



GREENHILL PETROLEUM CORPORATION

OIL CONSERVATION
RECEIVED
12777 JONES ROAD, SUITE 375
HOUSTON, TEXAS 77070
TELEPHONE (713) 955-1146
FAX (713) 955-5105

'90 NOV 19 AM 9 40

Incorporated in Delaware, U.S.A.

November 12, 1990

G-36-165-36E

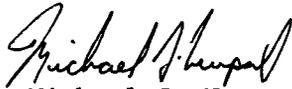
Oil Conservation Division
Energy, Minerals and Natural Resources Dept.
P.O. Box 2088
Santa Fe, New Mexico 87504-2088

Attn: Mike Stogner

Re: Lovington Paddock
Well Permit 86
Lea County, NM

Enclosed please find the letters dated 11-6-90 whereby we are requesting an unorthodox location for Well Nos. 86, 90, 91 and 93. Also enclosed are copies of the C-101 and C-102 we have sent to the Hobbs office. Please inform me in the event you need additional information.

Sincerely,


Michael J. Newport
Landman

MJN:JB
Enclosures



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November 12, 1990

Oil Conservation Division
Energy, Minerals and Natural Resources Dept.
P.O. Box 2088
Santa Fe, New Mexico 87504-2088

Attn: Mike Stogner

Re: Lovington Paddock
Well Permit 90
Lea County, NM

Enclosed please find the letters dated 11-6-90 whereby we are requesting an unorthodox location for Well Nos. 86, 90, 91 and 93. Also enclosed are copies of the C-101 and C-102 we have sent to the Hobbs office. Please inform me in the event you need additional information.

Sincerely,


Michael J. Newport
Landman

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Enclosures



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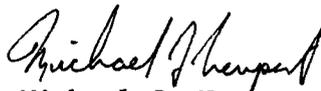
Oil Conservation Division
Energy, Minerals and Natural Resources Dept.
P.O. Box 2088
Santa Fe, New Mexico 87504-2088

Attn: Mike Stogner

Re: Lovington Paddock
Well Permit 93
Lea County, NM

Enclosed please find the letters dated 11-6-90 whereby we are requesting an unorthodox location for Well Nos. 86, 90, 91 and 93. Also enclosed are copies of the C-101 and C-102 we have sent to the Hobbs office. Please inform me in the event you need additional information.

Sincerely,


Michael J. Newport
Landman

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FAX (713) 955-5105

OIL CONSERVATION DIVISION
RECEIVED

Incorporated in Delaware, U.S.A.

'90 DEC 4 AM 9 21

November 29, 1990

Oil Conservation Division
State of New Mexico
Energy, Minerals and Natural Resources Dept.
P.O. Box 2088
Santa Fe, NM 87504-2088

Re: Lovington Paddock
Lea County, NM

Enclosed please find the C-101, C-102 and BOP program for the following wells
in the Lovington Paddock Area:

LPU # 98
LPU # 97
LPU # 94
LPU # 92
LPU # 100
LPU # 96

Please call if I may provide you with additional information.

Sincerely,

Michael J. Newport
Landman

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GREENHILL PETROLEUM CORPORATION

Incorporated in Delaware, U.S.A.

12777 JONES ROAD, SUITE 975
HOUSTON, TEXAS 77070
TELEPHONE (713) 955-1146
FAX (713) 955-5105

OIL CONSERVATION DIVISION
RECEIVED

NOV 29 4 11 9 21

November 29, 1990

Oil Conservation Division
State of New Mexico
Energy, Minerals and Natural Resources Dept.
P.O. Box 2088
Santa Fe, NM 87504-2088

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Lea County, NM

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OIL CONSERVATION DIVISION
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NOV 29 4 44 PM '90

November 29, 1990

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Santa Fe, NM 87504-2088

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LOVINGTON-PADDOCK POOL
(Lovington-Paddock Unit Area Waterflood)
Lea County, New Mexico

Order No. R-3124, Authorizing Skelly Oil Company to Institute a Waterflood Project in the Lovington-Glorieta (Paddock) Formation, Lovington-Paddock Pool, Lea County, New Mexico, September 30, 1966.

Application of Skelly Oil Company for a Waterflood Project, Lea County, New Mexico.

CASE NO. 3467
Order No. R-3124

ORDER OF THE COMMISSION

BY THE COMMISSION: This cause came on for hearing at 9 a.m. on September 28, 1966, at Santa Fe, New Mexico, before Examiner Elvis A. Utz.

NOW, on this 30th day of September, 1966, the Commission, a quorum being present, having considered the testimony, the record, and the recommendations of the Examiner, and being fully advised in the premises,

FINDS:

(1) That due public notice having been given as required by law, the Commission has jurisdiction of this cause and the subject matter thereof.

(2) That the applicant, Skelly Oil Company, seeks permission to institute a waterflood project in the Lovington Paddock Unit Area, Lovington-Paddock Pool, by the injection of water into the Lovington Glorieta (Paddock) formation through 22 injection wells in Sections 25, 35, and 36, Township 16 South, Range 36 East, Section 31, Township 16 South, Range 37 East, Sections 1, 2, and 12, Township 17 South, Range 36 East, and Section 6, Township 17 South, Range 37 East, NMPM, Lea County, New Mexico.

(3) That the wells in the project area are in an advanced state of depletion and should properly be classified as "stripper" wells.

(4) That the proposed waterflood project should result in the recovery of otherwise unrecoverable oil, thereby preventing waste.

(5) That the subject application should be approved and the project should be governed by the provisions of Rules 701, 702, and 703 of the Commission Rules and Regulations.

IT IS THEREFORE ORDERED:

(1) That the applicant, Skelly Oil Company, is hereby authorized to institute a waterflood project in the Lovington Paddock

Unit Area, Lovington-Paddock Pool, Lea County, New Mexico, by the injection of water into the Lovington Glorieta (Paddock) formation through the following-described wells:

TOWNSHIP 16 SOUTH, RANGE 36 EAST, NMPM

Mobil-State "K" Well No. 4, Unit I, Section 25
Skelly-Mexico "Y" Well No. 1, Unit A, Section 35
Cities Service-State "AE" Well No. 3, Unit I, Section 35
Skelly-State "R" Well No. 10, Unit C, Section 36
Skelly-State "R" Well No. 8, Unit K, Section 36
Skelly-State "N" Well No. 3, Unit A, Section 36
Tidewater-State "M" Well No. 4, Unit I, Section 36

TOWNSHIP 16 SOUTH, RANGE 37 EAST, NMPM

Texaco-Graham Well No. 3, Unit C, Section 31
Skelly-State "O" Well No. 24, Unit G, Section 31
Skelly-State "O" Well No. 20, Unit I, Section 31
Sinclair-State "182-A" Well No. 5, Unit K, Section 31

TOWNSHIP 17 SOUTH, RANGE 36 EAST, NMPM

Lee Drlg. Co.-State "E" Well No. 1, Unit C, Section 1
Amerada-State "LA" Well No. 16, Unit A, Section 1
Amerada-State "LA" Well No. 20, Unit K, Section 1
Mobil-State "R" Well No. 10, Unit I, Section 1
Lee Drlg. Co.-State "E" Well No. 5, Unit A, Section 2
Mobil State "R" Well No. 12, Unit I, Section 2
Cities Service-State "AJ" Well No. 1, Unit C, Section 12
McBee-State "A" Well No. 2, Unit A, Section 12

TOWNSHIP 17 SOUTH, RANGE 37 EAST, NMPM

Ashland-C. S. Caylor Well No. 5, Unit C, Section 6
Skelly-C. S. Caylor Well No. 5, Unit A, Section 6
Skelly-C. S. Caylor Well No. 2, Unit K, Section 6

(2) That the subject waterflood project is hereby designated the Lovington Paddock Waterflood Project and shall be governed by the provisions of Rules 701, 702, and 703 of the Commission Rules and Regulations.

(3) That monthly progress reports of the waterflood project herein authorized shall be submitted to the Commission in accordance with Rules 704 and 1120 of the Commission Rules and Regulations.

(4) That jurisdiction of this cause is retained for the entry of such further orders as the Commission may deem necessary.

DONE at Santa Fe, New Mexico, on the day and year hereinabove designated.

(4) That this order shall become effective upon the approval of said unit agreement by the Director of the United States Geological Survey; that this order shall terminate ipso facto upon the termination of said unit agreement; and that the last unit operator shall notify the Commission immediately in writing of such termination.

(5) That jurisdiction of this cause is retained for the entry of such further orders as the Commission may deem necessary.

DONE at Santa Fe, New Mexico, on the day and year hereinabove designated.

LOVINGTON PADDOCK UNIT
Lea County, New Mexico

Order No. R-3122, Approving the Lovington Paddock Unit Agreement, Lea County, New Mexico, September 30, 1966.

Application of Skelly Oil Company for Approval of the Lovington Paddock Unit Agreement, Lea County, New Mexico.

CASE NO. 3466
Order No. R-3122

ORDER OF THE COMMISSION

BY THE COMMISSION: This cause came on for hearing at 9 a.m. on September 28, 1966, at Santa Fe, New Mexico, before Examiner Elvis A. Utz.

NOW, on this 30th day of September, 1966, the Commission, a quorum being present, having considered the testimony, the record, and the recommendations of the Examiner, and being fully advised in the premises,

FINDS:

(1) That due public notice having been given as required by law, the Commission has jurisdiction of this cause and the subject matter thereof.

(2) That the applicant, Skelly Oil Company, seeks approval of the Lovington Paddock Unit Agreement covering 3324.63 acres, more or less, of State, Federal, and Fee lands described as follows:

LEA COUNTY, NEW MEXICO
TOWNSHIP 16 SOUTH, RANGE 36 EAST, NMPM
Section 25: SE/4 and S/2 SW/4
Section 35: E/2 E/2 and SW/4
Section 36: All

TOWNSHIP 16 SOUTH, RANGE 37 EAST, NMPM
Section 30: SE/4 SW/4 and Lots 3 and 4
Section 31: W/2 NE/4, SE/4, E/2 W/2, and Lots 1, 2, 3, and 4

TOWNSHIP 17 SOUTH, RANGE 36 EAST, NMPM
Section 1: S/2, S/2 N/2, and Lots 1, 2, 3, and 4
Section 2: E/2 SE/4 and Lot 1
Section 12: NE/4 and E/2 NW/4

(LOVINGTON PADDOCK UNIT - Cont'd.)

TOWNSHIP 17 SOUTH, RANGE 37 EAST, NMPM
Section 6: S/2 NE/4, SE/4 NW/4, NE/4 SW/4,
NW/4 SE/4, and Lots 1, 2, 3, 4, 5, 6, and 7
Section 7: Lot 1

(3) That approval of the proposed unit agreement should promote the prevention of waste and the protection of correlative rights within the unit area.

IT IS THEREFORE ORDERED:

(1) That the Lovington Paddock Unit Agreement is hereby approved.

(2) That the plan contained in said unit agreement for the development and operation of the unit area is hereby approved in principle as a proper conservation measure; provided, however, that notwithstanding any of the provisions contained in said unit agreement, this approval shall not be considered as waiving or relinquishing, in any manner, any right, duty, or obligation which is now, or may hereafter be, vested in the Commission to supervise and control operations for the exploration and development of any lands committed to the unit and production of oil or gas therefrom.

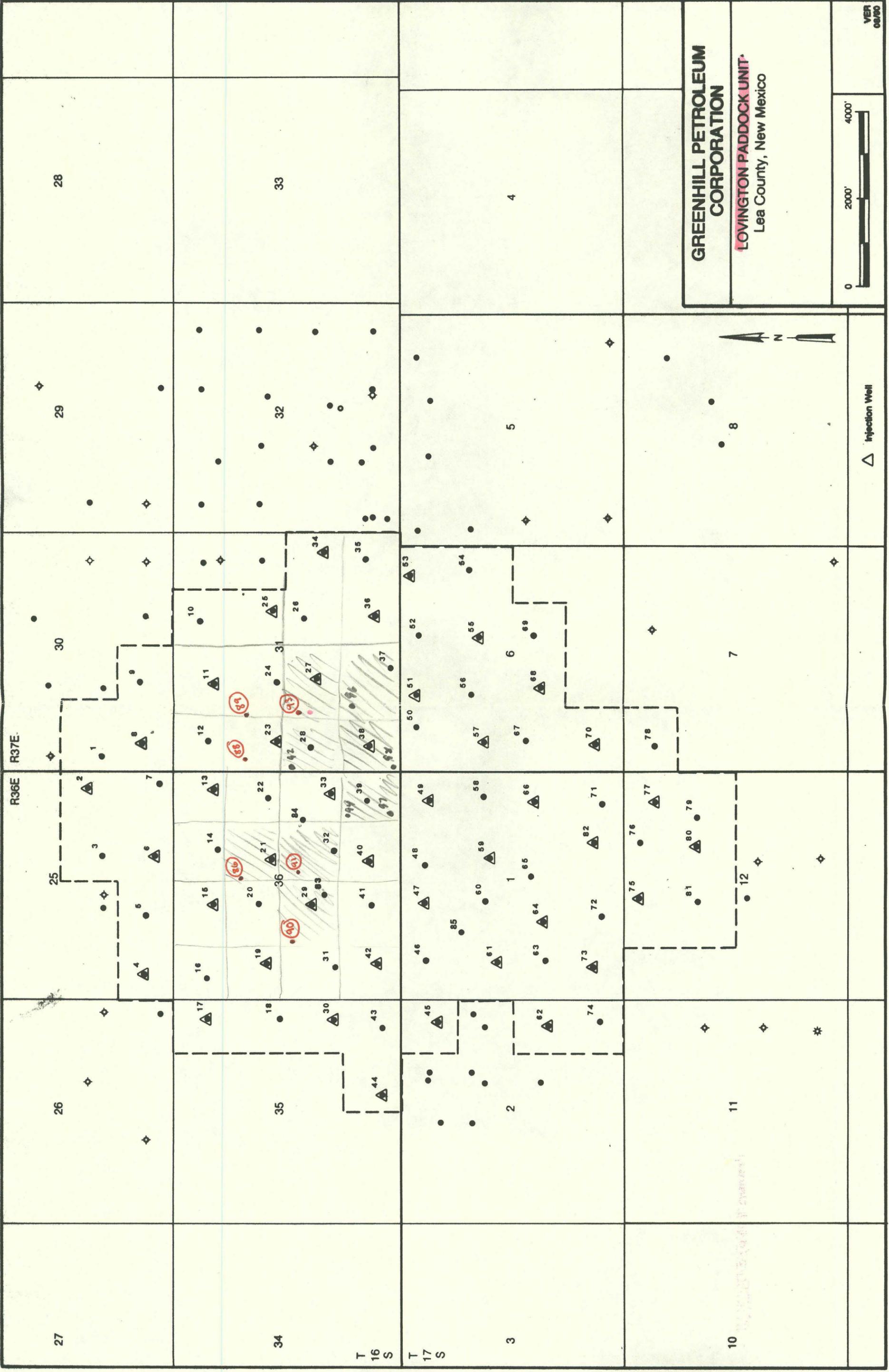
(3) That the unit operator shall file with the Commission an executed original or executed counterpart of the unit agreement within 30 days after the effective date thereof; that in the event of subsequent joinder by any party or expansion or contraction of the unit area, the unit operator shall file with the Commission within 30 days thereafter counterparts of the unit agreement reflecting the subscription of those interests having joined or ratified.

(4) That this order shall become effective upon the approval of said unit agreement by the Commissioner of Public Lands for the State of New Mexico; that this order shall terminate ipso facto upon the termination of said unit agreement; and that the last unit operator shall notify the Commission immediately in writing of such termination.

(5) That this order shall not be construed as binding the interests of the United States of America prior to approval of the unit agreement by the Director of the United States Geological Survey.

(6) That jurisdiction of this cause is retained for the entry of such further orders as the Commission may deem necessary.

DONE at Santa Fe, New Mexico, on the day and year hereinabove designated.

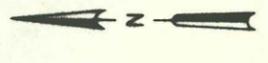


GREENHILL PETROLEUM CORPORATION
LOVINGTON PADDOCK UNIT
 Lea County, New Mexico



VER
08/80

△ Injection Well



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 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100