

FORM MUST BE TYPED

RECEIVED STATE CORPORATION COMMISSION SIDE ONE

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

API NO. 15- 175-21735-00-00

County SEWARD

SE SW Sec. 14 Twp. 34 Rge. 34 X W

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

1980 Feet from X(W) (circle one) Line of Section

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

Lease Name KEATING "B" Well # 1

Field Name ARCHER

Producing Formation NONE

Elevation: Ground 2718.0 KB

Total Depth 6700 PBDT NA**

Amount of Surface Pipe Set and Cemented at 1673 Feet

Multiple Stage Cementing Collar Used? Yes X No

If yes, show depth set Feet

If Alternate II completion, cement circulated from

feet depth to w/ sx cmt.

Drilling Fluid Management Plan D-FA, 7-28-98 UIC. (Data must be collected from the Reserve Pit)

Chloride content 1000 ppm Fluid volume 700 bbls

Dewatering method used DRY, BACKFILL & RESTORE LOCATION.

Location of fluid disposal if hauled offsite:

Operator Name

Lease Name License No.

Quarter Sec. Twp. S Rng. E/W

County Docket No.

Operator: License # 4549

Name: ANADARKO PETROLEUM CORPORATION

Address P. O. BOX 351

City/State/Zip LIBERAL, KANSAS 67905-0351

Purchaser: NONE

Operator Contact Person: DAVID W. KAPPLE

Phone (316) 624-6253

Contractor: Name: BIG "A" DRILLING

License: 31572

Wellsite Geologist:

Designate Type of Completion

X New Well Re-Entry Workover

Oil SWD SLOW **X Temp. Abd.

Gas ENHR SIGW

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

If Workover:

Operator:

Well Name:

Comp. Date Old Total Depth

Deepening Re-perf. Conv. to Inj/SWD

Plug Back PBDT

Commingled Docket No.

Dual Completion Docket No.

Other (SWD or Inj?) Docket No.

6-29-98 7-9-98 ** 7-13-98

Spud Date Date Reached TD Completion Date

** DRY DEEP. OPERATIONS TURNED OVER TO CABOT FOR SHALLOW COMPLETION.

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 DRILLING TECHNICAL ASSISTANT Date 7-22-98

Subscribed and sworn to before me this 22nd day of July 19 98.

Notary Public Freda L. Hinz

Date Commission Expires FRED A. L. HINZ Notary Public - State of Kansas My Appt. Expires 5-15-99

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

SIDE TWO

Operator Name ANADARKO PETROLEUM CORPORATION Lease Name KEATING "B" Well # 1

Sec. 14 Twp. 34 Rge. 34 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: DIL, ML, MSFL, CNL-LDT, LS SONIC.

Log Formation (Top), Depth and Datums Sample

Name	Top	Datum
CHASE	2680	
COUNCIL GROVE	2992	
HEEBNER	4284	
TORONTO	4310	
LANSING	4434	
MARMATON	5116	
CHEROKEE	5406	
ATOKA	5580	
MORROW	5782	
CHESTER	6106	
STE. GENEVIEVE	6388	
ST. LOUIS	6465	
SPERGEN	6614	

CASING RECORD

New 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	1673	P+ MIDCON 2/ P+	360/100	3%CC, 1/4#SK FLC/ 2%CC, 1/4#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 Yes No

Date of First, Resumed Production, SWD or Inj. Producing Method Flowing Pumping Gas Lift 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



JOB SUMMARY 4239-1

TICKET # 383043 TICKET DATE 6-30-98

REGION North America NWA/COUNTRY USA BDA / STATE KS COUNTY Seward
MBU ID / EMP # LT1063 F4550 EMPLOYEE NAME Tyce Davis RECEIVED PSL DEPARTMENT Zonal Isolation
LOCATION Liberal, KS COMPANY APC CUSTOMER REP / PHONE
TICKET AMOUNT WELL TYPE 02 DATE JUL 24 1998 API / UWI #
WELL LOCATION Land DEPARTMENT SOOL JOB PURPOSE CODE 010
LEASE / WELL # Keating B-1 SEC / TWP / RNG 14-34S-34E Wichita Kansas

Table with 4 columns: HES EMP NAME/EMP#/(EXPOSURE HOURS) HRS. Rows include B. McEntyre H-2308, G. Humphries H-9692, D. Fuik 50763.

Table with 4 columns: HES UNIT NUMBERS, R/T MILES. Rows include 420042 (14), 53554-76900 (14). Includes 'ORIGINAL' stamp.

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

Table with 4 columns: DATE, CALLED OUT, ON LOCATION, JOB STARTED, JOB COMPLETED. Values: 6-30-98, 09:30, 11:30, 6-30-98, 1600, 1700.

TOOLS AND ACCESSORIES table with columns: TYPE AND SIZE, QTY, MAKE. Items include Float Insert, Float Tube, Guide Shoe, Centralizers, Bottom Plug, Top Plug, Head, Packer BASKET, Other Weld-A.

WELL DATA table with columns: NEW/USED, WEIGHT, SIZE, FROM, TO, MAX ALLOW. Values: N, 23 7/8, 8 5/8, KB, 1685.

MATERIALS table with columns: Treat Fluid, Disp. Fluid, Prop. Type, Acid Type, Surfactant, NE Agent, Fluid Loss, Gelling Agent, Fric. Red., Breaker, Blocking Agent, Perfpac Balls, Other.

HOURS ON LOCATION and OPERATING HOURS tables. Includes DESCRIPTION OF JOB: CMT, 8 5/8, Surface, Pipe.

HYDRAULIC HORSEPOWER table with columns: ORDERED, TREATED, FEET, AVERAGE RATES IN BPM, CEMENT LEFT IN PIPE. Values: 110, 110, SJ.

CEMENT DATA table with columns: STAGE, SACKS, CEMENT, BULK/SKS, ADDITIVES, YIELD, LBS/GAL. Includes 3% C.C., 1/4# Floccle.

Table with columns: Circulating, Breakdown, Average, Shut in: Instant, Displacement, Maximum, Frac Gradient, 5 Min, 15 Min, Preflush, Load & Bkdn, Treatment, Cement Slurr, Total Volume, Gal - BBI, Type, Pad: BBI - Gal, Disp: BBI - Gal, T.C. 23.5.



JOB LOG 4239-5

TICKET # **383043** TICKET DATE **6-30-98**

REGION North America	NWA/COUNTRY USA	BDA / STATE KS	COUNTY Seward
MBU ID / EMP # 2 To 103- F4550	EMPLOYEE NAME Tyce Davis	RECEIVED 2001	PSL DEPARTMENT ISOLATION
LOCATION Liberal, KS	COMPANY APC	STATE OF KS	CUSTOMER REP / PHONE
TICKET AMOUNT	WELL TYPE 02	CHIT 24	API#
WELL LOCATION Land	DEPARTMENT SOOL	CONSERVE CODE	JOB PURPOSE CODE 010
LEASE / WELL # Keating (2)	SEC / TWP / RNG 14-34S-34	Wichita, Kansas	

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
426042			
53554-76960			
52276-7649			
52827-75237			

ORIGINAL

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL)(GAL)	PUMPS		PRESS. (psl)		JOB DESCRIPTION / REMARKS
				T	C	Tbg	Csg	
	09:30							Called out for SOB
	11:30							On Location - Rig Drilling
	1320							START SB DP
	1420							OUT of Hole with Drill pipe / Rig up casings
	1445							START 8 5/8 FE
	1535							Casing on Bottom
								Hook up PC & Circ. Iron
	1541							START circulating
	1544							Circ TO PIT
	1550							Thru circulating
	1555	7.0	206	✓		150		Pump 360 SKS L.C 11.1 #/gal
	1628	6.0	23.5	✓		70		Pump 100 SKS T.C 14.8 #/gal
	1632	0	229.5	✓		0		SHUT DOWN Drop Plug
	1633	6.5	105.2	✓		130		Pump Displacement
	1645	6.0	105.2	✓		420		25B01S in <u>CMT TO PIT</u>
	1648	3.0	105.2	✓		320		25B01S in slow rate
	1653	3.0	105.2	✓		320 900		Land Plug
	1654	0	105.2	✓		100 0		Release FLOAT-HELD
	1700		105.2	✓				JOB over

Thanks For calling HALLIBURTON
Tyce, Brian & crew