

STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL
RESOURCES DEPARTMENT

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, New Mexico 87505

FORM C-108
Revised June 10, 2003

APPLICATION FOR AUTHORIZATION TO INJECT

I. PURPOSE: Secondary Recovery Pressure Maintenance Disposal Storage
Application qualifies for administrative approval? Yes No

II. OPERATOR: FAE II Operating LLC
ADDRESS: 11757 Katy Freeway, Suite 725, Houston, TX 77079
CONTACT PARTY: Jessica LaMarro PHONE: (832) 706 0049

III. WELL DATA: Complete the data required on the reverse side of this form for each well proposed for injection.
Additional sheets may be attached if necessary.

IV. Is this an expansion of an existing project? Yes No
If yes, give the Division order number authorizing the project: R-22349

V. Attach a map that identifies all wells and leases within two miles of any proposed injection well with a one-half mile radius circle drawn around each proposed injection well. This circle identifies the well's area of review.

VI. Attach a tabulation of data on all wells of public record within the area of review which penetrate the proposed injection zone. Such data shall include a description of each well's type, construction, date drilled, location, depth, record of completion, and a schematic of any plugged well illustrating all plugging detail.

VII. Attach data on the proposed operation, including:
1. Proposed average and maximum daily rate and volume of fluids to be injected;
2. Whether the system is open or closed;
3. Proposed average and maximum injection pressure;
4. Sources and an appropriate analysis of injection fluid and compatibility with the receiving formation if other than reinjected produced water; and
5. If injection is for disposal purposes into a zone not productive of oil or gas at or within one mile of the proposed well, attach a chemical analysis of the disposal zone formation water (may be measured or inferred from existing literature, studies, nearby wells, etc.).

*VIII. Attach appropriate geologic data on the injection zone including appropriate lithologic detail, geologic name, thickness, and depth. Give the geologic name, and depth to bottom of all underground sources of drinking water (aquifers containing waters with total dissolved solids concentrations of 10,000 mg/l or less) overlying the proposed injection zone as well as any such sources known to be immediately underlying the injection interval.

IX. Describe the proposed stimulation program, if any.

*X. Attach appropriate logging and test data on the well. (If well logs have been filed with the Division, they need not be resubmitted).

*XI. Attach a chemical analysis of fresh water from two or more fresh water wells (if available and producing) within one mile of any injection or disposal well showing location of wells and dates samples were taken.

XII. Applicants for disposal wells must make an affirmative statement that they have examined available geologic and engineering data and find no evidence of open faults or any other hydrologic connection between the disposal zone and any underground sources of drinking water.

XIII. Applicants must complete the "Proof of Notice" section on the reverse side of this form.

XIV. Certification: I hereby certify that the information submitted with this application is true and correct to the best of my knowledge and belief.

NAME: Jessica LaMarro TITLE: Geologist
SIGNATURE: [Signature] DATE: 12/8/2022
E-MAIL ADDRESS: Jessica@faenergyus.com

* If the information required under Sections VI, VIII, X, and XI above has been previously submitted, it need not be resubmitted. Please show the date and circumstances of the earlier submittal: _____

DISTRIBUTION: Original and one copy to Santa Fe with one copy to the appropriate District Office

Side 2

III. WELL DATA

A. The following well data must be submitted for each injection well covered by this application. The data must be both in tabular and schematic form and shall include:

- (1) Lease name; Well No.; Location by Section, Township and Range; and footage location within the section.
- (2) Each casing string used with its size, setting depth, sacks of cement used, hole size, top of cement, and how such top was determined.
- (3) A description of the tubing to be used including its size, lining material, and setting depth.
- (4) The name, model, and setting depth of the packer used or a description of any other seal system or assembly used.

Division District Offices have supplies of Well Data Sheets which may be used or which may be used as models for this purpose. Applicants for several identical wells may submit a "typical data sheet" rather than submitting the data for each well.

B. The following must be submitted for each injection well covered by this application. All items must be addressed for the initial well. Responses for additional wells need be shown only when different. Information shown on schematics need not be repeated.

- (1) The name of the injection formation and, if applicable, the field or pool name.
- (2) The injection interval and whether it is perforated or open-hole.
- (3) State if the well was drilled for injection or, if not, the original purpose of the well.
- (4) Give the depths of any other perforated intervals and detail on the sacks of cement or bridge plugs used to seal off such perforations.
- (5) Give the depth to and the name of the next higher and next lower oil or gas zone in the area of the well, if any.

XIV. PROOF OF NOTICE

All applicants must furnish proof that a copy of the application has been furnished, by certified or registered mail, to the owner of the surface of the land on which the well is to be located and to each leasehold operator within one-half mile of the well location.

Where an application is subject to administrative approval, a proof of publication must be submitted. Such proof shall consist of a copy of the legal advertisement which was published in the county in which the well is located. The contents of such advertisement must include:

- (1) The name, address, phone number, and contact party for the applicant;
- (2) The intended purpose of the injection well; with the exact location of single wells or the Section, Township, and Range location of multiple wells;
- (3) The formation name and depth with expected maximum injection rates and pressures; and,
- (4) A notation that interested parties must file objections or requests for hearing with the Oil Conservation Division, 1220 South St. Francis Dr., Santa Fe, New Mexico 87505, within 15 days.

NO ACTION WILL BE TAKEN ON THE APPLICATION UNTIL PROPER PROOF OF NOTICE HAS BEEN SUBMITTED.

NOTICE: Surface owners or offset operators must file any objections or requests for hearing of administrative applications within 15 days from the date this application was mailed to them.

INJECTION WELL DATA SHEET

Tubing Size: _____ Lining Material: _____

Type of Packer: _____

Packer Setting Depth: _____

Other Type of Tubing/Casing Seal (if applicable): _____

Additional Data

1. Is this a new well drilled for injection? _____ Yes _____ No

If no, for what purpose was the well originally drilled? _____

2. Name of the Injection Formation: _____

3. Name of Field or Pool (if applicable): _____

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e. sacks of cement or plug(s) used. _____

5. Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area: _____

Part III.

III. Well Data

For the Following Wells:

- | | |
|-----------------------|------------------------|
| 1. STATE A A/C 2 #96 | 8. STATE A A/C 2 #103 |
| 2. STATE A A/C 2 #97 | 9. STATE A A/C 2 #104 |
| 3. STATE A A/C 2 #98 | 10. STATE A A/C 2 #105 |
| 4. STATE A A/C 2 #99 | 11. STATE A A/C 2 #106 |
| 5. STATE A A/C 2 #100 | 12. STATE A A/C 2 #107 |
| 6. STATE A A/C 2 #101 | 13. STATE A A/C 2 #108 |
| 7. STATE A A/C 2 #102 | 14. STATE A A/C 2 #109 |

Black Beard North Expansion

New Drill Injector Example

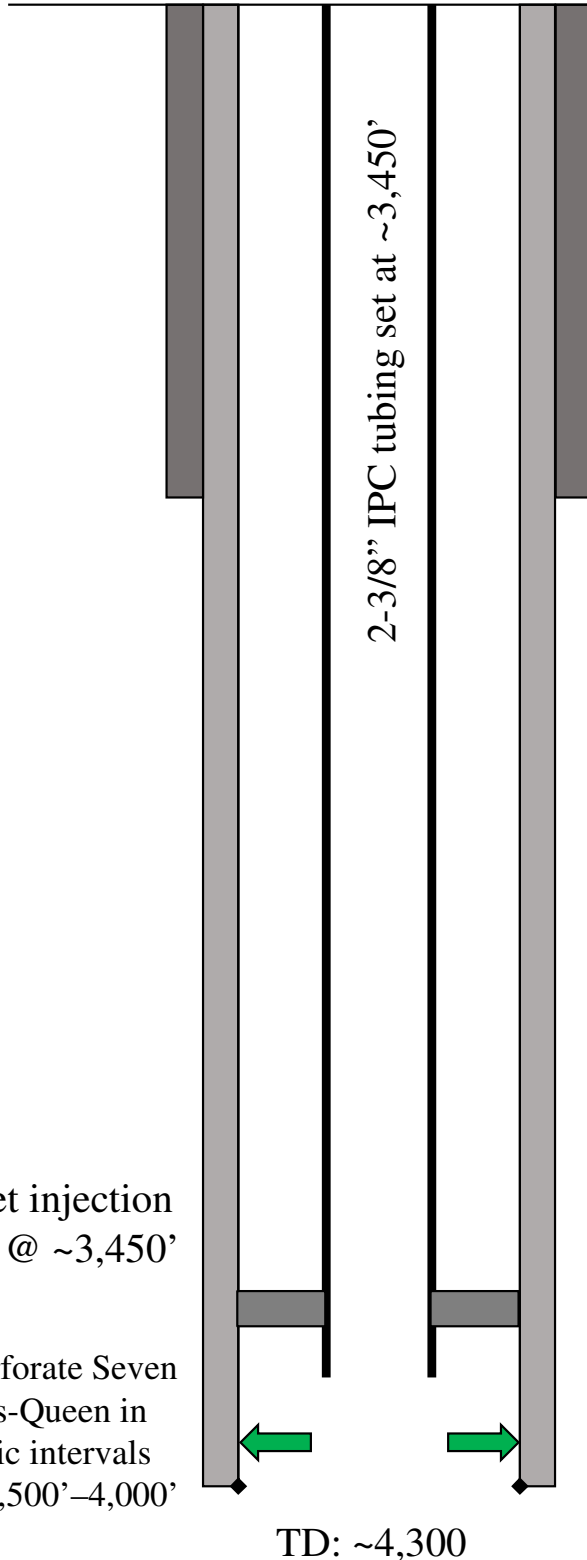
Legal: Sect 5 & 8, Twn 22S Rge 36E

API # 30-025-xxxxx

Eunice South, Lea Co., NM

Completion Date: TBD

These wells will be drilled for the purpose of injection



Surface Casing

Hole Size:	<u>8-3/4"</u>
Casing Size:	<u>7"</u>
Depth Set:	<u>+1450'</u>
Top of Cement:	<u>surface</u>
Cement with	<u>330 sx</u>
Method Determined:	<u>Circulate</u>

O & G Formation	Interval
SR-Q Inj. Zone	3,500' – 4,000'
Grayburg	4,000'+

Intermediate Casing

Hole Size:	<u>6-1/4"</u>
Casing Size:	<u>4-1/2"</u>
Depth Set:	<u>4,300'</u>
Top of Cement:	<u>surface</u>
Cement with	<u>700 sx</u>
Method Determined:	<u>Circulate</u>

Will set injection packer @ ~3,450'

Will perforate Seven Rivers-Queen in specific intervals from ~3,500'–4,000'

TD: ~4,300

III. Well Data (1 of 14)

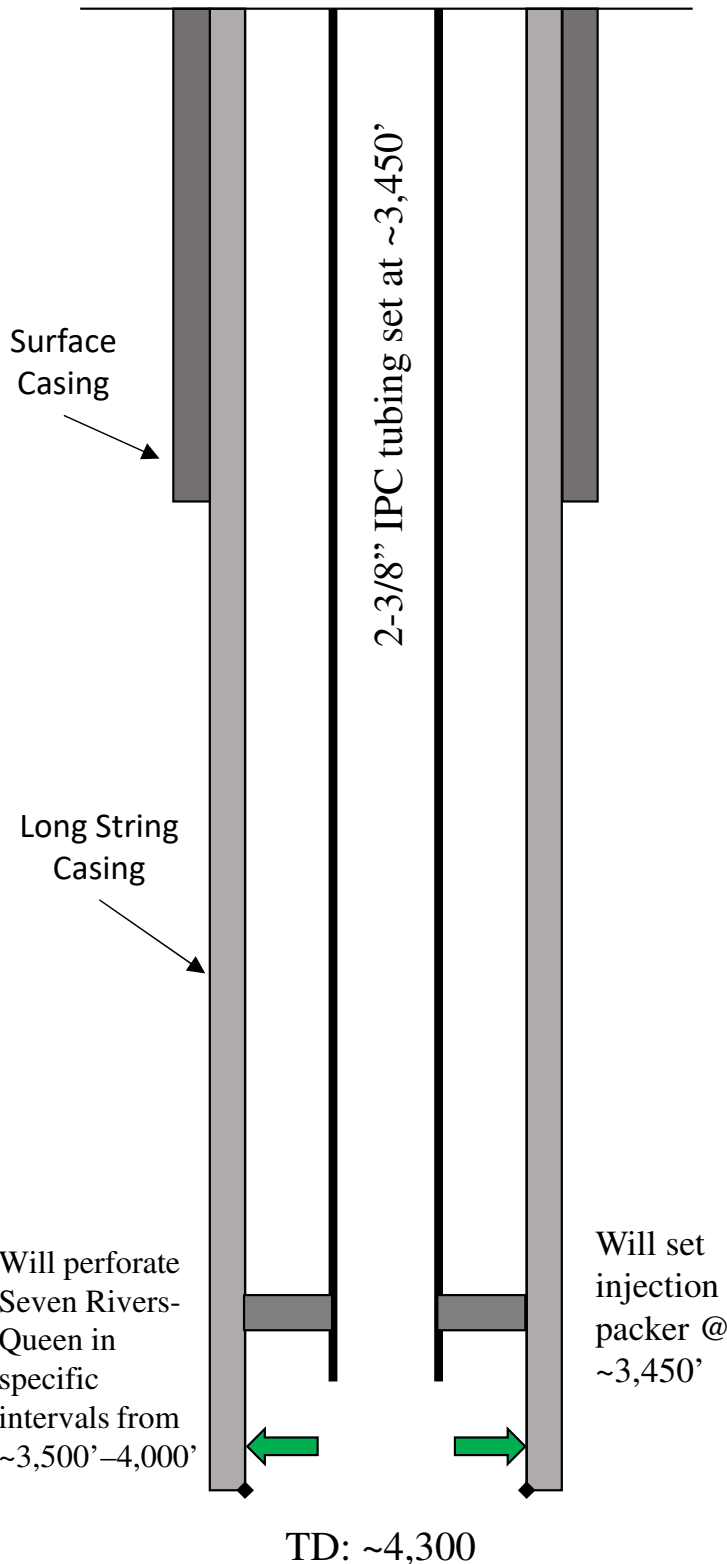
INJECTION WELL DATA SHEET

OPERATOR: FAE II Operating LLC

WELL NAME & NUMBER: STATE A A/C 2 #96

WELL LOCATION: 1350 FSL 1300 FEL I 5 22S 36E
 FOOTAGE LOCATION UNIT LETTER SECTION TOWNSHIP RANGE

WELLBORE SCHEMATIC



WELL CONSTRUCTION DATA

Surface Casing

Hole Size:	<u>8-3/4"</u>
Casing Size:	<u>7"</u>
Depth Set:	<u>1500'</u>
Top of Cement:	<u>surface</u>
Cement with	<u>350 sx</u>
Method Determined:	<u>circ.</u>

Long String Casing

Hole Size:	<u>6-1/4"</u>
Casing Size:	<u>4-1/2"</u>
Depth Set:	<u>4,300'</u>
Top of Cement:	<u>surface</u>
Cement with	<u>700 sx</u>
Method Determined:	<u>circ.</u>

Injection Interval

Seven Rivers-Queen Inj. Zone
~3,500' to 4,000'
 Zone will be Perforated

Tubing

Tubing Size:	<u>2-3/8"</u>
Lining Material:	<u>IPC</u>
Type of Packer:	<u>AS1-X</u>
Packer Depth Set:	<u>3,450'</u>

Additional Data

1. New well drilled for injection.
2. Injection Formation: Seven Rivers-Queen
3. Field: EUNICE SOUTH
4. Well has NOT been perforated before.
5. Underlying Oil Zone: Grayburg Formation
 - Depth of Underlying Zone: +4,000'

III. Well Data (2 of 14)

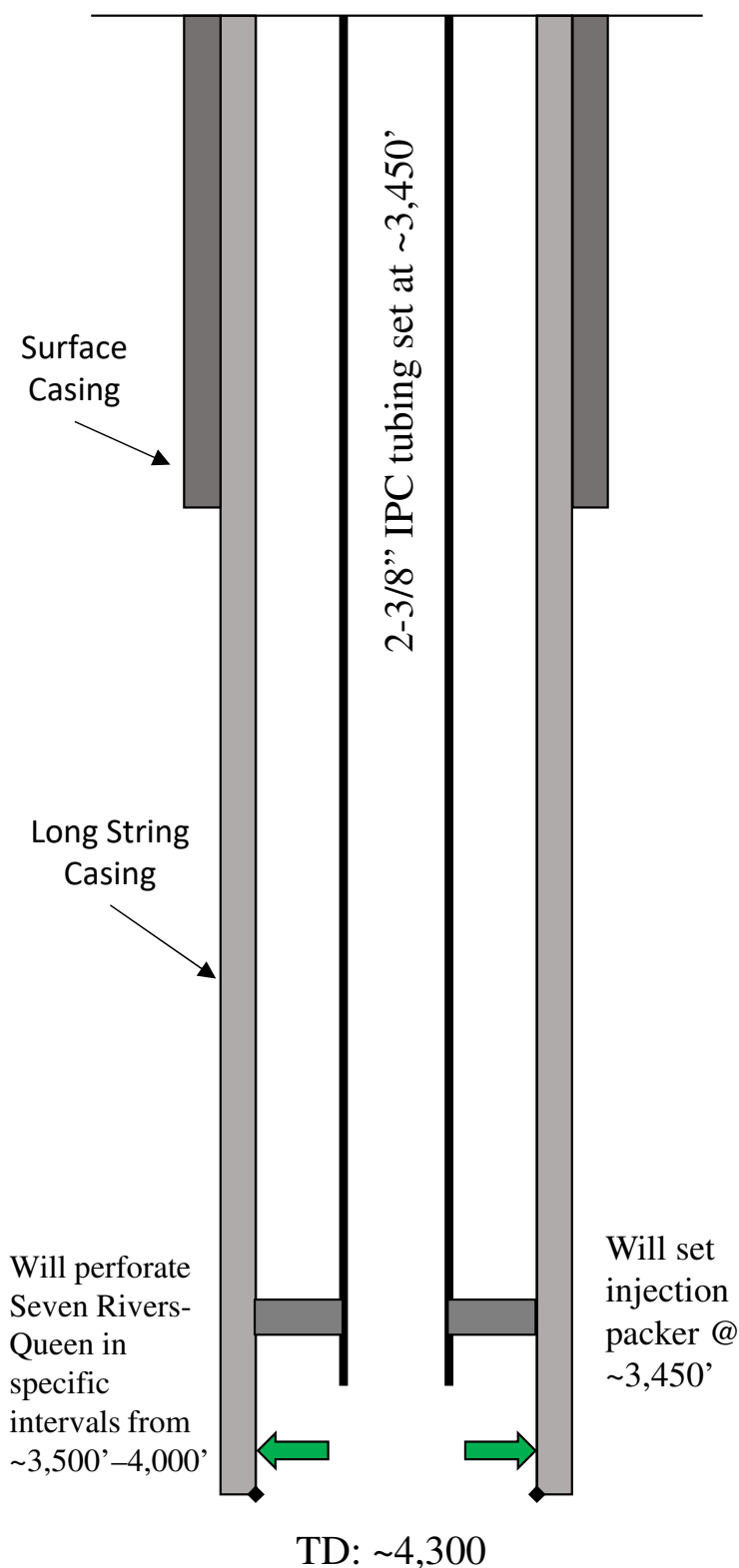
INJECTION WELL DATA SHEET

OPERATOR: FAE II Operating LLC

WELL NAME & NUMBER: STATE A A/C 2 #97

WELL LOCATION: 1350 FSL 2622 FEL J 5 22S 36E
 FOOTAGE LOCATION UNIT LETTER SECTION TOWNSHIP RANGE

WELLBORE SCHEMATIC



WELL CONSTRUCTION DATA

Surface Casing

Hole Size:	<u>8-3/4"</u>
Casing Size:	<u>7"</u>
Depth Set:	<u>1450'</u>
Top of Cement:	<u>surface</u>
Cement with	<u>330 sx</u>
Method Determined:	<u>circ.</u>

Long String Casing

Hole Size:	<u>6-1/4"</u>
Casing Size:	<u>4-1/2"</u>
Depth Set:	<u>4,300'</u>
Top of Cement:	<u>surface</u>
Cement with	<u>700 sx</u>
Method Determined:	<u>circ.</u>

Injection Interval

Seven Rivers-Queen Inj. Zone
~3,500' to 4,000'
 Zone will be Perforated

Tubing

Tubing Size:	<u>2-3/8"</u>
Lining Material:	<u>IPC</u>
Type of Packer:	<u>AS1-X</u>
Packer Depth Set:	<u>3,450'</u>

Additional Data

1. New well drilled for injection.
2. Injection Formation: Seven Rivers-Queen
3. Field: EUNICE SOUTH
4. Well has NOT been perforated before.
5. Underlying Oil Zone: Grayburg Formation
 - Depth of Underlying Zone: +4,050'

III. Well Data (3 of 14)

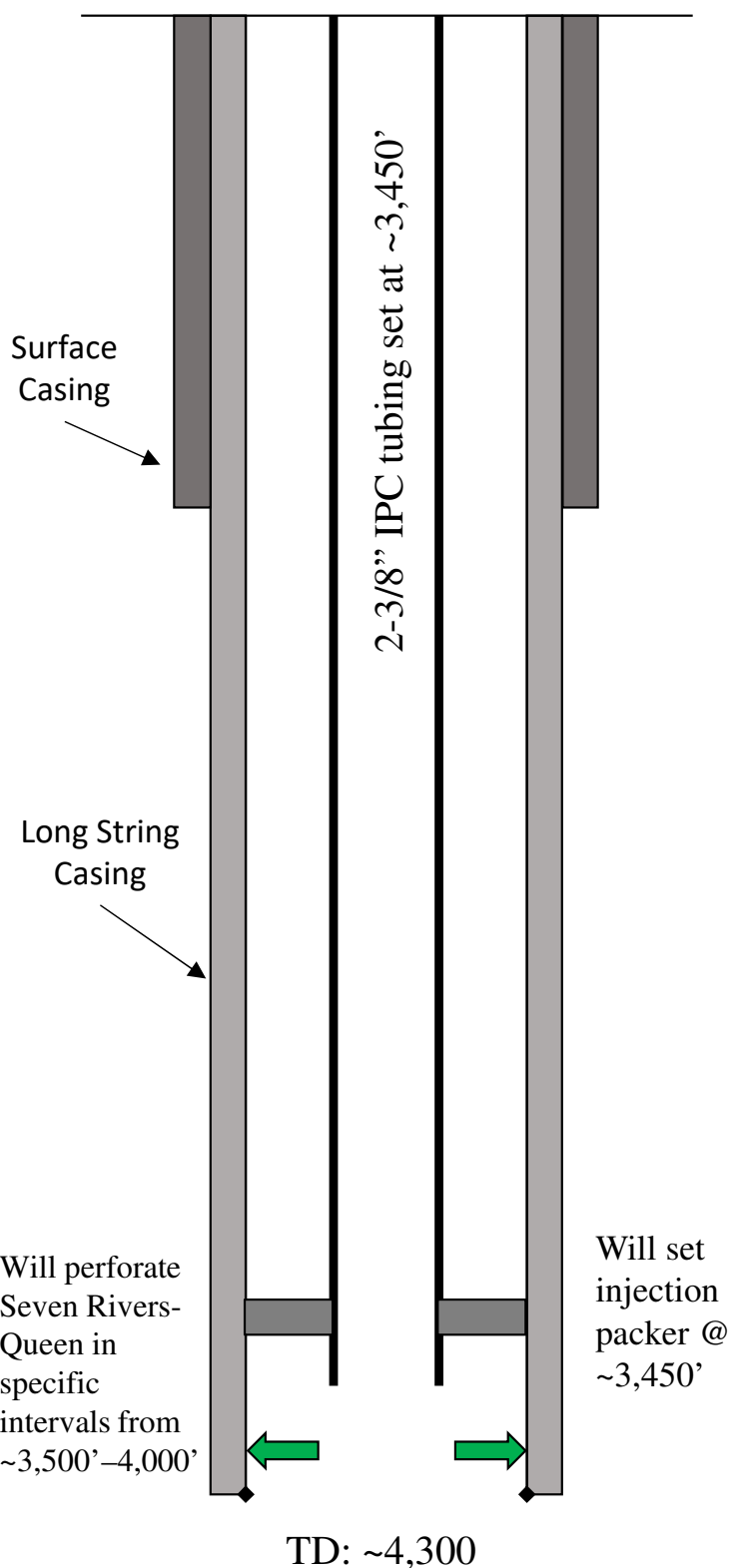
INJECTION WELL DATA SHEET

OPERATOR: FAE II Operating LLC

WELL NAME & NUMBER: STATE A A/C 2 #98

WELL LOCATION: 1354 FSL 1335 FWL L 5 22S 36E
 FOOTAGE LOCATION UNIT LETTER SECTION TOWNSHIP RANGE

WELLBORE SCHEMATIC



WELL CONSTRUCTION DATA

Surface Casing

Hole Size:	<u>8-3/4"</u>
Casing Size:	<u>7"</u>
Depth Set:	<u>1450'</u>
Top of Cement:	<u>surface</u>
Cement with	<u>330 sx</u>
Method Determined:	<u>circ.</u>

Long String Casing

Hole Size:	<u>6-1/4"</u>
Casing Size:	<u>4-1/2"</u>
Depth Set:	<u>4,300'</u>
Top of Cement:	<u>surface</u>
Cement with	<u>700 sx</u>
Method Determined:	<u>circ.</u>

Injection Interval

Seven Rivers-Queen Inj. Zone
~3,500' to 4,000'
 Zone will be Perforated

Tubing

Tubing Size:	<u>2-3/8"</u>
Lining Material:	<u>IPC</u>
Type of Packer:	<u>AS1-X</u>
Packer Depth Set:	<u>3,450'</u>

Additional Data

1. New well drilled for injection.
2. Injection Formation: Seven Rivers-Queen
3. Field: EUNICE SOUTH
4. Well has NOT been perforated before.
5. Underlying Oil Zone: Grayburg Formation
 - Depth of Underlying Zone: +4,100'

III. Well Data (4 of 14)

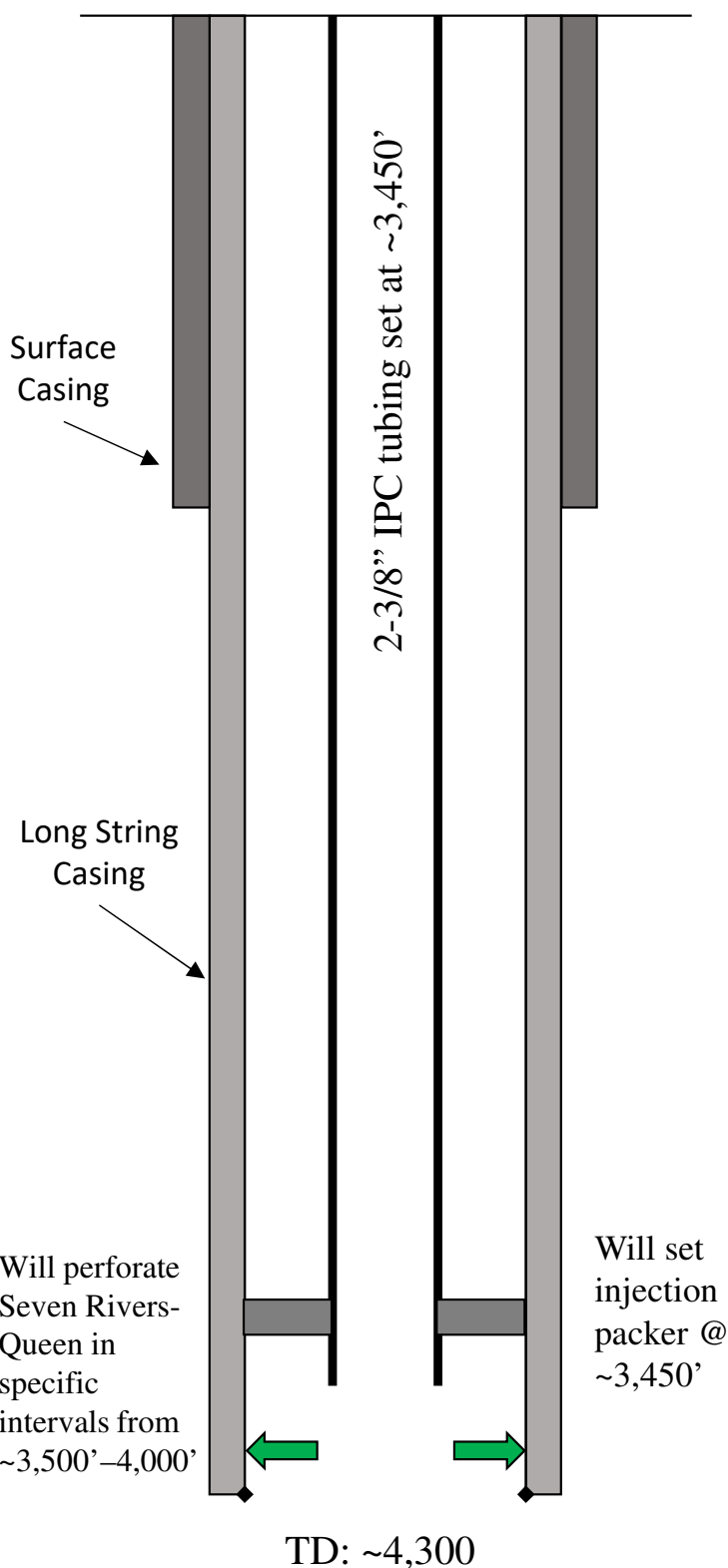
INJECTION WELL DATA SHEET

OPERATOR: FAE II Operating LLC

WELL NAME & NUMBER: STATE A A/C 2 #99

WELL LOCATION: 9 FSL 1346 FWL N 5 22S 36E
 FOOTAGE LOCATION UNIT LETTER SECTION TOWNSHIP RANGE

WELLBORE SCHEMATIC



WELL CONSTRUCTION DATA

Surface Casing

Hole Size:	<u>8-3/4"</u>
Casing Size:	<u>7"</u>
Depth Set:	<u>1450'</u>
Top of Cement:	<u>surface</u>
Cement with	<u>330 sx</u>
Method Determined:	<u>circ.</u>

Long String Casing

Hole Size:	<u>6-1/4"</u>
Casing Size:	<u>4-1/2"</u>
Depth Set:	<u>4,300'</u>
Top of Cement:	<u>surface</u>
Cement with	<u>700 sx</u>
Method Determined:	<u>circ.</u>

Injection Interval

Seven Rivers-Queen Inj. Zone
~3,500' to 4,000'
 Zone will be Perforated

Tubing

Tubing Size:	<u>2-3/8"</u>
Lining Material:	<u>IPC</u>
Type of Packer:	<u>AS1-X</u>
Packer Depth Set:	<u>3,450'</u>

Additional Data

1. New well drilled for injection.
2. Injection Formation: Seven Rivers-Queen
3. Field: EUNICE SOUTH
4. Well has NOT been perforated before.
5. Underlying Oil Zone: Grayburg Formation
 - Depth of Underlying Zone: +4,100'

III. Well Data (5 of 14)

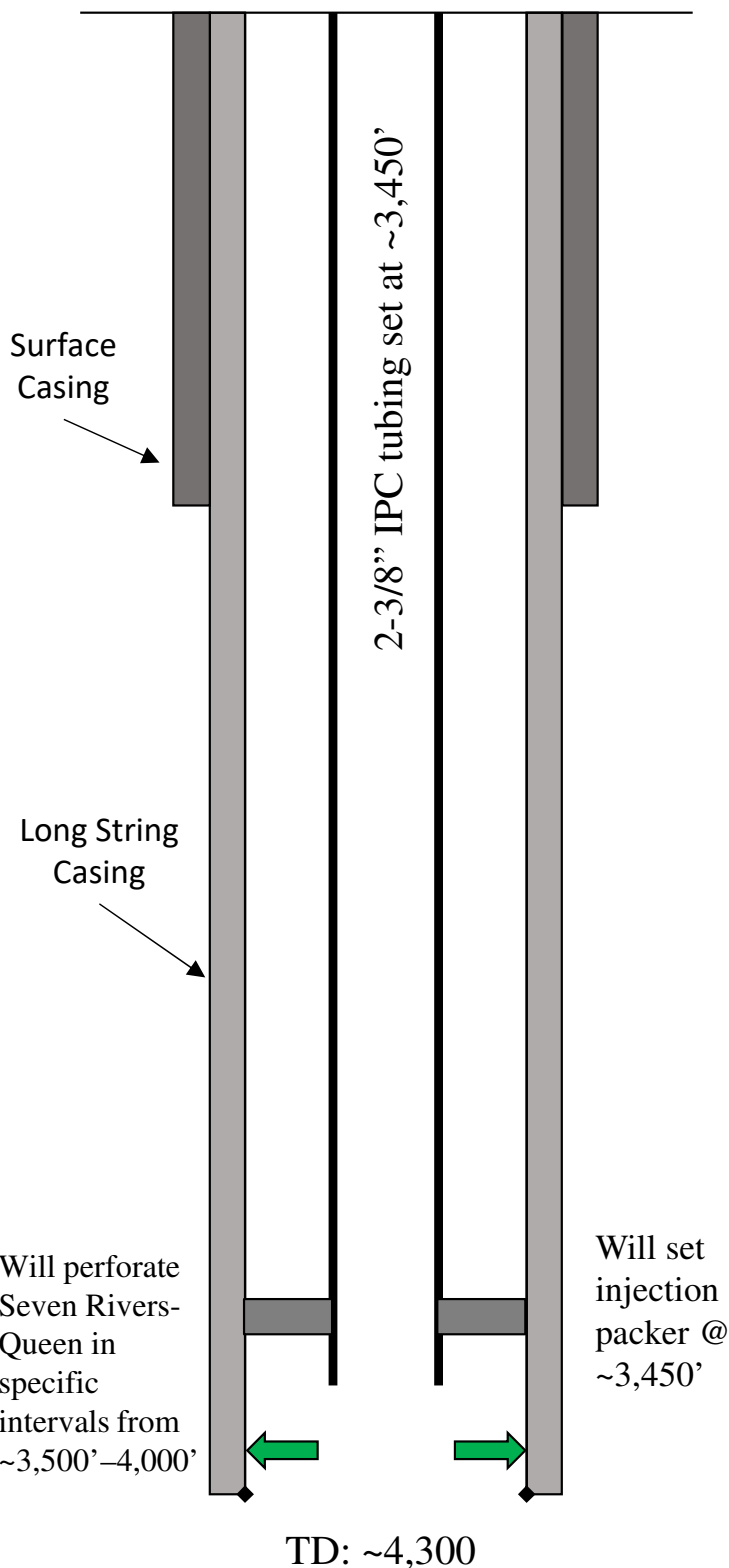
INJECTION WELL DATA SHEET

OPERATOR: FAE II Operating LLC

WELL NAME & NUMBER: STATE A A/C 2 #100

WELL LOCATION: 10 FSL 2595 FEL O 5 22S 36E
 FOOTAGE LOCATION UNIT LETTER SECTION TOWNSHIP RANGE

WELLBORE SCHEMATIC



WELL CONSTRUCTION DATA

Surface Casing

Hole Size:	<u>8-3/4"</u>
Casing Size:	<u>7"</u>
Depth Set:	<u>1450'</u>
Top of Cement:	<u>surface</u>
Cement with	<u>330 sx</u>
Method Determined:	<u>circ.</u>

Long String Casing

Hole Size:	<u>6-1/4"</u>
Casing Size:	<u>4-1/2"</u>
Depth Set:	<u>4,300'</u>
Top of Cement:	<u>surface</u>
Cement with	<u>700 sx</u>
Method Determined:	<u>circ.</u>

Injection Interval

Seven Rivers-Queen Inj. Zone
~3,500' to 4,000'
 Zone will be Perforated

Tubing

Tubing Size:	<u>2-3/8"</u>
Lining Material:	<u>IPC</u>
Type of Packer:	<u>AS1-X</u>
Packer Depth Set:	<u>3,450'</u>

Additional Data

1. New well drilled for injection.
2. Injection Formation: Seven Rivers-Queen
3. Field: EUNICE SOUTH
4. Well has NOT been perforated before.
5. Underlying Oil Zone: Grayburg Formation
 - Depth of Underlying Zone: +4,050'

III. Well Data (6 of 14)

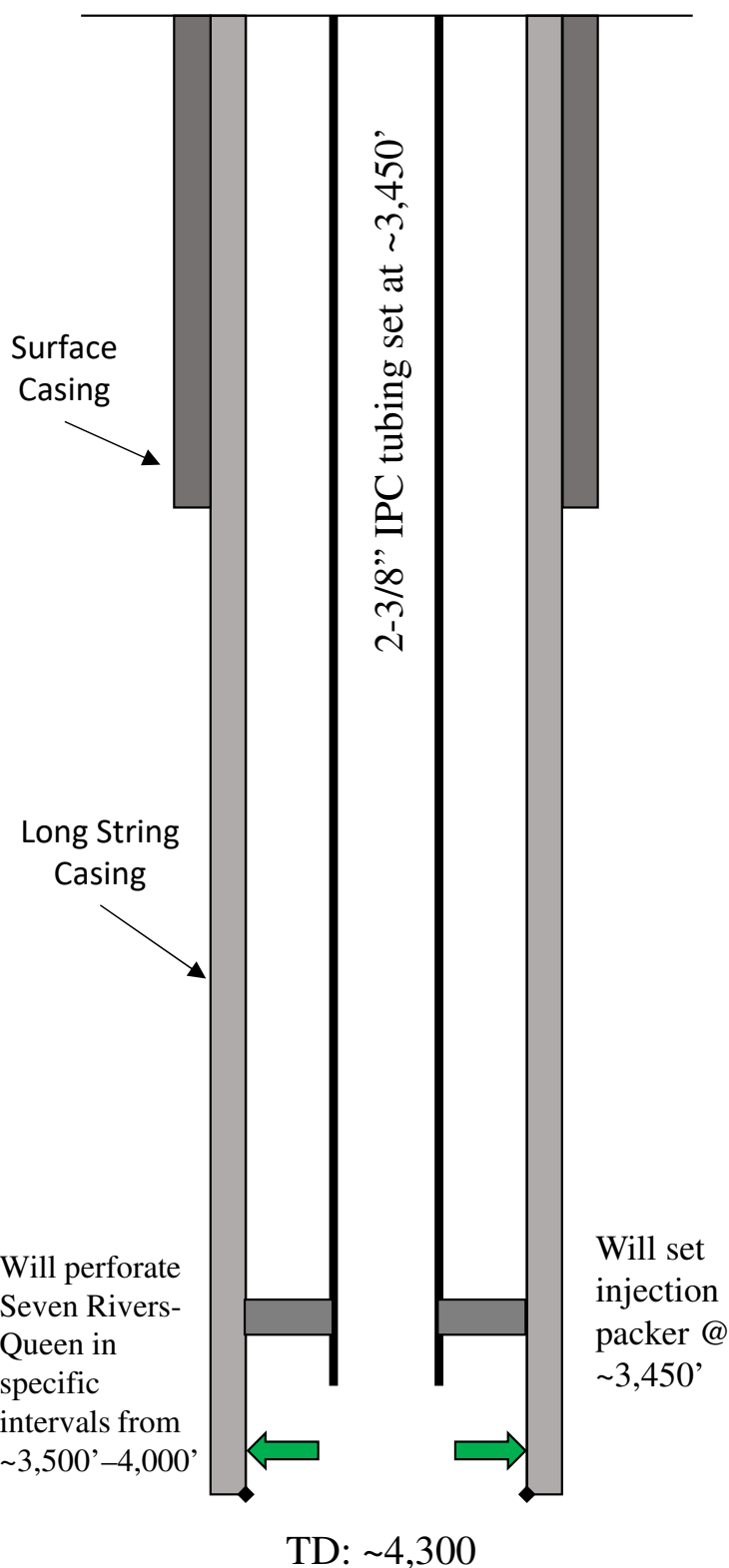
INJECTION WELL DATA SHEET

OPERATOR: FAE II Operating LLC

WELL NAME & NUMBER: STATE A A/C 2 #101

WELL LOCATION: 10 FSL 1284 FEL P 5 22S 36E
 FOOTAGE LOCATION UNIT LETTER SECTION TOWNSHIP RANGE

WELLBORE SCHEMATIC



WELL CONSTRUCTION DATA

Surface Casing

Hole Size:	<u>8-3/4"</u>
Casing Size:	<u>7"</u>
Depth Set:	<u>1450'</u>
Top of Cement:	<u>surface</u>
Cement with	<u>330 sx</u>
Method Determined:	<u>circ.</u>

Long String Casing

Hole Size:	<u>6-1/4"</u>
Casing Size:	<u>4-1/2"</u>
Depth Set:	<u>4,300'</u>
Top of Cement:	<u>surface</u>
Cement with	<u>700 sx</u>
Method Determined:	<u>circ.</u>

Injection Interval

Seven Rivers-Queen Inj. Zone
~3,500' to 4,000'
 Zone will be Perforated

Tubing

Tubing Size:	<u>2-3/8"</u>
Lining Material:	<u>IPC</u>
Type of Packer:	<u>AS1-X</u>
Packer Depth Set:	<u>3,450'</u>

Additional Data

1. New well drilled for injection.
2. Injection Formation: Seven Rivers-Queen
3. Field: EUNICE SOUTH
4. Well has NOT been perforated before.
5. Underlying Oil Zone: Grayburg Formation
 - Depth of Underlying Zone: +4,000'

III. Well Data (7 of 14)

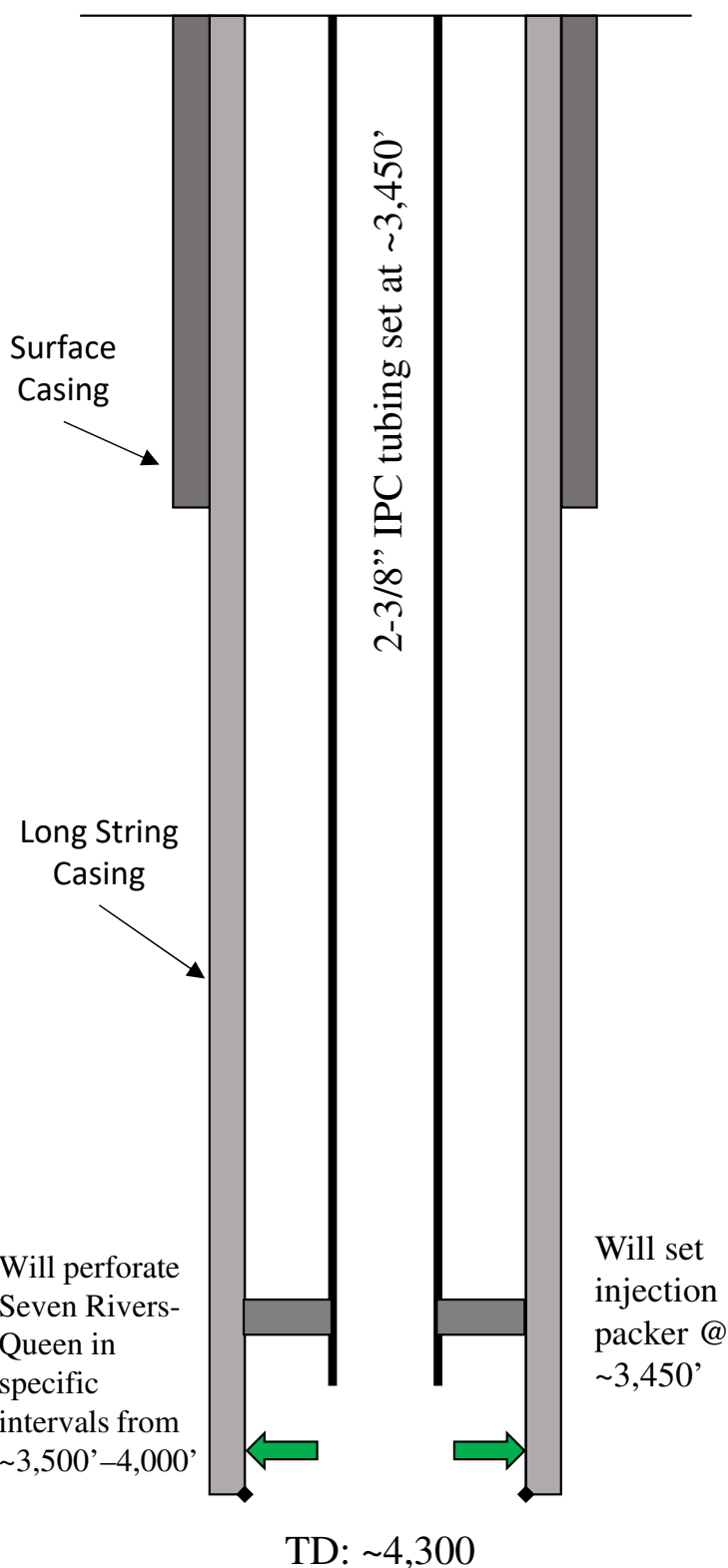
INJECTION WELL DATA SHEET

OPERATOR: FAE II Operating LLC

WELL NAME & NUMBER: STATE A A/C 2 #102

WELL LOCATION: 1282 FNL 2610 FEL B 5 22S 36E
 FOOTAGE LOCATION UNIT LETTER SECTION TOWNSHIP RANGE

WELLBORE SCHEMATIC



WELL CONSTRUCTION DATA

Surface Casing

Hole Size:	<u>8-3/4"</u>
Casing Size:	<u>7"</u>
Depth Set:	<u>1450'</u>
Top of Cement:	<u>surface</u>
Cement with	<u>330 sx</u>
Method Determined:	<u>circ.</u>

Long String Casing

Hole Size:	<u>6-1/4"</u>
Casing Size:	<u>4-1/2"</u>
Depth Set:	<u>4,300'</u>
Top of Cement:	<u>surface</u>
Cement with	<u>700 sx</u>
Method Determined:	<u>circ.</u>

Injection Interval

Seven Rivers-Queen Inj. Zone
~3,500' to 4,000'
 Zone will be Perforated

Tubing

Tubing Size:	<u>2-3/8"</u>
Lining Material:	<u>IPC</u>
Type of Packer:	<u>AS1-X</u>
Packer Depth Set:	<u>3,450'</u>

Additional Data

1. New well drilled for injection.
2. Injection Formation: Seven Rivers-Queen
3. Field: EUNICE SOUTH
4. Well has NOT been perforated before.
5. Underlying Oil Zone: Grayburg Formation
 - Depth of Underlying Zone: +4,050'

III. Well Data (8 of 14)

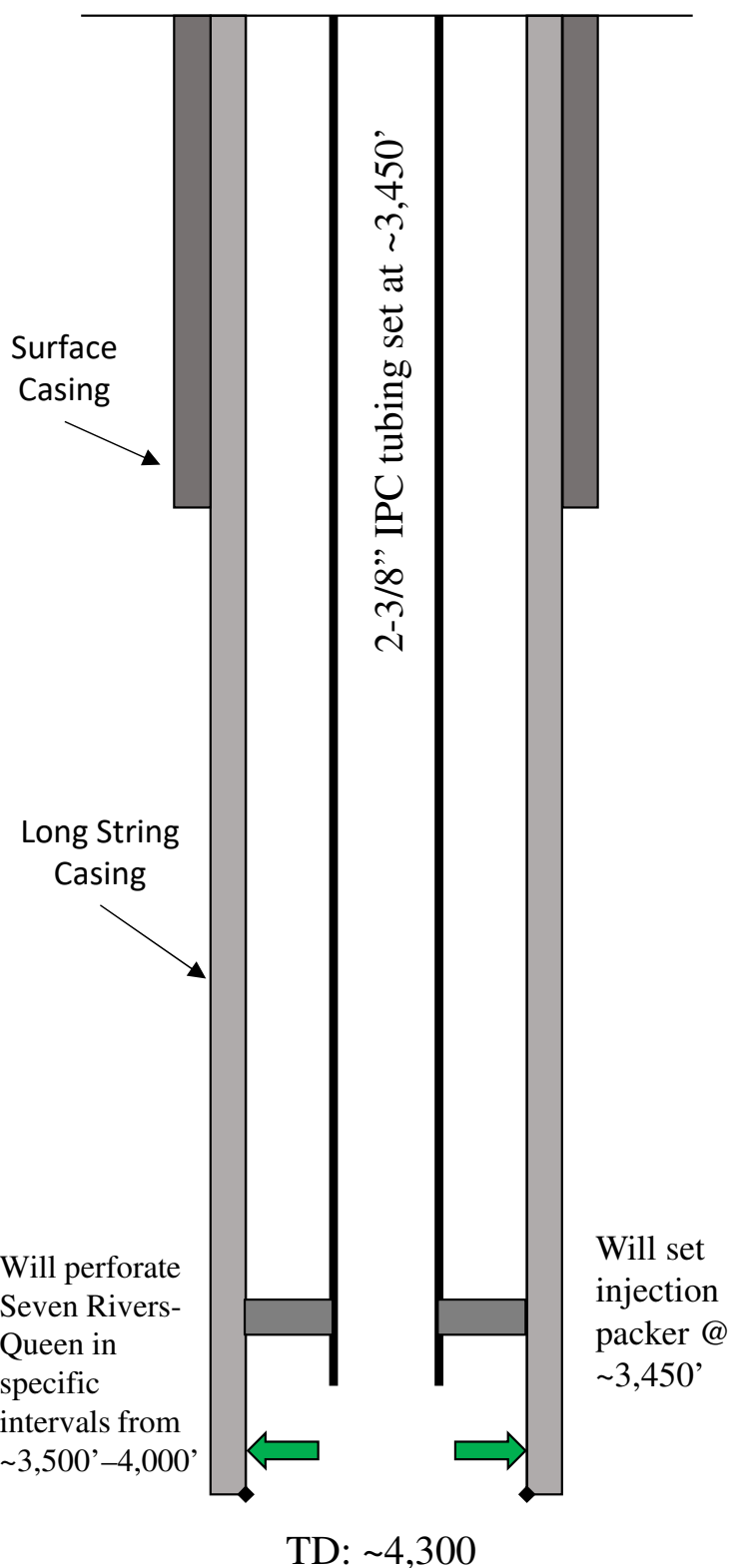
INJECTION WELL DATA SHEET

OPERATOR: FAE II Operating LLC

WELL NAME & NUMBER: STATE A A/C 2 #103

WELL LOCATION: 1229 FNL 1360 FWL C 8 22S 36E
 FOOTAGE LOCATION UNIT LETTER SECTION TOWNSHIP RANGE

WELLBORE SCHEMATIC



WELL CONSTRUCTION DATA

Surface Casing

Hole Size:	<u>8-3/4"</u>
Casing Size:	<u>7"</u>
Depth Set:	<u>1450'</u>
Top of Cement:	<u>surface</u>
Cement with	<u>330 sx</u>
Method Determined:	<u>circ.</u>

Long String Casing

Hole Size:	<u>6-1/4"</u>
Casing Size:	<u>4-1/2"</u>
Depth Set:	<u>4,300'</u>
Top of Cement:	<u>surface</u>
Cement with	<u>700 sx</u>
Method Determined:	<u>circ.</u>

Injection Interval

Seven Rivers-Queen Inj. Zone
~3,500' to 4,000'
 Zone will be Perforated

Tubing

Tubing Size:	<u>2-3/8"</u>
Lining Material:	<u>IPC</u>
Type of Packer:	<u>AS1-X</u>
Packer Depth Set:	<u>3,450'</u>

Additional Data

1. New well drilled for injection.
2. Injection Formation: Seven Rivers-Queen
3. Field: EUNICE SOUTH
4. Well has NOT been perforated before.
5. Underlying Oil Zone: Grayburg Formation
 - Depth of Underlying Zone: +4,100'

III. Well Data (9 of 14)

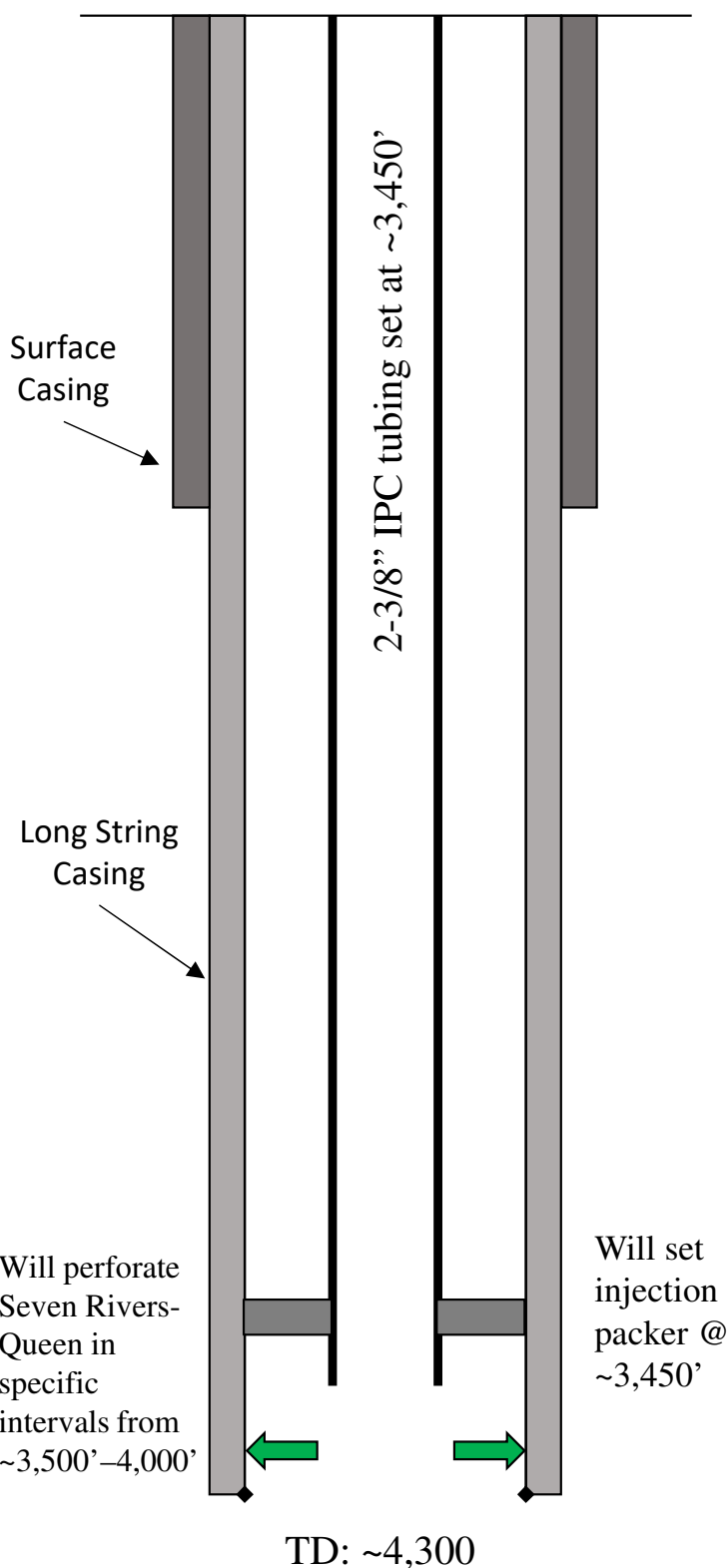
INJECTION WELL DATA SHEET

OPERATOR: FAE II Operating LLC

WELL NAME & NUMBER: STATE A A/C 2 #104

WELL LOCATION: 2642 FNL 1353 FWL F 5 22S 36E
 FOOTAGE LOCATION UNIT LETTER SECTION TOWNSHIP RANGE

WELLBORE SCHEMATIC



WELL CONSTRUCTION DATA

Surface Casing

Hole Size:	<u>8-3/4"</u>
Casing Size:	<u>7"</u>
Depth Set:	<u>1500'</u>
Top of Cement:	<u>surface</u>
Cement with	<u>350 sx</u>
Method Determined:	<u>circ.</u>

Long String Casing

Hole Size:	<u>6-1/4"</u>
Casing Size:	<u>4-1/2"</u>
Depth Set:	<u>4,300'</u>
Top of Cement:	<u>surface</u>
Cement with	<u>700 sx</u>
Method Determined:	<u>circ.</u>

Injection Interval

Seven Rivers-Queen Inj. Zone
~3,500' to 4,000'
 Zone will be Perforated

Tubing

Tubing Size:	<u>2-3/8"</u>
Lining Material:	<u>IPC</u>
Type of Packer:	<u>AS1-X</u>
Packer Depth Set:	<u>3,450'</u>

Additional Data

1. New well drilled for injection.
2. Injection Formation: Seven Rivers-Queen
3. Field: EUNICE SOUTH
4. Well has NOT been perforated before.
5. Underlying Oil Zone: Grayburg Formation
 - Depth of Underlying Zone: +4,100'

III. Well Data (10 of 14)

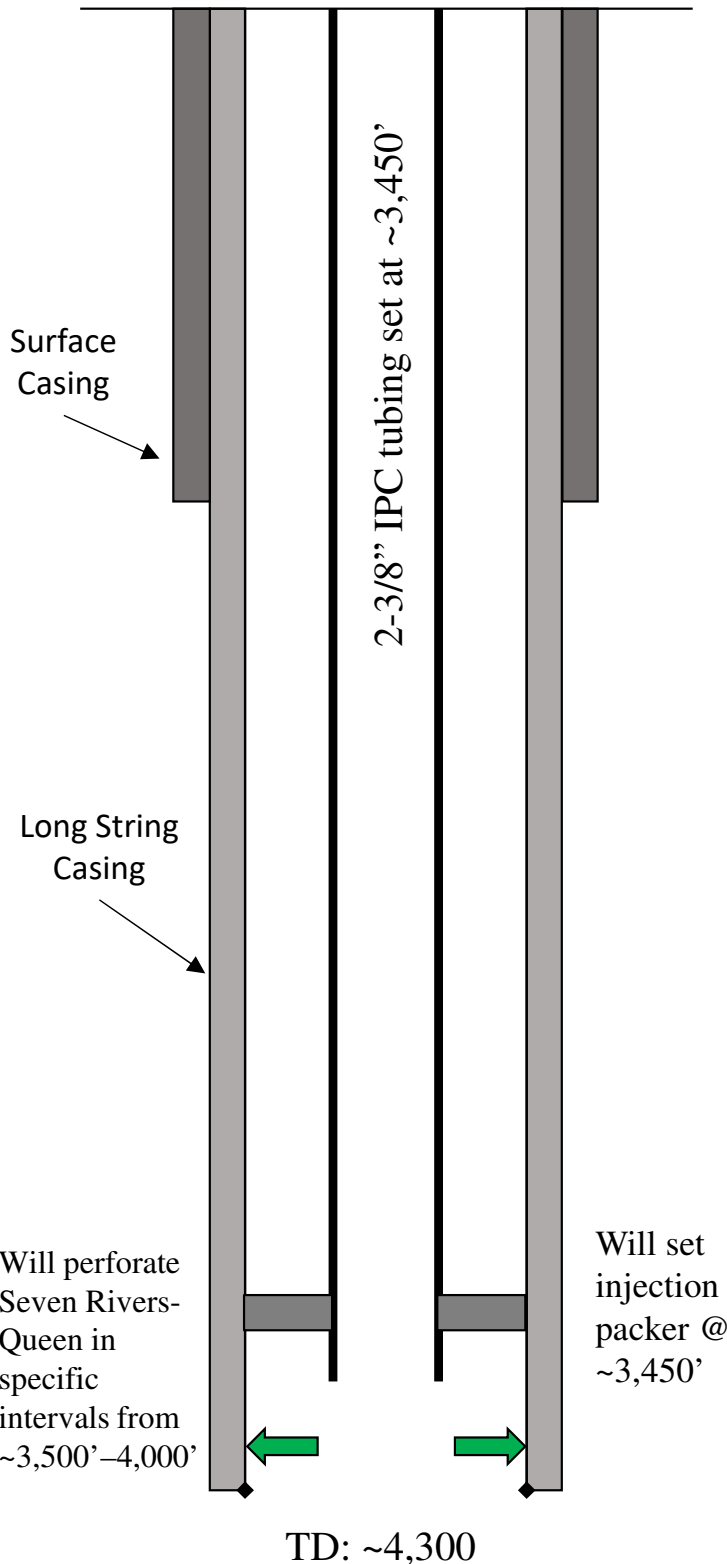
INJECTION WELL DATA SHEET

OPERATOR: F&E II Operating LLC

WELL NAME & NUMBER: STATE A A/C 2 #105

WELL LOCATION: 1310 FNL 1346 FWL C 5 22S 36E
 FOOTAGE LOCATION UNIT LETTER SECTION TOWNSHIP RANGE

WELLBORE SCHEMATIC



WELL CONSTRUCTION DATA

Surface Casing

Hole Size:	<u>8-3/4"</u>
Casing Size:	<u>7"</u>
Depth Set:	<u>1500'</u>
Top of Cement:	<u>surface</u>
Cement with	<u>350 sx</u>
Method Determined:	<u>circ.</u>

Long String Casing

Hole Size:	<u>6-1/4"</u>
Casing Size:	<u>4-1/2"</u>
Depth Set:	<u>4,300'</u>
Top of Cement:	<u>surface</u>
Cement with	<u>700 sx</u>
Method Determined:	<u>circ.</u>

Injection Interval

Seven Rivers-Queen Inj. Zone
~3,500' to 4,000'
 Zone will be Perforated

Tubing

Tubing Size:	<u>2-3/8"</u>
Lining Material:	<u>IPC</u>
Type of Packer:	<u>AS1-X</u>
Packer Depth Set:	<u>3,450'</u>

Additional Data

1. New well drilled for injection.
2. Injection Formation: Seven Rivers-Queen
3. Field: EUNICE SOUTH
4. Well has NOT been perforated before.
5. Underlying Oil Zone: Grayburg Formation
 - Depth of Underlying Zone: +4,100'

III. Well Data (11 of 14)

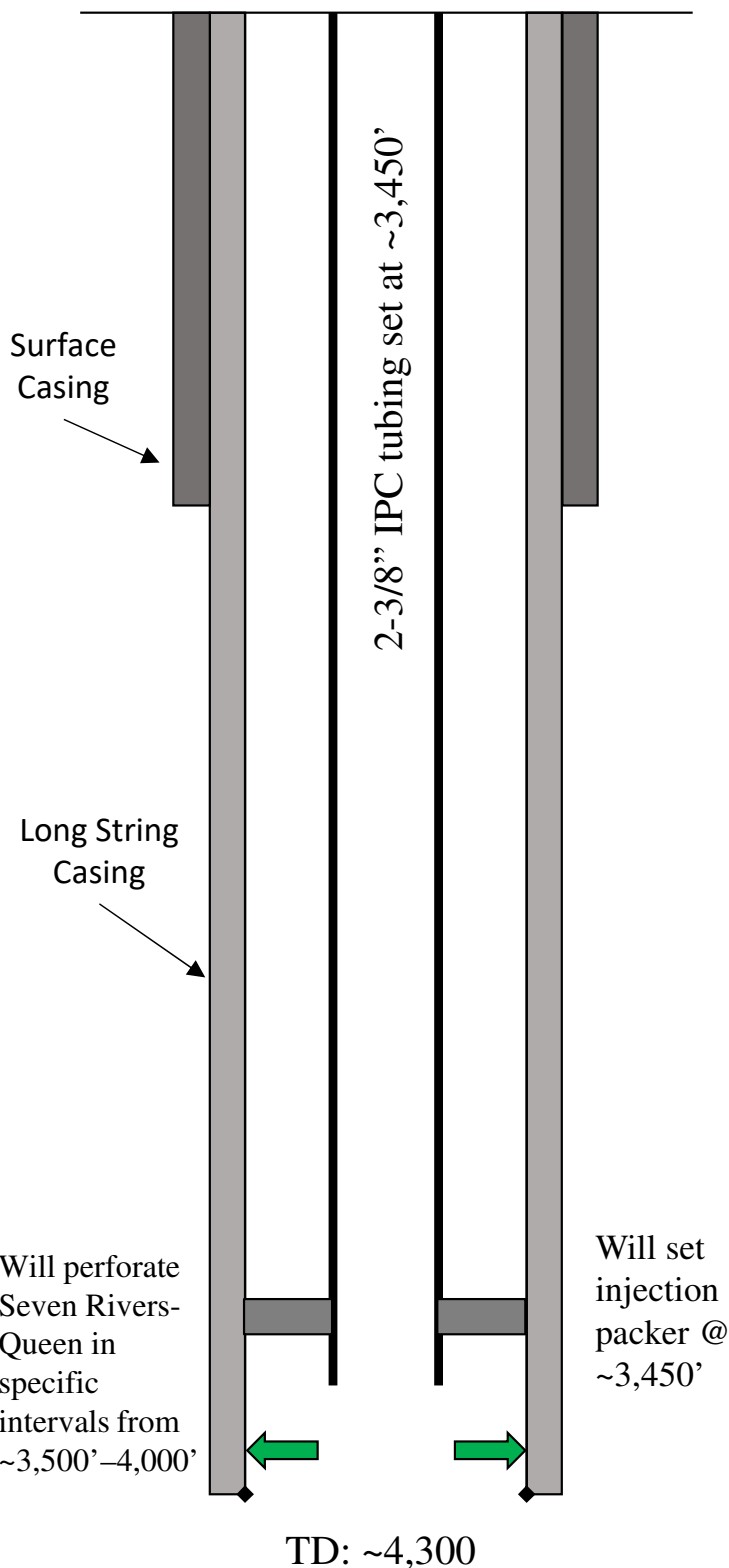
INJECTION WELL DATA SHEET

OPERATOR: FAE II Operating LLC

WELL NAME & NUMBER: STATE A A/C 2 #106

WELL LOCATION: 2616 FSL 1270 FWL L 8 22S 36E
 FOOTAGE LOCATION UNIT LETTER SECTION TOWNSHIP RANGE

WELLBORE SCHEMATIC



WELL CONSTRUCTION DATA

Surface Casing

Hole Size:	<u>8-3/4"</u>
Casing Size:	<u>7"</u>
Depth Set:	<u>1450'</u>
Top of Cement:	<u>surface</u>
Cement with	<u>330 sx</u>
Method Determined:	<u>circ.</u>

Long String Casing

Hole Size:	<u>6-1/4"</u>
Casing Size:	<u>4-1/2"</u>
Depth Set:	<u>4,300'</u>
Top of Cement:	<u>surface</u>
Cement with	<u>700 sx</u>
Method Determined:	<u>circ.</u>

Injection Interval

Seven Rivers-Queen Inj. Zone
~3,500' to 4,000'
 Zone will be Perforated

Tubing

Tubing Size:	<u>2-3/8"</u>
Lining Material:	<u>IPC</u>
Type of Packer:	<u>AS1-X</u>
Packer Depth Set:	<u>3,450'</u>

Additional Data

1. New well drilled for injection.
2. Injection Formation: Seven Rivers-Queen
3. Field: EUNICE SOUTH
4. Well has NOT been perforated before.
5. Underlying Oil Zone: Grayburg Formation
 - Depth of Underlying Zone: +4,100'

III. Well Data (12 of 14)

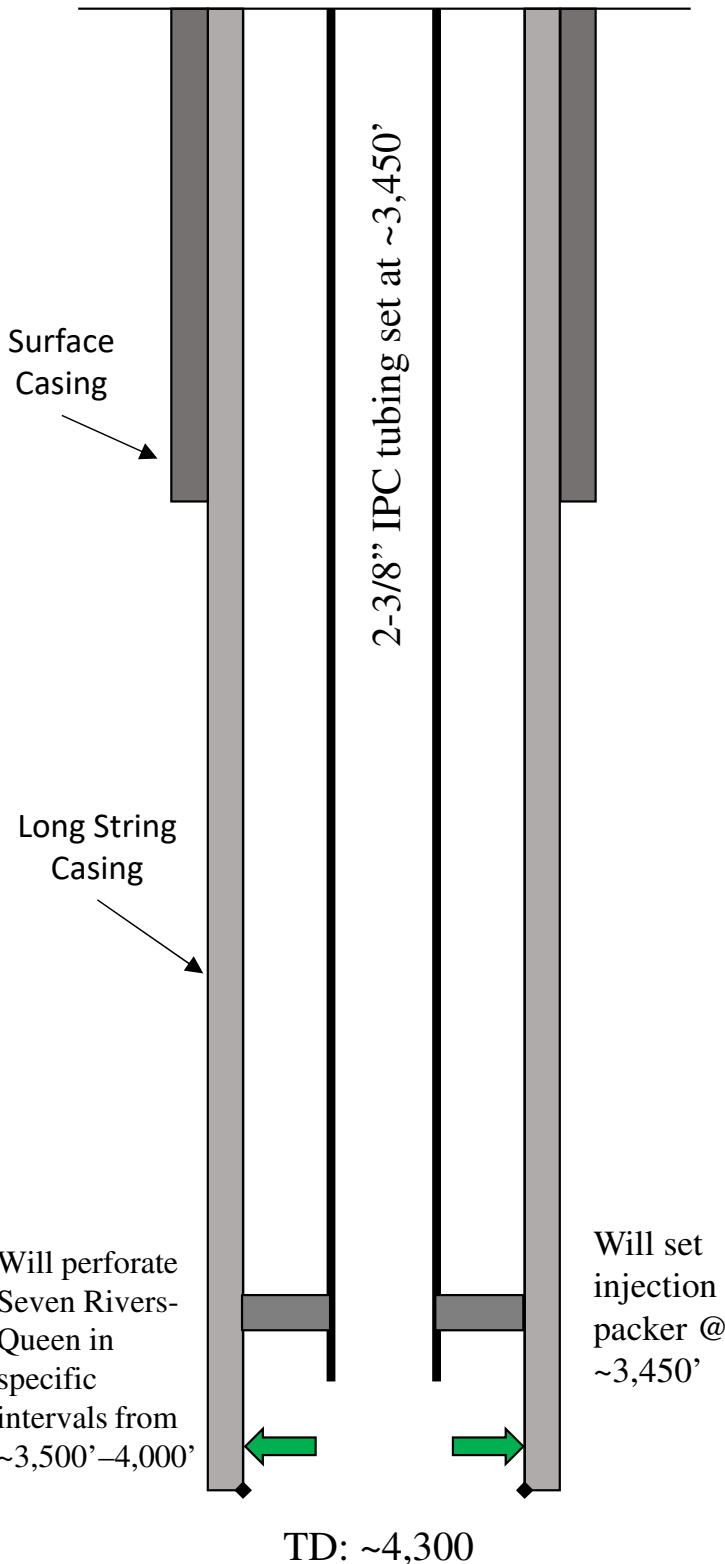
INJECTION WELL DATA SHEET

OPERATOR: FAE II Operating LLC

WELL NAME & NUMBER: STATE A A/C 2 #107

WELL LOCATION: 2631 FNL 2616 FEL G 8 22S 36E
 FOOTAGE LOCATION UNIT LETTER SECTION TOWNSHIP RANGE

WELLBORE SCHEMATIC



WELL CONSTRUCTION DATA

Surface Casing

Hole Size:	<u>8-3/4"</u>
Casing Size:	<u>7"</u>
Depth Set:	<u>1450'</u>
Top of Cement:	<u>surface</u>
Cement with	<u>330 sx</u>
Method Determined:	<u>circ.</u>

Long String Casing

Hole Size:	<u>6-1/4"</u>
Casing Size:	<u>4-1/2"</u>
Depth Set:	<u>4,300'</u>
Top of Cement:	<u>surface</u>
Cement with	<u>700 sx</u>
Method Determined:	<u>circ.</u>

Injection Interval

Seven Rivers-Queen Inj. Zone
~3,500' to 4,000'
 Zone will be Perforated

Tubing

Tubing Size:	<u>2-3/8"</u>
Lining Material:	<u>IPC</u>
Type of Packer:	<u>AS1-X</u>
Packer Depth Set:	<u>3,450'</u>

Additional Data

1. New well drilled for injection.
2. Injection Formation: Seven Rivers-Queen
3. Field: EUNICE SOUTH
4. Well has NOT been perforated before.
5. Underlying Oil Zone: Grayburg Formation
 - Depth of Underlying Zone: +4,100'

III. Well Data (13 of 14)

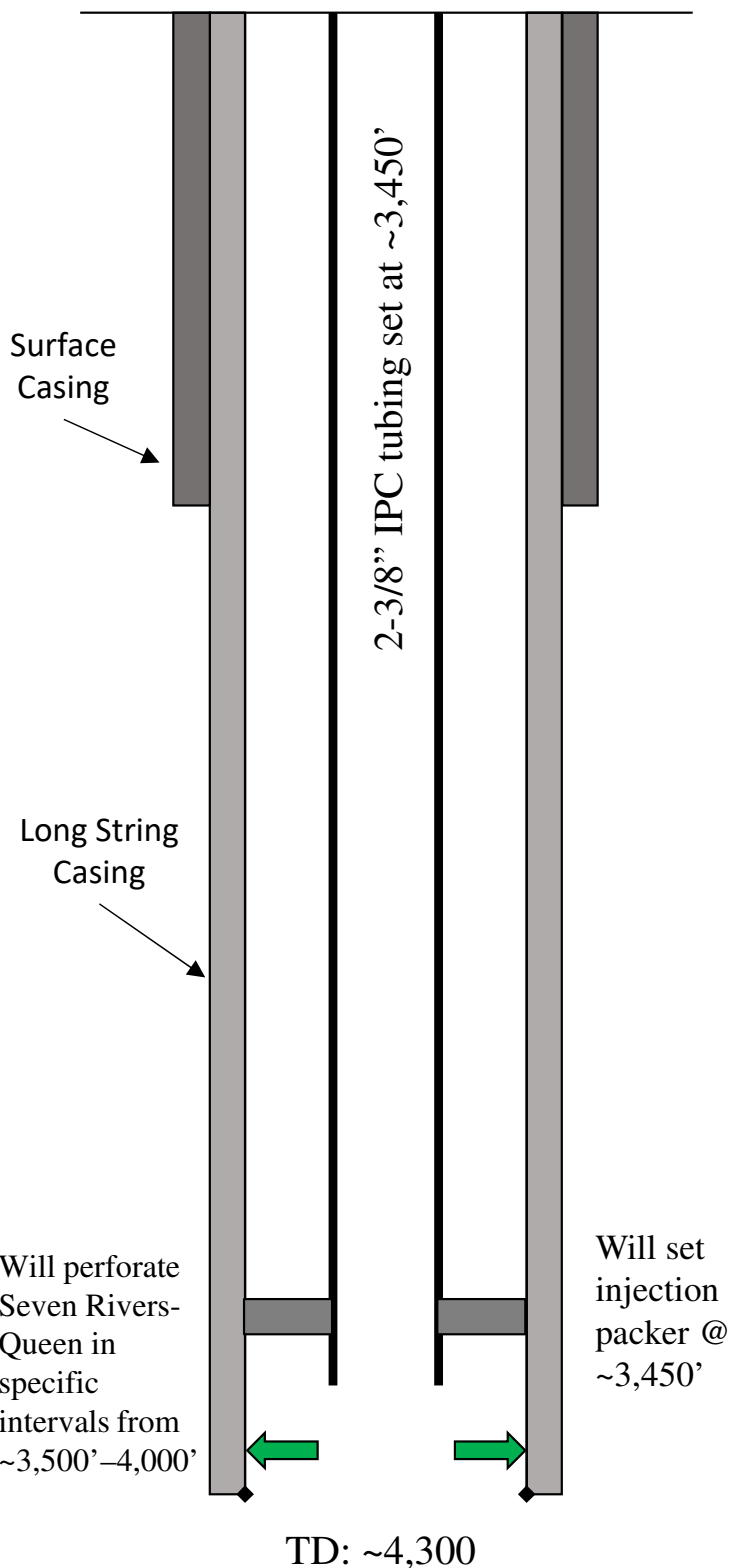
INJECTION WELL DATA SHEET

OPERATOR: FAE II Operating LLC

WELL NAME & NUMBER: STATE A A/C 2 #108

WELL LOCATION: 1383 FSL 2563 FEL J 8 22S 36E
 FOOTAGE LOCATION UNIT LETTER SECTION TOWNSHIP RANGE

WELLBORE SCHEMATIC



WELL CONSTRUCTION DATA

Surface Casing

Hole Size:	<u>8-3/4"</u>
Casing Size:	<u>7"</u>
Depth Set:	<u>1450'</u>
Top of Cement:	<u>surface</u>
Cement with	<u>330 sx</u>
Method Determined:	<u>circ.</u>

Long String Casing

Hole Size:	<u>6-1/4"</u>
Casing Size:	<u>4-1/2"</u>
Depth Set:	<u>4,300'</u>
Top of Cement:	<u>surface</u>
Cement with	<u>700 sx</u>
Method Determined:	<u>circ.</u>

Injection Interval

Seven Rivers-Queen Inj. Zone
~3,500' to 4,000'
 Zone will be Perforated

Tubing

Tubing Size:	<u>2-3/8"</u>
Lining Material:	<u>IPC</u>
Type of Packer:	<u>AS1-X</u>
Packer Depth Set:	<u>3,450'</u>

Additional Data

1. New well drilled for injection.
2. Injection Formation: Seven Rivers-Queen
3. Field: EUNICE SOUTH
4. Well has NOT been perforated before.
5. Underlying Oil Zone: Grayburg Formation
 - Depth of Underlying Zone: +4,100'

III. Well Data (14 of 14)

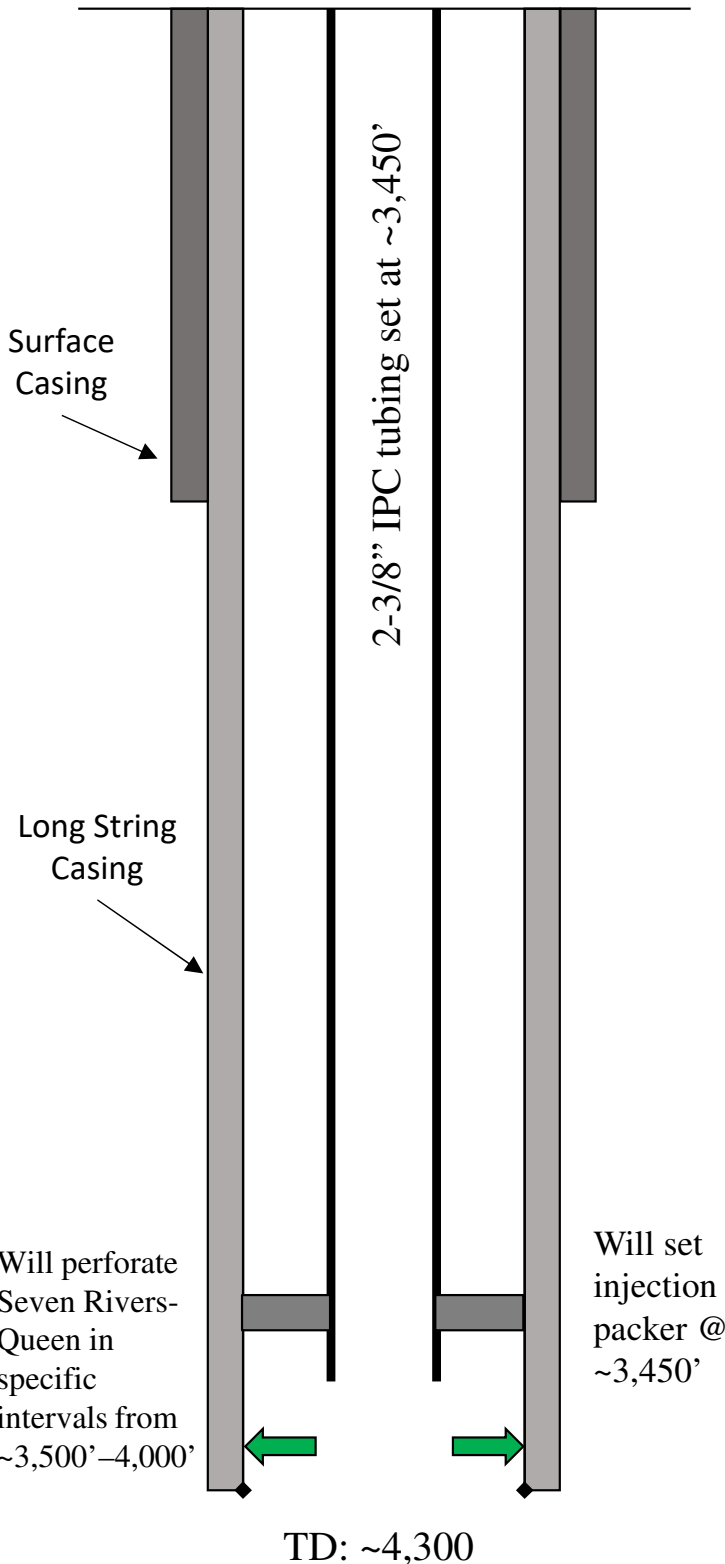
INJECTION WELL DATA SHEET

OPERATOR: FAE II Operating LLC

WELL NAME & NUMBER: STATE A A/C 2 #109

WELL LOCATION: 1231 FSL 1243 FWL M 8 22S 36E
 FOOTAGE LOCATION UNIT LETTER SECTION TOWNSHIP RANGE

WELLBORE SCHEMATIC



WELL CONSTRUCTION DATA

Surface Casing

Hole Size:	<u>8-3/4"</u>
Casing Size:	<u>7"</u>
Depth Set:	<u>1450'</u>
Top of Cement:	<u>surface</u>
Cement with	<u>330 sx</u>
Method Determined:	<u>circ.</u>

Long String Casing

Hole Size:	<u>6-1/4"</u>
Casing Size:	<u>4-1/2"</u>
Depth Set:	<u>4,300'</u>
Top of Cement:	<u>surface</u>
Cement with	<u>700 sx</u>
Method Determined:	<u>circ.</u>

Injection Interval

Seven Rivers-Queen Inj. Zone
~3,500' to 4,000'
 Zone will be Perforated

Tubing

Tubing Size:	<u>2-3/8"</u>
Lining Material:	<u>IPC</u>
Type of Packer:	<u>AS1-X</u>
Packer Depth Set:	<u>3,450'</u>

Additional Data

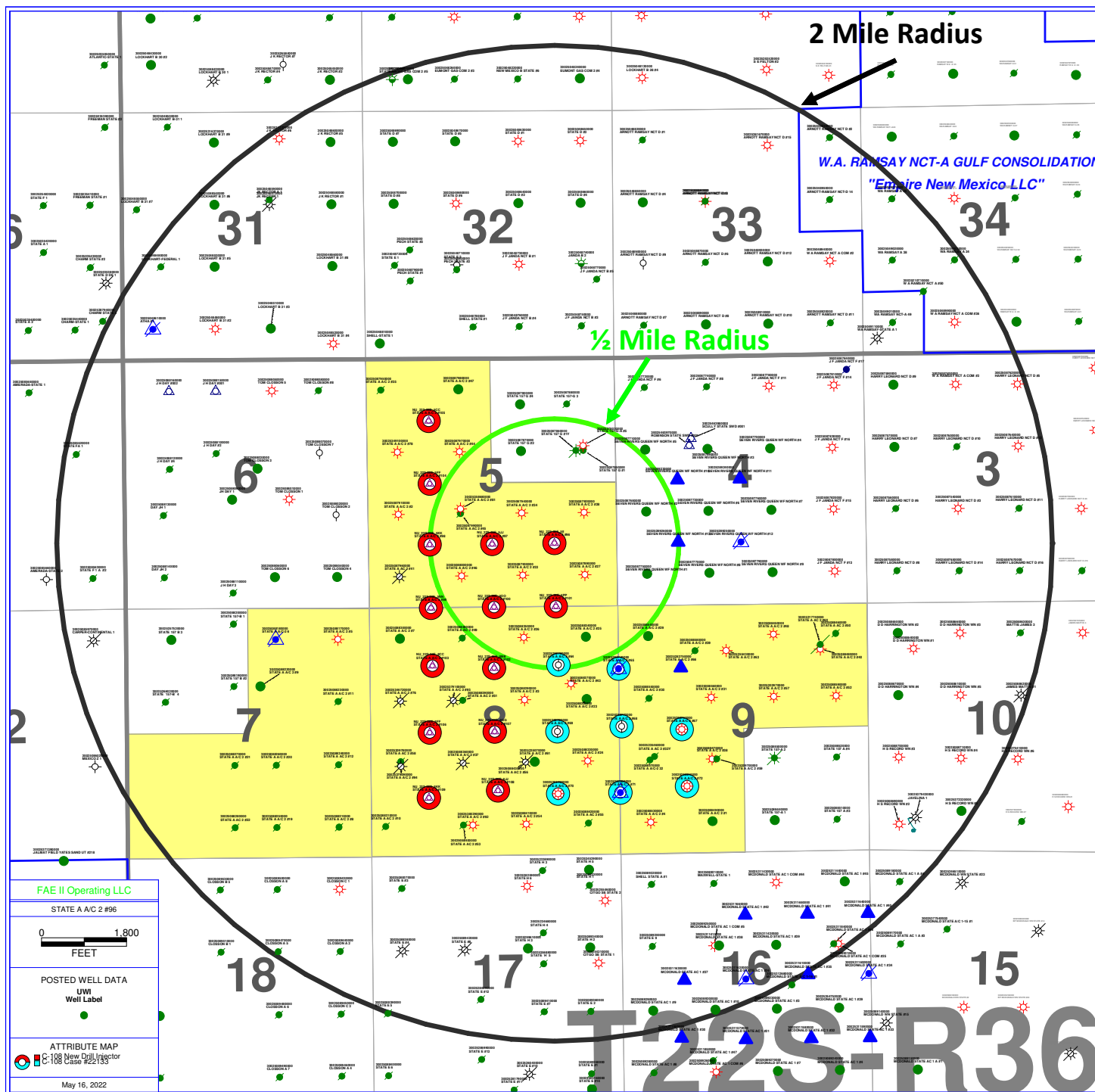
1. New well drilled for injection.
2. Injection Formation: Seven Rivers-Queen
3. Field: EUNICE SOUTH
4. Well has NOT been perforated before.
5. Underlying Oil Zone: Grayburg Formation
 - Depth of Underlying Zone: +4,100'

Part V.

V.

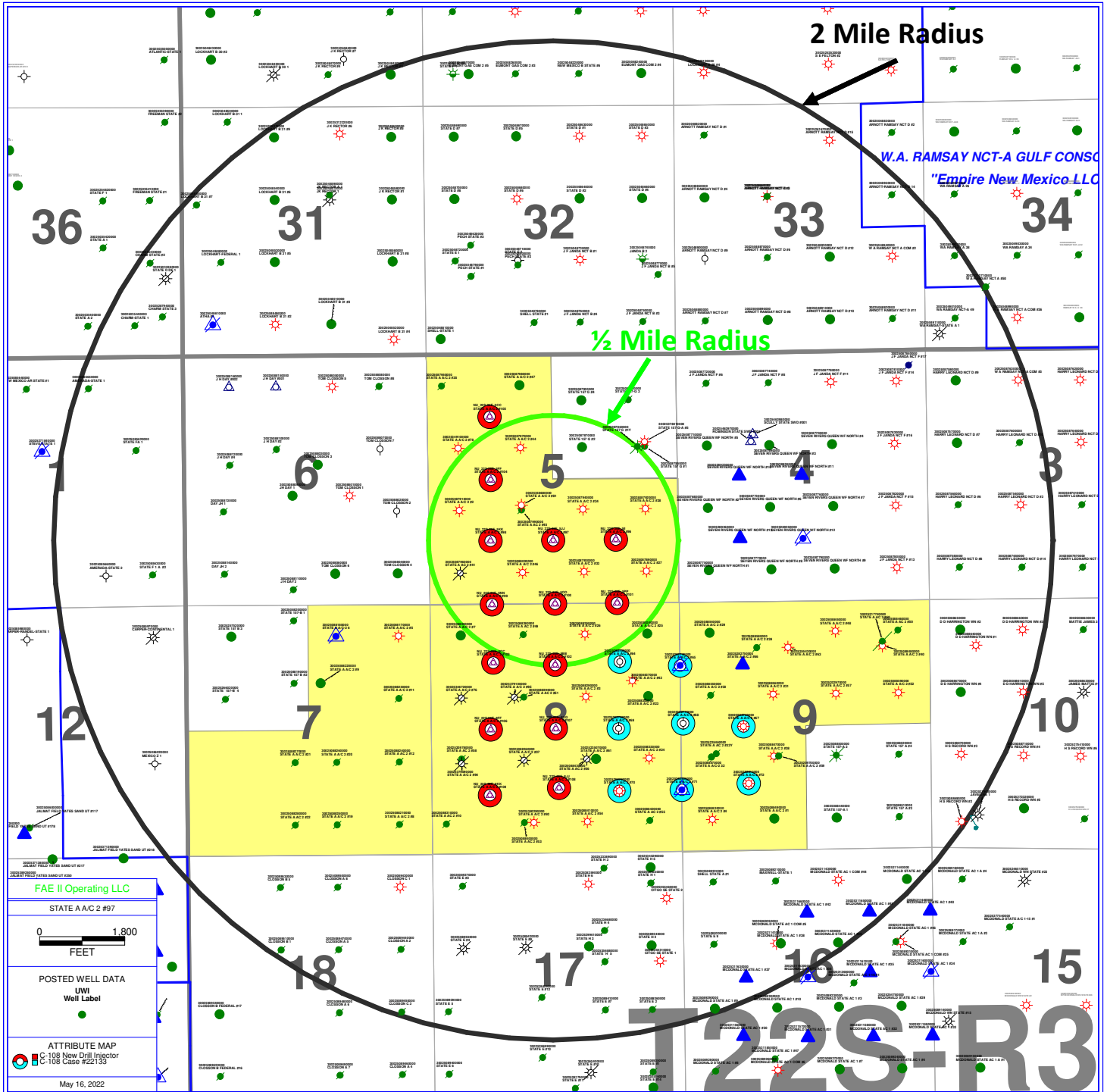
Exhibit A1 shows 21 unique well locations within a ½ mile radius of the proposed new drill injector location, and 260 unique well locations within a 2 mile radius.

STATE A A/C 2 #96



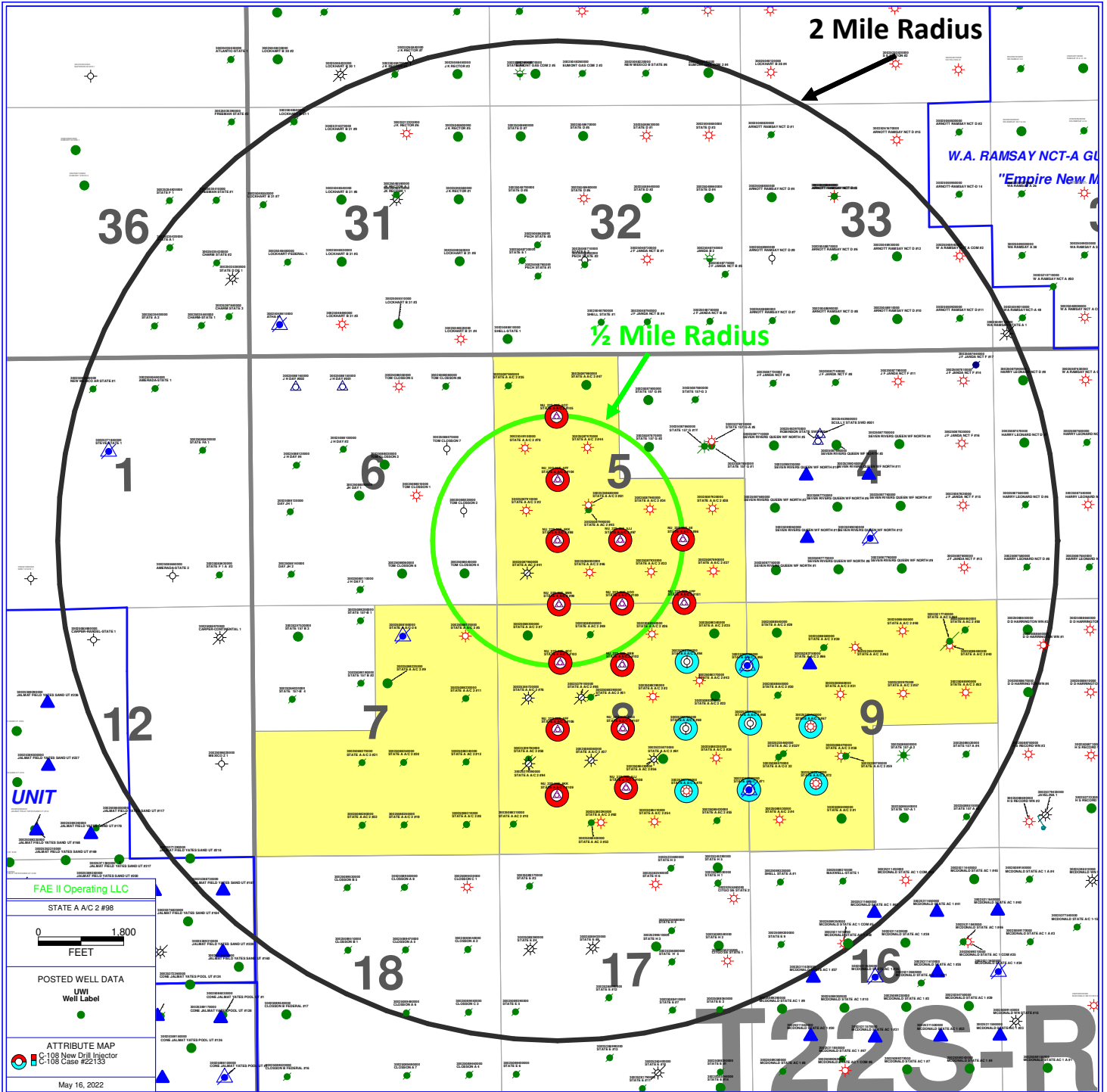
V. Exhibit A2 shows 21 unique well locations within a ½ mile radius of the proposed new drill injector location, and 253 unique well locations within a 2 mile radius.

STATE A A/C 2 #97



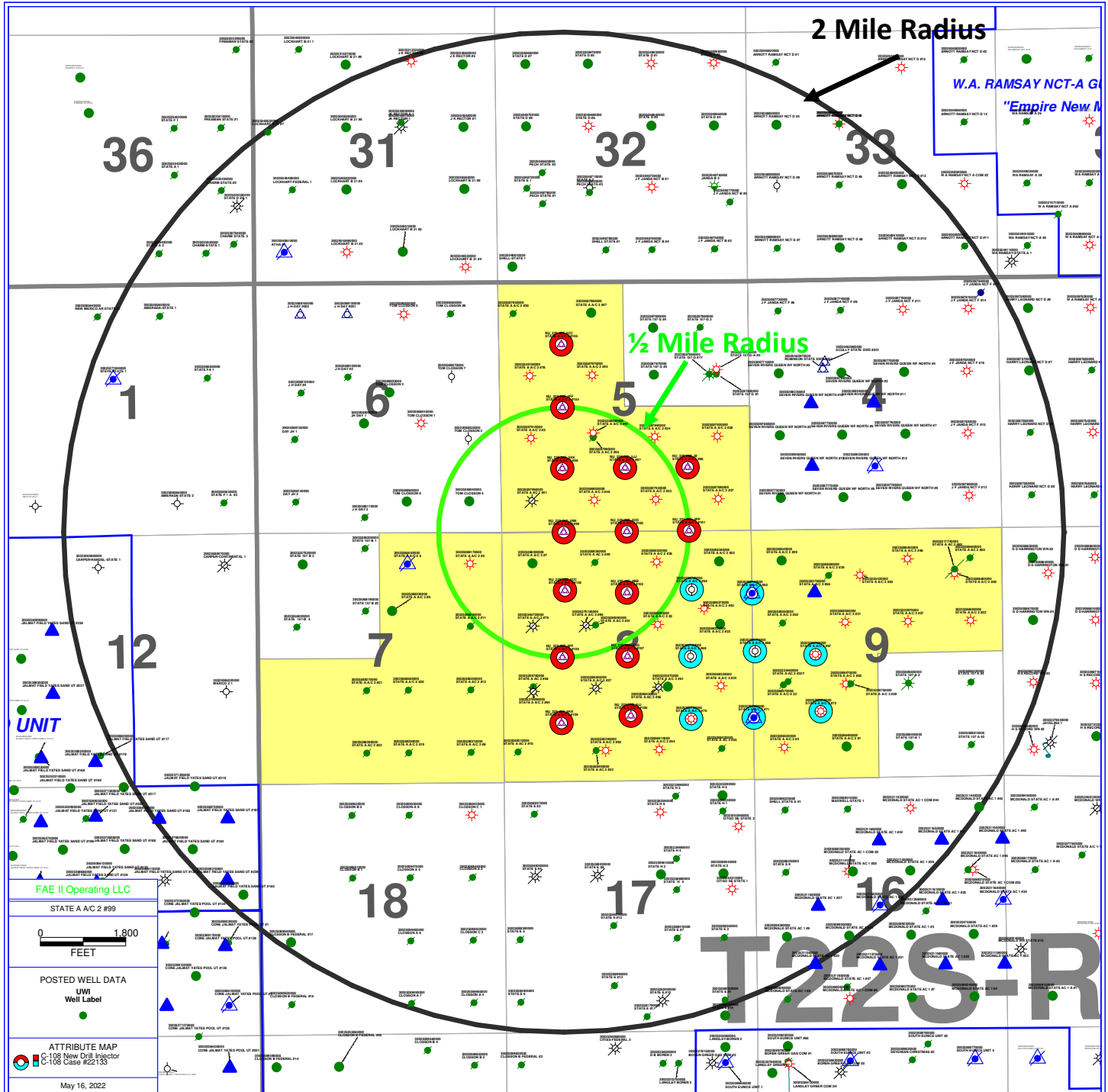
V.
Exhibit A3 shows 20 unique well locations within a ½ mile radius of the proposed new drill injector location, and 246 unique well locations within a 2 mile radius.

STATE A A/C 2 #98



V. Exhibit A4 shows 21 unique well locations within a ½ mile radius of the proposed new drill injector location, and 254 unique well locations within a 2 mile radius.

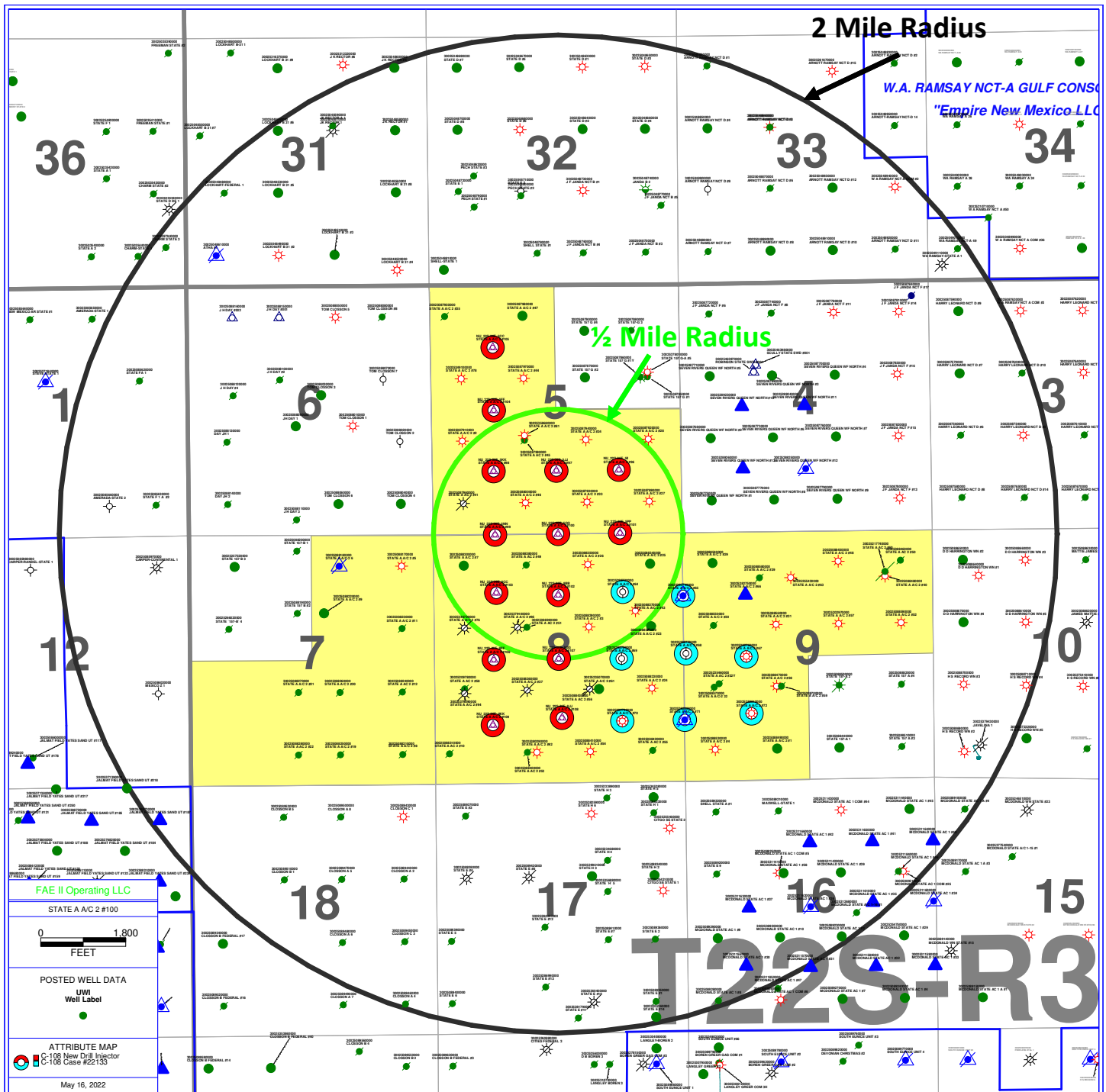
STATE A A/C 2 #99



V.

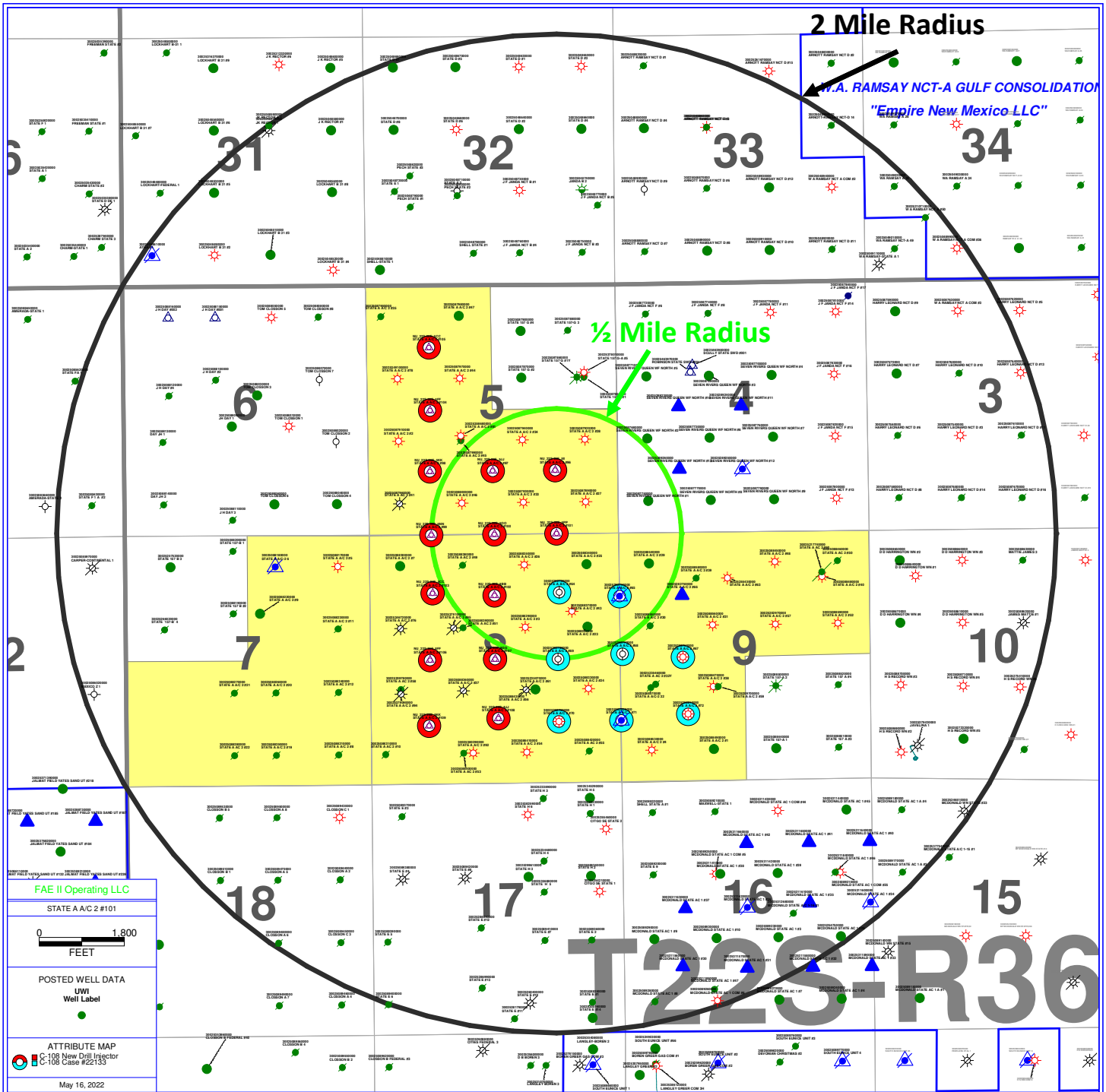
Exhibit A5 shows 24 unique well locations within a ½ mile radius of the proposed new drill injector location, and 261 unique well locations within a 2 mile radius.

STATE A A/C 2 #100



V. Exhibit A6 shows 20 unique well locations within a ½ mile radius of the proposed new drill injector location, and 271 unique well locations within a 2 mile radius.

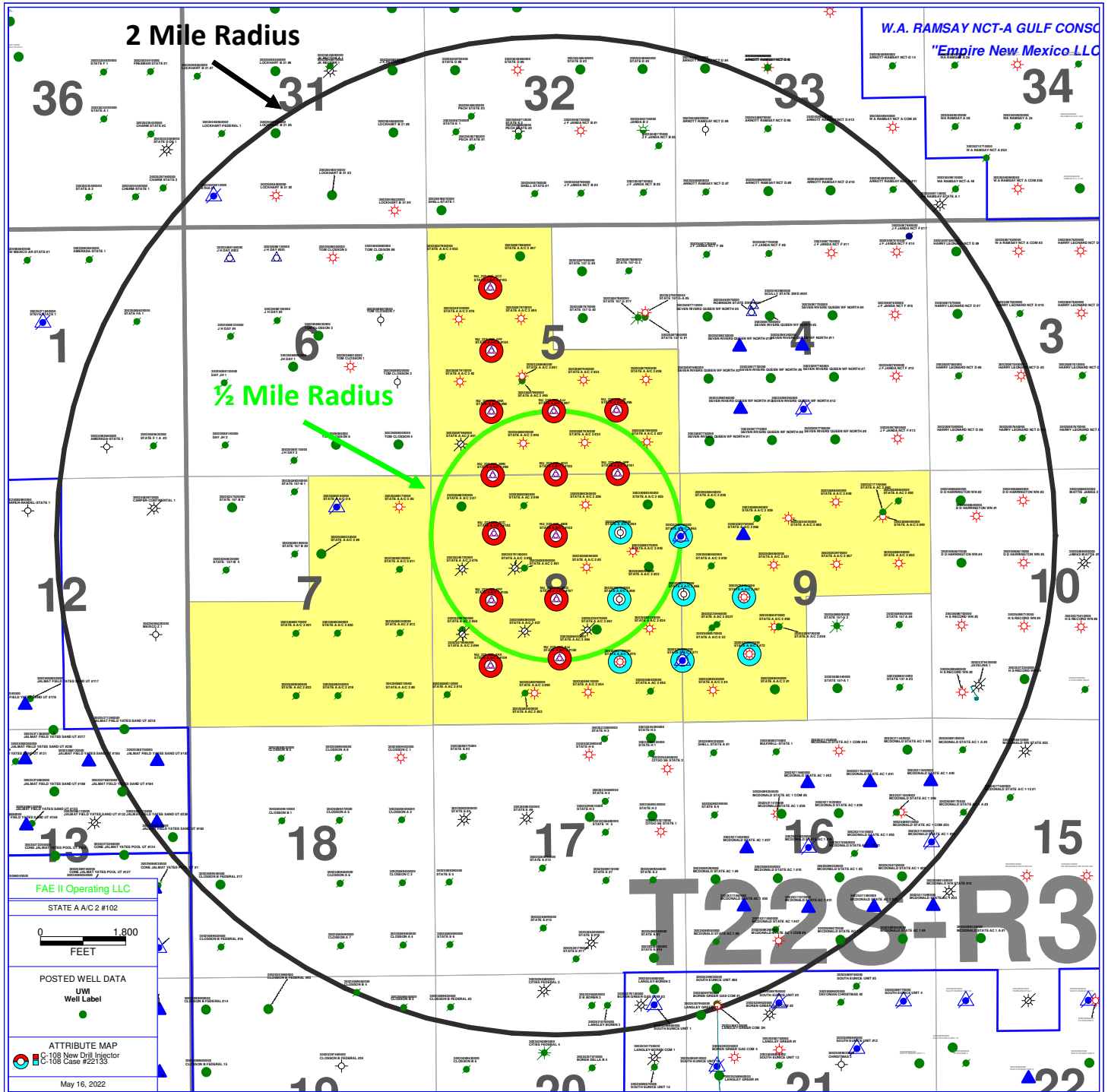
STATE A A/C 2 #101



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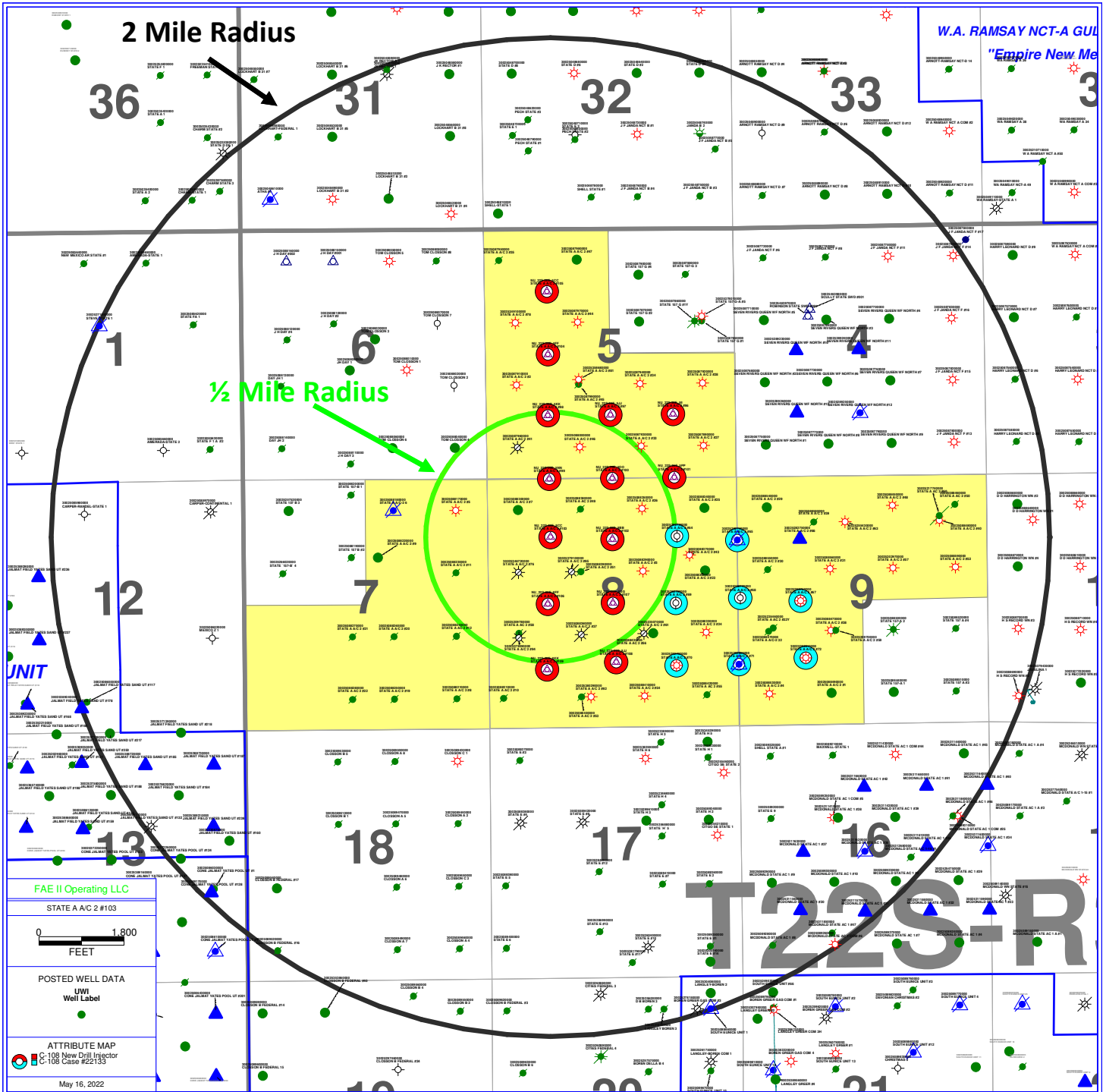
V. Exhibit A7 shows 26 unique well locations within a ½ mile radius of the proposed new drill injector location, and 269 unique well locations within a 2 mile radius.

STATE A A/C 2 #102



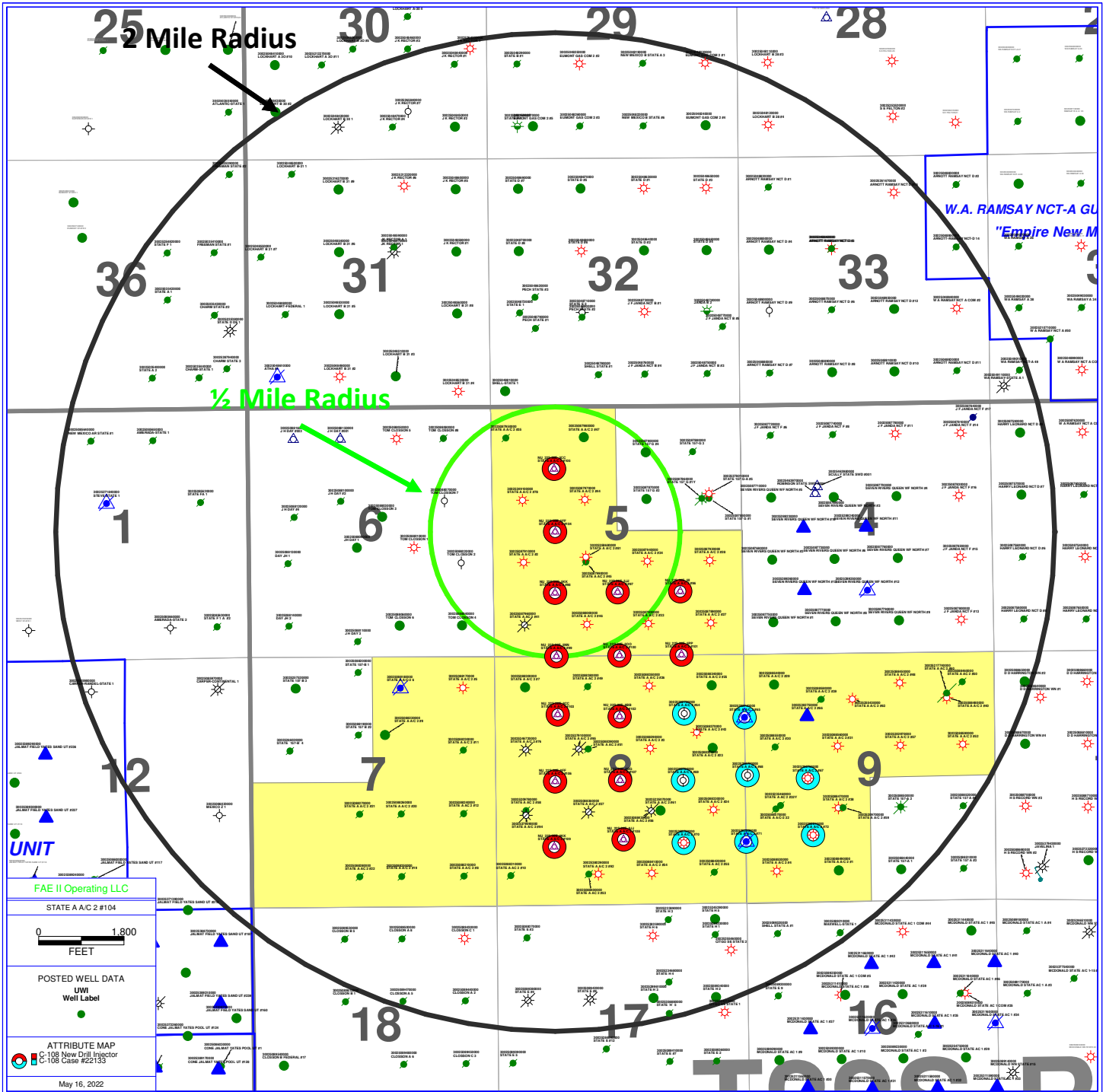
V.
Exhibit A8 shows 21 unique well locations within a ½ mile radius of the proposed new drill injector location, and 265 unique well locations within a 2 mile radius.

STATE A A/C 2 #103



V. Exhibit A9 shows 19 unique well locations within a ½ mile radius of the proposed new drill injector location, and 246 unique well locations within a 2 mile radius.

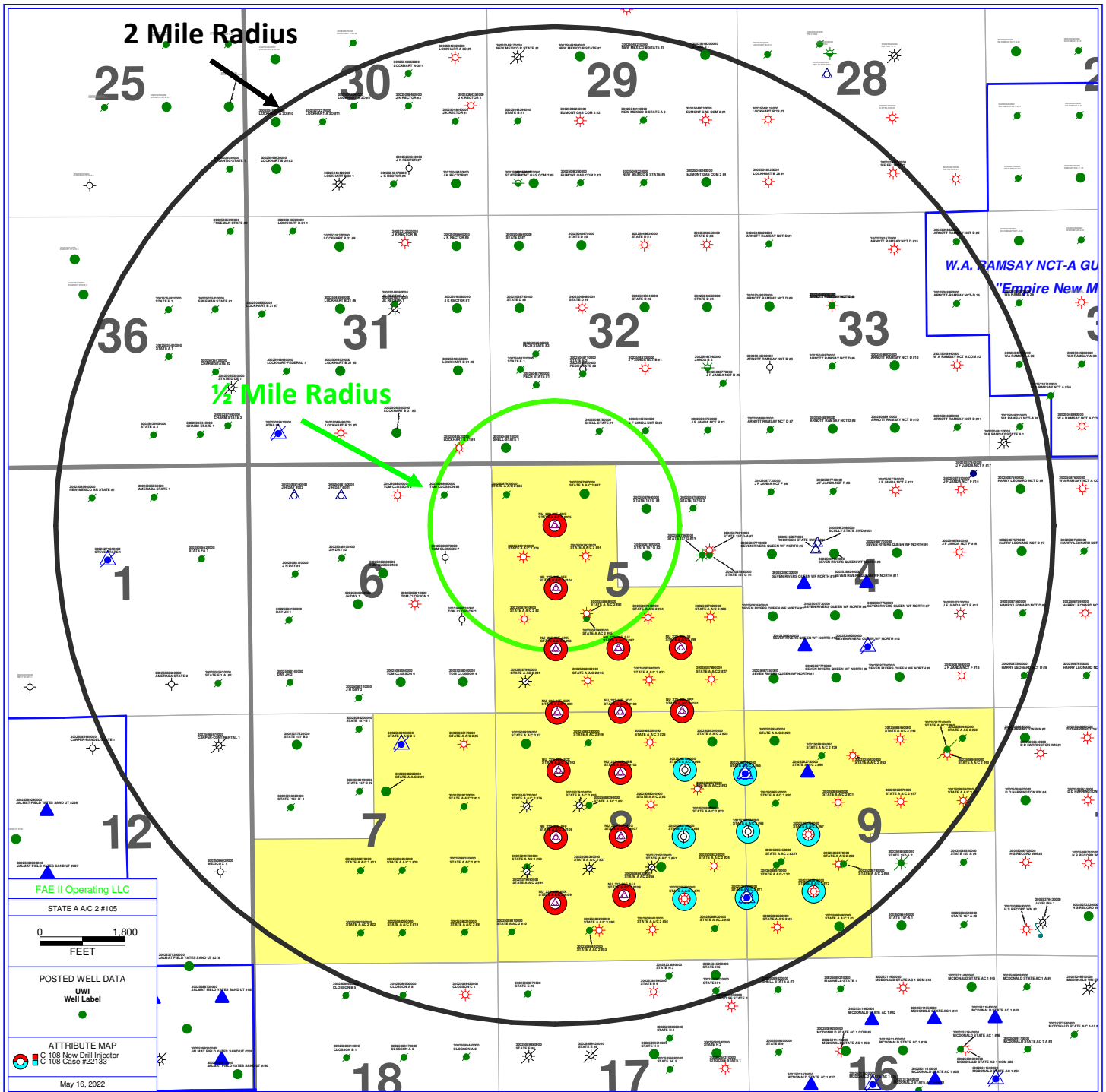
STATE A A/C 2 #104



V.

Exhibit A10 shows 17 unique well locations within a ½ mile radius of the proposed new drill injector location, and 246 unique well locations within a 2 mile radius.

STATE A A/C 2 #105

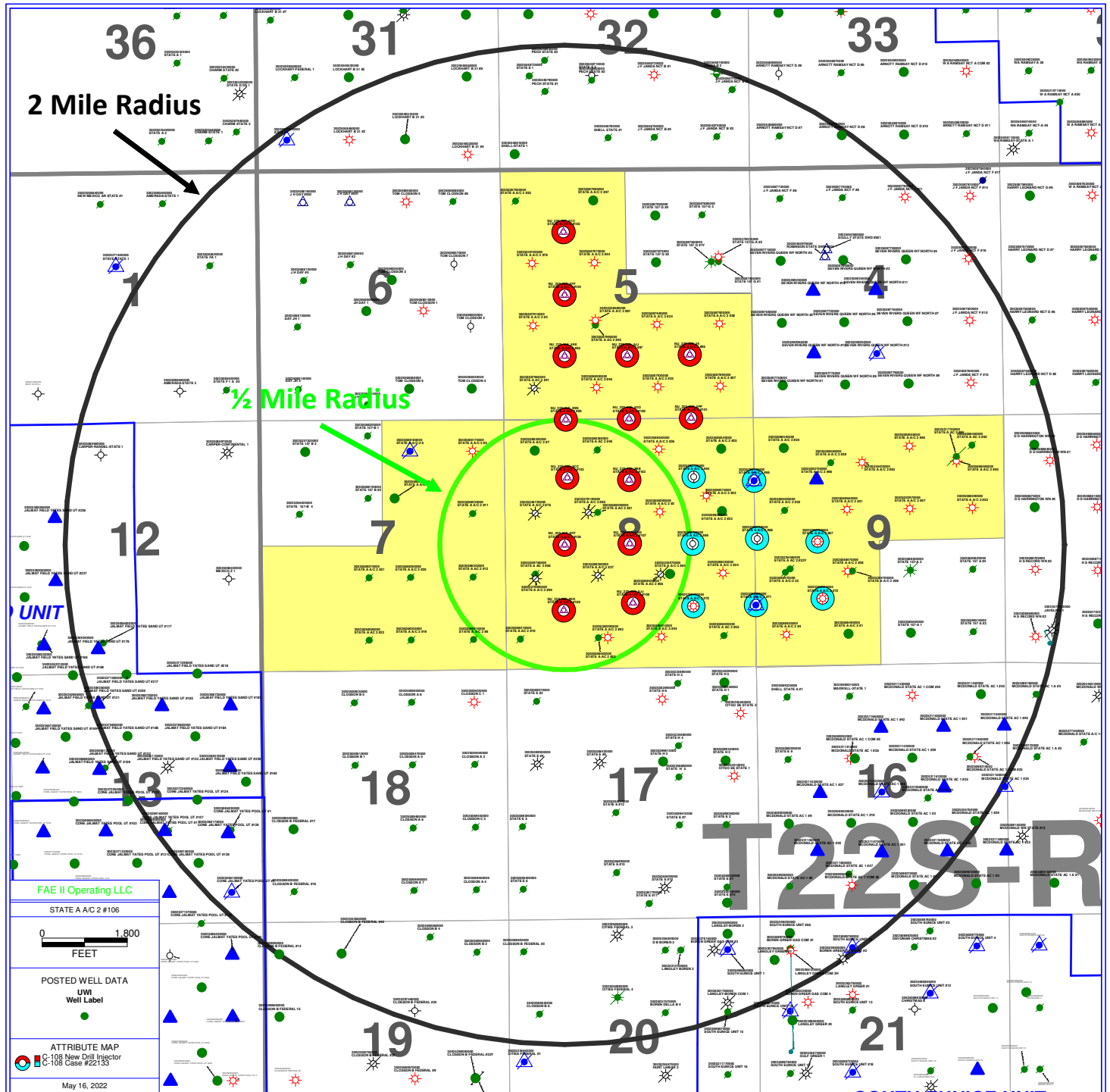


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V.

Exhibit A11 shows 22 unique well locations within a ½ mile radius of the proposed new drill injector location, and 272 unique well locations within a 2 mile radius.

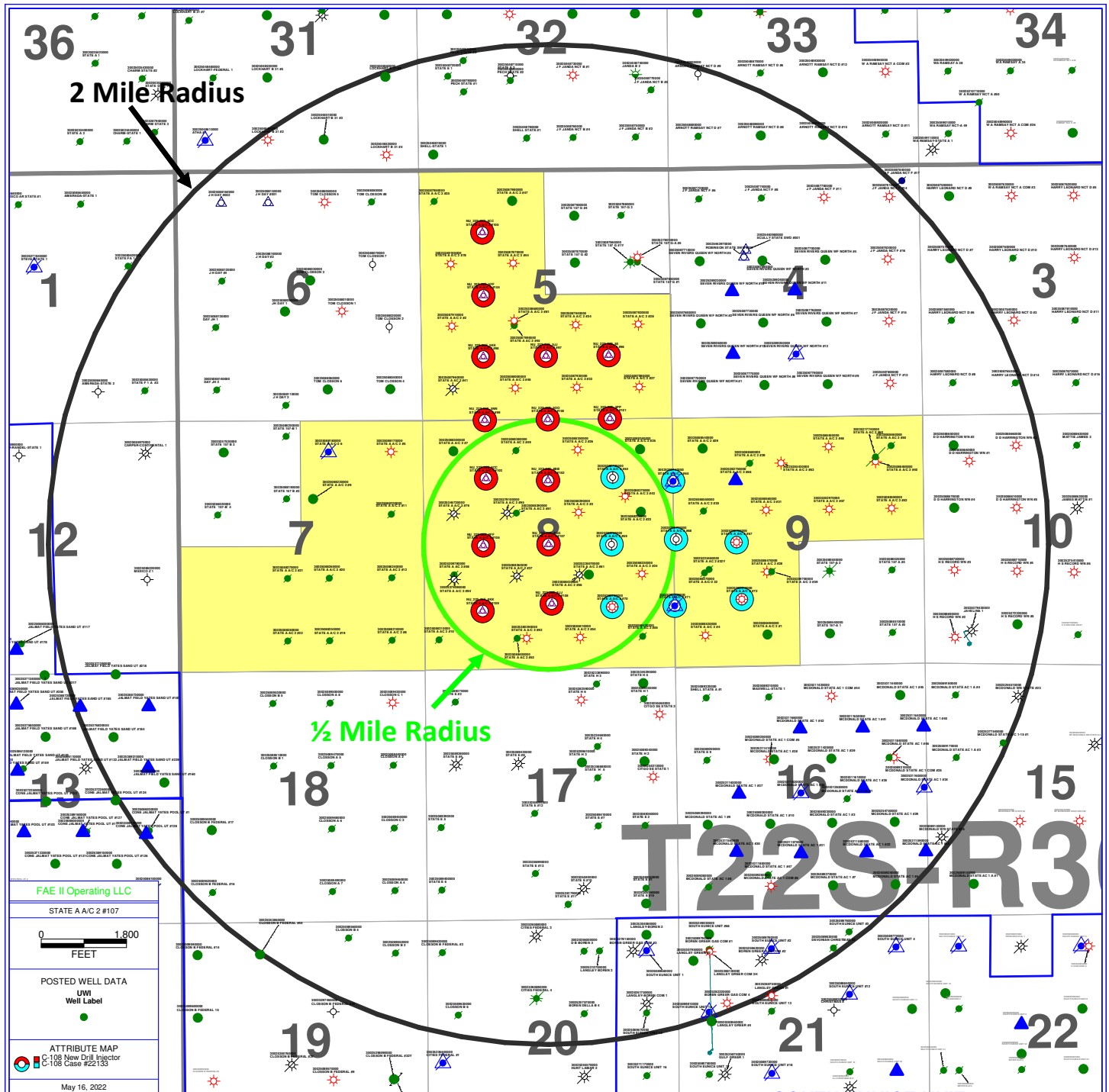
STATE A A/C 2 #106



V.

Exhibit A12 shows 26 unique well locations within a ½ mile radius of the proposed new drill injector location, and 276 unique well locations within a 2 mile radius.

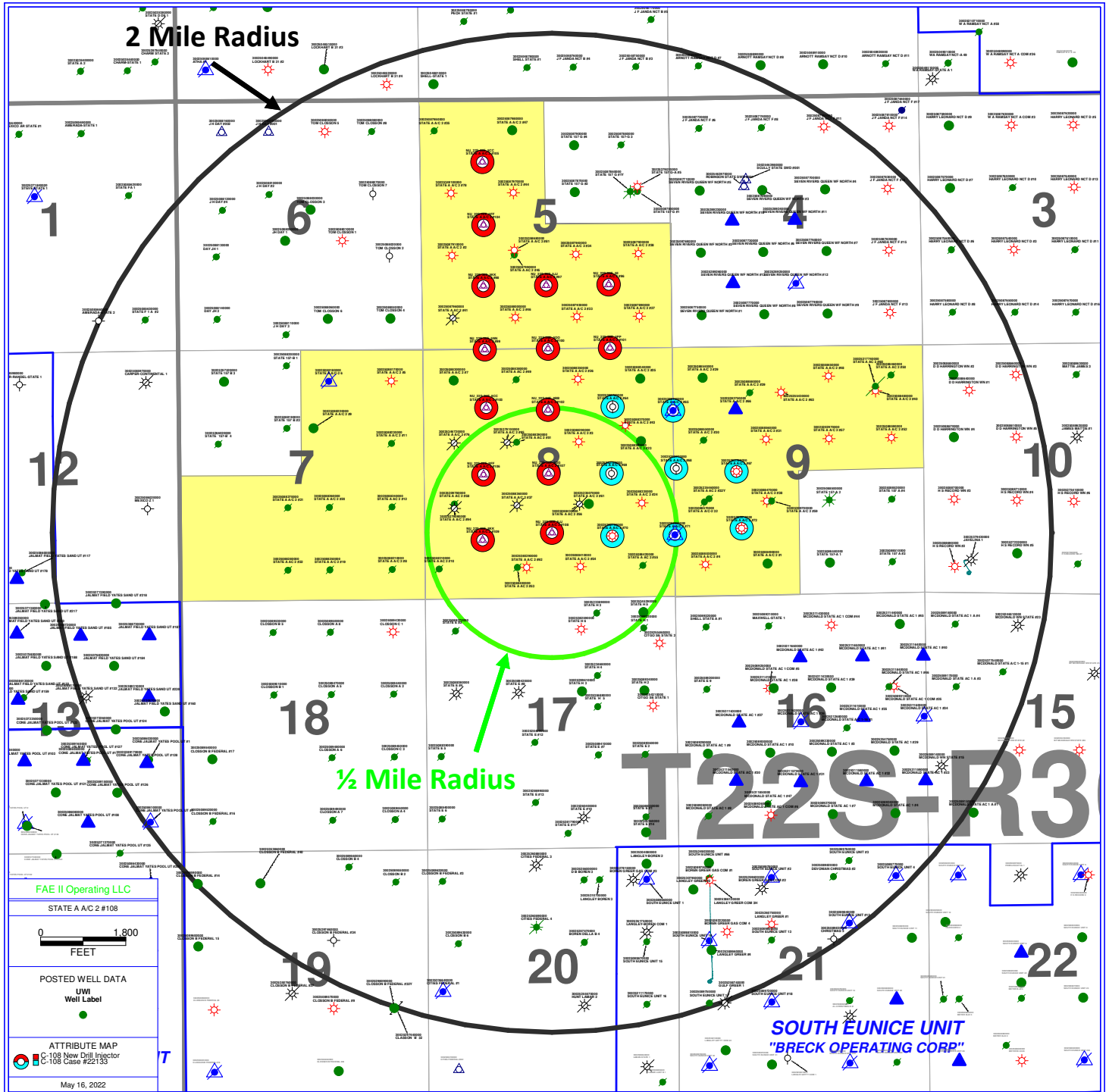
STATE A A/C 2 #107



V.

Exhibit A13 shows 25 unique well locations within a ½ mile radius of the proposed new drill injector location, and 274 unique well locations within a 2 mile radius.

STATE A A/C 2 #108

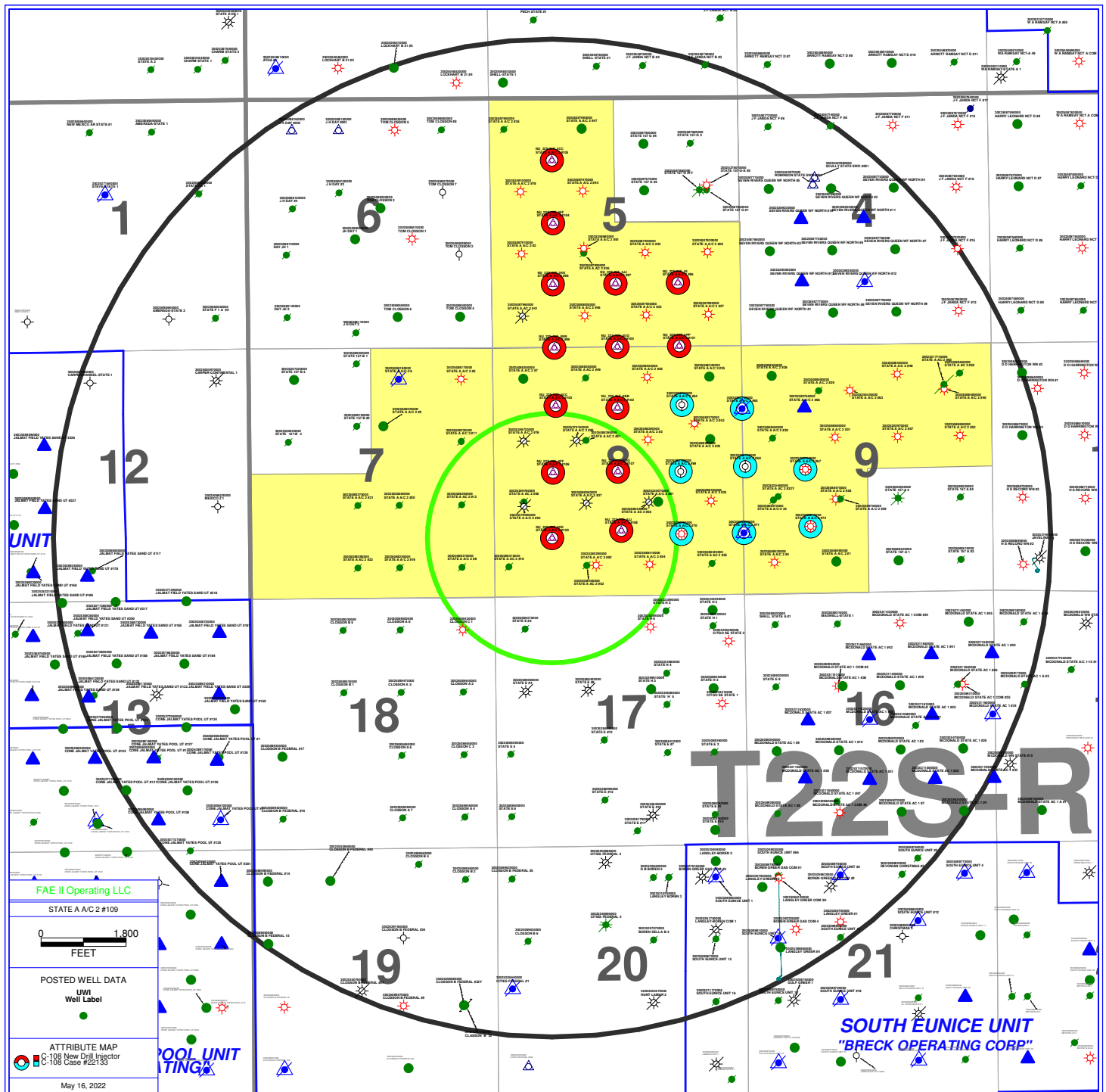


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V.

Exhibit A14 shows 19 unique well locations within a ½ mile radius of the proposed new drill injector location, and 283 unique well locations within a 2 mile radius.

STATE A A/C 2 #109



Part VI.

Following Exhibits, B1-B14, are the tabulation of the wells with each well's type, construction, date drilled, location, depth, and completion date of wells within a ½ mile radius that are displayed in Exhibits A1-A14. The plugged well wellbore diagrams are displayed in Exhibits C1-C29.

Exhibit B1

STATE A A/C 2 #96

UWI/API	OPERATOR	WELL LABEL	ID	WELL TYPE	CURRENT ZONE	Distance from STATE A A/C 2 #96 (feet)	SPUD DATE	COMP DATE	TOWNSHIP	RANGE	SECTION	FOOTAGE
NU 225-36E-S1I	FAE II Operating LLC	STATE A A/C 2 #96	4300	LOC-INJ	Location-Injector	0	TBD	TBD	22S	36E	5	1350 FSL 1300 FSL
30025087920000	FAE II Operating LLC	STATE A A/C 2 #28	3885	GAS	[24130] EUNICE;SEVEN RIVERS-QUEEN, SOUTH ; [33820] JALMATA-TAN-VATES-7 RVRIS (OIL) ; [79240] JALMATA-TAN-VATES-7 RVRIS (GAS)	904.73	5/7/1943	6/5/1943	22S	36E	5	660 FEL 1980 FSL
30025087890000	FAE II Operating LLC	STATE A A/C 2 #27	3872	GAS	[24130] EUNICE;SEVEN RIVERS-QUEEN, SOUTH ; [33820] JALMATA-TAN-VATES-7 RVRIS (OIL) ; [79240] JALMATA-TAN-VATES-7 RVRIS (GAS)	928.26	3/30/1943	4/30/1943	22S	36E	5	660 FEL 660 FSL
30025087940000	FAE II Operating LLC	STATE A A/C 2 #34	3880	GAS	[24130] EUNICE;SEVEN RIVERS-QUEEN, SOUTH ; [79240] JALMATA-TAN-VATES-7 RVRIS (GAS)	944.77	8/11/1946	9/4/1946	22S	36E	5	1980 FEL 1980 FSL
30025087930000	FAE II Operating LLC	STATE A A/C 2 #33	3890	GAS	[24130] EUNICE;SEVEN RIVERS-QUEEN, SOUTH ; [33820] JALMATA-TAN-VATES-7 RVRIS (OIL) ; [79240] JALMATA-TAN-VATES-7 RVRIS (GAS)	956.67	12/8/1945	1/17/1946	22S	36E	5	1980 FEL 660 FSL
NU 225-36E-S1J	FAE II Operating LLC	STATE A A/C 2 #97	4300	LOC-INJ	Location-Injector	1322.08	TBD	TBD	22S	36E	5	1350 FSL 2622 FEL
NU 225-36E-S1P	FAE II Operating LLC	STATE A A/C 2 #101	4300	LOC-INJ	Location-Injector	1340.08	TBD	TBD	22S	36E	5	10 FSL 1284 FEL
NU 225-36E-S1O	FAE II Operating LLC	STATE A A/C 2 #100	4300	LOC-INJ	Location-Injector	1867.69	TBD	TBD	22S	36E	5	10 FSL 2595 FEL
30025087860000	ATLANTIC RICHFIELD COMPANY/THE	STATE 157 G #1Y	3900	ABO&GW	PLUGGED	2017.12	8/11/1955	9/10/1955	22S	36E	5	810 FEL 1980 FNL
30025087850000	SINCLAIR OIL CORPORATION	STATE 157 G #1	3895	PLUGOIL	PLUGGED	2057.98	9/14/1943	11/5/1943	22S	36E	5	660 FEL 1980 FNL
30025087680000	Empire New Mexico LLC	SEVEN RIVERS QUEEN WF NORTH #2	3885	OIL	[24130] EUNICE;SEVEN RIVERS-QUEEN, SOUTH ; [79240] JALMATA-TAN-VATES-7 RVRIS (GAS)	2058.8	7/13/1943	11/10/1943	22S	36E	4	660 FFWL 1980 FSL
30025087750000	Empire New Mexico LLC	SEVEN RIVERS QUEEN WF NORTH #1	3870	OIL	[24130] EUNICE;SEVEN RIVERS-QUEEN, SOUTH ; [79240] JALMATA-TAN-VATES-7 RVRIS (GAS)	2070.9	5/26/1943	6/30/1943	22S	36E	4	660 FFWL 660 FSL
30025087870000	FAE II Operating LLC	STATE 157 G #2	3877	OIL	[24130] EUNICE;SEVEN RIVERS-QUEEN, SOUTH ; [79240] JALMATA-TAN-VATES-7 RVRIS (GAS)	2079.82	4/13/1951	5/8/1951	22S	36E	5	1980 FEL 1980 F
00250879900000	CLAYTON WILLIAMS ENERGY INCORPORATED	STATE A A/C 2 #45	3880	PLUGOIL	PLUGGED	2089.27	4/29/1960	5/20/1960	22S	36E	5	1980 FFWL 1980 F
00250880000000	FAE II Operating LLC	STATE A A/C 2 #46	3854	GAS	[24130] EUNICE;SEVEN RIVERS-QUEEN, SOUTH ; [79240] JALMATA-TAN-VATES-7 RVRIS (GAS)	2091.26	6/4/1960	6/22/1960	22S	36E	5	1980 FFWL 660 F
00250883400000	FAE II Operating LLC	STATE A A/C 2 #25	3850	OIL	[24130] EUNICE;SEVEN RIVERS-QUEEN, SOUTH ; [79240] JALMATA-TAN-VATES-7 RVRIS (GAS)	2096.01	1/25/1943	2/14/1943	22S	36E	8	660 FEL 660 FN
00250883500000	FAE II Operating LLC	STATE A A/C 2 #26	3890	GAS	[24130] EUNICE;SEVEN RIVERS-QUEEN, SOUTH ; [79240] JALMATA-TAN-VATES-7 RVRIS (GAS)	2104.89	2/9/1943	3/16/1943	22S	36E	8	1980 FEL 660 FN
00253586800000	FAE II Operating LLC	STATE A A/C 2 #81	3992	GAS	[79240] JALMATA-TAN-VATES-7 RVRIS (GAS)	2122.85	3/17/2004	4/22/2004	22S	36E	5	1980 FFWL 2080 FN
00253780100000	FAE II Operating LLC	STATE 157 G-A #5	3800	GAS	[79240] JALMATA-TAN-VATES-7 RVRIS (GAS)	2155.25	4/18/2006	6/10/2006	22S	36E	5	660 FEL 1880 FN
00252827300000	FAE II Operating LLC	STATE A A/C 2 #64	3900	TA	[24130] EUNICE;SEVEN RIVERS-QUEEN, SOUTH ; [79240] JALMATA-TAN-VATES-7 RVRIS (GAS)	2584.43	8/13/1983	10/25/1983	22S	36E	8	1250 FEL 1250 F
00252892600000	Empire New Mexico LLC	SEVEN RIVERS QUEEN WF NORTH #13	3970	INJECT	[24130] EUNICE;SEVEN RIVERS-QUEEN, SOUTH ; [79240] JALMATA-TAN-VATES-7 RVRIS (GAS)	2626.1	12/7/1984	1/18/1985	22S	36E	4	1330 FFWL 1325 F

Exhibit B2

STATE A A/C 2 #97

UWI/API	OPERATOR	WELL LABEL	ID	WELL TYPE	CURRENT ZONE	Distance from STATE A A/C 2 #97 (Feet)	SPUD DATE	COMP DATE	TOWNSHIP	RANGE	SECTION	FOOTAGE
NU 225-36E-511	FAE II Operating LLC	STATE A A/C 2 #97	4300	LOC-INJ	Location-Injector	0	TBD	TBD	225	36E	5	1350 FSL 2622 FEL
30025087940000	FAE II Operating LLC	STATE A A/C 2 #34	3880	GAS	[24130] EUNICE;SEVEN RIVERS-QUEEN, SOUTH ; [79240] JALUMA T.TAN-VATES-7 RVRs (GAS)	908.45	8/11/1946	9/4/1946	225	36E	5	1980 FEL 1980 FSL
30025087930000	FAE II Operating LLC	STATE A A/C 2 #33	3890	GAS	[24130] EUNICE;SEVEN RIVERS-QUEEN, SOUTH ; [33820] JALUMA T.TAN-VATES-7 RVRs (OIL) ; [79240] JALUMA T.TAN-VATES-7 RVRs (GAS)	928.28	12/8/1945	1/17/1946	225	36E	5	1980 FEL 660 FSL
30025087990000	CLAYTON WILLIAMS ENERGY INCORPORATED	STATE A A/C 2 #45	3850	PLUGGAIL	PLUGGED	928.57	4/29/1960	5/20/1960	225	36E	5	1980 FWL 1980 FSL
30025088000000	FAE II Operating LLC	STATE A A/C 2 #46	3854	GAS	[24130] EUNICE;SEVEN RIVERS-QUEEN, SOUTH ; [79240] JALUMA T.TAN-VATES-7 RVRs (GAS)	940.34	6/4/1960	6/22/1960	225	36E	5	1980 FWL 660 FSL
30025586800000	FAE II Operating LLC	STATE A A/C 2 #81	3992	GAS	[79240] JALUMA T.TAN-VATES-7 RVRs (GAS)	1002.26	3/17/2004	4/22/2004	225	36E	5	1980 FWL 2080 FSL
NU 225-36E-511	FAE II Operating LLC	STATE A A/C 2 #96	4300	LOC-INJ	Location-Injector	1322.08	TBD	TBD	225	36E	5	1350 FSL 1300 FEL
NU 225-36E-5K1	FAE II Operating LLC	STATE A A/C 2 #98	4300	LOC-INJ	Location-Injector	1325.18	TBD	TBD	225	36E	5	1355 FSL 1295 FWL
NU 225-36E-500	FAE II Operating LLC	STATE A A/C 2 #100	4300	LOC-INJ	Location-Injector	1340.24	TBD	TBD	225	36E	5	10 FSL 2595 FEL
NU 225-36E-5FF	FAE II Operating LLC	STATE A A/C 2 #104	4300	LOC-INJ	Location-Injector	1838.52	TBD	TBD	225	36E	5	2642 FNL 1305 FWL
NU 225-36E-5VN	FAE II Operating LLC	STATE A A/C 2 #99	4300	LOC-INJ	Location-Injector	1876.38	TBD	TBD	225	36E	5	10 FSL 1315 FWL
NU 225-36E-5PP	FAE II Operating LLC	STATE A A/C 2 #101	4300	LOC-INJ	Location-Injector	1889.74	TBD	TBD	225	36E	5	10 FSL 1284 FEL
30025087920000	FAE II Operating LLC	STATE A A/C 2 #28	3885	GAS	[24130] EUNICE;SEVEN RIVERS-QUEEN, SOUTH ; [33820] JALUMA T.TAN-VATES-7 RVRs (OIL) ; [79240] JALUMA T.TAN-VATES-7 RVRs (GAS)	2060.05	5/7/1943	6/5/1943	225	36E	5	660 FEL 1980 FSL
30025087870000	FAE II Operating LLC	STATE 157 G #2	3877	OIL	[24130] EUNICE;SEVEN RIVERS-QUEEN, SOUTH ; [79240] JALUMA T.TAN-VATES-7 RVRs (GAS)	2062.19	4/13/1951	5/8/1951	225	36E	5	1980 FEL 1980 FNL
0025087890000	FAE II Operating LLC	STATE A A/C 2 #27	3872	GAS	[24130] EUNICE;SEVEN RIVERS-QUEEN, SOUTH ; [33820] JALUMA T.TAN-VATES-7 RVRs (OIL) ; [79240] JALUMA T.TAN-VATES-7 RVRs (GAS)	2071.89	3/30/1943	4/30/1943	225	36E	5	660 FEL 660 FSL
0025087970000	FAE II Operating LLC	STATE A A/C 2 #44	3879	GAS	[24130] EUNICE;SEVEN RIVERS-QUEEN, SOUTH ; [33820] JALUMA T.TAN-VATES-7 RVRs (OIL) ; [79240] JALUMA T.TAN-VATES-7 RVRs (GAS)	2077.14	2/6/1960	4/26/1960	225	36E	5	1980 FWL 1980 FNL
0025087960000	CLAYTON WILLIAMS ENERGY INCORPORATED	STATE A A/C 2 #41	3585	PLUGGAS	PLUGGED	2085.91	9/4/1952	11/20/1952	225	36E	5	660 FWL 660 FSL
0025087910000	FAE II Operating LLC	STATE A A/C 2 #2	3968	GAS	[24130] EUNICE;SEVEN RIVERS-QUEEN, SOUTH ; [79240] JALUMA T.TAN-VATES-7 RVRs (GAS)	2086.46	9/18/1936	11/26/1936	225	36E	5	660 FWL 1980 FSL
0025088350000	FAE II Operating LLC	STATE A A/C 2 #26	3890	GAS	[24130] EUNICE;SEVEN RIVERS-QUEEN, SOUTH ; [79240] JALUMA T.TAN-VATES-7 RVRs (GAS)	2093.49	2/9/1943	3/16/1943	225	36E	8	1980 FEL 660 FNL
0025088390000	CLAYTON WILLIAMS ENERGY INCORPORATED	STATE A A/C 2 #49	3870	PLUGOIL	PLUGGED	2094.83	9/13/1960	9/28/1960	225	36E	8	1980 FWL 660 FNL
NU 225-36E-888	FAE II Operating LLC	STATE A A/C 2 #102	4300	LOC-INJ	Location-Injector	2632.01	TBD	TBD	225	36E	8	1282 FNL 2610 FEL

Exhibit B3

STATE A A/C 2 #98

UWI/API	OPERATOR	WELL LABEL	ID	WELL TYPE	CURRENT ZONE	Distance from STATE A A/C 2 #98 (feet)	SPUD DATE	COMP DATE	TOWNSHIP	RANGE	SECTION	FOOTAGE
NU 225-36E-5KK	FAE II Operating LLC	STATE A A/C 2 #98	4300	LOC-1N1	Location-Injector	0	TBD	TBD	225	36E	5	1354 FSL 1335 FWL
30025087910000	FAE II Operating LLC	STATE A A/C 2 #2	3968	GAS	[24130] EUNICE;SEVEN RIVERS-QUEEN, SOUTH ; [79240] JALMAT;TAN-VATES-7 RVRIS (GAS)	922.77	9/18/1936	11/26/1936	225	36E	5	660 FWL 1980 FSL
30025087990000	CLAYTON WILLIAMS ENERGY INCORPORATED	STATE A A/C 2 #45	3850	PLUGGAIL	PLUGGED	923.6	4/29/1960	5/20/1960	225	36E	5	1980 FWL 1980 FSL
30025087960000	CLAYTON WILLIAMS ENERGY INCORPORATED	STATE A A/C 2 #41	3585	PLUGGAS	PLUGGED	935.75	9/4/1952	11/20/1952	225	36E	5	660 FWL 660 FSL
30025088000000	FAE II Operating LLC	STATE A A/C 2 #46	3854	GAS	[24130] EUNICE;SEVEN RIVERS-QUEEN, SOUTH ; [79240] JALMAT;TAN-VATES-7 RVRIS (GAS)	949.51	6/4/1960	6/22/1960	225	36E	5	1980 FWL 660 FSL
30025358680000	FAE II Operating LLC	STATE A A/C 2 #81	3992	GAS	[79240] JALMAT;TAN-VATES-7 RVRIS (GAS)	997.58	3/17/2004	4/22/2004	225	36E	5	1980 FWL 2080 FSL
NU 225-36E-5FF	FAE II Operating LLC	STATE A A/C 2 #104	4300	LOC-1N1	Location-Injector	1288.7	TBD	TBD	225	36E	5	2642 FNL 1353 FWL
NU 225-36E-5J1	FAE II Operating LLC	STATE A A/C 2 #97	4300	LOC-1N1	Location-Injector	1325.18	TBD	TBD	225	36E	5	1350 FSL 2622 FEL
NU 225-36E-5VN	FAE II Operating LLC	STATE A A/C 2 #99	4300	LOC-1N1	Location-Injector	1344.81	TBD	TBD	225	36E	5	9 FSL 1346 FWL
NU 225-36E-5O0	FAE II Operating LLC	STATE A A/C 2 #100	4300	LOC-1N1	Location-Injector	1902.99	TBD	TBD	225	36E	5	10 FSL 2595 FEL
30025087940000	FAE II Operating LLC	STATE A A/C 2 #34	3880	GAS	[24130] EUNICE;SEVEN RIVERS-QUEEN, SOUTH ; [79240] JALMAT;TAN-VATES-7 RVRIS (GAS)	2063.88	8/11/1946	9/4/1946	225	36E	5	1980 FEL 1980 FSL
30025087970000	FAE II Operating LLC	STATE A A/C 2 #44	3879	GAS	[24130] EUNICE;SEVEN RIVERS-QUEEN, SOUTH ; [33820] JALMAT;TAN-VATES-7 RVRIS (OIL) ; [79240] JALMAT;TAN-VATES-7 RVRIS (GAS)	2068.52	2/6/1960	4/26/1960	225	36E	5	1980 FWL 1980 FNL
30025349100000	FAE II Operating LLC	STATE A A/C 2 #78	4000	GAS	[24130] EUNICE;SEVEN RIVERS-QUEEN, SOUTH ; [33820] JALMAT;TAN-VATES-7 RVRIS (OIL) ; [79240] JALMAT;TAN-VATES-7 RVRIS (GAS)	2074.04	3/2/2000	11/21/2000	225	36E	5	660 FWL 1980 FNL
30025087930000	FAE II Operating LLC	STATE A A/C 2 #33	3890	GAS	[24130] EUNICE;SEVEN RIVERS-QUEEN, SOUTH ; [33820] JALMAT;TAN-VATES-7 RVRIS (OIL) ; [79240] JALMAT;TAN-VATES-7 RVRIS (GAS)	2079.11	12/18/1945	1/17/1946	225	36E	5	1980 FEL 660 FSL
00250880400000	FAE II Operating LLC	TOM CLOSSON 4	3830	OIL	[24130] EUNICE;SEVEN RIVERS-QUEEN, SOUTH ; [33820] JALMAT;TAN-VATES-7 RVRIS (OIL) ; [79240] JALMAT;TAN-VATES-7 RVRIS (GAS)	2080.92	6/22/1937	7/29/1937	225	36E	6	660 FEL 660 FSL
00250880200000	FAE II Operating LLC	TOM CLOSSON 2	3816	TA	[33820] JALMAT;TAN-VATES-7 RVRIS (OIL) ; [24130] EUNICE;SEVEN RIVERS-QUEEN, SOUTH ; [33820] JALMAT;TAN-VATES-7 RVRIS (OIL) ; [79240] JALMAT;TAN-VATES-7 RVRIS (GAS)	2083.27	7/20/1936	8/30/1936	225	36E	6	660 FEL 1980 FSL
00250883000000	FAE II Operating LLC	STATE A A/C 2 #7	3875	OIL	PLUGGED	2097.68	12/11/1937	1/22/1938	225	36E	8	660 FWL 660 FNL
00250883800000	CLAYTON WILLIAMS ENERGY INCORPORATED	STATE A A/C 2 #49	3870	PLUGGAIL	PLUGGED	2101.39	9/13/1960	9/28/1960	225	36E	8	1980 FWL 660 FNL
U 225-36E-8CC	FAE II Operating LLC	STATE A A/C 2 #103	4300	LOC-1N1	Location-Injector	2575.04	TBD	TBD	225	36E	8	1229 FNL 1360 FWL
U 225-36E-5SC	FAE II Operating LLC	STATE A A/C 2 #105	4300	LOC-1N1	Location-Injector	2620.59	TBD	TBD	225	36E	5	1310 FNL 1346 FWL

Exhibit B4

STATE A A/C 2 #99

LWI/API	OPERATOR	WELL LABEL	ID	WELL TYPE	CURRENT ZONE	Distance from STATE A A/C 2 #99 (feet)	SPUD DATE	COMP DATE	TOWNSHIP	RANGE	SECTION	FOOTAGE
300250883800000	FAE II Operating LLC	STATE A A/C 2 #49	3870	PLUGGAIL	[24130] EUNICE;SEVEN RIVERS-QUEEN, SOUTH ; [33820] JALMATA-TAN-YATES-7 RVRIS (OIL) ; [79240] JALMATA-TAN-YATES-7 RVRIS (GAS)	921	9/13/1960	9/28/1960	225	36E	5	9 FSL 1346 FWL 1980 FWL 660 FNL
300250883800000	FAE II Operating LLC	STATE A A/C 2 #7	3875	OIL	[24130] EUNICE;SEVEN RIVERS-QUEEN, SOUTH ; [33820] JALMATA-TAN-YATES-7 RVRIS (OIL) ; [79240] JALMATA-TAN-YATES-7 RVRIS (GAS)	929.83	12/11/1937	1/22/1938	225	36E	8	660 FWL 660 FNL
300250880000000	FAE II Operating LLC	STATE A A/C 2 #46	3854	GAS	[24130] EUNICE;SEVEN RIVERS-QUEEN, SOUTH ; [79240] JALMATA-TAN-YATES-7 RVRIS (GAS)	936.04	6/4/1960	6/22/1960	225	36E	5	1980 FWL 660 FSL
300250879600000	CLAYTON WILLIAMS ENERGY INCORPORATED	STATE A A/C 2 #41	3885	PLUGGAS	PLUGGED	944.37	9/4/1952	11/20/1952	225	36E	5	660 FWL 660 FSL
NU 225-36E-8C	FAE II Operating LLC	STATE A A/C 2 #103	4300	LOC-NU	Location-Injector	1230.23	TBD	TBD	225	36E	8	1229 FNL 1360 FWL
NU 225-36E-500	FAE II Operating LLC	STATE A A/C 2 #100	4300	LOC-NU	Location-Injector	1334.71	TBD	TBD	225	36E	5	10 FSL 2595 FEL
NU 225-36E-5KK	FAE II Operating LLC	STATE A A/C 2 #98	4300	LOC-NU	Location-Injector	1344.81	TBD	TBD	225	36E	5	1354 FSL 1335 FWL
NU 225-36E-888	FAE II Operating LLC	STATE A A/C 2 #102	4300	LOC-NU	Location-Injector	1847.56	TBD	TBD	225	36E	8	1282 FNL 2610 FEL
NU 225-36E-5JJ	FAE II Operating LLC	STATE A A/C 2 #97	4300	LOC-NU	Location-Injector	1876.38	TBD	TBD	225	36E	5	1350 FSL 2622 FEL
300253791000000	BLACKBEARD OPERATING, LLC	STATE A A/C 2 #95	4065	PLUGGAS	PLUGGED	2018.4	8/27/2006	10/23/2006	225	36E	8	1780 FWL 1980 FNL
300250883500000	FAE II Operating LLC	STATE A A/C 2 #26	3890	GAS	[24130] EUNICE;SEVEN RIVERS-QUEEN, SOUTH ; [79240] JALMATA-TAN-YATES-7 RVRIS (GAS)	2062.43	2/9/1943	3/16/1943	225	36E	8	1980 FWL 660 FNL
300250879300000	FAE II Operating LLC	STATE A A/C 2 #33	3890	GAS	[24130] EUNICE;SEVEN RIVERS-QUEEN, SOUTH ; [33820] JALMATA-TAN-YATES-7 RVRIS (OIL) ; [79240] JALMATA-TAN-YATES-7 RVRIS (GAS)	2065.48	12/8/1945	1/17/1946	225	36E	5	1980 FEL 660 FSL
300250883900000	SUN EXPLORATION & PRODUCTION COMPANY	STATE A A/C 2 #51	3867	PLUGOIL	PLUGGED	2072.61	11/9/1960	11/30/1960	225	36E	8	1980 FWL 1980 FNL
300253467200000	FAE II Operating LLC	STATE A A/C 2 #76	4065	PLUGGAS	PLUGGED	2080.82	3/9/2000	8/11/2001	225	36E	8	660 FWL 1980 FNL
0025088170000	CLAYTON WILLIAMS ENERGY INCORPORATED	STATE A A/C 2 #5	3846	GAS	[79240] JALMATA-TAN-YATES-7 RVRIS (GAS)	2085.45	8/9/1937	9/13/1937	225	36E	7	660 FEL 660 FNL
0025087990000	FAE II Operating LLC	STATE A A/C 2 #45	3850	PLUGOIL	PLUGGED	2092.8	4/29/1960	5/20/1960	225	36E	5	1980 FWL 1980 FNL
0025089040000	FAE II Operating LLC	TOM CLOSSON 4	3830	OIL	[24130] EUNICE;SEVEN RIVERS-QUEEN, SOUTH ; [79240] JALMATA-TAN-YATES-7 RVRIS (GAS)	2097.16	6/22/1937	7/29/1937	225	36E	6	660 FEL 660 FSL
0025087910000	FAE II Operating LLC	STATE A A/C 2 #2	3968	GAS	[24130] EUNICE;SEVEN RIVERS-QUEEN, SOUTH ; [79240] JALMATA-TAN-YATES-7 RVRIS (GAS)	2102.35	9/18/1936	11/26/1936	225	36E	5	660 FWL 1980 FSL
0025358680000	FAE II Operating LLC	STATE A A/C 2 #81	3992	GAS	[79240] JALMATA-TAN-YATES-7 RVRIS (GAS)	2189.96	3/17/2004	4/22/2004	225	36E	5	1980 FWL 2080 FSL
0225-36E-SFF	FAE II Operating LLC	STATE A A/C 2 #104	4300	LOC-NU	Location-Injector	2533.34	TBD	TBD	225	36E	5	2642 FNL 1353 FWL

Exhibit B5

STATE A A/C 2 #100

UWI/API	OPERATOR	WELL LABEL	TD	WELL TYPE	CURRENT ZONE	Distance from STATE A A/C 2 #100 (feet)	SPUD DATE	COMP DATE	TOWNSHIP	RANGE	SECTION	FOOTAGE
NU 225-36E 500	FAE II Operating LLC	STATE A A/C 2 #100	4300	LOC-INJ	Location-Injector	0	TBD	TBD	225	36E	5	10 FSL 2595 FEL
30025088350000	FAE II Operating LLC	STATE A A/C 2 #26	3890	GAS	[24130] EUNICE;SEVEN RIVERS-QUEEN, SOUTH ; [79240] JALMAT;TAN-VATES-7 RVR(S) (GAS)	901.15	2/9/1943	3/16/1943	225	36E	8	1980 FEL 660 FNL
30025087930000	FAE II Operating LLC	STATE A A/C 2 #33	3890	GAS	[24130] EUNICE;SEVEN RIVERS-QUEEN, SOUTH ; [33820] JALMAT;TAN-VATES-7 RVR(S) (OIL) ; [79240] JALMAT;TAN-VATES-7 RVR(S) (GAS)	911.49	12/8/1945	1/17/1946	225	36E	5	1980 FEL 660 FSL
30025088380000	CLAYTON WILLIAMS ENERGY INCORPORATED	STATE A A/C 2 #49	3870	PLUGOIL	PLUGGED	939.94	9/13/1960	9/28/1960	225	36E	8	1980 FWL 660 FNL
30025088000000	FAE II Operating LLC	STATE A A/C 2 #46	3854	GAS	[24130] EUNICE;SEVEN RIVERS-QUEEN, SOUTH ; [79240] JALMAT;TAN-VATES-7 RVR(S) (GAS)	953.53	6/4/1960	6/22/1960	225	36E	5	1980 FWL 660 FSL
NU 225-36E 888	FAE II Operating LLC	STATE A A/C 2 #102	4300	LOC-INJ	Location-Injector	1292	TBD	TBD	225	36E	8	1282 FNL 2610 FEL
NU 225-36E 888	FAE II Operating LLC	STATE A A/C 2 #101	4300	LOC-INJ	Location-Injector	1311.31	TBD	TBD	225	36E	5	10 FSL 1284 FEL
NU 225-36E 5NIN	FAE II Operating LLC	STATE A A/C 2 #99	4300	LOC-INJ	Location-Injector	1334.71	TBD	TBD	225	36E	5	10 FSL 1315 FWL
NU 225-36E 5IJ	FAE II Operating LLC	STATE A A/C 2 #97	4300	LOC-INJ	Location-Injector	1340.24	TBD	TBD	225	36E	5	1350 FSL 2622 FEL
NU 225-36E 8CC	FAE II Operating LLC	STATE A A/C 2 #103	4300	LOC-INJ	Location-Injector	1805.87	TBD	TBD	225	36E	8	1220 FNL 1335 FWL
30025282730000	FAE II Operating LLC	STATE A A/C 2 #64	3900	TA	[24130] EUNICE;SEVEN RIVERS-QUEEN, SOUTH ; [79240] JALMAT;TAN-VATES-7 RVR(S) (GAS)	1836.77	8/13/1983	10/25/1983	225	36E	8	1250 FEL 1250 FNL
NU 225-36E 5K	FAE II Operating LLC	STATE A A/C 2 #96	4300	LOC-INJ	Location-Injector	1867.69	TBD	TBD	225	36E	5	1350 FSL 1300 FEL
NU 225-36E 5K	FAE II Operating LLC	STATE A A/C 2 #98	4300	LOC-INJ	Location-Injector	1902.99	TBD	TBD	225	36E	5	1355 FSL 1295 FWL
30025088340000	FAE II Operating LLC	STATE A A/C 2 #25	3850	OIL	[24130] EUNICE;SEVEN RIVERS-QUEEN, SOUTH ; [79240] JALMAT;TAN-VATES-7 RVR(S) (GAS)	2047.69	1/25/1943	2/14/1943	225	36E	8	660 FEL 660 FNL
30025087890000	FAE II Operating LLC	STATE A A/C 2 #27	3872	GAS	[24130] EUNICE;SEVEN RIVERS-QUEEN, SOUTH ; [33820] JALMAT;TAN-VATES-7 RVR(S) (OIL) ; [79240] JALMAT;TAN-VATES-7 RVR(S) (GAS)	2048.27	3/30/1943	4/30/1943	225	36E	5	660 FEL 660 FSL
30025088290000	FAE II Operating LLC	STATE A A/C 2 #3	3885	GAS	[24130] EUNICE;SEVEN RIVERS-QUEEN, SOUTH ; [33820] JALMAT;TAN-VATES-7 RVR(S) (OIL) ; [79240] JALMAT;TAN-VATES-7 RVR(S) (GAS)	2066.25	12/17/1936	2/10/1937	225	36E	8	1980 FEL 1980 FNL
30025087940000	FAE II Operating LLC	STATE A A/C 2 #34	3880	GAS	[24130] EUNICE;SEVEN RIVERS-QUEEN, SOUTH ; [79240] JALMAT;TAN-VATES-7 RVR(S) (GAS)	2081.89	8/11/1946	9/4/1946	225	36E	5	1980 FEL 1980 FS
30025088390000	SUN EXPLORATION & PRODUCTION COMPANY	STATE A A/C 2 #51	3867	PLUGOIL	PLUGGED	2085.58	11/9/1960	11/30/1960	225	36E	8	1980 FWL 1980 FNL
30025087990000	CLAYTON WILLIAMS ENERGY INCORPORATED	STATE A A/C 2 #45	3850	PLUGOIL	PLUGGED	2104.07	4/29/1960	5/20/1960	225	36E	5	1980 FWL 1980 FSL
30025087960000	CLAYTON WILLIAMS ENERGY INCORPORATED	STATE A A/C 2 #41	3585	PLUGGAS	PLUGGED	2107.78	9/4/1952	11/20/1952	225	36E	5	660 FWL 660 FSL
30025379100000	BLACKBEAR OPERATING, LLC	STATE A A/C 2 #95	4065	PLUGGAS	PLUGGED	2159.5	8/27/2006	10/23/2006	225	36E	8	1780 FWL 1980 FNL
30025356680000	FAE II Operating LLC	STATE A A/C 2 #81	3992	GAS	[79240] JALMAT;TAN-VATES-7 RVR(S) (GAS)	2200.55	3/17/2004	4/22/2004	225	36E	5	1980 FWL 2080 FSL
30025088370000	FAE II Operating LLC	STATE A A/C 2 #43	3640	GAS	[79240] JALMAT;TAN-VATES-7 RVR(S) (GAS)	2303.5	10/14/1957	11/9/1957	225	36E	8	990 FEL 1650 FNL

Exhibit B6

STATE A A/C 2 #101

UWI/API	OPERATOR	WELL LABEL	ID	WELL TYPE	CURRENT ZONE	Distance from STATE A A/C 2 #101 (feet)	SPUD DATE	COMP DATE	TOWNSHIP	RANGE	SECTION	FOOTAGE
300250883400000	FAE II Operating LLC	STATE A A/C 2 #25	3850	OIL	[24130] EUNICE SEVEN RIVERS- QUEEN, SOUTH; [79240] JALIMAT; TAN-VATES- 7 RVRS (GAS)	908.6	1/25/1943	2/14/1943	225	36E	5	10 FSL 1284 FEL 660 FEL 660 FNL
300250878900000	FAE II Operating LLC	STATE A A/C 2 #27	3872	GAS	[24130] EUNICE SEVEN RIVERS- QUEEN, SOUTH; [33820] JALIMAT; TAN-VATES- 7 RVRS (OIL); [79240] JALIMAT; TAN-VATES- 7 RVRS (GAS)	913	3/30/1943	4/30/1943	225	36E	5	660 FEL 660 FSL
300250883500000	FAE II Operating LLC	STATE A A/C 2 #26	3890	GAS	[24130] EUNICE SEVEN RIVERS- QUEEN, SOUTH; [79240] JALIMAT; TAN-VATES- 7 RVRS (GAS)	949.14	2/9/1943	3/16/1943	225	36E	8	1980 FEL 660 FNL
300250879300000	FAE II Operating LLC	STATE A A/C 2 #33	3890	GAS	[24130] EUNICE SEVEN RIVERS- QUEEN, SOUTH; [33820] JALIMAT; TAN-VATES- 7 RVRS (OIL); [79240] JALIMAT; TAN-VATES- 7 RVRS (GAS)	961.85	12/8/1945	1/17/1946	225	36E	5	1980 FEL 660 FSL
300252827300000	FAE II Operating LLC	STATE A A/C 2 #64	3900	TA	[24130] EUNICE SEVEN RIVERS- QUEEN, SOUTH	1244.54	8/13/1983	10/25/1983	225	36E	8	1250 FEL 1250 FNL
NU 225-36E-500	FAE II Operating LLC	STATE A A/C 2 #100	4300	LOC-INJ	Location-Injector	1311.31	TBD	TBD	225	36E	5	10 FSL 2595 FEL
NU 225-36E-511	FAE II Operating LLC	STATE A A/C 2 #96	4300	LOC-INJ	Location-Injector	1340.08	TBD	TBD	225	36E	5	1350 FSL 1300 FEL
300250883700000	FAE II Operating LLC	STATE A A/C 2 #43	3640	GAS	[79240] JALIMAT; TAN-VATES- 7 RVRS (GAS)	1672.26	10/14/1957	11/9/1957	225	36E	8	990 FEL 1650 FNL
NU 225-36E-888	FAE II Operating LLC	STATE A A/C 2 #102	4300	LOC-INJ	Location-Injector	1850.92	TBD	TBD	225	36E	8	1282 FNL 2610 FEL
300252827400000	MERIT ENERGY COMPANY	STATE A A/C 2 #65	3900	PLUGGIN	PLUGGED	1878.83	9/4/1983	10/9/1983	225	36E	9	25 FWL 1345 FNL
NU 225-36E-51J	FAE II Operating LLC	STATE A A/C 2 #97	4300	LOC-INJ	Location-Injector	1889.74	TBD	TBD	225	36E	5	1350 FSL 2622 FEL
300250885400000	FAE II Operating LLC	STATE A A/C 2 #29	3860	OIL	[24130] EUNICE SEVEN RIVERS- QUEEN, SOUTH; [79240] JALIMAT; TAN-VATES- 7 RVRS (GAS)	2056.97	6/5/1943	7/10/1943	225	36E	9	660 FNL 660 FNL
0250887500000	Empire New Mexico LLC	SEVEN RIVERS QUEEN WF NORTH #1	3870	OIL	[24130] EUNICE SEVEN RIVERS- QUEEN, SOUTH	2057.26	5/26/1943	6/30/1943	225	36E	4	660 FNL 660 FNL
0250883200000	FAE II Operating LLC	STATE A A/C 2 #23	3870	OIL	[24130] EUNICE SEVEN RIVERS- QUEEN, SOUTH	2075.1	11/2/1942	12/3/1942	225	36E	8	660 FEL 1980 FNL
0250879200000	FAE II Operating LLC	STATE A A/C 2 #28	3885	GAS	[24130] EUNICE SEVEN RIVERS- QUEEN, SOUTH; [33820] JALIMAT; TAN-VATES- 7 RVRS (OIL); [79240] JALIMAT; TAN-VATES- 7 RVRS (GAS)	2080.88	5/7/1943	6/5/1943	225	36E	5	660 FEL 1980 FNL
0250888290000	FAE II Operating LLC	STATE A A/C 2 #3	3885	GAS	[24130] EUNICE SEVEN RIVERS- QUEEN, SOUTH; [33820] JALIMAT; TAN-VATES- 7 RVRS (OIL); [79240] JALIMAT; TAN-VATES- 7 RVRS (GAS)	2089.27	12/17/1936	2/10/1937	225	36E	8	1980 FEL 1980 FNL
0250883800000	CLAYTON WILLIAMS ENERGY INCORPORATED	STATE A A/C 2 #9	3870	PLUGOIL	PLUGGED	2094.78	9/13/1960	9/28/1960	225	36E	8	1980 FNL 660 FNL
0250880000000	FAE II Operating LLC	STATE A A/C 2 #46	3854	GAS	[24130] EUNICE SEVEN RIVERS- QUEEN, SOUTH; [79240] JALIMAT; TAN-VATES- 7 RVRS (GAS)	2100.28	6/4/1960	6/22/1960	225	36E	5	1980 FNL 660 FNL
0250879400000	FAE II Operating LLC	STATE A A/C 2 #34	3880	GAS	[24130] EUNICE SEVEN RIVERS- QUEEN, SOUTH; [79240] JALIMAT; TAN-VATES- 7 RVRS (GAS)	2107.66	8/11/1946	9/4/1946	225	36E	5	1980 FEL 1980 FNL

Exhibit B7

STATE A A/C 2 #102

UWI/API	OPERATOR	WELL LABEL	ID	WELL TYPE	CURRENT ZONE	Distance from STATE A/A/C 2 #102 (feet)	SPUD DATE	COMP DATE	TOWNSHIP	RANGE	SECTION	FOOTAGE
NU 225-36E-888B	FAE II Operating LLC	STATE A A/C 2 #102	4300	LOC-1N1	Location-Injector	0	TBD	TBD	225	36E	8	1282 FNL 2610 FEL
30025088350000	FAE II Operating LLC	STATE A A/C 2 #26	3890	GAS	[24130] EUNICE;SEVEN RIVERS-QUEEN, SOUTH ; [79240] JALMAT-TAN-YATES-7 RVRIS (GAS)	902	2/9/1943	3/16/1943	225	36E	8	1980 FEL 660 FNL
3002508838300000	CLAYTON WILLIAMS ENERGY INCORPORATED	STATE A A/C 2 #49	3870	PLUGOIL	PLUGGED	926.6	9/13/1960	9/28/1960	225	36E	8	1980 FNL 660 FNL
30025088290000	FAE II Operating LLC	STATE A A/C 2 #3	3885	GAS	[24130] EUNICE;SEVEN RIVERS-QUEEN, SOUTH ; [38820] JALMAT-TAN-YATES-7 RVRIS (OIL) ; [79240] JALMA-TAN-YATES-7 RVRIS (GAS)	933.22	12/17/1936	2/10/1937	225	36E	8	1980 FEL 1980 FNL
30025088390000	SUN EXPLORATION & PRODUCTION COMPANY	STATE A A/C 2 #51	3867	PLUGOIL	PLUGGED	955.07	11/9/1960	11/30/1960	225	36E	8	1980 FNL 1980 FNL
30025379100000	BLACKBEARD OPERATING, LLC	STATE A A/C 2 #95	4055	PLUGGAS	PLUGGED	1105.39	8/27/2006	10/23/2006	225	36E	8	1780 FNL 1980 FNL
NU 225-36E-500	FAE II Operating LLC	STATE A A/C 2 #100	4300	LOC-1N1	Location-Injector	1292	TBD	TBD	225	36E	5	10 FSL 2595 FEL
NU 225-36E-80C	FAE II Operating LLC	STATE A A/C 2 #103	4300	LOC-1N1	Location-Injector	1309.58	TBD	TBD	225	36E	8	1229 FNL 1360 FNL
NU 225-36E-86G	FAE II Operating LLC	STATE A A/C 2 #107	4300	LOC-1N1	Location-Injector	1348.3	TBD	TBD	225	36E	8	2631 FNL 2616 FEL
30025282730000	FAE II Operating LLC	STATE A A/C 2 #64	3900	TA	[24130] EUNICE;SEVEN RIVERS-QUEEN, SOUTH	1366.46	8/13/1983	10/25/1983	225	36E	8	1250 FEL 1250 FNL
30025088370000	FAE II Operating LLC	STATE A A/C 2 #43	3640	GAS	[79240] JALMAT-TAN-YATES-7 RVRIS (GAS)	1664.59	10/14/1957	11/9/1957	225	36E	8	990 FEL 1650 FNL
NU 225-36E-5NN	FAE II Operating LLC	STATE A A/C 2 #99	4300	LOC-1N1	Location-Injector	1847.56	TBD	TBD	225	36E	5	9 FSL 1346 FNL
NU 225-36E-5PP	FAE II Operating LLC	STATE A A/C 2 #101	4300	LOC-1N1	Location-Injector	1850.92	TBD	TBD	225	36E	5	10 FSL 1284 FEL
300253282780000	FAE II Operating LLC	STATE A A/C 2 #69	3900	TA	[24130] EUNICE;SEVEN RIVERS-QUEEN, SOUTH	1900.72	9/8/1983	10/8/1983	225	36E	8	1295 FEL 2615 FSL
NU 225-36E-8FF	FAE II Operating LLC	STATE A A/C 2 #106	4300	LOC-1N1	Location-Injector	1933.37	TBD	TBD	225	36E	8	2616 FSL 1270 FNL
30025088340000	FAE II Operating LLC	STATE A A/C 2 #25	3850	OIL	[24130] EUNICE;SEVEN RIVERS-QUEEN, SOUTH ; [79240] JALMAT-TAN-YATES-7 RVRIS (GAS)	2054.62	1/25/1943	2/14/1943	225	36E	8	660 FEL 660 FNL
00250879300000	FAE II Operating LLC	STATE A A/C 2 #33	3890	GAS	[24130] EUNICE;SEVEN RIVERS-QUEEN, SOUTH ; [38820] JALMAT-TAN-YATES-7 RVRIS (OIL) ; [79240] JALMA-TAN-YATES-7 RVRIS (GAS)	2060.28	12/8/1945	1/17/1946	225	36E	5	1980 FEL 660 FSL
00250880000000	FAE II Operating LLC	STATE A A/C 2 #46	3854	GAS	[24130] EUNICE;SEVEN RIVERS-QUEEN, SOUTH ; [79240] JALMA-TAN-YATES-7 RVRIS (GAS)	2070.6	6/4/1960	6/22/1960	225	36E	5	1980 FNL 660 FSL
00250883200000	FAE II Operating LLC	STATE A A/C 2 #23	3870	OIL	[24130] EUNICE;SEVEN RIVERS-QUEEN, SOUTH ; [38820] JALMAT-TAN-YATES-7 RVRIS (OIL) ; [79240] JALMA-TAN-YATES-7 RVRIS (GAS)	2072.48	11/2/1942	12/3/1942	225	36E	8	660 FEL 1980 FNL
00250883000000	FAE II Operating LLC	STATE A A/C 2 #7	3875	OIL	[24130] EUNICE;SEVEN RIVERS-QUEEN, SOUTH ; [38820] JALMAT-TAN-YATES-7 RVRIS (OIL) ; [79240] JALMA-TAN-YATES-7 RVRIS (GAS)	2089.28	12/11/1937	1/22/1938	225	36E	8	660 FNL 660 FNL
00250884300000	CLAYTON WILLIAMS ENERGY INCORPORATED	STATE A A/C 2 #56	3883	PLUGGAS	PLUGGED	2101.59	8/6/1961	9/21/1961	225	36E	8	1980 FEL 1980 FSL
00253467200000	FAE II Operating LLC	STATE A A/C 2 #76	4055	PLUGGAS	PLUGGED	2106.32	3/9/2000	8/11/2001	225	36E	8	660 FNL 1980 FNL
00250883600000	PETROHAWK OPERATING COMPANY	STATE A A/C 2 #37	3912	PLUGGAS	PLUGGED	2121.81	11/11/1946	2/9/1947	225	36E	8	1980 FNL 1980 FSL
00253230700000	FAE II Operating LLC	STATE A A/C 2 #61	3949	OIL	[24130] EUNICE;SEVEN RIVERS-QUEEN, SOUTH	2167.14	5/14/1970	7/25/1970	225	36E	8	1780 FEL 1980 FSL
NU 225-36E-811	FAE II Operating LLC	STATE A A/C 2 #108	4300	LOC-1N1	Location-Injector	2600.1	TBD	TBD	225	36E	8	1388 FSL 2563 FEL
NU 225-36E-511	FAE II Operating LLC	STATE A A/C 2 #97	4300	LOC-1N1	Location-Injector	2632.01	TBD	TBD	225	36E	5	1350 FSL 2622 FEL

Exhibit B8

STATE A A/C 2 #103

UWI/API	OPERATOR	WELL LABEL	TD	WELL TYPE	CURRENT ZONE	Distance from STATE A/A/C 2 #103 (feet)	SPUD DATE	COMP DATE	TOWNSHIP	RANGE	SECTION	FOOTAGE
NU 225-36E-8CC	FAE II Operating LLC	STATE A A/C 2 #103	4300	LOC-INI	Location-Injector	0	TBD	TBD	22S	36E	8	1229 FNL 1360 FWL
30025379100000	BLACKBEARD OPERATING, LLC	STATE A A/C 2 #95	4065	PLUGGAS	PLUGGED	856.3	8/27/2006	10/23/2006	22S	36E	8	1780 FWL 1980 FNL
30025088380000	CLAYTON WILLIAMS ENERGY INCORPORATED	STATE A A/C 2 #49	3870	PLUGOIL	PLUGGED	866.07	9/13/1960	9/28/1960	22S	36E	8	1980 FWL 660 FNL
30025088300000	FAE II Operating LLC	STATE A A/C 2 #7	3875	OIL	[24130] EUNICE;SEVEN RIVERS-QUEEN, SOUTH; [33820] JALIMA T-TAN-VATES-7 RVRS (OIL); [79240] JALIMA T-TAN-VATES-7 RVRS (GAS)	894.74	12/11/1937	1/22/1938	22S	36E	8	660 FWL 660 FNL
30025088390000	SUN EXPLORATION & PRODUCTION COMPANY	STATE A A/C 2 #51	3867	PLUGOIL	PLUGGED	973.9	11/9/1960	11/30/1960	22S	36E	8	1980 FWL 1980 FNL
30025346720000	FAE II Operating LLC	STATE A A/C 2 #76	4065	PLUGGAS	PLUGGED	1008.32	3/9/2000	8/11/2001	22S	36E	8	660 FWL 1980 FNL
NU 225-36E-5NN	FAE II Operating LLC	STATE A A/C 2 #99	4300	LOC-INI	Location-Injector	1230.23	TBD	TBD	22S	36E	5	9 FSL 1346 FWL
NU 225-36E-888	FAE II Operating LLC	STATE A A/C 2 #102	4300	LOC-INI	Location-Injector	1309.58	TBD	TBD	22S	36E	8	1282 FNL 2610 FEL
NU 225-36E-8FF	FAE II Operating LLC	STATE A A/C 2 #106	4300	LOC-INI	Location-Injector	1415.9	TBD	TBD	22S	36E	8	2616 FSL 1270 FWL
NU 225-36E-500	FAE II Operating LLC	STATE A A/C 2 #100	4300	LOC-INI	Location-Injector	1805.87	TBD	TBD	22S	36E	5	10 FSL 2595 FEL
NU 225-36E-86G	FAE II Operating LLC	STATE A A/C 2 #107	4300	LOC-INI	Location-Injector	1919.8	TBD	TBD	22S	36E	8	2631 FNL 2616 FEL
30025088000000	FAE II Operating LLC	STATE A A/C 2 #46	3854	GAS	[24130] EUNICE;SEVEN RIVERS-QUEEN, SOUTH; [79240] JALIMA T-TAN-VATES-7 RVRS (GAS)	2004.58	6/4/1960	6/22/1960	22S	36E	5	1980 FWL 660 FSL
30025087960000	CLAYTON WILLIAMS ENERGY INCORPORATED	STATE A A/C 2 #41	3585	PLUGGAS	PLUGGED	2019.16	9/4/1952	11/20/1952	22S	36E	5	660 FWL 660 FSL
30025088350000	FAE II Operating LLC	STATE A A/C 2 #26	3890	GAS	[24130] EUNICE;SEVEN RIVERS-QUEEN, SOUTH; [79240] JALIMA T-TAN-VATES-7 RVRS (GAS)	2028.08	2/9/1943	3/16/1943	22S	36E	8	1980 FEL 660 FNL
30025088170000	FAE II Operating LLC	STATE A A/C 2 #5	3846	GAS	[79240] JALIMA T-TAN-VATES-7 RVRS (GAS)	2082.58	8/9/1937	9/13/1937	22S	36E	7	660 FEL 660 FNL
00250882900000	FAE II Operating LLC	STATE A A/C 2 #3	3885	GAS	[24130] EUNICE;SEVEN RIVERS-QUEEN, SOUTH; [33820] JALIMA T-TAN-VATES-7 RVRS (OIL); [79240] JALIMA T-TAN-VATES-7 RVRS (GAS)	2083.17	12/17/1936	2/10/1937	22S	36E	8	1980 FEL 1980 FN
00250882300000	MERT ENERGY COMPANY	STATE A A/C 2 #11	3860	PLUGOIL	PLUGGED	2136.43	3/28/1938	5/19/1938	22S	36E	7	660 FEL 1980 FNL
00252097800000	CLAYTON WILLIAMS ENERGY INCORPORATED	STATE A A/C 2 #58	3928	PLUGOIL	PLUGGED	2142.8	10/1/1964	10/17/1964	22S	36E	8	660 FWL 2030 FSL
00250883600000	PETROHAWK OPERATING COMPANY	STATE A A/C 2 #37	3912	PLUGGAS	PLUGGED	2162.5	11/11/1946	2/9/1947	22S	36E	8	1980 FWL 1980 FSL
00253790900000	BLACKBEARD OPERATING, LLC	STATE A A/C 2 #94	4022	PLUGGAS	PLUGGED	2236.02	8/15/2006	10/11/2006	22S	36E	8	660 FWL 1980 FSL
U 0225-36E-5KK	FAE II Operating LLC	STATE A A/C 2 #98	4300	LOC-INI	Location-Injector	2575.04	TBD	TBD	22S	36E	5	1354 FSL 1335 FNL

Exhibit B9

STATE A A/C 2 #104

UWI/API	OPERATOR	WELL LABEL	ID	WELL TYPE	CURRENT ZONE	Distance from STATE A A/C 2 #104 (feet)	SPUD DATE	COMP DATE	TOWNSHIP	RANGE	SECTION	FOOTAGE
NU 225-36E-5FF	FAE II Operating LLC	STATE A A/C 2 #104	4300	LOC-INJ	Location-Injector	0	TBD	TBD	225	36E	5	2642 FNL 1353 FWL
30025358680000	FAE II Operating LLC	STATE A A/C 2 #81	3992	GAS	[79240] JALMATI:TAN-YATES-7 RVR5 (GAS)	841.21	3/17/2004	4/22/2004	225	36E	5	1980 FWL 2080 FSL
30025087990000	CLAYTON WILLIAMS ENERGY INCORPORATED	STATE A A/C 2 #45	3850	PLUGGOL	PLUGGED	909.97	4/29/1960	5/20/1960	225	36E	5	1980 FWL 1980 FSL
30025087970000	FAE II Operating LLC	STATE A A/C 2 #44	3879	GAS	[24130] EUNICE:SEVEN RIVERS QUEEN, SOUTH ; [33820] JALMATI:TAN-YATES-7 RVR5 (OIL) ; [79240] JALMATI:TAN-YATES-7 RVR5 (GAS)	927.21	2/6/1960	4/26/1960	225	36E	5	1980 FWL 1980 FNL
30025087910000	FAE II Operating LLC	STATE A A/C 2 #2	3968	GAS	[24130] EUNICE:SEVEN RIVERS QUEEN, SOUTH ; [79240] JALMATI:TAN-YATES-7 RVR5 (GAS)	930	9/18/1936	11/26/1936	225	36E	5	660 FWL 1980 FSL
30025349100000	FAE II Operating LLC	STATE A A/C 2 #78	4000	GAS	[24130] EUNICE:SEVEN RIVERS QUEEN, SOUTH ; [33820] JALMATI:TAN-YATES-7 RVR5 (OIL) ; [79240] JALMATI:TAN-YATES-7 RVR5 (GAS)	959.67	3/2/2000	11/21/2000	225	36E	5	660 FWL 1980 FNL
NU 225-36E-5KK	FAE II Operating LLC	STATE A A/C 2 #98	4300	LOC-INJ	Location-Injector	1288.7	TBD	TBD	225	36E	5	1354 FSL 1335 FWL
NU 225-36E-5CC	FAE II Operating LLC	STATE A A/C 2 #105	4300	LOC-INJ	Location-Injector	1332.01	TBD	TBD	225	36E	5	1310 FNL 1346 FWL
NU 225-36E-5JJ	FAE II Operating LLC	STATE A A/C 2 #97	4300	LOC-INJ	Location-Injector	1838.52	TBD	TBD	225	36E	5	1350 FSL 2622 FEL
30025087940000	FAE II Operating LLC	STATE A A/C 2 #34	3880	GAS	[24130] EUNICE:SEVEN RIVERS QUEEN, SOUTH ; [79240] JALMATI:TAN-YATES-7 RVR5 (GAS)	2046.27	8/11/1946	9/4/1946	225	36E	5	1980 FEL 1980 FSL
30025087870000	FAE II Operating LLC	STATE 157 G #2	3877	OIL	[24130] EUNICE:SEVEN RIVERS QUEEN, SOUTH ; [79240] JALMATI:TAN-YATES-7 RVR5 (GAS)	2052.15	4/13/1951	5/8/1951	225	36E	5	1980 FEL 1980 FNL
025088000000	FAE II Operating LLC	STATE A A/C 2 #46	3854	GAS	[24130] EUNICE:SEVEN RIVERS QUEEN, SOUTH ; [79240] JALMATI:TAN-YATES-7 RVR5 (GAS)	2068.82	6/4/1960	6/22/1960	225	36E	5	1980 FWL 660 FS
025087960000	CLAYTON WILLIAMS ENERGY INCORPORATED	STATE A A/C 2 #41	3585	PLUGGAS	PLUGGED	2071.83	9/4/1952	11/20/1952	225	36E	5	660 FWL 660 FSL
025088020000	FAE II Operating LLC	TOM CLOSSON 2	3816	TA	[24130] EUNICE:SEVEN RIVERS QUEEN, SOUTH ; [33820] JALMATI:TAN-YATES-7 RVR5 (OIL) ; [79240] JALMATI:TAN-YATES-7 RVR5 (GAS)	2091.72	7/2/1960	7/29/1960	225	36E	5	1980 FWL 660 FNL
025087980000	FAE II Operating LLC	STATE A A/C 2 #47	3890	OIL	[24130] EUNICE:SEVEN RIVERS QUEEN, SOUTH ; [33820] JALMATI:TAN-YATES-7 RVR5 (OIL) ; [79240] JALMATI:TAN-YATES-7 RVR5 (GAS)	2091.72	7/2/1960	7/29/1960	225	36E	5	1980 FWL 660 FNL
025087950000	PETROHAWK OPERATING COMPANY	STATE A A/C 2 #35	3930	PLUGOIL	PLUGGED	2241.99	9/10/1946	12/12/1946	225	36E	5	330 FWL 660 FNL
025088070000	FAE II Operating LLC	TOM CLOSSON 7	3830	TA	[33820] JALMATI:TAN-YATES-7 RVR5 (OIL)	2429.85	10/7/1937	11/11/1937	225	36E	6	990 FEL 1980 FNL
025087900000	FAE II Operating LLC	STATE 157 G #4	3900	OIL	[24130] EUNICE:SEVEN RIVERS QUEEN, SOUTH ; [33820] JALMATI:TAN-YATES-7 RVR5 (OIL) ; [79240] JALMATI:TAN-YATES-7 RVR5 (GAS)	2550.04	10/16/1956	11/12/1956	225	36E	5	1980 FEL 990 FNL
U 225-36E-5NN	FAE II Operating LLC	STATE A A/C 2 #99	4300	LOC-INJ	Location-Injector	2633.34	TBD	TBD	225	36E	5	9 FSL 1346 FWL

Exhibit B10

STATE A A/C 2 #105

UWI/API	OPERATOR	WELL LABEL	TD	WELL TYPE	CURRENT ZONE	Distance from STATE A/A/C 2 #105 (feet)	SPUD DATE	COMP DATE	TOWNSHIP	RANGE	SECTION	FOOTAGE
NU 225-36E 5CC	FAE II Operating LLC	STATE A A/C 2 #105	4300	LOC-INJ	Location-Injector	0	TBD	TBD	225	36E	5	1310 FNL 1346 FNL
30025087980000	FAE II Operating LLC	STATE A A/C 2 #47	3890	OIL	[24130] EUNICE;SEVEN RIVERS-QUEEN, SOUTH ; [33820] JALMAAT-TAN-VATES-7 RVRIS (OIL) ; [79240] JALMAAT-TAN-VATES-7 RVRIS (GAS)	920.08	7/21/1960	7/29/1960	225	36E	5	1980 FWL 660 FNL
30025087970000	FAE II Operating LLC	STATE A A/C 2 #44	3879	GAS	[24130] EUNICE;SEVEN RIVERS-QUEEN, SOUTH ; [33820] JALMAAT-TAN-VATES-7 RVRIS (OIL) ; [79240] JALMAAT-TAN-VATES-7 RVRIS (GAS)	921.63	2/6/1960	4/26/1960	225	36E	5	1980 FWL 1980 FNL
30025349100000	FAE II Operating LLC	STATE A A/C 2 #78	4000	GAS	[24130] EUNICE;SEVEN RIVERS-QUEEN, SOUTH ; [33820] JALMAAT-TAN-VATES-7 RVRIS (OIL) ; [79240] JALMAAT-TAN-VATES-7 RVRIS (GAS)	939.24	3/21/2000	11/21/2000	225	36E	5	660 FWL 1980 FNL
30025087950000	PETROHAWK OPERATING COMPANY	STATE A A/C 2 #35	3930	PLUGOIL	PLUGGED	1209.19	9/10/1946	12/12/1946	225	36E	5	330 FWL 660 FNL
NU 225-36E 5FF	FAE II Operating LLC	STATE A A/C 2 #104	4300	LOC-INJ	Location-Injector	1332.01	TBD	TBD	225	36E	5	2642 FNL 1353 FNL
30025048810000	UPLAND PRODUCTION COMPANY	SHELL-STATE 1	3890	OIL	[24130] EUNICE;SEVEN RIVERS-QUEEN, SOUTH ; [33820] JALMAAT-TAN-VATES-7 RVRIS (OIL) ; [79240] JALMAAT-TAN-VATES-7 RVRIS (GAS)	1941.05	9/17/1947	10/18/1947	215	36E	32	330 FWL 330 FSL
30025087900000	FAE II Operating LLC	STATE 157 G #4	3900	OIL	[24130] EUNICE;SEVEN RIVERS-QUEEN, SOUTH ; [33820] JALMAAT-TAN-VATES-7 RVRIS (OIL) ; [79240] JALMAAT-TAN-VATES-7 RVRIS (GAS)	1970.8	10/16/1956	11/12/1956	225	36E	5	1980 FEL 990 FNL
30025358680000	FAE II Operating LLC	STATE A A/C 2 #81	3992	GAS	[79240] JALMAAT-TAN-VATES-7 RVRIS (GAS)	1983.6	3/17/2004	4/22/2004	225	36E	5	1980 FWL 2080 FSL
30025087870000	FAE II Operating LLC	STATE 157 G #2	3877	OIL	[24130] EUNICE;SEVEN RIVERS-QUEEN, SOUTH ; [79240] JALMAAT-TAN-VATES-7 RVRIS (GAS)	2056.46	4/13/1951	5/8/1951	225	36E	5	1980 FEL 1980 FNL
00250879900000	CLAYTON WILLIAMS ENERGY INCORPORATED	STATE A A/C 2 #45	3850	PLUGOIL	PLUGGED	2080.01	4/29/1960	5/20/1960	225	36E	5	1980 FWL 1980 FSL
00250487800000	FAE II Operating LLC	STATE A A/C 2 #2	3968	GAS	[24130] EUNICE;SEVEN RIVERS-QUEEN, SOUTH ; [79240] JALMAAT-TAN-VATES-7 RVRIS (GAS)	2082.02	9/18/1936	11/26/1936	225	36E	5	660 FWL 1980 FSL
00250487800000	CHESAPEAKE OPERATING INCORPORATED	SHELL STATE #1	3905	PLUGOIL	PLUGGED	2204.96	5/21/1958	6/7/1958	215	36E	32	2310 FWL 660 FSL
00250880700000	FAE II Operating LLC	TOM CLOSSON 7	3830	TA	[33820] JALMAAT-TAN-VATES-7 RVRIS (OIL)	2412.42	10/7/1937	11/11/1937	225	36E	6	990 FEL 1980 FNL
00250880800000	SOUTHWEST ROYALTIES INCORPORATED	TOM CLOSSON #8	3845	PLUGOIL	PLUGGED	2425.14	11/13/1937	1/6/1938	225	36E	6	990 FEL 660 FNL
00250485200000	FAE II Operating LLC	LOCKHART B 31 #4	3874	GAS	[79240] JALMAAT-TAN-VATES-7 RVRIS (GAS)	2602.98	10/18/1938	12/1/1938	215	36E	31	660 FEL 330 FSL
U 225-36E 5KK	FAE II Operating LLC	STATE A A/C 2 #98	4300	LOC-INJ	Location-Injector	2620.59	TBD	TBD	225	36E	5	1354 FSL 1335 FSL

Exhibit B11

STATE A A/C 2 #106

UWI/API	OPERATOR	WELL LABEL	ID	WELL TYPE	CURRENT ZONE	Distance from STATE A A/C 2 #106 (Feet)	SPUD DATE	COMP DATE	TOWNSHIP	RANGE	SECTION	FOOTAGE
NU 225-36E-8FF	FAE II Operating LLC	STATE A A/C 2 #106	4300	LOC-INJ	Location-Injector	0	TBD	TBD	225	36E	8	2616 FSL 1270 FWL
30025379100000	BLACRBREARD OPERATING, LLC	STATE A A/C 2 #95	4065	PLUGGAS	PLUGGED	845.16	8/27/2006	10/23/2006	225	36E	8	1780 FWL 1980 FNL
30025309780000	CLAYTON WILLIAMS ENERGY INCORPORATED	STATE A A/C 2 #58	3928	PLUGOIL	PLUGGED	873.52	10/1/1964	10/17/1964	225	36E	8	660 FWL 2030 FSL
30025346720000	FAE II Operating LLC	STATE A A/C 2 #76	4065	PLUGGAS	PLUGGED	912.01	3/9/2000	8/11/2001	225	36E	8	660 FWL 1980 FNL
30025379090000	BLACRBREARD OPERATING, LLC	STATE A A/C 2 #94	4022	PLUGGAS	PLUGGED	945.19	8/15/2006	10/11/2006	225	36E	8	660 FWL 1930 FSL
30025088360000	PETROHAWK OPERATING COMPANY	STATE A A/C 2 #37	3912	PLUGGAS	PLUGGED	958.25	11/11/1946	2/9/1947	225	36E	8	1980 FWL 1980 FSL
30025088390000	SUN EXPLORATION & PRODUCTION COMPANY	STATE A A/C 2 #51	3867	PLUGOIL	PLUGGED	978.47	11/9/1960	11/30/1960	225	36E	8	1980 FWL 1980 FNL
NU 225-36E-86G	FAE II Operating LLC	STATE A A/C 2 #107	4300	LOC-INJ	Location-Injector	1376.56	TBD	TBD	225	36E	8	2631 FNL 2616 FEL
NU 225-36E-8KK	FAE II Operating LLC	STATE A A/C 2 #109	4300	LOC-INJ	Location-Injector	1385.06	TBD	TBD	225	36E	8	1231 FSL 1243 FWL
NU 225-36E-8CC	FAE II Operating LLC	STATE A A/C 2 #103	4300	LOC-INJ	Location-Injector	1415.9	TBD	TBD	225	36E	8	1229 FNL 1360 FWL
NU 225-36E-8JJ	FAE II Operating LLC	STATE A A/C 2 #108	4300	LOC-INJ	Location-Injector	1897.81	TBD	TBD	225	36E	8	1383 FSL 2563 FEL
NU 225-36E-8BB	FAE II Operating LLC	STATE A A/C 2 #102	4300	LOC-INJ	Location-Injector	1933.37	TBD	TBD	225	36E	8	1282 FEL 2610 FSL
30025088240000	CLAYTON WILLIAMS ENERGY INCORPORATED	STATE A A/C 2 #12	3850	PLUGOIL	PLUGGED	2049.93	4/28/1938	6/12/1938	225	36E	7	660 FEL 1980 FSL
30025088230000	MERIT ENERGY COMPANY	STATE A A/C 2 #11	3860	PLUGOIL	PLUGGED	2050.91	3/28/1938	5/19/1938	225	36E	7	660 FEL 1980 FNL
30025088300000	FAE II Operating LLC	STATE A A/C 2 #7	3875	OIL		2086	12/11/1937	1/22/1938	225	36E	8	660 FWL 660 FNL
30025088400000	CLAYTON WILLIAMS ENERGY INCORPORATED	STATE A A/C 2 #53	3886	PLUGOIL	PLUGGED	2089.93	2/4/1961	2/20/1961	225	36E	8	1980 FWL 660 FS
30025088380000	CLAYTON WILLIAMS ENERGY INCORPORATED	STATE A A/C 2 #49	3870	PLUGOIL	PLUGGED	2120.1	9/13/1960	9/28/1960	225	36E	8	1980 FWL 660 FNL
30025088430000	CLAYTON WILLIAMS ENERGY INCORPORATED	STATE A A/C 2 #56	3853	PLUGGAS	PLUGGED	2124.01	8/6/1961	9/21/1961	225	36E	8	1980 FEL 1980 FSL
30025088290000	FAE II Operating LLC	STATE A A/C 2 #3	3885	GAS	[24130] EUNICE;SEVEN RIVERS-QUEEN, SOUTH ; [33820] JALMAT;TAN-VATES-7 RVRs (OIL) ; [79240] JALMAT;TAN-VATES-7 RVRs (GAS)	2128.61	12/17/1936	2/10/1937	225	36E	8	1980 FEL 1980 FNL
30025380290000	FAE II Operating LLC	STATE A A/C 2 #92	3812	GAS	[24130] EUNICE;SEVEN RIVERS-QUEEN, SOUTH ; [33820] JALMAT;TAN-VATES-7 RVRs (OIL) ; [79240] JALMAT;TAN-VATES-7 RVRs (GAS)	2164.83	9/12/2006	12/2/2006	225	36E	8	2180 FWL 660 FS
30025088310000	CLAYTON WILLIAMS ENERGY INCORPORATED	STATE A A/C 2 #10	3840	PLUGOIL	PLUGGED	2203.35	3/20/1938	4/25/1938	225	36E	8	330 FWL 660 FSL
30025353070000	FAE II Operating LLC	STATE A A/C 2 #61	3949	OIL	[24130] EUNICE;SEVEN RIVERS-QUEEN, SOUTH	2312.03	5/14/1970	7/25/1970	225	36E	8	1780 FEL 1980 FS

Exhibit B12

STATE A A/C 2 #107

UWI/API	OPERATOR	WELL LABEL	ID	WELL TYPE	CURRENT ZONE	Distance from STATE A A/C 2 #107 (Feet)	SPUD DATE	COMP DATE	TOWNSHIP	RANGE	SECTION	FOOTAGE
NU 225-36E 86G	FAE II Operating LLC	STATE A A/C 2 #107	4300	LOC-INI	Location-Injector	0	TBD	TBD	225	36E	8	2631 FNL 2616 FSL
30025088430000	CLAYTON WILLIAMS ENERGY INCORPORATED	STATE A A/C 2 #56	3853	PLUGGAS	PLUGGED	918.6	8/6/1961	9/21/1961	225	36E	8	1980 FEL 1980 FSL
30025088290000	FAE II Operating LLC	STATE A A/C 2 #43	3885	GAS	[24130] EUNICE;SEVEN RIVERS- QUEEN, SOUTH ; [33820] JALUMA T-TAN -VATES- 7 RVRs (OIL) ; [79240] JALUMA T-TAN -VATES- 7 RVRs (GAS)	927.03	12/17/1936	2/10/1937	225	36E	8	1980 FEL 1980 FNL
30025088360000	PETROHAWK OPERATING COMPANY	STATE A A/C 2 #37	3912	PLUGGAS	PLUGGED	946.75	11/11/1946	2/9/1947	225	36E	8	1980 FNL 1980 FSL
30025088390000	SUN EXPLORATION & PRODUCTION COMPANY	STATE A A/C 2 #51	3867	PLUGOIL	PLUGGED	947.21	11/9/1960	11/30/1960	225	36E	8	1980 FNL 1980 FNL
30025333070000	FAE II Operating LLC	STATE A A/C 2 #61	3949	OIL	[24130] EUNICE;SEVEN RIVERS- QUEEN, SOUTH	1064.89	5/14/1970	7/25/1970	225	36E	8	1780 FEL 1980 FSL
30025379100000	BLACKBEARD OPERATING, LLC	STATE A A/C 2 #95	4065	PLUGGAS	PLUGGED	1098.37	8/27/2006	10/23/2006	225	36E	8	1780 FNL 1980 FNL
NU 225-36E 8J	FAE II Operating LLC	STATE A A/C 2 #108	4300	LOC-INI	Location-Injector	1252.5	TBD	TBD	225	36E	8	1383 FSL 2563 FEL
30025282780000	FAE II Operating LLC	STATE A A/C 2 #69	3900	TA	[24130] EUNICE;SEVEN RIVERS- QUEEN, SOUTH	1329.83	9/8/1983	10/8/1983	225	36E	8	1295 FEL 2615 FSL
NU 225-36E 888	FAE II Operating LLC	STATE A A/C 2 #102	4300	LOC-INI	Location-Injector	1348.3	TBD	TBD	225	36E	8	1282 FNL 2610 FEL
30025282790000	FAE II Operating LLC	STATE A A/C 2 #70	3900	GAS	[24130] EUNICE;SEVEN RIVERS- QUEEN, SOUTH ; [79240] JALUMA T-TAN -VATES- 7 RVRs (GAS)	1884.21	8/25/1983	11/1/1983	225	36E	8	1295 FEL 1295 FSL
30025088370000	FAE II Operating LLC	STATE A A/C 2 #43	3640	GAS	[79240] JALUMA T-TAN -VATES- 7 RVRs (GAS)	1911.76	10/14/1957	11/9/1957	225	36E	8	990 FEL 1650 FNL
NU 225-36E 8C	FAE II Operating LLC	STATE A A/C 2 #103	4300	LOC-INI	Location-Injector	1919.8	TBD	TBD	225	36E	8	1229 FNL 1360 FNL
30025282730000	FAE II Operating LLC	STATE A A/C 2 #64	3900	TA	[24130] EUNICE;SEVEN RIVERS- QUEEN, SOUTH	1956.95	8/13/1983	10/25/1983	225	36E	8	1250 FEL 1250 FNL
NU 225-36E 8KK	FAE II Operating LLC	STATE A A/C 2 #109	4300	LOC-INI	Location-Injector	1980.26	TBD	TBD	225	36E	8	1231 FSL 1243 FNL
30025380290000	FAE II Operating LLC	STATE A A/C 2 #92	3812	GAS	[79240] JALUMA T-TAN -VATES- 7 RVRs (GAS)	2037.23	9/12/2006	12/2/2006	225	36E	8	2180 FNL 660 FSL
30025088330000	FAE II Operating LLC	STATE A A/C 2 #24	3889	GAS	[24130] EUNICE;SEVEN RIVERS- QUEEN, SOUTH ; [79240] JALUMA T-TAN -VATES- 7 RVRs (GAS)	2067.37	12/16/1942	1/17/1943	225	36E	8	660 FEL 1980 FSL
30025088320000	FAE II Operating LLC	STATE A A/C 2 #23	3870	OIL	[24130] EUNICE;SEVEN RIVERS- QUEEN, SOUTH ; [79240] JALUMA T-TAN -VATES- 7 RVRs (GAS)	2070.57	11/2/1942	12/3/1942	225	36E	8	660 FEL 1980 FNL
30025088410000	FAE II Operating LLC	STATE A A/C 2 #54	3863	GAS	[24130] EUNICE;SEVEN RIVERS- QUEEN, SOUTH ; [79240] JALUMA T-TAN -VATES- 7 RVRs (GAS)	2076.7	2/12/1961	3/1/1961	225	36E	8	1980 FEL 660 FSL
30025088350000	FAE II Operating LLC	STATE A A/C 2 #26	3890	GAS	[24130] EUNICE;SEVEN RIVERS- QUEEN, SOUTH ; [79240] JALUMA T-TAN -VATES- 7 RVRs (GAS)	2088.88	2/9/1943	3/16/1943	225	36E	8	1980 FEL 660 FNL
3002509780000	CLAYTON WILLIAMS ENERGY INCORPORATED	STATE A A/C 2 #58	3928	PLUGOIL	PLUGGED	2092.25	10/1/1964	10/17/1964	225	36E	8	660 FNL 2030 FSL
30025088440000	CLAYTON WILLIAMS ENERGY INCORPORATED	STATE A A/C 2 #53	3886	PLUGOIL	PLUGGED	2093.8	2/4/1961	2/20/1961	225	36E	8	1980 FNL 660 FSL
30025088380000	CLAYTON WILLIAMS ENERGY INCORPORATED	STATE A A/C 2 #49	3870	PLUGOIL	PLUGGED	2098.81	9/13/1960	9/28/1960	225	36E	8	1980 FNL 660 FNL
30025346720000	FAE II Operating LLC	STATE A A/C 2 #76	4065	PLUGGAS	PLUGGED	2099.64	3/9/2000	8/11/2001	225	36E	8	660 FNL 1980 FNL
30025379090000	BLACKBEARD OPERATING, LLC	STATE A A/C 2 #94	4072	PLUGGAS	PLUGGED	2123.54	8/15/2006	10/11/2006	225	36E	8	660 FNL 1930 FSL

Exhibit B13

STATE A A/C 2 #108

UWI/API	OPERATOR	WELL LABEL	ID	WELL TYPE	CURRENT ZONE	Distance from STATE A A/C 2 #108 (Feet)	SPUD DATE	COMP DATE	TOWNSHIP	RANGE	SECTION	FOOTAGE
NU 225-36E-81I	FAE II Operating LLC	STATE A A/C 2 #108	4300	LOC-INI	Location-Injector	0	TBD	TBD	225	36E	8	1383 FSL 2563 FSL
30025088430000	CLAYTON WILLIAMS ENERGY INCORPORATED	STATE A A/C 2 #56	3853	PLUGGAS	PLUGGED	841.52	8/6/1961	9/21/1961	225	36E	8	1980 FEL 1980 FSL
30025380290000	FAE II Operating LLC	STATE A A/C 2 #92	3812	GAS	[24130] EUNICE; SEVEN RIVERS-QUEEN, SOUTH ; [79240] JALMAT; TAN-YATES-7 RVR8 (GAS)	906.23	9/12/2006	12/2/2006	225	36E	8	2180 FWL 660 FSL
30025088410000	FAE II Operating LLC	STATE A A/C 2 #54	3863	GAS	[24130] EUNICE; SEVEN RIVERS-QUEEN, SOUTH ; [79240] JALMAT; TAN-YATES-7 RVR8 (GAS)	933.72	2/12/1961	3/1/1961	225	36E	8	1980 FEL 660 FSL
30025088360000	PETROHAWK OPERATING COMPANY	STATE A A/C 2 #37	3912	PLUGGAS	PLUGGED	940.92	11/11/1946	2/9/1947	225	36E	8	1980 FWL 1980 FSL
30025235070000	FAE II Operating LLC	STATE A A/C 2 #61	3949	OIL	[24130] EUNICE; SEVEN RIVERS-QUEEN, SOUTH	992.36	5/14/1970	7/25/1970	225	36E	8	1780 FEL 1980 FSL
30025088400000	CLAYTON WILLIAMS ENERGY INCORPORATED	STATE A A/C 2 #53	3886	PLUGOIL	PLUGGED	1038.25	2/4/1961	2/20/1961	225	36E	8	1980 FWL 660 FSL
NU 225-36E-86G	FAE II Operating LLC	STATE A A/C 2 #107	4300	LOC-INI	Location-Injector	1252.5	TBD	TBD	225	36E	8	2631 FNL 2616 FSL
30025282790000	FAE II Operating LLC	STATE A A/C 2 #70	3900	GAS	[24130] EUNICE; SEVEN RIVERS-QUEEN, SOUTH ; [79240] JALMAT; TAN-YATES-7 RVR8 (GAS)	1278.09	8/25/1983	11/1/1983	225	36E	8	1295 FEL 1295 FSL
NU 225-36E-8KK	FAE II Operating LLC	STATE A A/C 2 #109	4300	LOC-INI	Location-Injector	1471.98	TBD	TBD	225	36E	8	1231 FSL 1243 FWL
30025282780000	FAE II Operating LLC	STATE A A/C 2 #69	3900	TA	[24130] EUNICE; SEVEN RIVERS-QUEEN, SOUTH	1776.77	9/8/1983	10/8/1983	225	36E	8	1295 FEL 2615 FSL
NU 225-36E-8FF	FAE II Operating LLC	STATE A A/C 2 #106	4300	LOC-INI	Location-Injector	1897.81	TBD	TBD	225	36E	8	2616 FSL 1270 FWL
30025233890000	BRECK OPERATING CORPORATION	STATE H 3	3850	PLUGOIL	PLUGGED	1943.72	12/19/1969	1/18/1970	225	36E	17	1650 FEL 330 FNL
30025088330000	FAE II Operating LLC	STATE A A/C 2 #24	3889	GAS	[24130] EUNICE; SEVEN RIVERS-QUEEN, SOUTH ; [79240] JALMAT; TAN-YATES-7 RVR8 (GAS)	2003.63	12/16/1942	1/17/1943	225	36E	8	660 FEL 1980 FSL
30025088290000	FAE II Operating LLC	STATE A A/C 2 #3	3885	GAS	[24130] EUNICE; SEVEN RIVERS-QUEEN, SOUTH ; [33820] JALMAT; TAN-YATES-7 RVR8 (GAS)	2007.31	12/17/1936	2/10/1937	225	36E	8	1980 FEL 1980 FNL
30025088420000	CLAYTON WILLIAMS ENERGY INCORPORATED	STATE A A/C 2 #55	3850	PLUGOIL	PLUGGED	2041.92	3/28/1961	4/14/1961	225	36E	8	660 FEL 660 FSL
30025088390000	SUN EXPLORATION & PRODUCTION COMPANY	STATE A A/C 2 #51	3867	PLUGOIL	PLUGGED	2053.69	11/9/1960	11/30/1960	225	36E	8	1980 FWL 1980 FNL
30025379090000	BLACKBEARD OPERATING, LLC	STATE A A/C 2 #94	4022	PLUGGAS	PLUGGED	2122.38	8/15/2006	10/11/2006	225	36E	8	660 FWL 1930 FSL
30025282590000	FAE II Operating LLC	STATE H 6	3830	OIL	[33820] JALMAT; TAN-YATES-7 RVR8 (OIL)	2127.81	2/1/2007	5/22/2007	225	36E	17	1980 FEL 660 FSL
30025282590000	BLACKBEARD OPERATING, LLC	STATE A A/C 2 #95	4055	PLUGGAS	PLUGGED	2133.04	8/27/2006	10/23/2006	225	36E	8	1780 FWL 1980 FNL
30025282590000	CLAYTON WILLIAMS ENERGY INCORPORATED	STATE A A/C 2 #58	3928	PLUGOIL	PLUGGED	2149.04	10/1/1964	10/17/1964	225	36E	8	660 FWL 2030 FSL
30025088310000	CLAYTON WILLIAMS ENERGY INCORPORATED	STATE A A/C 2 #10	3840	PLUGOIL	PLUGGED	2501.21	3/20/1938	4/25/1938	225	36E	8	330 FWL 660 FSL
30025345290000	FAE II Operating LLC	STATE H 5	4000	OIL	[33820] JALMAT; TAN-YATES-7 RVR8 (OIL)	2562.41	11/19/1998	12/31/1998	225	36E	17	660 FEL 330 FSL
30025282800000	MERIT ENERGY COMPANY	STATE A A/C 2 #71	3900	PLUGINI	PLUGGED	2597.59	9/18/1983	10/29/1983	225	36E	9	25 FWL 1295 FSL
U 225-36E-88B	FAE II Operating LLC	STATE A A/C 2 #102	4300	LOC-INI	Location-Injector	2600.1	TBD	TBD	225	36E	8	1282 FNL 2610 FSL

Exhibit B14

STATE A A/C 2 #109

UWI/API	OPERATOR	WELL LABEL	ID	WELL TYPE	CURRENT ZONE	Distance from STATE A A/C 2 #109 (Feet)	SPUD DATE	COMP DATE	TOWNSHIP	RANGE	SECTION	FOOTAGE
NU 225-36E-8KK	FAE II Operating LLC	STATE A A/C 2 #109	4300	LOC-INJ	Location-Injector	0	TBD	TBD	22S	36E	8	1231 FSL 1243 FWL
30025379090000	BLACKBEARD OPERATING, LLC	STATE A A/C 2 #94	4022	PLUGGAS	PLUGGED	894.26	8/15/2006	10/11/2006	22S	36E	8	660 FWL 1930 FSL
30025088400000	CLAYTON WILLIAMS ENERGY INCORPORATED	STATE A A/C 2 #53	3886	PLUGOIL	PLUGGED	932.71	2/4/1961	2/20/1961	22S	36E	8	1980 FWL 660 FSL
30025209780000	CLAYTON WILLIAMS ENERGY INCORPORATED	STATE A A/C 2 #58	3928	PLUGOIL	PLUGGED	970.26	10/11/1964	10/17/1964	22S	36E	8	660 FWL 2030 FSL
30025088360000	PETROHAWK OPERATING COMPANY	STATE A A/C 2 #37	3912	PLUGGAS	PLUGGED	1033.53	11/11/1946	2/9/1947	22S	36E	8	1980 FWL 1980 FSL
30025380290000	FAE II Operating LLC	STATE A A/C 2 #92	3812	GAS	[79240] JALMAT; TAN-VATES-7 RVRIS (GAS)	1095.98	9/12/2006	12/2/2006	22S	36E	8	2180 FWL 660 FSL
30025088310000	CLAYTON WILLIAMS ENERGY INCORPORATED	STATE A A/C 2 #10	3840	PLUGOIL	PLUGGED	1101.71	3/20/1938	4/25/1938	22S	36E	8	330 FWL 660 FSL
NU 225-36E-8JF	FAE II Operating LLC	STATE A A/C 2 #106	4300	LOC-INJ	Location-Injector	1385.06	TBD	TBD	22S	36E	8	2616 FSL 1270 FWL
NU 225-36E-8JL	FAE II Operating LLC	STATE A A/C 2 #108	4300	LOC-INJ	Location-Injector	1471.98	TBD	TBD	22S	36E	8	2631 FSL 2563 FSL
NU 225-36E-8JG	FAE II Operating LLC	STATE A A/C 2 #107	4300	LOC-INJ	Location-Injector	1980.26	TBD	TBD	22S	36E	8	1883 FSL 2616 FSL
30025088210000	MISSION RESOURCES CORPORATION	STATE A A/C 2 #8	3838	PLUGOIL	PLUGGED	2006.25	1/18/1938	3/12/1938	22S	36E	7	660 FEL 660 FSL
30025089370000	CONOCO INC	STATE E #3	3877	PLUGOIL	PLUGGED	2007.8	1/20/1938	3/12/1938	22S	36E	17	660 FWL 660 FWL
30025088240000	CLAYTON WILLIAMS ENERGY INCORPORATED	STATE A A/C 2 #12	3850	PLUGOIL	PLUGGED	2038.98	4/28/1938	6/12/1938	22S	36E	7	660 FEL 1980 FSL
30025379100000	BLACKBEARD OPERATING, LLC	STATE A A/C 2 #95	4065	PLUGGAS	PLUGGED	2130.69	8/27/2006	10/23/2006	22S	36E	8	1780 FWL 1980 FNL
30025088410000	FAE II Operating LLC	STATE A A/C 2 #54	3863	GAS	[24130] EUNICE; SEVEN RIVERS-QUEEN, SOUTH ; [79240] JALMAT; TAN-VATES-7 RVRIS (GAS)	2138.55	2/12/1961	3/1/1961	22S	36E	8	1980 FEL 660 FSL
30025346720000	FAE II Operating LLC	STATE A A/C 2 #76	4065	PLUGGAS	PLUGGED	2139.48	3/9/2000	8/11/2001	22S	36E	8	660 FWL 1980 FNL
30025088430000	CLAYTON WILLIAMS ENERGY INCORPORATED	STATE A A/C 2 #56	3853	PLUGGAS	PLUGGED	2185.03	8/6/1961	9/21/1961	22S	36E	8	1980 FEL 1980 FSL
025088390000	SUN EXPLORATION & PRODUCTION COMPANY	STATE A A/C 2 #51	3867	PLUGOIL	PLUGGED	2189.86	11/9/1960	11/30/1960	22S	36E	8	1980 FWL 1980 FNL
02535070000	FAE II Operating LLC	STATE A A/C 2 #61	3949	OIL	[24130] EUNICE; SEVEN RIVERS-QUEEN, SOUTH	2372.95	5/14/1970	7/25/1970	22S	36E	8	1780 FEL 1980 FSL

Part VI. Continued

Plugged Wellbore Diagrams

VI. Exhibit C1

J F JANDA NCT B #4

API# 30-025-04876
 1980 FEL 660 FSL,
 Sec 32, T21S, R36E Lea Co., NM

Perf & Sqz 45sx plug
 from 50' to Surface.

GE 3614'
 KDB to GE 12.7'
 DF to GE _____

Date Completed 10/7/57
 Initial Formation Yates / Queen
 From: 3778 to 3856 GOR 6.50
 Initial: Production F 223 BOPD 0 BWPD _____
 Or: Injection _____ BWPD @ _____ psig
 Completion Data:
~~- Perf - 3778-3788, 3794-3801, 3814-3856 w/4 1/2" JHPF~~
~~- SQZ 3778-3856 w/500 gals mud acid~~
~~- Frac w/24,000 gals ref oil w/1" SPS~~

12 1/4"

Perf & Sqz 40sx plug
 from 380'-480',
 covering 8-5/8" shoe.

8 5/8" OD 24 # 8 Thd
Gr. J-55, SS Csg.
 set @ 430' w/ 325 sx.
 Cmt Circ.? Yes (25 sx)
 TOC @ Surf' by _____

20 sx plug from 1390'-1630',
 covers salt zone

Subsequent Workover or Reconditioning:

5-62 Perf 3396-3411'
~~- SQZ 500 gals MCA 3396-3411'~~
~~- Frac w/10,000 gals ref oil w/1/4" Ado M-11 &~~
~~3* SPS w/4 1/4" RCNB sealers after 1st~~
~~5000 gals.~~
~~- Dual complete Jalmat & Eunice So.~~
~~7-69 Commingle Jalmat & Eunice So. in Wellbore~~
~~4-70 Acidz w/500 gals 15% NEA~~
~~6-74 CD & replace BOP tbg~~
~~1-82 Dump Acid job; 1000 gals NEFE~~

All plugs are Class C Neat
 mixed at 14.8 ppg, 1.32
 CU/FT sx. Displace hole
 w/9.5 ppg mud laden fluid.
 Pull dead man anchors, fill
 pits, level location, place
 P&A marker & change
 status of well to P&A
 1/9/1995.

TOC @ 3110'
 CIBP @ 3350' w/25sx on top

3396-3411'

3778-88'

3794-3801'

3814-3856'

w/4
 1/2" JHPF

7 7/8" PBTD 3875'

5 1/2" OD 14 # 8 Thd
Gr. H-40, J-55, SS Csg.
 set @ 3879' w/ 850 sx.
 Cmt Circ.? No
 TOC @ 920' by IS

Formation Tops	
RSLR	1489'
T/salt	1580'
B/salt	3120'
Yates	3200'
Queen	3812'

PBD 3875'
 TD 3880'

VI. Exhibit C2

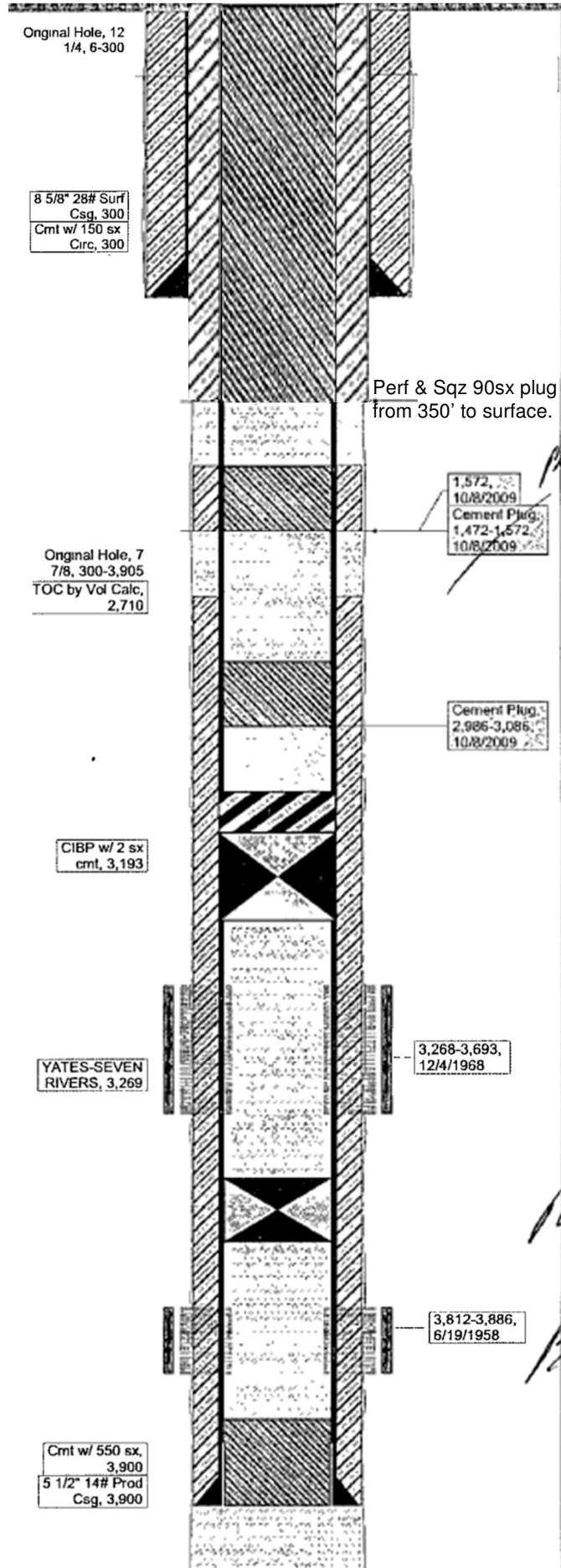
SHELL STATE #1

API# 30-025-04878
2310 FWL 660 FSL,
Sec 32, T21S, R36E Lea Co., NM

10/26/2009: MIRU PU & SE.
NDWH & NUBOP. PU RIH w/tbh
and tag @ 3086'. Circ brine &
plugging mud. Pumped 25 sxs
from 3086'-2839'. POOH w/tbg.
SD.

10/27/2009: Perforate @ 1522'
Sqzd 40 sxs cement from 1522'-
1422'. WOC & tag @ 1370'.
Perforate 350'. Sqzd 90 sxs
cement 350' to surface. RDMO.

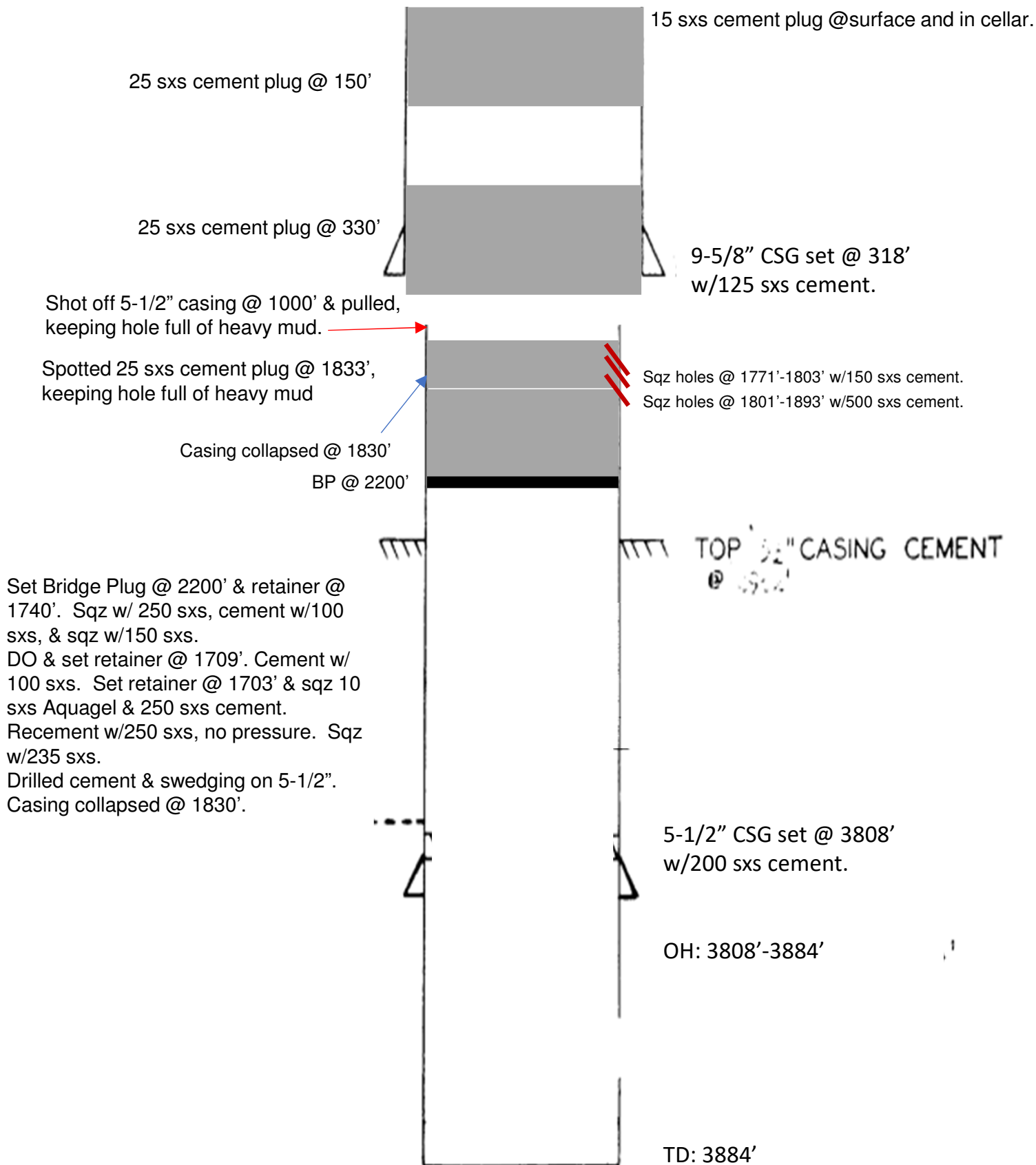
Well P&A'd on 10/27/2009.



VI. Exhibit C3

STATE 157 G #1

API# 30-025-08785
660 FEL 1980 FNL,
Sec 5, T22S, R36E Lea Co., NM



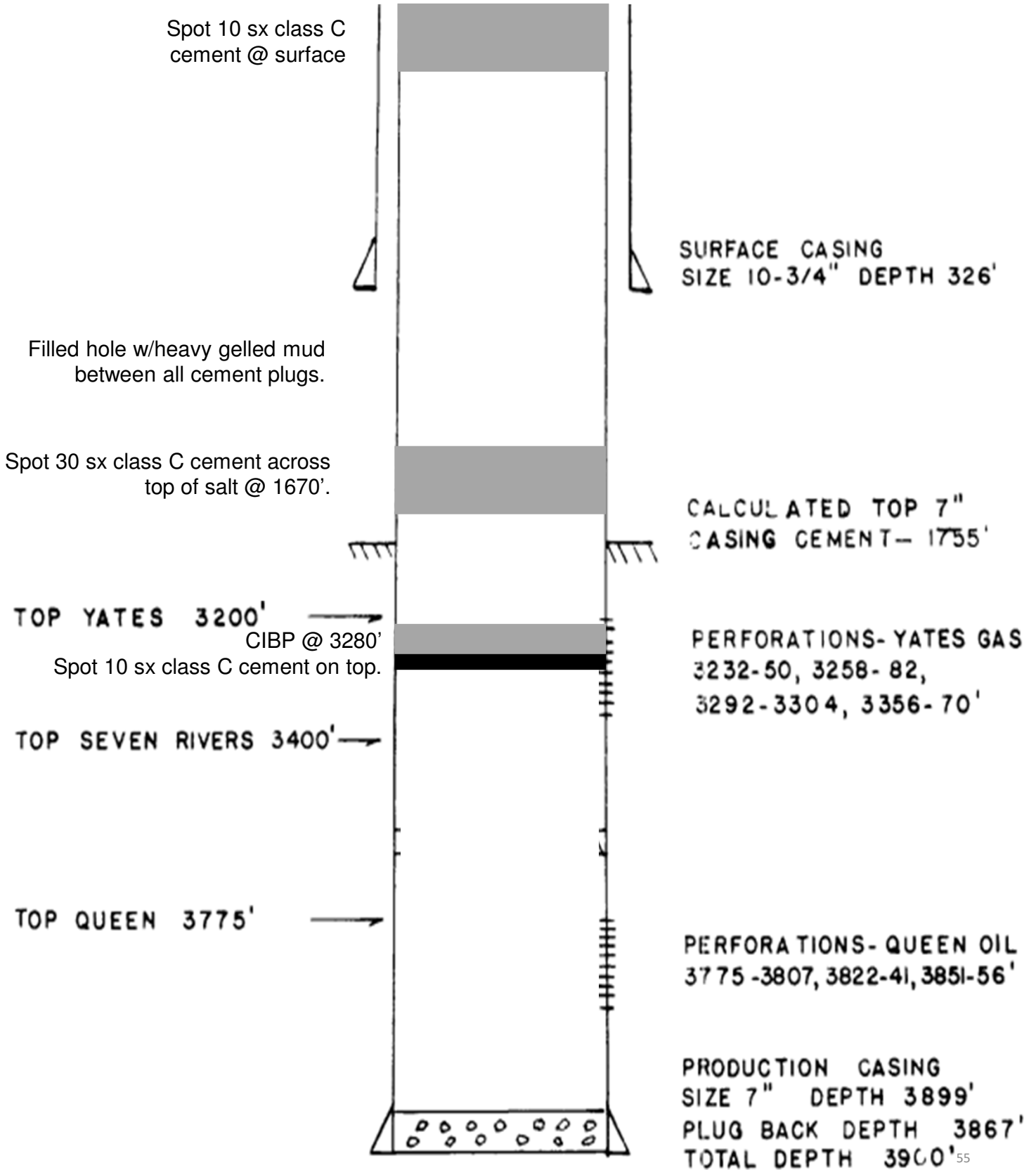
VI. Exhibit C4

STATE 157 G #1Y

API# 30-025-08786

810 FEL 1980 FNL,

Sec 5, T22S, R36E Lea Co., NM



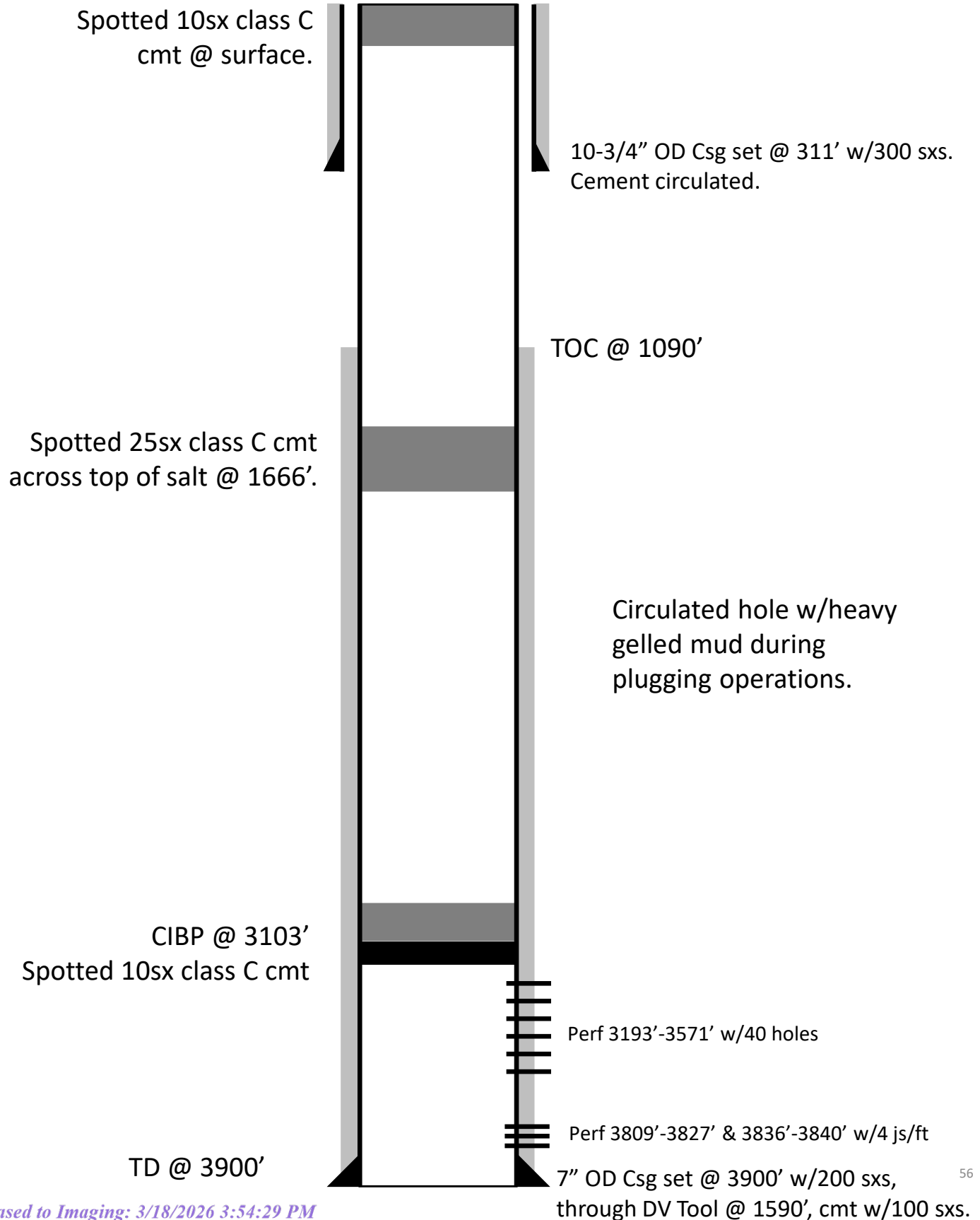
VI. Exhibit C5

STATE 157-G #3

API# 30-025-08788

990 FEL 990 FNL,

Sec 5, T22S, R36E Lea Co., NM



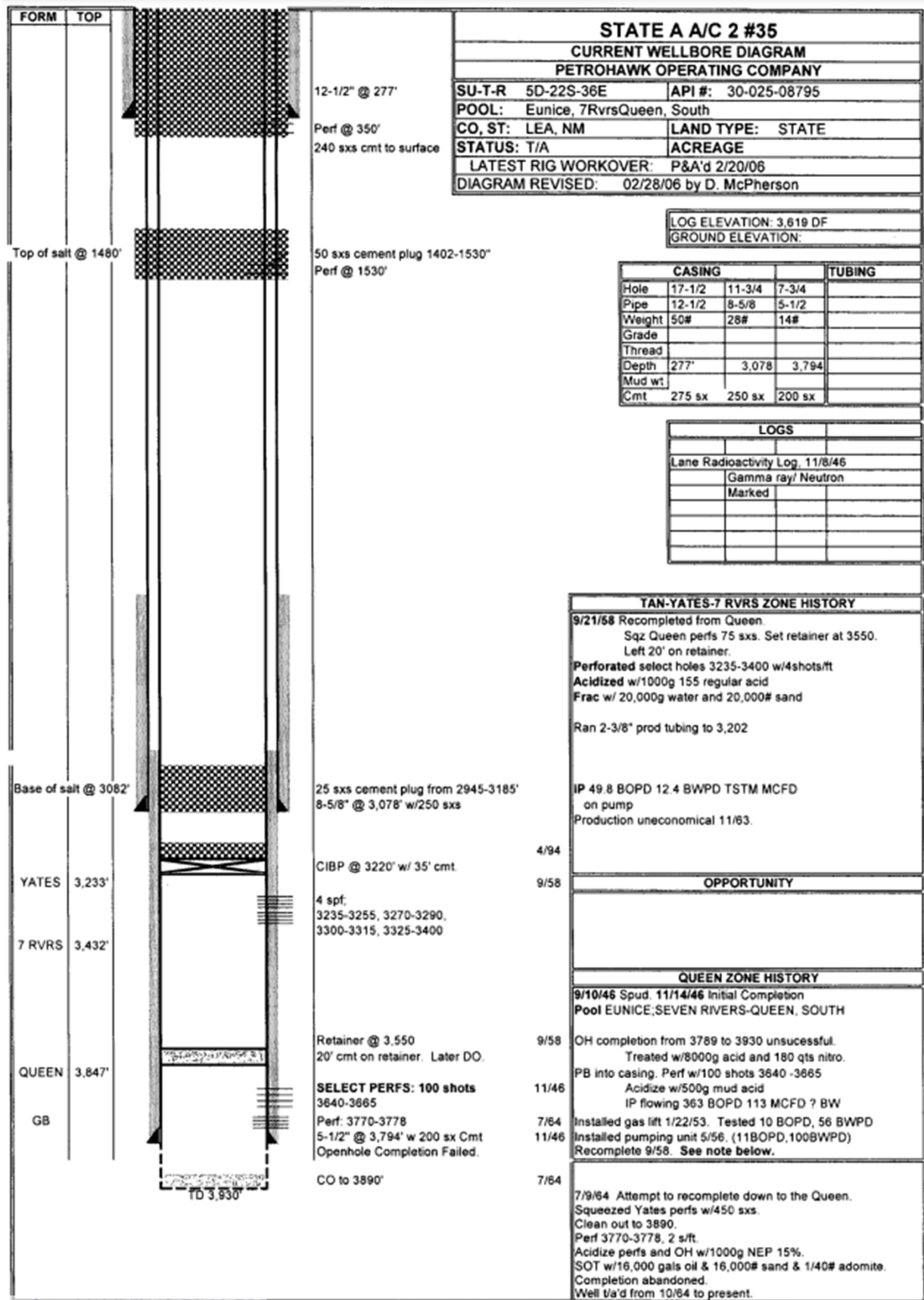
VI. Exhibit C6

STATE A A/C 2 #35

API# 30-025-08795

330 FWL 660 FNL,

Sec 5, T22S, R36E Lea Co., NM



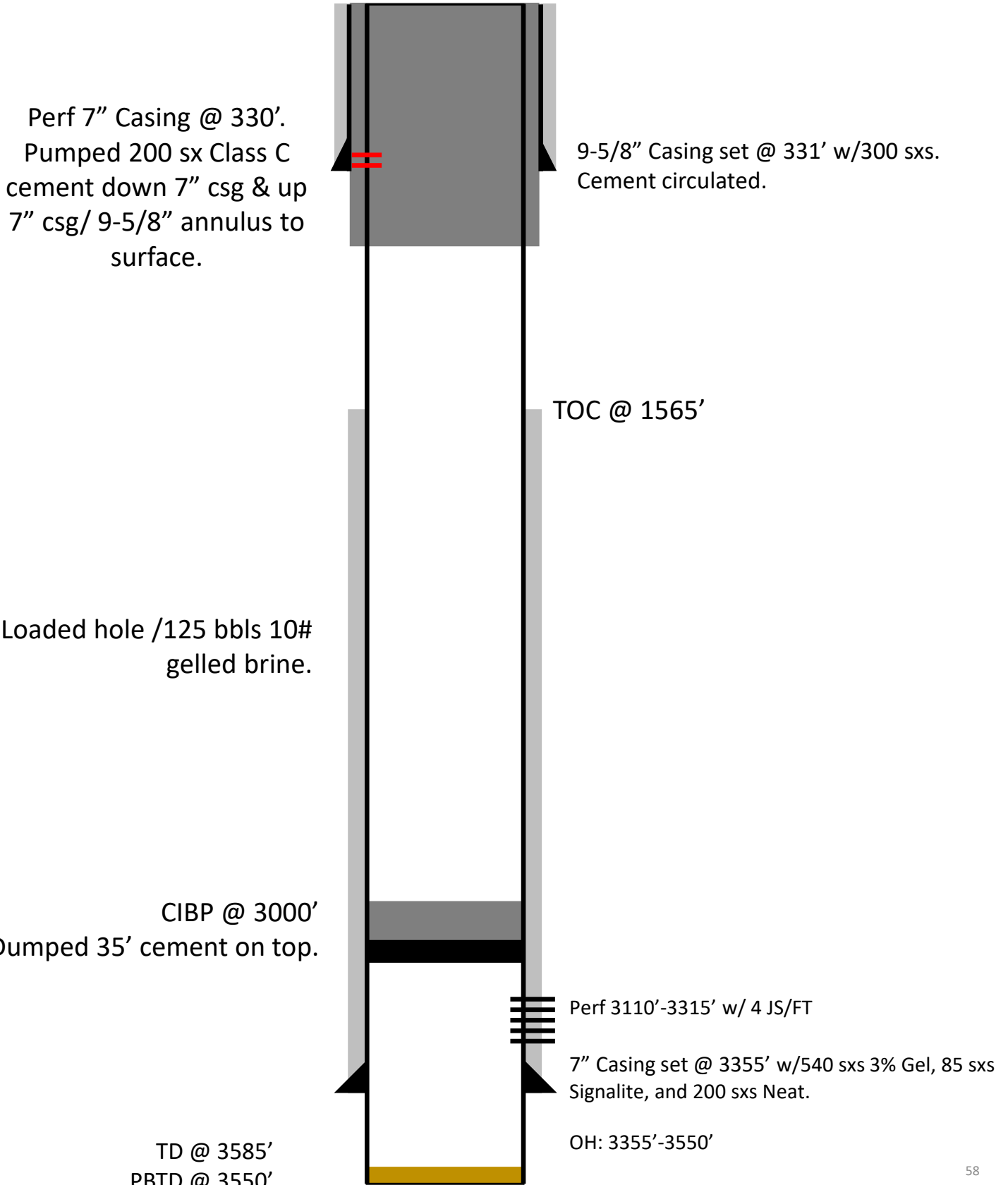
VI. Exhibit C7

STATE A AC 2 #41

API# 30-025-08796

660 FWL 660 FSL,

Sec 5, T22S, R36E Lea Co., NM



VI. Exhibit C8

STATE A AC 2 #45

API# 30-025-08799

1980 FWL 1980 FSL,

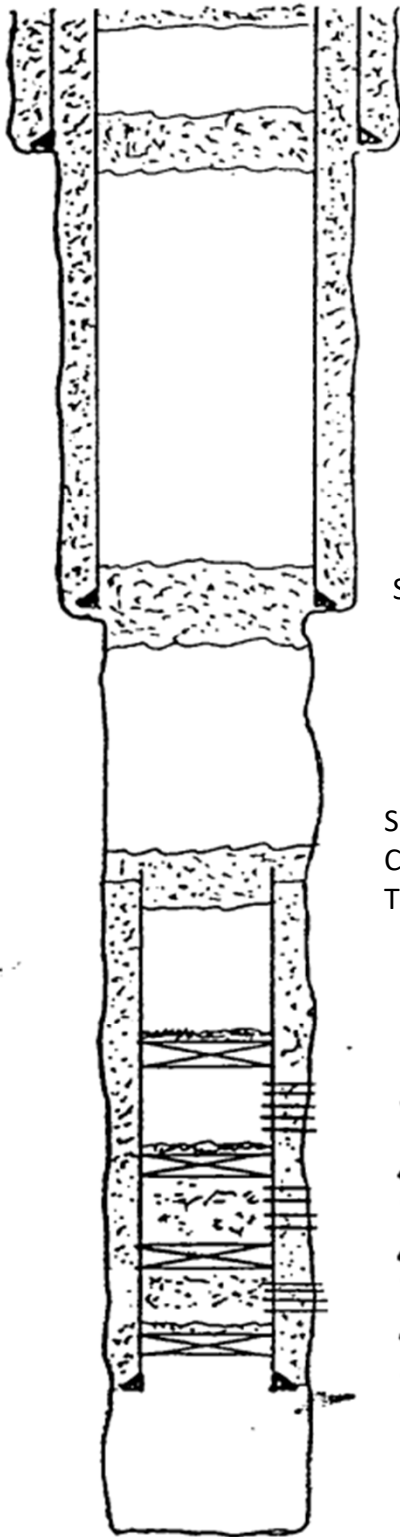
Sec 5, T22S, R36E Lea Co., NM

WELL COMPLETE & SKETCHES		LOCATION Sec 5-22S-36E 1980' FSL + 1980' FW	
WELL # 45-K A/C-2	FIELD Eunice - SR - Q, South	DATE 3-18-92	
<input type="checkbox"/> PRESENT COMPLETION		<input checked="" type="checkbox"/> COMPLETION for P+A	
PERMANENT WELL BORE DATA	Ground Level		WELL HISTORY
Pumped 200 sx Class C w/ 2% CaCl2 down 7" & up 7"/9-5/8" annulus. Circ 60 sx to pits.			5/60-OH compl 3766-3850 Vibrofrac 3839-44 S.O.T. w/ 10000 gal oil + 10000 #
9 5/8" 32# @ 318' cmt w/ 300 sx to Surface			10/62 - Put on Pump
Tops: Tansill - 3044 Yates - 3176 Seven Rivers - 3380 Queen - 3763			10/90 - Attempt to Pull tbg tbg Stuck - RD
Sting into retainer. Sqz 300 sx Class C w/ 2% CaCl2 below retainer. Parted Csg @ 2540'			12/90 - Cut tbg @ 2520 Impression Block Indica 7" Csg is Parted + Shifted Fish Fell to Bottom.
2 3/8" tbg "fish" from 2545 to 3850'			P+A Procedure: 1) Set Cmt Ret @ 2460 Sqz 300 sx Cmt below R. 2) circulate 9.5 PPG Mud 3) Perf @ 400' 4) Circ cmt to Surface in 9 5/8" Annulus and Inside 7" Csg 5) Cut Csg 3' below G. and Set P+A Marke * * * * Plugged and Fixed * as Proposed 3-18-92 * * * *
7" 20# @ 3766' cmt w/ 250 sx to T.O.C. @ 2580 by Temp. Survey			

VI. Exhibit C9

TOM CLOSSON #8

API# 30-025-08808
990 FEL 660 FNL,
Sec 6, T22S, R36E Lea Co., NM



10 sxs class "C" surface plug.

12 1/2" @ 273'. Cut with 225 sx. TOC = surf (calc)

Spot 35 sxs class C plug from 325'-225'.

Spot 50 sxs class C plug from 1660'-1540' (across 9-5/8" shoe) and tag.

Spot 40 sxs class C plug from 2965'-2835' (across TOC & Top of Stub).
Cut 7" csg above TOC & POH w/7" csg.
TOC @ +/-2900'

CIBP @ 3100' w/35' cmt on top

Perfs 3140' - 3295' (Yatrs)

CIBP @ 3315' w/35' cmt on top

Perfs 3314' - 3491' Squeezed with 235 sx

cut act @ 3496' squeeze with 100 sx

Perfs 3502' - 3524'

CIBP @ 3714' 20' cut on top of CIBP.

7" @ 3760'. Cut with 150 sx

TO: 3845'

VI. Exhibit C10

STATE A A/C 2 #8

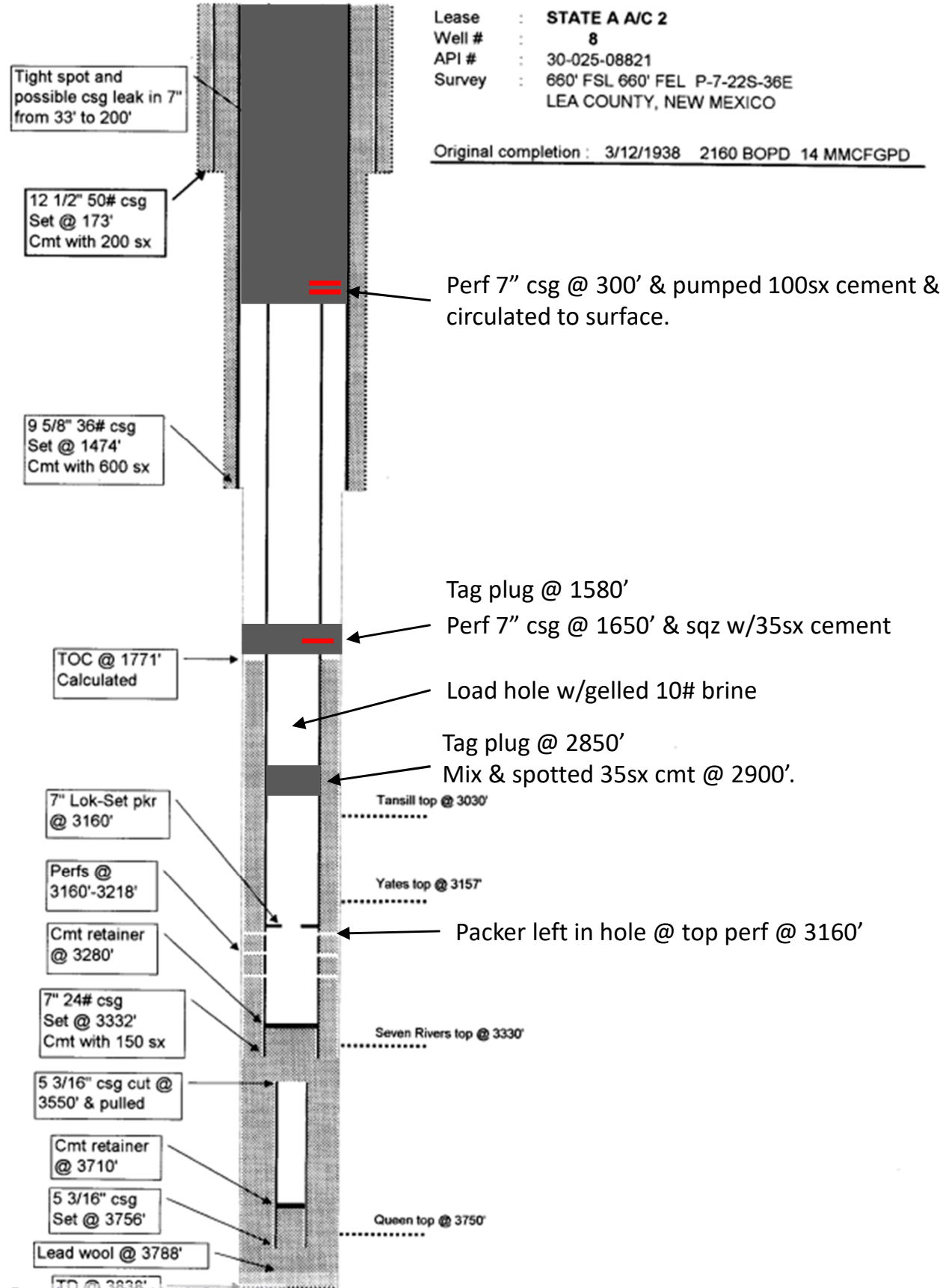
API# 30-025-08821

660 FEL 660 FSL,

Sec 7, T22S, R36E Lea Co., NM

Lease : STATE A A/C 2
 Well # : 8
 API # : 30-025-08821
 Survey : 660' FSL 660' FEL P-7-22S-36E
 LEA COUNTY, NEW MEXICO

Original completion : 3/12/1938 2160 BOPD 14 MMCFGPD



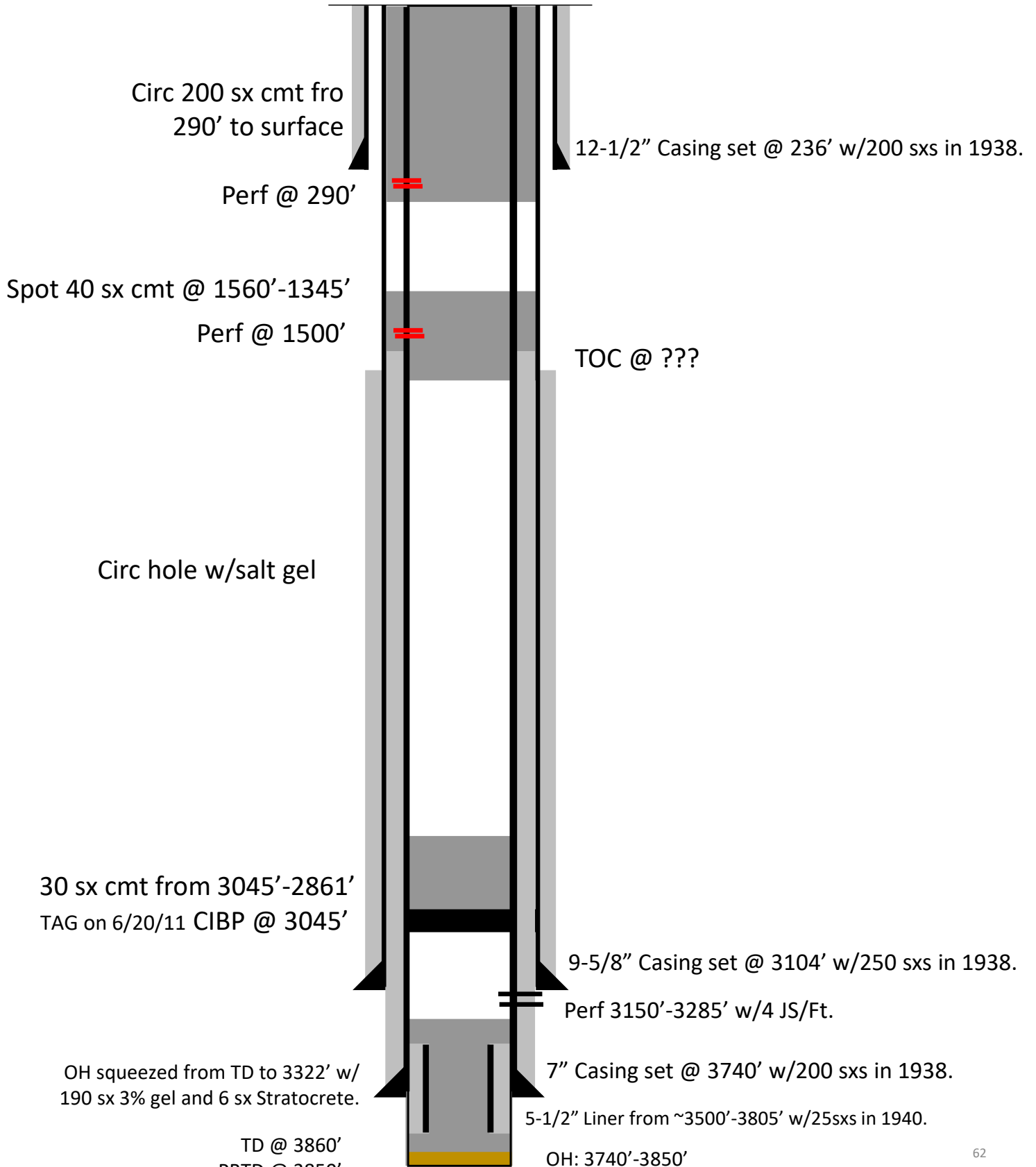
VI. Exhibit C11

STATE A A/C 2 #11

API# 30-025-08823

660 FEL 1980 FNL,

Sec 7, T22S, R36E Lea Co., NM



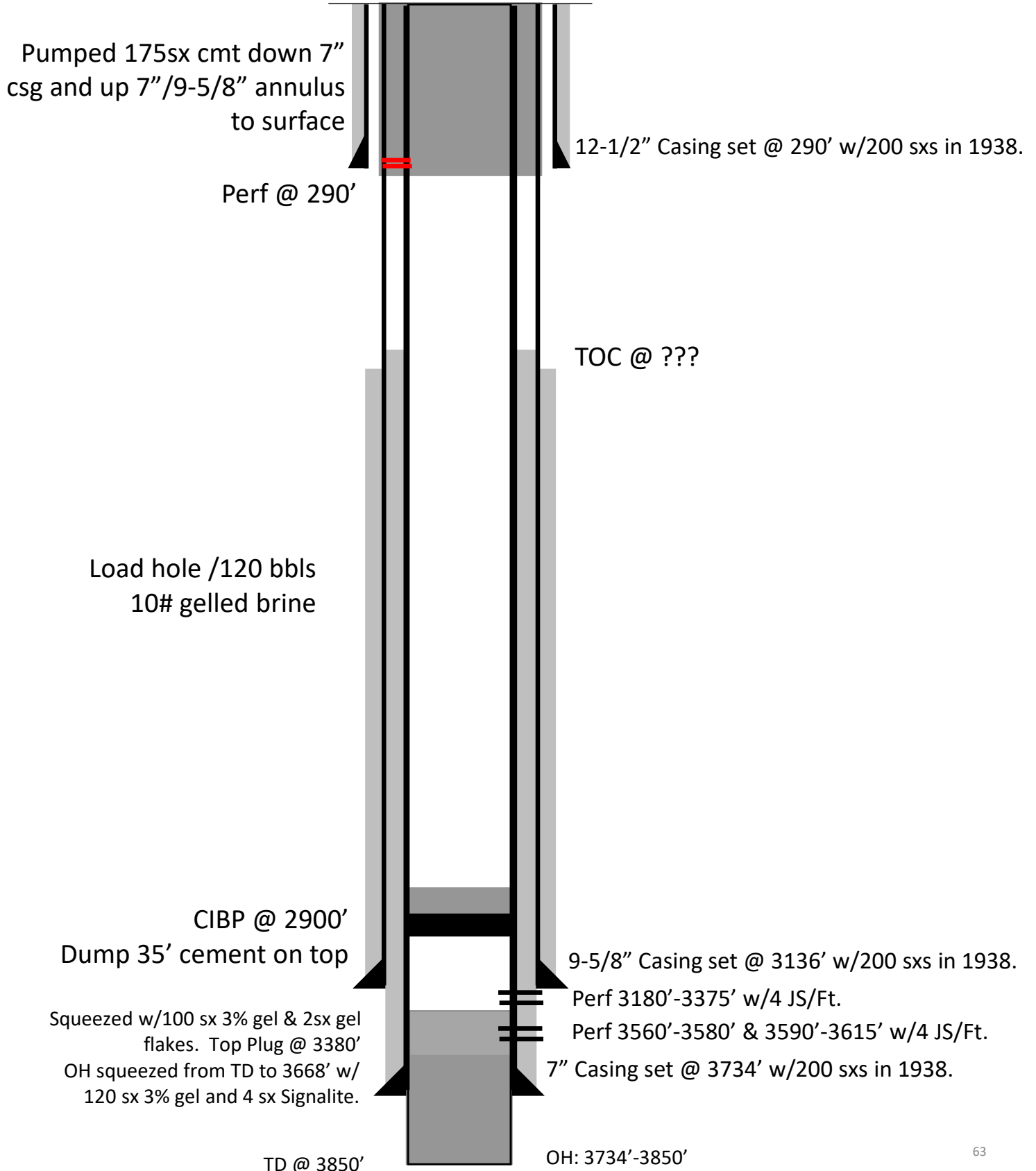
VI. Exhibit C12

STATE A A/C 2 #12

API# 30-025-08824

660 FEL 1980 FSL,

Sec 7, T22S, R36E Lea Co., NM



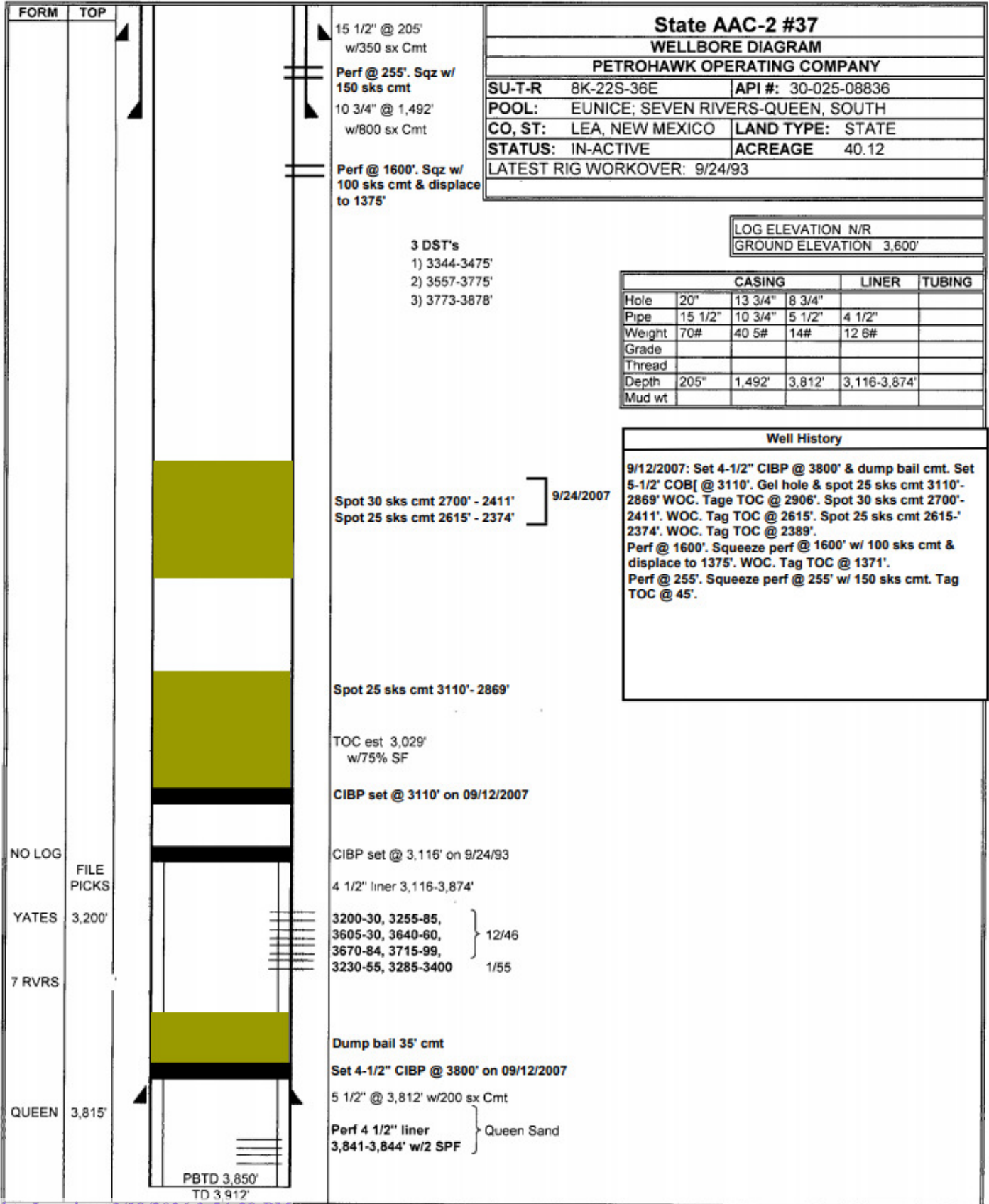
VI. Exhibit C14

State A A/C 2 #37

API# 30-025-08836

1980 FSL 1980 FWL,

Sec 8, T22S, R36E Lea Co., NM



VI. Exhibit C15

STATE A AC 2 #49

API# 30-025-08838

1980 FWL 660 FNL,

Sec 8, T22S, R36E Lea Co., NM

WELL COMPLETION SKETCHES		LOCATION
WELL Account 2 #49	FIELD Jalmat - TNSH - YTS - 7R	Sec 8 - 22S - 36E 1980' FWL + 660' FNL
<input type="checkbox"/> PRESENT COMPLETION		<input checked="" type="checkbox"/> COMPLETION
PERMANENT WELL BORE DATA		DATE 6-8-94
Circ 80 sx cement down 5-1/2" & up 5-1/2"/8-5/8" annulus to surface.		
8 5/8" 24# @ 316' cmtw/300sx		
Tops: Tansill - 3028 Yates - 3187 Seven Rivers - 3384 Queen - 3823		
35' cement on CIBP @ 3050'		
5 1/2" 14# @ 3775' cmtw/350sx		
		<p>9/60 - OH compl 3775-3870 Vibrofrac 3855-60 S.O.T w/20000g oil + 20000#sd 1/65 - Perf 3074-3383 Set BKR MdI "D" @ 3750' Set RBP @ 3435 Acid 3074-3383 w/2500g S.O.T 3074-3383 w/25000g oil + 25000#sd Pull RBP @ 3435 Swabb Test Re.S.O.T 3074-3383 w/30000g + 30000#sd. Complete As Dual 12/72 - Cuttbg @ 3725' Set CIBP @ 3422 Run 2 3/8" and 1" tbg on Dual B: Acid w/750g 15% Put 2 7/8" on Pump 9/03 - LD Rods + Tbg Set CIBP @ 3050' w/35' cement on CIBP Proposed P+A Procedure 1) CIBP @ 3050' (9/93) 2) Circ 10# Gelled Brine 3) Perf 5 1/2" csg @ ± 320 4) Circ Cmt down 5 1/2" csg + Up 5 1/2"/8 5/8" Ann to Surface 5) Set P+A Marker</p>
		9/60 - OH compl 3775-3870
		Vibrofrac 3855-60
		S.O.T w/20000g oil + 20000#sd
		1/65 - Perf 3074-3383
		Set BKR MdI "D" @ 3750'
		Set RBP @ 3435
		Acid 3074-3383 w/2500g
		S.O.T 3074-3383 w/25000g oil + 25000#sd
		Pull RBP @ 3435
		Swabb Test
		Re.S.O.T 3074-3383 w/30000g + 30000#sd.
		Complete As Dual
		12/72 - Cuttbg @ 3725'
		Set CIBP @ 3422
		Run 2 3/8" and 1" tbg on Dual B:
		Acid w/750g 15%
		Put 2 7/8" on Pump
		9/03 - LD Rods + Tbg
		Set CIBP @ 3050' w/35' cement on CIBP
		Proposed P+A Procedure
		1) CIBP @ 3050' (9/93)
		2) Circ 10# Gelled Brine
		3) Perf 5 1/2" csg @ ± 320
		4) Circ Cmt down 5 1/2" csg + Up 5 1/2"/8 5/8" Ann to Surface
		5) Set P+A Marker
		T.O. Fish @ 3725'
		ER-1 Rec @ 3743'
		sliding sleeve ± 3747'
		MdI "D" @ 3750'
		5 1/2" @ 3775'
		T.O @ 3870'

STATE A AC 2 #51

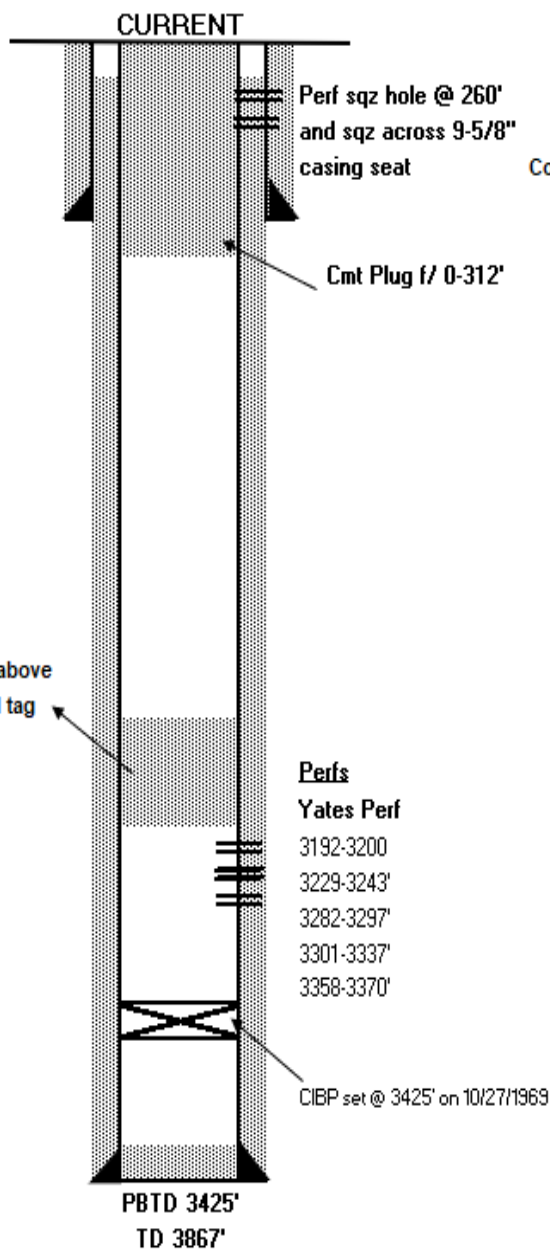
VI. Exhibit C16

API# 30-025-08839
 1980 FNL 1980 FWL,
 Sec 8, T22S, R36E Lea Co., NM

Well Name: PRE-ONGARD WELL #051 Plantation ID Number: _____
 Location: 1980 FNL 1980 FWL; Unit F Sec: 8 Township: 23S
 County: Lea State: NM API: 30-025-08843

Lease Type: STATE
 Range: 36E
 Formation: Jalmat, Tansill-Yates-7 Rivers

Surface Csg
 Size: 9-5/8"
 Wt.&Thrd: _____
 Grade: _____
 Set @: 312'
 Sxs cmt: 300
 Circ: _____
 TOC: _____
 Hole Size: 13-1/4"



KB: _____
 DF: _____
 GL: 3595'
 Commenced Date: 10/15/1969
 Compl. Date: 10/27/1969

History - Highlights

10/15/1969: Well commencement

10/27/1969: Set CIBP @ 3425'
Yates Perf
 3192-3200, 3229-3243, 3282-97, 3301-37, 3358-70 w/ 85 holes. Frac'd w/ 15000 gals gelled brine w/ 30000# 10/20 sand
 Ran tubing set at 3364', swabbed and placed on production

6/1972: TA'd and shut in due to uneconomical production

9/20/1988: wr tbg tag cmt plug at 3074' circ hole w/ 10# mud POH I.S 2-7/8" tbg
9/21/1988: cut 7" csg @ 370' POH mix & spot 100 sks. Cmt plug from 420' to 134'

Production Csg
 Size: 7"
 Wt.&Thrd: _____
 Grade: _____
 Set @: 3778'
 Sxs Cmt: 250
 Circ: _____
 TOC: _____
 Hole Size: 8-3/4"

STATE A AC 2 #53

VI. Exhibit C17

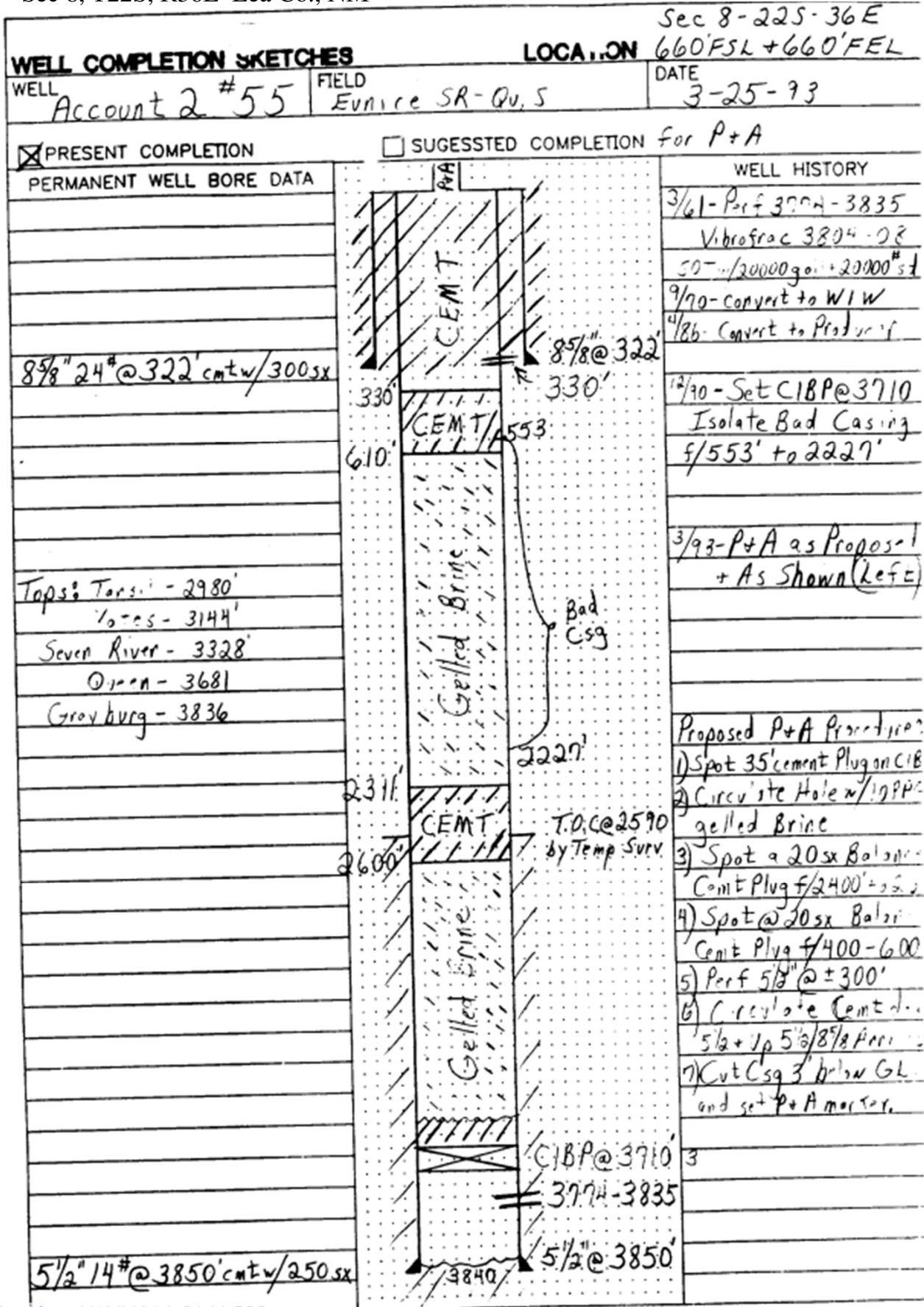
API# 30-025-08840
 1980 FWL 660 FSL,
 Sec 8, T22S, R36E Lea Co., NM

WELL COMPLETION SKETCHES		LOCATION 660' FSL + 1980' FWL
WELL Account 2 #53	FIELD Eunice SR - Qu - South	DATE 6-9-94
<input type="checkbox"/> PRESENT COMPLETION	<input checked="" type="checkbox"/> COMPLETION	
PERMANENT WELL BORE DATA		WELL HISTORY
Circ 120 sx cement down 5-1/2" & up 5-1/2"/8-5/8" annulus to surface.		2/61 - OH Compl. 3785-388
		Vibrofrac 3847-51
		S.O.T. w/ 20000 gal oil + 20000 # sd
8 5/8" 24# @ 330' cmt w/ 300 sx		1/77 - TA well
		12/91 - LD Tbg
		Set CIBP @ 3720'
		w/ 35' cmt on CIB
		** TA Well **
Tops: Tansill - 3035 Yates - 3197 Seven Rivers - 3387 Queen - 3820		TOC @ 2550' by Temp Surv.
	Proposed P+A Procedure	
	1) Circ Hole w/ 10" gelled Br	
	2) Perf 5 1/2" Csg @ 330'	
	3) Circ Cmt Down 5 1/2" cs + Up 5 1/2"/8 7/8" Ann to Su	
	4) Set P+A Marker	
5 1/2" 14# @ 3785' cmt w/ 250 sx	CIBP @ 3710' w/ 35' cmt on top	
	5 1/2" @ 3785'	
	TD @ 3886'	

STATE A AC 2 #55

VI. Exhibit C18

API# 30-025-08842
 660 FEL 660 FSL,
 Sec 8, T22S, R36E Lea Co., NM



VI. Exhibit C19

State A A/C 2 #56

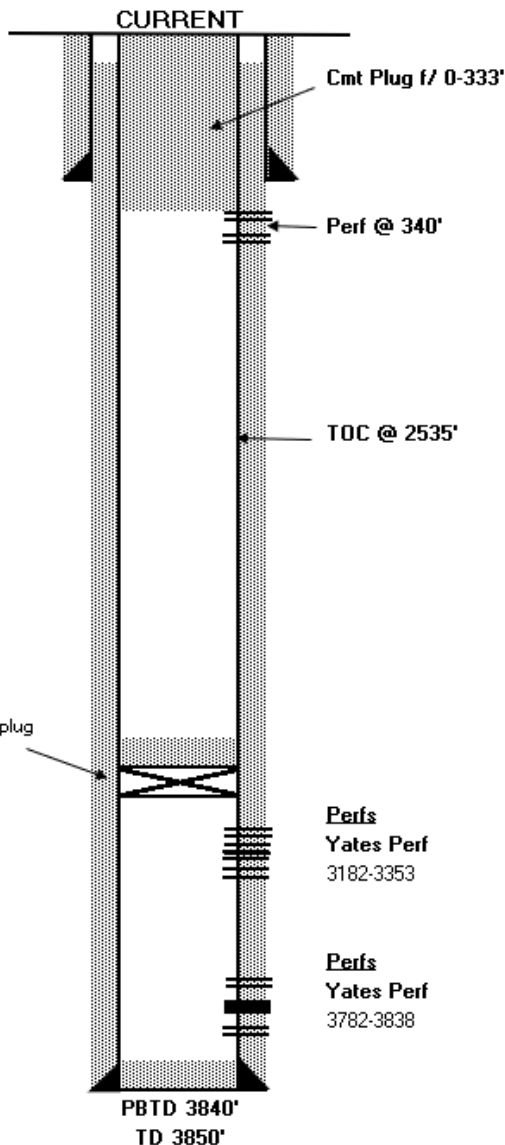
API# 30-025-08843
 1980 FSL 1980 FEL,
 Sec 8, T22S, R36E Lea Co., NM

Well Name: State A A/C 2 #56 Plantation ID Number: _____
 Location: 1980 FSL, 1980 FEL, Unit J Sec: 8 Township: 22S
 County: Lea State: NM API: 30-025-08843

Lease Type: STATE
 Range: 36E
 Formation: Jalmat, Tansill-Yates- 7 Rivers

Surface Csg
 Size: 8-5/8"
 Wt.&Thrd: 24#, STC
 Grade: J55
 Set @: 333'
 Sxs cmt: 300
 Circ: _____
 TOC: _____
 Hole Size: 12-1/4"

KB: 3571'
 DF: _____
 GL: 3559'
 Spud Date: 8/6/1961
 Compl. Date: 9/21/1961



CIBP set @ 2858" w/ 35' cmt on plug on 6/17/1994

Production Csg
 Size: 5-1/2"
 Wt.&Thrd: 14#, LTC
 Grade: _____
 Set @: 3853'
 Sxs Cmt: 300
 Circ: _____
 TOC: _____
 Hole Size: 7-7/8"

Perfs
Yates Perf
 3182-3353

Perfs
Yates Perf
 3782-3838

History - Highlights

8/6/1961: Spud well

9/1961: Set Ret @ 3706'. Sqz w/ 40 sx

Yates Perf

3782-3838' SOT w/ 2000 gals oil + 2000#s

3182- 3353 SOT w/ 2000 gals oil + 6000#s

1/1990: Replace tbg and put on pump

6/17/1994:

Set CIBP @ 2858' w/ 35' cmt on plug (verbal approval from OCD for deviation from 3150' setting depth)

Circulated hole w/ 10 ppg gelled brine. Perforated 5-1/2" casing @ 350

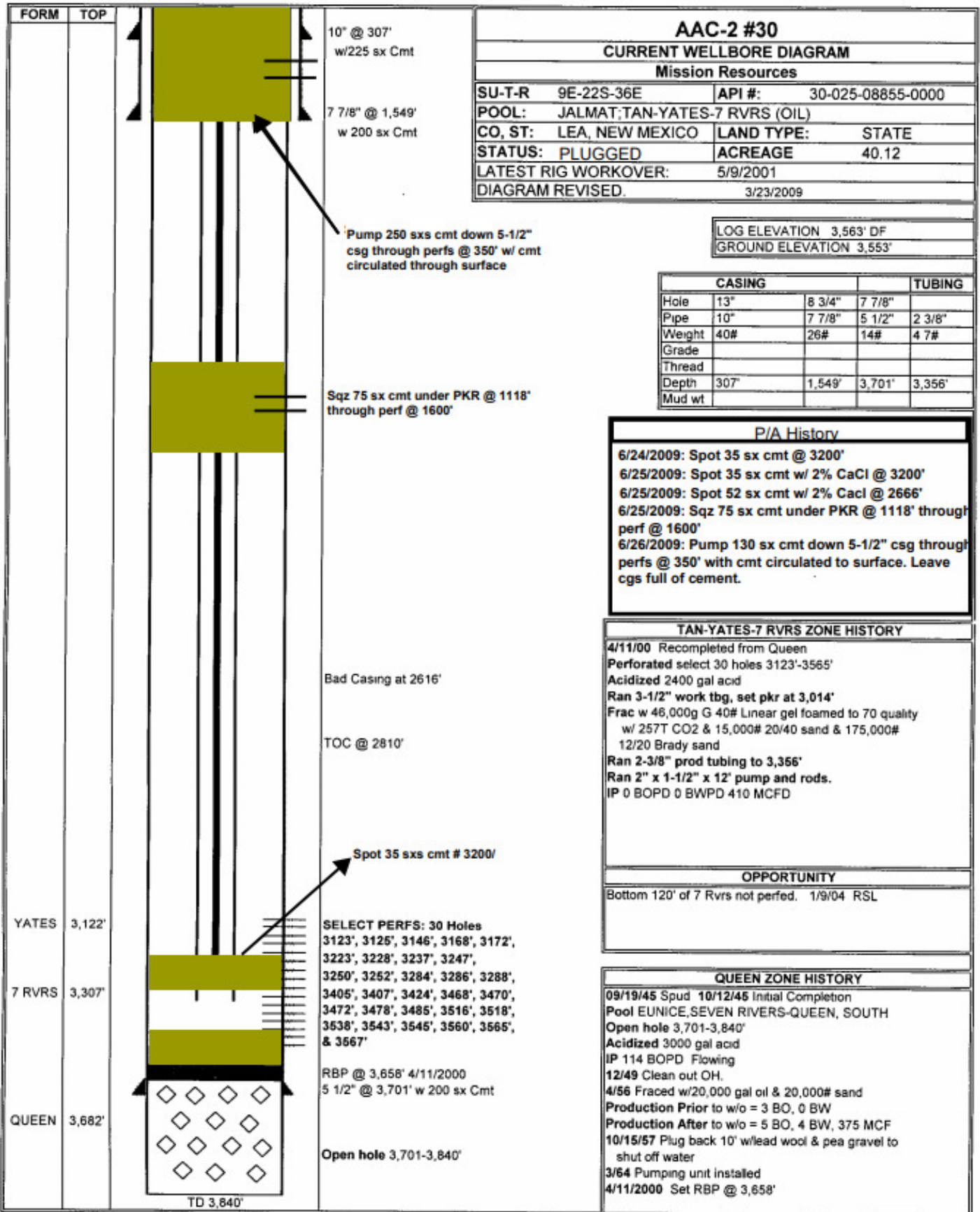
Circulate cmt down 5-1/2" casing and up the 5-1/2" to 6-5/8" annulus to surface

Cut 5-1/2" and 6-5/8" casing 3' below GL. Set P & A marker

State A A/C 2 #30

VI. Exhibit C20

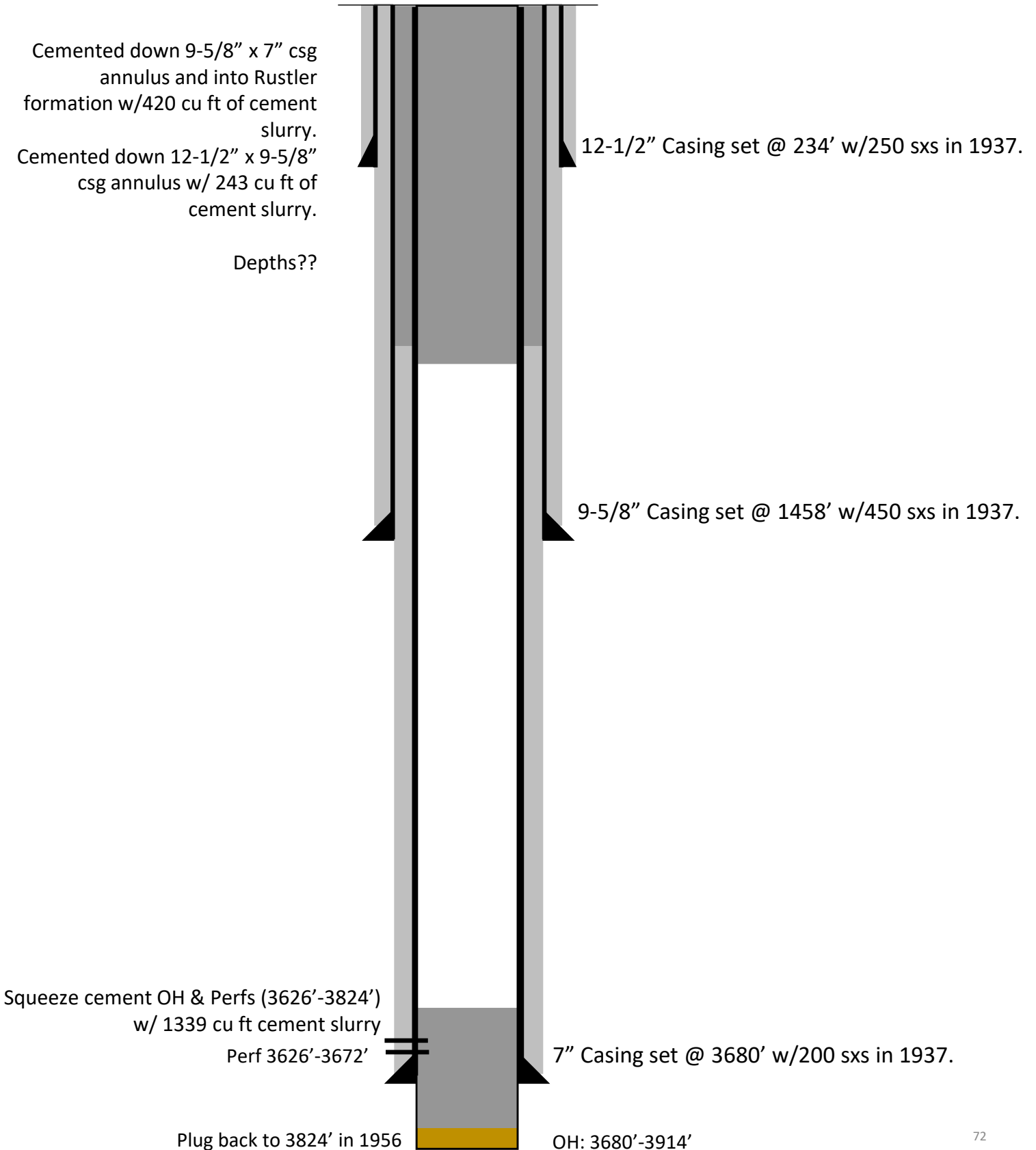
API# 30-025-08855
 660 FWL 1980 FNL,
 Sec 9, T22S, R36E Lea Co., NM



STATE H 1

VI. Exhibit C21

API# 30-025-08933
660 FEL 660 FNL,
Sec 17, T22S, R36E Lea Co., NM



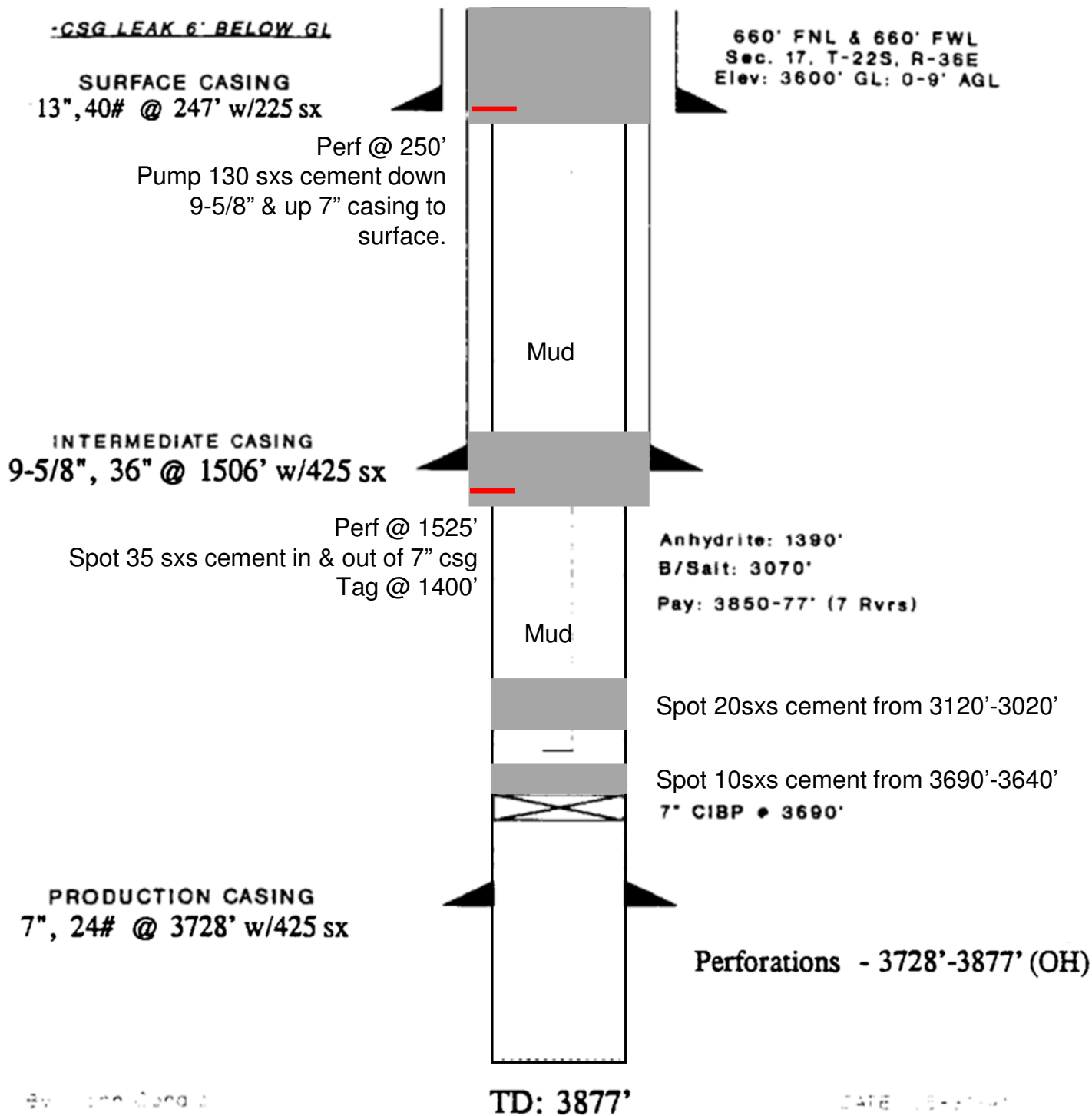
STATE E #3

VI. Exhibit C22

API# 30-025-08937
660 FWL 660 FNL,
Sec 17, T22S, R36E Lea Co., NM

STATE E NO. 3 JALMAT LANGLIE MATTIX

Lea County, NM



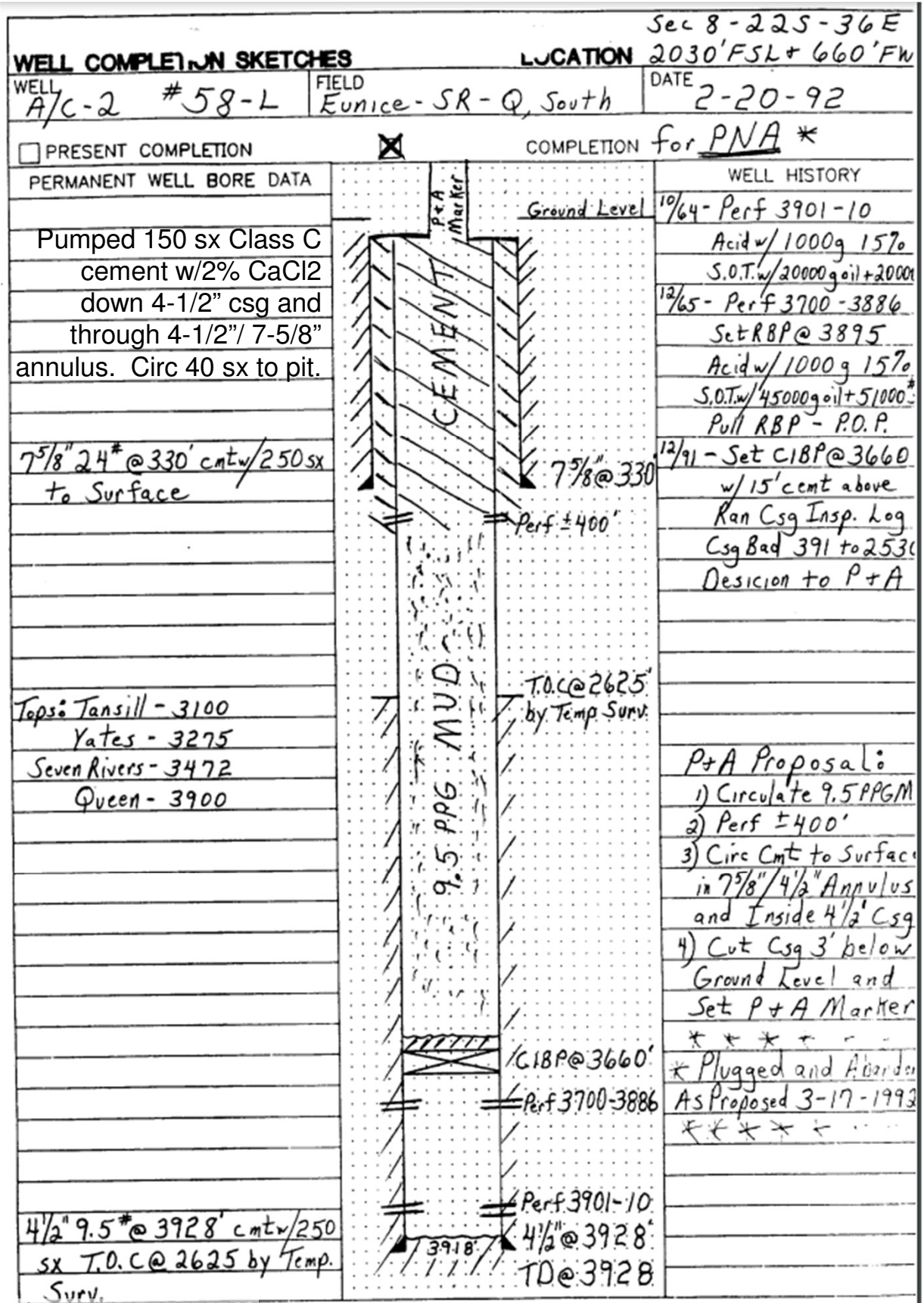
VI. Exhibit C23

STATE A AC 2 #58

API# 30-025-20978

660 FWL 2030 FSL,

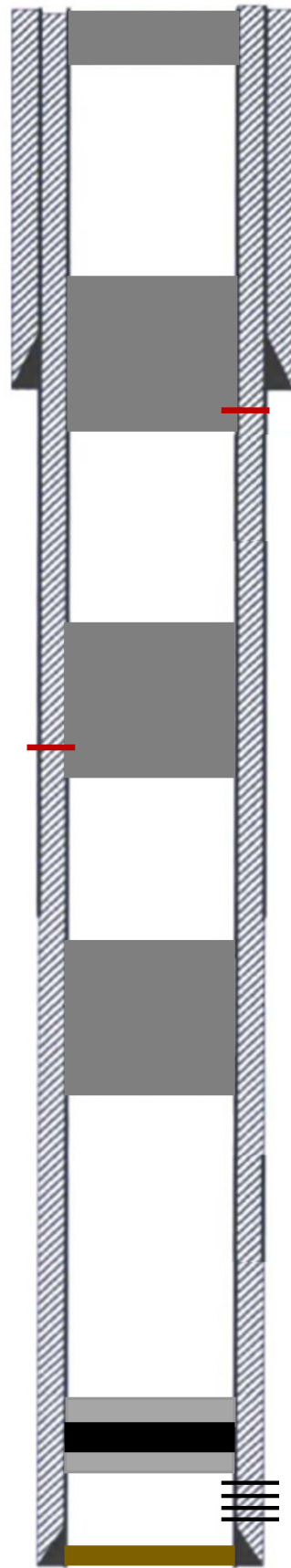
Sec 8, T22S, R36E Lea Co., NM



VI. Exhibit C24

STATE H 3

API# 30-025-23389
1650 FEL 330 FNL,
Sec 17, T22S, R36E Lea Co., NM



Spot 10 sxs from 60' to surface

Surface Casing:
8-5/8" set @ 328' w/250 sxs cement

Perf & Squeeze @ 380', 80 sxs,
O.C. & Tag @ 218'

Perf & Squeeze 25 sxs @ 1440', no tag
squeeze 25 sxs W.O.C. & Tag @ 1206'

Spot 25 sxs @ 2890', W.O.C. & Tag @ 2630'

Spot 50 sxs @ 3600' set CIBP w/25 sxs on to

Perf from 3658'-3830' w/18 holes

Production Casing
4-1/2" set @ 3850' w/300 sxs cement

TD: 3850'
PBTD: 3838'

VI. Exhibit C25

State A A/C 2 #65

API# 30-025-28274
 1345 FNL 25 FWL,
 Sec 9, T22S, R36E Lea Co., NM

Well Name: State A A/C 2 #65 Plantation ID Number: _____
 Location: 1345 FNL, 25 FWL; Unit E Sec: 9 Township: 23S
 County: Lea State: NM API: 30-025-28274

Lease Type: STATE
 Range: 36E
 Formation: Jalmat, Tansill-Yates- 7 Rivers

Surface Csq
 Size: 8-5/8"
 Wt.&Thrd: 24#, STC
 Grade: J55
 Set @: 598'
 Sxs cmt: 375
 Circ: _____
 TOC: Surface
 Hole Size: 12-1/4"

KB: 3571'
 DF: _____
 GL: 3559'
 Spud Date: 8/14/1983
 Compl. Date: 10/7/1983

T/S spot 25sx @ 1575'

B/S spot 25sx cmt @ 2990'

CIBP set @ 3605' on 2/9/2009

Production Csq
 Size: 5-1/2"
 Wt.&Thrd: 14#, LTC
 Grade: J55
 Set @: 3900'
 Sxs Cmt: 950
 Circ: _____
 TOC: Surface
 Hole Size: 7-7/8"

Spot & Cric 30 sx from 250' to surface. L/D tbg and set EOT @ 30'

Hole(s) @ 638'-700'

Spot 35 sx @ 725-500' woc

History - Highlights

8/14/1983: Spud well

10/7/1983:
Queen Perf

3811-3872 w/ 60 holes. 1 JSPF w/ 4" OD. Acdz w/ 3000 gals 15% NEFE HCL
 3751-3782 w/ 30 holes. 1 JSPF w/ 4" OD. Acdz w/ 1000 gals 15% NEFE HCL

5/1/1985: Casing leak below pkr @ 3623' and 3654'

3/1/1986: CO fill from 3826' to 3878'

7/1/1986: Sqz leak w/ 150sx, held successfully. Clean out to 3878'

2/9/2009: CIBP set @ 3605'. Casing test failed. **New leaks from 638' - 700'**

4/27/2009: No success pumping into leak. Approved isolating casing leak with 2 CIBP @ 700' and 598'. **TA well.**

Perfs
Queen Perf
 3811-3872
 3751-3782

PBTD 3878'
 TD 3900'

VI. Exhibit C26

State A A/C 2 #71

API# 30-025-28280

25 FWL 1295 FSL,

Sec 9, T22S, R36E Lea Co., NM

Well Information

Spud: 9/18/1983 Ground Elevation: 3,569' D.F. Elevation: _____
 Completed: 10/29/83 KB Elevation: _____ Total Depth: 3,900'

Pipe Data

Surface						
Hole size	Depth	Size (OD)	Weight	Grade	Sx. Cmt	Comments
12-1/4"	588'	8-5/8"	24.0#	J55	375 sx	CTS
Production						
Hole size	Depth	Size (OD)	Weight	Grade	Sx. Cmt	Comments
7-7/8"	3,900'	5-1/2"	14.0#	K55	950 sx	CTS

Downhole Tubulars (Top to Bttm):
None.

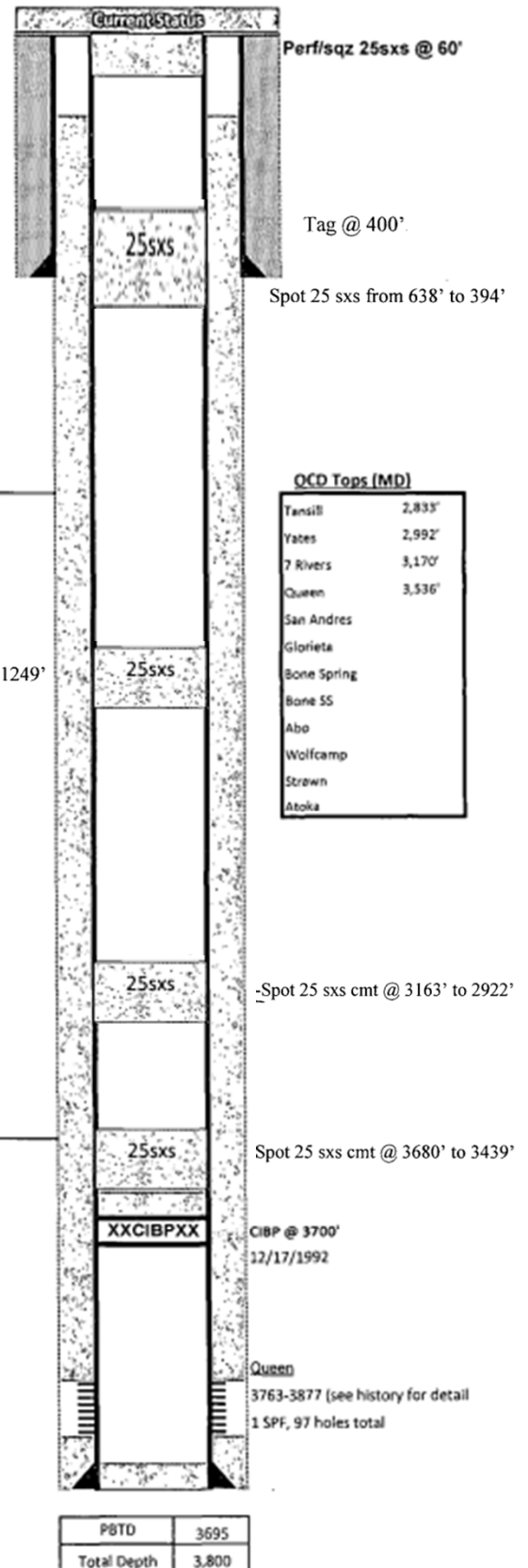
Well History

10/20/1983 Perf 3847-77, 1 SPF, 31 holes. Acdz w/ 1800 gals 15% HCL
 Perf 3783-3835, 1 SPF, 53 holes. Acdz w/ 3000 gals 15% HCL
 Perf 3763-75, 1 SPF, 13 holes. Acdz w/ 750 gals 15% HCL
10/30/1983 Run injection string (pkr @ 3710') and turn to injection (rate of 0.5 BPM @ 0#)
12/17/1992 RIH w/ CIBP and set @ 3700' w/ 2 sx cement on top. TA Well.

6/12/2013 Most recent passing pressure test. Extension of 6 months granted.

TA extension expires 12/16/2013

POTENTIAL Injection well for Queen waterfood?



OCD Tops (MD)

Tansil	2,833'
Yates	2,992'
7 Rivers	3,170'
Queen	3,536'
San Andres	
Glorieta	
Bone Spring	
Bone SS	
Abo	
Wolfcamp	
Strawn	
Atoka	

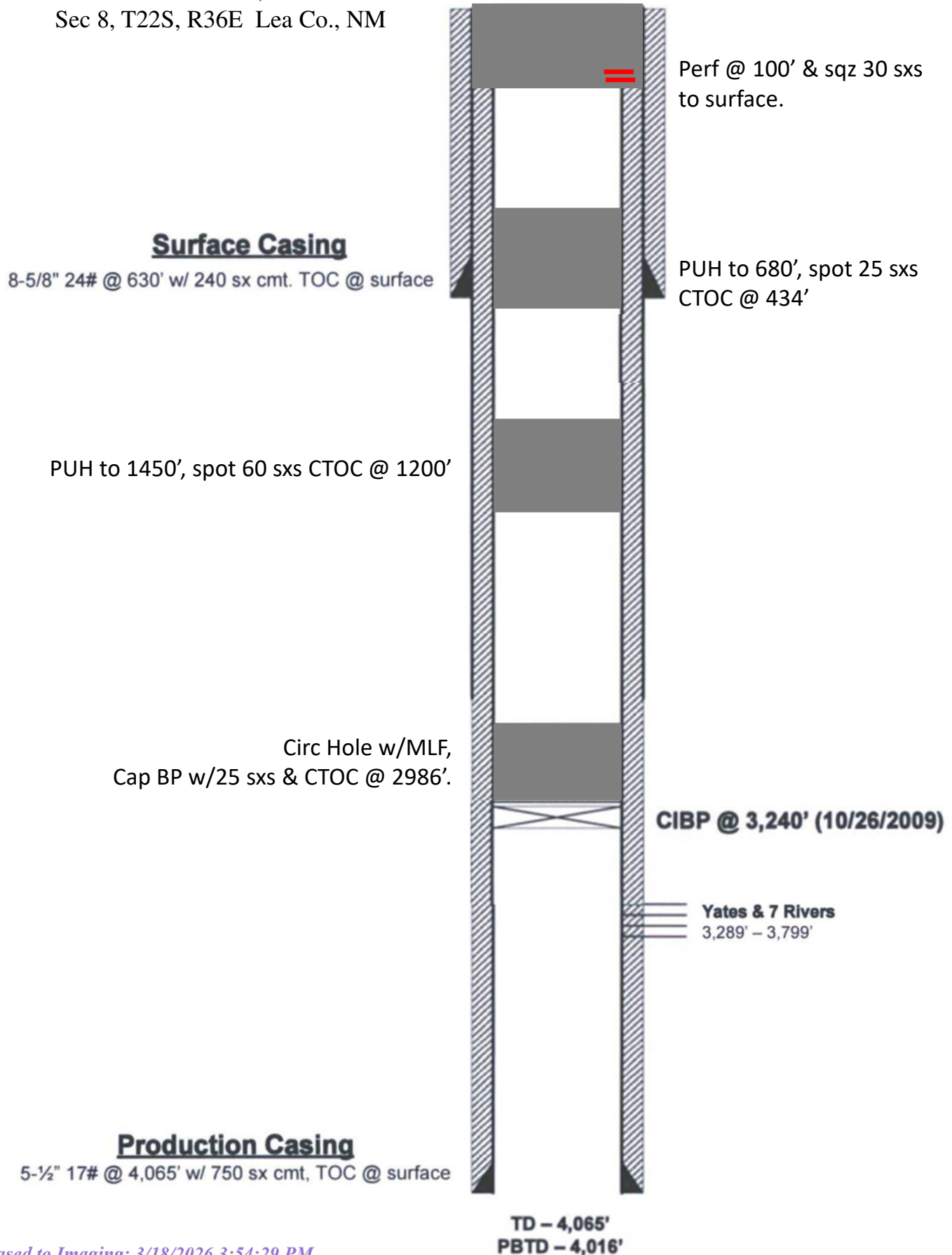
Procedures

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10

VI. Exhibit C27

STATE A AC 2 #76

API# 30-025-34672
660 FWL 1980 FNL,
Sec 8, T22S, R36E Lea Co., NM



VI. Exhibit C28

STATE A AC 2 #94

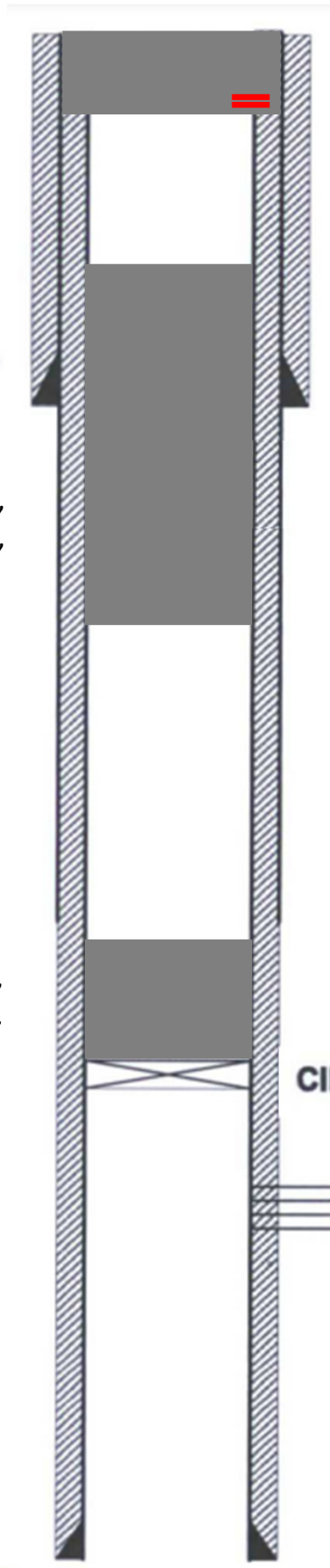
API# 30-025-37909
660 FWL 1930 FSL,
Sec 8, T22S, R36E Lea Co., NM

Surface Casing
8-5/8" 24# @ 605' w/ 300 sx cmt. TOC @ surface

Tag @ 480'
PUH to 1450', spot 60 sxs CTOC @ 555'

Circ Hole w/MLF,
Cap BP w/25 sxs & CTOC @ 2682'.

Production Casing
4-1/2" 12# @ 4,019' w/ 1420 sx cmt, TOC @ surface



Perf @ 100' &
pump 25 sxs to
surface.

CIBP @ 3,062' (11/12/2008)

Perforations
3,113' - 3,625'

TD - 4,019'
PBTD - 3,062'

VI. Exhibit C29

STATE A AC 2 #95

API# 30-025-37910
1780 FWL 1980 FNL,
Sec 8, T22S, R36E Lea Co., NM

Surface Casing

8-5/8" 24# @ 607' w/ 300 sx cmt. TOC @ surface

Tag @ 480'

PUH to 1450', spot 60 sxs CTOC @ 557'

Circ Hole w/MLF,
Cap BP w/25 sxs & CTOC @ 2620'.

Perf @ 100', load
hole & well did
not circ. OCD ok'd
to pump 25 sxs @
100' to surface.

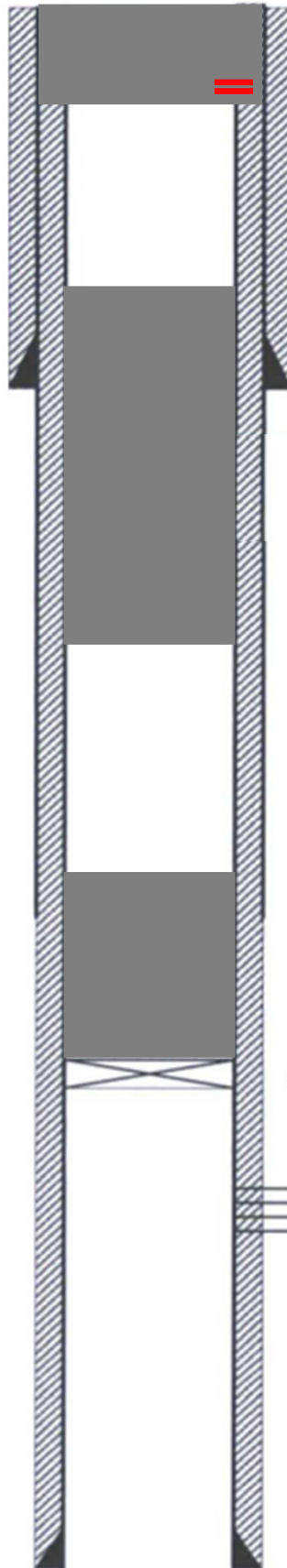
CIBP @ 3,000' (11/12/2008)

Perforations
3,048' - 3,671'

Production Casing

4-1/2" 11.6# @ 4,067' w/ 1620 sx cmt, TOC @ surface

TD - 4,067'
PBTD -



VII. Proposed Injection Operation

1. Average injection rate target will be ~800 bpd. Maximum injection rate will be 1200 bpd. These numbers are based off of typical injection rates in nearby Seven Rivers-Queen water floods.
2. The system will be a closed system. The injection well will not be made available for commercial disposal purposes.
3. Average injection pressure will be ~900 psi. Maximum injection pressure will be calculated relative to the depth of the highest perforation, using a factor of 0.3 psi/ft. The proposed injector will have perforation depths of approximately 3,500' and 4000' (or 1050 psi and 1200 psi maximum injection pressure, respectively). Pending results of a step rate test, the maximum injection pressure could potentially be increased to a factor of 0.6 psi/ft (or 2,100 psi at 3,500' and 2400 psi at 4000').
4. The water source will be produced water from nearby wells and water transfer lines.
5. Injection will be into the Seven Rivers – Queen formation, which is immediately productive in the area.

VIII. Geologic Data

The proposed waterflood will be injecting into the Seven Rivers and Queen reservoir. The portion that will be injected consists mainly of sandstones interbedded with dolomites and some anhydrites. The reservoir quality rocks have porosities ranging from 10% to 20% and averages around 16%.

Formation Tops Are:

Formation	Offset Top (STATE A A/C 2 #78) 30-025-34910	Contents
Alluvium	GL	Fresh Water
Rustler	1453	Anhydrite
Salado (top of salt)	1638	Salt
Tansil (base of salt)	3034	Gas, Oil, & Water
Yates	3179	Gas, Oil, & Water
Seven Rivers	3382	Gas, Oil, & Water
Queen	3812	Gas, Oil, & Water
<i>SR-Q Injection Interval</i>	<i>3700-4000</i>	<i>Gas, Oil, & Water</i>
Total Depth	4000	
<i>Grayburg</i>	<i>~4140</i>	<i>Gas, Oil, & Water</i>

IX. Proposed Stimulation Program

The new drill injector will be acidized with 3,000 gal 15% HCl for each set of perforations. Acid in the Seven Rivers-Queen formation is known to break down the perms and cause injection at lower pressures vs perforating alone. The new drill injectors will not be sand frac'd so there will be better vertical conformance.

X. Logging and Test Data for Wells

These will be new drill injectors.

XI. Chemical Analysis of Fresh Water Wells

According to records from the Office of the State Engineer (Exhibit D1-14a & b) there are between 3 and 4 active water wells within the 1 mile radius around the proposed STATE A A/C 2 #96, STATE A A/C 2 #97, STATE A A/C 2 #98, STATE A A/C 2 #99, STATE A A/C 2 #100, STATE A A/C 2 #101, STATE A A/C 2 #102, STATE A A/C 2 #103, STATE A A/C 2 #104, STATE A A/C 2 #105, STATE A A/C 2 #106, STATE A A/C 2 #107, STATE A A/C 2 #108, and STATE A A/C 2 #109.

FAE II Operating, LLC has obtained water analyses on 2 freshwater wells. The closest water well, the CP 01854 POD1, is 0.35 miles from the STATE A A/C 2 #101 , 250' (md) deep and considered a "shallow" water supply. The second well, the CP 01318 POD2, is 1.65 miles from State A A/C 2 #101, 260' (md) deep, and considered a "shallow" water supply. See Exhibits E1- E5.

Exhibit E6 is a produced water analysis of the STATE A A/C 2 #4 (API: 30-025-08853), and is an example of the water that will be injected. The STATE A A/C 2 #4 is about 0.63 miles from the STATE A A/C 2 #108 location.

Well 1: STATE A A/C 2 #96
 Location: Twn 22S Rge 36E Sec 5
 Footages: 1350 FSL 1300 FEL
 County: Lea

XI. Exhibit D1a

Location For Office of the State Engineer:
 NAD 1983 UTM Zone 13
 Easting (X): **661441.861** mtrs
 Northing (Y): **3587988.395** mtrs

Water Wells Within 1 Mile Radius

**** 3 Active****



New Mexico Office of the State Engineer
Water Column/Average Depth to Water

(A CLW##### in the POD suffix indicates the POD has been replaced & no longer serves a water right file.)

(R=POD has been replaced,
 O=orphaned,
 C=the file is closed)

(quarters are 1=NW 2=NE 3=SW 4=SE)

(quarters are smallest to largest) (NAD83 UTM in meters)

(In feet)

POD Number	Code	POD Sub-basin	County	Q 6	Q 4	Q 2	Q 1	Sec	Tws	Rng	X	Y	Distance	DepthWell	DepthWater	Water Column
CP00727		CP	LE	1	3	2	05	22S	36E	661130	3588673*		752	267	212	55
CP00727 CLW475753	O	CP	LE	1	3	2	05	22S	36E	661130	3588673*		752	228	<i>Duplicate</i>	
CP01855 POD1		CP	LE	3	2	2	05	22S	36E	661508	3588874		888	260	184	76
CP01854 POD1		CP	LE	2	4	2	08	22S	36E	661852	3587145		937	250	190	60

Water Analysis Available

Average Depth to Water: **195 feet**
 Minimum Depth: **184 feet**
 Maximum Depth: **212 feet**

Record Count: 4

Basin/County Search:

Basin: Capitan

UTMNAD83 Radius Search (in meters):

Easting (X): 661441.861

Northing (Y): 3587988.395

Radius: 1609.3

*UTM location was derived from PLSS - see Help

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

4/13/22 2:51 PM

WATER COLUMN/AVERAGE DEPTH TO WATER

Well 1: STATE A A/C 2 #96

XI. Exhibit D1b

Location: Twn 22S Rge 36E Sec 5

Footages: 1350 FSL 1300 FEL

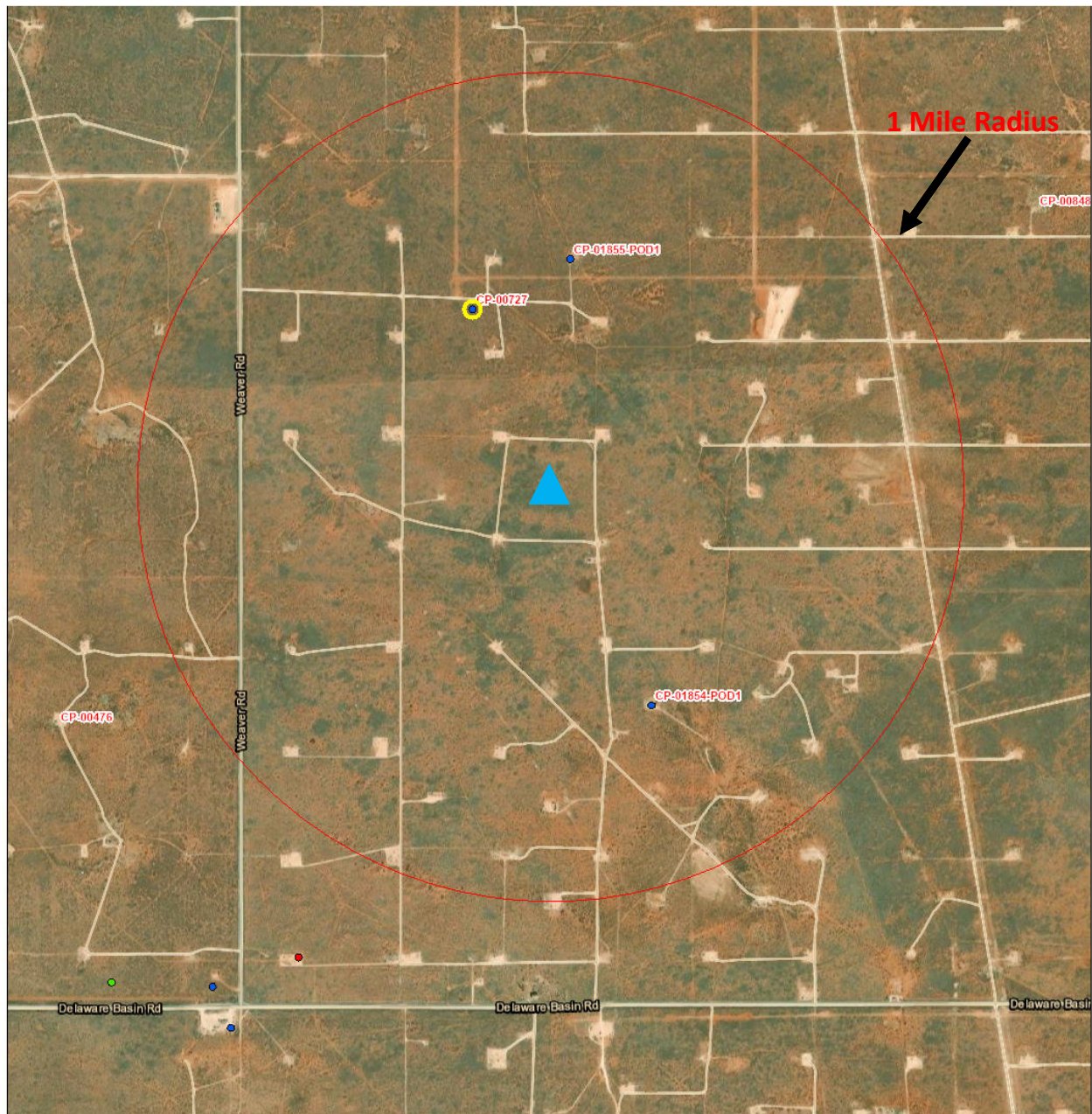
County: Lea

Location For Office of the State Engineer:

NAD 1983 UTM Zone 13

Easting (X): **661441.861** mtrs

Northing (Y): **3587988.395** mtrs



4/13/2022, 4:00:15 PM

GIS WATERS PODs

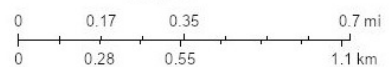
- Active
- Pending
- Plugged

OSE District Boundary

Site Boundaries

▲ C-108 Injector

1:18,056



Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community, Esri, HERE, Garmin, (c) OpenStreetMap contributors, Esri, HERE, Garmin, (c) OpenStreetMap contributors, and the GIS user community, U.S. Department of Energy Office of Legacy

Well 2: STATE A A/C 2 #97
 Location: Twn 22S Rge 36E Sec 5
 Footages: 1350 FSL 2622 FEL
 County: Lea

XI. Exhibit D2a

Location For Office of the State Engineer:
 NAD 1983 UTM Zone 13
 Easting (X): **661038.986** mtrs
 Northing (Y): **3587980.698** mtrs

Water Wells Within 1 Mile Radius

**** 3 Active****



New Mexico Office of the State Engineer
Water Column/Average Depth to Water

(A CLW##### in the POD suffix indicates the POD has been replaced & no longer serves a water right file.)

(R=POD has been replaced,
 O=orphaned,
 C=the file is closed)

(quarters are 1=NW 2=NE 3=SW 4=SE)

(quarters are smallest to largest) (NAD83 UTM in meters)

(In feet)

POD Number	Code	POD Sub-basin	County	Q 6	Q 4	Q 2	Q 1	Sec	Tws	Rng	X	Y	Distance	DepthWell	DepthWater	Water Column
CP 00727		CP	LE	1	3	2	05	22S	36E	661130	3588673*		698	267	212	55
CP 00727 CLW475753	O	CP	LE	1	3	2	05	22S	36E	661130	3588673*		698	228	<i>Duplicate</i>	
CP 01855 POD1		CP	LE	3	2	2	05	22S	36E	661508	3588874		1009	260	184	76
CP 01854 POD1		CP	LE	2	4	2	08	22S	36E	661852	3587145		1165	250	190	60

Water Analysis Available

Average Depth to Water: **195 feet**
 Minimum Depth: **184 feet**
 Maximum Depth: **212 feet**

Record Count: 4

Basin/County Search:

Basin: Capitan

UTMNAD83 Radius Search (in meters):

Easting (X): 661038.986

Northing (Y): 3587980.698

Radius: 1609.3

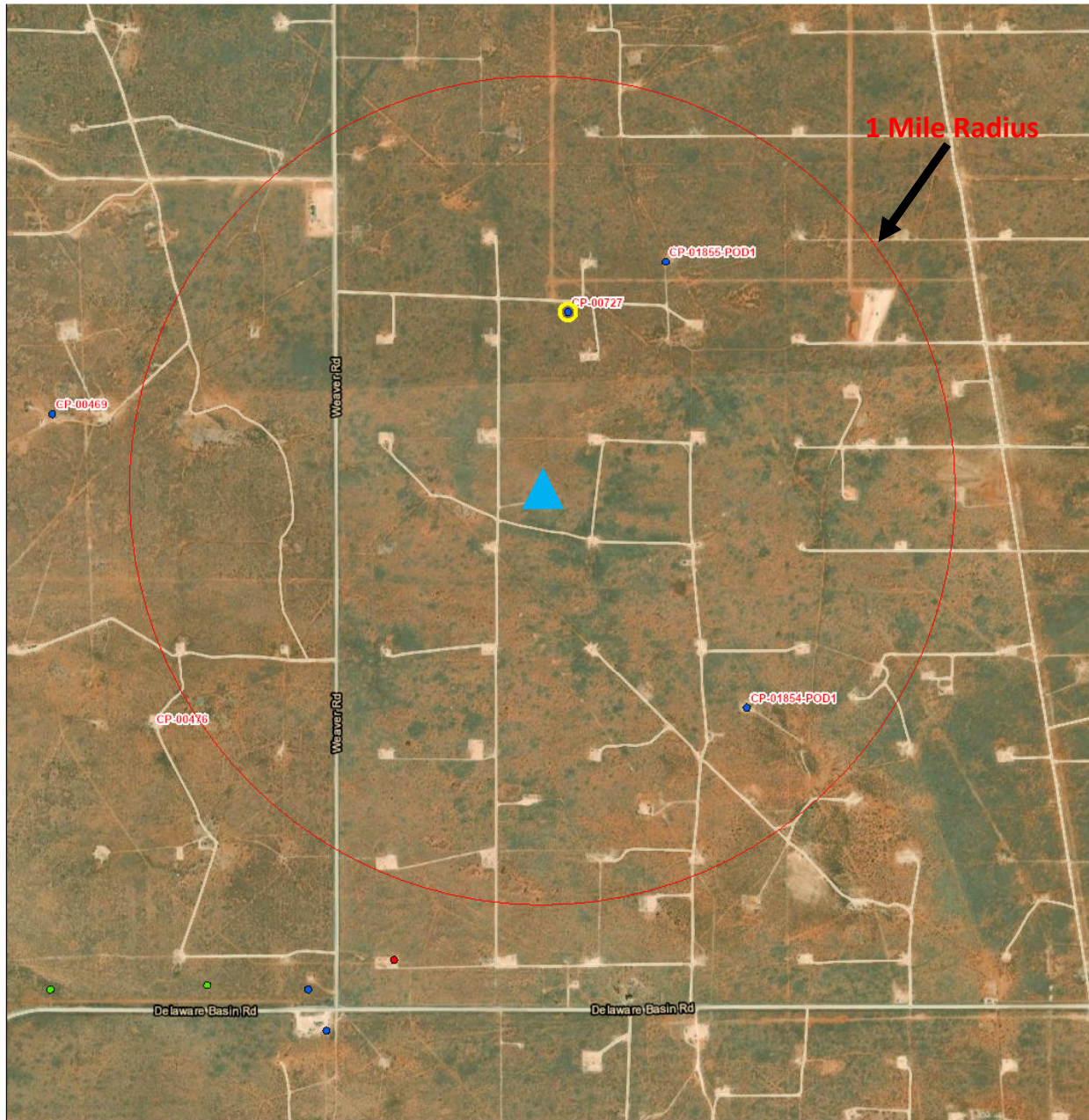
*UTM location was derived from PLSS - see Help

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

Well 2: STATE A A/C 2 #97
Location: Twn 22S Rge 36E Sec 5
Footages: 1350 FSL 2622 FEL
County: Lea

XI. Exhibit D2b

Location For Office of the State Engineer:
NAD 1983 UTM Zone 13
Easting (X): **661038.986** mtrs
Northing (Y): **3587980.698** mtrs



4/13/2022, 4:07:20 PM

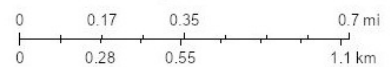
GIS WATERS PODs

- Active
- Pending
- Plugged

OSE District Boundary

▲ C-108 Injector

1:18,056



Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community, Esri, HERE, Garmin, (c) OpenStreetMap contributors, Esri, HERE, Garmin, (c) OpenStreetMap contributors, and the GIS user community, U.S. Department of Energy Office of Legacy

Well 3: STATE A A/C 2 #98
 Location: Twn 22S Rge 36E Sec 5
 Footages: 1354 FSL 1335 FWL
 County: Lea

XI. Exhibit D3a

Location For Office of the State Engineer:
 NAD 1983 UTM Zone 13
 Easting (X): **660635.159** mtrs
 Northing (Y): **3587974.458** mtrs

Water Wells Within 1 Mile Radius

**** 4 Active ****



New Mexico Office of the State Engineer
Water Column/Average Depth to Water

(A CLW##### in the POD suffix indicates the POD has been replaced & no longer serves a water right file.)

(R=POD has been replaced,
 O=orphaned,
 C=the file is closed)

(quarters are 1=NW 2=NE 3=SW 4=SE)
 (quarters are smallest to largest)

(NAD83 UTM in meters)

(In feet)

POD Number	Code	POD Sub-basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Distance	DepthWell	DepthWater	Water Column
CP 00727		CP	LE	1	3	2	05	22S	36E	661130	3588673*	856	267	212	55
CP 00727 CLW475753	O	CP	LE	1	3	2	05	22S	36E	661130	3588673*	856	228	<i>Duplicate</i>	
CP 01855 POD1		CP	LE	3	2	2	05	22S	36E	661508	3588874	1253	260	184	76
CP 01854 POD1		CP	LE	2	4	2	08	22S	36E	661852	3587145	1472	250	190	60
CP 00469		CP	LE	1	2	3	06	22S	36E	659127	3588245*	1532	220	195	25

Water Analysis Available

Average Depth to Water: **195 feet**
 Minimum Depth: **184 feet**
 Maximum Depth: **212 feet**

Record Count: 5

Basin/County Search:

Basin: Capitan

UTM NAD83 Radius Search (in meters):

Easting (X): 660635.159

Northing (Y): 3587974.458

Radius: 1609.3

*UTM location was derived from PLSS - see Help

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

Well 3: STATE A A/C 2 #98

XI. Exhibit D3b

Location: Twn 22S Rge 36E Sec 5

Footages: 1354 FSL 1335 FWL

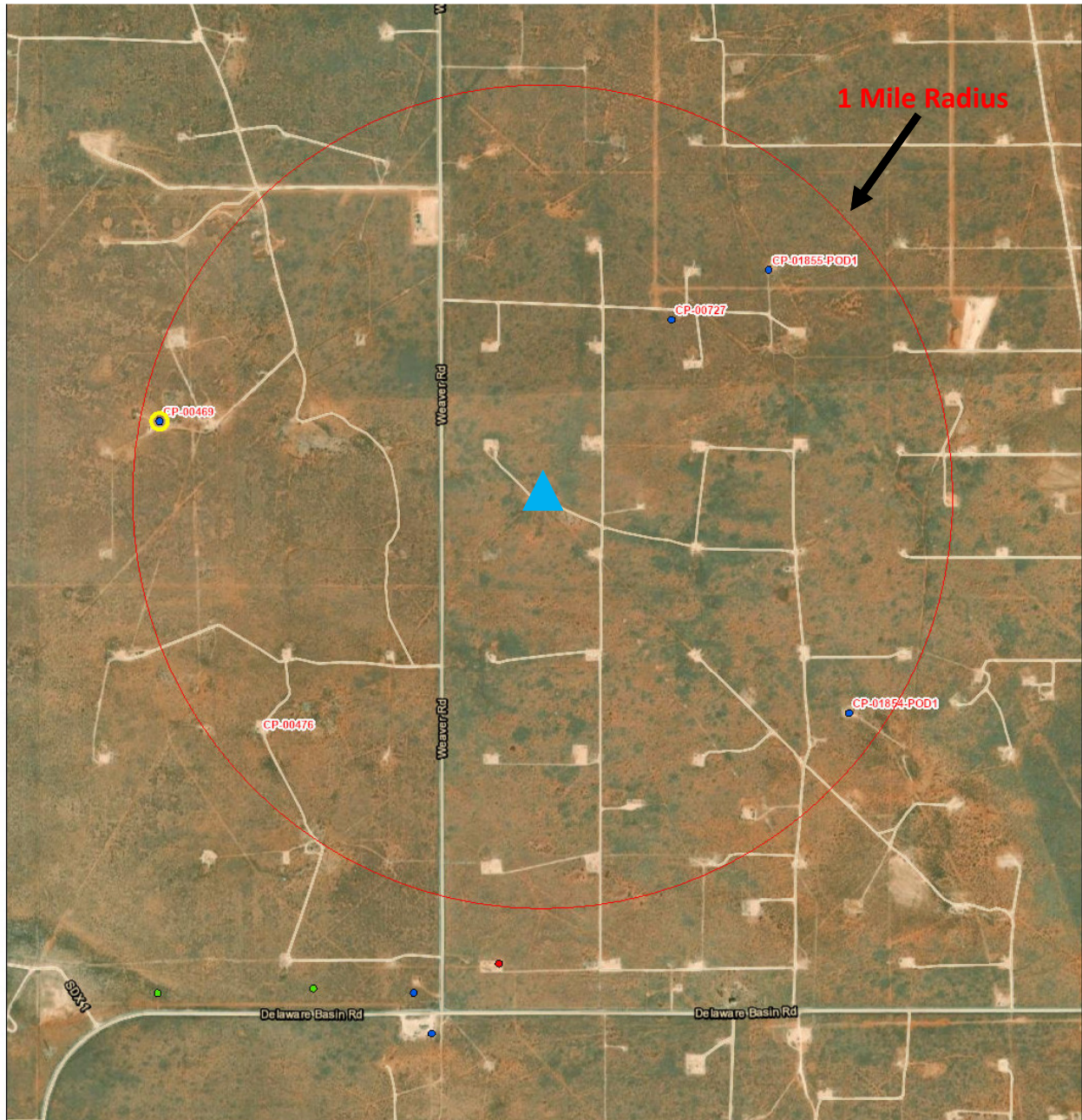
County: Lea

Location For Office of the State Engineer:

NAD 1983 UTM Zone 13

Easting (X): **660635.159** mtrs

Northing (Y): **3587974.458** mtrs



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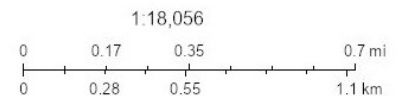
▲ C-108 Injector

GIS WATERS PODs

- Active
- Pending
- Plugged

□ OSE District Boundary

▬ Site Boundaries



Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community, Esri, HERE, Garmin, (c) OpenStreetMap contributors, Esri, HERE, Garmin, (c) OpenStreetMap contributors, and the GIS user community, U.S. Department of Energy Office of Legacy

Well 4: STATE A A/C 2 #99
 Location: Twn 22S Rge 36E Sec 5
 Footages: 9 FSL 1346 FWL
 County: Lea

XI. Exhibit D4a

Location For Office of the State Engineer:
 NAD 1983 UTM Zone 13
 Easting (X): **660646.531** mtrs
 Northing (Y): **3587564.751** mtrs

Water Wells Within 1 Mile Radius ** 3 Active**



New Mexico Office of the State Engineer Water Column/Average Depth to Water

(A CLW##### in the POD suffix indicates the POD has been replaced & no longer serves a water right file.)

(R=POD has been replaced,
 O=orphaned,
 C=the file is closed)

(quarters are 1=NW 2=NE 3=SW 4=SE)
 (quarters are smallest to largest)

(NAD83 UTM in meters)

(In feet)

POD Number	Code	POD Sub-basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Distance	DepthWell	DepthWater	Water Column
CP 00727		CP	LE	1	3	2	05	22S	36E	661130	3588673*	1209	267	212	55
CP 00727 CLW475753	O	CP	LE	1	3	2	05	22S	36E	661130	3588673*	1209	228	Duplicate	
CP 01854 POD1		CP	LE	2	4	2	08	22S	36E	661852	3587145	1275	250	190	60
CP 01789 POD1		CP	LE	4	3	3	08	22S	36E	660493	3586147	1425	165	DRY	
CP 01855 POD1		CP	LE	3	2	2	05	22S	36E	661508	3588874	1567	260	184	76

Water Analysis Available

Average Depth to Water: 195 feet
 Minimum Depth: 184 feet
 Maximum Depth: 212 feet

Record Count: 5

Basin/County Search:

Basin: Capitan

UTM NAD83 Radius Search (in meters):

Easting (X): 660646.531

Northing (Y): 3587564.751

Radius: 1609.3

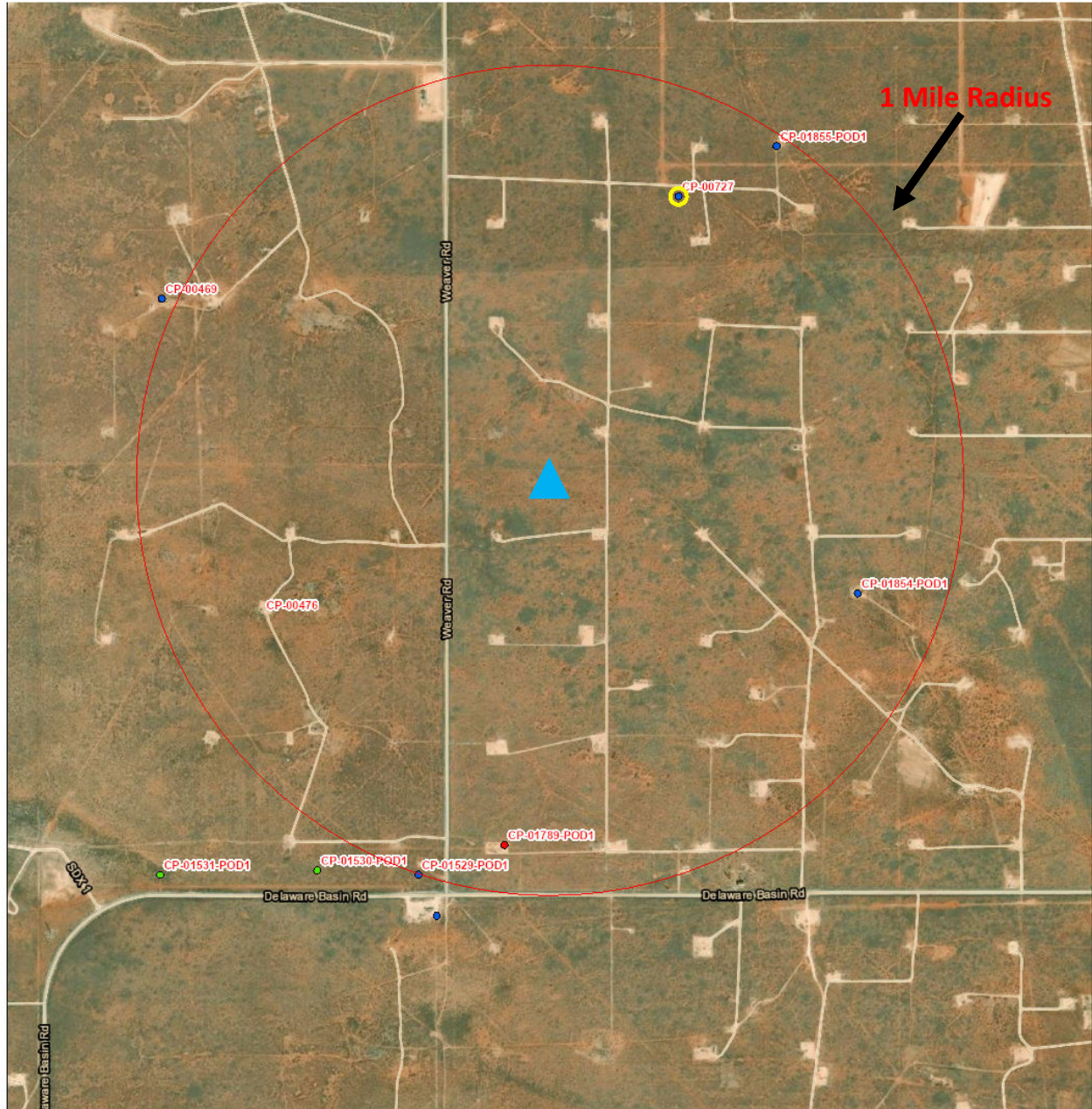
*UTM location was derived from PLSS - see Help

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

Well 4: STATE A A/C 2 #99
Location: Twn 22S Rge 36E Sec 5
Footages: 9 FSL 1346 FWL
County: Lea

XI. Exhibit D4b

Location For Office of the State Engineer:
NAD 1983 UTM Zone 13
Easting (X): **660646.531** mtrs
Northing (Y): **3587564.751** mtrs



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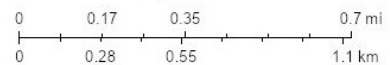
GIS WATERS PODs

- Active
- Pending
- Plugged

OSE District Boundary

▲ C-108 Injector

1:18,056



Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community, Esri, HERE, Garmin, (c) OpenStreetMap contributors, Esri, HERE, Garmin, (c) OpenStreetMap contributors, and the GIS user community, U.S. Department of Energy Office of Legacy

Well 5: STATE A A/C 2 #100
 Location: Twn 22S Rge 36E Sec 5
 Footages: 10 FSL 2595 FEL
 County: Lea

XI. Exhibit D5a

Location For Office of the State Engineer:
 NAD 1983 UTM Zone 13
 Easting (X): **661053.245** mtrs
 Northing (Y): **3587572.472** mtrs

Water Wells Within 1 Mile Radius

** 3 Active**



New Mexico Office of the State Engineer Water Column/Average Depth to Water

(A CLW##### in the POD suffix indicates the POD has been replaced & no longer serves a water right file.)

(R=POD has been replaced,
 O=orphaned,
 C=the file is closed)

(quarters are 1=NW 2=NE 3=SW 4=SE)
 (quarters are smallest to largest)

(NAD83 UTM in meters)

(In feet)

POD Number	Code	POD Sub-basin	County	Q 6	Q 16	Q 4	Sec	Tws	Rng	X	Y	Distance	DepthWell	DepthWater	Water Column
CP 01854 POD1		CP	LE	2	4	2	08	22S	36E	661852	3587145	905	250	190	60
CP 00727		CP	LE	1	3	2	05	22S	36E	661130	3588673*	1103	267	212	55
CP 00727 CLW475753	O	CP	LE	1	3	2	05	22S	36E	661130	3588673*	1103	228	Duplicate	
CP 01855 POD1		CP	LE	3	2	2	05	22S	36E	661508	3588874	1379	260	184	76
CP 01789 POD1		CP	LE	4	3	3	08	22S	36E	660493	3586147	1531	165	DRY	

Water Analysis Available

Average Depth to Water: **195 feet**
 Minimum Depth: **184 feet**
 Maximum Depth: **212 feet**

Record Count: 5

Basin/County Search:

Basin: Capitan

UTM NAD83 Radius Search (in meters):

Easting (X): 661053.245

Northing (Y): 3587572.472

Radius: 1609.3

*UTM location was derived from PLSS - see Help

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

Well 5: STATE A A/C 2 #100

XI. Exhibit D5b

Location: Twn 22S Rge 36E Sec 5

Footages: 10 FSL 2595 FEL

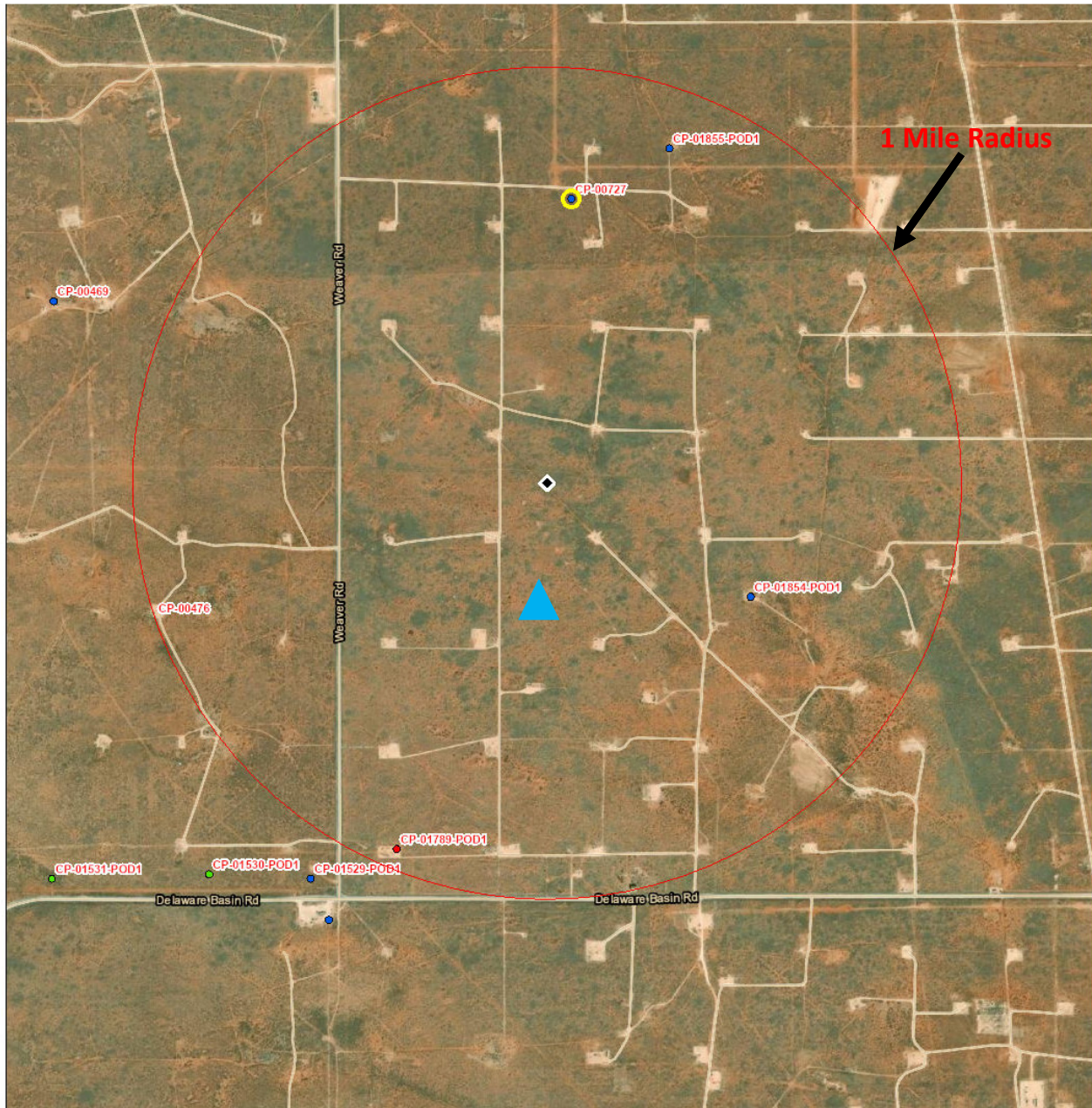
County: Lea

Location For Office of the State Engineer:

NAD 1983 UTM Zone 13

Easting (X): **661053.245** mtrs

Northing (Y): **3587572.472** mtrs



4/13/2022, 4:29:00 PM

GIS WATERS PODs

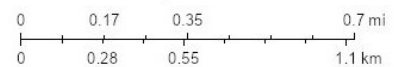
▲ C-108 Injector

- Active
- Pending
- Plugged

□ OSE District Boundary



1:18,056



Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community, Esri, HERE, Garmin, (c) OpenStreetMap contributors, Esri, HERE, Garmin, (c) OpenStreetMap contributors, and the GIS user community, U.S. Department of Energy Office of Legacy

Well 6: STATE A A/C 2 #101
 Location: Twn 22S Rge 36E Sec 5
 Footages: 10 FSL 1284 FEL
 County: Lea

XI. Exhibit D6a

Location For Office of the State Engineer:
 NAD 1983 UTM Zone 13
 Easting (X): **661452.828** mtrs
 Northing (Y): **3587580.118** mtrs

Water Wells Within 1 Mile Radius

**** 3 Active ****



New Mexico Office of the State Engineer Water Column/Average Depth to Water

(A CLW##### in the POD suffix indicates the POD has been replaced & no longer serves a water right file.)

(R=POD has been replaced,
 O=orphaned,
 C=the file is closed)

(quarters are 1=NW 2=NE 3=SW 4=SE)

(quarters are smallest to largest) (NAD83 UTM in meters)

(In feet)

POD Number	POD Code	Sub-basin	County	Q 1	Q 2	Q 3	Q 4	Sec	Twn	Rng	X	Y	Distance	Depth Well	Depth Water	Water Column
CP 01854 POD1		CP	LE	2	4	2	08	22S	36E		661852	3587145	589	250	190	60
CP 00727		CP	LE	1	3	2	05	22S	36E		661130	3588673*	1139	267	212	55
CP 00727 CLW475753		CP	LE	1	3	2	05	22S	36E		661130	3588673*	1139	228		<i>Duplicate</i>
CP 01855 POD1		CP	LE	3	2	2	05	22S	36E		661508	3588874	1295	260	184	76

Water Analysis Available

Average Depth to Water: **195 feet**
 Minimum Depth: **184 feet**
 Maximum Depth: **212 feet**

Record Count: 4

Basin/County Search:

Basin: Capitan

UTM NAD83 Radius Search (in meters):

Easting (X): 661452.828

Northing (Y): 3587580.118

Radius: 1609.3

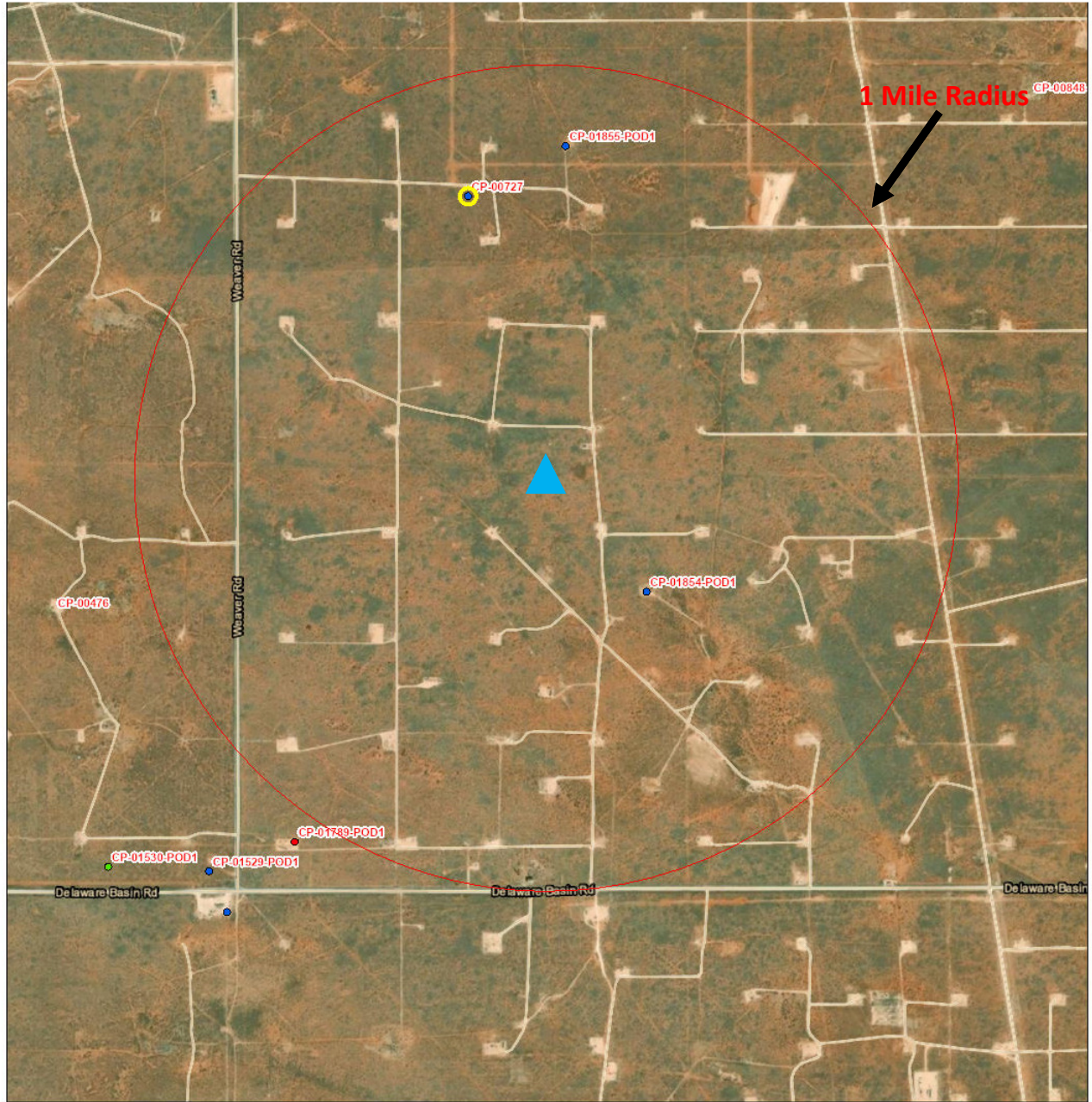
*UTM location was derived from PLSS - see Help

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

Well 6: STATE A A/C 2 #101
Location: Twn 22S Rge 36E Sec 5
Footages: 10 FSL 1284 FEL
County: Lea

XI. Exhibit D6b

Location For Office of the State Engineer:
NAD 1983 UTM Zone 13
Easting (X): **661452.828** mtrs
Northing (Y): **3587580.118** mtrs

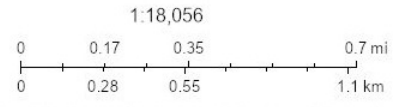


4/13/2022, 4:55:09 PM
GIS WATERS PODs

- Active
- Pending
- Plugged

□ OSE District Boundary

▲ C-108 Injector



Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community, Esri, HERE, Garmin, (c) OpenStreetMap contributors, Esri, HERE, Garmin, (c) OpenStreetMap contributors, and the GIS user community, U.S. Department of Energy Office of Legacy

Well 7: STATE A A/C 2 #102
 Location: Twn 22S Rge 36E Sec 8
 Footages: 1282 FNL 2610 FEL
 County: Lea

XI. Exhibit D7a

Location For Office of the State Engineer:
 NAD 1983 UTM Zone 13
 Easting (X): **661056.471** mtrs
 Northing (Y): **3587178.716** mtrs

Water Wells Within 1 Mile Radius

** 4 Active **



New Mexico Office of the State Engineer

Water Column/Average Depth to Water

(A CLW##### in the POD suffix indicates the POD has been replaced & no longer serves a water right file.)

(R=POD has been replaced,
 O=orphaned,
 C=the file is closed)

(quarters are 1=NW 2=NE 3=SW 4=SE)

(quarters are smallest to largest) (NAD83 UTM in meters)

(In feet)

POD Number	Code	POD Sub-basin	County	Q 4	Q 16	Q 4	Sec	Tws	Rng	X	Y	Distance	DepthWell	DepthWater	Water Column
CP 01854 POD1		CP	LE	2	4	2	08	22S	36E	661852	3587145	795	250	190	60
CP 01789 POD1		CP	LE	4	3	3	08	22S	36E	660493	3586147	1175	165		DRY
CP 01529 POD1		CP	LE	4	4	4	07	22S	36E	660160	3586028	1458	295	126	169
CP 00727		CP	LE	1	3	2	05	22S	36E	661130	3588673*	1496	267	212	55
CP 00727 CLW475753	O	CP	LE	1	3	2	05	22S	36E	661130	3588673*	1496	228		Duplicate
CP 01469 POD1		CP	LE	2	2	2	18	22S	36E	660234	3585869	1546	200	140	60

Water Analysis Available

Average Depth to Water: **167 feet**
 Minimum Depth: **126 feet**
 Maximum Depth: **212 feet**

Record Count: 6

Basin/County Search:

Basin: Capitan

UTMNAD83 Radius Search (in meters):

Easting (X): 661056.471

Northing (Y): 3587178.716

Radius: 1609.3

*UTM location was derived from PLSS - see Help

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

Well 7: STATE A A/C 2 #102
Location: Twn 22S Rge 36E Sec 8
Footages: 1282 FNL 2610 FEL
County: Lea

XI. Exhibit D7b

Location For Office of the State Engineer:
NAD 1983 UTM Zone 13
Easting (X): **661056.471** mtrs
Northing (Y): **3587178.716** mtrs



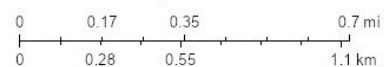
4/13/2022, 5:01:57 PM

▲ C-108 Injector

GIS WATERS PODs

- Active
- Pending
- Plugged
- OSE District Boundary

1:18,056



Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community, Esri, HERE, Garmin, (c) OpenStreetMap contributors, Esri, HERE, Garmin, (c) OpenStreetMap contributors, and the GIS user community, U.S. Department of Energy Office of Legacy

Well 8: STATE A A/C 2 #103
 Location: Twn 22S Rge 36E Sec 8
 Footages: 1229 FNL 1360 FWL
 County: Lea

XI. Exhibit D8a

Location For Office of the State Engineer:
 NAD 1983 UTM Zone 13
 Easting (X): **660657.501** mtrs
 Northing (Y): **3587189.970** mtrs

Water Wells Within 1 Mile Radius

**** 4 Active****



New Mexico Office of the State Engineer Water Column/Average Depth to Water

(A CLW##### in the POD suffix indicates the POD has been replaced & no longer serves a water right file.)

(R=POD has been replaced,
 O=orphaned,
 C=the file is closed)

(quarters are 1=NW 2=NE 3=SW 4=SE)

(quarters are smallest to largest) (NAD83 UTM in meters)

(In feet)

POD Number	Code	POD Sub-basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Distance	DepthWell	DepthWater	Water Column
CP 01789 POD1		CP	LE	4	3	3	08	22S	36E	660493	3586147	1055	165		DRY
CP 01854 POD1		CP	LE	2	4	2	08	22S	36E	661852	3587145	1195	250	190	60
CP 01529 POD1		CP	LE	4	4	4	07	22S	36E	660160	3586028	1263	295	126	169
CP 01469 POD1		CP	LE	2	2	2	18	22S	36E	660234	3585869	1386	200	140	60
CP 00727		CP	LE	1	3	2	05	22S	36E	661130	3588673*	1556	267	212	55
CP 00727 CLW475753	O	CP	LE	1	3	2	05	22S	36E	661130	3588673*	1556	228		Duplicate

Water Analysis Available

Average Depth to Water: **167 feet**
 Minimum Depth: **126 feet**
 Maximum Depth: **212 feet**

Record Count: 6

Basin/County Search:

Basin: Capitan

UTMNAD83 Radius Search (in meters):

Easting (X): 660657.501

Northing (Y): 3587189.97

Radius: 1609.3

*UTM location was derived from PLSS - see Help

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

Well 8: STATE A A/C 2 #103

XI. Exhibit D8b

Location: Twn 22S Rge 36E Sec 8

Footages: 1229 FNL 1360 FWL

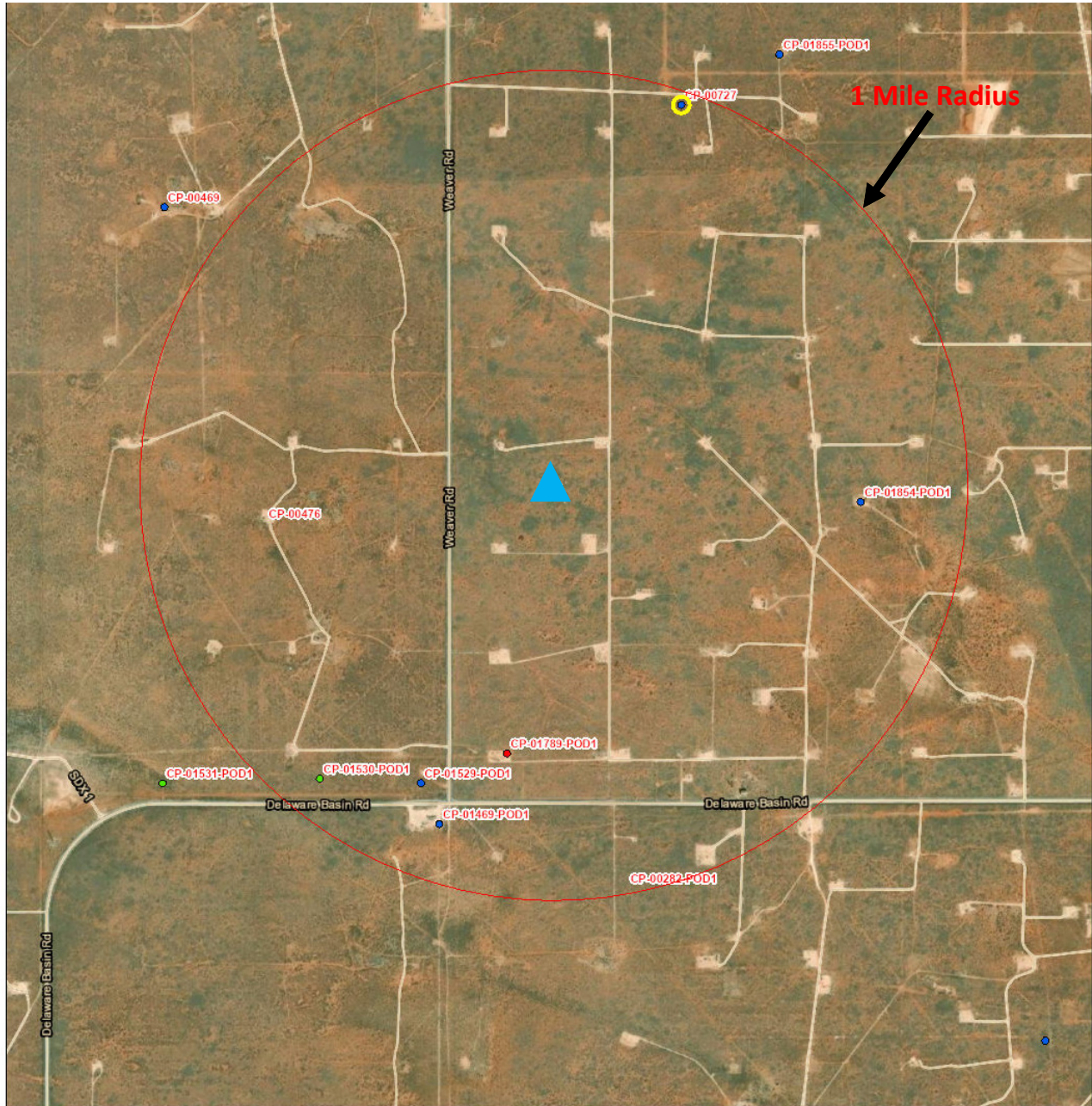
County: Lea

Location For Office of the State Engineer:

NAD 1983 UTM Zone 13

Easting (X): **660657.501** mtrs

Northing (Y): **3587189.970** mtrs



4/13/2022, 5:08:17 PM

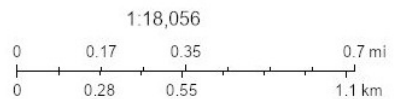
▲ C-108 Injector

GIS WATERS PODs

- Active
- Pending
- Plugged

OSE District Boundary

Site Boundaries



Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community, Esri, HERE, Garmin, (c) OpenStreetMap contributors, Esri, HERE, Garmin, (c) OpenStreetMap contributors, and the GIS user community, U.S. Department of Energy Office of Legacy

Well 9: STATE A A/C 2 #104
 Location: Twn 22S Rge 36E Sec 5
 Footages: 2642 FNL 1353 FWL
 County: Lea

XI. Exhibit D9a

Location For Office of the State Engineer:
 NAD 1983 UTM Zone 13
 Easting (X): **660633.310** mtrs
 Northing (Y): **3588367.217** mtrs

Water Wells Within 1 Mile Radius

**** 3 Active ****



New Mexico Office of the State Engineer
Water Column/Average Depth to Water

(A CLW##### in the POD suffix indicates the POD has been replaced & no longer serves a water right file.)

(R=POD has been replaced,
 O=orphaned,
 C=the file is closed)

(quarters are 1=NW 2=NE 3=SW 4=SE)

(quarters are smallest to largest) (NAD83 UTM in meters)

(In feet)

POD Number	Code	POD Sub-basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Distance	DepthWell	DepthWater	Water Column
CP 00727		CP	LE	1	3	2	05	22S	36E	661130	3588673*	583	267	212	55
CP 00727 CLW475753	O	CP	LE	1	3	2	05	22S	36E	661130	3588673*	583	228	<i>Duplicate</i>	
CP 01855 POD1		CP	LE	3	2	2	05	22S	36E	661508	3588874	1010	260	184	76
CP 00469		CP	LE	1	2	3	06	22S	36E	659127	3588245*	1511	220	195	25

Average Depth to Water: **197 feet**
 Minimum Depth: **184 feet**
 Maximum Depth: **212 feet**

Record Count: 4

Basin/County Search:

Basin: Capitan

UTMNAD83 Radius Search (in meters):

Easting (X): 660633.31

Northing (Y): 3588367.217

Radius: 1609.3

*UTM location was derived from PLSS - see Help

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

Well 9: STATE A A/C 2 #104

XI. Exhibit D9b

Location: Twn 22S Rge 36E Sec 5

Footages: 2642 FNL 1353 FWL

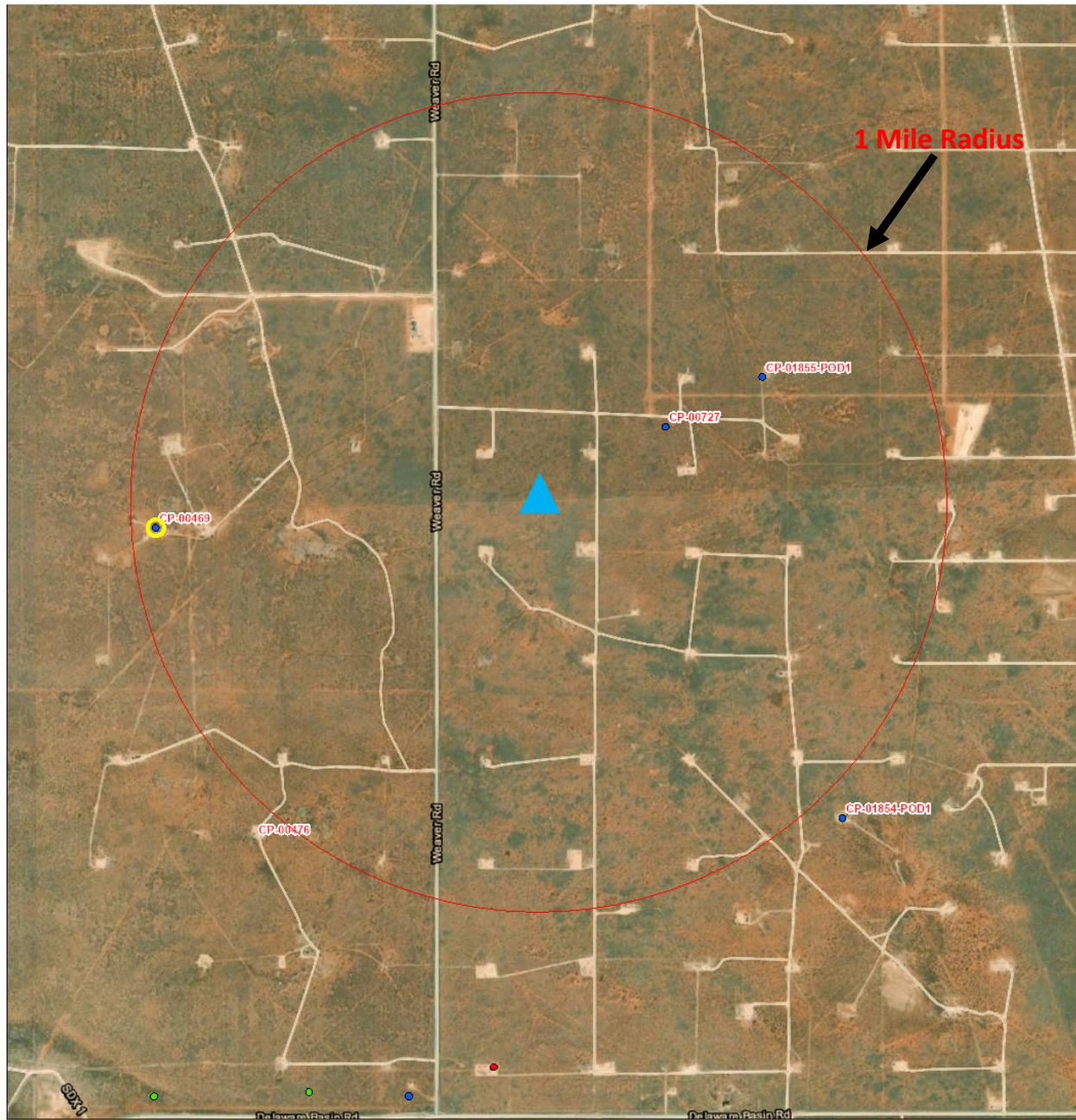
County: Lea

Location For Office of the State Engineer:

NAD 1983 UTM Zone 13

Easting (X): **660633.310** mtrs

Northing (Y): **3588367.217** mtrs

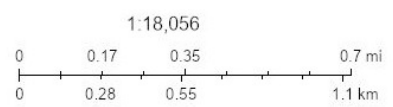


4/13/2022, 5:14:45 PM ▲ C-108 Injector

GIS WATERS PODs

- Active
- Pending
- Plugged

□ OSE District Boundary



Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community, Esri, HERE, Garmin, (c) OpenStreetMap contributors, Esri, HERE, Garmin, (c) OpenStreetMap contributors, and the GIS user community, U.S. Department of Energy Office of Legacy

Well 10: STATE A A/C 2 #105
 Location: Twn 22S Rge 36E Sec 5
 Footages: 1310 FNL 1346 FWL
 County: Lea

XI. Exhibit D10a

Location For Office of the State Engineer:
 NAD 1983 UTM Zone 13
 Easting (X): **660623.516** mtrs
 Northing (Y): **3588773.063** mtrs

Water Wells Within 1 Mile Radius

**** 3 Active ****



New Mexico Office of the State Engineer
Water Column/Average Depth to Water

(A CLW##### in the POD suffix indicates the POD has been replaced & no longer serves a water right file.)

(R=POD has been replaced,
 O=orphaned,
 C=the file is closed)

(quarters are 1=NW 2=NE 3=SW 4=SE)
 (quarters are smallest to largest)

(NAD83 UTM in meters)

(In feet)

POD Number	Code	POD Sub-basin	County	Q 6	Q 4	Q 2	Q 1	Sec	Tws	Rng	X	Y	Distance	DepthWell	DepthWater	Water Column
CP 00727		CP	LE	1	3	2	05	22S	36E		661130	3588673*	516	267	212	55
CP 00727 CLW475753	O	CP	LE	1	3	2	05	22S	36E		661130	3588673*	516	228		<i>Duplicate</i>
CP 01855 POD1		CP	LE	3	2	2	05	22S	36E		661508	3588874	889	260	184	76
CP 00469		CP	LE	1	2	3	06	22S	36E		659127	3588245*	1586	220	195	25

Average Depth to Water: **197 feet**
 Minimum Depth: **184 feet**
 Maximum Depth: **212 feet**

Record Count: 4

Basin/County Search:

Basin: Capitan

UTM NAD83 Radius Search (in meters):

Easting (X): 660623.516

Northing (Y): 3588773

Radius: 1609.3

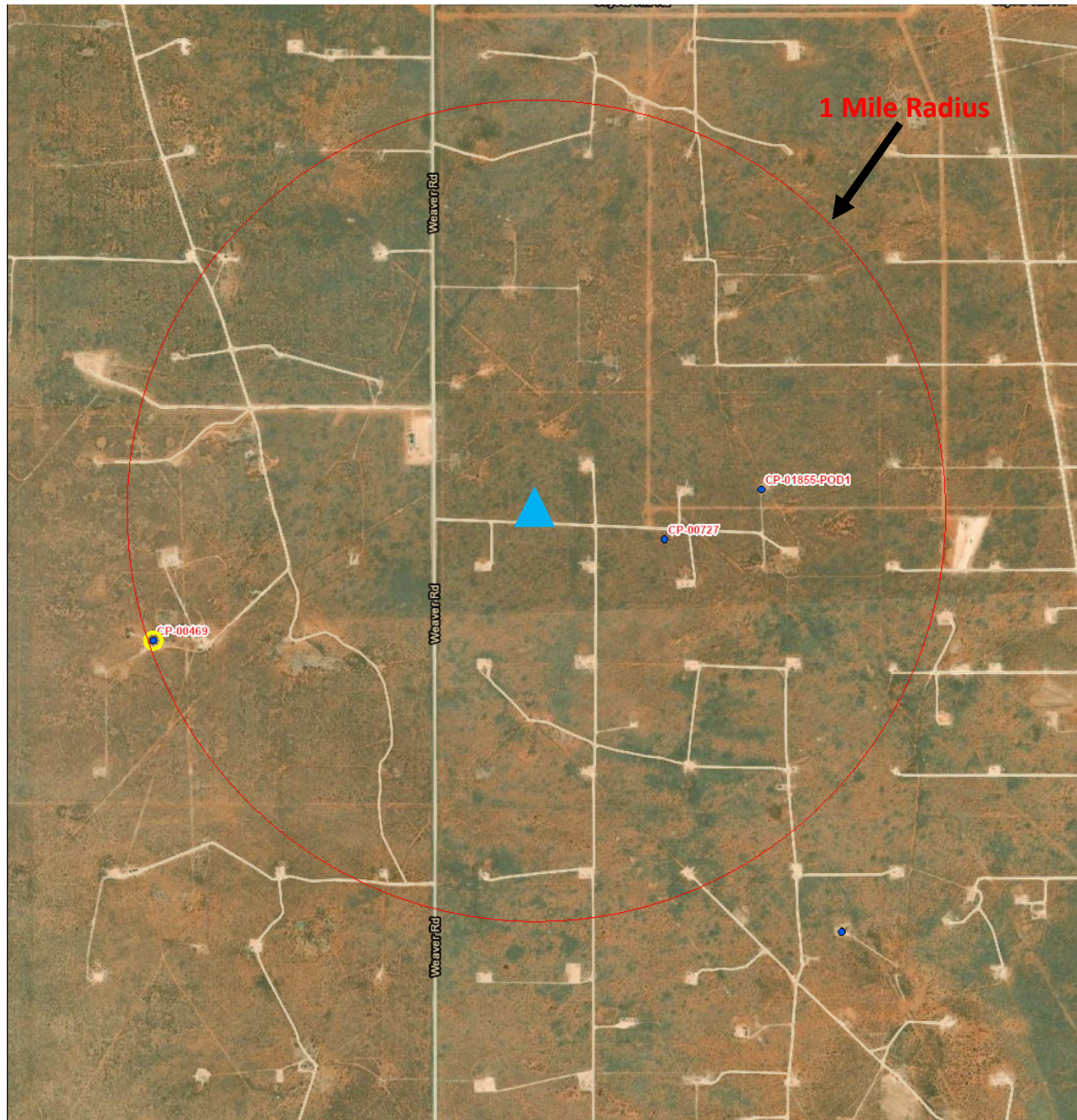
*UTM location was derived from PLSS - see Help

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

Well 10: STATE A A/C 2 #105
Location: Twn 22S Rge 36E Sec 5
Footages: 1310 FNL 1346 FWL
County: Lea

XI. Exhibit D10b

Location For Office of the State Engineer:
NAD 1983 UTM Zone 13
Easting (X): **660623.516** mtrs
Northing (Y): **3588773.063** mtrs

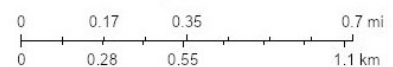


4/13/2022, 5:21:41 PM
GIS WATERS PODs

▲ C-108 Injector

- Active
- ▭ OSE District Boundary
- ▭ Site Boundaries

1:18,056



Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community, Esri, HERE, Garmin, (c) OpenStreetMap contributors, Esri, HERE, Garmin, (c) OpenStreetMap contributors, and the GIS user community, U.S. Department of Energy Office of Legacy

Well 11: STATE A A/C 2 #106
 Location: Twn 22S Rge 36E Sec 8
 Footages: 2616 FSL 1270 FWL
 County: Lea

XI. Exhibit D11a

Location For Office of the State Engineer:
 NAD 1983 UTM Zone 13
 Easting (X): **660643.224** mtrs
 Northing (Y): **3586758.677** mtrs

Water Wells Within 1 Mile Radius

**** 3 Active ****



New Mexico Office of the State Engineer
Water Column/Average Depth to Water

(A CLW##### in the POD suffix indicates the POD has been replaced & no longer serves a water right file.)

(R=POD has been replaced,
 O=orphaned,
 C=the file is closed)

(quarters are 1=NW 2=NE 3=SW 4=SE)

(quarters are smallest to largest) (NAD83 UTM in meters)

(In feet)

POD Number	Code	POD Sub-basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Distance	DepthWell	DepthWater	Water Column
CP 01789 POD1		CP	LE	4	3	3	08	22S	36E	660493	3586147	629	165		DRY
CP 01529 POD1		CP	LE	4	4	4	07	22S	36E	660160	3586028	875	295	126	169
CP 01469 POD1		CP	LE	2	2	2	18	22S	36E	660234	3585869	978	200	140	60
CP 01854 POD1		CP	LE	2	4	2	08	22S	36E	661852	3587145	1268	250	190	60

Water Analysis Available

Average Depth to Water: 152 feet
 Minimum Depth: 126 feet
 Maximum Depth: 190 feet

Record Count: 4

Basin/County Search:

Basin: Capitan County: Lea

UTMNAD83 Radius Search (in meters):

Easting (X): 660643.224 Northing (Y): 3586758.677 Radius: 1609.3

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

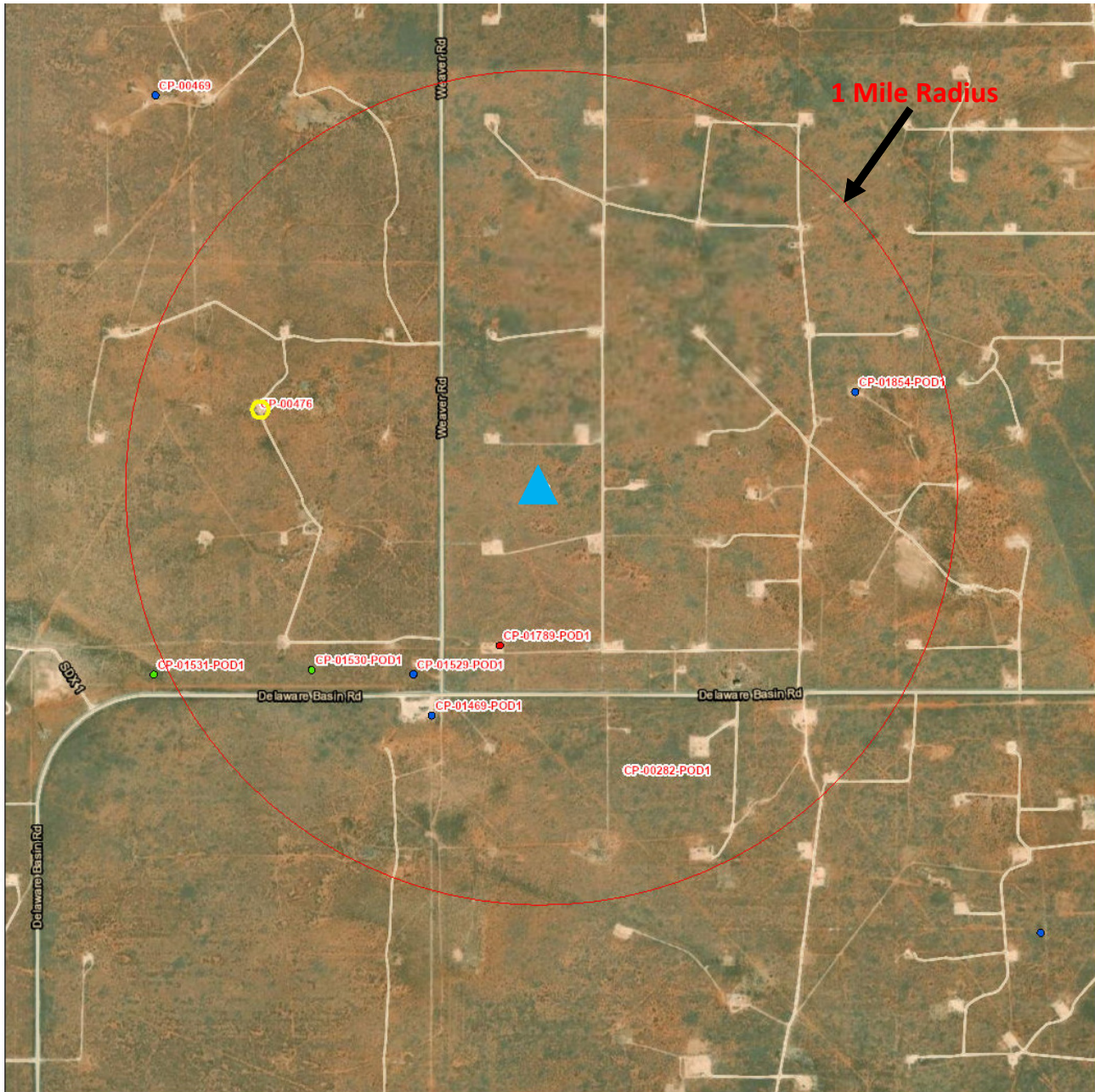
5/18/22 1:52 PM

WATER COLUMN/ AVERAGE DEPTH TO WATER

Well 11: STATE A A/C 2 #106
Location: Twn 22S Rge 36E Sec 8
Footages: 2616 FSL 1270 FWL
County: Lea

XI. Exhibit D11b

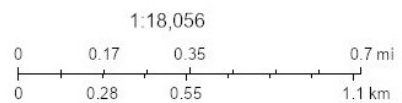
Location For Office of the State Engineer:
NAD 1983 UTM Zone 13
Easting (X): **660643.224** mtrs
Northing (Y): **3586758.677** mtrs



5/18/2022, 2:33:59 PM
GIS WATERS PODs

▲ C-108 Injector

- Active
- Pending
- Plugged
- ▭ Site Boundaries



Esri, HERE, Garmin, (c) OpenStreetMap contributors, Esri, HERE, Garmin, (c) OpenStreetMap contributors, and the GIS user community, Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community, U.S. Department of Energy Office of Legacy Management

Well 12: STATE A A/C 2 #107
 Location: Twn 22S Rge 36E Sec 8
 Footages: 2631 FNL 2616 FEL
 County: Lea

XI. Exhibit D12a

Location For Office of the State Engineer:
 NAD 1983 UTM Zone 13
 Easting (X): **661062.668** mtrs
 Northing (Y): **3586767.819** mtrs

Water Wells Within 1 Mile Radius

**** 3 Active ****



New Mexico Office of the State Engineer
Water Column/Average Depth to Water

(A CLW##### in the POD suffix indicates the POD has been replaced & no longer serves a water right file.)

(R=POD has been replaced,
 O=orphaned,
 C=the file is closed)

(quarters are 1=NW 2=NE 3=SW 4=SE)

(quarters are smallest to largest)

(NAD83 UTM in meters)

(In feet)

POD Number	Code	POD Sub-basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Distance	DepthWell	DepthWater	Water Column
CP 01789 POD1		CP	LE	4	3	3	08	22S	36E	660493	3586147	842	165		DRY
CP 01854 POD1		CP	LE	2	4	2	08	22S	36E	661852	3587145	874	250	190	60
CP 01529 POD1		CP	LE	4	4	4	07	22S	36E	660160	3586028	1166	295	126	169
CP 01469 POD1		CP	LE	2	2	2	18	22S	36E	660234	3585869	1222	200	140	60

Water Analysis Available

Average Depth to Water: **152 feet**
 Minimum Depth: **126 feet**
 Maximum Depth: **190 feet**

Record Count: 4

Basin/County Search:

Basin: Capitan

County: Lea

UTM NAD83 Radius Search (in meters):

Easting (X): 661062.668

Northing (Y): 3586767.819

Radius: 1609.3

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

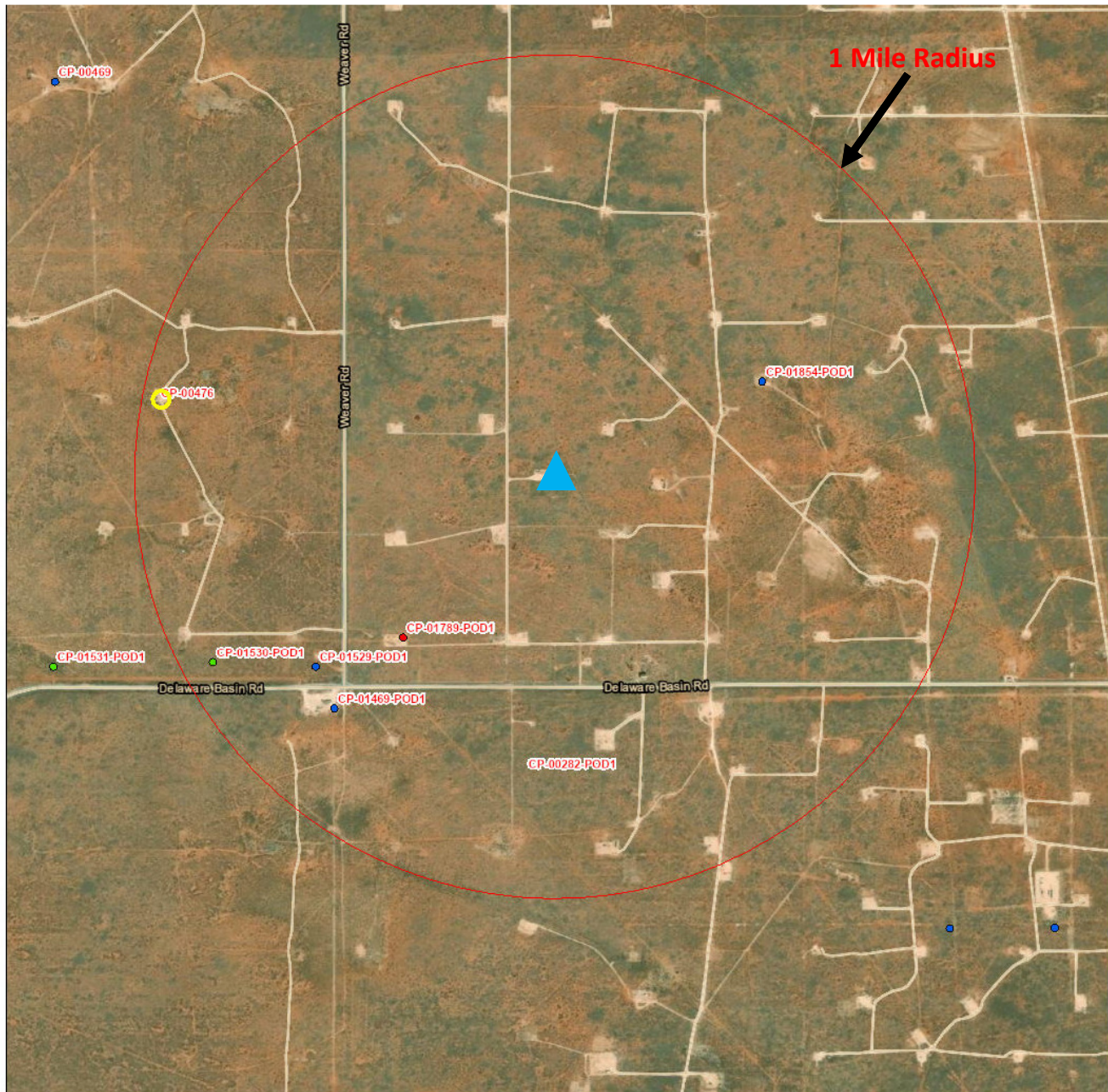
5/18/22 1:58 PM

WATER COLUMN/ AVERAGE DEPTH TO WATER

Well 12: STATE A A/C 2 #107
Location: Twn 22S Rge 36E Sec 8
Footages: 2631 FNL 2616 FEL
County: Lea

XI. Exhibit D12b

Location For Office of the State Engineer:
NAD 1983 UTM Zone 13
Easting (X): **661062.668** mtrs
Northing (Y): **3586767.819** mtrs

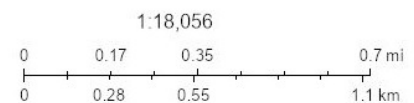


5/18/2022, 2:55:41 PM
GIS WATERS PODs

▲ C-108 Injector

- Active
- Pending
- Plugged

Site Boundaries



Esri, HERE, Garmin, (c) OpenStreetMap contributors, Esri, HERE, Garmin, (c) OpenStreetMap contributors, and the GIS user community; Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community, U.S. Department of Energy Office of Legacy Management

Well 13: STATE A A/C 2 #108
 Location: Twn 22S Rge 36E Sec 8
 Footages: 1383 FSL 2563 FEL
 County: Lea

XI. Exhibit D13a

Location For Office of the State Engineer:
 NAD 1983 UTM Zone 13
 Easting (X): **661086.265** mtrs
 Northing (Y): **3586386.838** mtrs

Water Wells Within 1 Mile Radius

**** 3 Active ****



New Mexico Office of the State Engineer Water Column/Average Depth to Water

(A CLW##### in the POD suffix indicates the POD has been replaced & no longer serves a water right file.)

(R=POD has been replaced,
 O=orphaned,
 C=the file is closed)

(quarters are 1=NW 2=NE 3=SW 4=SE)

(quarters are smallest to largest) (NAD83 UTM in meters)

(In feet)

POD Number	Code	POD Sub-basin	County	Q 4	Q 16	Q 4	Sec	Tws	Rng	X	Y	Distance	DepthWell	DepthWater	Water Column
CP 01789 POD1		CP	LE	4	3	3	08	22S	36E	660493	3586147	639	165		DRY
CP 01529 POD1		CP	LE	4	4	4	07	22S	36E	660160	3586028	992	295	126	169
CP 01469 POD1		CP	LE	2	2	2	18	22S	36E	660234	3585869	997	200	140	60
CP 01854 POD1		CP	LE	2	4	2	08	22S	36E	661852	3587145	1077	250	190	60

Water Analysis Available

Average Depth to Water: 152 feet
 Minimum Depth: 126 feet
 Maximum Depth: 190 feet

Record Count: 4

Basin/County Search:

Basin: Capitan County: Lea

UTMNAD83 Radius Search (in meters):

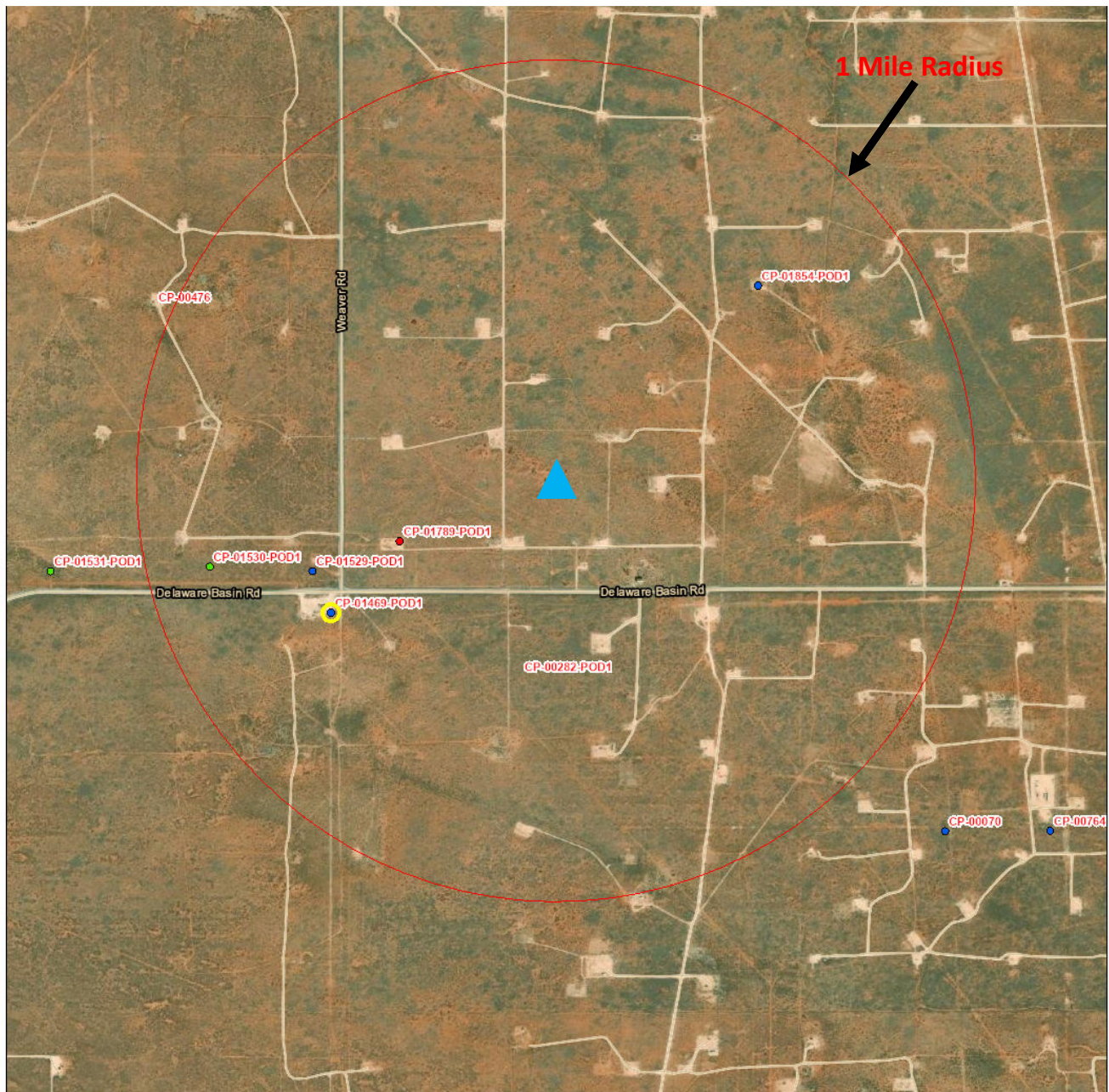
Easting (X): 661086.265 Northing (Y): 3586386.838 Radius: 1609.3

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

Well 13: STATE A A/C 2 #108
Location: Twn 22S Rge 36E Sec 8
Footages: 1383 FSL 2563 FEL
County: Lea

XI. Exhibit D13b

Location For Office of the State Engineer:
NAD 1983 UTM Zone 13
Easting (X): **661086.265** mtrs
Northing (Y): **3586386.838** mtrs

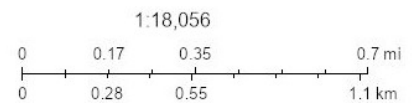


5/18/2022, 3:04:17 PM
GIS WATERS PODs

▲ C-108 Injector

- Active
- Pending
- Plugged

Site Boundary



Esri, HERE, Garmin, (c) OpenStreetMap contributors, Esri, HERE, Garmin, (c) OpenStreetMap contributors, and the GIS user community, Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community, U.S. Department of Energy Office of Legacy Management

Well 14: STATE A A/C 2 #109
 Location: Twn 22S Rge 36E Sec 8
 Footages: 1231 FSL 1243 FWL
 County: Lea

XI. Exhibit D14a

Location For Office of the State Engineer:
 NAD 1983 UTM Zone 13
 Easting (X): **660640.470** mtrs
 Northing (Y): **3586336.539** mtrs

Water Wells Within 1 Mile Radius

**** 3 Active ****



New Mexico Office of the State Engineer
Water Column/Average Depth to Water

(A CLW##### in the POD suffix indicates the POD has been replaced & no longer serves a water right file.)

(R=POD has been replaced,
 O=orphaned,
 C=the file is closed)

(quarters are 1=NW 2=NE 3=SW 4=SE)

(quarters are smallest to largest) (NAD83 UTM in meters)

(In feet)

POD Number	Code	POD Sub-basin	County	Q 6 4	Q 16 4	Q 3 4	Sec	Tws	Rng	X	Y	Distance	DepthWell	DepthWater	Water Column
CP 01789 POD1		CP	LE	4	3	3	08	22S	36E	660493	3586147	239	165		DRY
CP 01529 POD1		CP	LE	4	4	4	07	22S	36E	660160	3586028	570	295	126	169
CP 01469 POD1		CP	LE	2	2	2	18	22S	36E	660234	3585869	619	200	140	60
CP 01854 POD1		CP	LE	2	4	2	08	22S	36E	661852	3587145	1456	250	190	60

Water Analysis Available

Average Depth to Water: **152 feet**
 Minimum Depth: **126 feet**
 Maximum Depth: **190 feet**

Record Count: 4

Basin/County Search:

Basin: Capitan County: Lea

UTMNAD83 Radius Search (in meters):

Easting (X): 660640.47 Northing (Y): 3586336.539 Radius: 1609.3

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

Well 14: STATE A A/C 2 #109

XI. Exhibit D14b

Location: Twn 22S Rge 36E Sec 8

Footages: 1231 FSL 1243 FWL

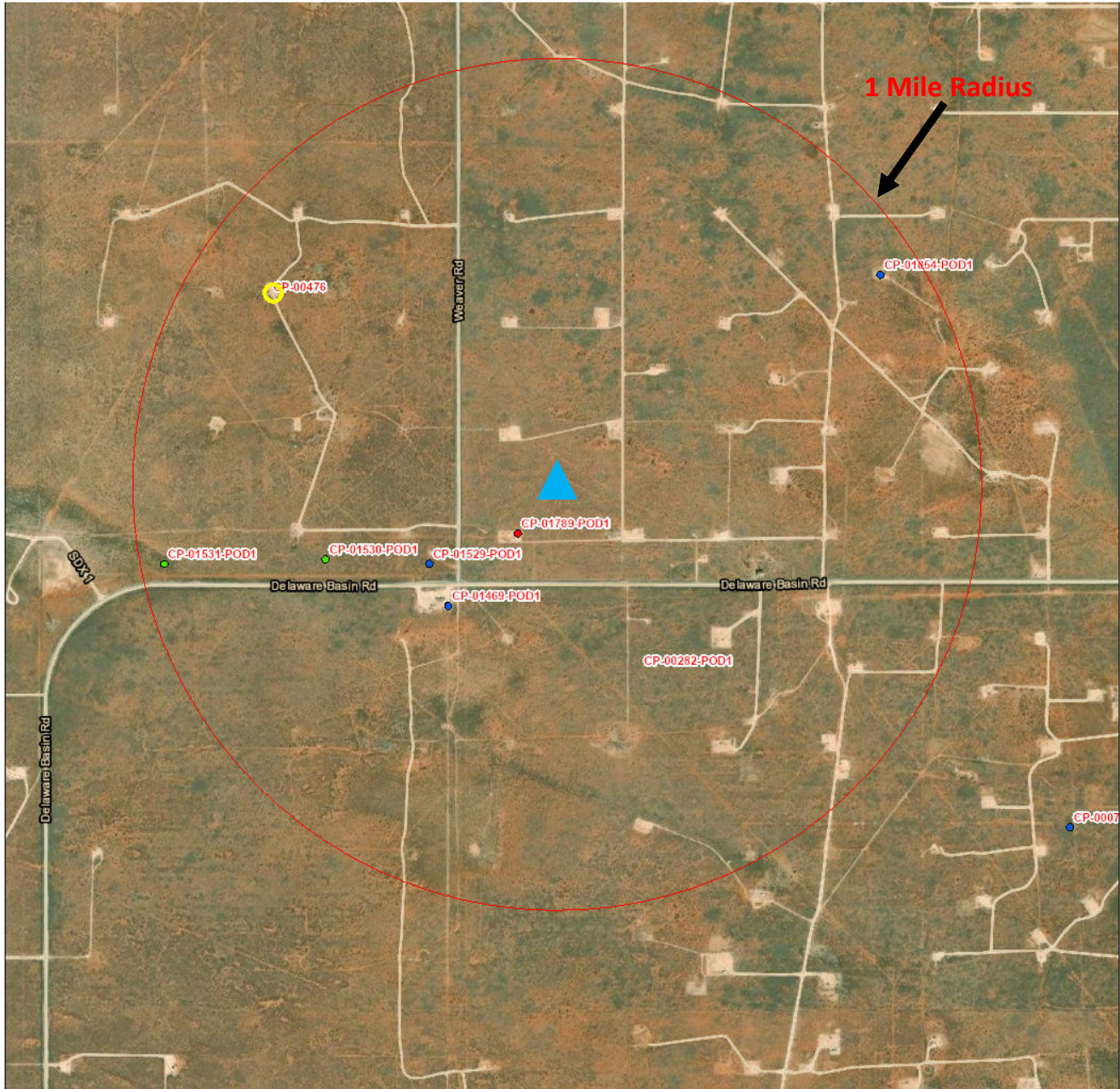
County: Lea

Location For Office of the State Engineer:

NAD 1983 UTM Zone 13

Easting (X): **660640.470** mtrs

Northing (Y): **3586336.539** mtrs



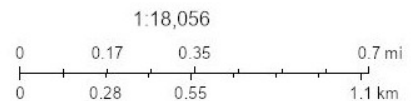
5/18/2022, 2:23:36 PM

GIS WATERS PODs

▲ C-108 Injector

- Active
- Pending
- Plugged

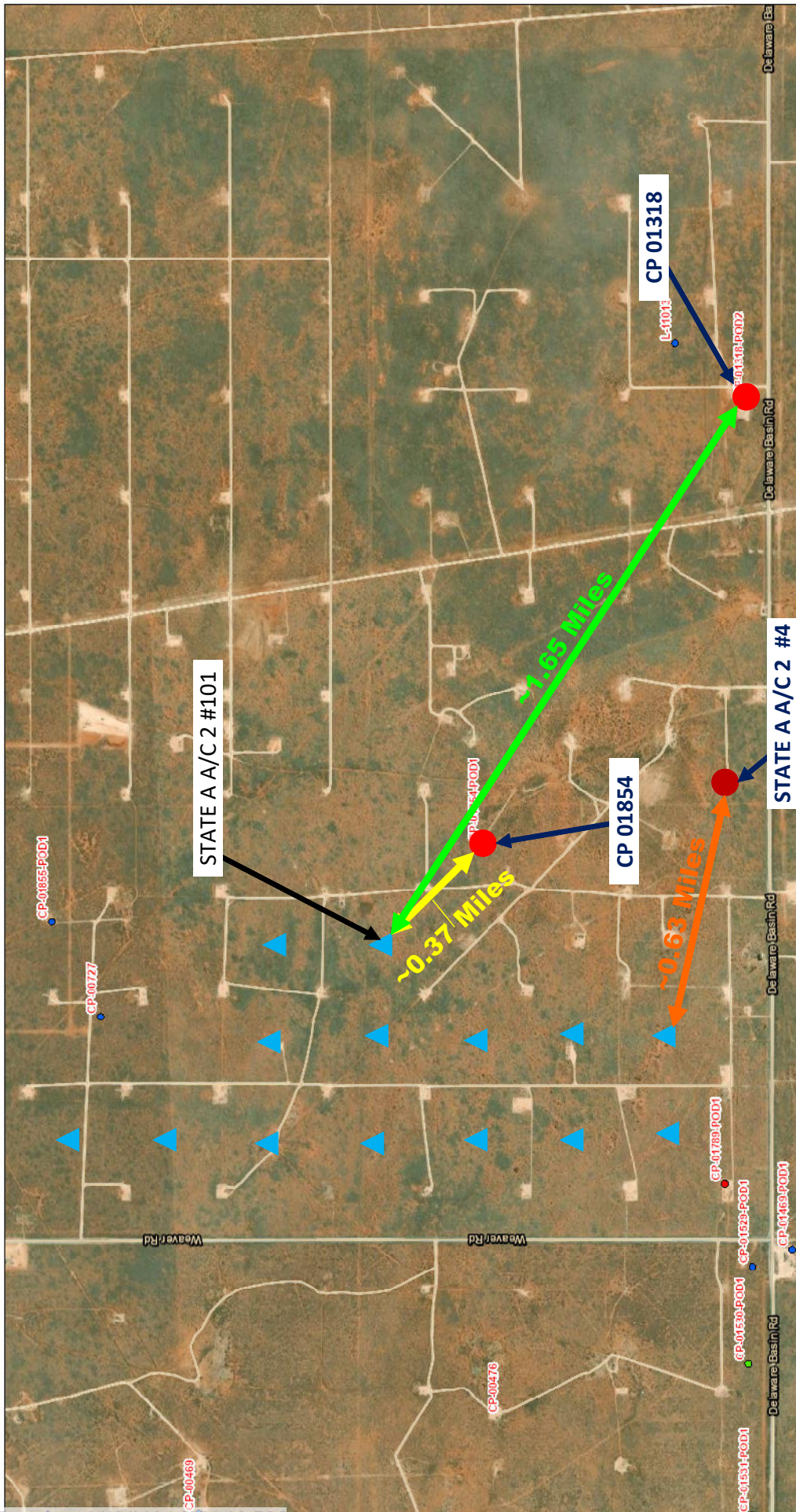
SiteBoundaries



Esri, HERE, Garmin, (c) OpenStreetMap contributors, Esri, HERE, Garmin, (c) OpenStreetMap contributors, and the GIS user community. Source: Esri, Maxar, Earthstar Geographics, and 110 GIS User Community, U.S. Department of Energy Office of Legacy Management.

Fresh Water Wells & Sample Locations

XI. Exhibit E1



Esri, HERE, Garmin, (c) OpenStreetMap contributors, Esri, HERE, Garmin, (c) OpenStreetMap contributors and the GIS user community, Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community, U.S. Department of Energy Office of Legacy Management

5/18/2022, 4:13:56 PM

GIS WATERS PODs

▲ C-108 Injector

- Active
- Pending
- Plugged
- Site Boundaries

XI. Exhibit E2

CP 01854 POD1

X: 661852 Y: 3587145

Imperative Water Analysis Report



SYSTEM IDENTIFICATION

Company: FAE II
 Location: Pod 1854
 Sample Source: Tank
 Account Rep: Junior Garcia

Sample ID#: W-42314

Sample Date: 07-15-2021
 Report Date: 07-29-2021

WATER CHEMISTRY

CATIONS

Calcium(as Ca)	67.82
Magnesium(as Mg)	24.54
Barium(as Ba)	0.0720
Strontium(as Sr)	1.17
Sodium(as Na)	3261
Potassium(as K)	5.94
Lithium(as Li)	0.0940
Iron(as Fe)	0.00
Manganese(as Mn)	0.00

ANIONS

Chloride(as Cl)	5200
Sulfate(as SO ₄)	16.00
Dissolved CO ₂ (as CO ₂)	10.00
Bicarbonate(as HCO ₃)	24.44
H ₂ S (as H ₂ S)	1.70
Boron(as B)	0.00

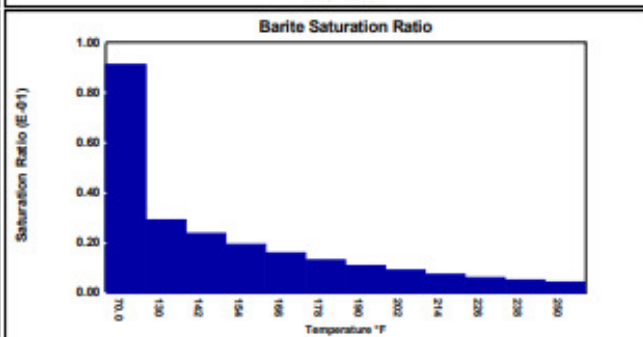
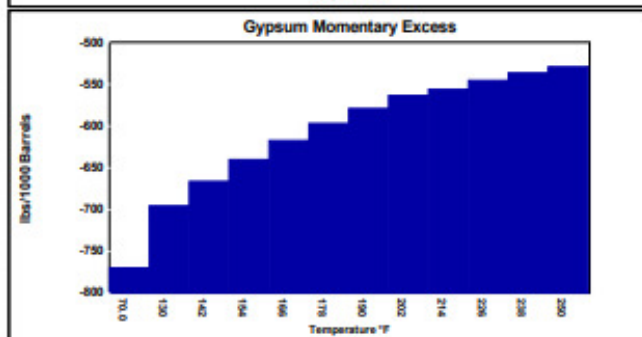
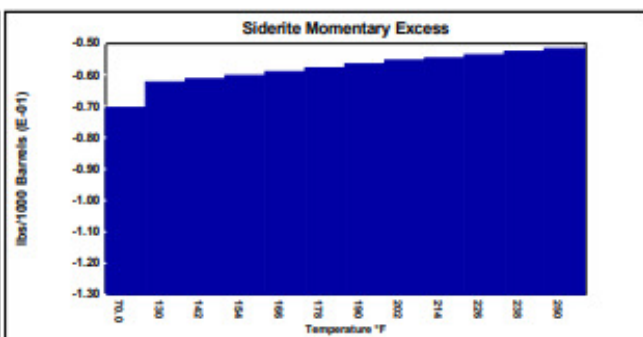
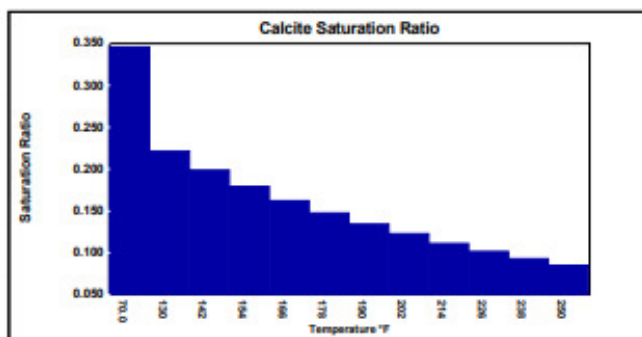
PARAMETERS

Temperature(°F)	77.00	Sample pH	8.30
Conductivity	14254	Sp.Gr.(g/mL)	1.005
Resistivity	70.15	T.D.S.	8629

SCALE AND CORROSION POTENTIAL

Temp. (°F)	Press. (atm)	Calcite CaCO ₃	Anhydrite CaSO ₄	Gypsum CaSO ₄ *2H ₂ O	Barite BaSO ₄	Celestite SrSO ₄	Siderite FeCO ₃	Mackinawite FeS	CO ₂ (mpy)	pCO ₂ (atm)							
70.00	1.000	0.345	-0.510	< 0.001	-898.35	0.00108	-770.02	0.0909	-0.413	< 0.001	-89.12	0.00	-0.0706	0.00	-0.00270	0.00243	< 0.001
130.00	10.000	0.221	-0.403	< 0.001	-708.54	0.00124	-696.00	0.0291	-1.28	0.00102	-82.25	0.00	-0.0624	0.00	-0.0129	0.0112	0.00109
142.00	19.000	0.198	-0.394	0.00109	-655.46	0.00133	-666.75	0.0237	-1.55	0.00103	-81.48	0.00	-0.0614	0.00	-0.0169	0.0114	0.00207
154.00	28.000	0.179	-0.386	0.00127	-600.18	0.00142	-640.74	0.0194	-1.86	0.00104	-80.88	0.00	-0.0603	0.00	-0.0219	0.0127	0.00306
166.00	37.000	0.162	-0.378	0.00151	-544.44	0.00151	-617.68	0.0159	-2.21	0.00104	-80.43	0.00	-0.0591	0.00	-0.0279	0.0137	0.00404
178.00	46.000	0.147	-0.372	0.00182	-489.63	0.00159	-597.33	0.0131	-2.60	0.00104	-80.15	0.00	-0.0579	0.00	-0.0352	0.0132	0.00502
190.00	55.000	0.134	-0.366	0.00222	-436.83	0.00166	-579.50	0.0109	-3.04	0.00103	-80.03	0.00	-0.0566	0.00	-0.0438	0.00707	0.00600
202.00	64.000	0.122	-0.362	0.00275	-386.83	0.00173	-564.01	0.00901	-3.54	0.00102	-80.09	0.00	-0.0554	0.00	-0.0539	0.00624	0.00698
214.00	73.000	0.111	-0.367	0.00338	-343.98	0.00176	-556.74	0.00737	-4.15	< 0.001	-81.16	0.00	-0.0548	0.00	-0.0663	0.00764	0.00797
226.00	82.000	0.101	-0.366	0.00425	-300.78	0.00181	-545.86	0.00614	-4.78	< 0.001	-81.65	0.00	-0.0537	0.00	-0.0799	0.00923	0.00895
238.00	91.000	0.0924	-0.367	0.00540	-261.30	0.00185	-536.91	0.00512	-5.47	< 0.001	-82.33	0.00	-0.0527	0.00	-0.0953	0.0110	0.00993
250.00	100.000	0.0845	-0.370	0.00691	-225.58	0.00188	-529.82	0.00427	-6.24	< 0.001	-83.21	0.00	-0.0517	0.00	-0.113	0.0126	0.0109

Saturation Ratios (xSAT) are the ratio of ion activity to solubility, e.g. {Ca}{CO₃}/K_{sp}. pCO₂ (atm) is the partial pressure of CO₂ in the gas phase.
 Lbs/1000 Barrels scale is the quantity of precipitation (or dissolution) required to instantaneously bring the water to equilibrium.



XI. Exhibit E3

CP 01318 POD2

X: 663672 Y: 3586106



PHONE (575) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

Analytical Results For:

FORTY ACRES ENERGY 11777 KATY FREEWAY STE. 305 B HOUSTON TX, 77079	Project: BLACKBEARD AREA Project Number: FRESH WATER Project Manager: JAMES MARTINEZ Fax To:	Reported: 03-Aug-21 14:50
--	---	------------------------------

**POD 2 - CP-01318
H212024-02 (Water)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
---------	--------	-----	-----------------	-------	----------	-------	---------	----------	--------	-------

Cardinal Laboratories

Inorganic Compounds

Chloride*	24.0		4.00	mg/L	1	1080304	GM	03-Aug-21	4500-Cl-B	
TDS*	321		5.00	mg/L	1	1080213	AC	03-Aug-21	160.1	
Sulfide, total	<0.0100		0.0100	mg/L	1	1080305	AC	03-Aug-21	376.2	A-01

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

XI. Exhibit E4



PHONE (575) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

Analytical Results For:

FORTY ACRES ENERGY 11777 KATY FREEWAY STE. 305 B HOUSTON TX, 77079	Project: BLACKBEARD AREA Project Number: FRESH WATER Project Manager: JAMES MARTINEZ Fax To:	Reported: 03-Aug-21 14:50
--	---	------------------------------

Inorganic Compounds - Quality Control Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1072912 - Filtration										
Blank (1072912-BLK1) Prepared: 29-Jul-21 Analyzed: 02-Aug-21										
TDS	ND	5.00	mg/L							
LCS (1072912-BS1) Prepared: 29-Jul-21 Analyzed: 02-Aug-21										
TDS	541		mg/L	500		108	80-120			
Duplicate (1072912-DUP1) Source: H211989-06 Prepared: 29-Jul-21 Analyzed: 02-Aug-21										
TDS	332000	5.00	mg/L		340000			2.61	20	
Batch 1080213 - Filtration										
Blank (1080213-BLK1) Prepared: 02-Aug-21 Analyzed: 03-Aug-21										
TDS	ND	5.00	mg/L							
LCS (1080213-BS1) Prepared: 02-Aug-21 Analyzed: 03-Aug-21										
TDS	542		mg/L	500		108	80-120			
Duplicate (1080213-DUP1) Source: H212007-04 Prepared: 02-Aug-21 Analyzed: 03-Aug-21										
TDS	807	5.00	mg/L		789			2.26	20	
Batch 1080304 - General Prep - Wet Chem										
Blank (1080304-BLK1) Prepared & Analyzed: 03-Aug-21										
Chloride	ND	4.00	mg/L							
LCS (1080304-BS1) Prepared & Analyzed: 03-Aug-21										
Chloride	104	4.00	mg/L	100		104	80-120			

Cardinal Laboratories

*=Accredited Analyte

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XI. Exhibit E5



PHONE (575) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

Analytical Results For:

FORTY ACRES ENERGY 11777 KATY FREEWAY STE. 305 B HOUSTON TX, 77079	Project: BLACKBEARD AREA Project Number: FRESH WATER Project Manager: JAMES MARTINEZ Fax To:	Reported: 03-Aug-21 14:50
--	---	------------------------------

Inorganic Compounds - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1080304 - General Prep - Wet Chem										
LCS Dup (1080304-BSD1)					Prepared & Analyzed: 03-Aug-21					
Chloride	104	4.00	mg/L	100	104	104	80-120	0.00	20	
Batch 1080305 - General Prep - Wet Chem										
Blank (1080305-BLK1)					Prepared & Analyzed: 03-Aug-21					
Sulfide, total	ND	0.0100	mg/L							

Cardinal Laboratories

*=Accredited Analyte

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Elroy D. Keene

XI. Exhibit E6

Impact Water Analysis Report



SYSTEM IDENTIFICATION

Company: Blackbeard
 Location: State A A/C 2 #4
 Sample Source: Wellhead
 Salesman: David Garcia

Sample ID#: 93620

Sample Date: 02-15-2018
 Report Date: 02-20-2018

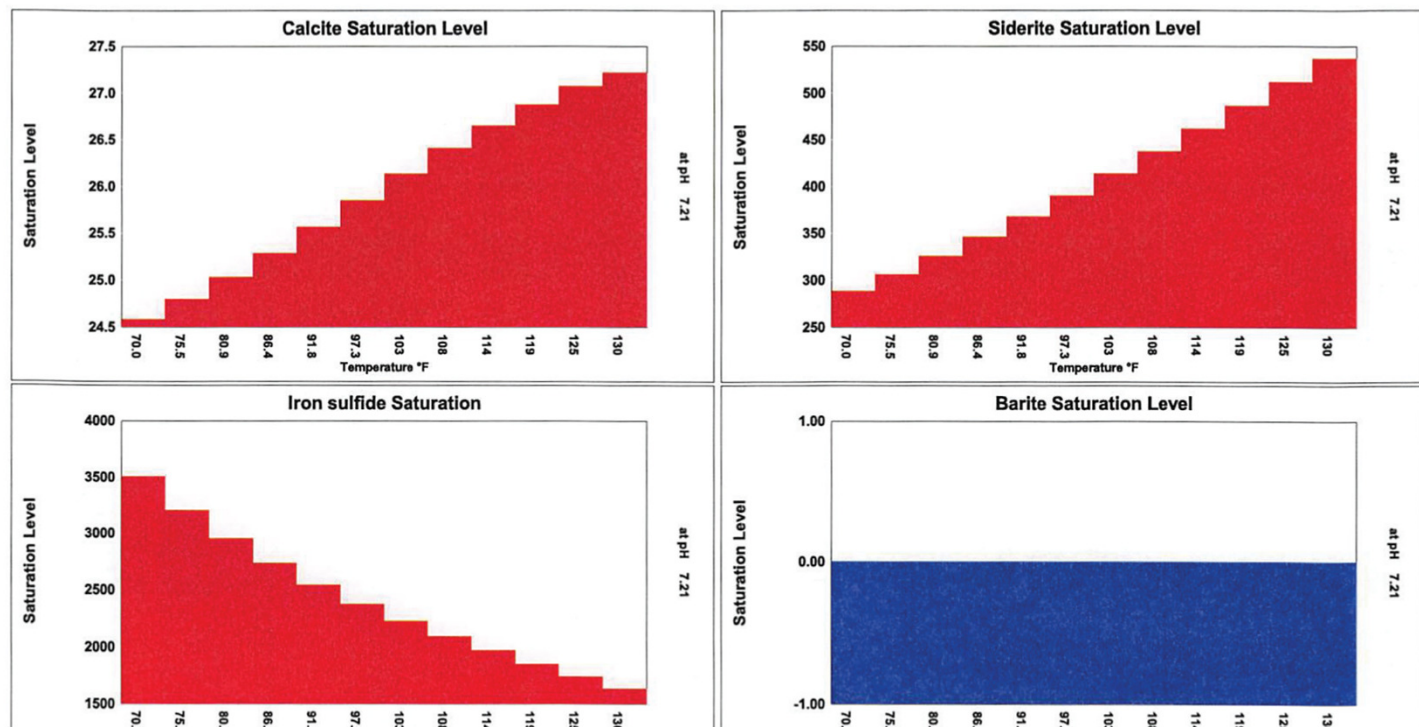
WATER CHEMISTRY

CATIONS		ANIONS	
Calcium(as Ca)	771.10	Chloride(as Cl)	4600
Magnesium(as Mg)	233.10	Sulfate(as SO ₄)	0.00
Barium(as Ba)	6.53	Dissolved CO ₂ (as CO ₂)	180.00
Strontium(as Sr)	17.37	Bicarbonate(as HCO ₃)	2784
Potassium(as K)	85.82	H ₂ S (as H ₂ S)	428.00
Lithium(as Li)	0.31	Boron(as B)	10.76
Iron(as Fe)	4.82	PARAMETERS	
Manganese(as Mn)	0.43	Temperature(°F)	77.00
		Sample pH	7.19
		Conductivity	13856
		T.D.S.	11856
		Resistivity	72.17
		Sp.Gr.(g/mL)	1.00

SCALE AND CORROSION POTENTIAL

Temp. (°F)	Press. (atm)	Calcite CaCO ₃	Anhydrite CaSO ₄	Gypsum CaSO ₄ *2H ₂ O	Barite BaSO ₄	Celestite SrSO ₄	Siderite FeCO ₃	Mackawenite FeS	CO ₂ (mpy)	pCO ₂ (atm)							
70.00	1.00	24.58	6.44	0.00	-2032	0.00	-1593	0.00	-3.81	0.00	-279.92	288.09	7.65	3504	2.46	0.122	0.280
75.45	10.00	24.79	6.38	0.00	-2042	0.00	-1627	0.00	-4.27	0.00	-282.09	305.98	7.58	3203	2.44	0.204	1.54
80.91	19.00	25.03	6.32	0.00	-2042	0.00	-1658	0.00	-4.74	0.00	-283.46	325.47	7.52	2950	2.43	0.196	2.80
86.36	28.00	25.28	6.27	0.00	-2033	0.00	-1686	0.00	-5.23	0.00	-284.20	346.05	7.47	2732	2.42	0.180	4.06
91.82	37.00	25.56	6.23	0.00	-2015	0.00	-1710	0.00	-5.73	0.00	-284.42	367.72	7.42	2543	2.40	0.168	5.32
97.27	46.00	25.85	6.19	0.00	-1988	0.00	-1732	0.00	-6.23	0.00	-284.23	390.15	7.38	2377	2.39	0.159	6.58
102.73	55.00	26.13	6.16	0.00	-1954	0.00	-1751	0.00	-6.74	0.00	-283.72	413.36	7.34	2229	2.38	0.153	7.84
108.18	64.00	26.41	6.14	0.00	-1916	0.00	-1718	0.00	-7.28	0.00	-283.36	437.18	7.32	2093	2.36	0.138	9.10
113.64	73.00	26.65	6.09	0.00	-1867	0.00	-1675	0.00	-7.82	0.00	-282.57	461.47	7.27	1970	2.35	0.122	10.36
119.09	82.00	26.87	6.06	0.00	-1816	0.00	-1637	0.00	-8.39	0.00	-282.15	486.28	7.23	1852	2.34	0.109	11.62
124.55	91.00	27.07	6.03	0.00	-1759	0.00	-1602	0.00	-8.99	0.00	-281.84	511.52	7.19	1742	2.32	0.0971	12.88
130.00	100.00	27.22	5.99	0.00	-1700	0.00	-1568	0.00	-9.62	0.00	-281.64	536.61	7.15	1636	2.31	0.0867	14.14
		xSAT mg/L	xSAT mg/L	xSAT mg/L	xSAT mg/L	xSAT mg/L	xSAT mg/L	xSAT mg/L	xSAT mg/L	xSAT mg/L	xSAT mg/L	xSAT mg/L	xSAT mg/L	xSAT mg/L	xSAT mg/L		

Saturation Levels (xSAT) are the ratio of ion activity to solubility, e.g. {Ca}{CO₃}/K_{sp}. pCO₂ (atm) is the partial pressure of CO₂ in the gas phase. mg/L scale is the quantity of precipitation (or dissolution) required to instantaneously bring the water to equilibrium.



XII. Based on the available geologic and engineering data, it has been determined that there is no evidence of open faults or any other hydrologic connection between the injection zone and shallow fresh water sources.

XIII. EMPIRE NEW MEXICO, LLC and UPLAND PRODUCTION COMPANY are the offset operators. The surface owner is Dasco Cattle Company, LLC

EMPIRE NEW MEXICO, LLC: 2200 S. Utica Place
Suite 150
Tulsa, OK 74114

UPLAND PRODUCTION COMPANY :
P.O. Box 1327
Edmond, OK 73034

DASCO CATTLE COMPANY, LLC: 3410 Rose Rd., Hobbs, NM, 88242, USA

STATE LAND OFFICE: 310 Old Santa Fe Trail, Santa Fe, NM 87501

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Return Receipt (electronic) \$

Certified Mail Restricted Delivery \$

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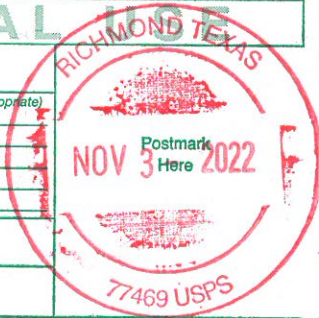
Adult Signature Restricted Delivery \$

Postage \$

Total Postage and Fees \$

Sent To NASCO Cattle Company LLC
Street and Apt. No., or PO Box No. 3410 Rose Rd.
City, State, ZIP+4® Hobbs, NM 88242

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions



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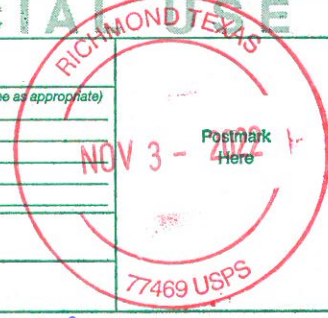
Adult Signature Restricted Delivery \$

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Total Postage and Fees \$

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Street and Apt. No., or PO Box No. 2200 S. Utica Place, Ste. 150
City, State, ZIP+4® Tulsa, OK 74114

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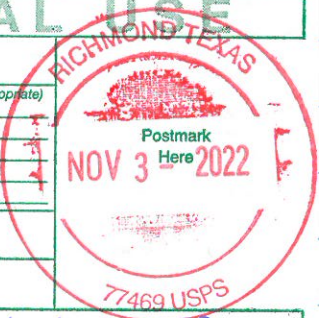
Adult Signature Restricted Delivery \$

Postage \$

Total Postage and Fees \$

Sent To New Mexico State Land Office
Street and Apt. No., or PO Box No. 310 Old Santa Fe Trail
City, State, ZIP+4® Santa Fe, NM 87504

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Adult Signature Required \$

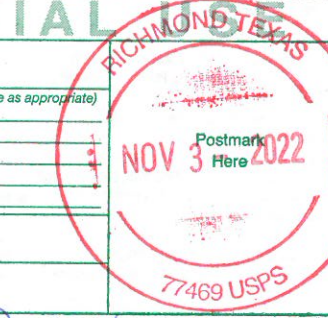
Adult Signature Restricted Delivery \$

Postage \$

Total Postage and Fees \$

Sent To Uoland Production Company
Street and Apt. No., or PO Box No. P.O. Box 1320
City, State, ZIP+4® Edmond, OK 73034

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions



SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

DASCO Cattle Company, LLC
 3410 Rose Rd.
 Hobbs, NM 88242



9590 9402 7113 1251 7055 08

2. Article Number (Transfer from service label)

7022 0410 0000 6081 3934

PS Form 3811, July 2020 PSN 7530-02-000-9053

COMPLETE THIS SECTION ON DELIVERY

A. Signature

[Handwritten Signature]

- Agent
- Addressee

B. Received by (Printed Name)

Danielle Snyder

C. Date of Delivery

11-16-22

D. Is delivery address different from item 1? Yes
If YES, enter delivery address below: No

3. Service Type

- Adult Signature
- Adult Signature Restricted Delivery
- Certified Mail®
- Certified Mail Restricted Delivery
- Collect on Delivery
- Collect on Delivery Restricted Delivery
- Insured Mail (over \$500)
- Priority Mail Express®
- Registered Mail™
- Registered Mail Restricted Delivery
- Signature Confirmation™
- Signature Confirmation Restricted Delivery

Domestic Return Receipt

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Upland Production Company
 P.O. Box 1327
 Edmond, OK 73034



9590 9402 7113 1251 7055 15

2. Article Number (Transfer from service label)

7022 0410 0000 6081 3965

PS Form 3811, July 2020 PSN 7530-02-000-9053

COMPLETE THIS SECTION ON DELIVERY

A. Signature

[Handwritten Signature]

- Agent
- Addressee

B. Received by (Printed Name)

Aisha Johnson

C. Date of Delivery

11/15/22

D. Is delivery address different from item 1? Yes
If YES, enter delivery address below: No

3. Service Type

- Adult Signature
- Adult Signature Restricted Delivery
- Certified Mail®
- Certified Mail Restricted Delivery
- Collect on Delivery
- Collect on Delivery Restricted Delivery
- Insured Mail (over \$500)
- Priority Mail Express®
- Registered Mail™
- Registered Mail Restricted Delivery
- Signature Confirmation™
- Signature Confirmation Restricted Delivery



Domestic Return Receipt

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

New Mexico State Land Office
 310 Old Santa Fe Trail
 Santa Fe, NM 87504



9590 9402 7113 1251 7055 22

2. Article Number (Transfer from service label)

7022 0410 0000 6081 3941

PS Form 3811, July 2020 PSN 7530-02-000-9053

COMPLETE THIS SECTION ON DELIVERY

A. Signature

[Handwritten Signature]

- Agent
- Addressee

B. Received by (Printed Name)

C. Date of Delivery

D. Is delivery address different from item 1? Yes
If YES, enter delivery address below: No

3. Service Type

- Adult Signature
- Adult Signature Restricted Delivery
- Certified Mail®
- Certified Mail Restricted Delivery
- Collect on Delivery
- Collect on Delivery Restricted Delivery
- Insured Mail (over \$500)
- Priority Mail Express®
- Registered Mail™
- Registered Mail Restricted Delivery
- Signature Confirmation™
- Signature Confirmation Restricted Delivery

Domestic Return Receipt

Affidavit of Publication

STATE OF NEW MEXICO
COUNTY OF LEA

I, Daniel Russell, Publisher of the Hobbs News-Sun, a newspaper published at Hobbs, New Mexico, solemnly swear that the clipping attached hereto was published in the regular and entire issue of said newspaper, and not a supplement thereof for a period of 1 issue(s).

Beginning with the issue dated
November 08, 2022
and ending with the issue dated
November 08, 2022.



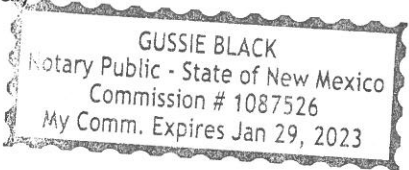
Publisher

Sworn and subscribed to before me this
8th day of November 2022.



Business Manager

My commission expires
January 29, 2023
(Seal)



This newspaper is duly qualified to publish legal notices or advertisements within the meaning of Section 3, Chapter 167, Laws of 1937 and payment of fees for said

FAE II Operating, LLC announces its intent to apply to the New Mexico Oil Conservation Division (NMOCD) for an Authorization to Inject for the to inject for each of the injection wells in the table below.

API	OPERATOR	WELL NAME & #	PTD	WELL TYPE	SPUD_DATE	COMP_DATE	TOWNSHIP	RANGE	SECTION	FOOTAGE	LAT(WGS 84)	LONG(WGS 84)
TBD	FAE II Operating LLC	STATE A A/C 2 #100	4300	LOC-INJ	TBD	TBD	2Z5	36E	5	2595 FEL 10 FSL	32.413603	-103.287303
TBD	FAE II Operating LLC	STATE A A/C 2 #101	4300	LOC-INJ	TBD	TBD	2Z5	36E	5	1284 FEL 10 FSL	32.413614	-103.283054
TBD	FAE II Operating LLC	STATE A A/C 2 #104	4300	LOC-INJ	TBD	TBD	2Z5	36E	5	1353 FWL 2642 FNL	32.42083	-103.291632
TBD	FAE II Operating LLC	STATE A A/C 2 #105	4300	LOC-INJ	TBD	TBD	2Z5	36E	5	1346 FWL 1310 FNL	32.424491	-103.291667
TBD	FAE II Operating LLC	STATE A A/C 2 #96	4300	LOC-INJ	TBD	TBD	2Z5	36E	5	1300 FEL 1350 FSL	32.417297	-103.283101
TBD	FAE II Operating LLC	STATE A A/C 2 #97	4300	LOC-INJ	TBD	TBD	2Z5	36E	5	2622 FEL 1350 FSL	32.417286	-103.287385
TBD	FAE II Operating LLC	STATE A A/C 2 #98	4300	LOC-INJ	TBD	TBD	2Z5	36E	5	1335 FWL 1354 FSL	32.417288	-103.291679
TBD	FAE II Operating LLC	STATE A A/C 2 #99	4300	LOC-INJ	TBD	TBD	2Z5	36E	5	1346 FWL 9 FSL	32.413592	-103.291628
TBD	FAE II Operating LLC	STATE A A/C 2 #102	4300	LOC-INJ	TBD	TBD	2Z5	36E	8	2610 FEL 1282 FNL	32.410052	-103.287336
TBD	FAE II Operating LLC	STATE A A/C 2 #103	4300	LOC-INJ	TBD	TBD	2Z5	36E	8	1360 FWL 1229 FNL	32.410211	-103.291575
TBD	FAE II Operating LLC	STATE A A/C 2 #106	4300	LOC-INJ	TBD	TBD	2Z5	36E	8	1270 FWL 2616 FSL	32.406324	-103.2918
TBD	FAE II Operating LLC	STATE A A/C 2 #107	4300	LOC-INJ	TBD	TBD	2Z5	36E	8	2616 FEL 2631 FNL	32.406346	-103.28734
TBD	FAE II Operating LLC	STATE A A/C 2 #108	4300	LOC-INJ	TBD	TBD	2Z5	36E	8	2563 FEL 1383 FSL	32.402907	-103.287154
TBD	FAE II Operating LLC	STATE A A/C 2 #109	4300	LOC-INJ	TBD	TBD	2Z5	36E	8	1243 FWL 1231 FSL	32.402518	-103.291901

All listed wells in the table are located in the Seven Rivers/Queen formations with a depth interval of approximately 3,500'-4,000' true vertical depth. Maximum injection pressure will be calculated relative to the depth of the highest perforation, using a factor of 0.3 psi/ft. Average injection pressure will be ~900 psi. Maximum injection rate will be 1200 bbl/day per injector. For questions or comments about this application, contact the operator Forty Acres Energy, LLC, Attn: Huxley Song, 11757 Katy Freeway, Ste. 725, Houston, TX 77079. Phone #: (832) 706-0057. For objections or requests for hearing, contact the New Mexico Oil Conservation Division, 1120 South St. Francis Drive, Santa Fe, NM 87505, within 15 days.

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 564532

CONDITIONS

Operator: NEW MEXICO ENERGY MINERALS & NATURAL RESOURCE 1220 S St Francis Dr Santa Fe , NM 87504	OGRID: 264235
	Action Number: 564532
	Action Type: [IM-SD] Admin Order Support Doc (ENG) (IM-AAO)

CONDITIONS

Created By	Condition	Condition Date
pgoetze	None	3/18/2026