

ORIGINAL

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1
September 1999
Form Must Be Typed

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License # 33344
Name: Quest Cherokee, LLC
Address: P.O. Box 707
City/State/Zip: Howard, KS 67349
Purchaser: Bluestem Pipeline, LLC
Operator Contact Person: E. Wayne Willhite
Phone: (620) 374-2133
Contractor: Name: James D. Lorenz
License: 9313
Wellsite Geologist: Michael Ebers

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Designate Type of Completion:
 New Well Re-Entry Workover
 Oil SWD SIOW Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, WSW, Expl., Cathodic, etc)

If Workover/Re-entry: Old Well Info as follows:
Operator: _____
Well Name: _____

Original Comp. Date: _____ Original Total Depth: _____
 Deepening Re-perf. Conv. to Enhr./SWD
 Plug Back Plug Back Total Depth
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Enhr.?) Docket No. _____

<u>6/27/03</u>	<u>7/1/03</u>	<u>11/24/03</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 019-26602 - 0000
County: Chautauqua
NW NE NW Sec. 6 Twp. 33s S. R. 13 East West
330 feet from S (N) (circle one) Line of Section
1650 feet from E (W) (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE (NW) SW
Lease Name: Wagner Well #: 6-1

Field Name: Hale
Producing Formation: Crowberg

Elevation: Ground: 925' Kelly Bushing: _____
Total Depth: 1716' Plug Back Total Depth: 1703'
Amount of Surface Pipe Set and Cemented at 48' Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set _____ Feet
If Alternate II completion, cement circulated from surface
feet depth to 1711' w/ 200 _____ sx cmt.

Drilling Fluid Management Plan ALT II KGR 2/21/08
(Data must be collected from the Reserve Pit)

Chloride content _____ ppm Fluid volume _____ bbls
Dewatering method used Compressed air with injected water

Location of fluid disposal if hauled offsite: _____
Operator Name: _____
Lease Name: _____ License No.: _____
Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West
County: _____ Docket No.: _____


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 of 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: E. Wayne Willhite
Title: Dist. Mgr. Date: 8-16-04
Subscribed and sworn to before me this 16th day of August,
20 04.
Notary Public: John P. Black
Date Commission Expires: 3/26/05

KCC Office Use ONLY

Letter of Confidentiality Received
If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution

 **JOHN P. BLACK**
Notary Public - State of Kansas
Appt. Expires 3/26/05

✓

Operator Name: Quest Cherokee, LLC Lease Name: Wagner Well #: 6-1
 Sec. 6 Twp. 33s S. R. 13 East West County: Chautauqua

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems 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 test, along with final chart(s). Attach extra sheet if more space is needed. Attach copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <input type="checkbox"/> Yes <input type="checkbox"/> No (Attach Additional Sheets) Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Submit Copy) List All E. Logs Run: Gamma Ray, Neutron, Induction, Temperature, & Density. Cased hole logs & cement bond log.	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum Layton Sandstone 530 Mulky Shale 1306 <div style="text-align: center; font-weight: bold; font-size: 1.2em;"> RECEIVED AUG 18 2004 KCC WICHITA </div>
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CASING RECORD <input checked="" type="checkbox"/> New <input 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	11 1/4"	8 5/8"		48'	Portland	10	
Production	6 3/4"	4 1/2"		1711'	Thickset	200	Coalseal & Poly Flake

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone				

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
17 Shots	1354'-1358'		
	Acid Balloff Breakdown for Crowberg Formation	4000 gl S-15% FE acid, 1 gl inhibitor, 1 gl magnacide 575	
		4 gl CBS-30, 11 gl KCL, 25 7/8" ball sealers	
	Sand Frac Crowberg	9500# 20/40 Frac Sand	

TUBING RECORD		Size <u>New 2 3/8"</u>	Set At <u>1711'</u>	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumerd Production, SWD or Enhr. <u>5/6/04</u>		Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> 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 1354'-1358'

BLUE STAR ACID SERVICE, INC.

PO Box 103
Eureka, Kansas 67045

Cementing Ticket
and Invoice Number

No. 4690

Date	Customer Order No.	Sect.	Twp.	Range	Truck Called Out	On Location	Am	Job Began	Am	Job Completed	pm
7-2-03						10.00		11.55		1.30	
Owner			Contractor			Charge To					
Quest Energy			Perkins oil			Quest Energy					
Mailing Address			City			State					
P.O. Box 100			Benedict			KANSAS 66714-0100					
Well No. & Form		Place		County		State					
Wagner 6-1				CHAUTAQUA		KANSAS					
Depth of Well	Depth of Job	Casing	(New) (Used)	Size	Weight	Size of Hole Amt. and Kind of Cement	Cement Left in casing by	Request (Necessity) <u>5</u> feet			
1715	1710			4 1/2	11.6 #	6 3/4 200 T.S.					
Kind of Job					Drillpipe		(Rotary)		Truck No.		
Longstring (Baffle at 1704')					Tubing		(Cable)				

Price Reference No. #1

Price of Job 665.00

Second Stage

Mileage (50) 112.50

Other Charges

Total Charges 777.50

Remarks Safety meeting, Rig up to 4 1/2 casing, Break circulation, wash down 5' to T.D 1712, mix 300 lbs Gel w/ 1 SK Hull's Brim Gel Around to Surface to Clean Hole. Set casing on 4 1/2 clamp at 1710' mix 80# calc, pump 2 Bbl water mix 100# metasilicate w/ 10 Bbl water, pump 15 Bbl DYE start mixing cement, mix first 80 SKs at 12.5 lbs per gallon, Rin last 120 SKs at 13.3 # per gallon. Shut down, wash out pump & lines, Release plug, Displace w/ 26 1/2 Bbl water. Final pump PSI was 600 # Bump Plug to 1100 # check Flat Flat Hed. Good cement Returns to surface, 14 Bbl slurry, close casing in. TYP Down

Cementor Russell McCoy / Brad

Helper Rick - Troy - Justin Jason District EUREKA State KANSAS

The above job was done under supervision of the owner, operator, or his agent whose signature appears below.

THANK YOU

[Signature]
Agent of contractor or operator

Sales Ticket for Materials Only

Quantity Sacks	BRAND AND TYPE	PRICE	TOTAL
200	SK's Thick set cement	11.75	2350.00
800	1b's Kol seal 4 # per SK	.30	240.00
25	1b's Poly Flake 1/8 lb per SK	1.00	25.00
300	1b's Gel (For Pre Flush)	9.50	28.50
1	Bag cotton seed Hull's mix w/ Gel	6.00	6.00
80 #	calc mixed w/ 5 Bbl water	.35	28.00
100 #	metasilicate mixed w/ 10 Bbl water	1.00	100.00
6	4 1/2 x 6 3/4 centralizers	26.00	156.00
1	4 1/2 Guide shoe IN collar of shoe joint	65.00	65.00
1	4 1/2 Flapper	70.00	70.00
1	4 1/2 shoe joint	85.00	85.00
1	4 1/2 Top Rubber Plug	40.00	40.00
8	hr's 80 Bbl VAC Trucks (4 hr x 2 Trucks)	60.00	480.00
2	LOADS city water	20.00	40.00
	200 SK's Handling & Dumping	.50	100.00
	11 Ton Mileage 50	.80	440.00
	Sub Total		4831.00
	Discount		
	Sales Tax	6.3%	304.35
	Total		5135.35

Delivered by # 22 + # 3
Truck No.

Delivered from Eureka

Signature of operator Russell McCoy

Invoice

James D. Lorenz KCC Lic: #
 9313
 543A 22000 Road
 Cherryvale, Kansas
 67225 9515

DATE	INVOICE NO.
7/2/2003	296

CUSTOMER	LEASE NAME
QUEST ENERGY, INC 308 Main St. Benedict, Ks. 66714	WAGNER 6-1 S 6, T33, RG 13 Chautauqua County Ks "Drilling well"

FID 48-1206831

DESCRIPTION	QTY	RATE	AMOUNT
6-27-03 Drill rig transfered to well site. Drilled 11 1/4" to 48', Set 48' of 8 5/8" surface casing.	48	12.00	576.00
48' of 8 5/8" surface casing	48	7.50	360.00
10 Sx. Portland Cement	10	10.00	100.00
6-30-03 Drilled 6 3/4" hole from 48'-	1,667	6.50	10,835.50
7-01-03 Completed drilling hole to T. D. of 1715'			

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We appreciate your business.

Total	11,871.50
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James D. Lorenz #9313
543-A 22000 Rd.
Cherryvale, KS 67335
620-328-4433

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DRILLER LOG
QUEST ENERGY

Wagner # 6-1
S6, T33, R13E
Chautauqua County
API#15-019-26602-00-00

0-5 DIRT
5-294 SHALE
294-312 LIME
312-519 SHALE
519-524 LIME
524-536 SHALE
536-577 SAND
577-589 SHALE
589-732 SAND
732-735 SHALE
735-772 LIME
772-780 SANDY SHALE
780-794 SAND
794-795 COAL
795-838 SAND
838-883 SANDY SHALE
883-885 LIME
885-916 SHALE
916-926 BLACK SHALE
926-946 SHALE
946-949 BLACK SHALE
949-950 COAL
950-953 BLACK SHALE
953-966 SHALE
966-988 LIME
988-990 SAND
990-1027 SANDY SHALE
1027-1041 LIME
1041-1046 BLACK SHALE
1046-1050 LIME
1050-1053 LIME/SHALE
1053-1060 DARK GREY SHALE
1060-1067 LIME

6-27-03 Drilled 11 1/4" hole and
Set 48' of 8 5/8" Surface pipe
Set with 10 sacks of Portland Cement

6-30-03 Started drilling 6 3/4" hole

7-1-03 Finished drilling to T.D. 1715'

130' WATER 10 G.P.M.

687' GAS TEST 60" ON 1" ORIFICE
712' GAS TEST 120" ON 1" ORIFICE
787' GAS TEST 40" ON 1 1/4" ORIFICE

812' GAS TEST 20" ON 1 1/4" ORIFICE

938' GAS TEST 40" ON 1 1/4" ORIFICE

963' GAS TEST 16" ON 1 1/4" ORIFICE

James D. Lorenz #9313
543-A 22000 Rd.
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620-328-4433

DRILLER LOG
QUEST ENERGY

Wagner # 6-1
S6, T33, R13E
Chautauqua County
API#15-019-26602-00-00

1067-1071	BLACK LIME/SHALE		
1071-1162	GREY SHALE		
1162-1194	LIME PINK/ODOR		
1194-1246	BLACK SHALE	1214' GAS TEST 14" ON 1 1/4" ORIFICE	
1246-1278	LIME OSWEGO		
1278-1283	BLACK SHALE SUMMIT		
1283-1303	LIME	1289' GAS TEST 16" ON 1 1/4" ORIFICE	
1303-1308	BLACK SHALE		
1308-1318	LIME		
1318-1326	SHALE	1314' GAS TEST 22" ON 1 1/4" ORIFICE	
1326-1327	COAL		
1327-1348	SHALE		
1348-1350	LIME		
1350-1352	COAL		
1352-1356	SHALE		
1356-1366	SAND/ODOR	1363' GAS TEST 24" ON 1 1/4" ORIFICE	GAS HAS OIL SMELL
1366-1386	SHALE		
1386-1387	COAL		
1387-1393	SANDY SHALE		
1393-1397	SAND ODOR		
1397-1432	SHALE		
1432-1433	COAL		
1433-1525	SHALE	1440' GAS TEST 24" 1 1/4" ORIFICE	
1525-1526	COAL		
1526-1575	SHALE		
1575-1580	RED BED		
1580-1640	SHALE		
1640-1642	COAL		
1642-1670	SHALE		
1670-1715	MISSISSIPPI	1715' GAS TEST 24" TO 20" ON 1 1/4" ORF.	
	1715' T.D.		

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Wagner # 6-1
S6, T33, R13E
Chautauqua County
API#15-019-26602-00-00

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772-780 SANDY SHALE
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794-795 COAL
795-838 SAND
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883-885 LIME
885-916 SHALE
916-926 BLACK SHALE
926-946 SHALE
946-949 BLACK SHALE
949-950 COAL
950-953 BLACK SHALE
953-966 SHALE
966-988 LIME
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S6, T33, R13E
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1283-1303	LIME	1289' GAS TEST 16" ON 1 1/4" ORIFICE	
1303-1308	BLACK SHALE		
1308-1318	LIME	1314' GAS TEST 22" ON 1 1/4" ORIFICE	
1318-1326	SHALE		
1326-1327	COAL		
1327-1348	SHALE		
1348-1350	LIME		
1350-1352	COAL		
1352-1356	SHALE		
1356-1366	SAND/ODOR	1363' GAS TEST 24" ON 1 1/4" ORIFICE	GAS HAS OIL SMELL
1366-1386	SHALE		
1386-1387	COAL		
1387-1393	SANDY SHALE		
1393-1397	SAND ODOR		
1397-1432	SHALE		
1432-1433	COAL		
1433-1525	SHALE	1440' GAS TEST 24" 1 1/4" ORIFICE	
1525-1526	COAL		
1526-1575	SHALE		
1575-1580	RED BED		
1580-1640	SHALE		
1640-1642	COAL		
1642-1670	SHALE		
1670-1715	MISSISSIPPI	1715' GAS TEST 24" TO 20" ON 1 1/4" ORF.	
	1715' T.D.		

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DRILLER'S LOG

James D. Lorenz
543A 22000 Road
Cherryvale, Kansas 67335

620-328-4433

DRILLER-

JAMES D. LORENZ

1	10'-35'	49	1214-1239'	0	5	DIRT	DRILLED FOR: 94815'
2	35-60'	50	1239-1264'	5	294	SHALE	LEASE: WAGM 87
3	60-85'	51	1264-1289'	294	312	LIME	WELL NO. 6-20
4	85-110'	52	1289-1314'	312	519	SHALE	SEC 6 TWP 33 RGE 13
5	110-135'	53	1314-1339'	519	524	LIME	COUNTY CHART ST. KS
6	135-160'	54	1340-1365'	524	536	SHALE	SET SURFACE 6-20-2003
7	160-185'	55	1365-1390'	536	577	SAND	HOLE SIZE 11 1/2"
8	185-210'	56	1390-1415'	577	689	SHALE	SURFACE CASING 8 1/2" x 48'
9	210-235'	57	1415-1440'	689	732	GAM TEST	CEMENT PORTLAND 10 BAGS
10	235-260'	58	1440-1465'	732	735	SHALE	STARTED DRILLING 6-30-2003
11	260-285'	59	1465-1490'	735	772	LIME	HOLE SIZE 6 3/4"
12	285-310'	60	1490-1515'	772	780	SANDY SHALE	FINISHED DRILLING 7-01-2003
13	311-336'	61	1515-1540'	780	794	SAND	
14	336-361'	62	1540-1565'	794	795	COAL	WATER 106 P.M. 130'
15	361-386'	63	1565-1590'	795	838	SAND	
16	386-411'	64	1591-1616'	838	883	SANDY SHALE	
17	411-436'	65	1616-1641'	883	885	LIME	
18	436-461'	66	1641-1666'	885	916	SHALE	
19	461-486'	67	1666-1691'	916	926	BLACK SHALE	
20	486-511'	68	1691-1716'	926	946	SHALE	
21	511-536'	69	1716-1741'	946	949	BLACK SHALE	GAS TESTS
22	536-561'	70	1741-1766'	949	950	COAL	687 60" on 1"
23	562-587'	71	1766-1791'	950	953	BLACK SHALE	712 120" on 1"
24	587-612'	72	1791-1816'	953	966	SHALE	757 40" on 1 1/4"
25	612-637'	73	1816-1841'	966	988	LIME	812 20" on 1 1/4"
26	637-662'	74	1842-1867'	988	990	SAND	938 40" on 1 1/4"
27	662-687'	75	1867-1892'	990	1027	SANDY SHALE	963 16" on 1 1/4"
28	687-712'	76	1892-1917'	1027	1041	LIME	1214 - 14" ON 1/4"
29	712-737'	77	1917-1942'	1041	1046	BLACK SHALE	
30	737-762'	78	1942-1967'	1046	1050	LIME	1289 - 16" ON 1/4"
31	762-787'	79	1967-1992'	1050	1053	LIME/SHALE	
32	787-812'	80	1992-2017'	1053	1060	DARK GRAY SHALE	1314 22" ON 1/4"
33	813-838'	81	2017-2042'	1060	1067	LIME	1363 24" ON 1/4"
34	838-863'	82	2042-2067'	1067	1071	BLACK LIME/SHALE	
35	863-888'	83	2067-2092'	1071	1162	GRY SHALE	1440 SAME
36	888-913'	84	2093-2118'	1162	1194	LIME PINK OPOR	
37	913-938'	85	2118-2143'	1194	1246	BLACK SHALE	
38	938-963'	86	2143-2168'	1246	1278	LIME OSW	
39	963-988'	87	2168-2193'	1278	1283	BLACK SANDY SHALE	
40	988-1013'	88	2193-2218'	1283	1303	LIME	
41	1013-1038'	89	2218-2243'	1303	1308	BLACK SHALE	
42	1038-1063'	90	2243-2268'	1308	1318	LIME	
43	1064-1089'	91	2268-2293'	1318	1326	SHALE	
44	1089-1114'	92	2293-2318'	1326	1327	COAL	
45	1114-1139'	93	2318-2243'	1327	1345	SHALE	
46	1139-1164'	94	2244-2369'	1345	1350	LIME	
47	1164-1189'	95	2369-2394'	1350	1352	COAL	
48	1189-1214'	96	2394-2419'	1352	1356	SHALE	

FAC
3
BILL 12.00
+CEMP
-48 X

GAS HA
OIL SMEL

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KCC WICHITA

10' ON 5"

1356-1366 SAND OPOR
1366-1386 SHALE
1386-1387 COAL

1370
1246
124-

DRILLER'S LOG

James D. Lorenz

620-328-4433

543A 22000 Road

DRILLER-

Cherryvale, Kansas 67335

JAMES D. LORENZ

1	10'-35'	49	1214-1239'	1387-1392	1392	SAND, SHALE	DRILLED FOR:
2	35-60'	50	1239-1264'	1393	1397	SAND GRN	LEASE :
3	60-85'	51	1264-1289'	1397	1432	SHALE	WELL NO.
4	85-110'	52	1289-1314'				SEC TWP RGE
5	110-135'	53	1314-1339'				COUNTY ST. KS
6	135-160'	54	1340-1365'	1432	1433	COAL	SET SURFACE - -2003
7	160-185'	55	1365-1390'	1433	1525	SHALE	HOLE SIZE
8	185-210'	56	1390-1415'	1525	1526	COAL	SURFACE CASING "x"
9	210-235'	57	1415-1440'	1526	1575	SHALE	CEMENT PORTLAND SACKS
10	235-260'	58	1440-1465'	1575	1580	RED BED	STARTED DRILLING - -2003
11	260-285'	59	1465-1490'	1580	1640	SHALE	HOLE SIZE
12	285-310'	60	1490-1515'	1640	1642	COAL	FINISHED DRILLING - -2003
13	311-336'	61	1515-1540'	1670		MISS	
14	336-361'	62	1540-1565'	1642	1670	SHALE	
15	361-386'	63	1565-1590'	1670	1715	MISS TD	1715
16	386-411'	64	1591-1616'				
17	411-436'	65	1616-1641'				
18	436-461'	66	1641-1666'				
19	461-486'	67	1666-1691'				
20	486-511'	68	1691-1716'				GAS TESTS
21	511-536'	69	1716-1741'				1715 - 20" on 1/4"
22	536-561'	70	1741-1766'				
23	562-587'	71	1766-1791'				
24	587-612'	72	1791-1816'				
25	612-637'	73	1816-1841'				
26	637-662'	74	1842-1867'				
27	662-687'	75	1867-1892'				
28	687-712'	76	1892-1917'				
29	712-737'	77	1917-1942'				
30	737-762'	78	1942-1967'				
31	762-787'	79	1967-1992'				
32	787-812'	80	1992-2017'				
33	813-838'	81	2017-2042'				
34	838-863'	82	2042-2067'				
35	863-888'	83	2067-2092'				
36	888-913'	84	2093-2118'				
37	913-938'	85	2118-2143'				
38	938-963'	86	2143-2168'				
39	963-988'	87	2168-2193'				
40	988-1013'	88	2193-2218'				
41	1013-1038'	89	2218-2243'				
42	1038-1063'	90	2243-2268'				
43	1064-1089'	91	2268-2293'				
44	1089-1114'	92	2293-2318'				
45	1114-1139'	93	2318-2243'				
46	1139-1164'	94	2244-2369'				
47	1164-1189'	95	2369-2394'				
48	1189-1214'	96	2394-2419'				

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