retainer Depth _____ Total Depth _____

Date	Called Out	On Location	Job Started	Job Completed
	1/25/2003	1/25/2003	1/25/2003	1/25/2003
Time	0300	0730	0730	1100

Type and Size	Qty	Make
Float Collar		HOWCO
Float Shoe		
Centralizers		
Top Plug		
HEAD		
Limit clamp		
Weld-A		
Guide Shoe		
BTM PLUG		

	New/Used	Weight	Size	Grade	From	To	Max. Allow
Casing							
Liner							
Liner							
Tubing			4 1/2 DP		KB	3,450	
Drill Pipe							
Open Hole			7 7/8		KB	3,450	Shots/Ft.
Perforations							
Perforations							
Perforations							

Materials			
Mud Type	Density	Lb/Gal	
Disp. Fluid	Density	Lb/Gal	
Prop. Type	Size	Lb	
Prop. Type	Size	Lb	
Acid Type	Gal.	%	
Acid Type	Gal.	%	
Surfactant	Gal.	In	
NE Agent	Gal.	In	
Fluid Loss	Gal/Lb	In	
Gelling Agent	Gal/Lb	In	
Fric. Red.	Gal/Lb	In	
Breaker	Gal/Lb	In	
Blocking Agent	Gal/Lb		
Perfpac Balls	Qty.		
Other			
Other			
Other			
Other			
Other			

Hours On Location		Operating Hours		Description of Job
Date	Hours	Date	Hours	
1/25	3.5	1/25	2.0	Plug to Abandon
Total	3.5	Total	2.0	

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Ordered	Hydraulic Horsepower Avail.	Used
Treating	Average Rates in BPM	Overall
	Disp.	
Feet	Cement Left in Pipe	Reason
		SHOE JOINT

Cement Data				Additives			W/Rq.	Yield	Lbs/Gal
Stage	Sacks	Cement	Bulk/Sks						
1	100	40/60 POZ H		6% GEL	PLUG @ 3450 FT		7.59	1.53	13.50
2	50	40/60 POZ H		6% GEL	PLUG @ 1780 FT		7.59	1.53	13.50
3	40	40/60 POZ H		6% GEL	PLUG @ 750 FT		7.59	1.53	13.50
4	10	40/60 POZ H		6% GEL	PLUG @ 40 FT		7.59	1.53	13.50

Summary					
Circulating Breakdown	Displacement	MAXIMUM	Preflush:	BBI	Type:
Lost Returns-y	Lost Returns-y		Load & Bkdn:	Gal - BBI	Pad:Bbl -Gal
Cmt Rtrn#Bbl	Actual TOC		Excess /Return	BBI	Calc.Disp Bbl
Average	Frac. Gradient		Calc. TOC:		Actual Disp.
Shut In: Instant	5 Min.	15 Min.	Treatment:	Gal - BBI	Disp:Bbl
			Cement Slurry	BBI	
			Total Volume	BBI	

Frac Ring #1	Frac Ring #2	Frac Ring #3	Frac Ring #4
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THE INFORMATION STATED HEREIN IS CORRECT
 CUSTOMER REPRESENTATIVE _____

SIGNATURE _____

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HALLIBURTON JOB LOG				TICKET # 2252050	TICKET DATE 01/25/03
REGION Central Operations		NWA / COUNTRY Mid Continent/USA		BDA / STATE MC/Ks	COUNTY STEVENS
MBU ID / EML # MCL10101 212723		H.E.S EMPLOYEE NAME JERRAKO EVANS		PSL DEPARTMENT CEMENT	
LOCATION LIBERAL, KS		COMPANY ANADARKO PETROLEUM CORPO		CUSTOMER REP / PHONE KENNY PARKS 1-806-679-0164	
TICKET AMOUNT \$6,749.18		WELL TYPE OIL		API/UWI #	
WELL LOCATION HUGOTON, KS		DEPARTMENT CEMENT		JOB PURPOSE CODE Plug to Abandon	
LEASE NAME HJV KNIER	Well No. A-1	SEC / TWP / RNG 28 - 34S - 37W		HES FACILITY (CLOSEST TO WELL S) LIBERAL, KS	

HES EMP NAME/EMP # (EXPOSURE HOURS)	HRS	HES EMP NAME/EMP # (EXPOSURE HOURS)	HRS	HES EMP NAME/EMP # (EXPOSURE HOURS)	HRS	HES EMP NAME/EMP # (EXPOSURE HOURS)	HRS
Evans, J 212723	3.5						
King, K 105942	3.5						
Lemieux, M 266575	3.5						
Kelly, C 259395	3.5						

Chart No.	Time	Rate (BPM)	Volume (BBL)(GAL)	Rate			Press. (PSI)			Job Description / Remarks
				N2	CSG	Tbg	N2	CSG	Tbg	
	0730									JOB READY
	0300									CALLED OUT FOR JOB
	0500									PRE-TRIP SAFETY MEETING
	0530									PUMP TRUCK ON LOCATION/ JOB SITE ASSESMENT
	0545									RIG UP TRUCKS
										RIG PULLING DP
	0731							3000		TEST LINES
										1ST PLUG @ 3450 FT
	0735	6.0	27.2					0-300		START MIXING CMT @ 13.5#
	0739	7.0	42.0					250		START DISP WITH MUD
	0746									SHUT DOWN START PULLING DP
										2ND PLUG @ 1780 FT
	0901	5.5	13.6					0-100		START MIXING CMT @ 13.5#
	0904	7.0	21.0					100		START DISP WITH MUD
	0906									SHUT DOWN START PULLING DP
										3RD PLUG @ 750 FT
	0948	4.5	10.9					0-50		START MIXING CMT @ 13.5#
	0950	4.5	8.0					50		START DISP WITH MUD
	0952									SHUT DOWN START PULLING DP
										4TH PLUG @ 40 FT
										START MIXING CMT @ 13.5#
	1045	2.0	2.7							PUMP PLUG CMT
	1050	2.0	6.8							PUMP RAT & MOUSE CMT
	1100									END JOB

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THANKS FOR CALLING HALLIBURTON
JERRAKO & CREW

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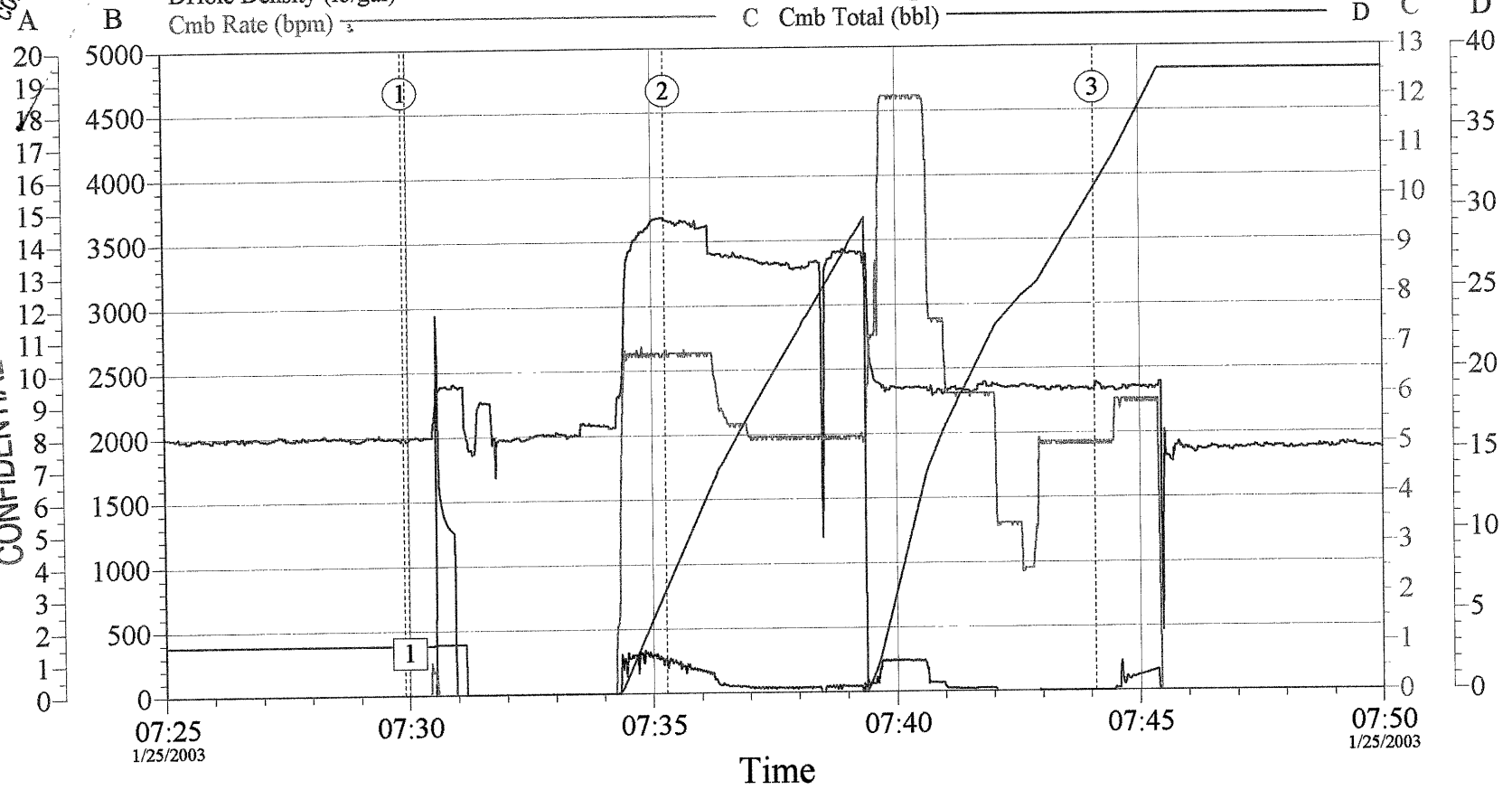
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ANADARKO PETRO CORP 1ST PLUG

DHole Density (lb/gal) _____ A PS Pressure (psi) _____ B
Cmb Rate (bpm) _____ C Cmb Total (bbl) _____ D C D



① Start Job 07:29:54 ② Pump Cement 07:35:17 ③ Pump Displacement 07:44:05

Customer: ANADARKO PETRO CORP	Job Date: 1-25-03	Ticket #: 2252050
Well Description: PTA	UWI:	

HALLIBURTON
CemWin v1.4.0
25-Jan-03 07:52

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