

# ORIGINAL

SIDE ONE

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

API NO. 15- 175-20,472-A 0001

County Seward

C NW SW Sec. 29 Twp. 33S Rge. 34 X East West

1980 Ft. North from Southeast Corner of Sec

4620 Ft. West from Southeast Corner of Section  
(NOTE: Locate well in section plat below.)

Lease Name Fincham "F" Well # 1H

Field Name Hugoton

Producing Formation Chase

Elevation: Ground 2943 KB NA

Operator: License # 5598

Name: APX Corporation

Address: P. O. Box 351

City/State/Zip: Liberal, Kansas 67905-0351

Purchaser: Panhandle Eastern Pipe Line Company (Transporter)

Operator Contact Person: J. L. Ashton  
Phone: (316) 624-6253

Designate Type of Original Completion  
     New Well X Re-Entry      Workover

Date of Original Completion 5-1-81

Name of Original Operator Anadarko Petroleum Corp.

Original Well Name Fincham "F" No. 1

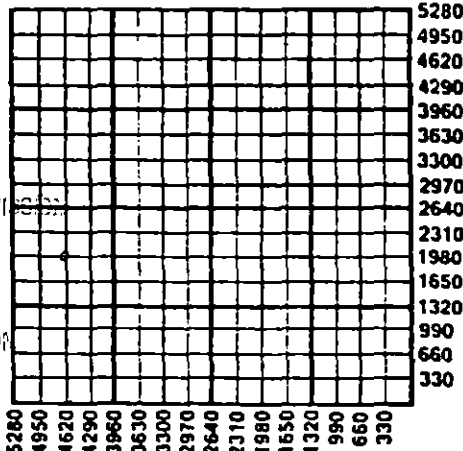
Date of Recompletion: 9-12-90 1-11-91

Commenced 9-12-90 Completed 1-11-91

Re-entry  Workover

Designate Type of Recompletion/Workover:  
X Oil      SWD      Temp. Abd.  
X Gas      Inj      Delayed Comp.  
     Dry      Other (Core, Water Supply, etc.)  
X Deepening X Re-perforation  
X Plug Back 2880 PBD  
     Conversion to Injection/Disposal

Is recompleted production:  
     Commingled Docket No.       
     Dual Completion Docket No.       
     Other (Disposal or Injection?) Docket No.     



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CONSERVATION DIVISION  
Wichita, Kansas

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 Beverly J. Williams Title Engineering Technician Date 2-7-91

Subscribed and sworn to before me this 7th day of February 19 91

Notary Public Cheryl Steed Date Commission Expires     



ORIGINAL

SIDE TWO

Operator Name APX Corporation Lease Name Fincham "F" Well # 1H

Sec. 29 Twp. 33S Rge. 34  
 East  
 West

County Seward

RECOMPLETION FORMATION DESCRIPTION

Log  Sample

Name	Top	Bottom
Blaine	NOT LOGGED	
Cedar Hills	NOT LOGGED	
Stone Corral	1664	1732
Chase	2646	3004
Council Grove	3004	NA
TD		6394

ADDITIONAL CEMENTING/SQUEEZE RECORD					
Purpose:	Depth		Type of Cement	# Sacks Used	Type and Percent Additives
	Top	Bottom			
<input type="checkbox"/> Perforate					
<input type="checkbox"/> Protect Casing					
<input type="checkbox"/> Plug Back TD	2630	2631	Class "H"	100	.6% Halad 322
<input checked="" type="checkbox"/> Plug Off Zone					

Shots Per Foot	PERFORATION RECORD	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)
	Specify Footage of Each Interval Perforated	
2	2746-2760	A/5600 gals 50% N2-28% stable gelled fe acid. A/1590 gals 50% N2-28% fe acid.
2	2706-36, 2668-78	A/14,000 gals 50% N2-28% stable gelled fe acid. A/4550 gals 50% N2-28% fe acid.
2	6298'-6308'	

PBTD 2880 Plug Type Cement Retainer

TUBING RECORD

Size None Set At \_\_\_\_\_ Packer At \_\_\_\_\_ Was Liner Run \_\_\_\_\_ Y X N

Date of Resumed Production, Disposal or Injection SI WO Pipeline

Estimated Production Per 24 Hours Oil - Bbls. Water - Bbls. - Gas-Oil-Ratio  
Gas 658 Mcfd @ 80 psi.

Disposition of Gas:  
 Vented  Sold  Used on Lease (If vented, submit ACO-18.)



**HALLIBURTON SERVICES**  
**JOB LOG**

WELL NO. #1-H LEASE FULTON #1 TICKET NO. 0243312

CUSTOMER FARMWORK PRODUCTION CORP PAGE NO. 1

**ORIGINAL**

FORM 2013 R-2

JOB TYPE 4" EZ 2" & Plug Squeeze DATE 12-12-90

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	0530							CALLED OUT. JOB READY 0800
	0730							DRILL LOG COMMENCED. SILENCE UP.
	0740							WIRE LINE OPERATIONS COMPLETE. EZ SU LET @ 2800'. REG LOGGED DOWN.
	0915							START STRIPBURE & JUMP IN HOLE ON 2 1/2" TUB. STEM LINE RETAIRED (14 FT + 14' OF SUBS) REG UP TO SQUEEZE.
1	1040	2		1		0		START 2% KCL WATER DOWN TUB.
2	1045	3	92	1		250		TUB LOGGED. PLUG ON ANNULAR.
3	1055	3	37	1		700		BROKE CIRCULATION. PARTIAL RETURNS.
4	1115	3	101	1		900		LOST CIRCULATION.
5	1120	3	120	1		800		120 BBL 2% KCL WATER IN. START 1740 FLUSH
6	1128	3	22	1		800		22 BBL MUD FLUSH IN. REGAINED PARTIAL RETURNS.
7	1131	3	30	1		800		30 BBL MUD FLUSH IN. START 2% KCL. STILL PARTIAL RETURNS.
8	1134	3	10	1		800		START 100 LBS PREMIUM CEMENT 4/10% HALAD-322 MIXED AT 15.6 #/GAL. STILL PARTIAL RETURNS.
9	1142	3	21	1		800		START DISPLACEMENT. STILL PARTIAL RETURNS.
10	1145		11			200		TUB DISPLACEMENT IN. START. 200 BBL DIFFERENTIAL PRE. STRING OUT OF EZ SU. REG DOWN TUB & START OUT OF HOLE
	1230							TUB OUT OF HOLE.
I THANK YOU FOR CALLING HALLIBURTON WYBORN, KURT, CARL, & JIM								

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REGISTRATION DIVISION  
Wichita, Kansas

CUSTOMER

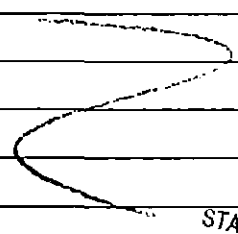
# HALLIBURTON SERVICES JOB LOG

WELL NO. "1-H LEASE F 7 1 1/2 TICKET NO. 242516 : 19 24 91  
 CUSTOMER HALLIBURTON SERVICE COMPANY PAGE NO. 1  
 JOB TYPE 1 - RE-DRILL DATE 10-14-90

FORM 2013 R-2

**ORIGINAL**

CHART NO.	TIME	RATE (BPM)	VOLUME (BBB) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				C		TUBING	CASING	
	0700							DRILLED OUT. JAIL KEYS/D. GROUND.
	0730							DRILLED OUT. WAST. CORE REB. CORE.
	0840							TRAIL 1 1/2 EC LUGS IN 700 HOLE ON T36.
	0950							SET C 2 DRILL SV AT 2626 FT (86 JOINTS) RIG UP.
1	1005		8		1		500	PREP UP 8 ANNUALS TO 500 PSI.
2	1006	8		1		0		LOAD T36 WITH 2% KCL WATER
3	1007	1 1/4	3	1		850		1 1/4 (BPM) AT 850 PSI
4	1005	1 1/4	50	1		1000		COBBL 2% KCL IN. START 11 MIN FLUSH
5	1040	1 1/4	10	1		1600		START 2% KCL.
6	1045	1 1/4	10	1		1800		START 100 SK. PRESSION <del>TO</del> 1/10% HOLD-SEC INDEXED AT 16.4 1/2 MIN.
7	1054	1 1/4	19	1		300		CURT IN START DEPLETION-UT.
8	1100		10 1/4			1000-700		DEPLETION IN. PRE BUILT UP TO 1000 PSI WORKED PUMPING WORKED BACK TO 1000 PSI
9	1101	2		1		300		SHUT OUT OF EZSU START REVERSE OUT.
10	1111		20					REVERSE OUT COMPLETE. SHUT DOWN KNICK LOOSE.
	1112							START OUT OF HOLE WITH T36
	260							TUG OUT.
								THANK YOU FOR CALLING HALLIBURTON! MYRON, GENE, TERRY, & MIKE



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 CONSERVATION DIVISION  
 Topeka, Kansas

CUSTOMER

**WELL DATA**

FIELD \_\_\_\_\_ SEC. **29** TWP. **33** RNG. **34** COUNTY **SEWARD** STATE **KS.**

FORMATION NAME **ORIGINAL** TYPE \_\_\_\_\_

FORMATION THICKNESS FROM \_\_\_\_\_ TO \_\_\_\_\_

INITIAL PROD. OIL \_\_\_\_\_ BPD. WATER \_\_\_\_\_ BPD. GAS \_\_\_\_\_ MCFD \_\_\_\_\_

PRESENT PROD. OIL \_\_\_\_\_ BPD. WATER \_\_\_\_\_ BPD. GAS \_\_\_\_\_ MCFD \_\_\_\_\_

COMPLETION DATE \_\_\_\_\_ MUD TYPE \_\_\_\_\_ MUD WT. \_\_\_\_\_

PACKER TYPE **E25U** SET AT **2620'**

BOTTOM HOLE TEMP. \_\_\_\_\_ PRESSURE \_\_\_\_\_

MISC. DATA \_\_\_\_\_ TOTAL DEPTH \_\_\_\_\_

**JOB DATA**

CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <b>12-14-90</b>	DATE <b>12-14-90</b>	DATE <b>12-14-90</b>	DATE <b>12-14-90</b>
TIME <b>0500</b>	TIME <b>0750</b>	TIME <b>0840</b>	TIME <b>1200</b>

**PERSONNEL AND SERVICE UNITS**

NAME	UNIT NO. & TYPE	LOCATION
<b>M. HESTON</b>	<b>PO</b>	
<b>S. DAVIS</b>	<b>PO</b>	<b>LIBERAL KS</b>
<b>T. BUKANNAN</b>	<b>PO</b>	
<b>M. GILBERT</b>	<b>PO</b>	<b>Hopewell KS</b>

**TOOLS AND ACCESSORIES**

TYPE AND SIZE	QTY.	MAKE
PACKER <b>4 1/2 E25U</b>	<b>1</b>	<b>HALLIBURTON</b>

**MATERIALS**

TREAT. FLUID \_\_\_\_\_ DENSITY \_\_\_\_\_ LB/GAL. API

DISPL. FLUID **2% PCL** DENSITY \_\_\_\_\_ LB/GAL. API

PROP. TYPE \_\_\_\_\_ SIZE \_\_\_\_\_ LB.

ACID TYPE \_\_\_\_\_ GAL. \_\_\_\_\_ %

SURFACTANT TYPE \_\_\_\_\_ GAL. \_\_\_\_\_ IN

NE AGENT TYPE \_\_\_\_\_ GAL. \_\_\_\_\_ IN

FLUID LOSS ADD. TYPE \_\_\_\_\_ GAL.-LB. \_\_\_\_\_ IN

GELLING AGENT TYPE \_\_\_\_\_ GAL.-LB. \_\_\_\_\_ IN

FRIC. RED. AGENT TYPE \_\_\_\_\_ GAL.-LB. \_\_\_\_\_ IN

BREAKER TYPE \_\_\_\_\_ GAL.-LB. \_\_\_\_\_ IN

BLOCKING AGENT TYPE \_\_\_\_\_ GAL.-LB. \_\_\_\_\_ IN

PERFPAC BALLS TYPE \_\_\_\_\_ QTY. \_\_\_\_\_

OTHER \_\_\_\_\_

DEPARTMENT **Tools & Equipment**

DESCRIPTION OF JOB **4 1/2 E25U**

JOB DONE THRU: TUBING  CASING  ANNULUS  TBG/ANN.

CUSTOMER REPRESENTATIVE **X [Signature]**

HALLIBURTON OPERATOR **[Signature]** COPIES REQUESTED **2**

**CEMENT DATA**

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
	<b>100</b>	<b>11</b>	<b>11</b>	<b>R</b>	<b>6% Hibond-522</b>	<b>1.0</b>	<b>154</b>

**PRESSURES IN PSI**

**SUMMARY**

**VOLUMES**

CIRCULATING \_\_\_\_\_ DISPLACEMENT \_\_\_\_\_ PRESLUSH (BBL-GAL) **PO** TYPE \_\_\_\_\_

BREAKDOWN \_\_\_\_\_ MAXIMUM \_\_\_\_\_ LOAD & BKDN (BBL-GAL) **21** PAD: BBL-GAL \_\_\_\_\_

AVERAGE \_\_\_\_\_ FRACTURE GRADIENT \_\_\_\_\_ TREATMENT: BBL-GAL \_\_\_\_\_ DISPL (BBL-GAL) **10.25**

SHUT-IN: INSTANT \_\_\_\_\_ 5-MIN \_\_\_\_\_ 15-MIN \_\_\_\_\_ CEMENT SLURRY (BBL-GAL) **14**

ORDERED \_\_\_\_\_ AVAILABLE \_\_\_\_\_ USED \_\_\_\_\_ TOTAL VOLUME (BBL-GAL) **110.25**

TREATING \_\_\_\_\_ DISPL \_\_\_\_\_ OVERALL \_\_\_\_\_

FEET **P1** REASON \_\_\_\_\_

CUSTOMER: **John Harbo P-T Corp**

LEASE: **Stocham**

WELL NO: **1-A**

JOB TYPE: **4 1/2 E25U - 15 min - 25**

DATE: **12-14-90**

WELL DATA  
FIELD HUBBARD SEC 17 TWP. 32 RING. 270 COUNTY ST. URBAN STATE KY

FORMATION NAME \_\_\_\_\_  
FORMATION THICKNESS \_\_\_\_\_ FROM \_\_\_\_\_ TO \_\_\_\_\_  
INITIAL PROD: OIL \_\_\_\_\_ BPD. WATER \_\_\_\_\_ BPD. GAS \_\_\_\_\_ MCFD  
PRESENT PROD: OIL \_\_\_\_\_ BPD. WATER \_\_\_\_\_ BPD. GAS \_\_\_\_\_ MCFD  
COMPLETION DATE \_\_\_\_\_ MUD TYPE \_\_\_\_\_ MUD WT. \_\_\_\_\_  
PACKER TYPE EZ DRILL SV SET AT 2150  
BOTTOM HOLE TEMP. \_\_\_\_\_ PRESSURE \_\_\_\_\_  
MISC. DATA \_\_\_\_\_ TOTAL DEPTH \_\_\_\_\_

**ORIGINAL**

	NEW USED	WEIGHT	SIZE	FROM	TO	MAXIMUM PSI ALLOWABLE
CASING	12	10.5	4 1/2	6.6		
LINER						
TUBING	12	4.1	2 1/2	6.6	2750	
OPEN HOLE						SHOTS/FT.
PERFORATIONS				2100	2601	
PERFORATIONS				2100	2761	
PERFORATIONS						

**TOOLS AND ACCESSORIES**

TYPE AND SIZE	QTY.	MAKE
FLOAT COLLAR		
FLOAT SHOE		
GUIDE SHOE		
CENTRALIZERS		
BOTTOM PLUG		
TOP PLUG		
HEAD		
PACKER <u>EZ DRILL SV 4 1/2</u>	<u>1</u>	<u>HUBBARD</u>
OTHER		

**JOB DATA**

CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <u>12-14-90</u> TIME <u>0500</u>	DATE <u>12-14-90</u> TIME <u>1:00</u>	DATE <u>12-14-90</u> TIME <u>1:00</u>	DATE <u>12-14-90</u> TIME <u>5:00</u>

**MATERIALS**

TREAT. FLUID \_\_\_\_\_ DENSITY \_\_\_\_\_ LB/GAL. API  
DISPL. FLUID 2% KCL DENSITY 8.4 LB/GAL. API  
PROP. TYPE \_\_\_\_\_ SIZE \_\_\_\_\_ LB.  
ACID TYPE \_\_\_\_\_ GAL. %  
SURFACTANT TYPE \_\_\_\_\_ GAL. IN  
NE AGENT TYPE \_\_\_\_\_ GAL. IN  
FLUID LOSS ADD. TYPE \_\_\_\_\_ GAL.-LB. IN  
GELLING AGENT TYPE \_\_\_\_\_ GAL.-LB. IN  
FRIC. RED. AGENT TYPE \_\_\_\_\_ GAL.-LB. IN  
BREAKER TYPE \_\_\_\_\_ GAL.-LB. IN  
BLOCKING AGENT TYPE \_\_\_\_\_ GAL.-LB. IN  
PERFPAC BALLS TYPE \_\_\_\_\_ QTY. \_\_\_\_\_  
OTHER 400 GAL MUD FLUSH  
OTHER \_\_\_\_\_

**PERSONNEL AND SERVICE UNITS**

NAME	UNIT NO. & TYPE	LOCATION
<u>MYRON HESION</u>	<u>35794</u>	<u>LEWISVILLE, KY</u>
<u>E 76568</u>	<u>PROCUR</u>	
<u>ERLE DAVES</u>	<u>40076</u>	<u>LEWISVILLE, KY</u>
<u>H 71563</u>	<u>REGULAR</u>	
<u>TIM KATHLEMAN</u>	<u>3620-10060</u>	<u>LEWISVILLE, KY</u>
<u>H 87148</u>	<u>15129 6000</u>	
<u>GRAY CORNIS</u>	<u>6225-6000</u>	<u>HUBBARD, KY</u>
<u>E 00233</u>	<u>BULK</u>	

DEPARTMENT TOOLS - TESTING CEMENT  
DESCRIPTION OF JOB PAV F. EZ DRILL SV 113  
BLUCK SQUARE  
JOB DONE THRU: TUBING  CASING  ANNULUS  TBG/ANN.   
CUSTOMER REPRESENTATIVE X  
HALLIBURTON OPERATOR 113  
COPIES REQUESTED 2

**CEMENT DATA**

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
<u>1</u>	<u>100</u>		<u>PREMIUM</u>	<u>B</u>	<u>7/10% HUBBARD-320</u>	<u>1.06</u>	<u>16.4</u>

**PRESSURES IN PSI** \_\_\_\_\_  
**SUMMARY** \_\_\_\_\_  
**VOLUMES** \_\_\_\_\_  
CIRCULATING \_\_\_\_\_ DISPLACEMENT \_\_\_\_\_ PRESLUSH (BBL)-GAL. 70 TYPE \_\_\_\_\_  
BREAKDOWN \_\_\_\_\_ MAXIMUM \_\_\_\_\_ LOAD & BKDN: (BBL)-GAL. 18 PAD: BBL-GAL. \_\_\_\_\_  
AVERAGE \_\_\_\_\_ FRACTURE GRADIENT \_\_\_\_\_ TREATMENT: BBL-GAL. \_\_\_\_\_ DISPL (BBL)-GAL. 10.75  
SHUT-IN: INSTANT \_\_\_\_\_ 5-MIN. \_\_\_\_\_ 15-MIN. \_\_\_\_\_ CEMENT SLURRY (BBL)-GAL. 19  
HYDRAULIC HORSEPOWER \_\_\_\_\_ TOTAL VOLUME: BBL-GAL. 117.75  
ORDERED \_\_\_\_\_ AVAILABLE \_\_\_\_\_ USED \_\_\_\_\_ AVERAGE RATES IN BPM \_\_\_\_\_  
TREATING \_\_\_\_\_ DISPL. \_\_\_\_\_ OVERALL \_\_\_\_\_ CEMENT LEFT IN PIPE \_\_\_\_\_  
FEET 10' REASON \_\_\_\_\_

CUSTOMER \_\_\_\_\_  
LEASE \_\_\_\_\_  
WELL NO. \_\_\_\_\_  
JOB TYPE \_\_\_\_\_  
DATE 12-14-90

# HALLIBURTON SERVICES JOB LOG

WELL NO. 2 H LEASE CHERRY HILL #14 TICKET NO. 043317 + 043438  
 CUSTOMER HALLIBURTON SERVICES PAGE NO. 1  
 JOB TYPE 4" TUBING DATE 12-14-90

FORM 2013 R-2

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1250							STARTED PLOT. IN READY TO GO. UPON
	1300							STARTED (COMPLETION OF FENCHAM F 31 JOB
	1310							STARTED START STARTING UP. STARTING UP.
1	1315	2		1		0		START 2% SOL. CONT. TUB.
2	1326	2	113	1		350		STARTED AND BEGAN CIRCULATION. FULL RETURN.
3	1345	2	170	1		350		START 1000 FULCH. FULL RETURN.
4	1350	2	10	1		350		START 2% SOL. FULL RETURN.
5	1355	2	10	1		300		START 100% 100% CONT 6 1/2" HALLIBURTON
								STARTED AT 16 1/2" GAL. FULL RETURN.
6	1404	2	107	1		0		START DISPLACEMENT. FULL RETURN.
7	1407	2	7	1		700		PARTIAL RETURN.
8	1410		1074			700		NO RETURN. DISPLACEMENT END. START
								DOWN.
	1411							STARTING OUT OF E250.
	1413							START OUT OF 1000 WITH TUB.
	1500							TUB OUT.
								THANK YOU FOR CALLING HALLIBURTON
								AT 11:00, 8:00, 7:00, 6:00

ORIGINAL

RECEIVED  
 STATE COMMISSION  
 MAR 15 1991  
 VICTORIA, TEXAS

CUSTOMER