

SIDE TWO

Operator Name Anadarko Petroleum Corporation Lease Name Ferguson "B" Well # 1HSec. 5 Twp. 35S Rge. 38 ☐ East ☒ West County Stevens

WELL LOG

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
 Samples Sent to Geological Survey ☐ Yes ☒ No
 Cores Taken ☐ Yes ☒ No

Formation Description
☐ Log ☒ Sample

Name	Top	Bottom
Sand, Clay	0	225
Redbed	225	565
Redbed, Shale	565	1105
Shale	1105	1220
Glorietta Sand	1220	1384
Shale, Lime	1384	1760
Shale	1760	2225
Shale, Lime	2225	2915
Lime	2915	3022
TD		3022

CASING RECORD ☒ Now ☐ 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	560	Pozmix + common	345	3% cc
Production	7 7/8	5 1/2	14.0	3017	Class C	260	10% DCD 20% DCD

PERFORATION RECORD

Shots Per Foot	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 Production Producing Method

GABBERT-JONES
DRILLERS WELL LOG

5-35-38W

FERGUSON "B" 1H
Sec. 5-35S-38W
Stevens County, KS

Commenced: 3-12-89
Completed: 3-15-89
Operator: ANADARKO PETROLEUM CORPORATION

Depth		Formation	Remarks
From	To		
0	225	Sand-Clay	
225	565	Redbed	Ran 13 jts of 24# 8 5/8" csg
565	1105	Redbed-Shale	LD @ 560' w/195 sks 25/75
1105	1220	Shale	Posmix - 2% Cc - 1/4# CF
1220	1384	Gloritta Sand	150 sks Common - 3% CC
1348	1760	Shale-Lime	1/4# CF
1760	2225	Shale	PD @ 9:00 PM 3-12-89
2225	2915	Shale-Lime	
2915	3022	Lime	Ran 71 jts of 14# 5 1/2" csg
			LD @ 3017' w/220 sks
			class C- 20% DCD - 2% CC
			1/4#CF - 40 sks Class C
			10% DCD - 2% CC - 1/4# CF
			PD @ 7:30 AM 3-15-89

3022 - TD

RECEIVED
STATE COMMISSION
AUG - 7 1989

OFFICE OF THE
STATE COMMISSIONER
OF REVENUE

State of Kansas
County of Sedgwick

) I, the undersigned, being duly sworn on oath, state
) that the above Drillers ' Well Log is true and correct
) to the best of my knowledge and belief and according

SIDE ONE

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION
RECOMPLETION FORM
ACO-2 AMENDMENT TO WELL HISTORY

Operator: License # 4549
Name: Anadarko Petroleum Corporation
Address: P.O. Box 351
City/State/Zip: Liberal, KS 67905-0351
Purchaser: Panhandle Eastern Pipe Line Company
(Transporter)
Operator Contact Person: M. L. Pease
Phone: (316) 624-6253

Designate Type of Original Completion
☒ New Well ☐ Re-Entry ☐ Workover

Date of Original Completion 3/15/89

Name of Original Operator Anadarko Petroleum Corp.

Original Well Name Ferguson B-1H

Date of Recompletion:

6/1/89

8/16/89

Commenced

Completed

entry ☐ Workover ☐

Designate Type of Recompletion/Workover:

☐ Oil ☐ SWD ☐ Temp. Abd.
☒ Gas ☐ Inj ☐ Delayed Comp.
☐ Dry ☐ Other (Core, Water Supply, etc.)

☐ Deepening ☐ Re-perforation
☐ Plug Back ☐ PBTD
☐ Conversion to Injection/Disposal

Is recompleted production:

☐ Commingled Docket No. _____
☐ Dual Completion Docket No. _____
☐ Other (Disposal or Injection?) Docket No. _____

API NO. 15- 189-21,318

County Stevens

NW SW SE Sec. 5 Twp. 35S Rge. 38 ☒ East

1250 Ft. North from Southeast Corner of Sec

2310 Ft. West from Southeast Corner of Section

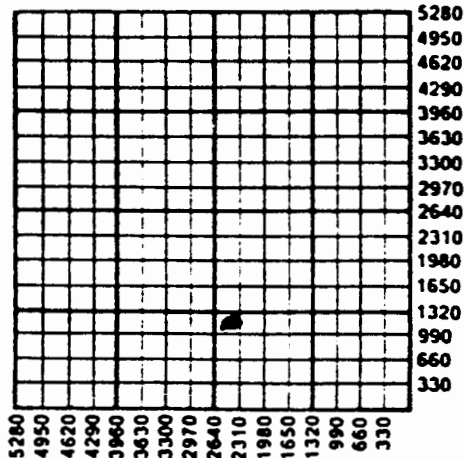
(NOTE: Locate well in section plat below.)

Lease Name FERGUSON "B" Well # 1H

Field Name Hugoton

Producing Formation Chase

Elevation: Ground 3223.6 KB NA



K.C.C. OFFICE USE ONLY
F ☐ Letter of Confidentiality Attached
C ☐ Wireline Log Received
C ☐ Drillers Timelog Received

Distribution
☒ KCC ☐ SWD/Rep ☒ NGPA
☒ KGS ☐ Plug ☐ Other (Specify)

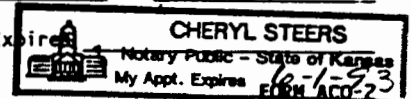
INSTRUCTIONS: This form shall be completed in triplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the recompletion of any well. Rules 82-3-107 and 82-3-141 apply. Information on side two of this form will be held confidential 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 any additional wireline logs and driller's time logs (not previously submitted) shall be attached with this form. Submit ACO-4 or ACO-5 prior to or with this form for approval of commingling or dual completions. Submit CP-1 with all plugged wells. Submit CP-111 with all temporarily abandoned wells. NOTE: Conversion of wells to either disposal or injection must receive approval before use; submit form U-1.

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 M. L. Pease Title Division Production Mgr. Date 1/3/90

Subscribed and sworn to before me this 3rd day of January 19 90

Notary Public Cheryl Steers Date Commission Expires 10-1-93



SIDE TWO

Operator Name Anadarko Petroleum Corporation Lease Name FERGUSON "B" Well # 1HSec. 5 Twp. 35S Rge. 38☐ East☒ WestCounty Stevens

RECOMPLETION FORMATION DESCRIPTION

☒ Log ☐ Sample

Name	Top	Bottom
Blaine	1025	1120
Cedar Hills	1207	1390
Stone Corral	1666	1720
Chase	2584	2937
Council Grove	2937	NA
TD		3022

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 Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)
2	2618-2631	Brk dwn w/14,200 gals 2% KCL wtr.+ 308
2	2654-2688	Frac w/62,000 gals x-linked gelled 2%
2	2715-2748	KCL wtr & 157,000# 12/20 snd.
2	2770-2812	
2	2823-2865	Acidize w/4200 gals 15% FE ACID + 105
		BS.

PBDT 2909 Plug Type CIBP

TUBING RECORD

Size NA Set At _____ Packer At _____ Was Liner Run _____ Y ☒ NDate of Resumed Production, Disposal or Injection NA

Estimated Production Per 24 Hours Oil _____ Bbls. Water _____ Bbls. Gas-Oil-Ratio _____

Gas 1790 Mcf

Disposition of Gas:

@ 90#

☐ Vented ☒ Sold ☐ Used on Lease (If vented, submit ACO-18.)