

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

CONFIDENTIAL

API NO. 15- _____ 189-22360-00-00

County STEVENS
APPROX: _____ E
_____ - NW - NW Sec. 17 Twp. 32S Rge. 35 X W

Operator: License # 4549

1200 Feet from (N)X (circle one) Line of Section

Name: ANADARKO PETROLEUM CORPORATION

430 Feet from X(A) (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

Lease Name HJV KEATING "A" Well # 1

Purchaser: NONE- D&A **KCC**

Field Name MOSCOW EAST

Operator Contact Person: SHAWN YOUNG **DEC 29 2000**

Producing Formation NONE

Phone (316) 624-6253

Elevation: Ground 3006.6 (3020 E. LOG) KB 3032 E LOG

Contractor: Name: NORSEMAN DRILLING **CONFIDENTIAL**

Total Depth 6450 PBDT 3338

License: 3779

Amount of Surface Pipe Set and Cemented at 1765 Feet

Wellsite Geologist: _____

Multiple Stage Cementing Collar Used? _____ Yes X No

Designate Type of Completion

X New Well _____ Re-Entry _____ Workover

If NO surface pipe set _____ Feet

_____ Oil _____ SWD _____ SLOW _____ Temp. Abd.
_____ Gas _____ ENHR _____ SIGW
X Dry _____ Other (Core, WSW, Expl., Cathodic, etc)

If Alternate Completion, cement circulated from _____

feet depth to _____ w/ _____ sx cmt.

If Workover:

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Reserve Pit Management Plan D-9 4/2/01 MB
(Data must be collected from the Reserve Pit)

Operator: _____

Chloride content 1000 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
_____ Commingled _____ Docket No. _____
_____ Dual Completion _____ Docket No. _____
_____ Other (SWD or Inj?) _____ Docket No. _____

Operator Name 1-03-01

Lease Name _____ License No. _____

12-5-2000 12-16-2000 12-19-2000
Spud Date Date Reached TD Completion Date

Quarter _____ Sec. _____ Twp. _____ S Rng. _____ E/W

County _____ Docket No. _____

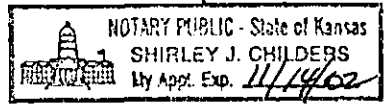
INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information on side 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
Title ENGINEERING TECHNICIAN III Date 12-29-2000

Subscribed and sworn to before me this 29th day of December
20 00.

Notary Public Shirley Childers
Date Commission Expires 11/14/02



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 KEATING "A" Well # 1

Sec. 17 Twp. 32 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, 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 (Attach Additional Sheets.)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datums	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	CHASE	2594
Electric Log Run (Submit Copy.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	COUNCIL GROVE	2936
List All E.Logs Run: DIL, CNL-LDT, ML, DWG SONIC.		B/HEEBNER	4164
		MARMATON	4963
		MORROW	5606
		STE. GENEVIEVE	6184
		ST. LOUIS	6282

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	1765	P+ MIDCON/ PREM PLUS.	460/100	16%GEL, 3%SALT, %#/SK CF/2%CC, %#/SK CF.
PRODUCTION	7-7/8"	5-1/2"	15.5	3338	CLASS C/ CLASS C.	90/165	3%SMS, %#/SK CF/ 2%CC, .5%FL-62.

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	
		NONE-TURNED WELL OVER TO EXXON/MOBIL FOR SHALLOW COMPLETION.		

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: _____ NONE-D&A

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ORIGINAL



CEMENT JOB REPORT

KCC

DEC 29 2000

CONFIDENTIAL

CUSTOMER Anadarko Petroleum Corporatio		DATE 06-DEC-00	F.R. # 257010075	SERV. SUPV. Darren Shilling		
LEASE & WELL NAME HJV Keating A-1		LOCATION Sec17-32S-35w		COUNTY-PARISH-BLOCK Stevens Kansas		
DISTRICT Perryton		DRILLING CONTRACTOR RIG # Nonsman		TYPE OF JOB Surface		
SIZE & TYPE OF PLUGS Cement Plug, Rubber, Top 8-5/8 in		LIST-CSG-HARDWARE Centralizer, with Pins, 8-5/8 in Cement Basket, Slip On, 8-5/8 in		SLURRY WGT PPG	SLURRY YLD FT ³	WATER GPS
MATERIALS FURNISHED BY BJ				PUMP TIME HR:MIN	Bbl SLURRY	Bbl MIX WATER
460SKSC+16%GEL+3%SALT+.25#/SKCELLOFLAKE				11.8	2.95	17.66
100SKSC+2%CACL2+.25#/SKCELLOFLAKE				14.8	1.34	6.31
Available Mix Water 500 Bbl. Available Displ. Fluid 500 Bbl.				TOTAL		267 208.93

SIZE	HOLE % EXCESS	DEPTH	SIZE	WGT.	TBG-CSG-O.P. TYPE	DEPTH	GRADE	SHOE	COLLAR DEPTHS FLOAT	STAGE
12.25		1765	8.625	24	CSG	1773		1773	1729	1

LAST CASING				PKR-CMT RET-BR PL-LINER			PERF. DEPTH		TOP CONN		WELL FLUID	
SIZE	WGT	TYPE	DEPTH	BRAND & TYPE	DEPTH	TOP	BTM	SIZE	THREAD	TYPE	WGT.	
								8.625	BRD	WATER BASED MUD	9.4	

DISPL. VOLUME		DISPL. FLUID		CAL. PSI	CAL. MAX PSI	OP. MAX	MAX TBG PSI		MAX CSG PSI		MIX WATER SOURCE
VOLUME	UOM	TYPE	WGT.	BUMP PLUG	TO REV.	SG. PSI	RATED	Operator	RATED	Operator	TANK
110	BBLs			365						1000	TANK

EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING:

PRESSURE/RATE DETAIL						EXPLANATION	
TIME HR:MIN.	PRESSURE - PSI		RATE BPM	Bbl. FLUID PUMPED	FLUID TYPE		
	PIPE	ANNULUS					
00:40	285		5	10 H2O		SAFETY MEETING: BJ CREW <input checked="" type="checkbox"/> CO. REP. <input checked="" type="checkbox"/>	
00:42	170		5	243 CMT		TEST LINES 2000 PSI	
01:25	75		3	28 CMT		CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ	
01:34						START H2O AHEAD	
01:35	160		6	100 H2O		START LEAD CMT @11.8#	
02:00	370		2	10 H2O		START TAIL CMT @14.8#	
02:06	420					SHUTDOWN	
02:07	0					DROP PLUG START DISP.	
02:08						DEC. RATE	
						BUMP PLUG SHUTDOWN BUMP TO 1016 PSI	
						BLEED PSI FLOAT HOLDING	
						END JOB	

RELEASED

APR 25 2002

FROM CONFIDENTIAL

BUMPED PLUG	PSI TO BUMP PLUG	TEST FLOAT EQUIP.	BBL CMT RETURNS/ REVERSED	TOTAL BBL PUMPED	PSI LEFT ON CSG	SPOT TOP OUT CEMENT	SERV. SUPV.
Y N	420	Y N	50	391	0	Y N	<i>Darren Shilling</i>



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CEMENT JOB REPORT

ORIGINAL

CUSTOMER Anadarko Petroleum Corporatio			DATE 16-DEC-00		F.R. # 257010087		SERV. SUPV. Darren Shilling					
LEASE & WELL NAME HJV Keating A-1			LOCATION Sec.17-32S-35W			COUNTY-PARISH-BLOCK Stevens Kansas						
DISTRICT Perryton			DRILLING CONTRACTOR RIG # Norsman			TYPE OF JOB Long String						
SIZE & TYPE OF PLUGS			LIST-CSG-HARDWARE			PHYSICAL SLURRY PROPERTIES						
Cement Plug, Rubber, Top 5-1/2 in			Guide Shoe, Cement Nose, 5-1/2 i Insert Float, AFU, LTC, 5-1/2 - 8rd			SLURRY WGT PPG	SLURRY YLD FT ³	WATER GPS	PUMP TIME HR:MIN	Bbl SLURRY	Bbl MIX WATER	
MATERIALS FURNISHED BY BJ												
90SKSC+3%SMS+.25#/SKCELLOFLAKE						11.5	2.78	17.01		45	36.81	
165SKSC+.5%FL-62+2%CACL2						14.8	1.35	6.33		34	21.31	
DEC 29 2000 CONFIDENTIAL												
Available Mix Water 400 Bbl.			Available Displ. Fluid 400 Bbl.			TOTAL			79	58.12		
HOLE			TBG-CSG-D.P.				COLLAR DEPTHS					
SIZE	% EXCESS	DEPTH	SIZE	WGT.	TYPE	DEPTH	GRADE	SHOE	FLOAT	STAGE		
7.875		6500	5.5	15.5	CSG	3353		3353	3309	1		
LAST CASING			PKR-CMT RET-BR PL-LINER			PERF. DEPTH		TOP CONN		WELL FLUID		
SIZE	WGT	TYPE	DEPTH	BRAND & TYPE		DEPTH	TOP	BTM	SIZE	THREAD	TYPE	WGT.
									5.5	8RD	WATER BASED MUD	9.4
DISPL. VOLUME		DISPL. FLUID		CAL. PSI	CAL. MAX PSI	OP. MAX	MAX TBG PSI		MAX CSG PSI		MIX WATER SOURCE	
VOLUME	UOM	TYPE	WGT.	BUMP PLUG	TO REV.	SQ. PSI	RATED	Operator	RATED	Operator		
78.7	BBLs	H2O	8.4	520						2000	TANK	
EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING:												
PRESSURE/RATE DETAIL						EXPLANATION						
TIME HR:MIN.	PRESSURE - PSI		RATE BPM	Bbl. FLUID PUMPED	FLUID TYPE	SAFETY MEETING: BJ CREW <input checked="" type="checkbox"/> CO. REP. <input checked="" type="checkbox"/>						
	PIPE	ANNULUS				TEST LINES 4180 PSI						
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>						
01:48	400	0	5	10	H2O	START H2O AHEAD						
01:54	350	0	5	45	CMT	START LEAD CMT @11.5#						
01:59	180	0	5	34	CMT	START TAIL CMT @14.8#						
02:07	0	0	0	0	0	SHUTDOWN WASH PUMP & LINES						
02:11	215	0	5.5	64	H2O	DROP PLUG START DISP.						
02:24	430	0	2	14	H2O	DEC. RATE						
02:31	590	0	0	0	0	BUMP PLUG SHUTDOWN BUMP TO 1730 PSI						
02:32	0	0	0	0	0	BLEED PSI FLOAT HOLDING						
02:33	0	0	0	0	0	END JOB						
RELEASED APR 25 2002 FROM CONFIDENTIAL												
BUMPED PLUG	PSI TO BUMP PLUG	TEST FLOAT EQUIP.	BBL.CMT RETURNS/ REVERSED	TOTAL BBL. PUMPED	PSI LEFT ON CSG	SPOT TOP OUT CEMENT	SERV. SUPV.					
<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	590	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	0	167	0	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	<i>Darren Shilling</i>					