

GP II ENERGY, INC.
 PHASE I – C-108 APPLICATION
 NORTH SQUARE LAKE UNIT – WEST PATTERNS
 AREA OF REVIEW WELL KEY

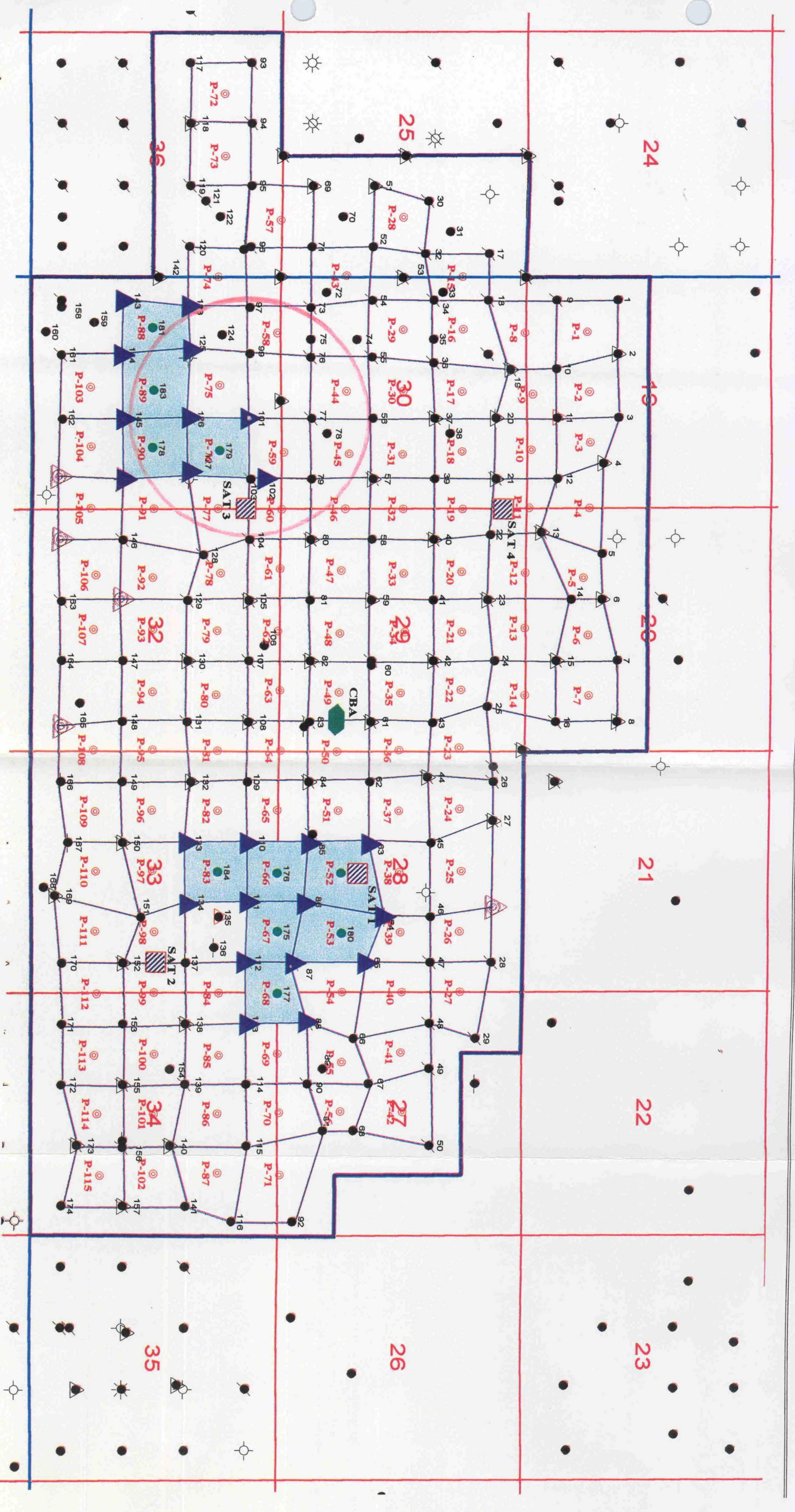
<u>UNIT WELL & FORMER NAME</u>		<u>AREA OF REVIEW THIS WELL IS INCLUDED IN</u>
NSLU 102	GRIER 17	102, 126, 127
NSLU 101	GRIER 11	101, 102, 125, 126, 127
NSUL 123	GRIER FED 2	123, 101, 125, 143, 144, 126
NSLU 125	GRIER 4X	125, 101, 123, 126, 127, 143, 144, 145
NSLU 126	GRIER 5	126, 102, 101, 123, 125, 127, 144, 145 , NEW INJECTOR
NSLU 127	GRIER 7X	127, 102, 101, 125, 126, 145, NEW INJ.
NSLU 143	GRIER A 1 (B FED)	143, 123, 125, 126, 144, 145
NSLU 144	GRIER A 1	144, 145, 123, 125, 126, 143, NEW INJ.
NSLU 145	GRIER 6	145, 101, 125, 126, 127, 143, 144, NEW INJ
NSLU 58	TX TRADING FED A 3	102
NSLU 105	STATE R 3	102
NSLU 99	GRIER 3	102, 101, 123, 125, 126, 144
NSLU 56	GRIER 12	102, 101
NSLU 57	FIDEL FED 2	102
NSLU 77	GRIER 10	102, 101, 126
NSLU 78	GRIER 19	102, 101
NSLU 79	J N FIDEL FED 1	102, 101, 127
NSLU 80	TX TRADING A 1	102
NSLU 100	GRIER 15	102, 101, 125, 126, 127

GP II ENERGY, INC.
 PHASE I – C-108 APPLICATION
 NORTH SQUARE LAKE UNIT – WEST PATTERNS
 AREA OF REVIEW WELL KEY

<u>UNIT WELL & FORMER NAME</u>	<u>AREA OF REVIEW THIS WELL IS INCLUDED IN</u>
NSLU 103 GRIER 9	102, 101, 126, 127, NEW INJ.
NSLU 104 STATE R 1	102, 101, 127
NSLU 128 STATE R 2	102, 127, NEW INJ.
NSLU 97 GRIER FED 1	101, 123, 125, 126, 143
NSLU 75 LOE 11	101, 123, 125
NSLU 76 LOE 1 GRIER	101, 125
NSLU 124 GRIER 20	101, 123, 125, 126, 143, 144
NSLU 73 LOE 1 GRIER	123
NSLU 158 H J LOE 5	123, 143, 144, 145
NSLU 119 STATE H (WITCH) 1	123
NSLU 185 STATE H 4	123, 125
NSLU 96 STATE H 3 (STATE J)	123, 125
NSLU 121 STATE J 1	123, 143
NSLU 122 TELLYER STATE 1	123, 143
NSLU 120 DESA 1	123, 125, 143, 144
NSLU 142 GRIER 16	123, 125, 143
NSLU 159 GRIER B 2	123, 125, 143, 144, 145
NSLU 161 GRIER 4 (LOE FED)	125, 143, 144, 145
NSLU 162 GRIER 18	126, 144, 145, NEW INJ.

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PHASE I – C-108 APPLICATION
NORTH SQUARE LAKE UNIT – WEST PATTERNS
AREA OF REVIEW WELL KEY

<u>UNIT WELL & FORMER NAME</u>	<u>AREA OF REVIEW THIS WELL IS INCLUDED IN</u>
NSLU 129 STATE R 4	127
NSLU 146 DOOLIN 2	127, 145, NEW INJ.
NSLU 160 H J LOE 1	143, 144, 145
NSLU 142 GRIER 16	144
J CLEO THOMPSON NONOPERATED	
TIDEWATER 7	
OVERTON STATE 9	
WSLU 10	
WSLU 12	



- LEGEND**
- Active Oil Well
 - ◐ Inactive Oil Well
 - ▲ Active Injector Well
 - ◑ Inactive Injector Well
 - ◑ Abandoned Injector Well
 - ◑ PROPOSED 20 ACRE INFILL PRODUCER
 - ◑ PROPOSED NEW DRILL INJECTOR

- PRODUCTION / INT. SATELLITE
- CENTRAL PRODUCTION / INT. FACILITY
- PHASE 1 PATTERN PRODUCER
- PHASE 1 PATTERN INJECTOR
- PHASE 1 PATTERN

GP II ENERGY, INC.

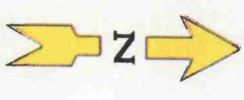
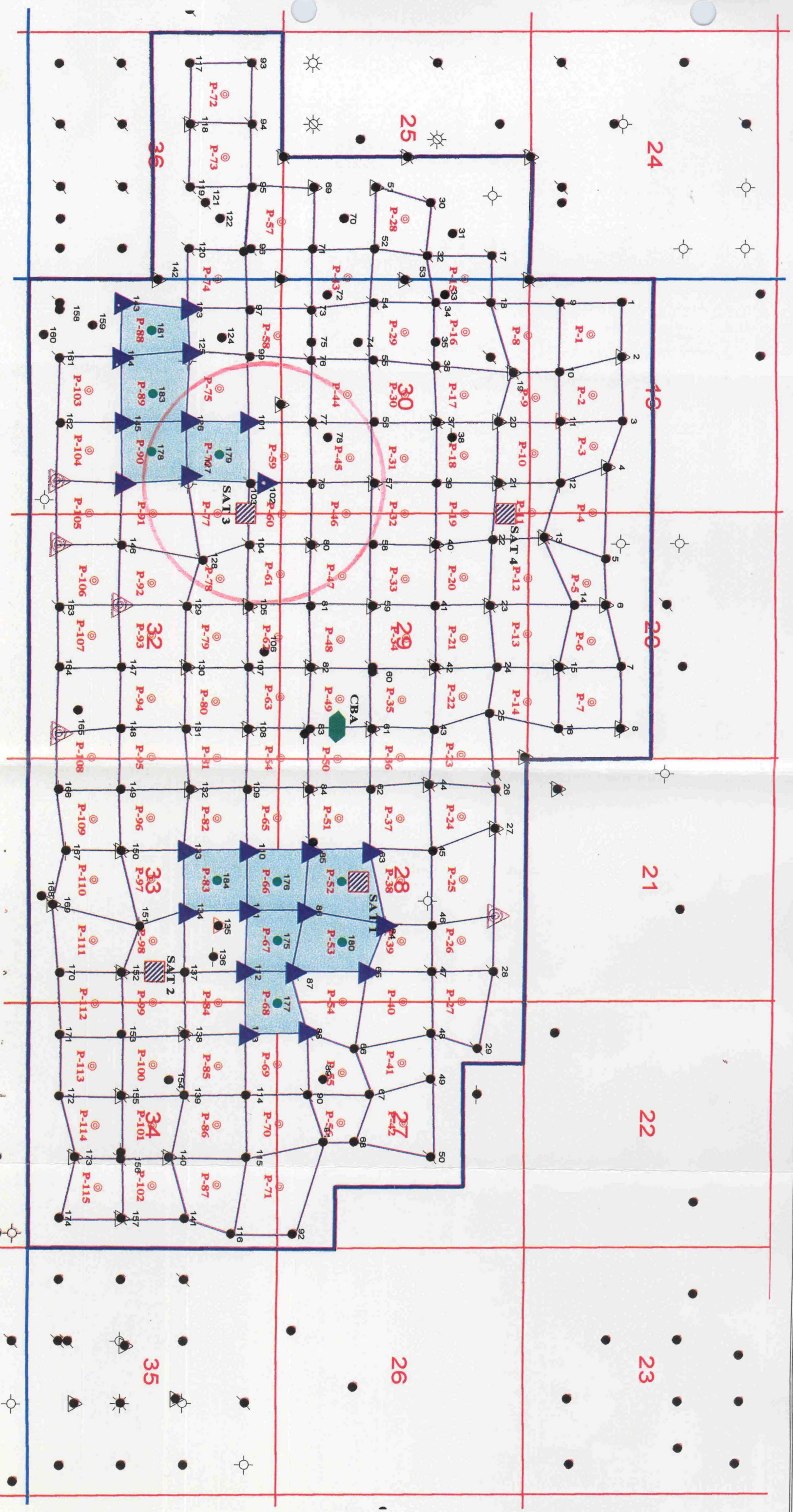
NORTH SQUARE LAKE UNIT
EDDY COUNTY, NEW MEXICO
PHASE I C-108 AREA OF REVIEW

MANNYSIMCO	SCALE: 1"=2000'	4/2000
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NSLU # 101

PHASE I – WEST PATTERNS
NSLU 101 (GRIER 11)
WELLS IN AREA OF REVIEW

<u>UNIT WELL NO.</u>	<u>FORMER NAME & WELL NO.</u>
NSLU 56	GRIER 12
NSLU 104	STATE R 1
NSLU 145	GRIER 6
NSLU 123	GRIER FED 2
NSLU 97	GRIER FED 1
NSLU 75	LOE 11
NSLU 76	LOE GRIER 1
NSLU 77	GRIER 10
NSLU 78	GRIER 19
NSLU 79	J N FIDEL FED 1
NSLU 99	GRIER 3
NSLU 100	GRIER 15
NSLU 103	GRIER 9
NSLU 124	GRIER 20
NSLU 179	PROPOSED NEW PRODUCER
NSLU 125	GRIER 4X
NSLU 126	GRIER 5
NSLU 127	GRIER 7X
NSLU 183	PROPOSED NEW PRODUCER
NSLU 178	PROPOSED NEW PRODUCER



LEGEND

- Active Oil Well
 - ◌ Inactive Oil Well
 - ▲ Abandoned Oil Well
 - ▲ Active Injector Well
 - ▲ Inactive Injector Well
 - ▲ Abandoned Injector Well
 - PROPOSED NEW DRILL INJECTOR
-
- ▨ PRODUCTION / INT. SATELLITE
 - ▨ CENTRAL PRODUCTION / INT. FACILITY
-
- PHASE 1 PATTERN PRODUCER
 - ▲ PHASE 1 PATTERN INJECTOR
 - ▨ PHASE 1 PATTERN

GP II ENERGY, INC.

NORTH SQUARE LAKE UNIT
 EDDY COUNTY, NEW MEXICO
 PHASE 1 C-108 AREA OF REVIEW

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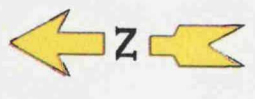
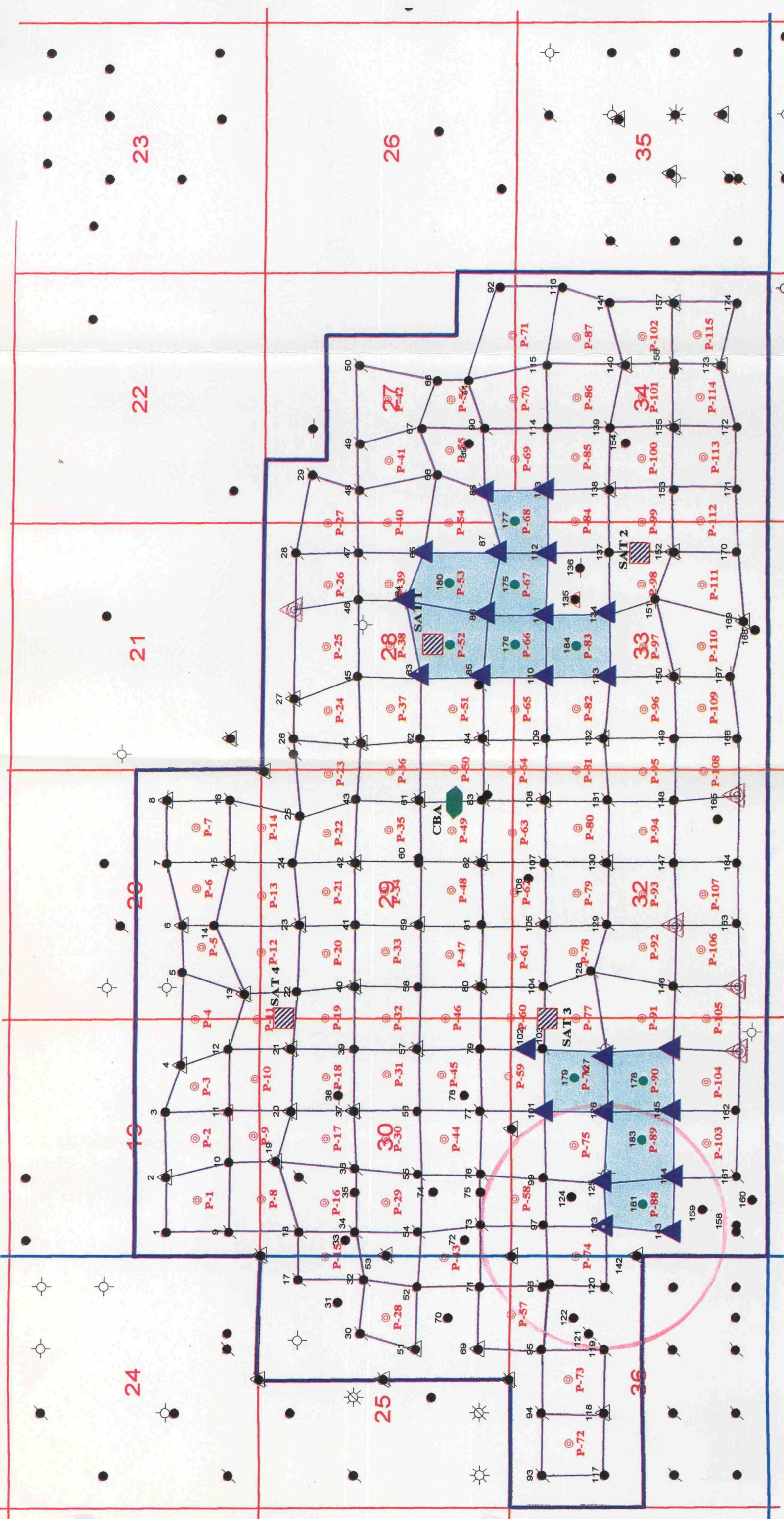
SCALE: 1"=2000'

4/2000

NSLU # 102

PHASE I – WEST PATTERNS
NSLU NO. 102 (GRIER NO. 17)
WELLS IN AREA OF REVIEW

<u>UNIT WELL NO.</u>	<u>FORMER NAME & WELL NO.</u>
NSLU 58	TEXAS TRADING FED A 3
NSLU 105	STATE R 3
NSLU 178	PROPOSED NEW PRODUCER
NSLU 99	GRIER 3
NSLU 56	GRIER 12
NSLU 57	FIDEL FED 2
NSLU 77	GRIER 10
NSLU 78	GRIER 19
NSLU 79	J N FIDEL FED 1
NSLU 80	TEXAS TRADING A 1
NSLU 100	GRIER 15
NSLU 101	GRIER 11
NSLU 103	GRIER 9
NSLU 104	STATE R 1
NSLU 179	PROPOSED NEW PRODUCER
NSLU 126	GRIER 5
NSLU 127	GRIER 7X
NSLU 128	STATE R 2



- LEGEND**
- Active Oil Well
 - Inactive Oil Well
 - ⊗ Abandoned Oil Well
 - ▲ Active Injector Well
 - ⊗ Inactive Injector Well
 - Abandoned Injector Well
 - PROPOSED 20 ACRE INFILL PRODUCER
 - ▲ PROPOSED NEW DRILL INJECTOR

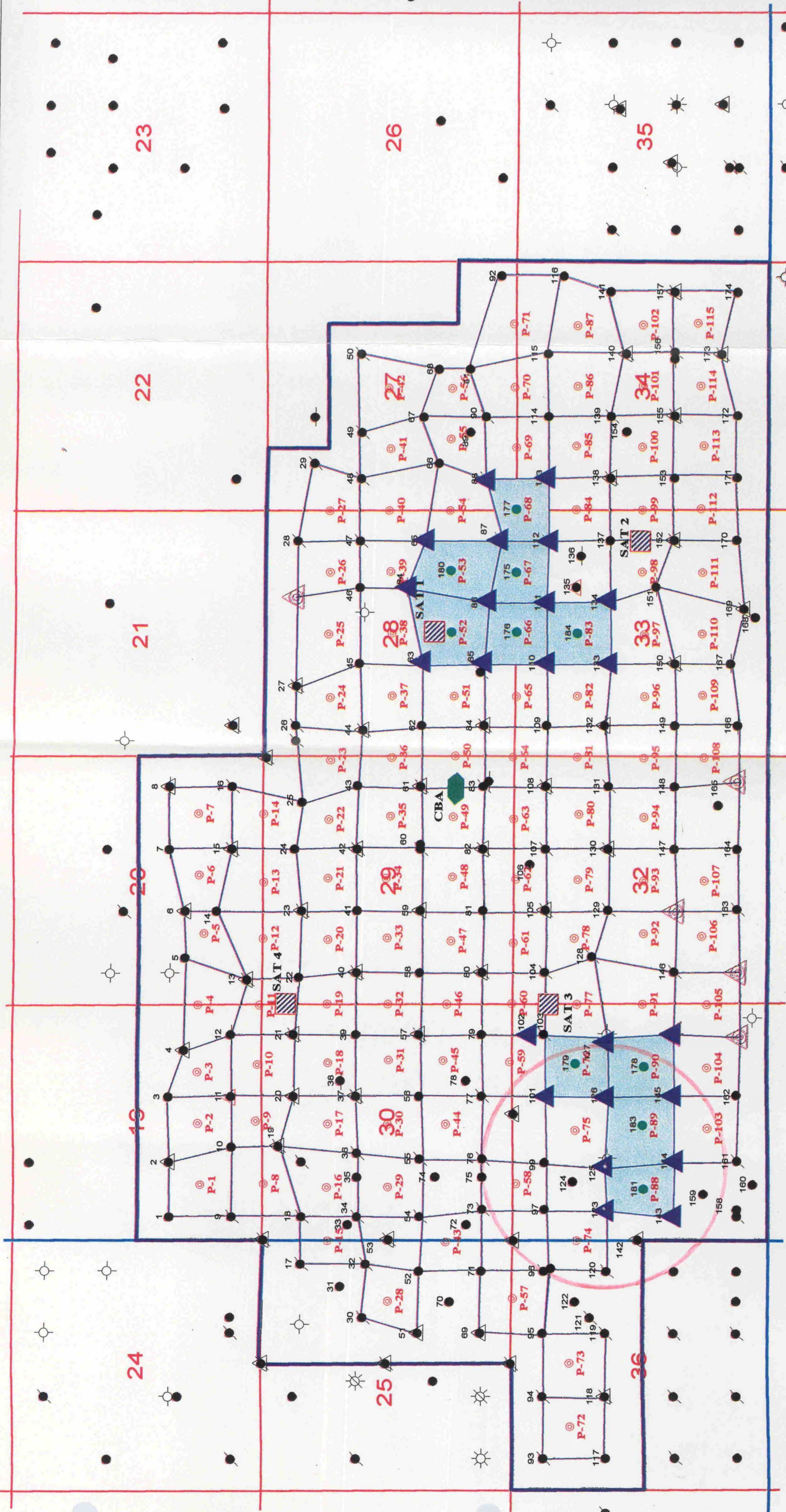
- ▨ PRODUCTION / INJ. SATELLITE
- ▲ PHASE 1 PATTERN PRODUCER
- ▨ PHASE 1 PATTERN INJECTOR
- ▨ PHASE 1 PATTERN
- ▨ CENTRAL PRODUCTION / INJ. FACILITY

GPI ENERGY, INC.	
NORTH SQUARE LAKE UNIT EDDY COUNTY, NEW MEXICO PHASE I C-108 AREA OF REVIEW	
MANNY SIROO	SCALE: 1"=300'
	4/2000

NSLU # 123

PHASE I – WEST PATTERNS
NSLU NO. 123 (GRIER FED NO. 2)
WELLS IN AREA OF REVIEW

<u>UNIT WELL NO.</u>	<u>FORMER NAME & WELL NO.</u>
NSLU 73	LOE GRIER 1
NSLU 75	LOE 11
NSLU 126	GRIER 5
NSLU 158	H J LOE 5
NSLU 119	STATE H (WITCH) 1
NSLU 185	STATE H 4
NSLU 96	STATE H 3 (STATE J)
NSLU 97	GRIER FED 1
NSLU 99	GRIER 3
NSLU 121	STATE J 1
NSLU 122	TELLYER STATE 1
NSLU 124	GRIER 20
NSLU 120	DESA 1
NSLU 125	GRIER 4X
NSLU 142	GRIER 16
NSLU 181	PROPOSED NEW PRODUCER
NSLU 183	PROPOSED NEW PRODUCER
NSLU 143	GRIER A 1 (GRIER B FED)
NSLU 144	GRIER A 1
NSLU 159	GRIER B 2
J CLEO THOMPSON NONOPERATED	OVERTON 9



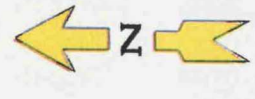
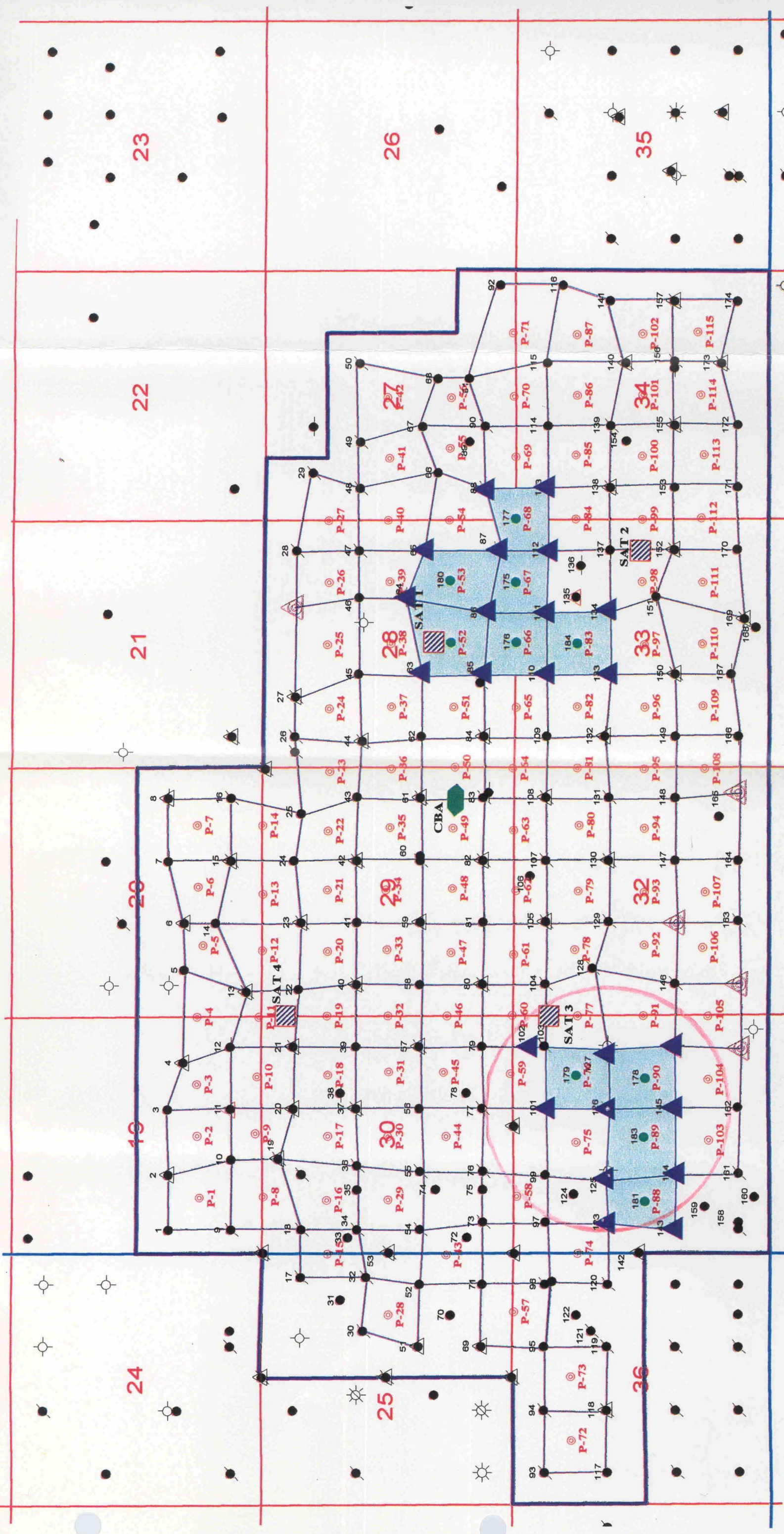
GPI ENERGY, INC.
 NORTH SQUARE LAKE UNIT
 EDDY COUNTY, NEW MEXICO
 PHASE 1 C-108 AREA OF REVIEW
 MANNY SIRGO SCALE: 1"=2000' 4/2000

NSLU # 125

- LEGEND**
- Active Oil Well
 - Inactive Oil Well
 - ▲ Abandoned Oil Well
 - ▲ Active Injector Well
 - ▲ Inactive Injector Well
 - ▲ Abandoned Injector Well
 - PROPOSED 20 ACRE INFILL PRODUCER
 - ▲ PROPOSED NEW DRILL INJECTOR
 - PRODUCTION / INJ. SATELLITE
 - CENTRAL PRODUCTION / INJ. FACILITY
 - PHASE 1 PATTERN PRODUCER
 - ▲ PHASE 1 PATTERN INJECTOR
 - PHASE 1 PATTERN

PHASE I – WEST PATTERNS
NSLU NO. 125 (GRIER NO. 4X)
WELLS IN AREA OF REVIEW

<u>UNIT WELL NO.</u>	<u>FORMER NAME & WELL NO.</u>
NSLU 185	STATE H 4
NSLU 75	LOE 11
NSLU 76	LOE GRIER 1
NSLU 100	GRIER 15
NSLU 127	GRIER 7X
NSLU 161	GRIER 4 (LOE FED)
NSLU 96	STATE H 3 (STATE J)
NSLU 97	GRIER FED 1
NSLU 99	GRIER 3
NSLU 101	GRIER 11
NSLU 124	GRIER 20
NSLU 179	PROPOSED NEW PRODUCER
NSLU 120	DESA 1
NSLU 123	GRIER 2
NSLU 126	GRIER 5
NSLU 142	GRIER 16
NSLU 181	PROPOSED NEW PRODUCER
NSLU 183	PROPOSED NEW PRODUCER
NSLU 178	PROPOSED NEW PRODUCER
NSLU 143	GRIER A 1 (GRIER B FED)
NSLU 144	GRIER A 1
NSLU 145	GRIER 6
NSLU 159	GRIER B 2
J CLEO THOMPSON NONOPERATED	OVERTON ST 9



- LEGEND**
- Active Oil Well
 - Inactive Oil Well
 - ⊗ Abandoned Oil Well
 - ▲ Active Injector Well
 - ⊖ Inactive Injector Well
 - ⊘ Abandoned Injector Well
 - PROPOSED 20 ACRE INFILL PRODUCER
 - ▲ PROPOSED NEW DRILL INJECTOR

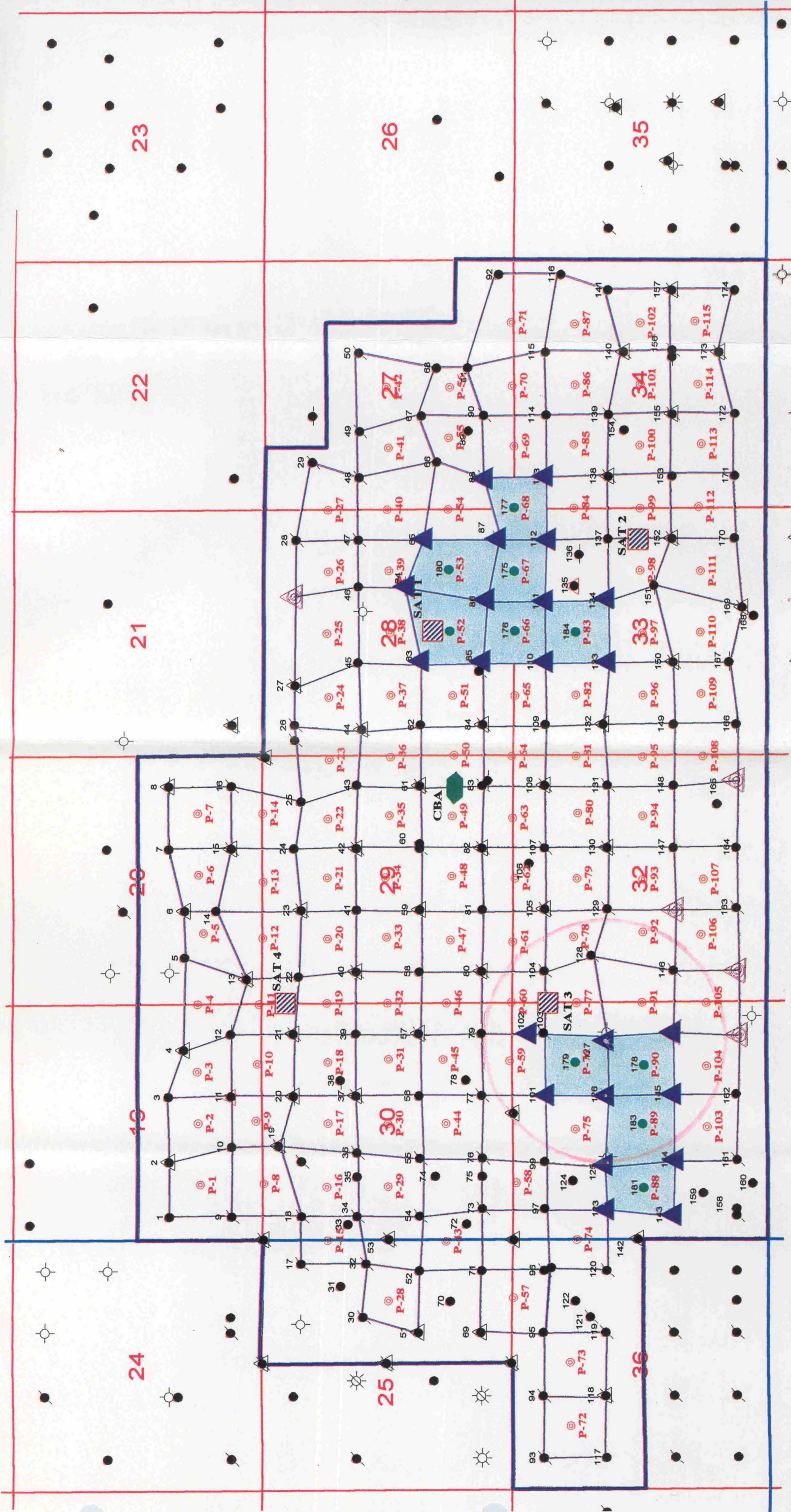
- ▨ PRODUCTION / INJ. SATELLITE
- ▨ CENTRAL PRODUCTION / INJ. FACILITY
- PHASE 1 PATTERN PRODUCER
- ▲ PHASE 1 PATTERN INJECTOR
- ▨ PHASE 1 PATTERN

GPI ENERGY, INC.	
NORTH SQUARE LAKE UNIT EDDY COUNTY, NEW MEXICO PHASE 1 C-108 AREA OF REVIEW	
MANNY SIROO	SCALE: 1"=300'
	4/2000

NSLU # 126

PHASE I – WEST PATTERNS
NSLU NO. 126 (GRIER NO. 5)
WELLS IN AREA OF REVIEW

<u>UNIT WELL NO.</u>	<u>FORMER NAME & WELL NO.</u>
NSLU 77	GRIER 10
NSLU 162	GRIER 18
NSLU 143	GRIER A 1 (GRIER B FED)
NSLU 123	GRIER 2
NSLU 97	GRIER FED 1
NSLU 99	GRIER 3
NSLU 101	GRIER 11
NSLU 102	GRIER 17
NSLU 103	GRIER 9
NSLU 124	GRIER 20
NSLU 179	PROPOSED NEW PRODUCER
NSLU 125	GRIER 4X
NSLU 127	GRIER 7X
NSLU 181	PROPOSED NEW PRODUCER
NSLU 183	PROPOSED NEW PRODUCER
NSLU 178	PROPOSED NEW PRODUCER
NSLU 144	GRIER A 1
NSLU 145	GRIER 6
NSLU 100	GRIER 15



GP II ENERGY, INC.
 NORTH SQUARE LAKE UNIT
 EDDY COUNTY, NEW MEXICO
 PHASE I C-108 AREA OF REVIEW

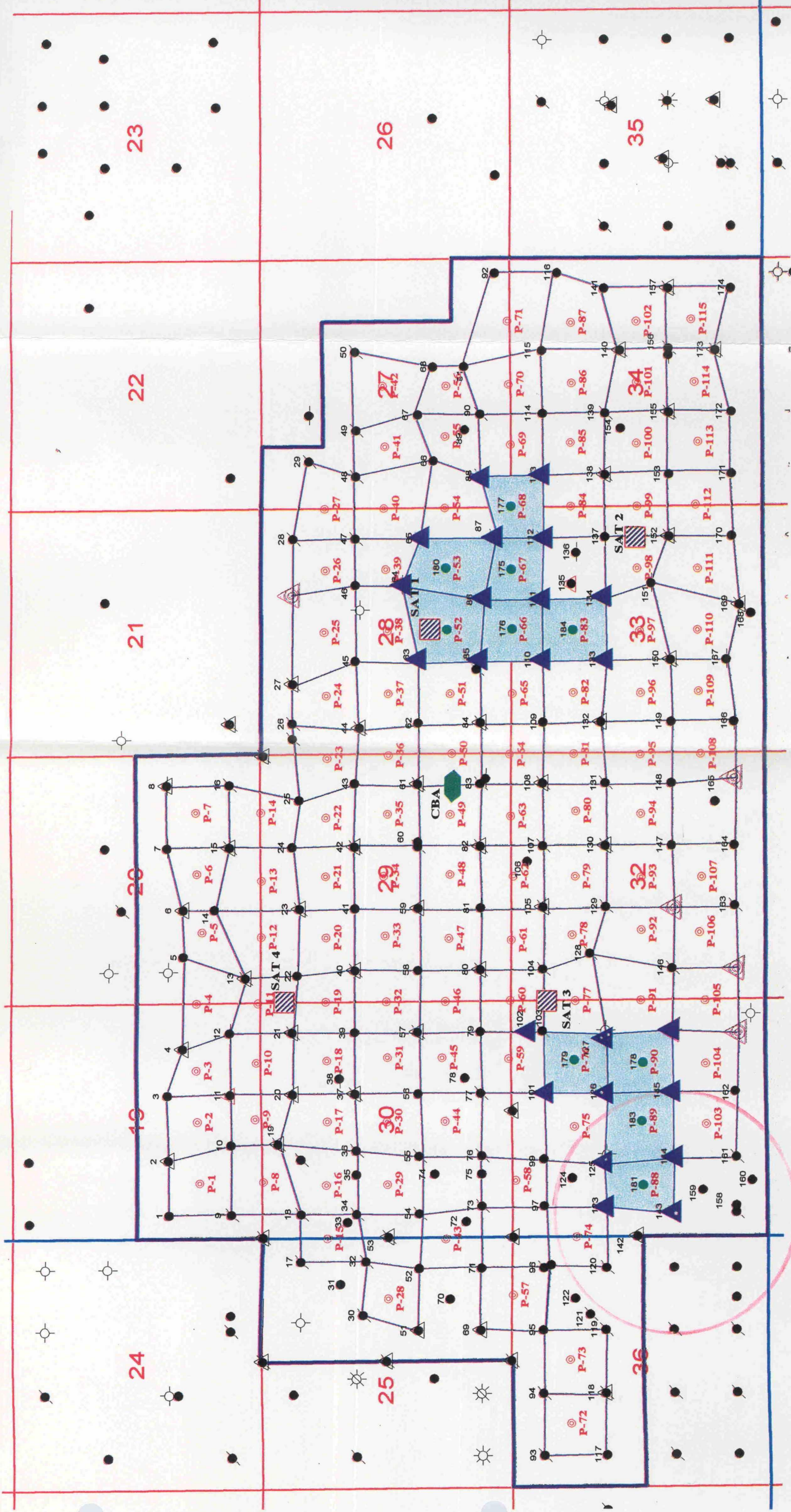
MANNYSBRO	SCALE: 1"=300'	4/2000
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NSLU # 127

- LEGEND**
- Active Oil Well
 - Inactive Oil Well
 - ▲ Active Injector Well
 - ▲ Inactive Injector Well
 - ▲ Abandoned Injector Well
 - PROPOSED 20 ACRE INFILL PRODUCER
 - ▲ PROPOSED NEW DRILL INJECTOR
- PHASE I PATTERN PRODUCER**
- PHASE I PATTERN INJECTOR**
- PHASE I PATTERN**
- PRODUCTION / INJ. SATELLITE**
- CENTRAL PRODUCTION / INJ. FACILITY**

PHASE I – WEST PATTERNS
NSLU NO. 127 (GRIER NO. 7X)
WELLS IN AREA OF REVIEW

<u>UNIT WELL NO.</u>	<u>FORMER NAME & WELL NO.</u>
NSLU 79	J N FIDEL 1
NSLU 129	STATE R 4
NSLU 125	GRIER 4X
NSLU 101	GRIER 11
NSLU 102	GRIER 17
NSLU 103	GRIER 9
NSLU 104	STATE R 1
NSLU 179	PROPOSED NEW PRODUCER
NSLU 126	GRIER 5
NSLU 128	STATE R 2
NSLU 183	PROPOSED NEW PRODUCER
NSLU 178	PROPOSED NEW PRODUCER
NSLU 145	GRIER 6
NSLU 146	DOOLIN 2
NSLU 100	GRIER 15



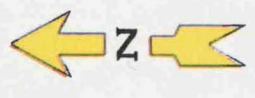
GP II ENERGY, INC.

NORTH SQUARE LAKE UNIT
EDDY COUNTY, NEW MEXICO
PHASE I C-108 AREA OF REVIEW

MANNY SIROO	SCALE: 1"=300'	4/2000
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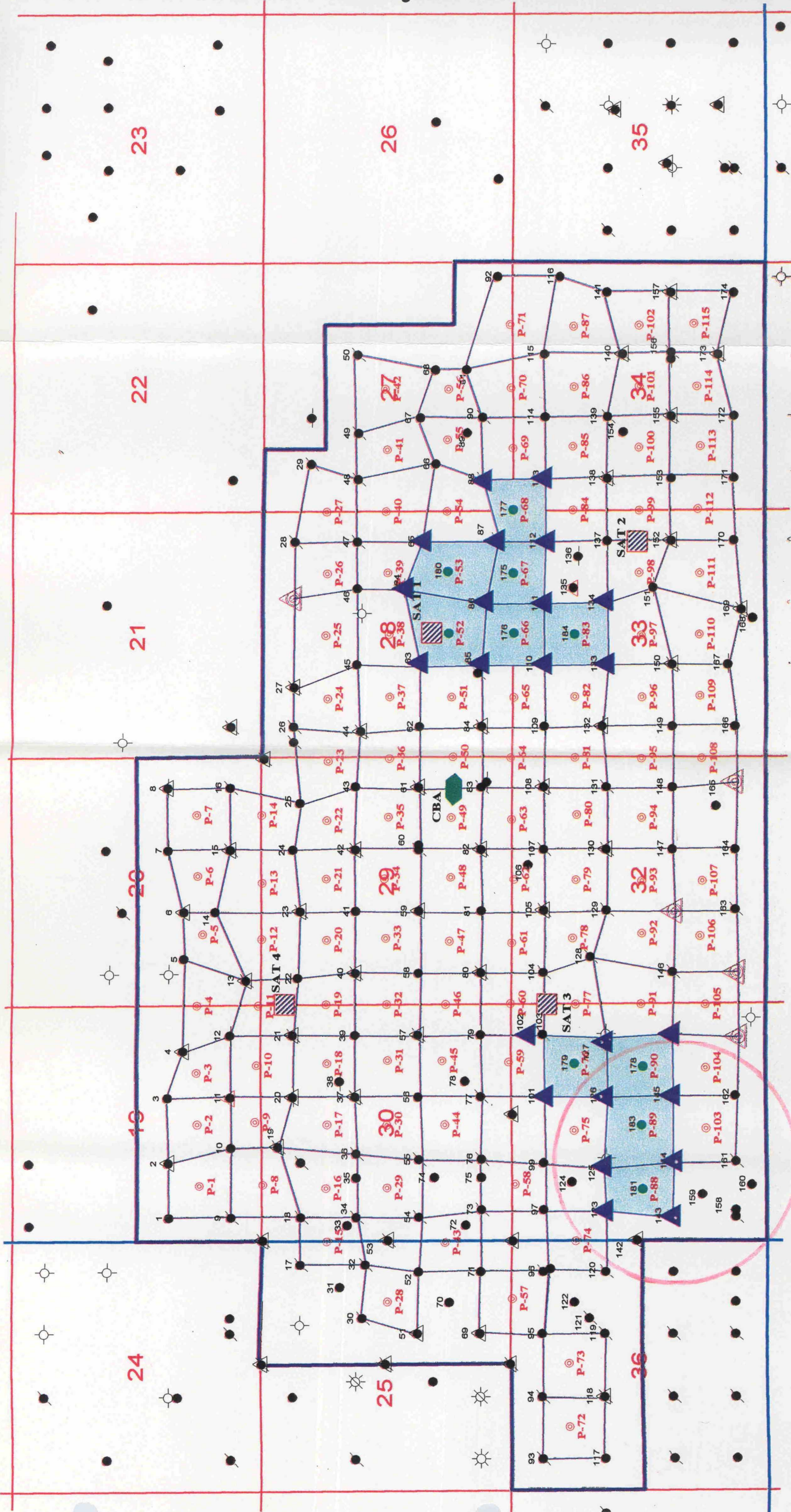
NSLU # 143

- LEGEND**
- Active Oil Well
 - Inactive Oil Well
 - ⊗ Abandoned Oil Well
 - ▲ Active Injector Well
 - ⊘ Inactive Injector Well
 - ⊙ Abandoned Injector Well
 - PROPOSED 20 ACRE INFILL PRODUCER
 - ▲ PROPOSED NEW DRILL INJECTOR
-
- ▨ PRODUCTION / INJ. SATELLITE
 - ⬢ CENTRAL PRODUCTION / INJ. FACILITY
 - PHASE 1 PATTERN PRODUCER
 - ▲ PHASE 1 PATTERN INJECTOR
 - ▨ PHASE 1 PATTERN



PHASE I – WEST PATTERNS
NSLU NO. 144 (GRIER A NO. 1)
WELLS IN AREA OF REVIEW

<u>UNIT WELL NO.</u>	<u>FORMER NAME & WELL NO.</u>
NSLU 120	DESA 1
NSLU 99	GRIER 3
NSLU 124	GRIER 20
NSLU 123	GRIER 2
NSLU 125	GRIER 4X
NSLU 126	GRIER 5
NSLU 142	GRIER 16
NSLU 181	PROPOSED NEW PRODUCER
NSLU 183	PROPOSED NEW PRODUCER
NSLU 178	PROPOSED NEW PRODUCER
NSLU 143	GRIER A 1
NSLU 145	GRIER 6
NSLU 159	GRIER B 2
NSLU 158	H J LOE 5
NSLU 160	H J LOE 1
NSLU 161	GRIER 4
NSLU 162	GRIER 18
J CLEO THOMPSON NONOPERATED	OVERTON ST 9
	WSLU 10



GP II ENERGY, INC.
 NORTH SQUARE LAKE UNIT
 EDDY COUNTY, NEW MEXICO
 PHASE 1 C-108 AREA OF REVIEW

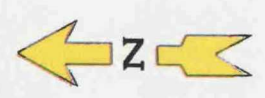
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 SCALE: 1"=3000'
 4/2000

NSLU # 144

PRODUCTION / INJ. SATELLITE
 PHASE 1 PATTERN PRODUCER
 PHASE 1 PATTERN INJECTOR
 PHASE 1 PATTERN

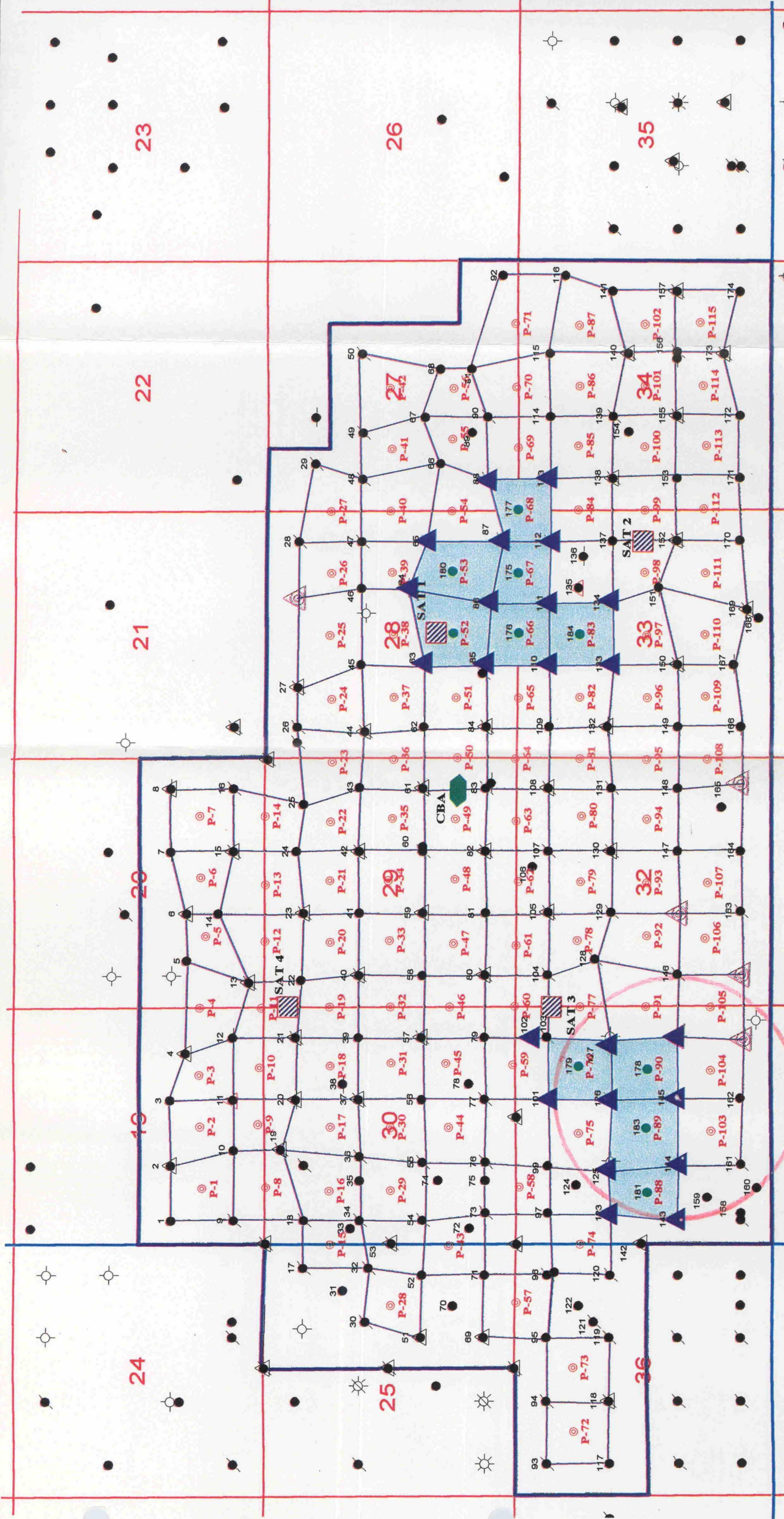
PRODUCTION / INJ. SATELLITE
 CENTRAL PRODUCTION / INJ. FACILITY

LEGEND
 ● Active Oil Well
 ○ Inactive Oil Well
 ✕ Abandoned Oil Well
 ▲ Active Injector Well
 △ Inactive Injector Well
 ✕ Abandoned Injector Well
 ● PROPOSED 20 ACRE INFILL PRODUCER
 ▲ PROPOSED NEW DRILL INJECTOR



PHASE I – WEST PATTERNS
NSLU NO. 145 (GRIER NO. 6)
WELLS IN AREA OF REVIEW

<u>UNIT WELL NO.</u>	<u>FORMER NAME & WELL NO.</u>
NSLU 146	DOOLIN 2
NSLU 160	H J LOE 1
NSLU 158	H J LOE 5
NSLU 143	GRIER A 1
NSLU 125	GRIER 4X
NSLU 126	GRIER 5
NSLU 179	PROPOSED NEW PRODUCER
NSLU 127	GRIER 7X
NSLU 181	PROPOSED NEW PRODUCER
NSLU 183	PROPOSED NEW PRODUCER
NSLU 178	PROPOSED NEW PRODUCER
NSLU 159	GRIER B 2
NSLU 161	GRIER 4
NSLU 162	GRIER 18
NSLU 144	GRIER A 1



GP II ENERGY, INC.
 NORTH SQUARE LAKE UNIT
 EDDY COUNTY, NEW MEXICO
 PHASE I C-108 AREA OF REVIEW

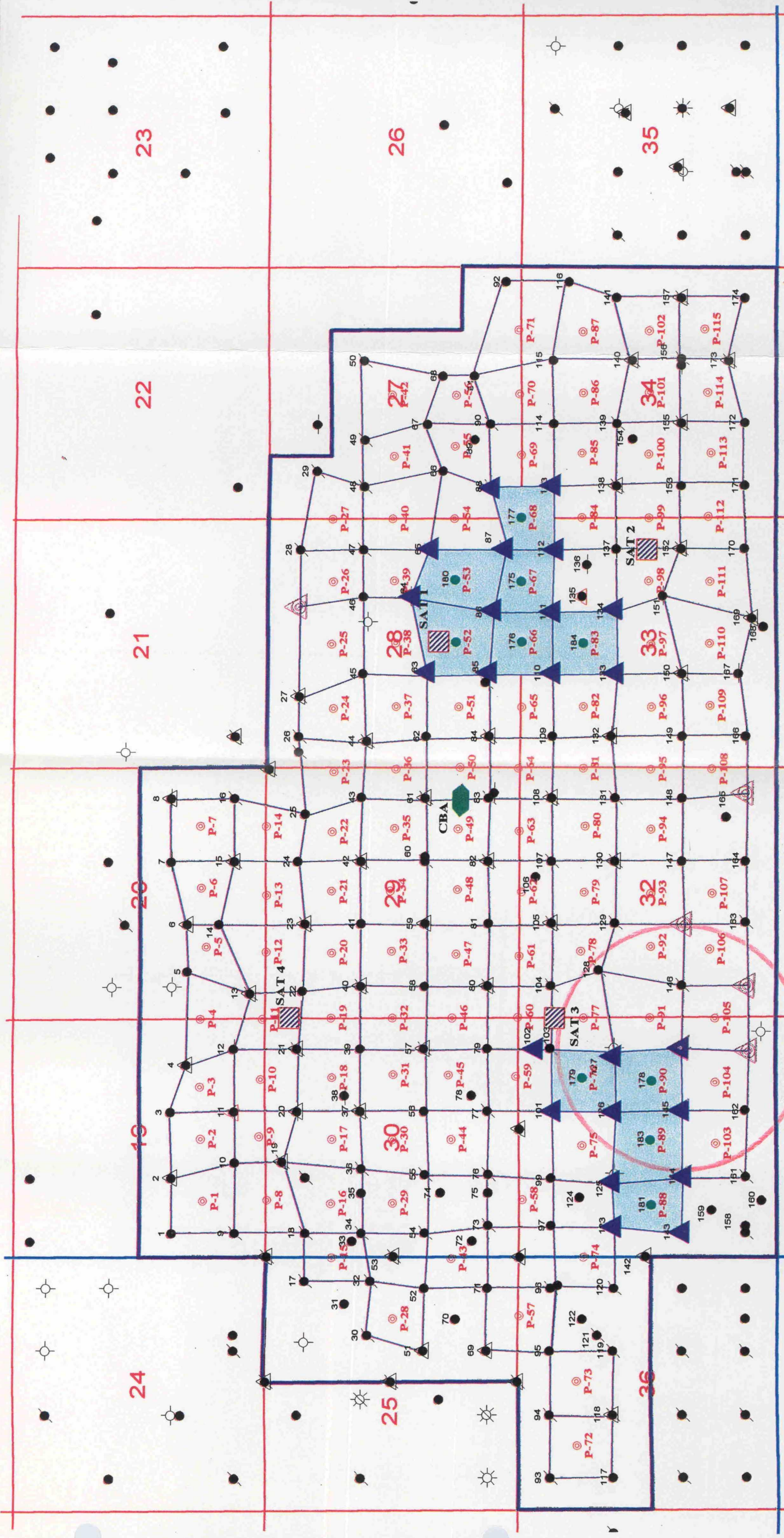
MANNY SIRCO	SCALE: 1"=300'	4/2000
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NSLU # 145

- LEGEND**
- Active Oil Well
 - Inactive Oil Well
 - ✕ Abandoned Oil Well
 - ▲ Active Injector Well
 - △ Inactive Injector Well
 - ⊖ Abandoned Injector Well
 - PROPOSED 20 ACRE INFILL PRODUCER
 - ▲ PROPOSED NEW DRILL INJECTOR
- PHASE 1 PATTERN PRODUCER
 PHASE 1 PATTERN INJECTOR
 PHASE 1 PATTERN
 PRODUCTION / INJ. SATELLITE
 CENTRAL PRODUCTION / INJ. FACILITY

PHASE I - WEST PATTERNS
NSLU PHASE I NEW INJECTOR
WELLS IN AREA OF REVIEW

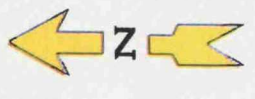
<u>UNIT WELL NO.</u>	<u>FORMER NAME & WELL NO.</u>
NSLU 103	GRIER 9
NSLU 128	STATE R 2
NSLU 144	GRIER A 1
NSLU 179	PROPOSED NEW PRODUCER
NSLU 126	GRIER 5
NSLU 127	GRIER 7X
NSLU 183	PROPOSED NEW PRODUCER
NSLU 178	PROPOSED NEW PRODUCER
NSLU 145	GRIER 6
NSLU 146	DOOLIN 2
NSLU 162	GRIER 18



GPI ENERGY, INC.
 NORTH SQUARE LAKE UNIT
 EDDY COUNTY, NEW MEXICO
 PHASE 1 C-108 AREA OF REVIEW
 MANNY SIROO
 SCALE: 1"=3000'
 4/2000

NSLU # NEW INJECTOR

- LEGEND**
- Active Oil Well
 - Inactive Oil Well
 - ▲ Abandoned Oil Well
 - ▲ Active Injector Well
 - ▲ Inactive Injector Well
 - ▲ Abandoned Injector Well
 - PROPOSED 20 ACRE INFILL PRODUCER
 - ▲ PROPOSED NEW DRILL INJECTOR
-
- PRODUCTION / INJ. SATELLITE
 - CENTRAL PRODUCTION / INJ. FACILITY
 - PHASE 1 PATTERN PRODUCER
 - ▲ PHASE 1 PATTERN INJECTOR
 - PHASE 1 PATTERN



PHASE I – WEST PATTERNS
NSLU NO. 143 (GRIER A NO. 1) GRIER B FED
WELLS IN AREA OF REVIEW

<u>UNIT WELL NO.</u>	<u>FORMER NAME & WELL NO.</u>
NSLU 121	STATE J 1
NSLU 122	TELLYER STATE 1
NSLU 97	GRIER FED 1
NSLU 145	GRIER 6
NSLU 124	GRIER 20
NSLU 123	GRIER 2
NSLU 125	GRIER 4X
NSLU 120	DESA 1
NSLU 142	GRIER 16
NSLU 181	PROPOSED NEW PRODUCER
NSLU 183	PROPOSED NEW PRODUCER
NSLU 144	GRIER A 1
NSLU 159	GRIER B 2
NSLU 158	H J LOE 5
NSLU 160	H J LOE 1
NSLU 161	GRIER 4
J CLEO THOMPSON NONOPERATED	OVERTON ST 9
	TIDEWATER 7
	WSLU 12
	WSLU 10