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ORIGINAL

FORM MUST BE TYPED

SEP 04 2001

SIDE ONE

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

API NO. 15- 175-21843-00-00  
County SEWARD  
SW NW Sec. 2 Twp. 34S Rge. 33 E/W

Operator: License # 4549

1980 Feet from NX (circle one) Line of Section

Name: ANADARKO PETROLEUM CORPORATION

660 Feet from XN (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 FITZGERALD "C" Well # 1

Purchaser: NONE-D&A

Field Name CONDIT.

Operator Contact Person: JOHN VIGIL

Producing Formation NONE-D&A

Phone (806) 457-4600

Elevation: Ground 2802 KB

Contractor: Name: BIG "A" DRILLING

Total Depth 6600 PBDT 4450

License: 31572

Amount of Surface Pipe Set and Cemented at 1631 Feet

Wellsite Geologist: JEFF ZOLLER

Multiple Stage Cementing Collar Used? X Yes      No

Designate Type of Completion  
X New Well      Re-Entry      Workover

If yes, show depth set 3143 Feet

     Oil      SWD      SIOW      Temp. Abd.

If Alternate II completion, cement circulated from

     Gas      ENHR      SIGW

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

feet depth to      w/      sx cmt.

If Workover:

Drilling Fluid Management Plan D&A 9/7 6/21/02  
(Data must be collected from the Reserve Pit)

Operator:     

Chloride content 1200 ppm Fluid volume 700 bbls

Well Name:     

Dewatering method used DRY, BACKFILL & RESTORE LOCATION.

Comp. Date      Old Total Depth     

Location of fluid disposal if hauled 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.     

     Quarter      Sec.      Twp.      S Rng.      E/W

5/1/2001 5/13/2001 6/19/2001  
Spud Date Date Reached TD Completion Date

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 8-29-01

Subscribed and sworn to before me this 29 day of August  
01.

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

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)



X

Operator Name ANADARKO PETROLEUM CORPORATION Lease Name FITZGERALD "C" Well # 1

Sec. 2 Twp. 34S Rge. 33  
 East  
 West

County SEWARD

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface during test. Attach extra sheet if more space is needed. Attach copy of log.

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

List All E.Logs Run: CBL, DIL, CNL-LDT-ML, SONIC.

<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datums <input type="checkbox"/> Sample		
Name	Top	Datum
CHASE	2592	
COUNCIL GROVE	2974	
HEEBNER	4278	
TORONTO	4312	
LANSING	4436	
KANSAS CITY	4890	
MARMATON	5148	
CHEROKEE	5334	
MORROW	5700	
CHESTER	5922	
STE. GENEVIEVE	6243	
ST. LOUIS	6348	

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"	23.0	1631	PREM PLUS/ PREM PLUS.	300/100	3%CC, .1%FWCA, 1/2#/SK FC/2%CC, 1/2#/SK FC.
PRODUCTION	7-7/8"	5-1/2"	15.5	5140	CLASS C/ SELFSTRESS.	25/188	3%D79, .2%D46, 1/2#/SK D29/.25%D167, .5%D65, .2%D46, 1/2#/SKD29.
			DV TOOL @	3143	(STAGE 2) CLASS C/ CLASS C.	42/188	3%D79, .2%D46, 1/2#/SK D29/2%S1, 1/2#/SK D29.

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
4	5012-15, 5018-26, CIBP @ 4990.	ACID: 1100 GAL 15% HCL.	5012-26 (OA)
4	4952-56, CIBP @ 4900.		
4	4724-40, CIBP @ 4600.	ACID: 1600 GAL 15% HCL.	4724-40
4	4496-4506, CIBP @ 4450.		
4	4314-30.		

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

Date of First, Resumed Production, SWD or Inj. D&A Producing Method  Flowing  Pumping  Gas Lift  Other (Explain)

Estimated Production Per 24 Hours	Oil <u>N/A</u> Bbls.	Gas <u>N/A</u> Mcf	Water <u>N/A</u> Bbls.	Gas-Oil Ratio	Gravity

Disposition of Gas:  Vented  Sold  Used on Lease (If vented, submit ACO-18.) METHOD OF COMPLETION  Open Hole  Perf.  Dually Comp.  Commingled  Other (Specify) \_\_\_\_\_ Production Interval NONE-D&A

Customer	Job Number
ANADARKO PETROLEUM CORPORATION	20215175

Well <b>FITZGERALD C-1</b>		Location (logal) SEC 2-34S-33W		Dowell Location Ulysses, KS		Job Start 5/2/01	
Field CONDIT		Formation Name/Type		Deviation 0 °	Bit Size 12.3 in	Well MD 1,631 ft	Well TVD 1,631 ft
County SEWARD		State/Province KANSAS		BHP 0 psi	BHST 96 °F	BHCT 80 °F	Pore Press. Gradient 0 psi/ft
Rig Name BIG A DRILLING 2	Drilled For Oil & Gas	Service Via Land		Casing/Liner			
Offshore Zone	Well Class New	Well Type Development		Depth, ft 1631	Size, in 8.63	Weight, lb/ft 23	Grade 0
Drilling Fluid Type Pre Mix	Max. Density 9.9 lb/gal	Plastic Viscosity 4 cp		Tubing/Drill Pipe			
Service Line Cementing	Job Type Cem Surface Casing		Depth, ft 0	Size, in 0	Weight, lb/ft 0	Grade 0	Thread 0
Max. Allowed Tubing Pressure 500 psi	Max. Allowed Ann. Pressure 0 psi	Wellhead Connection Single cement head		Perforations/Open Hole			
Service Instructions Cement surface casing at 1650 with 375 sks of lead and 100 sks of tail-				Top, ft 0	Bottom, ft 0	spf 0	No. of Shots 0
				Total Interval 0 ft	Diameter 0 in		
Treat Down Casing	Displacement 102.2 bbl	Packer Type	Packer Depth 0 ft	Tubing Vol. 0 bbl	Casing Vol. 103.7 bbl	Annular Vol. 119.8 bbl	Open Hole Vol. 0 bbl
Casing/Tubing Secured <input checked="" type="checkbox"/>		1 Hole Volume Circulated prior to Cementing <input type="checkbox"/>		Casing Tools		Squeeze Job	
Lift Pressure: 550 psi		Pipe Rotated <input type="checkbox"/>		Pipe Reciprocated <input type="checkbox"/>		Shoe Type: Other	Squeeze Type
No. Centralizers: 5		Top Plugs: 1	Bottom Plugs: 0		Shoe Depth: 1631 ft	Tool Type:	
Cement Head Type: Single		Job Scheduled For: 5/2/01 11:30		Leave Location: 5/3/01 4:00		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: 1604 ft	Sqz Total Vol: 0 bbl
Time	CumVol	Density	Flowrate	Pressure U1	Reset Vol	Message	
24 hr clock	bbl	ppg	bpm	psi	bbl		
18:00	0	0	0	0	0	START ACQUISITION	
18:00	0	-6.25	0	-3800	0		
18:01	0	-6.25	0	-3800	0	Pressure Test Lines	
18:01	0.016	8.31	0	4.58	0.016		
18:02	0.412	7.98	0.579	673.1	0.412		
18:03	0.447	7.98	0	558.6	0.447		
18:03	0.447	7.98	0	558.6	0.447	Reset Volume	
18:03	0.447	7.98	0	558.6	0.447	[CumVol]=.4488 bbl	
18:03	0.447	7.98	0	558.6	0.447	Start Pumping Water	
18:04	0.001	7.98	0	22.89	0.45		
18:05	0.228	7.99	3.46	68.68	0.677		
18:06	4.13	7.96	3.92	68.68	4.58		
18:07	7.97	7.96	3.74	68.68	8.42		
18:08	7.97	7.96	3.74	68.68	8.42	Reset Volume	
18:08	7.97	7.96	3.74	68.68	8.42	[CumVol]=10.01 bbl	
18:08	7.97	7.96	3.74	68.68	8.42	Start Mixing Lead Slurry	
18:08	1.55	7.98	3.54	64.1	12.06		
18:09	4.96	8.86	2.72	68.68	15.48		
18:10	8.68	11.58	3.68	87	19.2		
18:11	12.45	10.76	3.8	87	22.96		
18:12	16.32	11.09	3.92	82.42	26.83		
18:13	20.33	11.08	4.06	82.42	30.84		

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KCC WICHITA

Well		Field				Service Date		Customer	Job Number
FITZGERALD #C-1		CONDIT						ARKO PETROLEUM CORP	20215175
Time	CumVol	Density	Flowrate	Pressure U1	Reset Vol			Message	
24 hr clock	bbf	ppg	bpm	psi	bbf				
18:14	24.49	11.41	4.22	91.58	35.	0	0		
18:15	29.44	11.31	5.25	155.7	39.95	0	0		
18:16	34.73	11.41	5.23	96.15	45.25	0	0		
18:17	39.98	11.6	5.19	100.7	50.49	0	0		
18:18	45.34	11.22	5.07	151.1	55.86	0	0		
18:19	50.61	11.2	5.01	87.	61.12	0	0		
18:20	55.79	11.2	5.41	132.8	66.3	0	0		
18:21	60.54	11.16	4.54	82.42	71.05	0	0		
18:22	65.1	11.26	4.52	77.84	75.61	0	0		
18:23	70.27	11.5	5.41	82.42	80.78	0	0		
18:24	75.42	11.5	5.93	119.	85.93	0	0		
18:25	80.56	11.82	4.74	123.6	91.08	0	0		
18:26	85.17	11.87	4.92	87.	95.69	0	0		
18:27	90.19	11.74	4.92	119.	100.7	0	0		
18:28	95.65	11.44	5.91	123.6	106.2	0	0		
18:29	101.6	11.65	5.07	96.15	112.1	0	0		
18:30	106.9	11.57	4.54	91.58	117.4	0	0		
18:31	111.8	11.75	4.56	96.15	122.3	0	0		
18:32	117.1	11.51	4.72	96.15	127.6	0	0		
18:33	122.9	11.71	5.73	128.2	133.4	0	0		
18:34	128.8	11.64	5.67	128.2	139.3	0	0		
18:35	134.5	11.62	5.73	119.	145.	0	0		
18:36	140.2	11.53	5.57	123.6	150.7	0	0		
18:37	145.7	11.66	5.73	119.	156.2	0	0		
18:38	151.2	11.64	5.55	114.5	161.7	0	0		
18:39	157.	11.43	5.81	123.6	167.5	0	0		
18:40	162.	11.51	4.68	96.15	172.6	0	0		
18:41	166.9	11.43	5.57	114.5	177.4	0	0		
18:42	172.4	11.48	5.39	146.5	182.9	0	0		
18:43	177.5	11.52	4.54	87.	188.	0	0		
18:44	177.5	11.52	4.54	87.	188.	0	0	[CumVol]=180 bbl	
18:44	177.5	11.52	4.54	87.	188.	0	0	Reset Volume	
18:44	177.5	11.52	4.54	87.	188.	0	0	Start Mixing Tail Slurry	
18:44	1.87	12.11	4.36	82.42	192.5	0	0		
18:45	6.02	14.39	4.34	96.15	196.6	0	0		
18:46	10.87	15.06	5.71	192.3	201.5	0	0		
18:47	16.46	14.71	5.23	178.6	207.1	0	0		
18:48	21.83	14.73	4.94	183.2	212.4	0	0		
18:49	21.83	14.73	4.94	183.2	212.4	0	0	Reset Volume	
18:49	21.83	14.73	4.94	183.2	212.4	0	0	[CumVol]=23.56 bbl	
18:49	21.83	14.73	4.94	183.2	212.4	0	0	Drop Top Plug	
18:49	21.83	14.73	4.94	183.2	212.4	0	0	Start Displacement	
18:49	0.26	4.04	0.	18.32	214.4	0	0		
18:50	0.265	12.42	0.	13.74	214.4	0	0		
18:51	4.84	10.58	5.23	91.58	219.	0	0		
18:52	10.54	8.	5.51	73.26	224.7	0	0		
18:53	16.12	8.55	5.33	73.26	230.3	0	0		
18:54	21.69	8.01	7.05	73.26	235.9	0	0		
18:55	27.28	8.04	5.47	73.26	241.4	0	0		
18:56	32.79	8.	5.41	73.26	247.	0	0		
18:57	38.06	7.98	5.01	73.26	252.2	0	0		
18:58	42.74	7.97	4.26	73.26	256.9	0	0		
18:59	46.75	7.97	3.54	73.26	260.9	0	0		
19:00	50.37	7.97	4.18	100.7	264.5	0	0		

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KCC WICHITA

Well		Field				Service Date		Customer		Job Number
FITZGERALD #C-1		CONDIT						ARKO PETROLEUM CORPC		20215175
Time	CumVol	Density	Flowrate	Pressure Uf	Reset Vol			Message		
24 hr clock	bbbl	ppg	bpm	psi	bbbl					
19:01	54.57	7.97	4.12	119.	268.7	0	0			
19:02	58.59	7.97	4.32	114.5	272.8	0	0			
19:03	62.9	7.97	4.24	128.2	277.1	0	0			
19:04	67.14	7.97	4.16	146.5	281.3	0	0			
19:05	71.23	7.97	4.02	160.3	285.4	0	0			
19:06	75.19	7.97	3.82	164.8	289.4	0	0			
19:07	78.97	7.97	3.62	151.1	293.1	0	0			
19:08	82.58	7.97	3.34	192.3	296.7	0	0			
19:09	86.05	7.97	3.52	535.7	300.2	0	0			
19:10	89.69	7.97	3.56	224.4	303.9	0	0			
19:11	93.17	7.97	3.38	595.2	307.3	0	0			
19:12	96.01	7.97	2.1	256.4	310.2	0	0			
19:13	98.06	7.97	2.06	288.5	312.2	0	0			
19:14	99.97	7.97	2.	297.6	314.1	0	0			
19:15	101.9	7.97	1.98	265.6	316.	0	0			
19:16	103.8	7.97	1.78	265.6	317.9	0	0			
19:17	105.7	7.97	1.98	274.7	319.8	0	0			
19:18	107.3	7.97	1.62	311.4	321.4	0	0			
19:19	107.6	8.01	0.	274.7	321.8	0	0			
19:20	108.7	7.97	1.38	320.5	322.9	0	0			
19:21	108.8	7.97	0.	279.3	322.9	0	0			
19:22	108.8	7.97	0.	274.7	322.9	0	0			
19:23	108.8	7.97	0.	274.7	322.9	0	0			
19:23	108.8	7.97	0.	274.7	322.9	0	0	Bleed Off Pressure		
19:24	108.8	7.97	0.	9.16	322.9	0	0			
19:25	108.8	7.97	0.	9.16	322.9	0	0	pumped 103.2 bbls		
19:25	108.8	7.97	0.	9.16	322.9	0	0			
19:26	108.8	7.97	0.	9.16	322.9	0	0	did not land plug		
19:26	108.8	7.97	0.	9.16	322.9	0	0	STOP ACQUISITION		
19:28	108.8	-6.25	0.	-3800	322.9	0	0	START ACQUISITION		
19:28	108.8	-6.25	0.	-3800	322.9	0	0			
19:28	108.8	-6.25	0.	-3800	322.9	0	0	pump 1 bbl		
19:29	108.8	8.	0.	105.3	323.	0	0			
19:30	109.7	7.97	1.1	311.4	323.8	0	0			
19:31	109.9	7.97	0.	283.9	324.	0	0			
19:32	109.9	7.97	0.	279.3	324.	0	0			
19:33	109.9	7.97	0.	279.3	324.	0	0			
19:34	109.9	8.39	0.	279.3	324.1	0	0			
19:35	110.1	8.49	0.	274.7	324.2	0	0			
19:36	110.1	8.17	0.08	274.7	324.2	0	0			
19:37	110.1	8.14	0.	274.7	324.3	0	0			
19:38	110.1	8.06	0.	274.7	324.3	0	0			
19:39	110.1	8.05	0.	270.1	324.3	0	0			
19:40	110.1	8.04	0.	270.1	324.3	0	0			
19:41	110.1	8.01	0.	270.1	324.3	0	0			
19:42	110.1	8.01	0.	270.1	324.3	0	0	RECEIVED		
19:43	110.1	8.01	0.	270.1	324.3	0	0			
19:44	110.1	8.01	0.	265.6	324.3	0	0	SEP 0-4 90		
19:45	110.1	7.98	0.	265.6	324.3	0	0			
19:46	110.1	7.98	0.	265.6	324.3	0	0	KOC WISCONSIN		
19:47	110.1	7.98	0.	265.6	324.3	0	0			
19:48	110.1	7.98	0.	265.6	324.3	0	0			
19:49	110.1	7.98	0.	261.	324.3	0	0			
19:50	110.1	8.01	0.	261.	324.3	0	0			

Well		Field				Service Date		Customer		Job Number
FITZGERALD #C-1		CONDIT						ARKO PETROLEUM CORP		20215175
Time	CumVol	Density	Flowrate	Pressure U1	Reset Vol			Message		
24 hr clock	bbl	ppg	bpm	psi	bbl					
19:51	110.2	8.03	0.	261.	324.3	0	0			
19:52	110.2	7.98	0.	261.	324.3	0	0			
19:53	110.2	8.	0.	256.4	324.3	0	0			
19:54	110.2	7.98	0.	256.4	324.3	0	0			
19:55	110.2	7.98	0.	256.4	324.3	0	0			
19:56	110.2	7.98	0.	251.8	324.3	0	0			
19:57	110.2	7.97	0.	251.8	324.3	0	0			
19:58	110.2	7.97	0.	251.8	324.3	0	0			
19:59	110.2	7.97	0.	251.8	324.3	0	0			
20:00	110.2	7.97	0.	247.3	324.3	0	0			
20:01	110.5	8.01	0.	952.4	324.7	0	0			
20:01	110.5	8.01	0.	952.4	324.7	0	0	Bump Top Plug		
20:02	110.5	8.01	0.	952.4	324.7	0	0	Bleed Off Pressure		
20:02	110.5	8.07	0.	4.58	324.7	0	0			
20:02	110.5	8.07	0.	4.58	324.7	0	0	float holding		
20:03	110.5	8.07	0.	4.58	324.7	0	0	PAUSE ACQUISITION		
20:03	110.5	8.07	0.	4.58	324.7	0	0	RESTART AFTER PAUSE		
Post Job Summary										
Average Pump Rates, bpm				Volume of Fluid Injected, bbl						
Slurry	N2	Mud	Maximum Rate	Total Slurry	Mud	Spacer	N2			
6	0	0	7	244	0	10	0			
Treating Pressure Summary, psi					Breakdown Fluid					
Maximum	Final	Average	Bump Plug to	Breakdown	Type	Volume	Density			
952	0	100	952	0		0 bbl	0 lb/gal			
Avg. N2 Percent	Designed Slurry Volume	Displacement	Mix Water Temp	<input checked="" type="checkbox"/> Cement Circulated to Surface? Volume		<input type="checkbox"/> Washed Thru Perfs To				
0 %	215.5 bbl	104.25 bbl	°F	0 bbl		0 ft				
Customer or Authorized Representative				Dowell Supervisor						
Jim Hammerschmidt				Brennon Fica				<input type="checkbox"/> Circulation Lost <input checked="" type="checkbox"/> Job Completed		

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KCC WICHITA

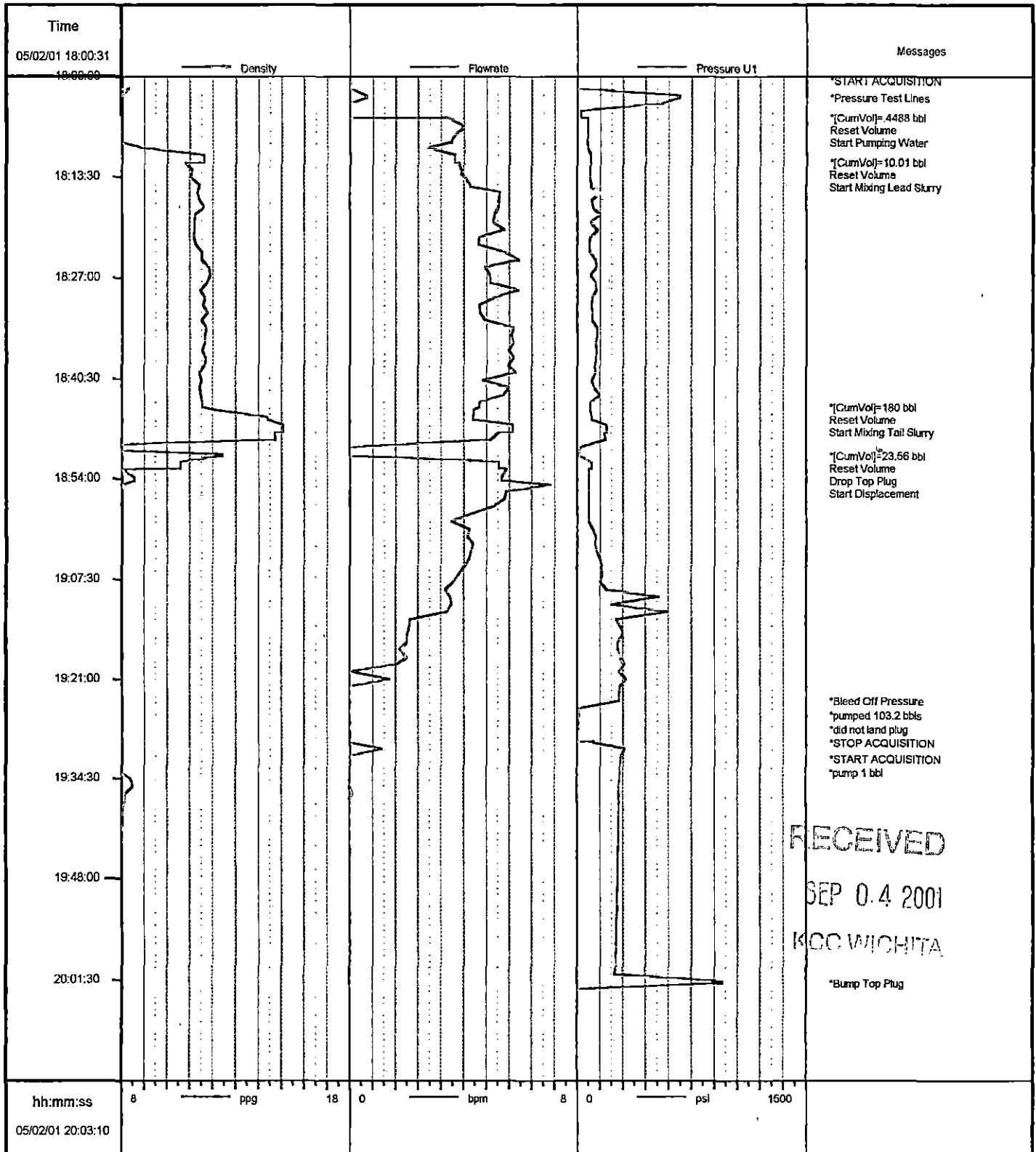


# Cementing Job Report

PRISM V2.23

Dowell

Well	Fitzgerald C-1	Client	Anadarko Petroleum
Field	Condit	SIR No.	20215175
Country	USA	Job Date	5/2/2001 6:00:31 PM



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Job: ans15175

05/02/2001 03:13:41

\* Mark of Schlumberger

**Comments:**

Production Csg  
2 stage

**Fluid Systems:**

Lead 1			
25 sks C + 3% D79 + 0.2% D46 + 1/4 pps D29			
Density:	11.4 lb/gal	Thickening Time:	
Yield:	2.87 ft <sup>3</sup> /sk	Viscosity:	cp
H2O Mix:	17.7 gal/sk	Break Time:	
H2O:	442.5 gal	Eq. Sack Weight:	94 lb
Dowell Code	Conc/ Amount	Total Quantity	
D903	94 lbs/sk	2350	
D029	0.25 lbs/sk	6.25	
D046	0.2 % BWOB	4.7	
D079	3 % BWOB	70.5	

Lead 2			
42 sks Class C + 3% BWOB D079 + 0.2% BWOB D046 + 0.25 lbs/sk D029			
Density:	11.4 lb/gal	Thickening Time:	
Yield:	2.87 ft <sup>3</sup> /sk	Viscosity:	cp
H2O Mix:	17.7 gal/sk	Break Time:	
H2O:	743.4 gal	Eq. Sack Weight:	94 lb
Dowell Code	Conc/ Amount	Total Quantity	
D903	94 lbs/sk	3948	
D079	3 % BWOB	118.44	
D046	0.2 % BWOB	7.896	
D029	0.25 lbs/sk	10.5	

Rat & Mous			
25 sks Class C + 3% BWOB D079 + 0.2 % BWOB D046 + 0.25 lbs/sk D029			
Density:	11.4 lb/gal	Thickening Time:	
Yield:	2.87 ft <sup>3</sup> /sk	Viscosity:	cp
H2O Mix:	17.7 gal/sk	Break Time:	
H2O:	442.5 gal	Eq. Sack Weight:	94 lb
Dowell Code	Conc/ Amount	Total Quantity	
D029	0.25 lbs/sk	6.25	
D903	94 lbs/sk	2350	
D046	0.2 % BWOB	4.7	
D079	3 % BWOB	70.5	

Tail 1			
188 sks Selfstress II + 0.25 % BWOB D167 + 0.5 % BWOB D065 + 0.2% BWOB D046 + 0.25 lbs/sk D29			
Density:	14.4 lb/gal	Thickening Time:	
Yield:	1.55 ft <sup>3</sup> /sk	Viscosity:	cp
H2O Mix:	7.44 gal/sk	Break Time:	
H2O:	1398.72 gal	Eq. Sack Weight:	94 lb
Dowell Code	Conc/ Amount	Total Quantity	
D909	94 lbs/sk	17672	
D053	10 % BWOB	1767.2	
D167	0.25 % BWOB	44.18	
D065	0.5 % BWOB	88.36	
D046	0.2 % BWOB	35.344	
D029	0.25 lbs/sk	47	

Tail 2			
188 sks Class C + 2% BWOB S001 + 0.25 lbs/sk D029			
Density:	14.8 lb/gal	Thickening Time:	
Yield:	1.32 ft <sup>3</sup> /sk	Viscosity:	cp
H2O Mix:	6.32 gal/sk	Break Time:	
H2O:	1188.16 gal	Eq. Sack Weight:	94 lb
Dowell Code	Conc/ Amount	Total Quantity	
D029	0.25 lbs/sk	47	
S001	2 % BWOB	353.44	
D903	94 lbs/sk	17672	

Wash			
10 bbl CW100			
Density:	lb/gal	Thickening Time:	
Yield:	ft <sup>3</sup> /sk	Viscosity:	cp
H2O Mix:	0 gal/sk	Break Time:	
H2O:	0 gal	Eq. Sack Weight:	0 lb
Dowell Code	Conc/ Amount	Total Quantity	
J237A	2.5 gal	2.5	
D122A	5 gal	5	

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Dowell a Division of Schlumberger Technology Corporation  
 204 S Missouri  
 Ulysses, KS 67880  
 Tel: 316 356 1272  
 Fax: 316 356 1911

**INVOICE**

ORIGINAL

Service Date	05/15/2001	Job Number	20217552	Invoice Date	05/17/2001	Invoice	9090643992
<b>Bill To:</b> ANADARKO PETROLEUM CORPORATION ATTN: 1707 W. 2ND LIBERAL KS 67901				<b>Remit To:</b> Dowell a Division of Schlumberger Technology Corporation PO Box 201556 Houston TX 77216-1556			
<b>Terms</b> 30 Days Net				<b>Service Description</b> DW Cementing Case, Cement Prod			
				<b>Customer PO</b>		<b>Contract</b>	
<b>Well</b> FITZGERALD-C-1		<b>State</b> KS		<b>County/Parish/Block</b> Seward		<b>Price Reference</b> Dowell US	
<b>Field</b> EVALYN-CON		<b>Customer or Authorized Representative</b> Jim Hammerschmidt				<b>Legal Location</b> SEC:2 T:34S R:33W	
<b>Field</b> EVALYN-CON		<b>Rig</b> BIG A DRILLING 2					

**COPY**

Item	Description	Quantity	List Price	Disc	Net Price	Net Amount
48016000	Cement Pump-Per add. Stage	1.000 EA	2,460.00	-41.000 %	1,451.4000	1,451.40
48020000	Cement Pump-add. hr On Locat	4.000 HR	545.00	-20.000 %	436.0000	1,744.00
48601000	Cement Head Rental	1.000 JOB	529.00	-41.000 %	312.1100	312.11
49100000	Service Chg Cement Matl Land All DW Fur	507.000 CF	2.29	-41.000 %	1.3511	685.01
49102000	Transportation Cement Ton Mile	1,317.000 MI	1.69	-41.000 %	0.9971	1,313.18
59200002	Mileage, All Other Equipment	112.000 MI	4.53	-41.000 %	2.6727	299.34
59697004	PRISM	1.000 JOB	885.00	-41.000 %	522.1500	522.15
102476000	Service Supervisor or Field Engineer	4.000 HR	92.65	-20.000 %	74.1200	296.48
102476001	Equipment Operator or Service Technician	8.000 HR	76.30	-20.000 %	61.0400	488.32
102871055	Casing Cmnt 5001-5500' 1st 4hr	1.000 EA	2,880.00	-41.000 %	1,699.2000	1,699.20
<b>Sub-Total Services</b>						<b>8,811.19</b>
50101054	Shoe, Guide Cement Type 5 1/2 In	1.000 EA	277.00	-41.000 %	163.4300	163.43
51003054	Shoe, Flapper Type Float Aluminum	1.000 EA	539.00	-41.000 %	318.0100	318.01
54001054	Collar, 2 Stage Cementing	1.000 EA	5,910.00	-41.000 %	3,486.9000	3,486.90
56008054	Basket, Cementing 5 1/2 In	2.000 EA	292.00	-41.000 %	172.2800	344.56
56011054	Centralizer, Regular	18.000 EA	105.45	-41.000 %	62.2155	1,119.88
102946000	Fuel Surcharge	1.000 EA	207.13		207.1300	207.13
D029	Cellophane Flakes D29	123.000 LB	2.61	-41.000 %	1.5399	189.41
D046	Antifoam Agent, All Purpose D46	53.000 LB	5.04	-41.000 %	2.9736	157.60
D065	Dispersant, TIC D65	88.000 LB	7.76	-41.000 %	4.5784	402.90
D079	Extender, Chemical D79	258.000 LB	2.15	-41.000 %	1.2685	327.27
D167	UniFLAC-S D167	50.000 LB	45.30	-41.000 %	26.7270	1,336.35
D808	SELF STRESS II Additive D808	188.000 CF	13.20	-41.000 %	7.7880	1,464.14
D903	Cement, Class C D903	284.000 CF	16.60	-41.000 %	9.7940	2,781.50
D909	Cement, Class H D909	188.000 CF	14.40	-41.000 %	8.4960	1,597.25
K232	Thread Locking Compound Kit K232	1.000 EA	49.95	-41.000 %	29.4705	29.47
S001	Calcium Chloride 77% S1	353.000 LB	0.66	-41.000 %	0.3894	137.46
<b>Sub-Total Products</b>						<b>14,063.26</b>

Total before tax  
 Tax, USState/CanGST 4.900 %  
 Tax, US City 1.000 %

LIB DIVISION WARG 16 BRAGC 20  
 Well Name Fitzgerald C-1  
 Loc# \_\_\_\_\_ AFE# 32098  
 Nom Sub \_\_\_\_\_ Area Sup. \_\_\_\_\_  
 90.16

Total Amount Due on or Before 06/16/2001 PAYABLE IN USD FUNDS 282,150.3 MAY 18 2001 23,406.53

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Work Description Prod. Csg. Cont. Job

Please reference invoice number 9090643992 on payment. Date 5/21/01

Thank-you for calling Approved by Jim Hammerschmidt Date \_\_\_\_\_

ORIGINAL

Schlumberger

Service Order

14-May-01

Customer ANADARKO PETROLEUM CORPORATI		Person Taking Call Trent Mitchell		Dowell Location Ulysses, KS		Order Date 4/30/01		Job Number 20217552			
Well Name and Number FITZGERALD C-1			Legal Location SEC 2-34S-33W		Field CONDIT		County SEWARD		State/Province KANSAS		
Rig Name BIG A DRILLING 2			Well Age New		Sales Engineer Trent Mitchell			Job Type Cem Prod Casing			
Time Well Ready:		Deviation 0	Bit Size 12.3 in		Well MD 1,650 ft	Well TVD 1,650 ft		BHP 0 psi	BHST 96 °F	BHCT 80 °F	
Treat Down Casing		Packer Type	Packer Depth 0 ft	WellHead Connection Single cement head		HHP on Location 0	Max Allowed Pressure 0		Max Allowed Ann Pressure 0		
<b>Casing</b>					<b>Services Instructions:</b> Safely cement production casing as per customer's request						
Depth, ft	Size, in	Weight, lb/ft	Grade	Thread							
1650	8.63	23									
0	0	0									
<b>Tubing</b>					<b>Extra Equipment:</b> 5 1/2 Guide shoe Sureseal Collar 18 centralizers Stage tool with Plugs 2 cement baskets thread lock						
Depth,	Size, in	Weight, lb/ft	Grade	Thread							
0	0	0									
0	0	0									
<b>Perforated Intervals</b>											
Top, ft	Bottom, ft	spf	No. of Shots	Total Interval							
0	0	0	0	0 ft							
0	0	0	0	Diameter							
0	0	0	0	0 in							

Contact	Voice	Mobile	FAX	Notes
Jim Hammerschmidt	316-482-1004	281-543-2347	316-482-1018	
Seth Houston	806-457-4651		806-457-4692	

Notes:

**Directions:**  
Jct 51 & 83 - go 4 miles South to Cementary Rd. - 2 miles East - 5/8 mile North - East into location

**Other Notes:**  
If there are any problems, contact Trent at 405-880-3396.

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