

SIDE ONE

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

API NO. 15- 065-21,987 0001

County Graham

SE SE NW Sec. 17 Twp. 9S Rge. 21 X East West

Operator: License # 5565 ZAP 2416 -2970 KCC

Name: National Cooperative Refinery Association  
Address: 6000 W. 10th

City/State/Zip: Great Bend, KS 67530

Purchaser: Mobil

Operator Contact Person: Steve Brackeen  
Phone: (316) 793-7824

Designate Type of Original Completion  
 New Well  Re-Entry  Workover

Date of Original Completion 6-21-84

Name of Original Operator Fina

Original Well Name Cooley B-14

Date of Recompletion:

4-24-90 5-01-90  
Commenced Completed

Re-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 3720 PBD  
 Conversion to Injection/Disposal

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

2416 -2970 Ft. North from Southeast Corner of Section

3076 -2970 Ft. West from Southeast Corner of Section

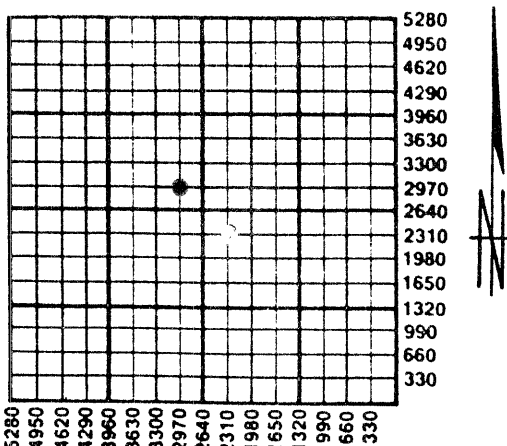
(NOTE: Locate well in section plat below.)

Lease Name Cooley B Well # 14

Field Name Morel

Producing Formation I-KC

Elevation: Ground 2267 KB 2272



RECEIVED  
7/24/90  
JUL 24 1990  
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 Steve Brackeen Title District Foreman Date 7-20-90

Subscribed and sworn to before me this 20th day of July 19 90

Notary Public Rhonda McKenzie Date Commission Expires 7-18-94

NOTARY PUBLIC-STATE of KANSAS  
RHONDA MCKENZIE  
My Appt. Exp. 7-18-94

FORM ACO-2  
7/89

**SIDE TWO**

Operator Name National Cooperative Refinery Lease Name Cooley B Well # 14  
 Association  East  
 Sec. 17 Twp. 9S Rge. 21  West  
 County Graham

**RECOMPLETION FORMATION DESCRIPTION**

Log  Sample

<u>Name</u>	<u>Top</u>	<u>Bottom</u>
LKC "B"	3510	3514
LKC "K"	3656	3659

**ADDITIONAL CEMENTING/SQUEEZE RECORD**

Purpose: <input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> 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)
	Top	Bottom	
4	3656	3659	4½ BBL-15% acid
4	3510	3514	250 GAL-15% acid

PBTD 3720 Plug Type CIBP

**TUBING RECORD**

Size 2 7/8 Set At 3666' Packer At \_\_\_\_\_ Was Liner Run  Y  N

Date of Resumed Production, Disposal or Injection 5-01-90

Estimated Production Per 24 Hours Oil 54.50 Bbls. Water 9.60 Bbls. - Gas-Oil-Ratio

Gas ----- Mcf

Disposition of Gas:

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

CUSTOMER COPY



REMIT TO:  
P.O. BOX 951046  
DALLAS, TX 75395-1046

INVOICE

INVOICE NO.	DATE
HL L43822	04/27/1990

WELL LEASE NO.	WELL LOCATION	STATE	WELL OWNER		
COOLEY B 14	GRAHAM	KS	SAME		
SERVICE LOCATION	CONTRACTOR	JOB PURPOSE	TICKET DATE		
GREAT BEND		PERFORATING	04/27/1990		
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO.
622920	TOM BERGIN			COMPANY TRUCK	94342

NATIONAL COOPERATIVE  
REFINERY ASSOCIATION  
P. O. BOX 1404  
MC PHERSON, KS 67460-1404

DIRECT CORRESPONDENCE TO:  
HALLIBURTON LOGGING SERVICES  
LIBERTY TOWER, SUITE 1540  
OKLAHOMA CITY, OK 73102-8603

PRICE REF. NO.	DESCRIPTION	QUANTITY	U/M	UNIT PRICE	AMOUNT
<b>PRICING AREA - HLS LAND</b>					
750-500	SERVICE CHARGE - CASED HOLE	1	EA	865.00	865.00 *
754-800	MSG GAMMA COLLAR CBL	3766	FT	.42	1,581.72 *
754-801	MSG GAMMA COLLAR CBL OPER	916	FT	.42	840.00MN*
757-008	PLUGS-SPEED-E-LINE, THRIPTEE	3720	FT	.24	892.80
757-012	PLUGS-SPEED-E-LINE OR THRIPTEE	5.5	IN	670.00	670.00
		1	EA		
757-300	PERF CASING GUNS PREMIUM CHG	3659	FT	960.00	960.00 *
		12	SH		
757-302	PERF CASING GUNS PREMIUM CHG	3514	FT	480.00	480.00 *
		16	SH		
INVOICE SUBTOTAL					6,289.52
DISCOUNT-(BID)					3,197.52-
INVOICE BID AMOUNT					3,092.00
*-KANSAS STATE SALES TAX					86.57
*-BARTON COUNTY SALES TAX					20.38
INVOICE TOTAL - PLEASE PAY THIS AMOUNT					\$3,198.95

RECEIVED  
STATE CORPORATION COMMISSION

JUL 24 1990

CONSERVATION  
Wichita, Kansas

AFE \* 1-0-162

**TERMS** INVOICES PAYABLE NET BY THE 20TH OF THE FOLLOWING MONTH AFTER DATE OF INVOICE. UPON CUSTOMER'S DEFAULT IN PAYMENT OF CUSTOMER'S ACCOUNT BY THE LAST DAY OF THE MONTH FOLLOWING THE MONTH IN WHICH THE INVOICE IS DATED, CUSTOMER AGREES TO PAY INTEREST THEREON AFTER DEFAULT AT THE HIGHEST LAWFUL CONTRACT RATE APPLICABLE BUT NEVER TO EXCEED 18% PER ANNUM. IN THE EVENT IT BECOMES NECESSARY TO EMPLOY AN ATTORNEY TO ENFORCE COLLECTION OF SAID ACCOUNT, CUSTOMER AGREES TO PAY ALL COLLECTION COSTS AND ATTORNEY FEES IN THE AMOUNT OF 20% OF THE AMOUNT OF THE UNPAID ACCOUNT.



**HALLIBURTON SERVICES**

A Halliburton Company

**INVOICE**

INVOICE NO.	DATE
910606	04/30/1990

WELL LEASE NO./PLANT NAME		WELL/PLANT LOCATION		STATE	WELL/PLANT OWNER
OOLEY B-14		GRAHAM		KS	SAME
SERVICE LOCATION		CONTRACTOR	JOB PURPOSE		TICKET DATE
HAYS		HEMBREE	ACIDIZE FORMATION		04/30/1990
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO.
22920	TOM BERGIN			COMPANY TRUCK	94295

DIRECT CORRESPONDENCE TO:

NATIONAL COOPERATIVE  
REFINERY ASSOCIATION  
6000 W. 10TH  
GREAT BEND, KS 67530

SUITE 600  
COLORADO DERBY BUILDING  
WICHITA, KS 67202-0000

PRICE REF. NO.	DESCRIPTION	QUANTITY	U/M	UNIT PRICE	AMOUNT
200-006	TRICING AREA - MID CONTINENT MILEAGE	45	MI	2.20	99.00
200-024	PUMPING SERVICE FIRST 4 HRS	1	UNT		
		1	PMP	472.00	472.00
		1	EA		
201-004	HYDROCHLORIC ACID	15	X	.51	255.00
		500	GAL		
210-011	HAI-85	1/2	GAL	39.00	19.50
218-537	3N	2	GAL	21.50	43.00
218-505	PEN - 88	1	GAL	41.00	41.00
	<b>X INVOICE SUBTOTAL</b>				<b>929.50</b>
	<b>DISCOUNT-(BID)</b>				<b>185.90-</b>
	<b>INVOICE BID AMOUNT</b>				<b>743.60</b>
	<b>*-KANSAS STATE SALES TAX</b>				<b>19.42</b>
	<b>*-HAYS CITY SALES TAX</b>				<b>2.29</b>
	<b>INVOICE TOTAL - PLEASE PAY THIS AMOUNT</b>				<b>\$765.31</b>

RECEIVED  
STATE CORPORATION COMMISSION

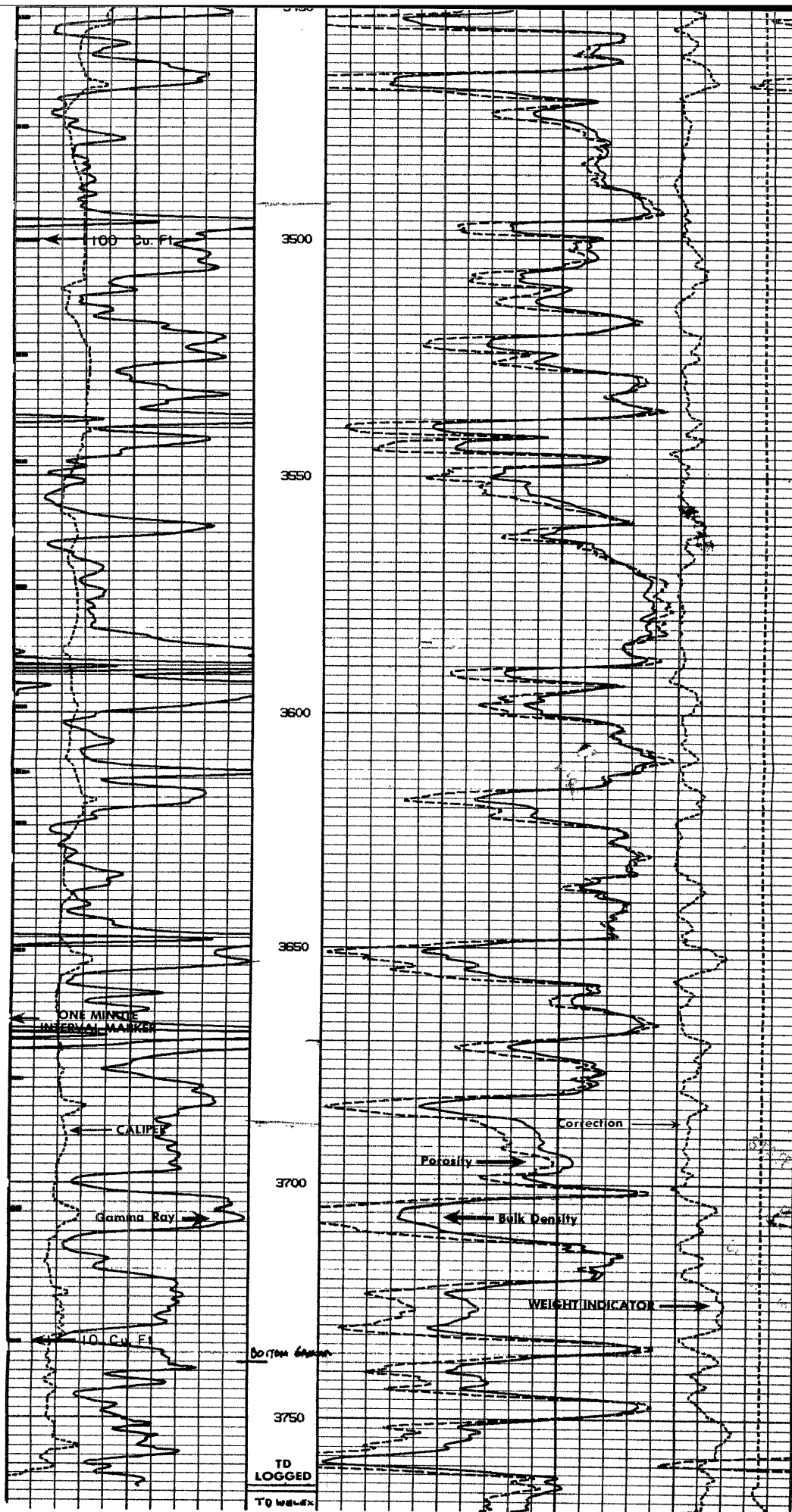
JUL 24 1990

CONSERVATION DIVISION  
Wichita, Kansas

*2718*  
*2660*  
*SB*  
*5-8-90*  
*AFE # 1-0-162*

*7/30/90*

**TERMS** INVOICES PAYABLE NET BY THE 20TH OF THE FOLLOWING MONTH AFTER DATE OF INVOICE UPON CUSTOMER'S DEFAULT IN PAYMENT OF CUSTOMER'S ACCOUNT BY THE LAST DAY OF THE MONTH FOLLOWING THE MONTH IN WHICH THE INVOICE IS DATED. CUSTOMER AGREES TO PAY INTEREST THEREON AFTER DEFAULT AT THE HIGHEST LAWFUL CONTRACT RATE APPLICABLE BUT NEVER TO EXCEED 18% PER ANNUM. IN THE EVENT IT BECOMES NECESSARY TO EMPLOY AN ATTORNEY TO ENFORCE COLLECTION OF SAID ACCOUNT, CUSTOMER AGREES TO PAY ALL COLLECTION COSTS AND ATTORNEY FEES IN THE AMOUNT OF 20% OF THE AMOUNT OF THE UNPAID ACCOUNT.



TD  
LOGGED  
TQ 10454x

RECEIVED  
REGISTRATION COMMISSION  
APR 24 1990  
L. Wilson  
10454x