

FORM MUST BE TYPED

CONFIDENTIAL SIDE ONE

ORIGINAL

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

API NO. 15- 189-22329-00-00
County STEVENS
180' N OF E
C - E/2 - NE - SE Sec. 4 Twp. 33 Rge. 35 X W

Operator: License # 4549 **CONFIDENTIAL** 2160 Feet from X (S) (circle one) Line of Section

Name: ANADARKO PETROLEUM CORPORATION **RELEASED** 330 Feet from (E)X (circle one) Line of Section

Address P. O. BOX 351 Footages Calculated from Nearest Outside Section Corner:
NE, (SE), NW or SW (circle one)

City/State/Zip LIBERAL, KANSAS 67905-0351 **MAR 28 2001** Lease Name HJV CENTRAL LIFE "A" Well # 1

Purchaser: NONE- D&A **FROM CONFIDENTIAL** Field Name NORTHWOODS

Operator Contact Person: SHAWN YOUNG Producing Formation NONE

Phone (316) 624-6253 Elevation: Ground 2955.5 KB 2967 **DFW KCC**

Contractor: Name: NORSEMAN DRILLING **RECEIVED** **STATE CORPORATION COMMISSION** **Wichita Kansas** **FEB - 7 2000** **KCC** Total Depth 6500 PBDT 0

License: 3779 Amount of Surface Pipe Set and Cemented at 1729 Feet

Wellsite Geologist: Multiple Stage Cementing Collar Used? Yes X No

Designate Type of Completion If yes, show depth set Feet

X New Well Re-Entry Workover If Alternate II completion, cement circulated from feet depth to w/ sx cmt.

Oil SWD SIOW Temp. Abd. Drilling Fluid Management Plan ACT 1 **DFW D&A** **3-22-01**

Gas ENHR SIGW (Data must be collected from the Reserve Pit)

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

If Workover: Chloride content 700 ppm Fluid volume 700 bbls

Operator: FEB 04 2000 Dewatering method used DRY, BACKFILL & RESTORE LOCATION.

Well Name: **CONFIDENTIAL** Location of fluid disposal if hauled offsite:

Comp. Date Old Total Depth Operator Name

Deepening Re-perf. Conv. to Inj/SWD

Plug Back PBDT

Commingled Docket No.

Dual Completion Docket No.

Other (SWD or Inj?) Docket No.

12-22-1999 1-4-2000 1-5-2000

Spud Date Date Reached TD Completion Date Lease Name License No.

County Quarter Sec. Twp. 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.

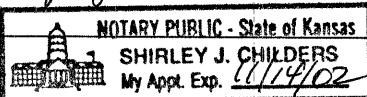
Signature L. Marc Harvey
L. MARC HARVEY

Title DRILLING TECHNICAL ASSISTANT Date 2-4-2000

Subscribed and sworn to before me this 4th day of February 19 2000

Notary Public Shirley J Childers

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)

Operator Name ANADARKO PETROLEUM CORPORATION Lease Name HJV CENTRAL LIFE "A" Well # 1

Sec. 4 Twp. 33 Rge. 35 East County STEVENS
 West

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, shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and fluid rates if any 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: DIL, CNL-LDT, ML, LS LONIC.

Log Formation (Top), Depth and Datums Sample
 Name Top Datum
 CHASE 2604
 COUNCIL GROVE 2946
 B/HEEBNER 4216
 MARMATON 5018
 MORROW 5688
 STE. GENEVIEVE 6264
 ST. LOUIS 6346

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	1729	CLASS C/ CLASS C.	400/100	2%CC, 1/2#/SK FLC/ 2%CC, 1/2#/SK FLC.

ADDITIONAL CEMENTING/SQUEEZE RECORD					
Purpose: ____ Perforate ____ Protect Casing ____ Plug Back TD ____ Plug Off Zone	Depth		Type of Cement	#Sacks Used	Type and Percent Additives
	Top	Bottom			

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 checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Inj.			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: Vented Sold Used on Lease (If vented, submit ACO-18.)

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

Production Interval _____

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Cementing Service Report

ORIGINAL

Schlumberger
Dowell

152 28 2001

Customer: **ANADARKO PETROLEUM CORPORATION** Job Number: **20137879**

Well: HJV CENTRAL LIFE		Location (legal): SEC 4-33S-35W		Dowell Location: Ulysses, KS		Job Start: 12/24/99	
Field: HUGOTON		Formation Name/Type: SURFACE		Deviation: 0		Well TVD: 1,729 ft	
County: STEVENS		State/Province: KS		BHP: psi		Well MD: 1,729 ft	
Rig Name: NORSEMAN 1		Drilled For: Oil & Gas		Service Via: Land		Casing/Liner	
Offshore Zone:		Well Class: New		Well Type: Exploration		Depth, ft: 1729	
Drilling Fluid Type: Polymer		Max. Density: 9.4 lb/gal		Plastic Viscosity: 0 cp		Size, in: 8.63	
Service Line: Cementing		Job Type: Cem Surface Casing		Weight, lb/ft: 24		Grade: WC-50	
Max. Allowed Tubing Pressure: 1000 psi		Max. Allowed Ann. Pressure: psi		WellHead Connection: 8 5/8 HS&M		Thread: 8RD	
Service Instructions: 400 SK LEAD @ 11.4 PPG 100 SK TAIL @ 14.8 PPG 5-6 BPM		RECEIVED STATE CORPORATION COMMISSION FEB - 7 2000		Perforations/Open Hole		Tubing/Drill Pipe	
Mileage: 80		CONSERVATION DIVISION Wichita, Kansas		Top, ft: 0		Depth, ft: 0	
Casing/Tubing Secured <input checked="" type="checkbox"/>		1 Hole Volume Circulated prior to Cementing <input type="checkbox"/>		Bottom, ft: 0		Size, in: 0	
Lift Pressure: 719 psi		Pipe Rotated <input type="checkbox"/>		Pipe Reciprocated <input type="checkbox"/>		Weight, lb/ft: 0	
No. Centralizers: 5		Top Plugs: 1		Bottom Plugs: 0		Grade: 0	
Cement Head Type: Single		Job Scheduled For: 12/24/99 12:00		Arrived on Location: 12/23/99 23:55		Leave Location: 12/24/99 5:15	
				Shoe Type: Guide		Squeeze Job	
				Shoe Depth: 1729 ft		Squeeze Type	
				Stage Tool Type: 0 ft		Tool Type:	
				Stage Tool Depth: 0 ft		Tool Depth: 0 ft	
				Collar Type: Auto-Fill		Tail Pipe Size: 0 in	
				Collar Depth: 1705 ft		Tail Pipe Depth: 0 ft	
				Squ Total Vol: 0 bbl			

Time	CumVol	Density	Elapsed Time	Pressure	Pump	Message	
24 hr clock	bbl	ppg	min	psi	bpm		
3:15	0	0	0	0	0	0	START ACQUISITION
3:15	0.	12.59	0.017	0.	0.	0	
3:16	0.	12.59	1.02	0.	0.	0	
3:17	0.	5.01	2.03	-4.58	0.	0	
3:18	0.	5.01	2.03	-4.58	0.	0	Pressure Test Lines
3:18	0.294	5.01	3.03	2143	0.	0	
3:19	0.	5.01	4.04	45.79	0.	0	
3:19	0.	5.01	4.04	45.79	0.	0	[CumVol]=.2937 bbl
3:19	0.	5.01	4.04	45.79	0.	0	Reset Volume
3:19	0.	5.01	4.04	45.79	0.	0	Start Pumping Water
3:20	2.87	5.01	5.05	251.8	5.12	0	
3:21	8.05	5.01	6.05	215.2	5.12	0	
3:22	13.22	5.01	7.06	251.8	5.14	0	
3:23	18.4	5.01	8.06	233.5	5.2	0	
3:24	23.57	5.01	9.07	196.9	5.14	0	
3:25	28.75	5.01	10.07	178.6	5.09	0	
3:26	33.9	5.01	11.08	160.3	5.14	0	
3:27	39.02	5.01	12.08	146.5	5.12	0	
3:28	44.11	5.01	13.09	151.1	5.14	0	
3:29	49.21	5.01	14.1	146.5	4.98	0	
3:30	54.33	5.01	15.1	141.9	5.	0	
3:31	59.42	5.01	16.11	141.9	5.09	0	

APL 15-189-22329-00-00

KCC

FEB 04 2000
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ORIGINAL

Well			Field			Service Date		Customer		Job Number
HJV CENTRAL LIFE #A-1			HUGOTON					ARKO PETROLEUM CORP		20137879
Time	CumVol	Density	Elapsed Time	Pressure	Pump			Message		
24 hr clock	bbl	ppg	min	psi	bpm			RELEASED		
3:32	64.49	5.01	17.11	128.2	5.12	0	0			
3:33	69.62	5.01	18.12	105.3	4.98	0	0	FEB 28 2001		
3:34	74.69	5.01	19.12	100.7	5.12	0	0			
3:35	79.79	5.01	20.13	96.15	4.95	0	0	FROM CONFIDENTIAL		
3:36	84.77	5.01	21.13	128.2	4.95	0	0			
3:37	89.75	5.01	22.14	109.9	5.06	0	0	KCC		
3:38	94.78	5.01	23.15	105.3	4.89	0	0			
3:39	99.79	5.01	24.15	114.5	5.	0	0	FEB 04 2000		
3:40	104.8	5.01	25.16	114.5	4.89	0	0	CONFIDENTIAL		
3:41	109.8	5.01	26.16	109.9	5.	0	0			
3:42	114.8	5.01	27.17	91.58	4.98	0	0			
3:43	119.8	5.01	28.17	137.4	4.95	0	0			
3:44	124.8	5.01	29.18	119.	5.	0	0			
3:45	129.8	5.	30.18	105.3	4.89	0	0			
3:46	134.9	5.01	31.19	100.7	4.89	0	0			
3:47	139.8	5.01	32.19	100.7	4.84	0	0			
3:48	144.9	5.01	33.2	123.6	5.2	0	0			
3:49	150.2	5.01	34.21	109.9	5.28	0	0			
3:50	155.2	5.01	35.21	91.58	4.81	0	0			
3:51	160.	5.01	36.22	119.	5.	0	0			
3:52	165.	5.01	37.22	119.	5.	0	0			
3:54	170.	5.01	38.23	109.9	5.12	0	0			
3:55	175.2	5.	39.23	96.15	5.14	0	0			
3:56	180.3	5.01	40.24	114.5	5.06	0	0			
3:57	185.3	5.01	41.24	109.9	4.98	0	0			
3:58	190.4	5.01	42.25	109.9	5.12	0	0			
3:59	195.5	5.03	43.25	100.7	4.98	0	0			
4:00	195.5	5.03	43.25	100.7	4.98	0	0	Start Mixing Tail Slurry		
4:00	200.7	5.03	44.26	87.	5.17	0	0			
4:00	200.7	5.03	44.26	87.	5.17	0	0	[CumVol]=201.1 bbl		
4:00	200.7	5.03	44.26	87.	5.17	0	0	Reset Volume		
4:01	4.6	5.01	45.26	128.2	4.98	0	0			
4:02	9.57	5.03	46.27	123.6	4.92	0	0			
4:03	14.48	5.01	47.28	183.2	4.87	0	0			
4:04	19.45	5.02	48.28	137.4	4.92	0	0			
4:05	24.42	5.01	49.29	114.5	5.14	0	0			
4:05	24.42	5.01	49.29	114.5	5.14	0	0	Shutdown		
4:05	24.42	5.01	49.29	114.5	5.14	0	0	[CumVol]=25.1 bbl		
4:05	24.42	5.01	49.29	114.5	5.14	0	0	Reset Volume		
4:05	24.42	5.01	49.29	114.5	5.14	0	0	Drop Top Plug		
4:06	0.	5.02	50.29	0.	0.	0	0			
4:06	0.	5.02	50.29	0.	0.	0	0	Start Displacement		
4:07	0.	5.02	51.3	-4.58	0.	0	0			
4:08	0.	5.02	52.3	-9.16	0.	0	0			
4:09	2.98	5.03	53.31	105.3	5.9	0	0			
4:10	8.94	5.02	54.31	77.84	5.96	0	0			
4:11	14.9	5.01	55.32	73.26	5.96	0	0			
4:12	20.87	5.02	56.32	82.42	5.93	0	0			
4:13	26.78	5.02	57.33	105.3	5.9	0	0	RECEIVED		
4:14	32.66	5.02	58.33	128.2	5.79	0	0	STATE CORPORATION COMMISSION		
4:15	38.52	5.03	59.34	146.5	5.82	0	0			
4:16	44.34	5.03	60.35	174.	5.79	0	0	FEB - 7 2000		
4:17	50.17	5.02	61.35	201.5	5.82	0	0			
4:18	55.97	5.01	62.36	224.4	5.79	0	0	CONSERVATION DIVISION		

APL 15 189.22329.00.00

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ORIGINAL

Well		Field				Service Date	Customer	Job Number
HJV CENTRAL LIFE #A-1		HUGOTON					ARKO PETROLEUM CORPC	20137879
Time	Card Vol	Density	Elapsed Time	Pressure	Pump	Message		
24 hr clock	bbl	ppg	min	psi	bpm			
4:19	61.8	5.02	63.36	242.7	5.73	0	0	
4:20	67.59	5.02	64.37	261.	5.79	0	0	RELEASED
4:21	73.38	5.02	65.37	274.7	5.73	0	0	
4:22	79.32	5.02	66.38	315.9	6.01	0	0	MAR 28 2001 KCC
4:23	85.34	5.03	67.38	334.2	6.01	0	0	
4:24	91.41	5.03	68.39	370.9	5.98	0	0	FEB 04 2000
4:25	97.49	5.02	69.39	421.2	6.07	0	0	FROM CONFIDENTIAL
4:26	100.7	5.02	70.4	357.1	3.19	0	0	CONFIDENTIAL
4:27	103.9	5.02	71.4	384.6	3.19	0	0	
4:28	107.	5.02	72.41	402.9	3.1	0	0	
4:29	109.5	5.02	73.42	696.	0.	0	0	Bump Top Plug
4:29	109.5	5.02	73.42	696.	0.	0	0	Bleed Off Pressure
4:29	109.5	5.02	73.42	696.	0.	0	0	
4:30	109.5	5.01	74.42	517.4	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	
5	0	0	5	224	0	3	0	
Treating Pressure Summary, psi				Breakdown Fluid				
Maximum	Final	Average	Bump Plug to	Breakdown	Type	Volume	Density	
750	430	0	725	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 30 bbl <input type="checkbox"/> Washed Thru Perfs To 0 ft				
0 %	0 bbl	109 bbl	°F					
Customer or Authorized Representative			Dowell Supervisor		<input type="checkbox"/> Circulation Lost <input checked="" type="checkbox"/> Job Completed			
Jim Barlow			Darren Shilling					

API 157-189-22389-00-00

RECEIVED
STATE CORPORATION COMMISSION

FEB - 7 2000

CONSERVATION DIVISION
Wichita, Kansas