

SIDE ONE

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

Operator: License # 8735
Name: S & M Oil Company
Address 205 N. Jefferson

City/State/Zip Plainville, KS 67663

Purchaser: Koch Ind.

Operator Contact Person: Steve Crawford

Phone (913) 434-2829

Contractor: Name: Red Tiger Drilling

License: 5302

Wellsite Geologist: Steve Crawford

Designate Type of Completion

New Well Re-Entry Workover
 Oil SWD Temp. Abds.
 Gas Inj Delayed Comp.
 Dry Other (Core, Water Supply, etc.)

If OWO: old well info as follows:

Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

Drilling Method:

Mud Rotary Air Rotary Cable

2-6-90 2-11-90 3-1-90

Spud Date Date Reached TD Completion Date

API NO. 15- 163-23.078 - 0000

County Rooks

70W NE NE1/4 Sec. 1 Twp. 9 Rge. 17W X East West

4950 Ft. North from Southeast Corner of Section

400 Ft. West from Southeast Corner of Section

(NOTE: Locate well in section plat below.)

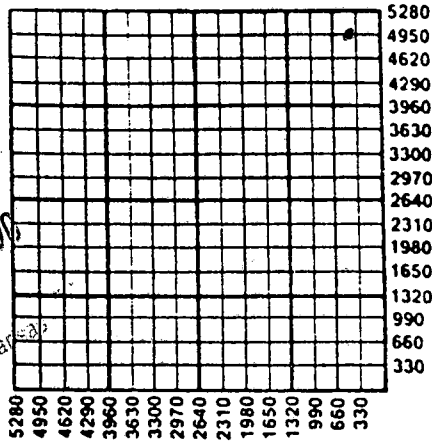
Lease Name Hrabe "A" Well # 2

Field Name Hrabe

Producing Formation K.C.

Elevation: Ground 1943 KB 1948

Total Depth 3420' PBTD 3387



6-15-90

Amount of Surface Pipe Set and Cemented at 225 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set 1272 - 1275 Feet

If Alternate II completion, cement circulated from 1275

feet depth to surface w/ 340 sx cmt.

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 spud date of any well. Rule 82-3-130, 82-3-107 and 82-3-106 apply. Information on side two of this form will be held confidentially 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 drillers time log 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. Any recompletion, workover or conversion of a well requires filing of ACO-2 within 120 days from commencement date of such work.

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 Crawford

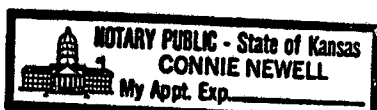
Title Owner & Operator Date 4-28-90

Subscribed and sworn to before me this 28 day of April, 19 90.

Notary Public Connie Newell

Date Commission Expires 4-9-94

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



ORIGINAL

Form ACO-1 (7-89)

DI
X

SIDE TWO

Operator Name S & M Oil Company Lease Name Hrabe "A" Well # 2
 Sec. 1 Twp. 9 Rge. 17W East County Rooks 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.

<p>Drill Stem Tests Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (Attach Additional Sheets.)</p> <p>Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No (Submit Copy.)</p>	<p style="text-align: center;">Formation Description</p> <p><input checked="" type="checkbox"/> Log <input type="checkbox"/> Sample</p> <p>Name _____ Top _____ Bottom _____</p>
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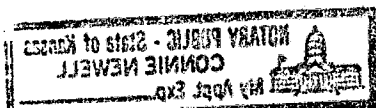
CASING RECORD <input type="checkbox"/> New <input checked="" type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs./Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
surface	12 1/4	8 5/8	20#	225	60/40 poz	140	2% gel, 3%cc
production	7 7/8	5 1/2	14#	3417	60/40 poz	120	8% salt, 2% gel, 4%
					50/50 poz	340	6% gel gilsonite
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
Shots Per Foot	Specify Footage of Each Interval Perforated			Depth			(Amount and Kind of Material Used)
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
	Size	Set At	Packer At				
Date of First Production	Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)						
3-1-90							
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity		

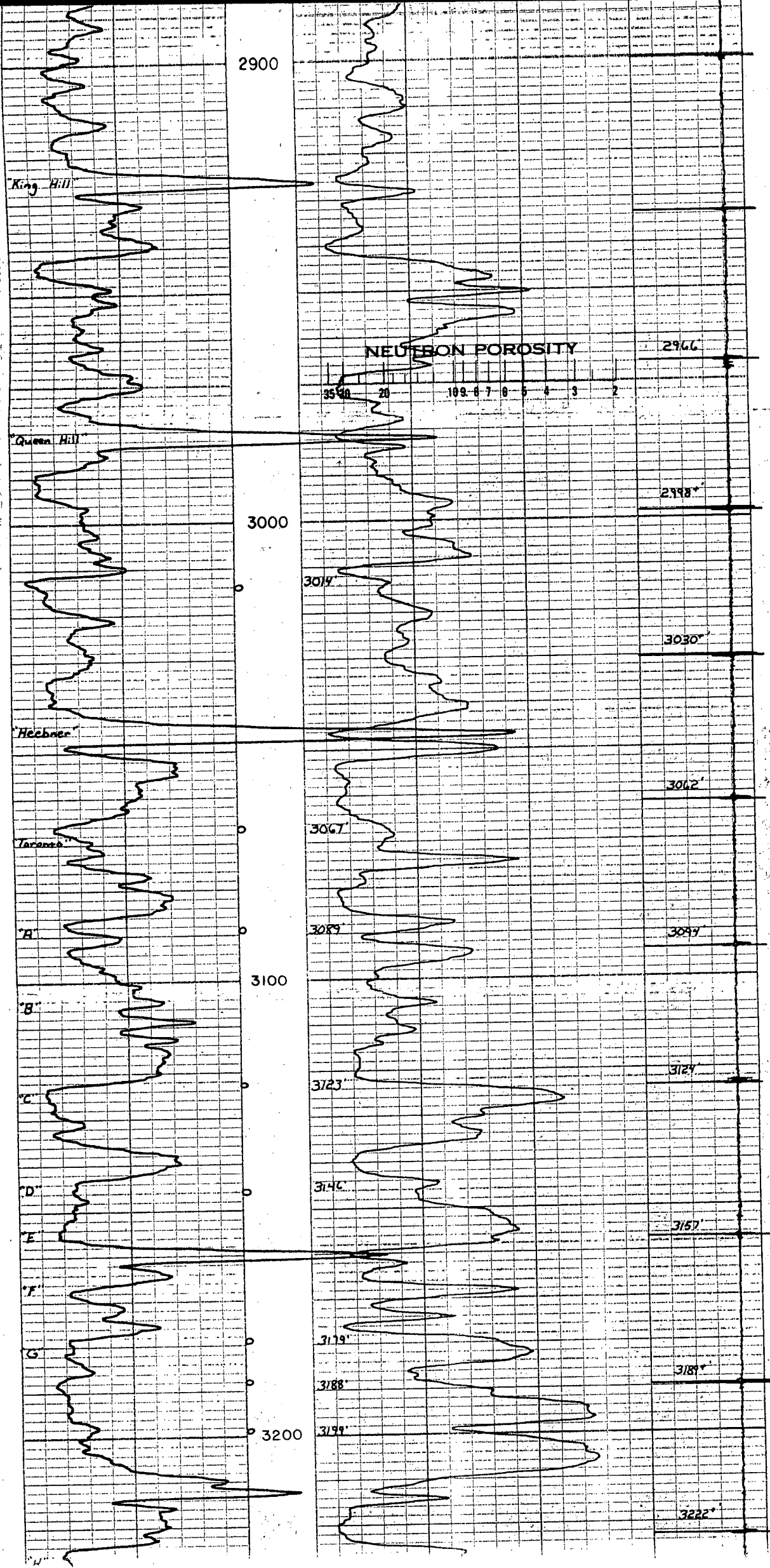
Disposition of Gas: Vented Sold Used on Lease (If vented, submit ACO-18.)

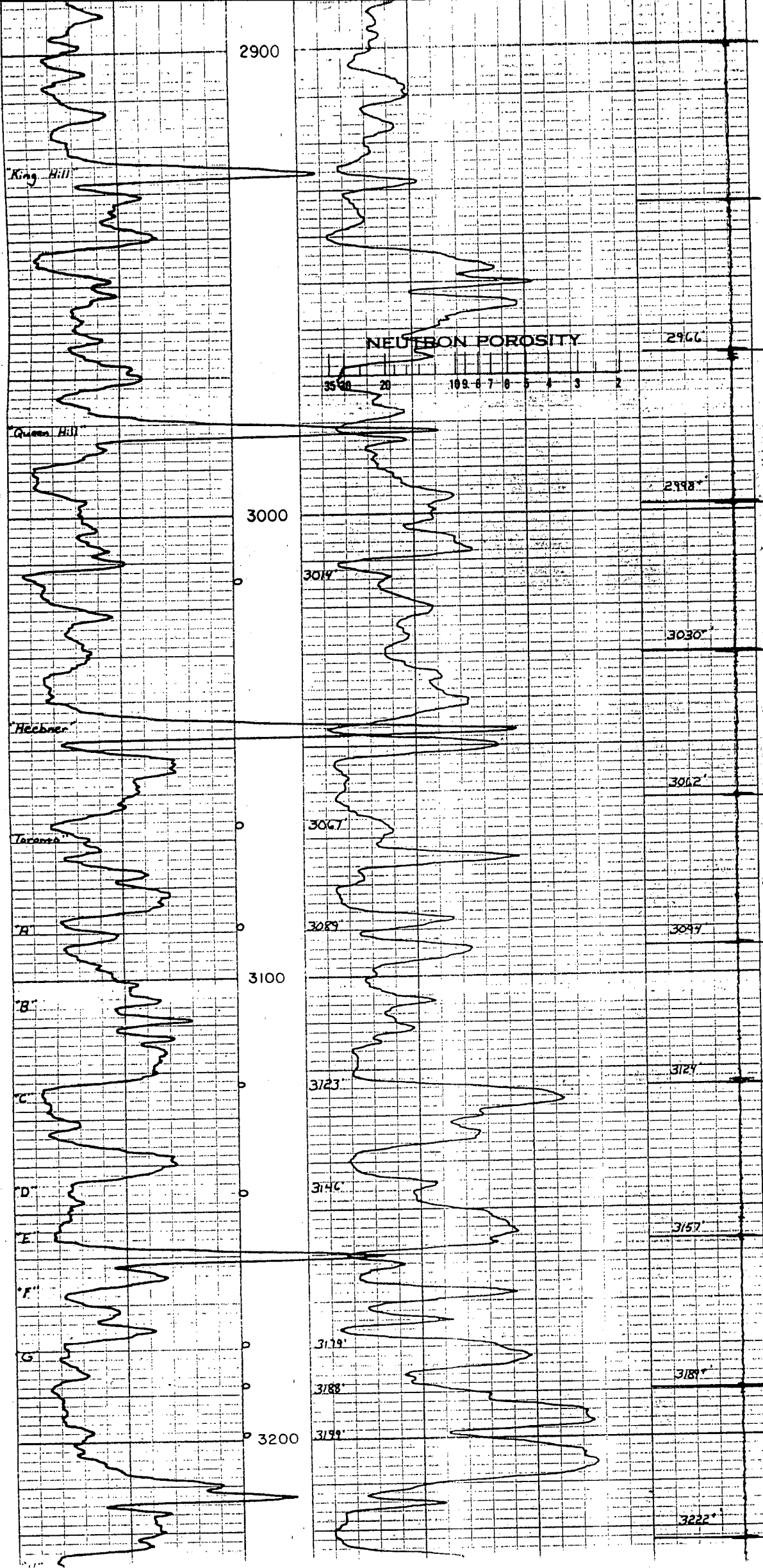
METHOD OF COMPLETION: Open Hole Perforation Dually Completed Commingled Other (Specify) _____

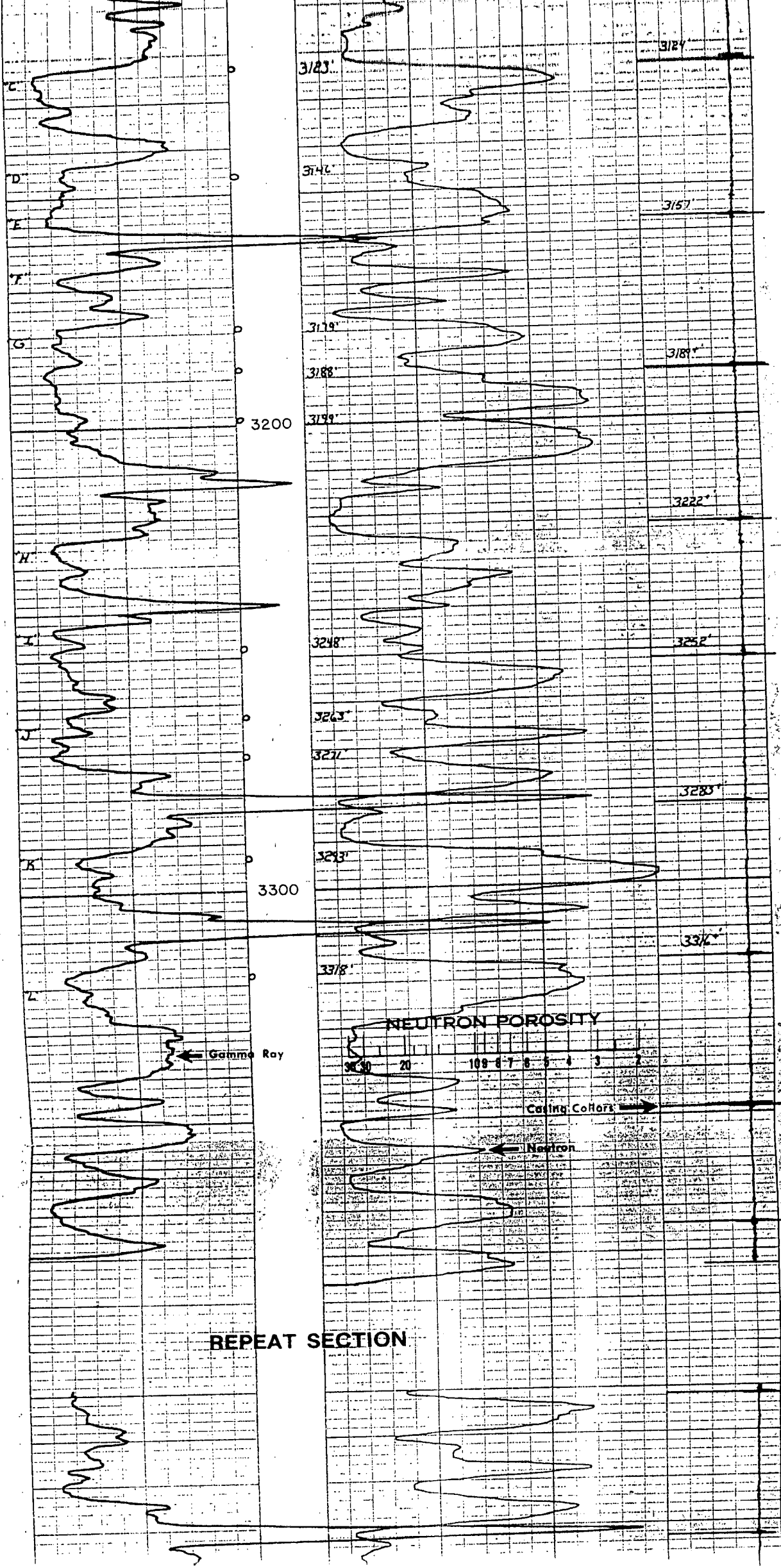
Production Interval: _____

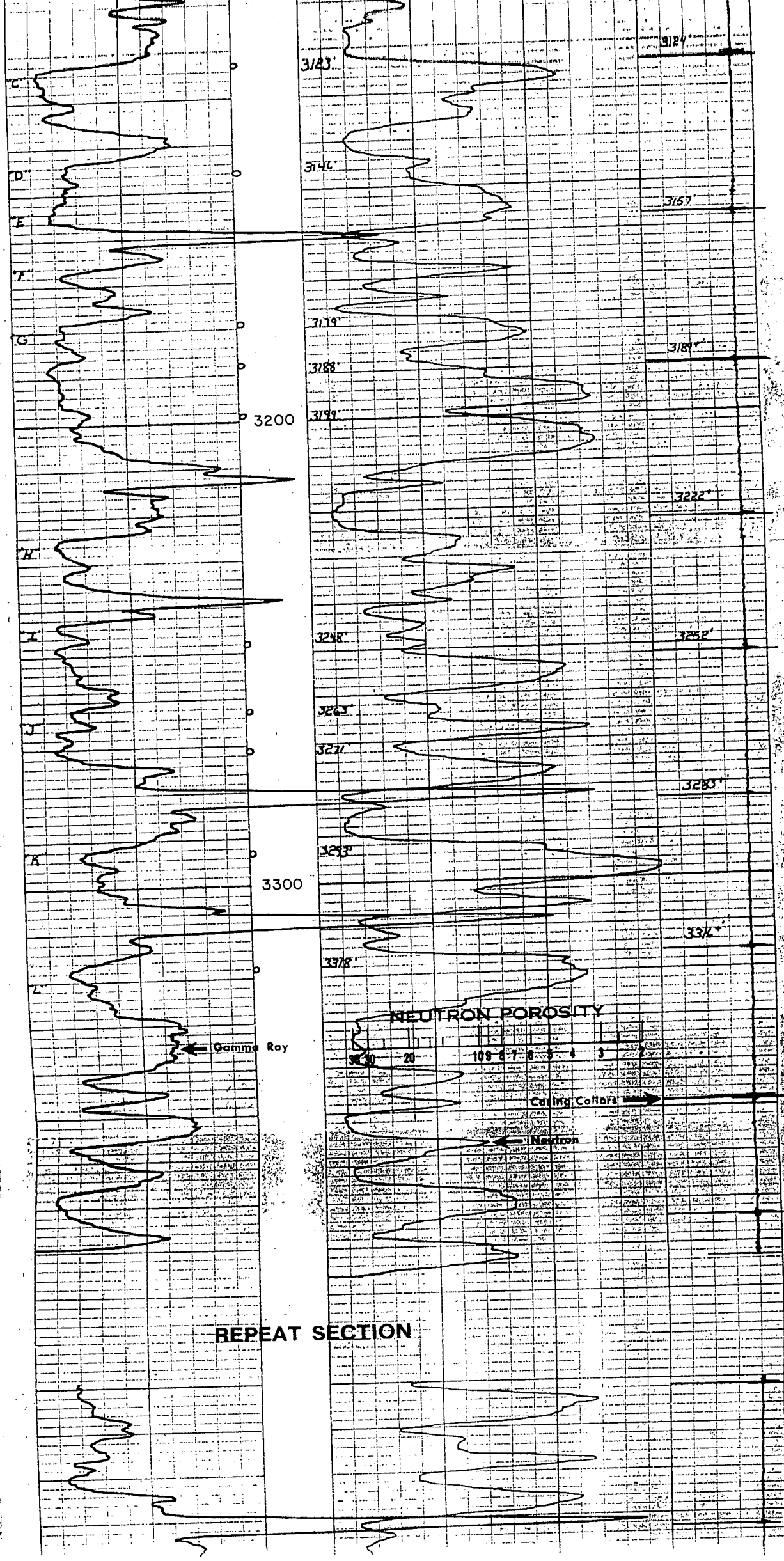
ORIGINAL











TELEPHONE:
AREA CODE 483-2627

ALLIED CEMENTING COMPANY, INC.

P. O. BOX 31
RUSSELL, KANSAS 67665

TO: S & M Oil Company
205 N. Jefferson
Plainville, Kansas 67663

INVOICE NO. 55916
PURCHASE ORDER NO. _____
LEASE NAME Hrabe A #2
DATE Feb. 12, 1990

SERVICE AND MATERIALS AS FOLLOWS:

Common 170 sks @\$5.00	\$ 850.00	
Pozmix 170 sks @\$2.25	382.50	
Gel 17 sks @\$6.75	<u>114.75</u>	\$ 1,347.25
Handling 340 sks @\$0.90	306.00	
Mileage (10) @\$0.03c per sk per mi	102.00	
Top stage	<u>400.00</u>	<u>808.00</u>
	Total	\$ 2,155.25
		<u>-323.28</u>
		<u>\$ 1,831.97</u>

THANK YOU

ALL PRICES ARE NET, PAYABLE 30 DAYS FOLLOWING DATE OF INVOICE. 1% PERCENT CHARGED THEREAFTER

PHONE: 483-2627

ALLIED CEMENTING COMPANY, INC.

P. O. BOX 31

RUSSELL, KANSAS 67865

TO: S & M Oil Company
205 N. Jefferson
Plainville, Kansas 67663

INVOICE NO. 55869
PURCHASE ORDER NO. _____
LEASE NAME Wrebe #2
DATE Feb. 6, 1990

SERVICE AND MATERIALS AS FOLLOWS:

Common 84 sks @\$5.00	\$ 420.00	
Pozmix 56 sks @\$2.25	126.00	
Gel 3 sks @\$6.75	20.25	
Chloride 4 sks @\$20.00	<u>80.00</u>	\$ 646.25
Handling 140 sks @\$0.90	126.00	
Mileage (10) @\$0.03¢ per sk per mi	42.00	
Surface	360.00	
Mi @\$1.00 pmp. trk.	10.00	
1 plug	<u>40.00</u>	<u>578.00</u>
	Total	\$ 1,224.25

Cement circ.

MAY 07 1990

CONSEWATITE DIVISION
Wichita, Kansas

THANK YOU

ALL PRICES ARE NET, PAYABLE 30 DAYS FOLLOWING DATE OF INVOICE. 1% PERCENT CHARGED THEREAFTER

183.63
\$ 1,040.62

ONE:
AREA CODE 973 483-2627

ALLIED CEMENTING COMPANY, INC.

P. O. BOX 31

RUSSELL, KANSAS 67665

TO: S & M Oil Company
205 N. Jefferson
Plainville, Kansas 67663

INVOICE NO. 55917
PURCHASE ORDER NO. _____
LEASE NAME Hrabe A #2
DATE Feb. 12, 1990

SERVICE AND MATERIALS AS FOLLOWS:

Common 72 ssk @ \$5.00	\$ 360.00
Pozmix 48 ssk @ \$2.25	108.00
Gel 2 ssk @ \$6.75	13.50
Salt 8 ssk @ \$4.75	38.00
Gilsonite 412 @ \$0.29c	<u>119.48</u>
Handling 120 ssk @ \$0.90	108.00
Mileage (10) minimum	40.00
Two stage bottom	838.00
Mi @ \$1.00 pmp. trk.	<u>10.00</u>
1-5 1/2" g. shoe	119.00
1 AFU	180.00
4 cent.	176.00
3 baskets	363.00
3 l. clamps	36.00
1 two-stage collar	<u>2608.00</u>

\$ 638.98

996.00

3,482.00

Total

\$ 5,116.98

- 767.54

\$ 4,349.44

Float held

THANK YOU

ALL PRICES ARE NET. PAYABLE 30 DAYS FOLLOWING DATE OF INVOICE. 1 1/2 PERCENT CHARGED THEREAFTER