

**STATE OF NEW MEXICO
DEPARTMENT OF ENERGY, MINERALS AND NATURAL RESOURCES
OIL CONSERVATION DIVISION**

**APPLICATION OF FAE II OPERATING, LLC FOR
APPROVAL OF AN ENHANCED OIL RECOVERY
PROJECT AND TO QUALIFY THE PROJECT FOR
THE RECOVERED OIL TAX RATE,
LEA COUNTY, NEW MEXICO.**

CASE NO. _____

APPLICATION

FAE II Operating, LLC ("FAE" or "Applicant") applies for an order approving an enhanced oil recovery project and qualifying the project for the recovered oil tax rate. In support of this application, applicant states the following.

1. Applicant (OGRID No. 329326) is engaged in the business of producing and selling oil and gas.

2. Applicant's address is 11757 Katy Freeway, Suite 725, Houston, Texas 77079, (832) 706-0041.

3. Applicant is a working interest owner in the proposed North Jal Unit (the "Unit Area"), which comprises approximately 7,859.35 acres of the following federal, state, and fee lands located in Lea County, New Mexico:

Township 24 South, Range 36 East, N.M.P.M.

Section 25: S/2
Section 26: E2SE
Section 35: E2NE
Section 36: ALL

Township 24 South, Range 37 East, N.M.P.M.

Section 19: E/2
Section 20: SW/4, SWNW
Section 29: W/2
Section 30: NE/4, S/2
Section 31 : ALL

Section 32: ALL

Township 25 South, Range 36 East, N.M.P.M.

Section 1: All

Township 25 South, Range 37 East, N.M.P.M.

Section 4: W/2, W2E2, SESE

Section 5: ALL

Section 6: ALL

Section 7: NW/4, E2NE, NWNE

Section 8: E/2, NW/4

Section 9: ALL

Section 17: E/2

4. The unitized interval is the Yates – Seven Rivers – Queen formations, as further described in the unitization application filed concurrently with this application.

5. Applicant will be the operator of the Unit Area.

6. Applicant proposes to institute an enhanced oil recovery project (secondary and tertiary recovery) in the Unit Area through the injection of water and gas (natural gas and/or carbon dioxide).

7. Applicant proposes to initially inject water into the Yates – Seven Rivers – Queen formations through the following wells:

Existing Langlie Mattix; Seven Rivers – Queen Wells to be Converted to Injection

| | |
|---|--|
| API NUMBER: 30-025-25608 Well: CITIES THOMAS #3 Location: 24S-37E Sec 19 Footages:660 FEL 2310 FNL | API NUMBER: 30-025-25755 Well: ADELE SOWELL #2 Location: 24S-37E Sec 19 Footages:660 FEL 1650 FSL |
|---|--|

| | |
|---|---|
| API NUMBER: 30-025-25630 Well: ADELE SOWELL #1 Location: 24S-37E Sec 19 Footages:990 FEL 330 FSL | API NUMBER: 30-025-26437 Well: KIMMY #3 Location: 24S-37E Sec 29 Footages:330 FWL 1650 FSL |
| API NUMBER: 30-025-33881 Well: C D WOOLWORTH #10 Location: 24S-37E Sec 30 Footages:2630 FEL 1400 FSL | |

Proposed New Drill Injection Wells

| | |
|---|---|
| Well: FLUOR HARRISON #2 Location: 24S-37E Sec 20 Footages:1158 FSL 1136 FWL | Well: KIMMY #5 Location: 24S-37E Sec 29 Footages:201 FNL 1120 FWL |
| Well: KIMMY #6 Location: 24S-37E Sec 29 Footages:1085 FSL 1299 FWL | Well: JACK B 30 #5 Location: 24S-37E Sec 30 Footages:1030 FNL 1416 FEL |
| Well: JACK B 30 #6 Location: 24S-37E Sec 30 Footages:1348 FNL 250 FEL | Well: JACK B 30 #7 Location: 24S-37E Sec 30 Footages:2320 FNL 248 FEL |
| Well: JACK B 30 #8 Location: 24S-37E Sec 30 Footages:2523 FNL 1340 FEL | Well: C D WOOLWORTH #12 Location: 24S-37E Sec 30 Footages:1461 FSL 1210 FEL |
| Well: C D WOOLWORTH #13 Location: 24S-37E Sec 30 Footages:1323 FSL 1212 FWL | Well: C D WOOLWORTH #14 Location: 24S-37E Sec 30 Footages:109 FSL 1249 FWL |

8. Additional injection wells will also be drilled on an ongoing basis. The injection wells within the Unit Area are anticipated to be a combination of existing well conversions and new drills. Applicant seeks authorization to add injection wells to the project administratively, including wells that are converted and wells that will be used for the injection of gas.

9. Applicant requests that the enhanced oil recovery project for the Unit Area be qualified for the recovered oil tax rate, pursuant to the Enhanced Oil Recovery Act, NMSA 1978, Sections 7-29A-1 to -5, and New Mexico Oil Conservation Division ("Division") regulations.

Project data includes:

- (a) Number of initial producing wells: 27
- (b) Number of initial injection wells: 1
- (c) Number of injection wells at full development: 16
- (d) Capital costs of initial additional facilities: \$1,275,000
- (e) Estimated total initial project cost: \$17,341,000
- (f) Estimated value of incremental production (PV10): \$17,847,930
- (g) Estimated injection commencement date: April 2025
- (h) Type of injected fluid: Produced water
- (i) Anticipated injection volumes: 600-1500 BWPD/injector (pressure dependent - using a 0.25 psi/ft gradient, max injection pressure would be 850-925 psi for 3400-3700' perf depths)

10. The Form C-108 for the existing Langlie Mattix; Seven Rivers – Queen wells to be converted to injectors or newly drilled is attached as Exhibit A.

11. Approval of this project will prevent waste and protect correlative rights.

WHEREFORE, applicant requests that this application be set for hearing on January 4, 2024, after notice and hearing, the Division enter its order approving the application, and qualifying the enhanced oil recovery project as an Enhanced Oil Recovery Project subject to the recovered oil tax rate.

Respectfully submitted,

PADILLA LAW FIRM, P.A.

/s/ Ernest L. Padilla

ERNEST L. PADILLA

P.O. Box 2523

Santa Fe, NM 87504

Phone: (505) 988-7577

padillalawnm@outlook.com

Counsel for FAE II Operating, LLC

STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL
RESOURCES DEPARTMENT

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

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: _____
- 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: _____ DATE: _____
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: _____

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.

Side 1

INJECTION WELL DATA SHEET

OPERATOR: _____

WELL NAME & NUMBER: _____

WELL LOCATION: _____

| | | | | |
|---------------------------|-------------|-------------------------------|----------|-------|
| FOOTAGE LOCATION | UNIT LETTER | SECTION | TOWNSHIP | RANGE |
| <u>WELLBORE SCHEMATIC</u> | | <u>WELL CONSTRUCTION DATA</u> | | |

Surface Casing

Hole Size: _____ Casing Size: _____

Cemented with: _____ sx. *or* _____ ft³

Top of Cement: _____ Method Determined: _____

Intermediate Casing

Hole Size: _____ Casing Size: _____

Cemented with: _____ sx. *or* _____ ft³

Top of Cement: _____ Method Determined: _____

Production Casing

Hole Size: _____ Casing Size: _____

Cemented with: _____ sx. *or* _____ ft³

Top of Cement: _____ Method Determined: _____

Total Depth: _____

Injection Interval

_____ feet to _____

(Perforated or Open Hole; indicate which)

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
(Well 1 of 15)

INJECTION WELL DATA SHEET

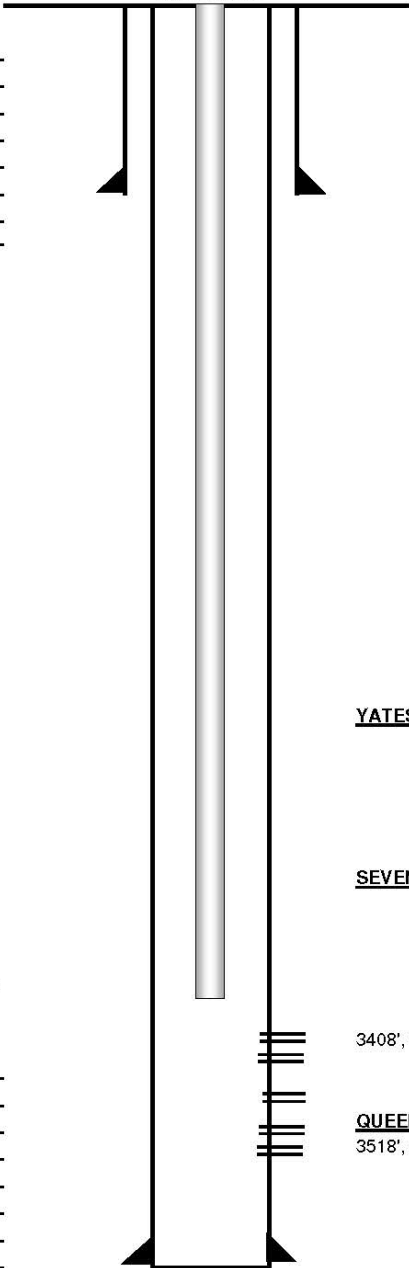
Well Name: CITIES THOMAS #003 Lease No: _____ Lease Type: FEE
 Township: 24S Range: 37-E Sec: 19-H Location: 2310' FNL & 660' FEL
 County: Lea State: NM API: 30-025-25608 Formation: [37240] LANGLEIE MATTIX;7 RVRS-QUEEN-GB

CURRENT

Surface Csg
 Size: 8-5/8"
 Wt.&Thrd: 28#
 Grade: B ST&C
 Set @: 445'
 Sxs cmt: 300 sxs
 Circ: 50 sxs
 TOC: Surface
 Hole Size: 11"

KB: 3302'
 DF: _____
 GL: 3291'
 Spud Date: 8/17/1977
 Compl. Date: 9/12/1977

History - Highlights
08/1977 - 09/1988: D&C well



YATES (Top @ 2957')

SEVEN RIVERS (Top @ 3199')

EOT 3350'

Production Csg
 Size: 4-1/2"
 Wt.&Thrd: 10.5#
 Grade: J-55 ST&C
 Set @: 3700'
 Sxs Cmt: 1000 sxs
 Circ: 175 sxs
 TOC: Surface
 Hole Size: 7-7/8"

3408', 3413', 3423', 3433', 3445', 3481' (1 SPF) - Sept 1977
 Acidize w/ QUEEN 4000 gal 15% MCA; SWF w/ 50,000 gals & 85,000# sand

QUEEN (Top @ 3505')
 3518', 3528', 3531', 3550', 3555' (1 SPF) - Sept 1977
 Acidize w/ Lwr 7 RVRS 4000 gal 15% MCA; SWF w/ 50,000 gals & 85,000# sand

Tubulars - Capacities and Performance

2-3/8" 4.7# J-55 8RD EUE tubing (open-ended) set @ 3350'

iii. Well Data
(Well 1 of 15)

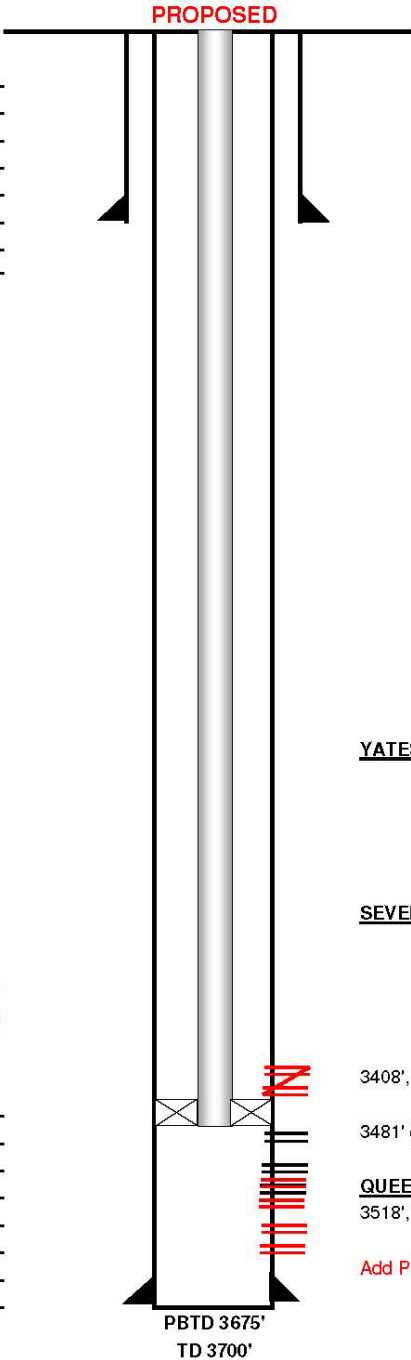
INJECTION WELL DATA SHEET

Well Name: CITIES THOMAS #003 Lease No: _____ Lease Type: FEE
 Township: 24S Range: 37-E Sec: 19-H Location: 2310' FNL & 660' FEL
 County: Lea State: NM API: 30-025-25608 Formation: [37240] LANGLEIE MATTIX;7 RVRS-QUEEN-GB

Surface Csg

Size: 8-5/8"
 Wt.&Thrd: 28#
 Grade: B ST&C
 Set @: 445'
 Sxs cmt: 300 sxs
 Circ: 50 sxs
 TOC: Surface
 Hole Size: 11"

KB: 3302'
 DF: _____
 GL: 3291'
 Spud Date: 8/17/1977
 Compl. Date: 9/12/1977



History - Highlights

08/1977 - 09/1988: D&C well

PROPOSED: Convert to Injector: Sqz perms f/ 3408' - 3445', add perms within injection interval & acidize Lwr 7 RVRs & QUEEN perms together w/ total of 5000 gals 15% HCL, 500# rock salt, & 300 bbls treated FW. Run 2-3/8" Internally Plastic Coated (IPC) injection tubing string & 2-3/8" x 4-1/2" AS1-X packer w/ ON/OFF tool. Set pkr @ ~3460'. Perform MIT test and chart for 30 min. Begin injection into interval (3470'-3660').

Proposed Injection Interval

Seven Rivers/Queen Inj. Zone
~3,445' to 3,660'
 Zone will be Perforated

YATES (Top @ 2957')

SEVEN RIVERS (Top @ 3199')

2-3/8" IPC Tbg abover pkr
 Injection Pkr 3460'

Production Csg

Size: 4-1/2"
 Wt.&Thrd: 10.5#
 Grade: J-55 ST&C
 Set @: 3700'
 Sxs Cmt: 1000 sxs
 Circ: 175 sxs
 TOC: Surface
 Hole Size: 7-7/8"

3408', 3413', 3423', 3433', 3445' (1 SPF) - Sept 1977 **[PROPOSED - SQUEEZE]**
 Acidize w/ QUEEN 4000 gal 15% MCA; SWF w/ 50,000 gals & 85,000# sand
 3481' (1 SPF) - Sept 1977

QUEEN (Top @ 3505')

3518', 3528', 3531', 3550', 3555' (1 SPF) - Sept 1977
 Acidize w/ Lwr 7 RVRs 4000 gal 15% MCA; SWF w/ 50,000 gals & 85,000# sand
 Add Perfs in injection interval (3470'-3660') for waterflood conformance **[PROPOSED]**

PBTD 3675'
 TD 3700'

Tubulars - Capacities and Performance

2-3/8" 4.7# J-55 8RD EUE Internally Plastic Coated Tubing, AS1-X Nickel-coated Packer w/ On/Off tool, packer set @ ~3460'

iii. Well Data

INJECTION WELL DATA SHEET

(Well 1 of 15)

OPERATOR: F AE II Operating, LLC

API NUMBER: 30-025-25608

WELL NAME & NUMBER: CITIES THOMAS #3

| | | | | |
|--|-------------|-----------|------------|------------|
| WELL LOCATION: <u>2310 FNL 660 FEL</u> | <u>H</u> | <u>19</u> | <u>24S</u> | <u>37E</u> |
| FOOTAGE LOCATION | UNIT LETTER | SECTION | TOWNSHIP | RANGE |

Additional Data

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

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

- Originally and currently a Gas well.

2. Name of the Injection Formation:

- Seven Rivers and Queen Formations

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

- [33820] JALMAT;TAN-YATES-7 RVRS (OIL) ;
- [37240] LANGLIE MATTIX;7 RVRS-Q-GRAYBURG

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

- This well has only been perforation within the Seven Rivers and Queen Formations.

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

- Overlying Oil/Gas Zone: Yates/Seven Rivers
 - Depth of Zone: 2,957'
- Underlying Oil Zone: Grayburg
 - Depth of Zone: +/- 4,000'

iii. Well Data
(Well 2 of 15)

INJECTION WELL DATA SHEET

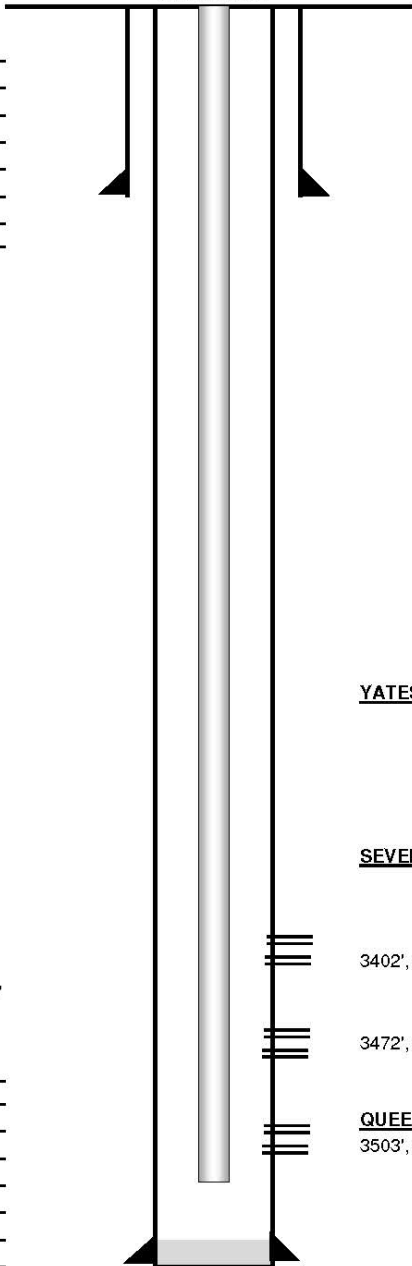
Well Name: ADELE SOWELL #001 Lease No: _____ Lease Type: FEE
 Township: 24S Range: 37-E Sec: 19-P Location: 330 FSL & 990 FEL
 County: Lea State: NM API: 30-025-25630 Formation: [37240] LANGLIE MATTIX;7 RVRS-QUEEN-GB

CURRENT

Surface Csg
 Size: 8-5/8"
 Wt.&Thrd: 28#
 Grade: B ST&C
 Set @: 463'
 Sxs cmt: 300 sxs
 Circ: 25 sxs
 TOC: Surface
 Hole Size: 11"

KB: 3286'
 DF: 3285'
 GL: 3275'
 Spud Date: 8/27/1977
 Compl. Date: 9/23/1977

History - Highlights
08/1977 - 09/1988: D&C well



YATES (Top @ 2935')

SEVEN RIVERS (Top @ 3175')

SN 3545'

3402', 3406', 3410', 3414', 3418', 3424', 3428', 3432', 3436' (1 SPF) - Oct 1977
Acidized w/ QUEEN 4,000 gals 15% MCA; SWF w/ 50,000 gals & 80,000# sand

3472', 3476', 3492' (1 SPF) - Oct 1977
Acidized w/ QUEEN 4,000 gals 15% MCA; SWF w/ 50,000 gals & 80,000# sand

QUEEN (Top @ 3500')
3503', 3507', 3511', 3515' (1 SPF) - Oct 1977
Acidized w/ Lwr 7 RVRs 4,000 gals 15% MCA; SWF w/ 50,000 gals & 80,000# sand

Production Csg
 Size: 4-1/2"
 Wt.&Thrd: 10.5#
 Grade: J-55 ST&C
 Set @: 3699'
 Sxs Cmt: 900 sxs
 Circ: 100 sxs
 TOC: Surface
 Hole Size: 7-7/8"

PBTB 3657'
TD 3700'

Tubulars - Capacities and Performance

2-3/8" Tubing (111 its 2-3/8" tbg, SN)
 Rods: 140- 3/4" rods, 2- subs

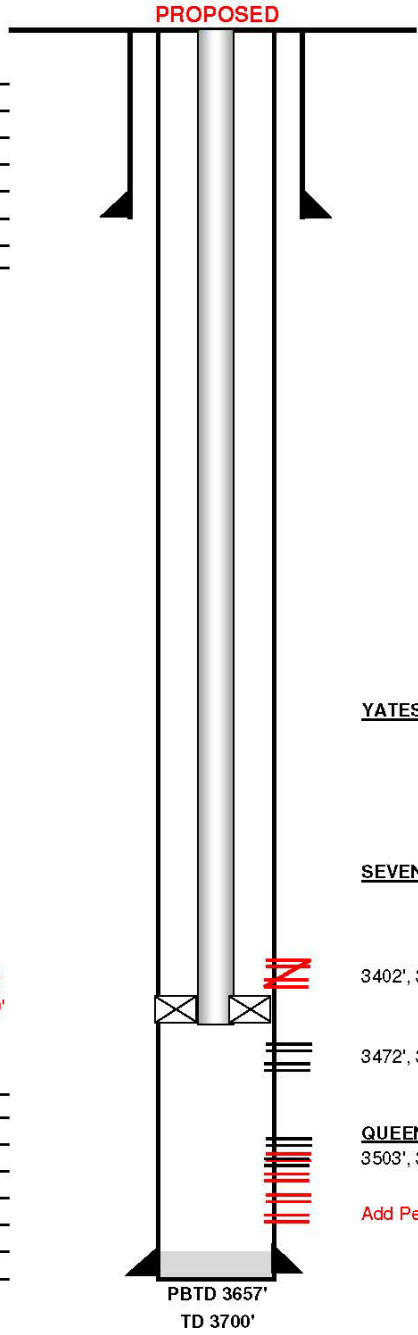
iii. Well Data
(Well 2 of 15)

INJECTION WELL DATA SHEET

Well Name: ADELE SOWELL #001 Lease No: _____ Lease Type: FEE
 Township: 24S Range: 37-E Sec: 19-P Location: 330 FSL & 990 FEL
 County: Lea State: NM API: 30-025-25630 Formation: [37240] LANGLEIE MATTIX;7 RVRs-QUEEN-GB

Surface Csg
 Size: 8-5/8"
 Wt & Thrd: 28#
 Grade: B ST&C
 Set @: 463'
 Sxs cmt: 300 sxs
 Circ: 25 sxs
 TOC: Surface
 Hole Size: 11"

KB: 3286'
 DF: 3285'
 GL: 3275'
 Spud Date: 8/27/1977
 Compl. Date: 9/23/1977



History - Highlights
08/1977 - 09/1988: D&C well

PROPOSED; Convert to Injector: Sqz perms f/ 3402' - 3436', add perms within injection interval in Upper and Middle QUEEN, acidize together w/ total of 5000 gals 15% HCL, 500# rock salt, & 300 bbls treated FW. Run 2-3/8" Internally Plastic Coated (IPC) injection tubing string & 2-3/8" x 4-1/2" AS1-X packer w/ ON/OFF tool. Set pkr @ ~3450'. Perform MIT test and chart for 30 min. Begin injection into interval (3450'-3660').

Proposed Injection Interval
Seven Rivers/Queen Inj. Zone
~3,450' to 3,660'
Zone will be Perforated

YATES (Top @ 2935')

SEVEN RIVERS (Top @ 3175')

2-3/8" IPC Tbg abover pkr
 Injection Pkr 3450'

3402', 3406', 3410', 3414', 3418', 3424', 3428', 3432', 3436' (1 SPF) - Oct 1977 [PROPOSE] Acidized w/ QUEEN 4,000 gals 15% MCA; SWF w/ 50,000 gals & 80,000# sand

3472', 3476', 3492' (1 SPF) - Oct 1977 Acidized w/ QUEEN 4,000 gals 15% MCA; SWF w/ 50,000 gals & 80,000# sand

QUEEN (Top @ 3500')

3503', 3507', 3511', 3515' (1 SPF) - Oct 1977 Acidized w/ Lwr 7 RVRs 4,000 gals 15% MCA; SWF w/ 50,000 gals & 80,000# sand

Add Perfs in Upper & Middle Queen in injection interval (3450'-3660') - [PROPOSED]
 Acidize entire injection interval w/ 5000 gals 15% HCL acid, 500# rock salt, 300 BFW

Production Csg
 Size: 4-1/2"
 Wt & Thrd: 10.5#
 Grade: J-55 ST&C
 Set @: 3699'
 Sxs Cmt: 900 sxs
 Circ: 100 sxs
 TOC: Surface
 Hole Size: 7-7/8"

PBTD 3657'
 TD 3700'

| Tubulars - Capacities and Performance |
|---|
| 2-3/8" 4.7# J-55 8RD EUE Internally Plastic Coated Tubing, AS1-X Nickel-coated Packer w/ On/Off tool, packer set @ ~3450' |
| |
| |

iii. Well Data
(Well 2 of 15)

INJECTION WELL DATA SHEET

OPERATOR: F AE II Operating, LLC

API NUMBER: 30-025-25630

WELL NAME & NUMBER: ADELE SOWELL #1

| | | | | |
|---------------------------------------|-------------|-----------|------------|------------|
| WELL LOCATION: <u>330 FSL 990 FEL</u> | <u>P</u> | <u>19</u> | <u>24S</u> | <u>37E</u> |
| FOOTAGE LOCATION | UNIT LETTER | SECTION | TOWNSHIP | RANGE |

Additional Data

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

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

- Originally and currently a Gas well.

2. Name of the Injection Formation:

- Seven Rivers and Queen Formations

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

- [33820] JALMAT;TAN-YATES-7 RVRS (OIL) ;
- [37240] LANGLIE MATTIX;7 RVRS-Q-GRAYBURG

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

- This well has only been perforation within the Seven Rivers and Queen Formations.

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

- Overlying Oil/Gas Zone: Yates/Seven Rivers
 - Depth of Zone: 2,935'
- Underlying Oil Zone: San Andres
 - Depth of Zone: +/- 4,000'

iii. Well Data
(Well 3 of 15)

INJECTION WELL DATA SHEET

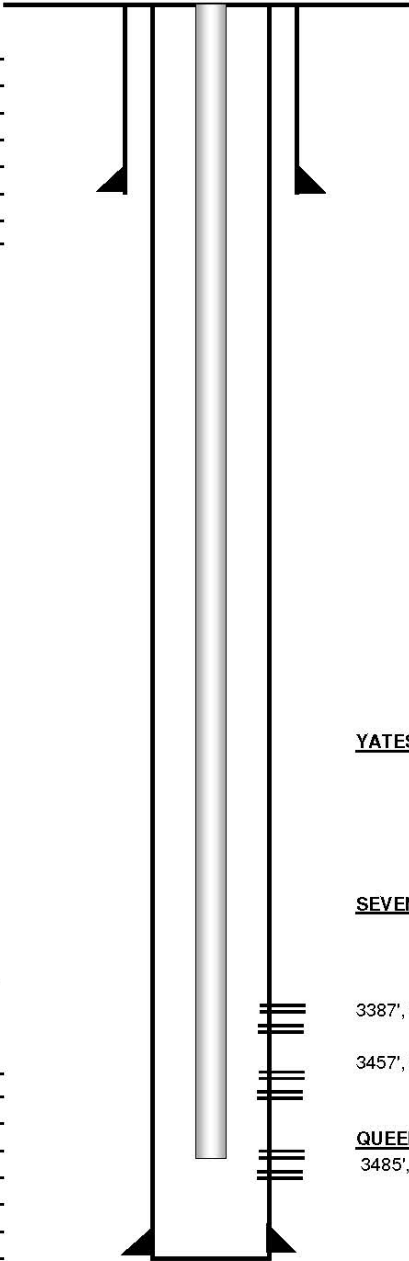
Well Name: ADELE SOWELL #002 Lease No: _____ Lease Type: FEE
 Township: 24S Range: 37-E Sec: 19-I Location: 1650 FSL & 660 FEL
 County: Lea State: NM API: 30-025-25755 Formation: [37240] LANGLEIE MATTIX,7 RVRs-QUEEN-GB

CURRENT

Surface Csg
 Size: 8-5/8"
 Wt.&Thrd: 28#
 Grade: B ST&C
 Set @: 468'
 Sxs cmt: 325 sxs
 Circ: 80 sxs
 TOC: Surface
 Hole Size: 12-1/4"

KB: 3293'
 DF: 3292'
 GL: 3283'
 Spud Date: 1/5/1978
 Compl. Date: 1/31/1978

History - Highlights
01/1978: D&C well



YATES (Top @ 2930')

SEVEN RIVERS (Top @ 3175')

EOT 3487'

3387', 3391', 3394', 3397', 3400', 3403', 3406', 3409', 3412' (1 SPF) - Feb 1978
 Acidized w/ QUEEN 4500 gals 15% MCA; SWF w/ 50,000 gals + 85,000# sand
 3457', 3460', 3463' (1 SPF) - Feb 1978
 Acidized w/ QUEEN 4500 gals 15% MCA; SWF w/ 50,000 gals + 85,000# sand

QUEEN (Top @ 3485')

3485', 3488', 3491', 3494', 3497' (1 SPF) - Feb 1978
 Acidized w/ Lwr 7 RVRs 4500 gals 15% MCA; SWF w/ 50,000 gals + 85,000# sand

Production Csg
 Size: 4-1/2"
 Wt.&Thrd: 10.5#
 Grade: J-55 ST&C
 Set @: 3718'
 Sxs Cmt: 900 sxs
 Circ: 55 sxs
 TOC: Surface
 Hole Size: 7-7/8"

PBTB 3680'
TD 3718'

Tubulars - Capacities and Performance

2-3/8" 4.7# Tubing @ 3,487'

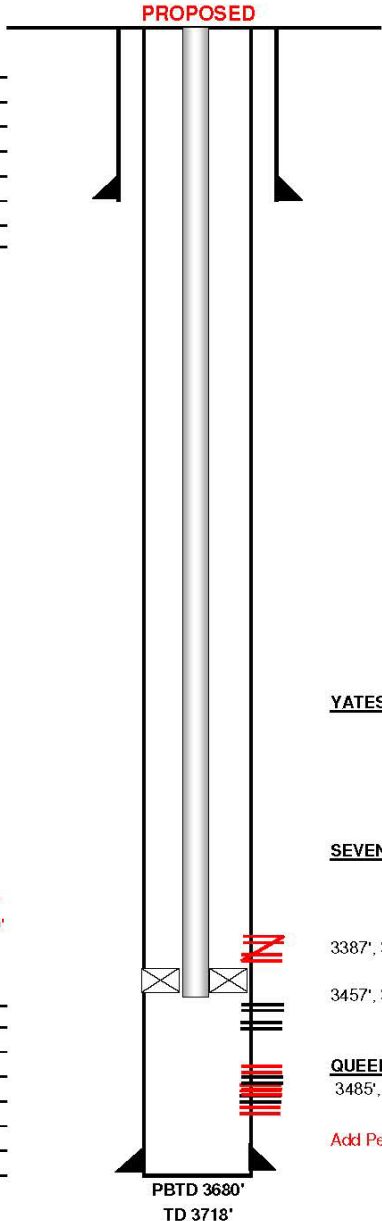
iii. Well Data
(Well 3 of 15)

INJECTION WELL DATA SHEET

Well Name: ADELE SOWELL #002 Lease No: _____ Lease Type: FEE
 Township: 24S Range: 37-E Sec: 19-I Location: 1650 FSL & 660 FEL
 County: Lea State: NM API: 30-025-25755 Formation: [87240] LANGLEIE MATTIX,7 RVRs-QUEEN-GB

Surface Csg
 Size: 8-5/8"
 Wt.&Thrd: 28#
 Grade: B ST&C
 Set @: 468'
 Sxs cmt: 325 sxs
 Circ: 80 sxs
 TOC: Surface
 Hole Size: 12-1/4"

KB: 3293'
 DF: 3292'
 GL: 3283'
 Spud Date: 1/5/1978
 Compl. Date: 1/31/1978



History - Highlights
01/1978: D&C well
PROPOSED; Convert to Injector: Sqz perfs 1/ 3387' - 3412', acid perfs within injection interval in Upper and Middle QUEEN, acidize together w/ total of 5000 gals 15% HCL, 500# rock salt, & 300 bbls treated FW. Run 2-3/8" Internally Plastic Coated (IPC) injection tubing string & 2-3/8" x 4-1/2" AS1-X packer w/ ON/OFF tool. Set pkr @ ~3430'. Perform MIT test and chart for 30 min. Begin injection into interval (3440'-3640').
Proposed Injection Interval
Seven Rivers/Queen Inj. Zone
~3,440' to 3,640'
Zone will be Perforated

YATES (Top @ 2930')

SEVEN RIVERS (Top @ 3175')

2-3/8" IPC Tbg abover pkr
 Injection Pkr 3430'

Production Csg
 Size: 4-1/2"
 Wt.&Thrd: 10.5#
 Grade: J-55 ST&C
 Set @: 3718'
 Sxs Cmt: 900 sxs
 Circ: 55 sxs
 TOC: Surface
 Hole Size: 7-7/8"

3387', 3391', 3394', 3397', 3400', 3403', 3406', 3409', 3412' (1 SPF) - Feb 1978 [PROPOSED - SQUEEZE]
 Acidized w/ QUEEN 4500 gals 15% MCA; SWF w/ 50,000 gals + 85,000# sand
 3457', 3460', 3463' (1 SPF) - Feb 1978
 Acidized w/ QUEEN 4500 gals 15% MCA; SWF w/ 50,000 gals + 85,000# sand

QUEEN (Top @ 3485')

3485', 3488', 3491', 3494', 3497' (1 SPF) - Feb 1978
 Acidized w/ Lwr 7 RVRs 4500 gals 15% MCA; SWF w/ 50,000 gals + 85,000# sand
 Add Perfs in Upper & Middle Queen in injection interval (3440'-3640') - [PROPOSED]
 Acidize entire injection interval w/ 5000 gals 15% HCL acid, 500# rock salt, 300 BFW

PBTD 3680'
 TD 3718'

Tubulars - Capacities and Performance
 2-3/8" 4.7# J-55 8RD EUE Internally Plastic Coated Tubing, AS1-X Nickel-coated Packer w/ On/Off tool, packer set @ ~3430'

iii. Well Data
(Well 3 of 15)

INJECTION WELL DATA SHEET

OPERATOR: F AE II Operating, LLC

API NUMBER: 30-025-25755

WELL NAME & NUMBER: ADELE SOWELL #2

| | | | | |
|--|-------------|-----------|------------|------------|
| WELL LOCATION: <u>1650 FSL 660 FEL</u> | <u>I</u> | <u>19</u> | <u>24S</u> | <u>37E</u> |
| FOOTAGE LOCATION | UNIT LETTER | SECTION | TOWNSHIP | RANGE |

Additional Data

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

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

- Originally and currently a Gas well.

2. Name of the Injection Formation:

- Seven Rivers and Queen Formations

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

- [33820] JALMAT;TAN-YATES-7 RVRS (OIL) ;
- [37240] LANGLIE MATTIX;7 RVRS-Q-GRAYBURG

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

- This well has only been perforation within the Seven Rivers and Queen Formations.

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

- Overlying Oil/Gas Zone: Yates/Seven Rivers
 - Depth of Zone: 2,930'
- Underlying Oil Zone: Grayburg
 - Depth of Zone: +/- 4,000'

iii. Well Data
(Well 4 of 15)

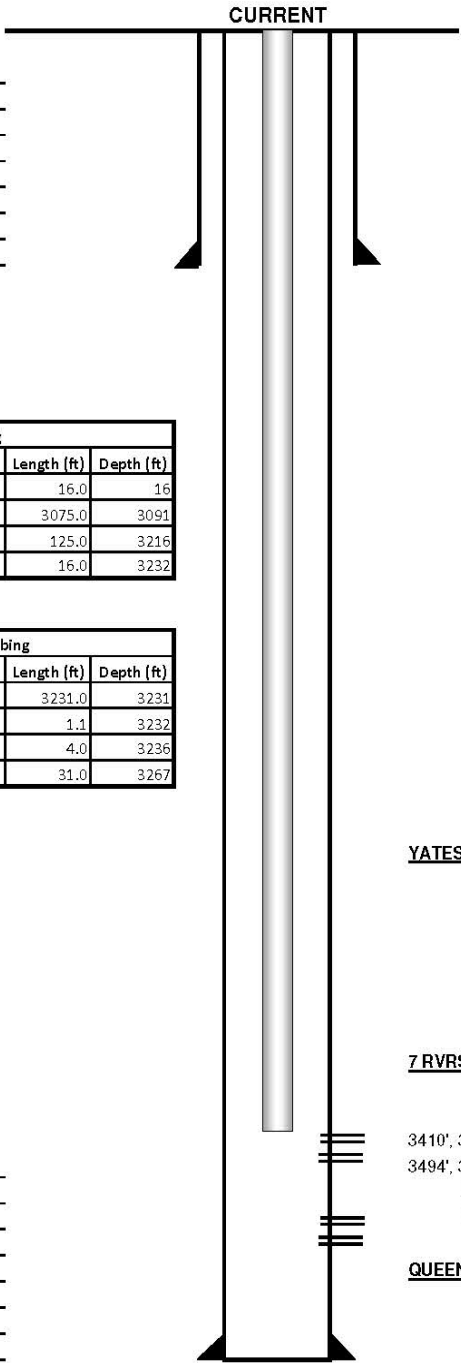
INJECTION WELL DATA SHEET

Well Name: KIMMY #003 API: 30-025-26437 Lease Type: FEE
 Location: 1650' FSL & 330' FWL T-R-Sec-Spot-Lot: 24S-37E-29-L Lease No: _____
 Formation(s): [37240] LANGLE MATTIX;7 RVRS-QUEEN-GRAYBURG County/State: Lea, NM

Surface Csg

Size: 8-5/8"
 Wt.&Thrd: 23#
 Grade: K-55 ST&C
 Set @: 404'
 Sxs cmt: 350 sxs
 Circ: 75 sxs
 TOC: Surface
 Hole Size: 12"

KB: _____
 DF: 3263'
 GL: _____
 Spud Date: 8/23/1979
 Compl. Date: 9/19/1979



| Rod String | | | |
|-----------------|-------|-------------|------------|
| | Count | Length (ft) | Depth (ft) |
| 1.25 x 16' PR | 1 | 16.0 | 16 |
| 3/4" D Rods | 123 | 3075.0 | 3091 |
| 1.25" K bars | 5 | 125.0 | 3216 |
| 1.5" x 16' RWBC | 1 | 16.0 | 3232 |

| Production Tubing | | | |
|-------------------|-------|-------------|------------|
| | Count | Length (ft) | Depth (ft) |
| 2-3/8" tbg | 111 | 3231.0 | 3231 |
| SN | 1 | 1.1 | 3232 |
| 4' Perf Sub | 1 | 4.0 | 3236 |
| BPMJ | 1 | 31.0 | 3267 |

History - Highlights

09/1979: D&C Well
10/1979: Perforate, acidize & frac Langlie Mattix perforations f/ 3410' - 3510'.
2/2018: Repair tubing leak, RWTP.

YATES (Top @ 2901')

7 RVRS (Top @ 3154')

3410', 3445', 3476' (2 SPF) - October 1979
 3494', 3510' (1 SPF) - October 1979
 Acidize entire interval w/ 1700 gals 15% MCA acid & 2500 gals 15% NE acid
 Frac'd 3410' - 3510' w/ 10,000 gals + 43,000# sand + 10,000 gals CO2

QUEEN (Top @ 3509')

Production Csg

Size: 4-1/2"
 Wt.&Thrd: 9.5#
 Grade: K-55 ST&C
 Set @: 3660'
 Sxs Cmt: 700 sxs
 Circ: 15 sxs
 TOC: Surface
 Hole Size: 7-7/8"

PBDT 3609'
 TD 3670'

iii. Well Data
(Well 4 of 15)

INJECTION WELL DATA SHEET

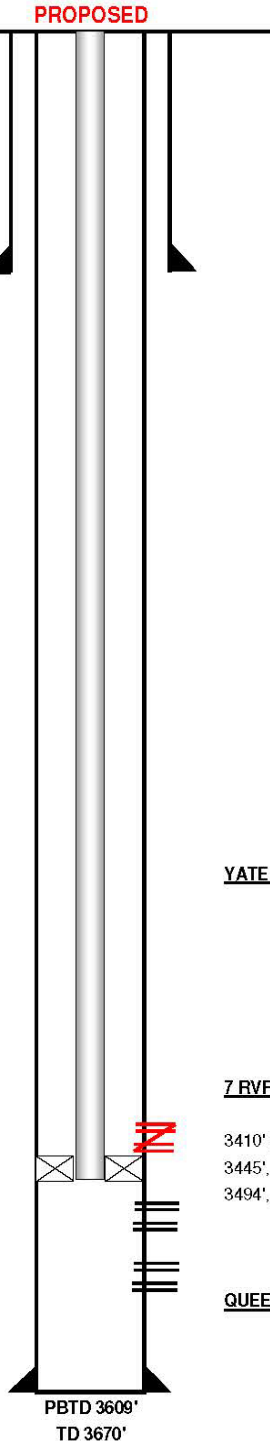
Well Name: KIMMY #003 API: 30-025-26437 Lease Type: FEE
 Location: 1650' FSL & 330' FWL T-R-Sec-Spot-Lot: 24S-37E-29-L Lease No: _____
 Formation(s): [37240] LANGLIE MATTIX;7 RVRS-QUEEN-GRAYBURG County/State: Lea, NM

Surface Csg
 Size: 8-5/8"
 Wt.&Thrd: 23#
 Grade: K-55 ST&C
 Set @: 404'
 Sxs cmt: 350 sxs
 Circ: 75 sxs
 TOC: Surface
 Hole Size: 12"

KB: _____
 DF: 3263'
 GL: _____
 Spud Date: 8/23/1979
 Compl. Date: 9/19/1979

| Production Tubing | | | |
|-------------------|-------|-------------|------------|
| | Count | Length (ft) | Depth (ft) |
| 2-3/8" IPC Tbg | ~109 | 3424.0 | 3424 |
| AS1X Inj Packer | 1 | 6.0 | 3430 |

Production Csg
 Size: 4-1/2"
 Wt.&Thrd: 9.5#
 Grade: K-55 ST&C
 Set @: 3660'
 Sxs Cmt: 700 sxs
 Circ: 15 sxs
 TOC: Surface
 Hole Size: 7-7/8"



History - Highlights

09/1979: D&C Well
10/1979: Perforate, acidize & frac Langlie Mattix perforations f/ 3410' - 3510'.
2/2018: Repair tubing leak, RWTP.

PROPOSED: Convert to Injector: Sqz perms @ 3410', acidize existing perforations f/ 3445' - 3510' w/ 3000 gals 15% HCL, 500# rock salt, and flush with 300 bbls treated FW. Run 2-3/8" Internally Plastic Coated (IPC) injection tubing string & 2-3/8" x 4-1/2" AS1-X packer w/ ON/OFF tool. Set plr @ 3430'. Perform MIT test. Begin injection (interval 3430'-3620').

Proposed Injection Interval
Seven Rivers/Queen Inj. Zone
~3,430' to 3,620'
Zone will be Perforated

YATES (Top @ 2901')

7 RVRS (Top @ 3154')

3410' (2 SPF) **[PROPOSED - SQUEEZE]**
 3445', 3476' (2 SPF) - October 1979
 3494', 3510' (1 SPF) - October 1979
 Acidize entire interval w/ 1700 gals 15% MCA acid & 2500 gals 15% NE acid
 Frac'd 3410' - 3510' w/ 10,000 gals + 43,000# sand + 10,000 gals CO2
 Acidize entire interval w/ 3000 gals 15% NEFE HCL Acid - **PROPOSED**
QUEEN (Top @ 3509')

iii. Well Data
(Well 4 of 15)

INJECTION WELL DATA SHEET

OPERATOR: F AE II Operating, LLC

API NUMBER: 30-025-26437

WELL NAME & NUMBER: KIMMY #003

| | | | | |
|--|-------------|-----------|------------|------------|
| WELL LOCATION: <u>1650 FSL 330 FWL</u> | <u>L</u> | <u>29</u> | <u>24S</u> | <u>37E</u> |
| FOOTAGE LOCATION | UNIT LETTER | SECTION | TOWNSHIP | RANGE |

Additional Data

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

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

- Originally and currently an Oil well.

2. Name of the Injection Formation:

- Seven Rivers and Queen Formations

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

- [33820] JALMAT;TAN-YATES-7 RVRS (OIL) ;
- [37240] LANGLIE MATTIX;7 RVRS-Q-GRAYBURG

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

- This well has only been perforation within the Seven Rivers and Queen Formations.

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

- Overlying Oil/Gas Zone: Yates/Seven Rivers
 - Depth of Zone: 2,901'
- Underlying Oil Zone: Grayburg
 - Depth of Zone: +/- 4,000'

iii. Well Data
(Well 5 of 15)

INJECTION WELL DATA SHEET

Well Name: C D WOOLWORTH #010 Lease No: _____ Lease Type: FEE
 Township: 24S Range: 37E Sec: 30 Location: 1400' FSL & 2630' FEL
 County: Lea State: NM API: 30-025-33881 Formations: [33820] JALMAT; TAN-YATES-7 RVRS (OIL)
[37240] LANGLIE MATTIX,7 RVRS-Q-GB

CURRENT

Surface Csg

Size: 8-5/8"
 Wt.&Thrd: 20# ST&C
 Grade: J-55
 Set @: 477'
 Sxs cmt: 260 sxs
 Circ: Yes, 58 sxs
 TOC: Surface
 Hole Size: 11"

KB: _____
 DF: _____
 GL: 3257'
 Spud Date: 3/29/1997
 Compl. Date: 2/8/1998

History - Highlights

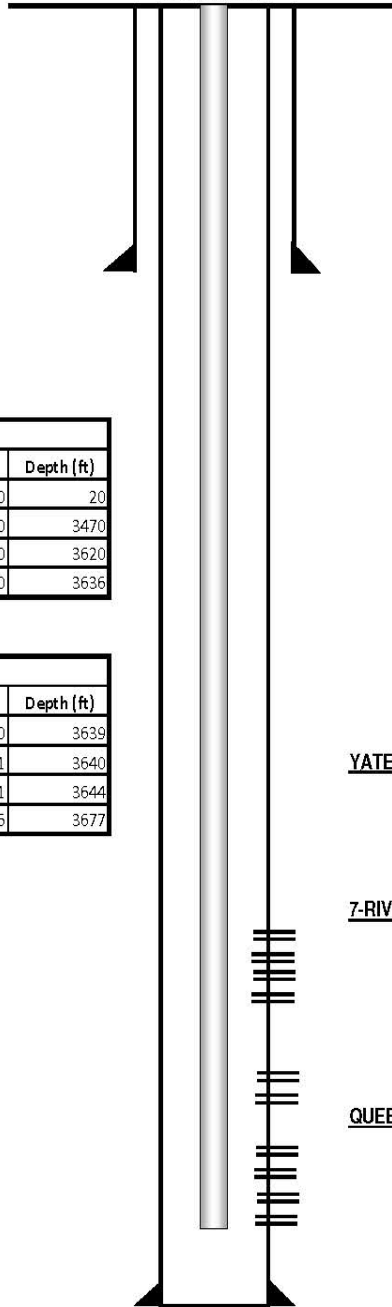
9/27/1997: Perforate Jalmat 3198-3376' 26 holes, acidize w/ 2500 gallons 15 % NEFE acid. Frac perms with 38,872 gal SFG 3000+130,000# 16/30 sand.
9/28/2022: Re-acidized perforations 1/ 3,502' - 3658'. w/ 3000 gals 15% NEFE HCL acid and 600# rock salt in 25 bbls brine water. Flushed with 300 bbls fresh water. RTP.

| Rod String | | | |
|--------------------|-------|-------------|------------|
| | Count | Length (ft) | Depth (ft) |
| 1.25 x 20' PR | 1 | 20.0 | 20 |
| 3/4" Rods | 138 | 3450.0 | 3470 |
| 1.5" Sinker K bars | 6 | 150.0 | 3620 |
| 1.5" x 16' RWBC | 1 | 16.0 | 3636 |

| Production Tubing | | | |
|-------------------|-------|-------------|------------|
| | Count | Length (ft) | Depth (ft) |
| 2-3/8" tbg | 115 | 3639.0 | 3639 |
| SN | 1 | 1.1 | 3640 |
| 4" Perf Sub | 1 | 4.1 | 3644 |
| BPMJ | 1 | 32.6 | 3677 |

Production Csg

Size: 4-1/2"
 Wt.&Thrd: 11.6# LT&C
 Grade: LS
 Set @: 3756'
 Sxs cmt: 1025 sxs
 Circ: Yes, 140 sxs
 TOC: Surface
 Hole Size: 7-7/8"



YATES (Top @ 2912')

7-RIVERS (Top @ 3149')

Perfs: 3198-3376' (26 holes)

9/27/1997: 2500 gallons NEFE acid. 38,872 gallons SFG 3000+130,000# 16/30 sand

QUEEN (Top @ 3589')

Perfs: 3502', 3519', 3536', 3561', 3576', 3593', 3609', 3618', 3632', 3658' (4 SPF- 40 holes)

5/1/1997: 2100 Gal 15% NEFE HCL, 31,00 gal 35# XL gel & 104,000# 12/20 mesh brady sand

9/2022: Re-acidized perms w/ 3000 gals 15% NEFE HCL Acid & 600# rock salt, flushed with 300 bbls water.

iii. Well Data
(Well 5 of 15)

INJECTION WELL DATA SHEET

Well Name: C D WOOLWORTH #010 Lease No: _____ Lease Type: FEE
 Township: 24S Range: 37E Sec: 30 Location: 1400' FSL & 2630' FEL
 County: Lea State: NM API: 30-025-33881 Formations: [33820] JALMAT; TAN-YATES-7 RVRS (OIL)
[37240] LANGLIE MATTIX;7 RVRS-Q-GB

PROPOSED

Surface Csg
 Size: 8-5/8"
 Wt.&Thrd: 20# ST&C
 Grade: J-55
 Set @: 477'
 Sxs cmt: 260 sxs
 Circ: Yes, 58 sxs
 TOC: Surface
 Hole Size: 11"

KB: _____
 DF: _____
 GL: 3257'
 Spud Date: 3/29/1997
 Compl. Date: 2/8/1998

Proposed Injection Interval
Seven Rivers/Queen Inj. Zone
~3,450' to 3,670'
Zone will be Perforated

History - Highlights

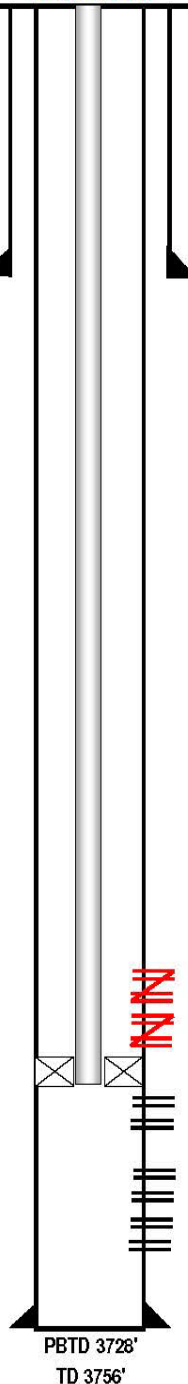
9/27/1997: Perforate Jalmat 3198-3376' 26 holes, acidize w/ 2500 gallons 15% NEFE acid. Frac perms with 38,872 gal SFG 3000+130,000# 16/30 sand.

9/28/2022: Re-acidized perforations f/ 3,502' - 3658' w/ 3000 gals 15% NEFE HCL acid and 600# rock salt in 25 bbls brine water. Flushed with 300 bbls FW. RTP.

PROPOSED: Convert to Injector: Sqz perms f/ 3198' - 3376', acidize existing perforations f/ 3502' - 3658' w/ 3000 gals 15% HCL, 500# rock salt, and flush w/ 300 bbls treated FW. Run 2-3/8" Internally Plastic Coated (IPC) injection tubing string & 2-3/8" x 4-1/2" AS1-X packer w/ ON/OFF tool. Set plr @ ~3470'. Perform MIT test. Begin injection Interval 3450'-3670'.

| Production Tubing | | | |
|-------------------|-------|-------------|------------|
| | Count | Length (ft) | Depth (ft) |
| 2-3/8" IPC tbg | 110 | 3465 | 3465 |
| AS1X Inj Packer | 1 | 6 | 3471 |
| | | | |
| | | | |

Production Csg
 Size: 4-1/2"
 Wt.&Thrd: 11.6# LT&C
 Grade: LS
 Set @: 3756'
 Sxs cmt: 1025 sxs
 Circ: Yes, 140 sxs
 TOC: Surface
 Hole Size: 7-7/8"



YATES (Top @ 2912')

7-RIVERS (Top @ 3149')

Perfs: 3198-3376' (26 holes) [PROPOSED - SQUEEZED]

9/27/1997: 2500 gallons NEFE acid. 38,872 gallons SFG 3000+130,000# 16/30 sand

QUEEN (Top @ 3589')

Perfs: 3502', 3519', 3536', 3561, 3576', 3593', 3609', 3618', 3632', 3658' (4 SPF- 40 holes)

5/1/1997: 2100 Gal 15% NEFE HCL, 31,00 gal 35# XL gel & 104,000# 12/20 mesh brady sand

9/2022: Re-acidized perms w/ 3000 gals 15% NEFE HCL Acid & 600# rock salt, flushed with 300 bbls water.

Acidize entire interval w/ 3000 gals 15% NEFE HCL Acid - PROPOSED

iii. Well Data
(Well 5 of 15)

INJECTION WELL DATA SHEET

OPERATOR: F AE II Operating, LLC

API NUMBER: 30-025-33881

WELL NAME & NUMBER: C D WOOLWORTH #010

| | | | | |
|---|-------------|-----------|------------|------------|
| WELL LOCATION: 1400 FSL 2630 FEL | J | 30 | 24S | 37E |
| FOOTAGE LOCATION | UNIT LETTER | SECTION | TOWNSHIP | RANGE |

Additional Data

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

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

- Originally and currently an Oil well.

2. Name of the Injection Formation:

- Seven Rivers and Queen Formations

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

- [33820] JALMAT;TAN-YATES-7 RVRS (OIL) ;
- [37240] LANGLIE MATTIX;7 RVRS-Q-GRAYBURG

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

- This well has only been perforation within the Seven Rivers and Queen Formations.

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

- Overlying Oil/Gas Zone: Yates/Seven Rivers
 - Depth of Zone: 2,912'
- Underlying Oil Zone: Grayburg
 - Depth of Zone: +/- 4,000'

III. Well Data

For the Following Wells:

- | | |
|----------------------|-----------------------|
| 6. FLUOR HARRISON #2 | 11. JACK B 30 #7 |
| 7. KIMMY #5 | 12. JACK B 30 #8 |
| 8. KIMMY #6 | 13. C D WOOLWORTH #12 |
| 9. JACK B 30 #5 | 14. C D WOOLWORTH #13 |
| 10. JACK B 30 #6 | 15. C D WOOLWORTH #14 |

North Jal Unit

New Drill Injector Example

Legal: Sect 20, 29, & 30, Twn 24S Rge 37E

API # 30-025-xxxxx

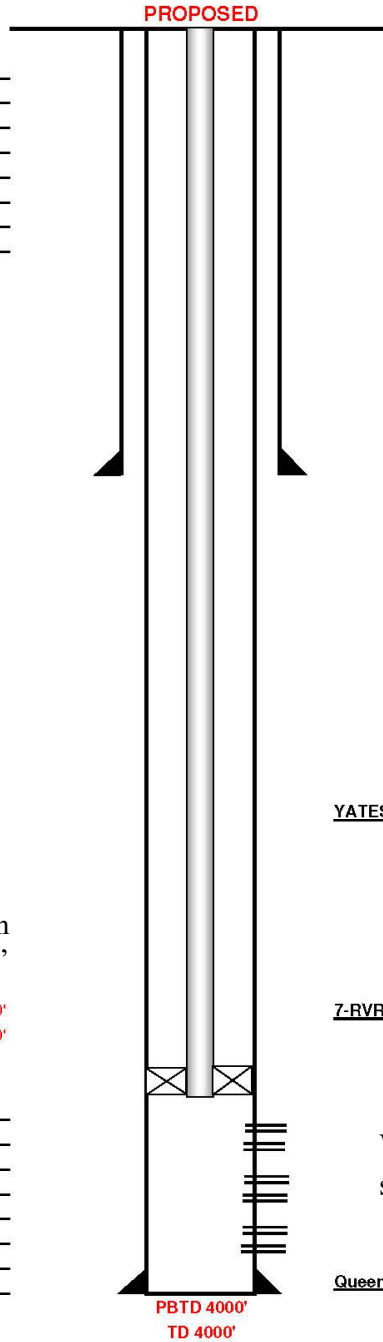
Completion Date: TBD

These wells will be drilled for the purpose of injection

Surface Csg

Size: 8-5/8"
 Wt & Thrd: 23#
 Grade: J55
 Set @: (+/-) 1150'
 Sxs cmt: ~800 sxs
 Circ: X
 TOC: Surface
 Hole Size: 12-1/4"

KB: _____ TBD
 DF: _____ TBD
 GL: _____ TBD
 Spud Date: _____ TBD
 Compl. Date: _____ TBD



| Well | Proposed Injection Interval |
|-------------------|-----------------------------|
| FLUOR HARRISON #2 | 3400'-3700' |
| KIMMY #5 | 3400'-3700' |
| KIMMY #6 | 3400'-3700' |
| JACK B 30 #5 | 3430'-3730' |
| JACK B 30 #6 | 3400'-3700' |
| JACK B 30 #7 | 3430'-3730' |
| JACK B 30 #8 | 3430'-3730' |
| C D WOOLWORTH #12 | 3430'-3730' |
| C D WOOLWORTH #13 | 3430'-3730' |
| C D WOOLWORTH #14 | 3430'-3730' |

Will set injection packer @ +/- 3400'

PKr 3400'
 EOT 3400'

Production Csg

Size: 4-1/2"
 Wt & Thrd: 11.6#
 Grade: J55
 Set @: (+/-) 4000'
 Sxs Cmt: ~1000 sxs
 Circ: X
 TOC: Surface
 Hole Size: 7-7/8"

YATES (Top @')

7-RVRS (Top @')

Will perforate Seven Rivers-Queen in specific intervals from ~3,400'–3,730'

Queen (Top @')

Tubulars - Capacities and Performance

2-3/8" J55 IPC tbg (PKR On/Off tool, 105 jts)

III. Well Data

North Jal Unit

New Drill Injector Example

For the Following Wells:

- | | |
|----------------------|-----------------------|
| 6. FLUOR HARRISON #2 | 11. JACK B 30 #7 |
| 7. KIMMY #5 | 12. JACK B 30 #8 |
| 8. KIMMY #6 | 13. C D WOOLWORTH #12 |
| 9. JACK B 30 #5 | 14. C D WOOLWORTH #13 |
| 10. JACK B 30 #6 | 15. C D WOOLWORTH #14 |

Legal: Sect 20, 29, & 30, Twn 24S Rge 37E

API # 30-025-xxxxx

Completion Date: TBD

These wells will be drilled for the purpose of injection

Additional Data

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

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

2. Name of the Injection Formation:

- Seven Rivers and Queen Formations

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

- [33820] JALMAT;TAN-YATES-7 RVRs (OIL) ;
- [37240] LANGLEIE MATTIX;7 RVRs-Q-GRAYBURG

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

- No, it will be perforated in the Seven Rivers and Queen Formations.

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

- Overlying Oil/Gas Zone: Yates/Seven Rivers
 - Depth of Zone: +/- 2,900'
- Underlying Oil Zone: Grayburg
 - Depth of Zone: +/- 4,000'

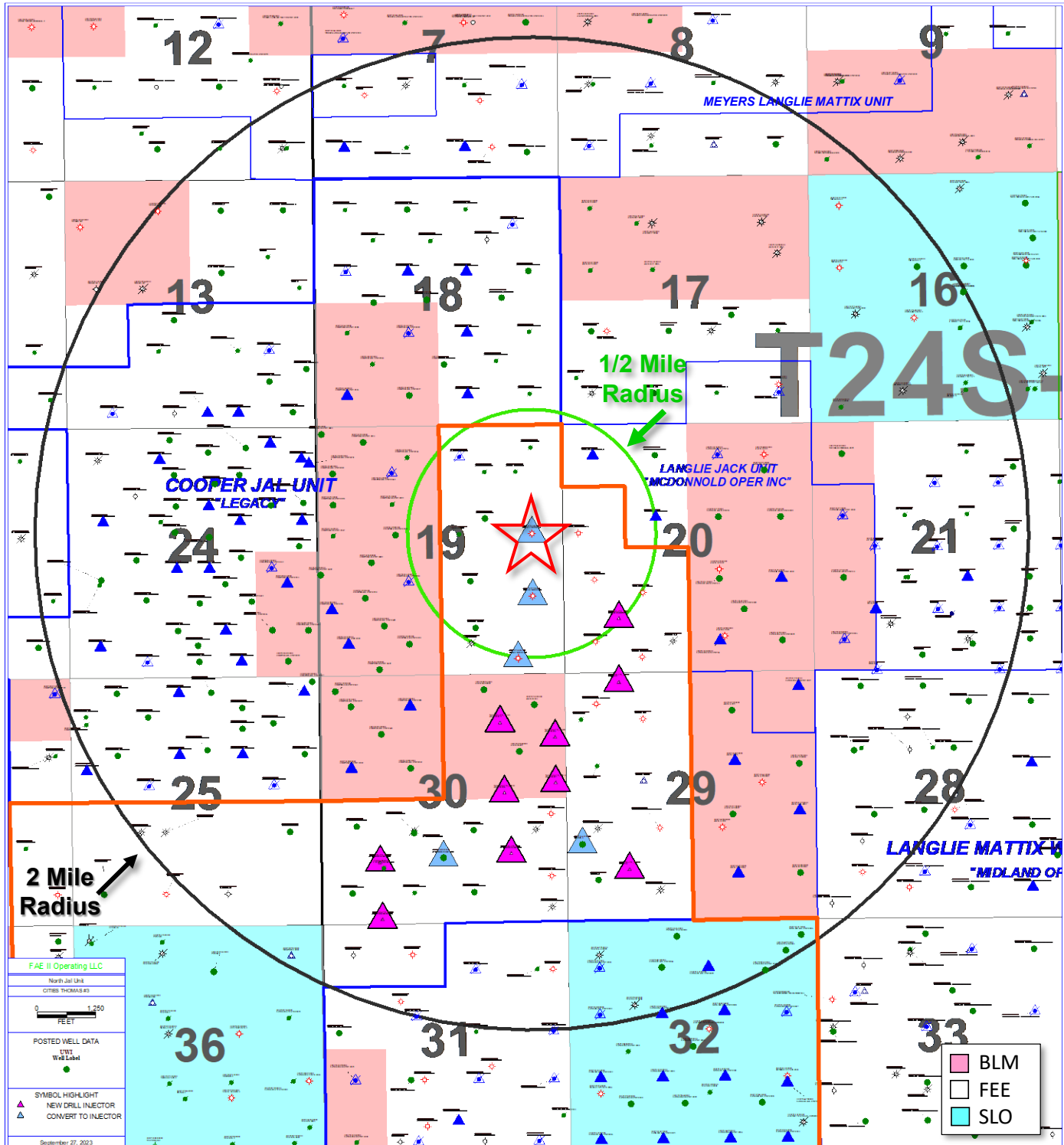
Part V.

V.

Exhibit A1 shows 14 unique well locations within a 1/2 mile radius of the proposed new drill injector location, and 327 unique well locations within a 2-mile radius.

CITIES THOMAS #3

API: 30-025-25608

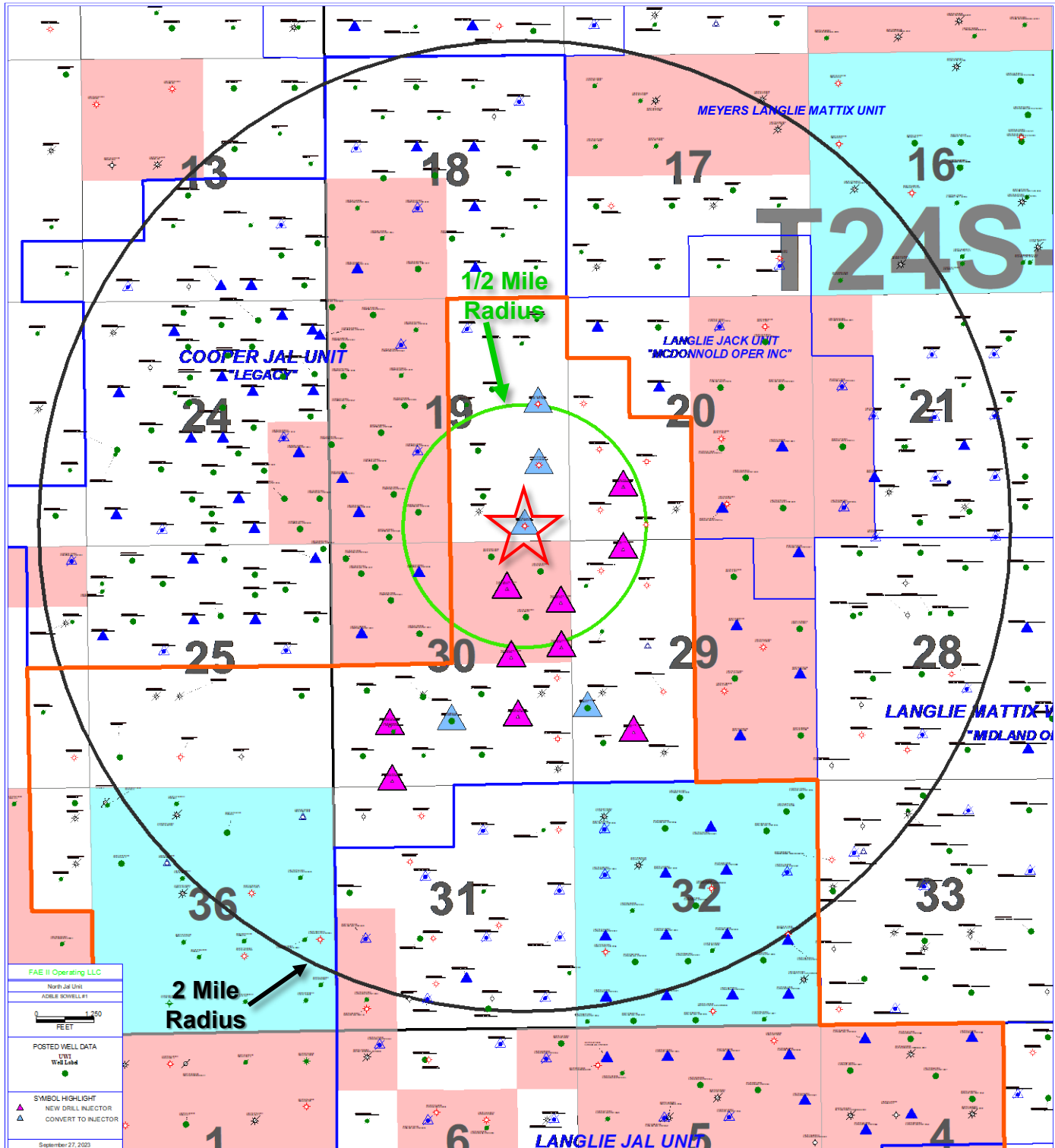


V.

Exhibit A2 shows 19 unique well locations within a 1/2 mile radius of the proposed new drill injector location, and 344 unique well locations within a 2-mile radius.

ADELE SOWELL #1

API: 30-025-25630

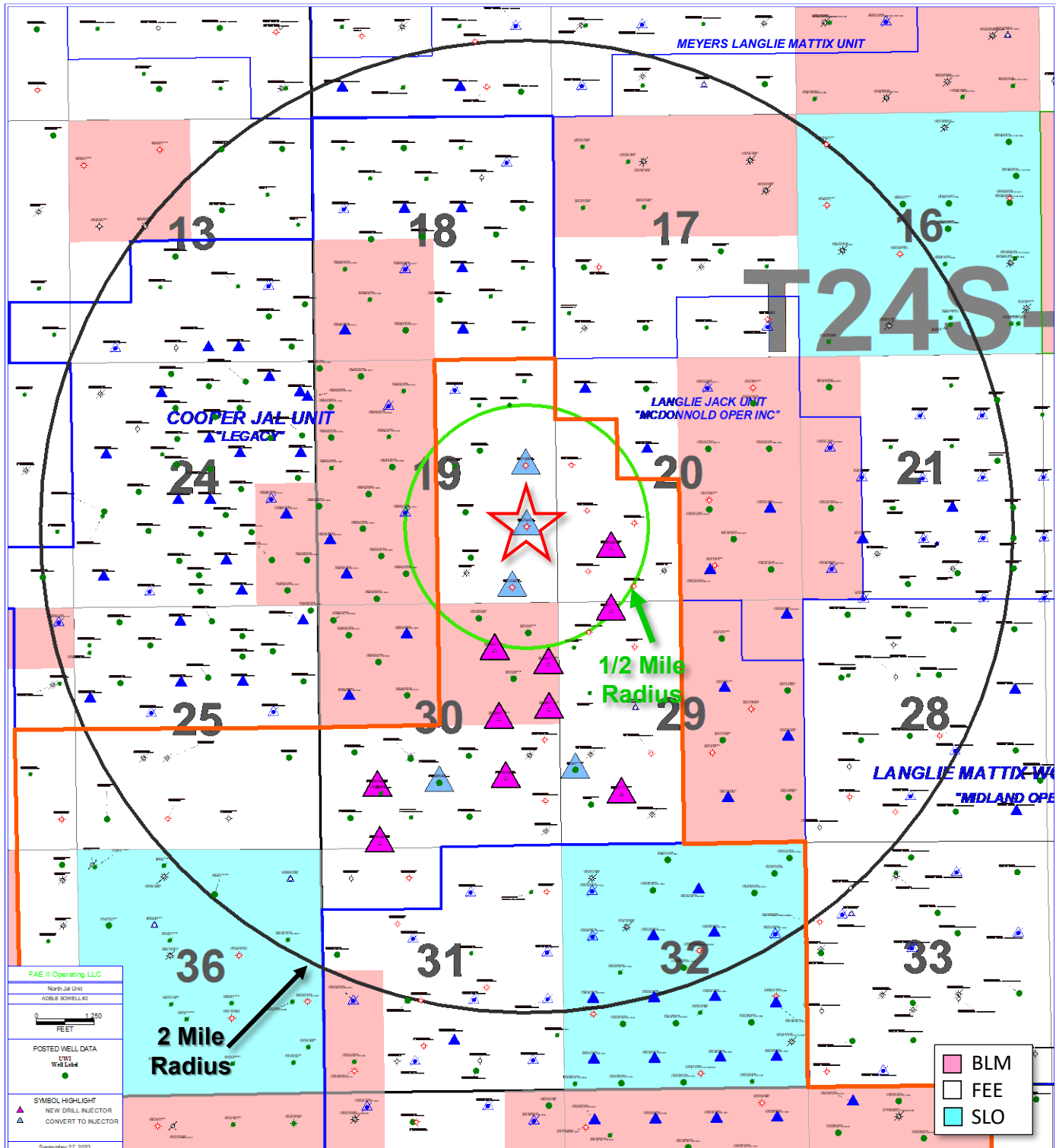


V.

Exhibit A3 shows 16 unique well locations within a 1/2 mile radius of the proposed new drill injector location, and 330 unique well locations within a 2-mile radius.

ADELE SOWELL #2

API: 30-025-25755

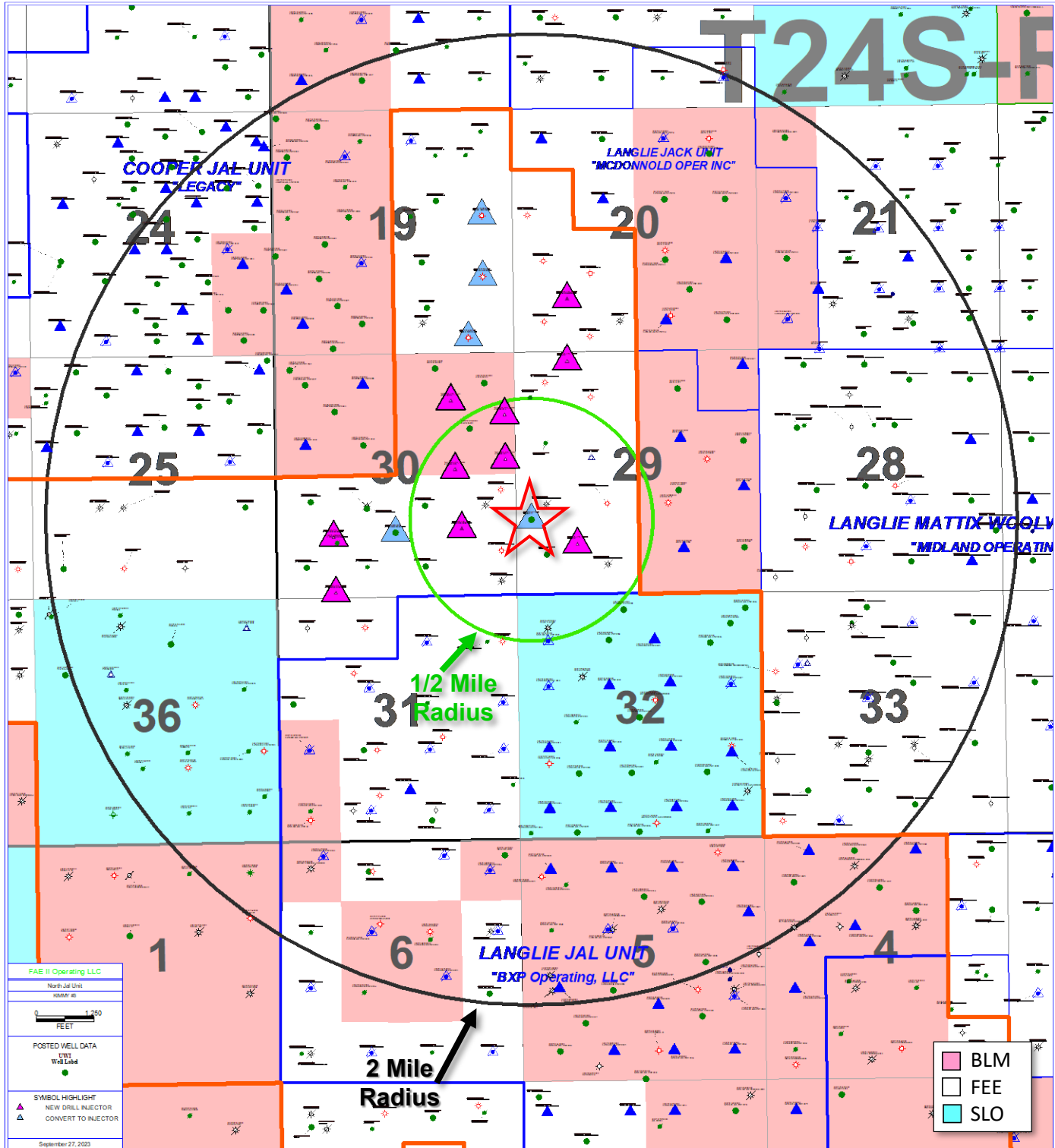


V.

Exhibit A4 shows 20 unique well locations within a ½ mile radius of the proposed new drill injector location, and 353 unique well locations within a 2-mile radius.

KIMMY #3

API: 30-025-26437

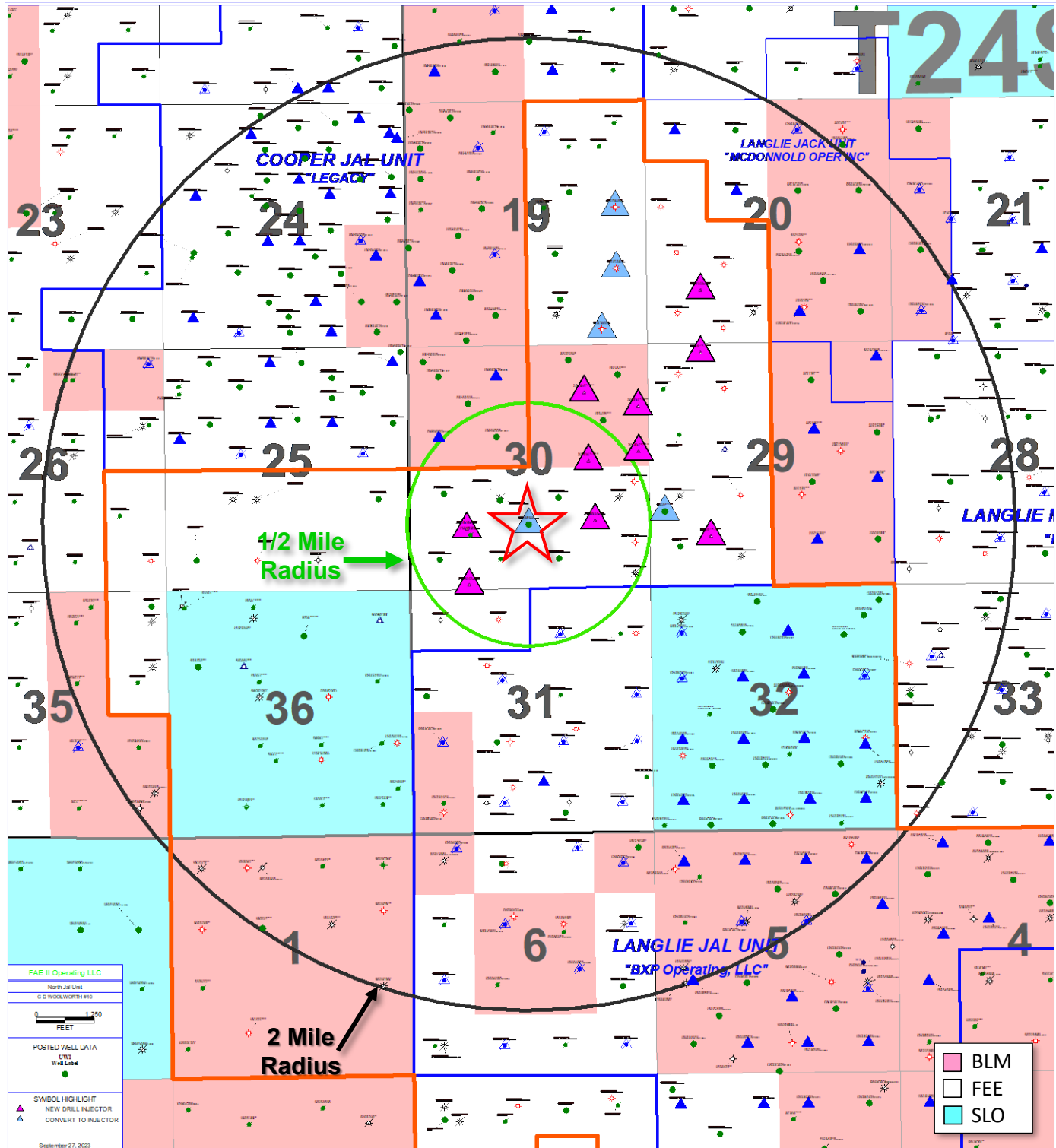


V.

Exhibit A5 shows 20 unique well locations within a 1/2 mile radius of the proposed new drill injector location, and 354 unique well locations within a 2-mile radius.

C D WOOLWORTH #10

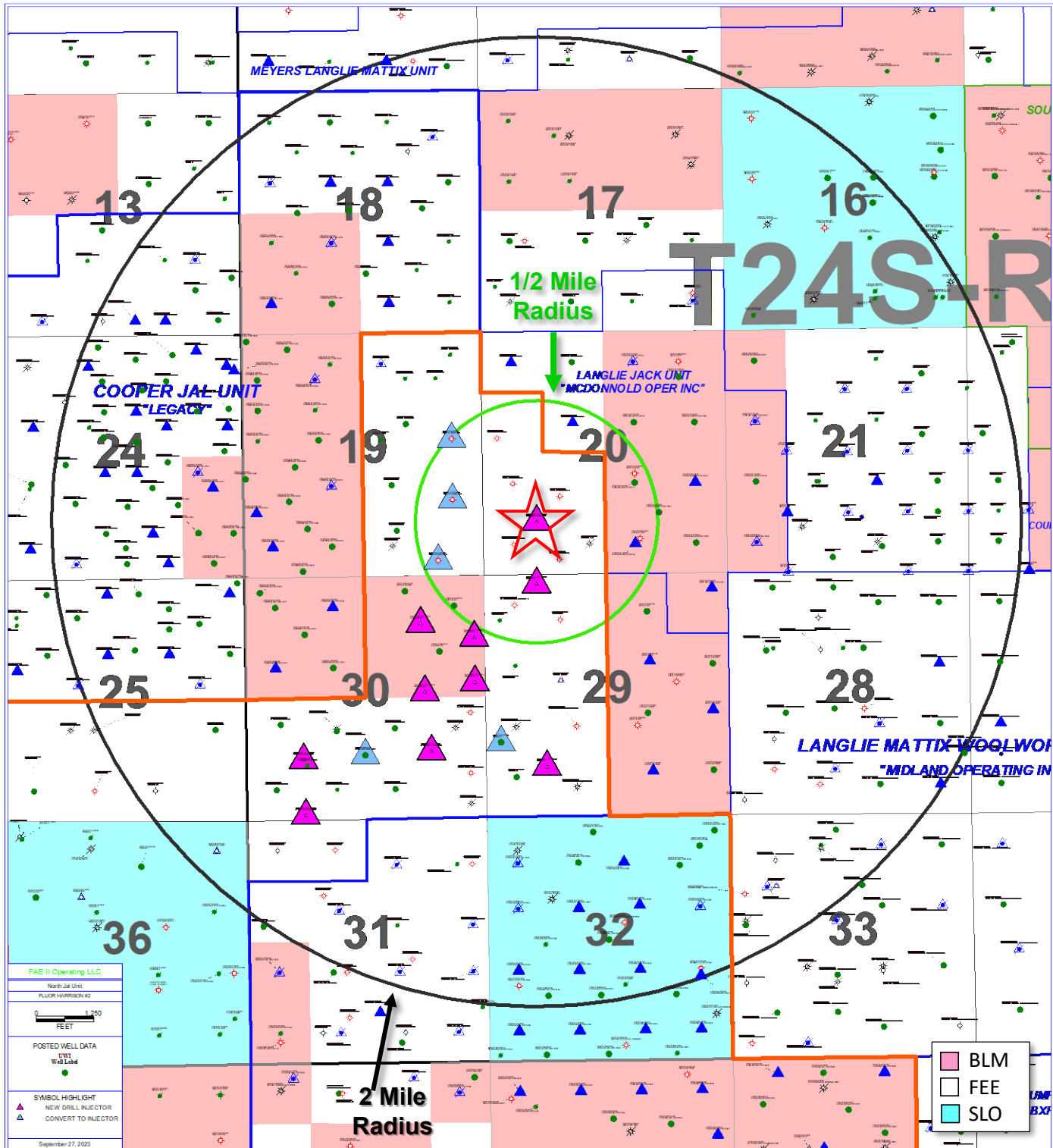
API: 30-025-33881



V.

Exhibit A6 shows 20 unique well locations within a 1/2 mile radius of the proposed new drill injector location, and 345 unique well locations within a 2-mile radius.

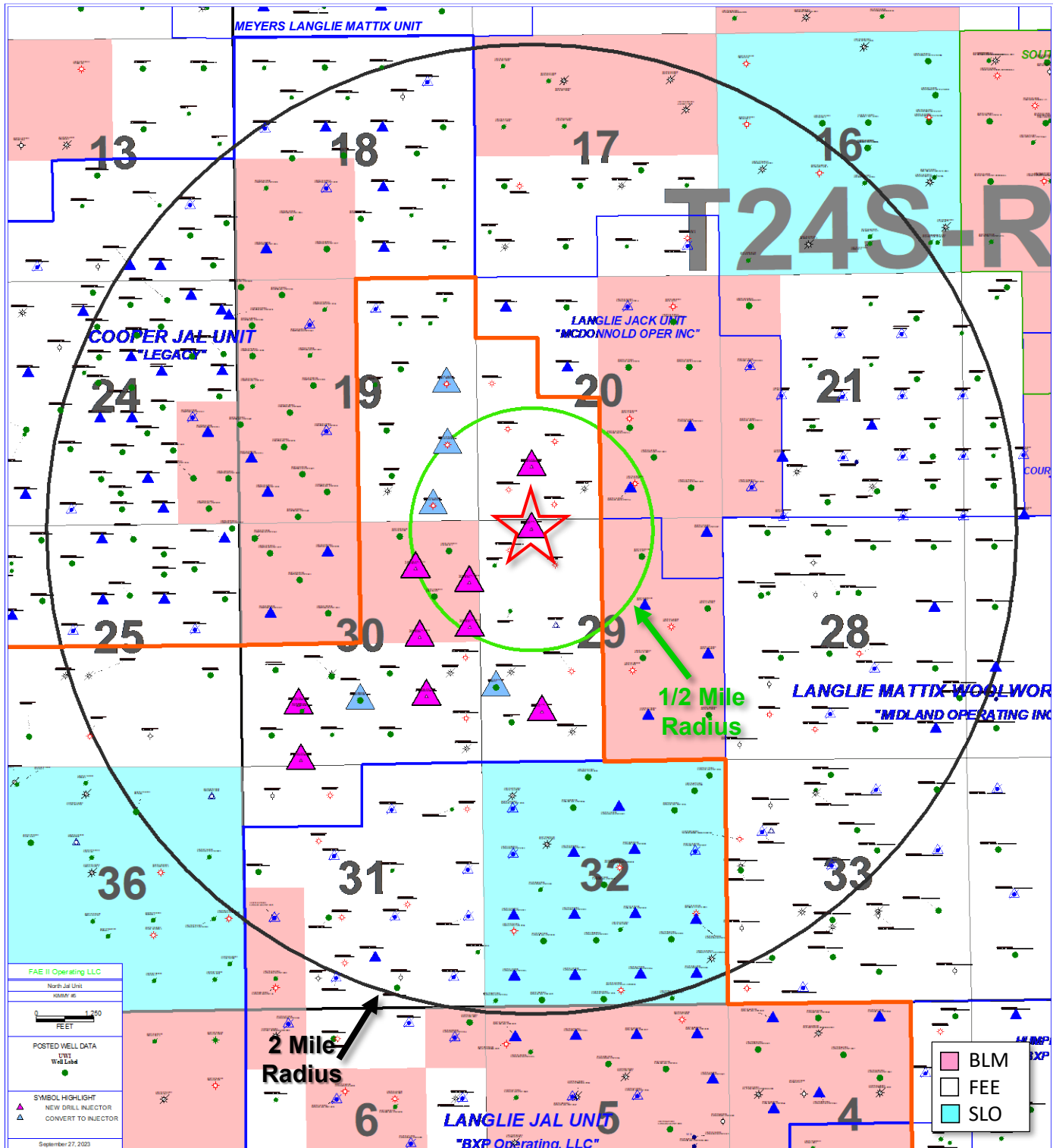
FLUOR HARRISON #2



V.

Exhibit A7 shows 21 unique well locations within a ½ mile radius of the proposed new drill injector location, and 351 unique well locations within a 2-mile radius.

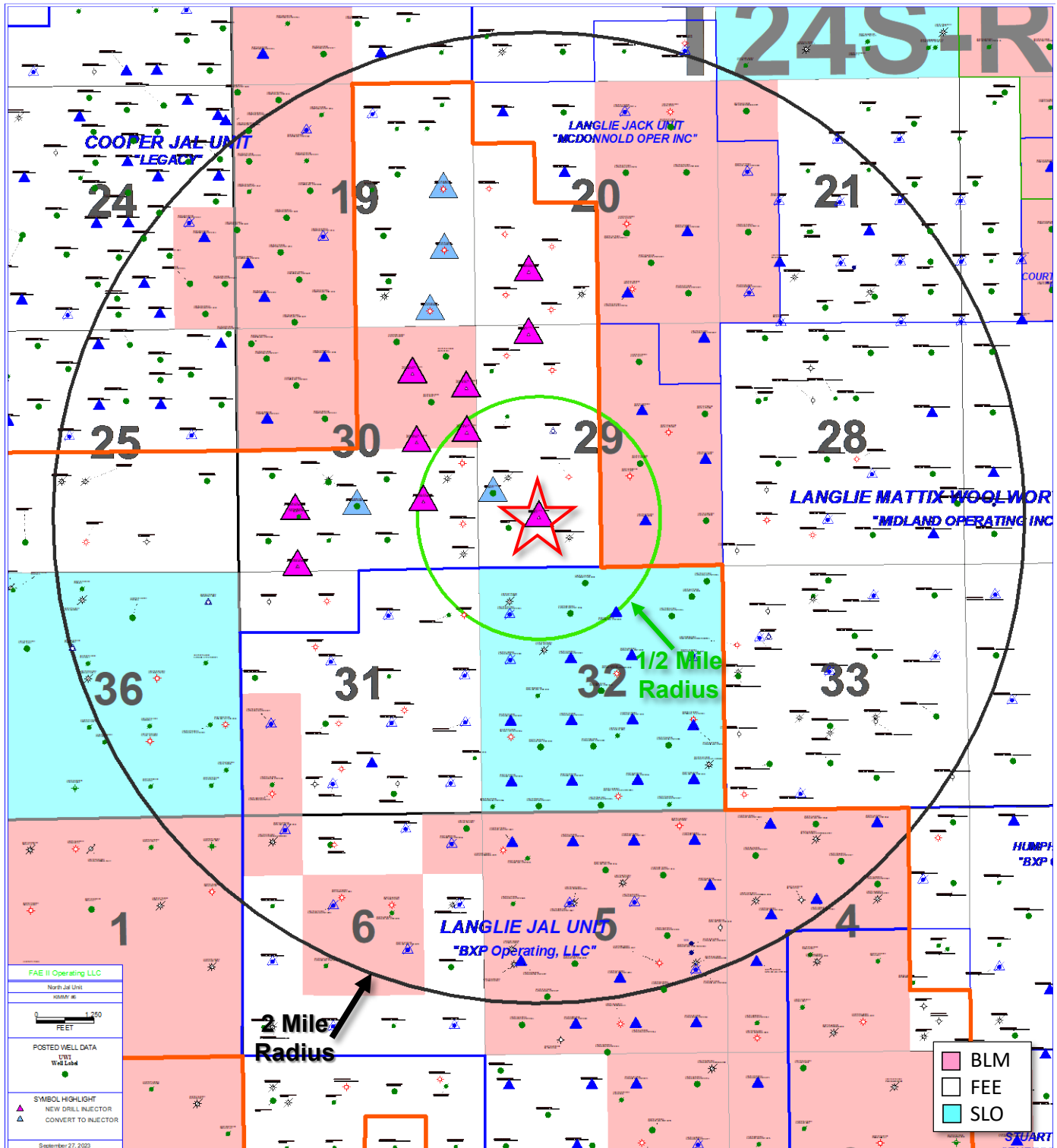
KIMMY #5



V.

Exhibit A8 shows 21 unique well locations within a 1/2 mile radius of the proposed new drill injector location, and 357 unique well locations within a 2-mile radius.

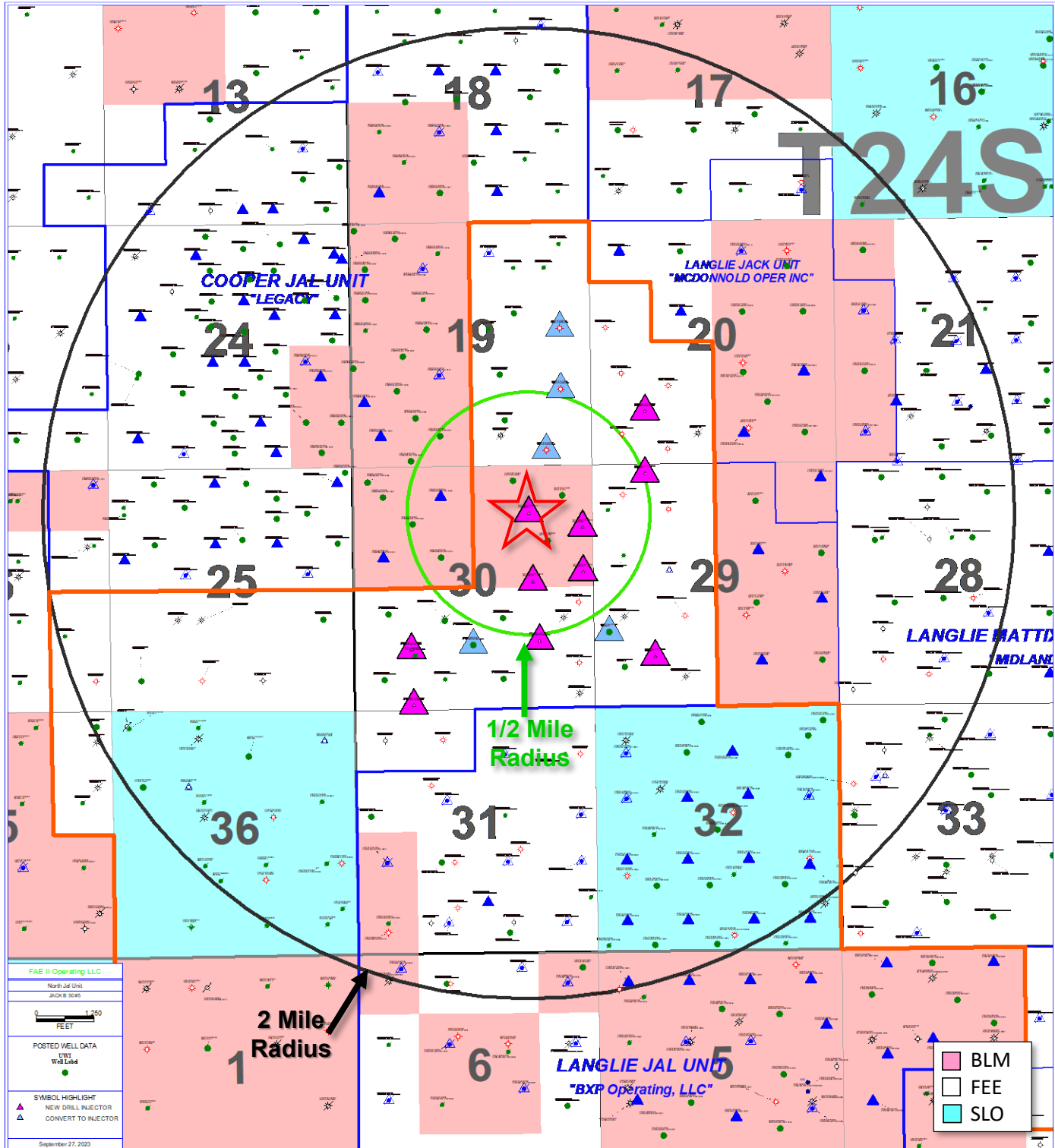
KIMMY #6



V.

Exhibit A9 shows 20 unique well locations within a 1/2 mile radius of the proposed new drill injector location, and 359 unique well locations within a 2-mile radius.

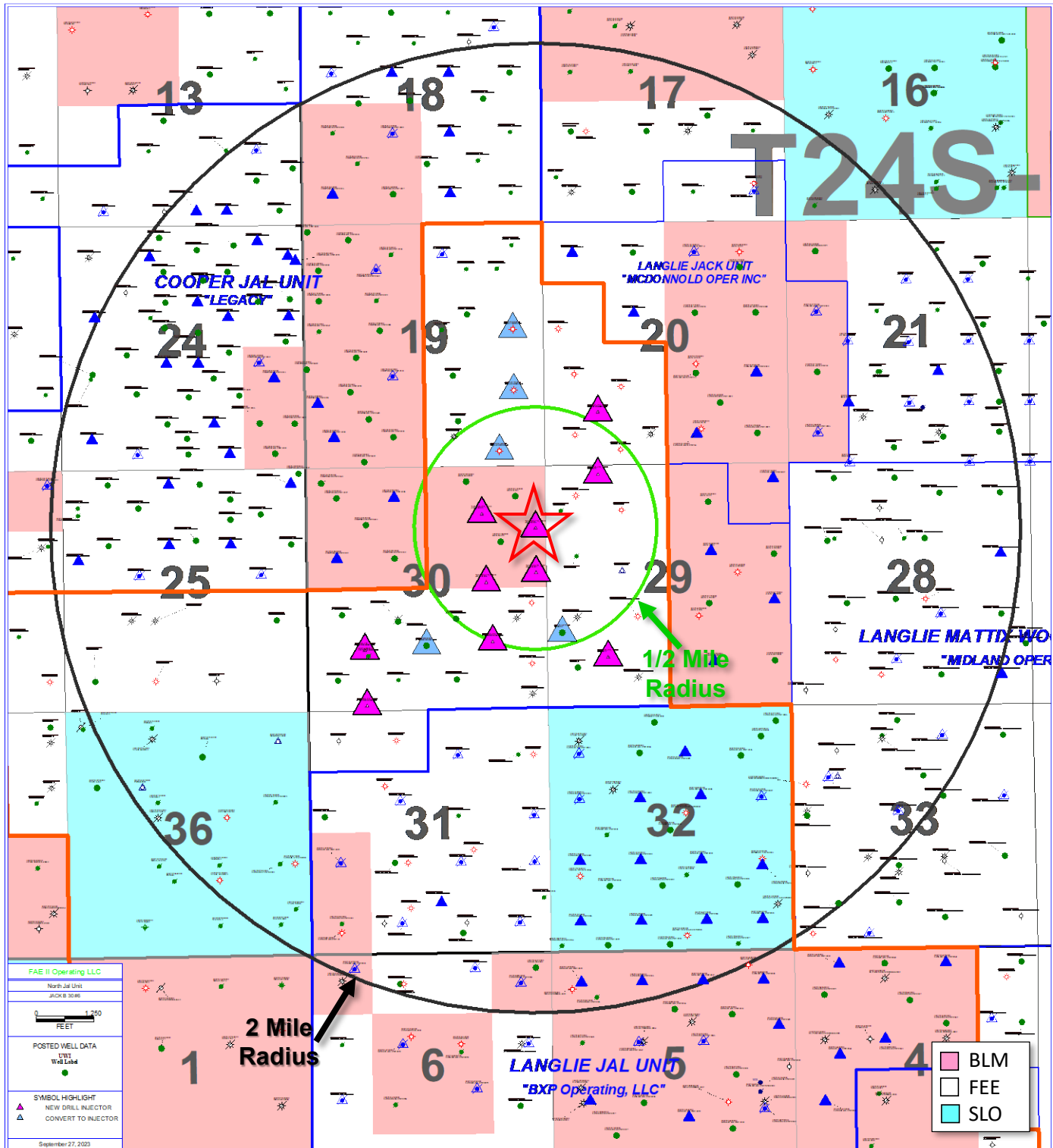
JACK B 30 #5



V.

Exhibit A10 shows 21 unique well locations within a 1/2 mile radius of the proposed new drill injector location, and 360 unique well locations within a 2-mile radius.

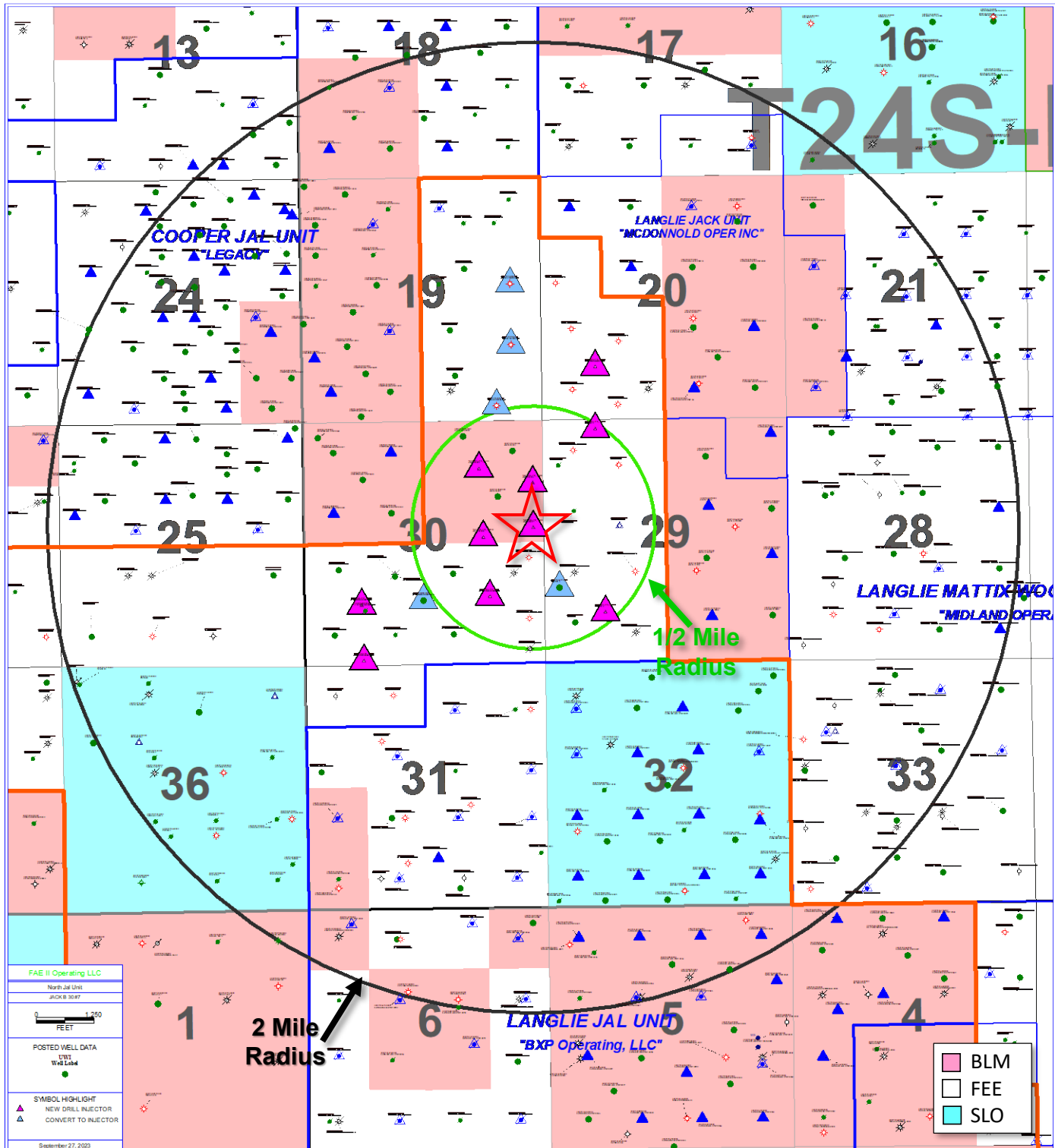
JACK B 30 #6



V.

Exhibit A11 shows 24 unique well locations within a 1/2 mile radius of the proposed new drill injector location, and 364 unique well locations within a 2-mile radius.

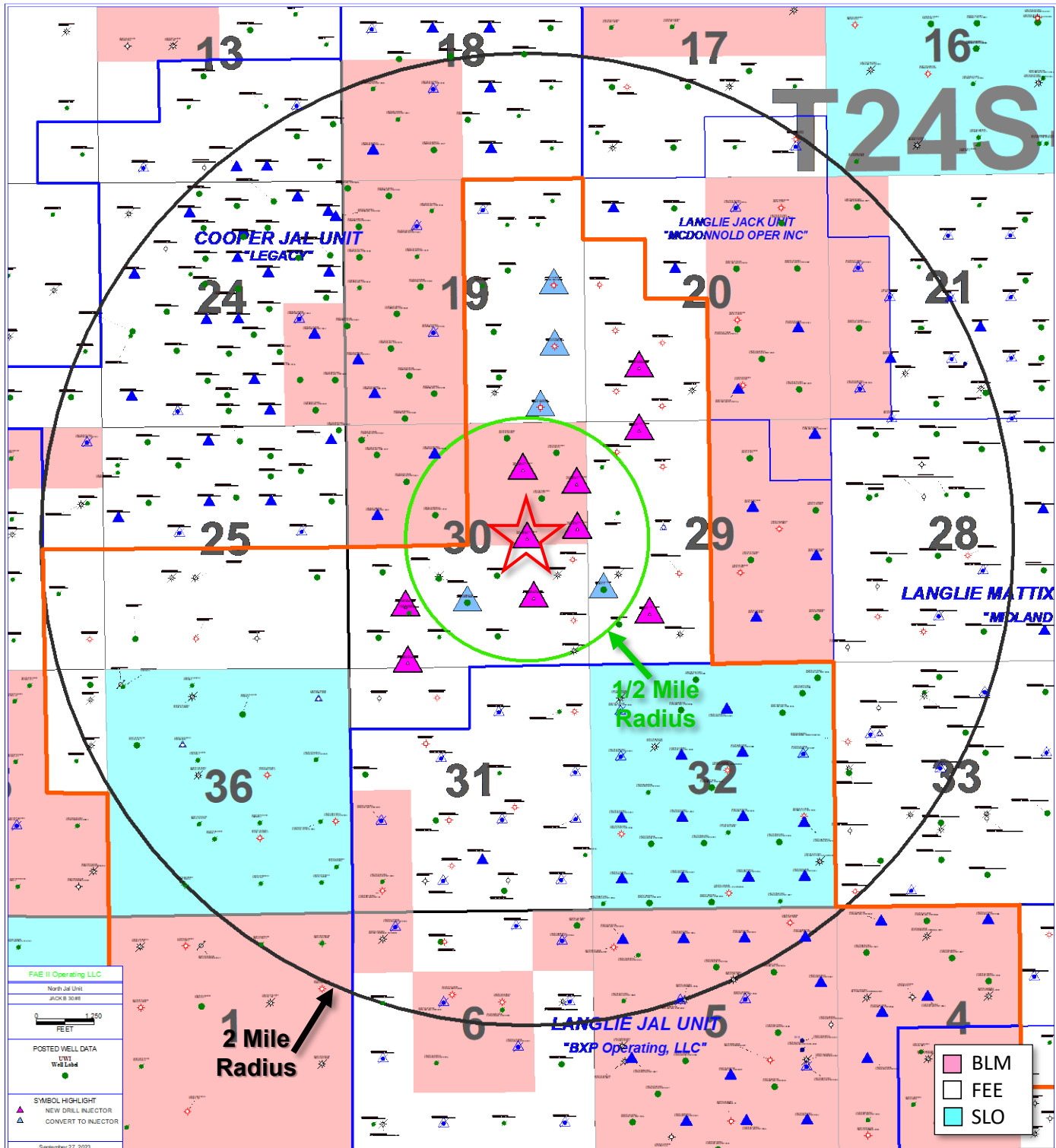
JACK B 30 #7



V.

Exhibit A12 shows 22 unique well locations within a ½ mile radius of the proposed new drill injector location, and 368 unique well locations within a 2-mile radius.

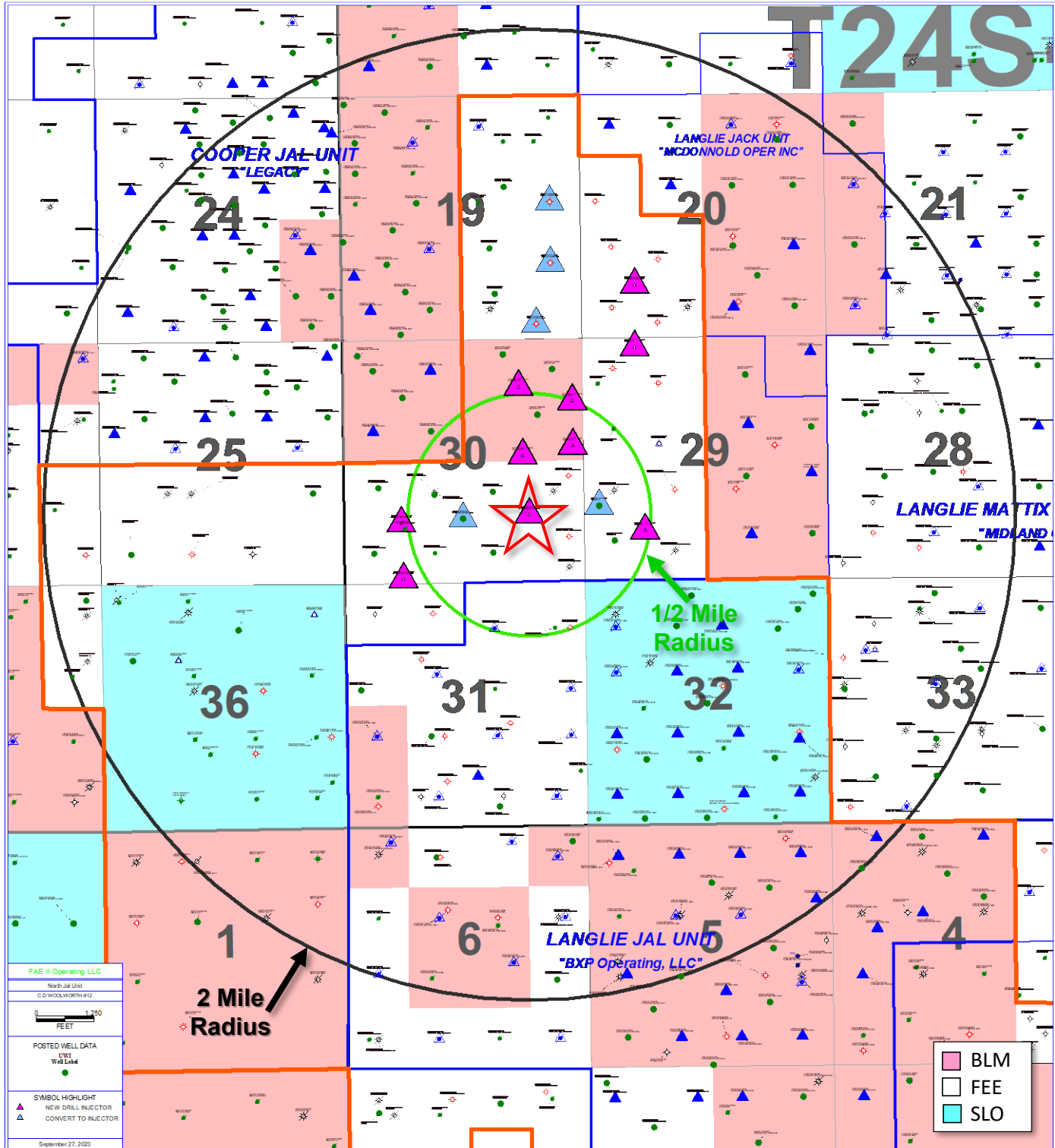
JACK B 30 #8



V.

Exhibit A13 shows 22 unique well locations within a 1/2 mile radius of the proposed new drill injector location, and 363 unique well locations within a 2-mile radius.

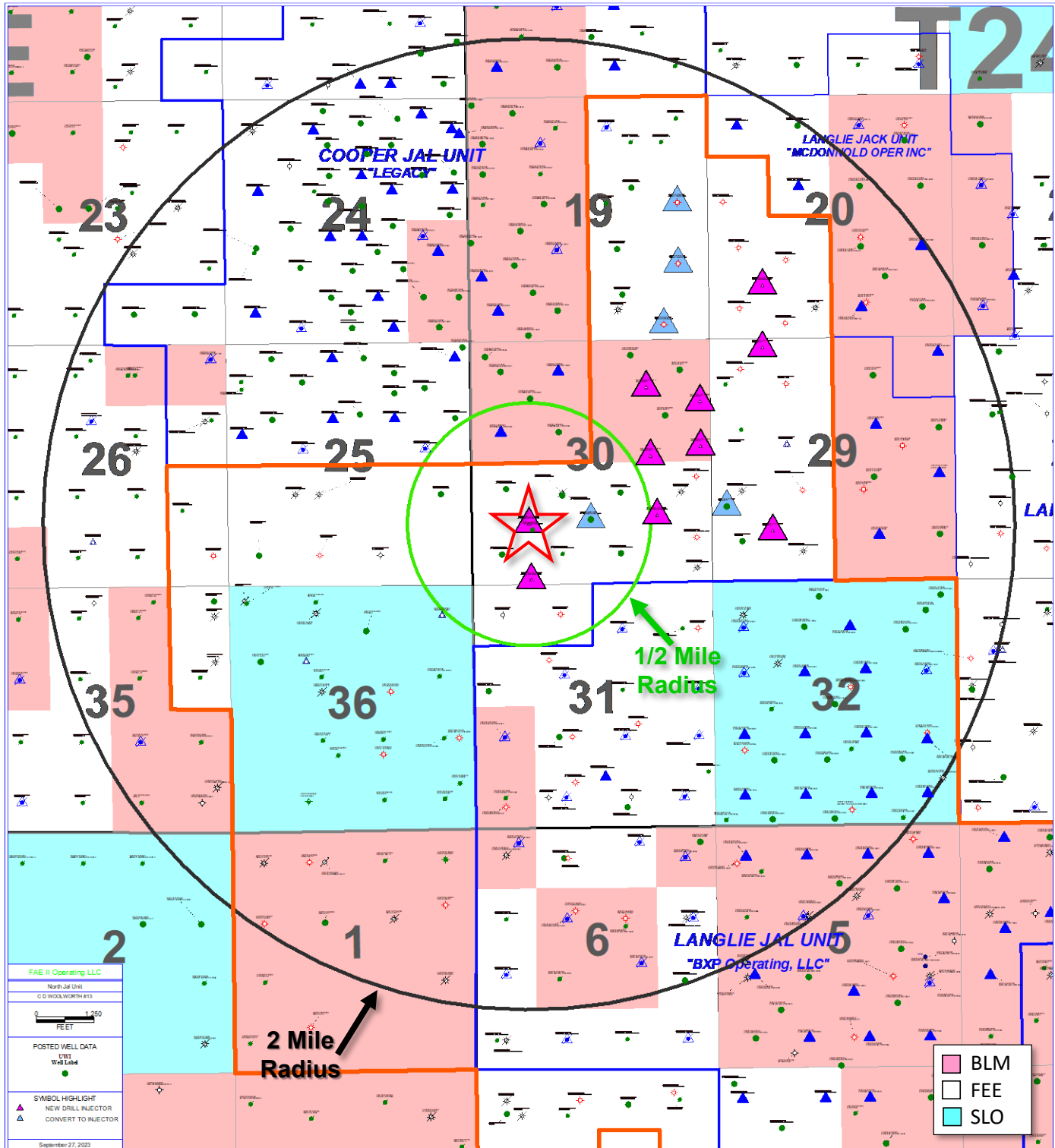
C D WOOLWORTH #12



V.

Exhibit A14 shows 16 unique well locations within a ½ mile radius of the proposed new drill injector location, and 347 unique well locations within a 2-mile radius.

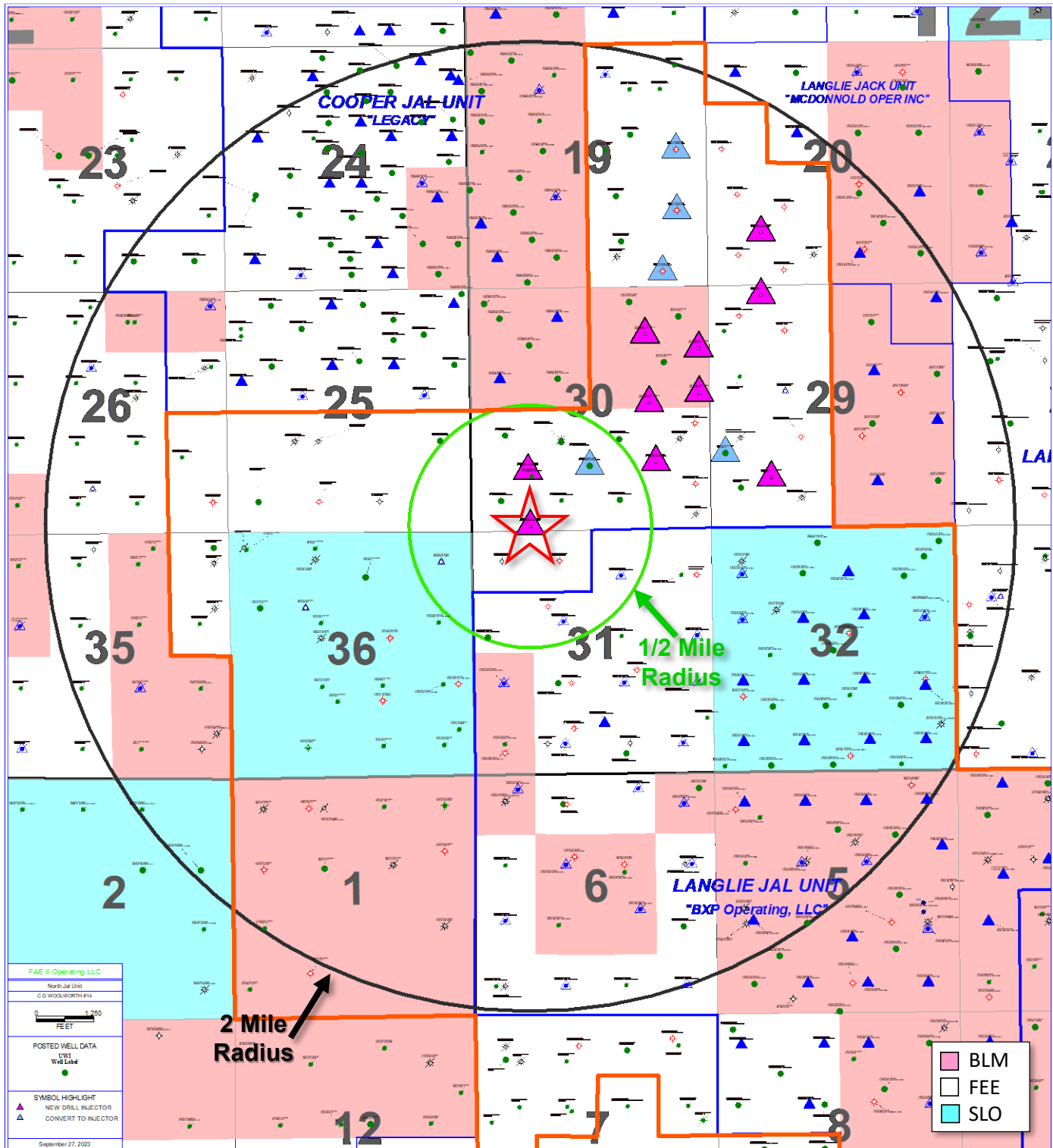
C D WOOLWORTH #13



V.

Exhibit A15 shows 17 unique well locations within a ½ mile radius of the proposed new drill injector location, and 344 unique well locations within a 2-mile radius.

C D WOOLWORTH #14



Part VI.

Following Exhibits, B1-B15, 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-A15. The plugged well wellbore diagrams are displayed in Exhibits C1-C26.

Exhibit B1

CITIES THOMAS #3
API: 30-025-25608

| UWI/API | OPERATOR | WELL LABEL | ID | WELL TYPE | CURRENT ZONE | Distance from CITIES THOMAS 3 (feet) | SPUD DATE | COMP DATE | TOWNSHIP | RANGE | SECTION | FOOTAGE |
|-----------------|---------------------------------|---------------------|------|-----------|--|--------------------------------------|------------|------------|----------|-------|---------|-------------------|
| 30025256080000 | FAE II Operating LLC | CITIES THOMAS 3 | 3700 | GAS | [37240] LANGUE MATTIX; 7 RVRs-Q-GRAVBURG | 0 | 8/17/1977 | 9/11/1977 | 245 | 37E | 19 | 660 FEL 2310 FNL |
| 30025256290000 | Finally Resources LLC | KING HARRISON C #1 | 3757 | GAS | [79240] JALMAT; TAN-YATES-7 RVRs (GAS) | 989.92 | 9/8/1977 | 10/18/1977 | 245 | 37E | 20 | 330 FWL 2310 FNL |
| 30025257560000 | FAE II Operating LLC | CITIES THOMAS 4 | 3733 | OIL | [37240] LANGUE MATTIX; 7 RVRs-Q-GRAVBURG | 1046.75 | 12/28/1977 | 2/1/1978 | 245 | 37E | 19 | 1650 FEL 1980 FNL |
| 30025257550000 | FAE II Operating LLC | ADELE SOWELL 2 | 3718 | GAS | [37240] LANGUE MATTIX; 7 RVRs-Q-GRAVBURG | 1327.96 | 1/10/1978 | 1/31/1978 | 245 | 37E | 19 | 660 FEL 1650 FSL |
| 30025286260000 | CIMAREX ENERGY CO. OF COLORADO | CITIES THOMAS #5 | 3750 | PLUGOIL | PLUGGED | 1363.03 | 3/22/1984 | 4/3/1984 | 245 | 37E | 19 | 990 FEL 990 FNL |
| 30025111640000 | OXY USA W/P LIMITED PARTNERSHIP | THOMAS #2 | 3680 | PLUGOIL | PLUGGED | 1549.85 | 8/31/1951 | 9/28/1951 | 245 | 37E | 19 | 2210 FEL 2310 FNL |
| 30025261390000 | FAE II Operating LLC | THOMAS A #3 | 3750 | OIL | [37240] LANGUE MATTIX; 7 RVRs-Q-GRAVBURG | 1652.15 | 3/26/1979 | 4/27/1979 | 245 | 37E | 19 | 1980 FEL 1980 FSL |
| 30025254000000 | CIMAREX ENERGY CO. OF COLORADO | CITIES THOMAS #1 | 3696 | PLUGOIL | PLUGGED | 1654.19 | 1/19/1977 | 2/5/1977 | 245 | 37E | 19 | 1650 FEL 990 FNL |
| 30025111680000 | Finally Resources LLC | KING HARRISON C #3 | 3694 | GAS | [79240] JALMAT; TAN-YATES-7 RVRs (GAS) | 1657.36 | 6/8/1937 | 8/8/1937 | 245 | 37E | 20 | 660 FWL 1980 FSL |
| 30025255120000 | CIMAREX ENERGY CO. OF COLORADO | CITIES THOMAS #2 | 3710 | PLUGOIL | PLUGGED | 1830.04 | 4/21/1977 | 5/26/1977 | 245 | 37E | 19 | 660 FEL 480 FNL |
| 30025111730000 | MCDONNOLD OPERATING INC | LANGUE JACK UNIT #6 | 3611 | INJECT | [37240] LANGUE MATTIX; 7 RVRs-Q-GRAVBURG | 2106.32 | 6/11/1947 | 8/7/1947 | 245 | 37E | 20 | 660 FWL 660 FNL |
| 30025111650000 | EL PASO NATURAL GAS CO | JJ THOMAS #1 | 3676 | PLUGOIL | PLUGGED | 2243.35 | 6/19/1959 | 11/27/1959 | 245 | 37E | 19 | 2173 FEL 660 FNL |
| 30025284640000 | FAE II Operating LLC | THOMAS A #4 | 3691 | OIL | [37240] LANGUE MATTIX; 7 RVRs-Q-GRAVBURG | 2330.47 | 12/16/1983 | 1/13/1984 | 245 | 37E | 19 | 1880 FEL 990 FSL |
| 300252537E_20KK | FAE II Operating LLC | FLUOR HARRISON #2 | | LOC-INTJ | New Injection Location | 2587.79 | TBD | TBD | 245 | 37E | 20 | 1158 FSL 1136 FNL |

Exhibit B2

ADELE SOWELL #1
API: 30-025-25630

| 1/2 Mile Radius | OPERATOR | WELL LABEL | TD | WELL TYPE | CURRENT ZONE | Distance from ADELE SOWELL 1 (feet) | SPUD DATE | COMP DATE | TOWNSHIP | RANGE | SECTION | FOOTAGE |
|------------------|--------------------------------|---------------------------|------|-----------|---|-------------------------------------|------------|------------|----------|-------|---------|-------------------|
| 30025256300000 | FAE II Operating LLC | ADELE SOWELL 1 | 3700 | GAS | [37240] LANGUE MATTX; 7 RVRB-Q-GRAYBURG | 0 | 8/27/1977 | 9/23/1977 | 245 | 37E | 19 | 990 FEL 390 FSL |
| 30025258710000 | FAE II Operating LLC | JACK B 30 2 | 3715 | OIL | [37240] LANGUE MATTX; 7 RVRB-Q-GRAYBURG ; [79240] JALMAT; TAN-VATES-7 RVRB (GAS) | 987.96 | 3/8/1978 | 7/1/1978 | 245 | 37E | 30 | 1725 FEL 330 FNL |
| 30025351390000 | FAE II Operating LLC | JACK B 30 3 | 3700 | OIL | [33820] JALMAT; TAN-VATES-7 RVRB (OIL) ; [37240] LANGUE MATTX; 7 RVRB-Q-GRAYBURG | 1044.48 | 9/8/2000 | 9/25/2000 | 245 | 37E | 30 | 660 FEL 660 FNL |
| 30025284640000 | FAE II Operating LLC | THOMAS A #4 | 3691 | OIL | [37240] LANGUE MATTX; 7 RVRB-Q-GRAYBURG | 1110.42 | 12/16/1983 | 1/13/1984 | 245 | 37E | 19 | 1880 FEL 990 FSL |
| 30025257550000 | FAE II Operating LLC | ADELE SOWELL 2 | 3718 | GAS | [37240] LANGUE MATTX; 7 RVRB-Q-GRAYBURG | 1360.03 | 1/10/1978 | 1/31/1978 | 245 | 37E | 19 | 660 FEL 1650 FSL |
| NUJ 245 37E 30AA | FAE II Operating LLC | JACK B 30 5 | | LOC-FINJ | New Injection Location | 1427.53 | TBD | TBD | 245 | 37E | 30 | 1030 FNL 1416 FEL |
| 30025254910000 | FAE II Operating LLC | FLUOR HARRISON #1 | 3700 | GAS | [79240] JALMAT; TAN-VATES-7 RVRB (GAS) | 1681.87 | 4/11/1977 | 5/4/1977 | 245 | 37E | 20 | 660 FNL 660 FSL |
| NUJ 245 37E 29DD | FAE II Operating LLC | JACK B 30 6 | | LOC-FINJ | New Injection Location | 1854.23 | TBD | TBD | 245 | 37E | 30 | 1348 FNL 250 FSL |
| 30025262390000 | ATLANTIC RICHFIELD COMPANY-THE | HARRISON 2 | 3682 | PLUGOIL | [37240] LANGUE MATTX; 7 RVRB-Q-GRAYBURG | 1867.6 | 2/17/1979 | 4/26/1979 | 245 | 37E | 29 | 330 FNL 990 FNL |
| 30025261390000 | FAE II Operating LLC | THOMAS A #3 | 3750 | OIL | [79240] JALMAT; TAN-VATES-7 RVRB (GAS) | 1925.77 | 3/26/1979 | 4/27/1979 | 245 | 37E | 19 | 1980 FEL 1980 FSL |
| 30025112820000 | APACHE CORPORATION | W H HARRISON A WVN COM #2 | 3650 | GAS | [79240] LANGUE MATTX; 7 RVRB-Q-GRAYBURG ; [33820] JALMAT; TAN-VATES-7 RVRB (OIL) ; [37240] LANGUE MATTX; 7 RVRB-Q-GRAYBURG ; [79240] JALMAT; TAN-VATES-7 RVRB (GAS) | 1925.8 | 1/3/1937 | 3/17/1937 | 245 | 37E | 29 | 660 FNL 660 FNL |
| 30025112840000 | FAE II Operating LLC | JACK B-30 1 | 3715 | OIL | [33820] JALMAT; TAN-VATES-7 RVRB (OIL) ; [37240] LANGUE MATTX; 7 RVRB-Q-GRAYBURG ; [79240] JALMAT; TAN-VATES-7 RVRB (GAS) | 1979.19 | 9/17/1947 | 10/20/1947 | 245 | 37E | 30 | 990 FEL 1650 FNL |
| NUJ 245 37E 20VN | FAE II Operating LLC | KIMMY 5 | | LOC-FINJ | New Injection Location | 2203.26 | TBD | TBD | 245 | 37E | 29 | 201 FNL 1120 FNL |
| NUJ 245 37E 20MK | FAE II Operating LLC | FLUOR HARRISON #2 | | LOC-FINJ | New Injection Location | 2302.87 | TBD | TBD | 245 | 37E | 20 | 1158 FSL 1136 FSL |
| 30025111600000 | LEGACY RESERVES OPERATING, LP | COOPER JAL UNIT #221 | 3770 | OIL | [33820] JALMAT; TAN-VATES-7 RVRB (OIL) ; [37240] LANGUE MATTX; 7 RVRB-Q-GRAYBURG | 2327.47 | 8/29/1949 | 9/16/1949 | 245 | 37E | 19 | 1916 FNL 660 FNL |
| 30025111680000 | Finally Resources LLC | KING HARRISON C#3 | 3694 | GAS | [79240] JALMAT; TAN-VATES-7 RVRB (GAS) | 2329.56 | 6/8/1937 | 8/8/1937 | 245 | 37E | 20 | 660 FNL 1980 FSL |
| 30025112900000 | LEGACY RESERVES OPERATING, LP | COOPER JAL UNIT #228 | 3134 | INJECT | [33820] JALMAT; TAN-VATES-7 RVRB (OIL) | 2511.22 | 10/30/1949 | 11/24/1949 | 245 | 37E | 30 | 1917 FNL 660 FNL |

Exhibit B3

ADELE SOWELL #2
API: 30-025-25755

| 1/2 Mile Radius | | | | | | | | | | | | |
|-------------------------|--------------------------------------|--------------------------|------|----------------|--|-------------------------------------|------------|------------|------------|------------|-----------|--------------------------|
| UW/API | OPERATOR | WELL LABEL | TD | WELL TYPE | CURRENT ZONE | Distance from ADELE SOWELL 2 (feet) | SPUD DATE | COMP DATE | TOWNSHIP | RANGE | SECTION | FOOTAGE |
| 30025257550000 | FAE II Operating LLC | ADELE SOWELL 2 | 3718 | GAS | [37240] LANGUE MATTX;7 RVRB-Q-GRAYBURG | 0 | 1/10/1978 | 1/31/1978 | 245 | 37E | 19 | 660 FEL 1650 FSL |
| 30025256080000 | FAE II Operating LLC | CITIES THOMAS 3 | 3700 | GAS | [37240] LANGUE MATTX;7 RVRB-Q-GRAYBURG | 1327.96 | 8/17/1977 | 9/11/1977 | 245 | 37E | 19 | 660 FEL 2310 FNL |
| 30025111680000 | Finaly Resources LLC | KING HARRISON C #3 | 3694 | GAS | [79240] JALMAT;7AN-VATES-7 RVRB (GAS) | 1358.83 | 6/8/1937 | 8/8/1937 | 245 | 37E | 20 | 660 FWL 1980 FSL |
| 30025256300000 | FAE II Operating LLC | ADELE SOWELL 1 | 3700 | GAS | [37240] LANGUE MATTX;7 RVRB-Q-GRAYBURG | 1360.03 | 8/27/1977 | 9/23/1977 | 245 | 37E | 19 | 990 FEL 330 FSL |
| 30025281390000 | FAE II Operating LLC | THOMAS A #3 | 3750 | OIL | [37240] LANGUE MATTX;7 RVRB-Q-GRAYBURG | 1360.95 | 3/28/1979 | 4/27/1979 | 245 | 37E | 19 | 1980 FEL 1980 FSL |
| 30025284640000 | FAE II Operating LLC | THOMAS A #4 | 3691 | OIL | [37240] LANGUE MATTX;7 RVRB-Q-GRAYBURG | 1387.15 | 12/16/1983 | 10/18/1984 | 245 | 37E | 19 | 1880 FEL 990 FSL |
| 30025256290000 | CITIES SERVICE OIL & GAS CORPORATION | THOMAS 1 | 3663 | PLUGGAS | PLUGGED | 1647.8 | 8/30/1950 | 10/9/1950 | 245 | 37E | 20 | 330 FWL 2310 FNL |
| 30025111630000 | Finaly Resources LLC | KING HARRISON C #1 | 3757 | GAS | [79240] JALMAT;7AN-VATES-7 RVRB (GAS) | 1652.64 | 9/8/1972 | 10/18/1977 | 245 | 37E | 20 | 660 FEL 660 FSL |
| 30025254910000 | FAE II Operating LLC | FLUOR HARRISON #1 | 3700 | GAS | [79240] JALMAT;7AN-VATES-7 RVRB (GAS) | 1653.03 | 4/11/1977 | 5/4/1977 | 245 | 37E | 20 | 660 FWL 660 FSL |
| NUJ 245-37E 20KK | FAE II Operating LLC | FLUOR HARRISON #2 | | LOC-NUJ | New Injection Location | 1893.43 | TBD | TBD | 245 | 37E | 20 | 1158 FSL 1136 FWL |
| 30025257560000 | FAE II Operating LLC | CITIES THOMAS 4 | 3733 | OIL | [37240] LANGUE MATTX;7 RVRB-Q-GRAYBURG | 1936.69 | 12/28/1977 | 2/1/1978 | 245 | 37E | 19 | 1650 FEL 1980 FNL |
| 30025111640000 | OXY USA W/P LIMITED PARTNERSHIP | THOMAS #2 | 3680 | PLUGOIL | PLUGGED | 2045.67 | 8/31/1951 | 9/28/1951 | 245 | 37E | 19 | 2210 FEL 2310 FNL |
| 30025258710000 | FAE II Operating LLC | JACK B 30 2 | 3715 | OIL | [37240] LANGUE MATTX;7 RVRB-Q-GRAYBURG ; [79240] JALMAT;7AN-VATES-7 RVRB (GAS) | 2247.45 | 3/8/1978 | 7/1/1978 | 245 | 37E | 30 | 1725 FEL 330 FNL |
| 30025313900000 | FAE II Operating LLC | JACK B 30 3 | 3700 | OIL | [33820] JALMAT;7AN-VATES-7 RVRB (OIL) ; [37240] LANGUE MATTX;7 RVRB-Q-GRAYBURG | 2310.27 | 9/8/2000 | 9/25/2000 | 245 | 37E | 30 | 660 FEL 660 FNL |
| 30025240710000 | Finaly Resources LLC | KING HARRISON C #5 | 3620 | GAS | [79240] JALMAT;7AN-VATES-7 RVRB (GAS) | 2339.34 | 3/29/1972 | 4/8/1972 | 245 | 37E | 20 | 1680 FWL 1700 FNL |
| NUJ 245-37E 20NN | FAE II Operating LLC | KIMMY 5 | | LOC-NUJ | New Injection Location | 2595.2 | TBD | TBD | 245 | 37E | 29 | 201 FNL 1120 FWL |

Exhibit B4

KIMMY #3
API: 30-025-26437

| 1/2 Mile Radius | UWI/API | OPERATOR | WELL LABEL | TD | WELL TYPE | CURRENT ZONE | Distance from Kimmy #3 (Feet) | SPUD DATE | COMP DATE | TOWNSHIP | RANGE | SECTION | FOOTAGE |
|-----------------|-------------------------|-----------------------------|-----------------------------|------|----------------|---|-------------------------------|------------|------------|------------|------------|-----------|--------------------------|
| | 30025264900000 | FAE II Operating LLC | KIMMY #3 | 3670 | OIL | [37240] LANGUE MATTX;7 RVRs-Q-GRAYBURG | 0 | 8/23/1979 | 10/27/1979 | 245 | 37E | 29 | 330 FWL 1650 FSL |
| | 30025112880000 | APACHE CORPORATION | WMI H HARRISON D WVN COM #1 | 3699 | PLUGGAS | PLUGGED | 468.21 | 6/23/1937 | 8/27/1937 | 245 | 37E | 29 | 660 FWL 1980 FSL |
| | 30025263800000 | FAE II Operating LLC | KIMMY #4 | 3653 | OIL | [37240] LANGUE MATTX;7 RVRs-Q-GRAYBURG | 829.33 | 1/24/1980 | 2/2/1980 | 245 | 37E | 29 | 660 FWL 890 FSL |
| | 30025263000000 | FAE II Operating LLC | GULF EDDIE CORRIGAN 2 | 3734 | GAS | [37240] LANGUE MATTX;7 RVRs-Q-GRAYBURG | 931.65 | 10/8/1978 | 10/29/1978 | 245 | 37E | 30 | 330 FEL 2310 FSL |
| | 30025260860000 | FAE II Operating LLC | GULF EDDIE CORRIGAN 1 | 3750 | GAS | [37240] LANGUE MATTX;7 RVRs-Q-GRAYBURG | 934.24 | 9/29/1978 | 10/27/1978 | 245 | 37E | 30 | 330 FEL 990 FSL |
| | 30025112880000 | GULF OIL CORPORATION | WOOLWORTH 1 | 3803 | PLUGGAS | PLUGGED | 1042.85 | 3/27/1937 | 5/23/1937 | 245 | 37E | 30 | 660 FEL 1980 FSL |
| | NUJ 245-37E 29KK | FAE II Operating LLC | KIMMY 6 | | LOC-INJ | New Injection Location | 1133.82 | TBD | TBD | 245 | 37E | 29 | 1085 FSL 1299 FWL |
| | NUJ 245-37E 29EE | FAE II Operating LLC | JACK B 30 7 | | LOC-INJ | New Injection Location | 1425.8 | TBD | TBD | 245 | 37E | 30 | 2320 FNL 248 FEL |
| | 30025112880000 | GULF OIL CORPORATION | WOOLWORTH 2 | 3657 | PLUGGAS | PLUGGED | 1474.6 | 1/1/1940 | 4/10/1940 | 245 | 37E | 30 | 330 FEL 330 FSL |
| | NUJ 245-37E 30II | FAE II Operating LLC | C D WOOLWORTH #12 | | LOC-INJ | New Injection Location | 1526.88 | TBD | TBD | 245 | 37E | 30 | 1461 FSL 1210 FEL |
| | 30025273670000 | APACHE CORPORATION | WMI H HARRISON D WVN COM #7 | 3756 | GAS | [79240] JALMAT;TAN-VATES-7 RVRs (GAS) | 1682.79 | 4/23/1981 | 8/9/1981 | 245 | 37E | 29 | 1980 FWL 1980 FSL |
| | 30025260600000 | YURONKA JOHN | HARRISON 1 | 3680 | PLUGOIL | PLUGGED | 1694.69 | 8/21/1978 | 10/26/1978 | 245 | 37E | 29 | 660 FWL 1980 FNL |
| | 30025264900000 | FAE II Operating LLC | KIMMY K #002 | 3660 | SWD | [37240] LANGUE MATTX;7 RVRs-Q-GRAYBURG; [96121] SWD;SAN ANDRES; [96132] SWD;SEVEN RIVERS-QUEEN | 1876.2 | 10/4/1979 | 12/10/1979 | 245 | 37E | 29 | 1650 FWL 2310 FNL |
| | 30025246690000 | APACHE CORPORATION | WMI H HARRISON D WVN COM #6 | 3656 | PLUGGAS | PLUGGED | 1924.1 | 4/11/1974 | 5/21/1974 | 245 | 37E | 29 | 1980 FWL 660 FSL |
| | NUJ 245-37E 30HH | FAE II Operating LLC | JACK B 30 8 | | LOC-INJ | New Injection Location | 1986.23 | TBD | TBD | 245 | 37E | 30 | 2523 FNL 1340 FEL |
| | 30025287980000 | FAE II Operating LLC | C D WOOLWORTH #7 | 3750 | OIL | [33820] JALMAT;TAN-VATES-7 RVRs (OIL); [37240] LANGUE MATTX;7 RVRs-Q-GRAYBURG | 2331.32 | 7/31/1984 | 10/1/1984 | 245 | 37E | 30 | 1980 FEL 1980 FSL |
| | NUJ 245-37E 29DD | FAE II Operating LLC | JACK B 30 6 | | LOC-INJ | New Injection Location | 2352.6 | TBD | TBD | 245 | 37E | 30 | 1348 FNL 250 FEL |
| | 00253455550000 | HERMAN L LOEB LLC | STATE A 32 #005 | 3300 | PLUGGAS | PLUGGED | 2384.72 | 6/4/1999 | 7/8/1999 | 245 | 37E | 32 | 660 FWL 710 FNL |
| | 00251128400000 | FAE II Operating LLC | JACK B-30 1 | 3715 | OIL | [33820] JALMAT;TAN-VATES-7 RVRs (OIL); [37240] LANGUE MATTX;7 RVRs-Q-GRAYBURG | 2391.74 | 9/17/1947 | 10/20/1947 | 245 | 37E | 30 | 990 FEL 1650 FN |
| | 00253287310000 | FAE II Operating LLC | C D WOOLWORTH #6 | 3750 | OIL | [33820] JALMAT;TAN-VATES-7 RVRs (OIL); [37240] LANGUE MATTX;7 RVRs-Q-GRAYBURG | 2512.87 | 5/31/1984 | 10/10/1984 | 245 | 37E | 30 | 1980 FEL 660 FSL |

Exhibit B5

C D WOOLWORTH #10
API: 30-025-33881

| 1/2 Mile Radius | OPERATOR | WELL LABEL | TD | WELL TYPE | CURRENT ZONE | Distance from C D WOOLWORTH #10 (Feet) | SPUD DATE | COMP DATE | TOWNSHIP | RANGE | SECTION | FOOTAGE |
|------------------|-------------------------------|----------------------|------|-----------|--|--|-----------|------------|----------|-------|---------|-------------------|
| 30025338820000 | FAE II Operating LLC | C D WOOLWORTH #10 | 3750 | OIL | [33820] JALUMAT'TAN-VATES-7 RVR5 (OIL) ; [37240] LANGLE MATTX;7 RVR5-Q-GRAVBURG | 0 | 3/29/1997 | 5/29/1997 | 24S | 37E | 30 | 2630 FEL 1400 FSL |
| 30025328620000 | FAE II Operating LLC | C D WOOLWORTH #8 | 3800 | OIL | [33820] JALUMAT'TAN-VATES-7 RVR5 (OIL) | 810.81 | 4/24/1995 | 7/14/1995 | 24S | 37E | 30 | 1980 FWL 1930 FSL |
| 30025112870000 | FAE II Operating LLC | CD WOOLWORTH 3 | 3300 | PLUGGAS | PLUGGED | 844.84 | 5/9/1949 | 6/12/1949 | 24S | 37E | 30 | 1980 FWL 1980 FSL |
| 30025287980000 | FAE II Operating LLC | C D WOOLWORTH #7 | 3750 | OIL | [33820] JALUMAT'TAN-VATES-7 RVR5 (OIL) ; [37240] LANGLE MATTX;7 RVR5-Q-GRAVBURG | 869.96 | 7/31/1984 | 10/1/1984 | 24S | 37E | 30 | 1980 FEL 1980 FSL |
| 30025328630000 | OXY USA INC | C D WOOLWORTH #9 | 3800 | PLUGOIL | PLUGGED | 966.33 | 4/30/1995 | 6/21/1995 | 24S | 37E | 30 | 1980 FWL 660 FSL |
| 30025287310000 | FAE II Operating LLC | C D WOOLWORTH #6 | 3750 | OIL | [33820] JALUMAT'TAN-VATES-7 RVR5 (OIL) ; [37240] LANGLE MATTX;7 RVR5-Q-GRAVBURG | 986.44 | 5/31/1984 | 10/10/1984 | 24S | 37E | 30 | 1980 FEL 660 FSL |
| 30025338820000 | OXY USA INC | C D WOOLWORTH #11 | 3760 | PLUGOIL | PLUGGED | 1286.64 | 4/14/1997 | 5/22/1997 | 24S | 37E | 30 | 1330 FWL 1185 FSL |
| NJU 24S-37E-30K | FAE II Operating LLC | C D WOOLWORTH #13 | | LOC-NU | New Injection Location | 1348.09 | TBD | TBD | 24S | 37E | 30 | 1323 FSL 1212 FWL |
| NJU 24S-37E-30II | FAE II Operating LLC | C D WOOLWORTH #12 | | LOC-NU | New Injection Location | 1443.48 | TBD | TBD | 24S | 37E | 30 | 1461 FSL 1210 FEL |
| NJU 24S-37E-30NN | FAE II Operating LLC | C D WOOLWORTH #14 | | LOC-NU | New Injection Location | 1845.91 | TBD | TBD | 24S | 37E | 30 | 109 FSL 1249 FSL |
| NJU 24S-37E-30HH | FAE II Operating LLC | JACK B 30 8 | | LOC-NU | New Injection Location | 1888.14 | TBD | TBD | 24S | 37E | 30 | 2523 FNL 1340 FSL |
| 30025254640000 | FAE II Operating LLC | C D WOOLWORTH #4 | 3700 | OIL | [33820] JALUMAT'TAN-VATES-7 RVR5 (OIL) ; [37240] LANGLE MATTX;7 RVR5-Q-GRAVBURG | 1956.88 | 3/22/1977 | 5/14/1977 | 24S | 37E | 30 | 760 FWL 2080 FSL |
| 30025112890000 | LEGACY RESERVES OPERATING, LP | COOPER JAL UNIT #232 | 3130 | OIL | [33820] JALUMAT'TAN-VATES-7 RVR5 (OIL) | 2023.25 | 9/11/1949 | 10/12/1949 | 24S | 37E | 30 | 1917 FWL 1980 FSL |
| 30025112850000 | FAE II Operating LLC | WOOLWORTH 1 | 3803 | PLUGGAS | [33820] JALUMAT'TAN-VATES-7 RVR5 (OIL) | 2051.12 | 3/27/1937 | 5/23/1937 | 24S | 37E | 30 | 660 FEL 1980 FSL |
| 30025257900000 | FAE II Operating LLC | C D WOOLWORTH #5 | 3750 | OIL | PLUGGED | 2074.28 | 2/27/1978 | 3/21/1978 | 24S | 37E | 30 | 660 FWL 660 FSL |
| 30025379590000 | FAE II Operating LLC | MARTIN B 3 | 3550 | GAS | [33820] JALUMAT'TAN-VATES-7 RVR5 (OIL) ; [37240] LANGLE MATTX;7 RVR5-Q-GRAVBURG | 2167.84 | 1/3/2007 | 2/15/2007 | 24S | 37E | 31 | 1917 FWL 660 FSL |
| 30025260860000 | FAE II Operating LLC | EDDIE CORRIGAN 1 | 3750 | GAS | [76480] EUMONT-VATES-7 RVR5-QUEEN (GAS) ; [79240] JALUMAT'TAN-VATES-7 RVR5 (GAS) | 2335.44 | 9/29/1978 | 10/27/1978 | 24S | 37E | 30 | 330 FEL 990 FSL |
| 30025361000000 | FAE II Operating LLC | EDDIE CORRIGAN 2 | 3734 | GAS | [37240] LANGLE MATTX;7 RVR5-Q-GRAVBURG | 2472.31 | 10/8/1978 | 10/29/1978 | 24S | 37E | 30 | 330 FEL 2310 FSL |
| 30025113040000 | LEGACY RESERVES OPERATING, LP | LANGUE JAL UNIT #001 | 3548 | PLUGINU | PLUGGED | 2478.66 | 7/19/1957 | 9/11/1957 | 24S | 37E | 31 | 1977 FEL 990 FSL |
| 30025112860000 | FAE II Operating LLC | WOOLWORTH 2 | 3657 | PLUGGAS | PLUGGED | 2538.44 | 1/1/1940 | 4/10/1940 | 24S | 37E | 30 | 330 FEL 330 FSL |

Exhibit B6

FLUOR HARRISON #2

| UWI/API | OPERATOR | WELL LABEL | TD | WELL TYPE | CURRENT ZONE | Distance from FLUOR HARRISON #2 (Feet) | SPUD DATE | COMP DATE | TOWNSHIP | RANGE | SECTION | FOOTAGE |
|--------------------------|--------------------------------|---------------------------|-------------|---------------|--|--|------------------|------------------|------------|------------|-----------|--------------------------|
| 1/2 Mile Radius | | | | | | | | | | | | |
| NUU_245_37E_200K | FAE II Operating LLC | FLUOR HARRISON #2 | | LOC-NU | New Injection Location | 0 | TBD | TBD | 245 | 37E | 20 | 1158 FSL 1136 FWL |
| 30025254910000 | FAE II Operating LLC | FLUOR HARRISON #1 | 3700 | GAS | [79240] JALMAT-TAN-VAATES-7 RVRS (GAS) | 702.11 | 4/11/1977 | 5/4/1977 | 245 | 37E | 20 | 660 FWL 660 FSL |
| 30025240710000 | Finally Resources LLC | KING HARRISON C#5 | 3620 | GAS | [79240] JALMAT-TAN-VAATES-7 RVRS (GAS) | 751.7 | 3/29/1972 | 4/8/1972 | 245 | 37E | 20 | 1680 FWL 1700 FSL |
| 30025260360000 | FAE II Operating LLC | HENRY HARRISON #1 | 3816 | GAS | [37240] LANGLE MAITTX-7 RVRS-Q-GRAYBURG | 955.35 | 8/31/1978 | 9/26/1978 | 245 | 37E | 20 | 1650 FWL 330 FSL |
| 30025116800000 | Finally Resources LLC | KING HARRISON C#3 | 3694 | GAS | [79240] JALMAT-TAN-VAATES-7 RVRS (GAS) | 973.58 | 6/8/1937 | 8/8/1937 | 245 | 37E | 20 | 660 FWL 1980 FSL |
| 30025117500000 | WISER OIL CO | CALLEY A #1 | 3635 | PLUGGAS | PLUGGED | 1247.06 | 8/9/1939 | 9/14/1939 | 245 | 37E | 20 | 2310 FWL 660 FSL |
| NUU_245_37E_200NN | FAE II Operating LLC | KIMMY 5 | | LOC-NU | New Injection Location | 1359 | TBD | TBD | 245 | 37E | 29 | 201 FWL 1120 FWL |
| 30025112820000 | APACHE CORPORATION | W H HARRISON A WVN COM #2 | 3650 | GAS | [79240] JALMAT-TAN-VAATES-7 RVRS (GAS) | 1878.7 | 1/3/1937 | 3/17/1937 | 245 | 37E | 29 | 660 FWL 660 FNL |
| 30025257550000 | FAE II Operating LLC | ADELE SOWELL 2 | 3718 | GAS | [37240] LANGLE MAITTX-7 RVRS-Q-GRAYBURG | 1893.43 | 1/10/1978 | 1/31/1978 | 245 | 37E | 19 | 660 FSL 1650 FSL |
| 30025256290000 | Finally Resources LLC | KING HARRISON C#1 | 3757 | GAS | [79240] JALMAT-TAN-VAATES-7 RVRS (GAS) | 2012.02 | 9/8/1977 | 10/18/1977 | 245 | 37E | 20 | 330 FWL 2310 FNL |
| 30025262430000 | FAE II Operating LLC | KIMMY K #1 | 3680 | GAS | [37240] LANGLE MAITTX-7 RVRS-Q-GRAYBURG | 2194.15 | 2/28/1979 | 3/21/1979 | 245 | 37E | 29 | 1650 FWL 990 FNL |
| 30025116900000 | MCDONNOLD OPERATING INC | LANGLE JACK UNIT #14 | 3593 | INJECT | [37240] JALMAT-TAN-VAATES-7 RVRS (GAS) | 2204.19 | 7/21/1939 | 9/2/1939 | 245 | 37E | 20 | 1980 FEL 660 FSL |
| 30025247890000 | FAE II Operating LLC | JACK A 20 10 | 3428 | GAS | [79240] JALMAT-TAN-VAATES-7 RVRS (GAS) | 2281.26 | 7/20/1974 | 9/4/1974 | 245 | 37E | 20 | 1880 FEL 760 FSL |
| 30025262390000 | ATLANTIC RICHFIELD COMPANY THE | HARRISON 2 | 3682 | PLUGOIL | PLUGGED | 2293 | 2/17/1979 | 4/26/1979 | 245 | 37E | 29 | 330 FWL 990 FNL |
| 30025117200000 | MCDONNOLD OPERATING INC | LANGLE JACK UNIT #7 | 3582 | INJECT | [37240] LANGLE MAITTX-7 RVRS-Q-GRAYBURG | 2297 | 6/9/1939 | 7/1/1939 | 245 | 37E | 20 | 1980 FWL 1980 FSL |
| 30025116700000 | MCDONNOLD OPERATING INC | LANGLE JACK UNIT #13 | 3594 | OIL | [37240] LANGLE MAITTX-7 RVRS-Q-GRAYBURG | 2297.91 | 6/5/1939 | 7/3/1939 | 245 | 37E | 20 | 1980 FEL 1980 FSL |
| 30025256300000 | FAE II Operating LLC | ADELE SOWELL 1 | 3700 | GAS | [37240] LANGLE MAITTX-7 RVRS-Q-GRAYBURG | 2302.87 | 8/27/1977 | 9/23/1977 | 245 | 37E | 19 | 990 FEL 330 FSL |
| 30025307030000 | FAE II Operating LLC | JACK A 20 11 | 3472 | GAS | [79240] JALMAT-TAN-VAATES-7 RVRS (GAS) | 2377.53 | 10/24/1989 | 11/4/1989 | 245 | 37E | 20 | 1980 FEL 2180 FSL |
| 30025351390000 | FAE II Operating LLC | JACK B 30 3 | 3700 | OIL | [33820] JALMAT-TAN-VAATES-7 RVRS (OIL) ; [37240] LANGLE MAITTX-7 RVRS-Q-GRAYBURG | 2565.66 | 9/8/2000 | 9/25/2000 | 245 | 37E | 30 | 660 FEL 660 FNL |
| 30025256080000 | FAE II Operating LLC | CITIES THOMAS 3 | 3700 | GAS | [37240] LANGLE MAITTX-7 RVRS-Q-GRAYBURG | 2587.79 | 8/17/1977 | 9/11/1977 | 245 | 37E | 19 | 660 FEL 2310 FNL |

Exhibit B7

KIMMY #5

| 1/2 Mile Radius | OPERATOR | WELL LABEL | TD | WELL TYPE | CURRENT ZONE | Distance from KIMMY 5 (feet) | SPUD DATE | COMP DATE | TOWNSHIP | RANGE | SECTION | FOOTAGE |
|-------------------------|--------------------------------|--------------------------|-------------|----------------|--|------------------------------|------------------|------------------|------------|------------|-----------|--------------------------|
| NUU 245-37E-20MN | FAE II Operating LLC | KIMMY 5 | | LOC-INI | New Injection Location | 0 | TBD | TBD | 245 | 37E | 29 | 201 FNL 1120 FNL |
| 30025112820000 | APACHE CORPORATION | W H HARRISON A WN COM #2 | 3650 | GAS | [79240] JALMAT-TAN-VATES-7 RVR5 (GAS) | 662.86 | 1/3/1937 | 3/17/1937 | 245 | 37E | 29 | 660 FNL 660 FNL |
| 30025360360000 | FAE II Operating LLC | HENRY HARRISON #1 | 3816 | GAS | [37240] LANGLIE MATTKX-7 RVR5-Q-GRAYBURG | 735.56 | 8/31/1978 | 9/26/1978 | 245 | 37E | 20 | 1650 FNL 330 FSL |
| 3002562490000 | FAE II Operating LLC | KIMMY K #1 | 3680 | GAS | [37240] LANGLIE MATTKX-7 RVR5-Q-GRAYBURG | 929.12 | 2/28/1979 | 3/21/1979 | 245 | 37E | 29 | 1650 FNL 990 FNL |
| 30025354910000 | FAE II Operating LLC | FLUOR HARRISON #1 | 3700 | GAS | [79240] JALMAT-TAN-VATES-7 RVR5 (GAS) | 996.04 | 4/11/1977 | 5/4/1977 | 245 | 37E | 20 | 660 FNL 660 FSL |
| 3002562390000 | ATLANTIC RICHFIELD COMPANY THE | HARRISON 2 | 3682 | PLUGOIL | PLUGGED | 1126.14 | 2/17/1979 | 4/26/1979 | 245 | 37E | 29 | 330 FNL 990 FNL |
| NUU 245-37E-20KK | FAE II Operating LLC | FLUOR HARRISON #2 | | LOC-INI | New Injection Location | 1359 | TBD | TBD | 245 | 37E | 20 | 1158 FSL 1136 FNL |
| 30025111750000 | WISER OIL CO | CALLEY A #1 | 3635 | PLUGGAS | PLUGGED | 1450.07 | 8/9/1939 | 9/14/1939 | 245 | 37E | 20 | 2310 FNL 660 FSL |
| NUU 245-37E-29DD | FAE II Operating LLC | JACK B 30 6 | | LOC-INI | New Injection Location | 1788.19 | TBD | TBD | 245 | 37E | 30 | 1348 FNL 250 FNL |
| 30025260660000 | YURONKA JOHN | HARRISON 1 | 3680 | PLUGOIL | PLUGGED | 1837.12 | 8/21/1978 | 10/26/1978 | 245 | 37E | 29 | 660 FNL 1980 FNL |
| 30025351390000 | FAE II Operating LLC | JACK B 30 3 | 3700 | OIL | [33820] JALMAT-TAN-VATES-7 RVR5 (OIL) ; [37240] LANGLIE MATTKX-7 RVR5-Q-GRAYBURG | 1858.48 | 9/8/2000 | 9/25/2000 | 245 | 37E | 30 | 660 FEL 660 FNL |
| 30025240710000 | Finally Resources LLC | KING HARRISON C#5 | 3620 | GAS | [79240] JALMAT-TAN-VATES-7 RVR5 (GAS) | 1980.39 | 3/29/1972 | 4/8/1972 | 245 | 37E | 20 | 1680 FNL 1700 FSL |
| 30025264900000 | FAE II Operating LLC | KIMMY K #002 | 3660 | SWD | [37240] LANGLIE MATTKX-7 RVR5-Q-GRAYBURG ; [96121] SWD-SAN ANDRES ; [96132] SWD-SEVEN RIVERS-QUEEN | 2160.99 | 10/4/1979 | 12/10/1979 | 245 | 37E | 29 | 1650 FNL 2310 FNL |
| 30025256300000 | FAE II Operating LLC | ADELE SOWELL 1 | 3700 | GAS | [37240] LANGLIE MATTKX-7 RVR5-Q-GRAYBURG | 2203.26 | 8/27/1977 | 9/23/1977 | 245 | 37E | 19 | 990 FEL 330 FSL |
| 30025111680000 | Finally Resources LLC | KING HARRISON C#3 | 3694 | GAS | [79240] JALMAT-TAN-VATES-7 RVR5 (GAS) | 2244.14 | 6/8/1937 | 8/8/1937 | 245 | 37E | 20 | 660 FNL 1980 FSL |
| 30025111690000 | MCDONNOLD OPERATING INC | LANGLIE JACK UNIT #14 | 3593 | INJECT | [37240] LANGLIE MATTKX-7 RVR5-Q-GRAYBURG | 2331.42 | 7/21/1939 | 9/2/1939 | 245 | 37E | 20 | 1980 FEL 660 FSL |
| 30025247890000 | FAE II Operating LLC | JACK A 20 10 | 3428 | GAS | [79240] JALMAT-TAN-VATES-7 RVR5 (GAS) | 2461.91 | 7/20/1974 | 9/4/1974 | 245 | 37E | 20 | 1880 FEL 760 FSL |
| 30025235990000 | MCDONNOLD OPERATING INC | JACK A 29 #5 | 3630 | OIL | [37240] LANGLIE MATTKX-7 RVR5-Q-GRAYBURG | 2473.63 | 11/1/1970 | 11/20/1970 | 245 | 37E | 29 | 1750 FEL 825 FSL |
| U 245-37E-29EE | FAE II Operating LLC | JACK B 30 7 | | LOC-INI | New Injection Location | 2524.54 | TBD | TBD | 245 | 37E | 30 | 2320 FNL 248 FSL |
| 30025112840000 | FAE II Operating LLC | JACK B-30 1 | 3715 | OIL | [33820] JALMAT-TAN-VATES-7 RVR5 (OIL) ; [37240] LANGLIE MATTKX-7 RVR5-Q-GRAYBURG ; [79240] JALMAT-TAN-VATES-7 RVR5 (GAS) | 2572.6 | 9/17/1947 | 10/20/1947 | 245 | 37E | 30 | 990 FEL 1650 FNL |
| 30025257550000 | FAE II Operating LLC | ADELE SOWELL 2 | 3718 | GAS | [37240] LANGLIE MATTKX-7 RVR5-Q-GRAYBURG | 2595.2 | 1/10/1978 | 1/31/1978 | 245 | 37E | 19 | 660 FEL 1650 FSL |

Exhibit B8

KIMMY #6

| 1/2 Mile Radius | OPERATOR | WELL LABEL | TD | WELL TYPE | CURRENT ZONE | Distance from KIMMY 6 (feet) | SPUD DATE | COMP DATE | TOWNSHIP | RANGE | SECTION | FOOTAGE |
|------------------------|--------------------------------|-----------------------------|-------------|---------------|---|------------------------------|------------------|-------------------|------------|------------|-----------|--------------------------|
| | FAEII Operating LLC | KIMMY 6 | | LOC-NU | New Injection Location | 0 | TBD | TBD | 245 | 37E | 29 | 1085 FSL 1299 FWL |
| NUU 245-37E 29K | FAEII Operating LLC | KIMMY #4 | 3653 | OIL | [37240] LANGLE MATTX;7 RVR-S-Q-GRAVBURG | 695.75 | 1/24/1980 | 2/2/1980 | 245 | 37E | 29 | 660 FWL 890 FSL |
| 30025266380000 | FAEII Operating LLC | WM/H HARRISON D W/ N COM #6 | 3656 | PLOGGAS | PLOGGED | 791.94 | 4/11/1974 | 5/21/1974 | 245 | 37E | 29 | 1980 FWL 660 FSL |
| 30025246690000 | APACHE CORPORATION | WM/H HARRISON D W/ N COM #7 | 3756 | GAS | [79240] JALMAT;7 RVR-S-Q-GRAVBURG (GAS) | 1098.82 | 4/23/1981 | 8/9/1981 | 245 | 37E | 29 | 1980 FWL 1980 FSL |
| 30025276670000 | APACHE CORPORATION | WM/H HARRISON D W/ N COM #1 | 3699 | PLOGGAS | PLOGGED | 1099.63 | 6/23/1937 | 8/27/1937 | 245 | 37E | 29 | 660 FWL 1980 FSL |
| 30025112830000 | FAEII Operating LLC | KIMMY #3 | 3670 | OIL | [37240] LANGLE MATTX;7 RVR-S-Q-GRAVBURG | 1133.82 | 8/23/1979 | 10/27/1979 | 245 | 37E | 29 | 330 FWL 1650 FSL |
| 30025264370000 | FAEII Operating LLC | GULF EDDIE CORRIGAN 1 | 3750 | GAS | [37240] LANGLE MATTX;7 RVR-S-Q-GRAVBURG | 1656.33 | 9/29/1978 | 10/27/1978 | 245 | 37E | 30 | 330 FEL 990 FSL |
| 30025260860000 | FAEII Operating LLC | PENROC STATE #1 | 3587 | OIL | [38820] JALMAT;7 RVR-S-Q-GRAVBURG (OIL) | 1738.27 | 4/28/1941 | 8/24/1941 | 245 | 37E | 32 | 2310 FWL 330 FNL |
| 30025113160000 | GULF OIL CORPORATION | WOOLWORTH 2 | 3657 | PLOGGAS | PLOGGED | 1821.74 | 1/1/1940 | 4/10/1940 | 245 | 37E | 30 | 330 FEL 330 FSL |
| 3002512860000 | FAEII Operating LLC | KIMMY K #002 | 3660 | SWD | [37240] LANGLE MATTX;7 RVR-S-Q-GRAVBURG; [96121] SWD;SAN ANDRES; [96132] SWD;SEVEN RIVERS-QUEEN | 1909.89 | 10/4/1979 | 12/10/1979 | 245 | 37E | 29 | 1650 FWL 2310 FNL |
| 30025345550000 | HERMAN L LOEB LLC | STATE A 32 #005 | 3200 | PLOGGAS | PLOGGED | 1930.35 | 6/4/1999 | 7/8/1999 | 245 | 37E | 32 | 660 FWL 710 FNL |
| 30025261000000 | FAEII Operating LLC | GULF EDDIE CORRIGAN 2 | 3734 | GAS | [37240] LANGLE MATTX;7 RVR-S-Q-GRAVBURG | 2045.21 | 10/8/1978 | 10/29/1978 | 245 | 37E | 30 | 330 FEL 2310 FS |
| 30025112850000 | GULF OIL CORPORATION | WOOLWORTH 1 | 3803 | PLOGGAS | PLOGGED | 2167.5 | 3/27/1937 | 5/23/1937 | 245 | 37E | 30 | 660 FEL 1980 FS |
| 30025247880000 | MCDONNOLD OPERATING INC | JACK A 29 #8 | 3200 | GAS | [79240] JALMAT;7 RVR-S-Q-GRAVBURG (GAS) | 2171.91 | 7/24/1974 | 9/4/1974 | 245 | 37E | 29 | 1980 FEL 1980 FS |
| 30025248380000 | BXP Operating, LLC | LANGLE JAL UNIT #004 | 3890 | OIL | [37240] LANGLE MATTX;7 RVR-S-Q-GRAVBURG | 2189.73 | 8/31/1974 | 10/3/1974 | 245 | 37E | 32 | 1980 FWL 990 FNL |
| 30025113110000 | LEGA CV RESERVES OPERATING, LP | LANGLE JAL UNIT #03 | 3575 | PLOGGINJ | PLOGGED | 2195.74 | 10/13/1999 | 11/14/1999 | 245 | 37E | 32 | 660 FWL 990 FNL |
| 30025248380000 | VIORONKA JOHN | HARRISON 1 | 3880 | PLOGGINJ | PLOGGED | 2307.47 | 8/21/1978 | 10/26/1978 | 245 | 37E | 29 | 660 FWL 1980 FNL |
| 30025260600000 | MCDONNOLD OPERATING INC | JACK A 29 #004 | 3589 | INJECT | [37240] LANGLE MATTX;7 RVR-S-Q-GRAVBURG | 2316.68 | 6/3/1940 | 7/10/1940 | 245 | 37E | 29 | 1650 FEL 990 FS |
| 30025237750000 | FAEII Operating LLC | JACK B 30 #7 | 3660 | LOC-NU | New Injection Location | 2420.73 | TBD | TBD | 245 | 37E | 30 | 2320 FWL 248 FS |
| 30025237750000 | MCDONNOLD OPERATING INC | JACK A 29 #007 | 3660 | OIL | [37240] LANGLE MATTX;7 RVR-S-Q-GRAVBURG | 2497.07 | 5/19/1971 | 6/8/1971 | 245 | 37E | 29 | 1750 FEL 2250 FS |
| 30025237750000 | FAEII Operating LLC | C D WOOLWORTH #12 | 3660 | LOC-NU | New Injection Location | 2536.29 | TBD | TBD | 245 | 37E | 30 | 1461 FSL 1210 FS |

Exhibit B9

JACK B 30 #5

| UW/API | OPERATOR | WELL LABEL | TD | WELL TYPE | CURRENT ZONE | Distance from JACK B 30 5 (feet) | SPUD DATE | COMP DATE | TOWNSHIP | RANGE | SECTION | FOOTAGE |
|-------------------------|--------------------------------------|---------------------------|-------------|----------------|--|----------------------------------|------------------|------------------|------------|------------|-------------------------|--------------------------|
| 1/2 Mile Radius | | | | | | | | | | | | |
| NUJ 245 37E 30A | FAE II Operating LLC | JACK B 30 5 | | LOC-INJ | New Injection Location | 0 | TBD | TBD | 24S | 37E | 30 | 1030 FNL 1416 FEL |
| 30025112840000 | FAE II Operating LLC | JACK B-30 1 | 3715 | OIL | [33820] JALMAT; TAN-VATES-7 RVR5 (OIL) ; [37240] LANGLE MATTX; 7 RVR5-Q-GRAVBURG; [79240] JALMAT; TAN-VATES-7 RVR5 (GAS) | 730.23 | 9/17/1947 | 10/20/1947 | 24S | 37E | 30 | 990 FEL 1650 FNL |
| 3002528710000 | FAE II Operating LLC | JACK B 30 2 | 3715 | OIL | [37240] LANGLE MATTX; 7 RVR5-Q-GRAVBURG; [79240] JALMAT; TAN-VATES-7 RVR5 (GAS) | 784.12 | 3/8/1978 | 7/1/1978 | 24S | 37E | 30 | 1725 FEL 330 FNL |
| 3002535130000 | FAE II Operating LLC | JACK B 30 3 | 3700 | OIL | [33820] JALMAT; TAN-VATES-7 RVR5 (OIL) ; [37240] LANGLE MATTX; 7 RVR5-Q-GRAVBURG | 825.43 | 9/8/2000 | 9/25/2000 | 24S | 37E | 30 | 660 FEL 660 FNL |
| NUJ 245 37E 299D | FAE II Operating LLC | JACK B 30 6 | | LOC-INJ | New Injection Location | 1208.01 | TBD | TBD | 24S | 37E | 30 | 1348 FNL 250 FEL |
| 3002525630000 | FAE II Operating LLC | ADELE SOWELL 1 | 3700 | GAS | [37240] LANGLE MATTX; 7 RVR5-Q-GRAVBURG | 1427.53 | 8/27/1977 | 9/23/1977 | 24S | 37E | 19 | 990 FEL 330 FSL |
| NUJ 245 37E 30HH | FAE II Operating LLC | JACK B 30 8 | | LOC-INJ | New Injection Location | 1495.2 | TBD | TBD | 24S | 37E | 30 | 2523 FNL 1340 FEL |
| 30025262390000 | ATLANTIC RICHFIELD COMPANY THE | HARRISON 2 | 3682 | PLUGOIL | PLUGGED | 1722.94 | 2/17/1979 | 4/26/1979 | 24S | 37E | 29 | 330 FNL 990 FNL |
| NUJ 245 37E 29EE | FAE II Operating LLC | JACK B 30 7 | | LOC-INJ | New Injection Location | 1740.07 | TBD | TBD | 24S | 30 | 2320 FNL 248 FEL | |
| 3002511630000 | CITIES SERVICE OIL & GAS CORPORATION | THOMAS 1 | 3663 | PLUGGAS | PLUGGED | 1798.64 | 8/30/1950 | 10/9/1950 | 24S | 37E | 19 | 1980 FEL 660 FSL |
| 3002511290000 | LEGACY RESERVES OPERATING, LP | COOPER JAL UNIT #228 | 3134 | INJECT | [33820] JALMAT; TAN-VATES-7 RVR5 (OIL) | 1943.36 | 10/30/1949 | 11/24/1949 | 24S | 37E | 30 | 1917 FNL 660 FNL |
| 30025112820000 | APACHE CORPORATION | W/H HARRISON A WVN COM #2 | 3650 | GAS | [79240] JALMAT; TAN-VATES-7 RVR5 (GAS) | 2085.21 | 1/3/1937 | 3/17/1937 | 24S | 37E | 29 | 660 FNL 660 FNL |
| 30025284640000 | FAE II Operating LLC | THOMAS A #4 | 3691 | OIL | [37240] LANGLE MATTX; 7 RVR5-Q-GRAVBURG | 2089.24 | 12/16/1983 | 1/13/1984 | 24S | 37E | 19 | 1880 FEL 990 FSL |
| 02025128390000 | LEGACY RESERVES OPERATING, LP | COOPER JAL UNIT #232 | 3134 | OIL | [33820] JALMAT; TAN-VATES-7 RVR5 (OIL) | 2131.83 | 9/11/1949 | 10/12/1949 | 24S | 37E | 30 | 1917 FNL 1980 FNL |
| 02025610000000 | FAE II Operating LLC | GULF EDIE CORRIGAN 2 | 3734 | GAS | [37240] LANGLE MATTX; 7 RVR5-Q-GRAVBURG | 2216.71 | 10/8/1978 | 10/29/1978 | 24S | 37E | 30 | 330 FEL 2310 FSL |
| 02025606000000 | YUROKA JOHN | HARRISON 1 | 3680 | PLUGOIL | PLUGGED | 2257.83 | 8/21/1978 | 10/26/1978 | 24S | 37E | 29 | 660 FNL 1980 FNL |
| 02025879800000 | FAE II Operating LLC | C D WOOLWORTH #7 | 3750 | OIL | [33820] JALMAT; TAN-VATES-7 RVR5 (OIL) ; [37240] LANGLE MATTX; 7 RVR5-Q-GRAVBURG | 2348.01 | 7/31/1984 | 10/1/1984 | 24S | 37E | 30 | 1980 FEL 1980 FNL |
| 02025112850000 | GULF OIL CORPORATION | WOOLWORTH 1 | 3803 | PLUGGAS | PLUGGED | 2390.38 | 3/27/1937 | 5/23/1937 | 24S | 37E | 30 | 660 FEL 1980 FSL |
| 02025296900000 | LEGACY RESERVES OPERATING, LP | COOPER JAL UNIT #413 | 3775 | OIL | [33820] JALMAT; TAN-VATES-7 RVR5 (OIL) ; [37240] LANGLE MATTX; 7 RVR5-Q-GRAVBURG | 2534.97 | 5/27/1995 | 8/14/1995 | 24S | 37E | 30 | 1300 FNL 1250 FNL |
| 02025111600000 | LEGACY RESERVES OPERATING, LP | COOPER JAL UNIT #221 | 3770 | OIL | [33820] JALMAT; TAN-VATES-7 RVR5 (OIL) ; [37240] LANGLE MATTX; 7 RVR5-Q-GRAVBURG | 2551.22 | 8/29/1949 | 9/16/1949 | 24S | 37E | 19 | 1916 FNL 660 FSL |

Exhibit B10

JACK B 30 #6

| 1/2 Mile Radius | UWI/API | OPERATOR | WELL LABEL | ID | WELL TYPE | CURRENT ZONE | Distance from JACK B 30 #6 (feet) | SPUD DATE | COMP DATE | TOWNSHIP | RANGE | SECTION | FOOTAGE |
|-----------------|-------------------------|--------------------------------|-----------------------------|-------------|----------------|--|-----------------------------------|------------------|-------------------|------------|------------|-----------|--------------------------|
| | NUJ 245-37E 290D | FAE II Operating LLC | JACK B 30 6 | | LOC-INJ | New Injection Location | 0 | TBD | TBD | 24S | 37E | 30 | 1348 FNL 250 FEL |
| | 3002562390000 | ATLANTIC RICHFIELD COMPANY THE | HARRISON 2 | 3682 | PLUGOIL | PLUGGED | 668.62 | 2/17/1979 | 4/26/1979 | 24S | 37E | 29 | 330 FNL 990 FNL |
| | 30025112840000 | FAE II Operating LLC | JACK B 30 1 | 3715 | OIL | [33820] JALMAT-TAN-YATES-7 RVR8 (OIL) ; [37240] LANGUE MATTX-7 RVR8-Q-GRAYBURG ; [79240] JALMAT-TAN-YATES-7 RVR8 (GAS) | 815.45 | 9/17/1947 | 10/20/1947 | 24S | 37E | 30 | 990 FEL 1650 FNL |
| | 30025351390000 | FAE II Operating LLC | JACK B 30 3 | 3700 | OIL | [33820] JALMAT-TAN-YATES-7 RVR8 (OIL) ; [37240] LANGUE MATTX-7 RVR8-Q-GRAYBURG | 821.92 | 9/8/2000 | 9/25/2000 | 24S | 37E | 30 | 660 FEL 660 FNL |
| | NUJ 245-37E 299E | FAE II Operating LLC | JACK B 30 7 | | LOC-INJ | New Injection Location | 972.49 | TBD | TBD | 24S | 37E | 30 | 2320 FNL 248 FEL |
| | 3002560600000 | YURONKA JOHN | HARRISON 1 | 3680 | PLUGOIL | PLUGGED | 1083.98 | 8/21/1978 | 10/26/1978 | 24S | 37E | 29 | 660 FNL 1980 FNL |
| | 30025112820000 | APACHE CORPORATION | W H HARRISON A W N COM #2 | 3650 | GAS | [79240] JALMAT-TAN-YATES-7 RVR8 (GAS) | 1126.75 | 1/3/1937 | 3/17/1937 | 24S | 37E | 29 | 660 FNL 660 FNL |
| | NUJ 245-37E 300A | FAE II Operating LLC | JACK B 30 5 | | LOC-INJ | New Injection Location | 1208.01 | TBD | TBD | 24S | 37E | 30 | 1030 FNL 1416 FEL |
| | 3002561000000 | FAE II Operating LLC | JACK B 30 8 | | LOC-INJ | New Injection Location | 1602.63 | TBD | TBD | 24S | 37E | 30 | 2523 FNL 1340 FEL |
| | 3002526100000 | FAE II Operating LLC | GULF EDDIE CORRIGAN 2 | 3734 | GAS | [37240] LANGUE MATTX-7 RVR8-Q-GRAYBURG | 1629.63 | 10/8/1978 | 10/29/1978 | 24S | 37E | 30 | 330 FEL 2310 FSL |
| | NUJ 245-37E 20VN | FAE II Operating LLC | KIMMY 5 | | LOC-INJ | New Injection Location | 1788.19 | TBD | TBD | 24S | 37E | 29 | 201 FNL 1120 FNL |
| | 30025258710000 | FAE II Operating LLC | JACK B 30 2 | 3715 | OIL | [37240] LANGUE MATTX-7 RVR8-Q-GRAYBURG ; [79240] JALMAT-TAN-YATES-7 RVR8 (GAS) | 1817.98 | 3/8/1978 | 7/1/1978 | 24S | 37E | 30 | 1725 FEL 330 FNL |
| | 30025256300000 | FAE II Operating LLC | ADELE SOWELL 1 | 3700 | GAS | [37240] LANGUE MATTX-7 RVR8-Q-GRAYBURG | 1854.23 | 8/27/1977 | 9/23/1977 | 24S | 37E | 19 | 990 FEL 330 FSL |
| | 3002562430000 | FAE II Operating LLC | KIMMY K #1 | 3680 | GAS | [37240] LANGUE MATTX-7 RVR8-Q-GRAYBURG | 1910.72 | 2/28/1979 | 3/21/1979 | 24S | 37E | 29 | 1650 FNL 990 FSL |
| | 30025112830000 | GULF OIL CORPORATION | WOOLWORTH 1 | 3803 | PLUGGAS | PLUGGED | 2004.46 | 3/27/1937 | 5/23/1937 | 24S | 37E | 30 | 660 FEL 1980 FSL |
| | 3002564900000 | FAE II Operating LLC | KIMMY K #002 | 3660 | SWD | [37240] LANGUE MATTX-7 RVR8-Q-GRAYBURG ; [96121] SWD/SAN ANDRES ; [96132] SWD/SEVEN RIVERS-OLJEEN | 2104.14 | 10/4/1979 | 12/10/1979 | 24S | 37E | 29 | 1650 FNL 2310 FSL |
| | 30025112830000 | APACHE CORPORATION | W N H HARRISON D W N COM #1 | 3699 | PLUGGAS | PLUGGED | 2147.4 | 6/23/1937 | 8/27/1937 | 24S | 37E | 29 | 660 FNL 1980 FNL |
| | 30025254910000 | FAE II Operating LLC | FLUOR HARRISON #1 | 3700 | GAS | [79240] JALMAT-TAN-YATES-7 RVR8 (GAS) | 2202.82 | 4/11/1977 | 5/4/1977 | 24S | 37E | 20 | 660 FNL 660 FSL |
| | 30025256430000 | FAE II Operating LLC | KIMMY #3 | 3670 | OIL | [37240] LANGUE MATTX-7 RVR8-Q-GRAYBURG | 2352.6 | 8/23/1979 | 10/27/1979 | 24S | 37E | 29 | 330 FNL 1650 FSL |
| | 3002560300000 | FAE II Operating LLC | HENRY HARRISON #1 | 3816 | GAS | [37240] LANGUE MATTX-7 RVR8-Q-GRAYBURG | 2519.98 | 8/31/1978 | 9/26/1978 | 24S | 37E | 20 | 1650 FNL 330 FSL |
| | 30025287980000 | FAE II Operating LLC | C D WOOLWORTH #7 | 3750 | OIL | [33820] JALMAT-TAN-YATES-7 RVR8 (OIL) ; [37240] LANGUE MATTX-7 RVR8-Q-GRAYBURG | 2624.91 | 7/31/1984 | 10/1/1984 | 24S | 37E | 30 | 1980 FEL 1980 FSL |

Exhibit B11

JACK B 30 #7

| 1/2 Mile Radius | | | | | | | | | | | | |
|-------------------------|--------------------------------|---------------------------|-------------|----------------|--|----------------------------------|------------------|-------------------|------------|------------|-----------|--------------------------|
| UW/LAPI | OPERATOR | WELL LABEL | TD | WELL TYPE | CURRENT ZONE | Distance from JACK B 30 7 (Feet) | SPUD DATE | COMP DATE | TOWNSHIP | RANGE | SECTION | FOOTAGE |
| NIU 245-37E 299E | FAE II Operating LLC | JACK B 30 7 | | LOC-INI | New Injection Location | 0 | TBD | TBD | 24S | 37E | 30 | 2320 FNL 248 FEL |
| 30025261000000 | FAE II Operating LLC | GULF EDDIE CORRIGAN 2 | 3724 | GAS | [37240] LANGUE MA TTIX-7 RVR5-Q-GRAYBURG | 662.06 | 10/8/1978 | 10/29/1978 | 24S | 37E | 30 | 330 FEL 2310 FSL |
| 30025260600000 | YKRONKA JOHN | HARRISON 1 | 3680 | PLUGOIL | PLUGGED | 951.4 | 8/21/1978 | 10/26/1978 | 24S | 37E | 29 | 660 FNL 1980 FNL |
| NIU 245-37E 290D | FAE II Operating LLC | JACK B 30 6 | | LOC-INI | New Injection Location | 972.49 | TBD | TBD | 24S | 37E | 30 | 1348 FNL 250 FEL |
| 30025112840000 | FAE II Operating LLC | JACK B-30 1 | 3715 | OIL | [33820] JALMWT J-TAN-VATES-7 RVR5 (OIL) ; [37240] LANGUE MA TTIX-7 RVR5-Q-GRAYBURG ; [79240] JALMWT J-TAN-VATES-7 RVR5 (GAS) | 1023.84 | 9/17/1947 | 10/20/1947 | 24S | 37E | 30 | 990 FEL 1650 FNL |
| 30025112850000 | GULF OIL CORPORATION | WOOLWORTH 1 | 3803 | PLUGGAS | PLUGGED | 1076.29 | 3/27/1937 | 5/23/1937 | 24S | 37E | 30 | 660 FEL 1980 FSL |
| NIU 245-37E 30PH | FAE II Operating LLC | JACK B 30 8 | | LOC-INI | New Injection Location | 1110.1 | TBD | TBD | 24S | 37E | 30 | 2523 FNL 1340 FEL |
| 30025112830000 | APACHE CORPORATION | WMH HARRISON D WVN COM #1 | 3699 | PLUGGAS | PLUGGED | 1323.48 | 6/23/1937 | 8/27/1937 | 24S | 37E | 29 | 660 FNL 1980 FSL |
| 30025264370000 | FAE II Operating LLC | KIMMY #3 | 3670 | OIL | [37240] LANGUE MA TTIX-7 RVR5-Q-GRAYBURG | 1425.8 | 8/29/1979 | 10/27/1979 | 24S | 37E | 29 | 330 FNL 1650 FSL |
| 30025262390000 | ATLANTIC RICHFIELD COMPANY THE | HARRISON 2 | 3682 | PLUGOIL | PLUGGED | 1452.87 | 2/17/1979 | 4/26/1979 | 24S | 37E | 29 | 330 FNL 990 FNL |
| 30025351390000 | FAE II Operating LLC | JACK B 30 3 | 3700 | OIL | [33820] JALMWT J-TAN-VATES-7 RVR5 (OIL) ; [37240] LANGUE MA TTIX-7 RVR5-Q-GRAYBURG | 1726.77 | 9/8/2000 | 9/25/2000 | 24S | 37E | 30 | 660 FEL 660 FNL |
| NIU 245-37E 300A | FAE II Operating LLC | JACK B 30 5 | | LOC-INI | New Injection Location | 1740.07 | TBD | TBD | 24S | 37E | 30 | 1030 FNL 1416 FEL |
| NIU 245-37E 301I | FAE II Operating LLC | C D WOOLWORTH #12 | | LOC-INI | New Injection Location | 1774.03 | TBD | TBD | 24S | 37E | 30 | 1461 FSL 1210 FEL |
| 30025264900000 | FAE II Operating LLC | KIMMY K #002 | 3660 | SWD | [37240] LANGUE MA TTIX-7 RVR5-Q-GRAYBURG ; [96121] SWD:SAN ANDRES ; [96132] SWD:SEVEN RIVERS-QUEEN | 1874.9 | 10/4/1979 | 12/10/1979 | 24S | 37E | 29 | 1650 FNL 2310 FNL |
| 0025112820000 | APACHE CORPORATION | W H HARRISON A WVN COM #2 | 3650 | GAS | [79240] JALMWT J-TAN-VATES-7 RVR5 (GAS) | 1889.02 | 1/3/1937 | 3/17/1937 | 24S | 37E | 29 | 660 FNL 660 FNL |
| 0025260680000 | FAE II Operating LLC | GULF EDDIE CORRIGAN 1 | 3750 | GAS | [37240] LANGUE MA TTIX-7 RVR5-Q-GRAYBURG | 1977.42 | 9/29/1978 | 10/27/1978 | 24S | 37E | 30 | 330 FEL 990 FS |
| 0025263890000 | FAE II Operating LLC | C D WOOLWORTH #7 | 3750 | OIL | [33820] JALMWT J-TAN-VATES-7 RVR5 (OIL) ; [37240] LANGUE MA TTIX-7 RVR5-Q-GRAYBURG | 2009.51 | 7/31/1984 | 10/1/1984 | 24S | 37E | 30 | 1980 FEL 1980 F |
| 0025263830000 | FAE II Operating LLC | KIMMY #4 | 3653 | OIL | [37240] LANGUE MA TTIX-7 RVR5-Q-GRAYBURG | 2255.11 | 1/24/1980 | 2/2/1980 | 24S | 37E | 29 | 660 FNL 990 FS |
| 0025262430000 | FAE II Operating LLC | KIMMY K #1 | 3680 | GAS | [37240] LANGUE MA TTIX-7 RVR5-Q-GRAYBURG | 2303.77 | 2/28/1979 | 3/21/1979 | 24S | 37E | 29 | 1650 FNL 990 FSL |
| 00252735670000 | APACHE CORPORATION | WMH HARRISON D WVN COM #7 | 3756 | GAS | [79240] JALMWT J-TAN-VATES-7 RVR5 (GAS) | 2412.9 | 4/23/1981 | 8/9/1981 | 24S | 37E | 29 | 1980 FNL 1980 F |
| U 245-37E 29KK | FAE II Operating LLC | KIMMY 6 | | LOC-INI | New Injection Location | 2420.73 | TBD | TBD | 24S | 37E | 29 | 1085 FSL 1299 FEL |
| 00252585710000 | FAE II Operating LLC | JACK B 30 2 | 3715 | OIL | [37240] LANGUE MA TTIX-7 RVR5-Q-GRAYBURG ; [79240] JALMWT J-TAN-VATES-7 RVR5 (GAS) | 2500.82 | 3/8/1978 | 7/1/1978 | 24S | 37E | 30 | 1725 FEL 330 FNL |
| U 245-37E 20NN | FAE II Operating LLC | KIMMY 5 | | LOC-INI | New Injection Location | 2524.54 | TBD | TBD | 24S | 37E | 29 | 201 FNL 1120 FSL |
| 0025112860000 | GULF OIL CORPORATION | WOOLWORTH 2 | 3657 | PLUGGAS | PLUGGED | 2635.15 | 1/1/1940 | 4/10/1940 | 24S | 37E | 30 | 330 FEL 330 FSL |

Exhibit B12

JACK B 30 #8

| 1/2 Mile Radius | OPERATOR | WELL LABEL | TD | WELL TYPE | CURRENT ZONE | Distance from JACK B 30.8 (Feet) | SPUD DATE | COMP DATE | TOWNSHIP | RANGE | SECTION | FOOTAGE |
|------------------|--------------------------------|-------------------------|------|-----------|---|----------------------------------|-----------|------------|----------|-------|---------|-------------------|
| NIU 245-37E-30HH | FAE II Operating LLC | JACK B 30.8 | | LOC-NU | New Injection Location | 0 | TBD | TBD | 24S | 37E | 30 | 2523 FNL 1340 FEL |
| 30025112840000 | FAE II Operating LLC | JACK B-30.1 | 3715 | OIL | [33820] JALMATAJAN-VATES-7 RVRIS (OIL) ; [37240] LANGUE MATTX-7 RVRIS-Q-GRAYBURG ; [79240] JALMATAJAN-VATES-7 RVRIS (GAS) | 943.38 | 9/17/1947 | 10/20/1947 | 24S | 37E | 30 | 990 FEL 1650 FNL |
| 30025112850000 | GULF OIL CORPORATION | WOOLWORTH 1 | 3803 | PLUGGAS | PLUGGED | 1021.38 | 3/27/1937 | 5/23/1937 | 24S | 37E | 30 | 660 FEL 1980 FSL |
| 30025287980000 | FAE II Operating LLC | C D WOOLWORTH #7 | 3750 | OIL | [33820] JALMATAJAN-VATES-7 RVRIS (OIL) ; [37240] LANGUE MATTX-7 RVRIS-Q-GRAYBURG | 1022.91 | 7/31/1984 | 10/1/1984 | 24S | 37E | 30 | 1980 FEL 1980 FSL |
| 30025261000000 | FAE II Operating LLC | GULF EDDIE CORRIGAN 2 | 3734 | GAS | [37240] LANGUE MATTX-7 RVRIS-Q-GRAYBURG | 1086.59 | 10/8/1978 | 10/29/1978 | 24S | 37E | 30 | 330 FEL 2310 FSL |
| NIU 245-37E-29HE | FAE II Operating LLC | JACK B 30.7 | | LOC-NU | New Injection Location | 1110.1 | TBD | TBD | 24S | 37E | 30 | 2320 FNL 248 FEL |
| NIU 245-37E-30II | FAE II Operating LLC | C D WOOLWORTH #12 | | LOC-NU | New Injection Location | 1294.98 | TBD | TBD | 24S | 37E | 30 | 1461 FSL 1210 FEL |
| NIU 245-37E-300A | FAE II Operating LLC | JACK B 30.5 | | LOC-NU | New Injection Location | 1495.2 | TBD | TBD | 24S | 37E | 30 | 1030 FNL 1416 FEL |
| NIU 245-37E-29DD | FAE II Operating LLC | JACK B 30.6 | | LOC-NU | New Injection Location | 1602.63 | TBD | TBD | 24S | 37E | 30 | 1348 FNL 250 FEL |
| 30025338810000 | FAE II Operating LLC | C D WOOLWORTH #10 | 3750 | OIL | [33820] JALMATAJAN-VATES-7 RVRIS (OIL) ; [37240] LANGUE MATTX-7 RVRIS-Q-GRAYBURG | 1888.14 | 3/29/1997 | 5/29/1997 | 24S | 37E | 30 | 2630 FEL 1400 FSL |
| 30025351390000 | FAE II Operating LLC | JACK B 30.3 | 3700 | OIL | [33820] JALMATAJAN-VATES-7 RVRIS (OIL) ; [37240] LANGUE MATTX-7 RVRIS-Q-GRAYBURG | 1985.61 | 9/8/2000 | 9/25/2000 | 24S | 37E | 30 | 660 FEL 660 FNL |
| 30025264670000 | FAE II Operating LLC | KIMMY #3 | 3670 | OIL | [37240] LANGUE MATTX-7 RVRIS-Q-GRAYBURG | 1986.23 | 8/23/1979 | 10/27/1979 | 24S | 37E | 29 | 330 FNL 1650 FSL |
| 30025260860000 | FAE II Operating LLC | GULF EDDIE CORRIGAN 1 | 3750 | GAS | [37240] LANGUE MATTX-7 RVRIS-Q-GRAYBURG | 2028.32 | 9/29/1978 | 10/27/1978 | 24S | 37E | 30 | 330 FEL 990 FS |
| 30025260600000 | YURONKA JOHN | HARRISON 1 | 3680 | PLUGOIL | PLUGGED | 2052.06 | 8/21/1978 | 10/26/1978 | 24S | 37E | 29 | 660 FNL 1980 FSL |
| 30025112890000 | LEGACY RESERVES OPERATING, LP | COOPER JAL UNIT #232 | 3130 | OIL | [33820] JALMATAJAN-VATES-7 RVRIS (OIL) | 2061.32 | 9/11/1949 | 10/12/1949 | 24S | 37E | 30 | 1917 FNL 1980 FSL |
| 30025112870000 | GULF OIL CORPORATION | CD WOOLWORTH 3 | 3800 | PLUGGAS | PLUGGED | 2078.15 | 5/9/1949 | 6/12/1949 | 24S | 37E | 30 | 1980 FNL 1980 FSL |
| 30025328620000 | FAE II Operating LLC | C D WOOLWORTH #8 | 3300 | OIL | [33820] JALMATAJAN-VATES-7 RVRIS (OIL) | 2097.83 | 4/24/1995 | 7/14/1995 | 24S | 37E | 30 | 1980 FNL 1930 FSL |
| 30025112830000 | APACHE CORPORATION | WMH HARRISON D WN COM#1 | 3699 | PLUGGAS | PLUGGED | 2126.34 | 6/23/1937 | 8/27/1937 | 24S | 37E | 29 | 660 FNL 1980 FSL |
| 30025287310000 | FAE II Operating LLC | C D WOOLWORTH #6 | 3750 | OIL | [33820] JALMATAJAN-VATES-7 RVRIS (OIL) ; [37240] LANGUE MATTX-7 RVRIS-Q-GRAYBURG ; [79240] JALMATAJAN-VATES-7 RVRIS (GAS) | 2203.23 | 5/31/1984 | 10/10/1984 | 24S | 37E | 30 | 1980 FEL 660 FS |
| 30025288710000 | FAE II Operating LLC | JACK B 30.2 | 3715 | OIL | [37240] LANGUE MATTX-7 RVRIS-Q-GRAYBURG ; [79240] JALMATAJAN-VATES-7 RVRIS (GAS) | 2240.33 | 3/8/1978 | 7/1/1978 | 24S | 37E | 30 | 1725 FEL 330 FNL |
| 30025262390000 | ATLANTIC RICHFIELD COMPANY THE | HARRISON 2 | 3682 | PLUGOIL | PLUGGED | 2258.09 | 2/17/1979 | 4/26/1979 | 24S | 37E | 29 | 330 FNL 990 FSL |
| 30025112860000 | GULF OIL CORPORATION | WOOLWORTH 2 | 3657 | PLUGGAS | PLUGGED | 2624.15 | 1/1/1940 | 4/10/1940 | 24S | 37E | 30 | 330 FEL 330 FS |

Exhibit B13

C D WOOLWORTH #12

| UWI/API | OPERATOR | WELL LABEL | ID | WELL TYPE | CURRENT ZONE | Distance from C D WOOLWORTH #12 (feet) | SPUD DATE | COMP DATE | TOWNSHIP | RANGE | SECTION | FOOTAGE |
|------------------|---|----------------------------|------|-----------|--|--|-----------|------------|----------|-------|---------|-------------------|
| NJU 245-37E-30I | FAE II Operating LLC | C D WOOLWORTH #12 | | LDC-INJ | New Injection Location | 0 | TBD | TBD | 245 | 37E | 30 | 1461 FSL 1210 FSL |
| 3002512850000 | GLUE OIL CORPORATION | WOOLWORTH 1 | 3803 | PUGGAS | PLUGGED | 730.65 | 3/27/1987 | 5/23/1987 | 245 | 37E | 30 | 660 FEL 1980 FSL |
| 30025287980000 | FAE II Operating LLC | C D WOOLWORTH #7 | 3750 | OIL | [33820] JALMAT; TAN-VATES-7 RVRS (OIL); [37240] LANGUE MATTX;7 RVRS-Q-GRAVBURG | 940.29 | 7/31/1984 | 10/1/1984 | 245 | 37E | 30 | 1980 FEL 1980 FSL |
| 30025287980000 | FAE II Operating LLC | C D WOOLWORTH #6 | 3750 | OIL | [37240] LANGUE MATTX;7 RVRS-Q-GRAVBURG | 988.78 | 9/29/1978 | 10/27/1978 | 245 | 37E | 30 | 330 FEL 990 FSL |
| 30025287980000 | FAE II Operating LLC | C D WOOLWORTH #6 | 3750 | OIL | [33820] JALMAT; TAN-VATES-7 RVRS (OIL); [37240] LANGUE MATTX;7 RVRS-Q-GRAVBURG | 1135.47 | 5/31/1984 | 10/10/1984 | 245 | 37E | 30 | 1980 FEL 660 FSL |
| 30025251000000 | FAE II Operating LLC | GULF EDDIE CORRIGAN 2 | 3734 | GAS | [37240] LANGUE MATTX;7 RVRS-Q-GRAVBURG | 1198.81 | 10/8/1978 | 10/29/1978 | 245 | 37E | 30 | 330 FEL 2310 FSL |
| NJU 245-37E-30HH | FAE II Operating LLC | JACK B 30 8 | | LDC-INJ | New Injection Location | 1294.98 | TBD | TBD | 245 | 37E | 30 | 2523 FSL 1340 FSL |
| 30025112860000 | GLUE OIL CORPORATION | WOOLWORTH 2 | 3657 | PUGGAS | PLUGGED | 1429.14 | 1/1/1940 | 4/10/1940 | 245 | 37E | 30 | 330 FEL 330 FSL |
| 30025338810000 | FAE II Operating LLC | C D WOOLWORTH #10 | 3750 | OIL | [33820] JALMAT; TAN-VATES-7 RVRS (OIL); [37240] LANGUE MATTX;7 RVRS-Q-GRAVBURG | 1443.48 | 3/29/1997 | 5/29/1997 | 245 | 37E | 30 | 2650 FEL 1400 FSL |
| 30025264370000 | FAE II Operating LLC | KIMMY #3 | 3670 | OIL | [37240] LANGUE MATTX;7 RVRS-Q-GRAVBURG | 1526.88 | 8/23/1979 | 10/27/1979 | 245 | 37E | 29 | 330 FSL 1650 FSL |
| NJU 245-37E-29EE | FAE II Operating LLC | JACK B 30 7 | | LDC-INJ | New Injection Location | 1774.03 | TBD | TBD | 245 | 37E | 30 | 2320 FSL 248 FSL |
| 37025112830000 | APACHE CORPORATION | WM H HARRISON D W N COM #1 | 3699 | PUGGAS | PLUGGED | 1916.62 | 6/23/1987 | 8/27/1987 | 245 | 37E | 29 | 660 FSL 1980 FSL |
| 0025266380000 | FAE II Operating LLC | KIMMY #4 | 3653 | OIL | [37240] LANGUE MATTX;7 RVRS-Q-GRAVBURG | 1936.56 | 1/24/1980 | 2/12/1980 | 245 | 37E | 29 | 660 FSL 890 FSL |
| 0025266380000 | FAE II Operating LLC | C D WOOLWORTH #8 | 3800 | OIL | [33820] JALMAT; TAN-VATES-7 RVRS (OIL) | 2107.35 | 4/24/1995 | 7/14/1995 | 245 | 37E | 30 | 1980 FSL 1930 FSL |
| 0025112870000 | GLUE OIL CORPORATION | CD WOOLWORTH 3 | 3300 | PUGGAS | PLUGGED | 2118.96 | 5/9/1949 | 6/12/1949 | 245 | 37E | 30 | 1980 FSL 1980 FSL |
| 00251128940000 | FAE II Operating LLC | JACK B 30 1 | 3715 | OIL | [33820] JALMAT; TAN-VATES-7 RVRS (OIL); [37240] LANGUE MATTX;7 RVRS-Q-GRAVBURG; [79240] JALMAT; TAN-VATES-7 RVRS (GAS) | 2181.98 | 9/17/1947 | 10/20/1947 | 245 | 37E | 30 | 990 FEL 1650 FSL |
| 0025328630000 | OXY USA INC | C D WOOLWORTH #9 | 3800 | PUGOIL | PLUGGED | 2215.4 | 4/30/1995 | 6/21/1995 | 245 | 37E | 30 | 1980 FSL 660 FSL |
| 0025248370000 | LEGACY RESERVICES OPERATING, LP | LANGUE FAL UNIT #002 | 3850 | PUGOIL | PLUGGED | 2518.07 | 9/7/1974 | 10/5/1974 | 245 | 37E | 31 | 660 FEL 990 FSL |
| NJU 245-37E-29KK | FAE II Operating LLC | KIMMY 6 | | LDC-INJ | New Injection Location | 2536.29 | TBD | TBD | 245 | 37E | 29 | 1085 FSL 1299 FSL |
| 002513040000 | LEGACY RESERVICES OPERATING, LP | LANGUE FAL UNIT #001 | 3548 | PUGOIL | PLUGGED | 2584.17 | 7/19/1987 | 9/11/1987 | 245 | 37E | 31 | 1977 FEL 990 FSL |
| 002526030000 | VURONKA JOHN | HARRISON 1 | 3680 | PUGOIL | PLUGGED | 2606.67 | 8/21/1978 | 10/26/1978 | 245 | 37E | 29 | 660 FSL 1980 FSL |
| 0025112940000 | Petroleum Exploration Company Ltd., Umi | MARTIN A #02 | 3545 | GAS | [79240] JALMAT; TAN-VATES-7 RVRS (GAS) | 2607.82 | 8/11/1999 | 10/16/1999 | 245 | 37E | 31 | 330 FEL 990 FSL |

Exhibit B14

C D WOOLWORTH #13

| 1/2 Mile Radius | OPERATOR | WELL LABEL | ID | WELL TYPE | CURRENT ZONE | Distance from C D WOOLWORTH #13 (feet) | SPUD DATE | COMP DATE | TOWNSHIP | RANGE | SECTION | FOOTAGE |
|-------------------------|-------------------------------|-------------------------|-------------|----------------|---|--|------------------|------------------|------------|------------|-----------|--------------------------|
| | FAE II Operating LLC | CD WOOLWORTH #13 | | LOC-INI | New Injection Location | 0 | TBD | TBD | 24S | 37E | 30 | 1323 FSL 1212 FWL |
| NUJ 24S-37E_30KK | FAE II Operating LLC | CD WOOLWORTH #13 | | LOC-INI | New Injection Location | 0 | TBD | TBD | 24S | 37E | 30 | 1330 FWL 1185 FSL |
| 30025338820000 | OXY USA INC | C D WOOLWORTH #11 | 3760 | PLUGOIL | [33820] JALMAT,TAN-VATES-7 RVRs (OIL) ; [37240] LANGLE MATTX;7 RVRs-Q-GRAVBURG | 145.84 | 4/14/1997 | 5/22/1997 | 24S | 37E | 30 | 660 FWL 660 FSL |
| 30025257900000 | FAE II Operating LLC | C D WOOLWORTH #5 | 3750 | OIL | [33820] JALMAT,TAN-VATES-7 RVRs (OIL) ; [37240] LANGLE MATTX;7 RVRs-Q-GRAVBURG | 890.39 | 2/27/1978 | 3/21/1978 | 24S | 37E | 30 | 760 FWL 2080 FSL |
| 30025254640000 | FAE II Operating LLC | C D WOOLWORTH #4 | 3700 | OIL | [33820] JALMAT,TAN-VATES-7 RVRs (OIL) ; [37240] LANGLE MATTX;7 RVRs-Q-GRAVBURG | 913.24 | 3/22/1977 | 5/14/1977 | 24S | 37E | 30 | 1980 FWL 1980 FSL |
| 30025328620000 | FAE II Operating LLC | C D WOOLWORTH #8 | 3800 | OIL | [33820] JALMAT,TAN-VATES-7 RVRs (OIL) ; [37240] LANGLE MATTX;7 RVRs-Q-GRAVBURG | 955.94 | 4/24/1995 | 7/14/1995 | 24S | 37E | 30 | 1980 FWL 1980 FSL |
| 30025328630000 | OXY USA INC | C D WOOLWORTH #9 | 3800 | PLUGOIL | [33820] JALMAT,TAN-VATES-7 RVRs (OIL) ; [37240] LANGLE MATTX;7 RVRs-Q-GRAVBURG | 975.79 | 4/30/1995 | 6/21/1995 | 24S | 37E | 30 | 1980 FWL 660 FSL |
| 30025112870000 | GULF OIL CORPORATION | CD WOOLWORTH 3 | 3300 | PLUGGAS | PLUGGED | 989.63 | 5/9/1949 | 6/12/1949 | 24S | 37E | 30 | 1980 FWL 1980 FSL |
| NUJ 24S-37E_30NN | FAE II Operating LLC | CD WOOLWORTH #14 | | LOC-INI | New Injection Location | 1213.25 | TBD | TBD | 24S | 37E | 30 | 109 FSL 1249 FWL |
| 30025338810000 | FAE II Operating LLC | CD WOOLWORTH #10 | 3750 | OIL | [33820] JALMAT,TAN-VATES-7 RVRs (OIL) ; [37240] LANGLE MATTX;7 RVRs-Q-GRAVBURG | 1348.09 | 3/29/1997 | 5/29/1997 | 24S | 37E | 30 | 2630 FEL 1400 FSL |
| 30025096560000 | FAE II Operating LLC | VAN ZANDT 1 | 3650 | OIL | [37240] LANGLE MATTX;7 RVRs-Q-GRAVBURG | 2024.93 | 11/6/1948 | 2/1/1949 | 24S | 36E | 25 | 660 FEL 1980 FSL |
| 30025388830000 | FAE II Operating LLC | MARTIN B 4 | 3835 | TA | [37240] LANGLE MATTX;7 RVRs-Q-GRAVBURG ; [79240] JALMAT,TAN-VATES-7 RVRs (GAS) | 2054.91 | 9/2/2008 | 10/18/2008 | 24S | 37E | 31 | 660 FWL 660 FSL |
| 30025379590000 | FAE II Operating LLC | MARTIN B 3 | 3550 | GAS | [76480] EDMONTYATES-7 RVRs-QUEEN (GAS) ; [79240] JALMAT,TAN-VATES-7 RVRs (GAS) | 2078.82 | 1/3/2007 | 2/15/2007 | 24S | 37E | 31 | 1917 FWL 660 FSL |
| 30025112880000 | LEGACY RESERVES OPERATING, LP | COOPER JAL UNIT #239 | 3180 | INJECT | [33820] JALMAT,TAN-VATES-7 RVRs (OIL) ; [37240] LANGLE MATTX;7 RVRs-Q-GRAVBURG | 2081.85 | 4/13/1949 | 7/16/1949 | 24S | 37E | 30 | 660 FWL 1980 FSL |
| 30025287310000 | FAE II Operating LLC | C D WOOLWORTH #6 | 3750 | OIL | [33820] JALMAT,TAN-VATES-7 RVRs (OIL) ; [37240] LANGLE MATTX;7 RVRs-Q-GRAVBURG | 2098.61 | 5/31/1984 | 10/10/1984 | 24S | 37E | 30 | 1980 FEL 660 FSL |
| 30025287980000 | FAE II Operating LLC | C D WOOLWORTH #7 | 3750 | OIL | [33820] JALMAT,TAN-VATES-7 RVRs (OIL) ; [37240] LANGLE MATTX;7 RVRs-Q-GRAVBURG | 2103.98 | 7/31/1984 | 10/1/1984 | 24S | 37E | 30 | 1980 FEL 1980 FSL |
| 30025112890000 | LEGACY RESERVES OPERATING, LP | COOPER JAL UNIT #232 | 3130 | OIL | [33820] JALMAT,TAN-VATES-7 RVRs (OIL) ; [37240] LANGLE MATTX;7 RVRs-Q-GRAVBURG | 2105.45 | 9/11/1949 | 10/12/1949 | 24S | 37E | 30 | 1917 FWL 1980 FSL |

Exhibit B15

C D WOOLWORTH #14

| 1/2 Mile Radius | OPERATOR | WELL LABEL | ID | WELL TYPE | CURRENT ZONE | Distance from C D WOOLWORTH #14 (Feet) | SPUD DATE | COMP DATE | TOWNSHIP | RANGE | SECTION | FOOTAGE |
|-------------------------|-------------------------------|-------------------------|------|---------------|---|--|------------------|------------------|------------|------------|-----------|--------------------------|
| NUJ 245-37E-30NN | FAE II Operating LLC | CD WOOLWORTH #14 | | LOC-NU | New Injection Location | 0 | TBD | TBD | 245 | 37E | 30 | 109 FSL 1249 FWL |
| 30025257900000 | FAE II Operating LLC | C D WOOLWORTH #5 | 3750 | OIL | [33820] JALMAT:TAN-YATES-7 RVR8 (OIL) ; [37240] LANGUE MATTX;7 RVR8-Q-GRAVBURG | 843.23 | 2/27/1978 | 3/21/1978 | 245 | 37E | 30 | 660 FWL 660 FSL |
| 30025328650000 | OXY USA INC | C D WOOLWORTH #9 | 3800 | PLUGOIL | PLUGGED | 888.12 | 4/30/1995 | 6/21/1995 | 245 | 37E | 30 | 1980 FWL 660 FSL |
| 30025388830000 | FAE II Operating LLC | MARTIN B 4 | 3835 | TA | [37240] LANGUE MATTX;7 RVR8-Q-GRAVBURG ; [79240] JALMAT:TAN-YATES-7 RVR8 (GAS) | 981.93 | 9/2/2008 | 10/18/2008 | 245 | 37E | 31 | 660 FWL 660 FNL |
| 30025379590000 | FAE II Operating LLC | MARTIN B 3 | 3550 | GAS | [76480] EUMONT:YATES-7 RVR8-QUEEN (GAS) ; [79240] JALMAT:TAN-YATES-7 RVR8 (GAS) | 984.02 | 1/3/2007 | 2/15/2007 | 245 | 37E | 31 | 1917 FWL 660 FNL |
| 30025338820000 | OXY USA INC | CD WOOLWORTH #11 | 3760 | PLUGOIL | PLUGGED | 1089.16 | 4/14/1997 | 5/22/1997 | 245 | 37E | 30 | 1330 FWL 1185 FSL |
| NUJ 245-37E-30KK | FAE II Operating LLC | CD WOOLWORTH #13 | | LOC-NU | New Injection Location | 1213.25 | TBD | TBD | 245 | 37E | 30 | 1323 FSL 1212 FWL |
| 30025112950000 | FAE II Operating LLC | MARTIN B 1 | 3187 | GAS | [79240] JALMAT:TAN-YATES-7 RVR8 (GAS) | 1787.98 | 8/18/1947 | 10/10/1947 | 245 | 37E | 31 | 1650 FWL 1650 FNL |
| 30025338810000 | FAE II Operating LLC | CD WOOLWORTH #10 | | OIL | [33820] JALMAT:TAN-YATES-7 RVR8 (OIL) ; [37240] LANGUE MATTX;7 RVR8-Q-GRAVBURG | 1845.91 | 3/29/1997 | 5/29/1997 | 245 | 37E | 30 | 2630 FEL 1400 FNL |
| 30025328620000 | FAE II Operating LLC | C D WOOLWORTH #8 | 3800 | OIL | [33820] JALMAT:TAN-YATES-7 RVR8 (OIL) | 1956.95 | 4/24/1995 | 7/14/1995 | 245 | 37E | 30 | 1980 FWL 1930 FSL |
| 30025112870000 | GULF OIL CORPORATION | CD WOOLWORTH 3 | 3300 | PLUGGAS | PLUGGED | 2004.68 | 5/9/1949 | 6/12/1949 | 245 | 37E | 30 | 1980 FWL 1980 FSL |
| 30025287310000 | FAE II Operating LLC | C D WOOLWORTH #6 | 3750 | OIL | [33820] JALMAT:TAN-YATES-7 RVR8 (OIL) ; [37240] LANGUE MATTX;7 RVR8-Q-GRAVBURG | 2035.99 | 5/31/1984 | 10/10/1984 | 245 | 37E | 30 | 1980 FEL 660 FS |
| 30025254640000 | FAE II Operating LLC | C D WOOLWORTH #4 | 3700 | OIL | [33820] JALMAT:TAN-YATES-7 RVR8 (OIL) ; [37240] LANGUE MATTX;7 RVR8-Q-GRAVBURG | 2052.4 | 3/22/1977 | 5/14/1977 | 245 | 37E | 30 | 760 FWL 2080 FSL |
| 30025097090000 | FAE II Operating LLC | MCKINNEY #01 | 3500 | SWD | [96131] SWD;SEVEN RIVERS-QUEEN [96132] SWD;SEVEN RIVERS-QUEEN | 2088.06 | 11/6/1948 | 3/31/1949 | 245 | 36E | 36 | 660 FEL 660 FNL |
| 30025338650000 | LEGACY RESERVES OPERATING, LP | LANGUE JAL UNIT #013 | 3600 | PLUGINU | PLUGGED | 2191.85 | 9/25/1971 | 4/10/1972 | 245 | 37E | 31 | 1980 FWL 1980 FSL |
| 30025112040000 | LEGACY RESERVES OPERATING, LP | LANGUE JAL UNIT #001 | 3548 | PLUGINU | PLUGGED | 2244.32 | 7/19/1957 | 9/11/1957 | 245 | 37E | 31 | 1977 FEL 1990 FNL |
| 30025112960000 | BXP Operating, LLC | LANGUE JAL UNIT #14 | 3517 | OIL | [37240] LANGUE MATTX;7 RVR8-Q-GRAVBURG | 2587.84 | 6/10/1949 | 7/25/1949 | 245 | 37E | 31 | 330 FWL 2310 FNL |

Part VI. Continued

Plugged Wellbore Diagrams

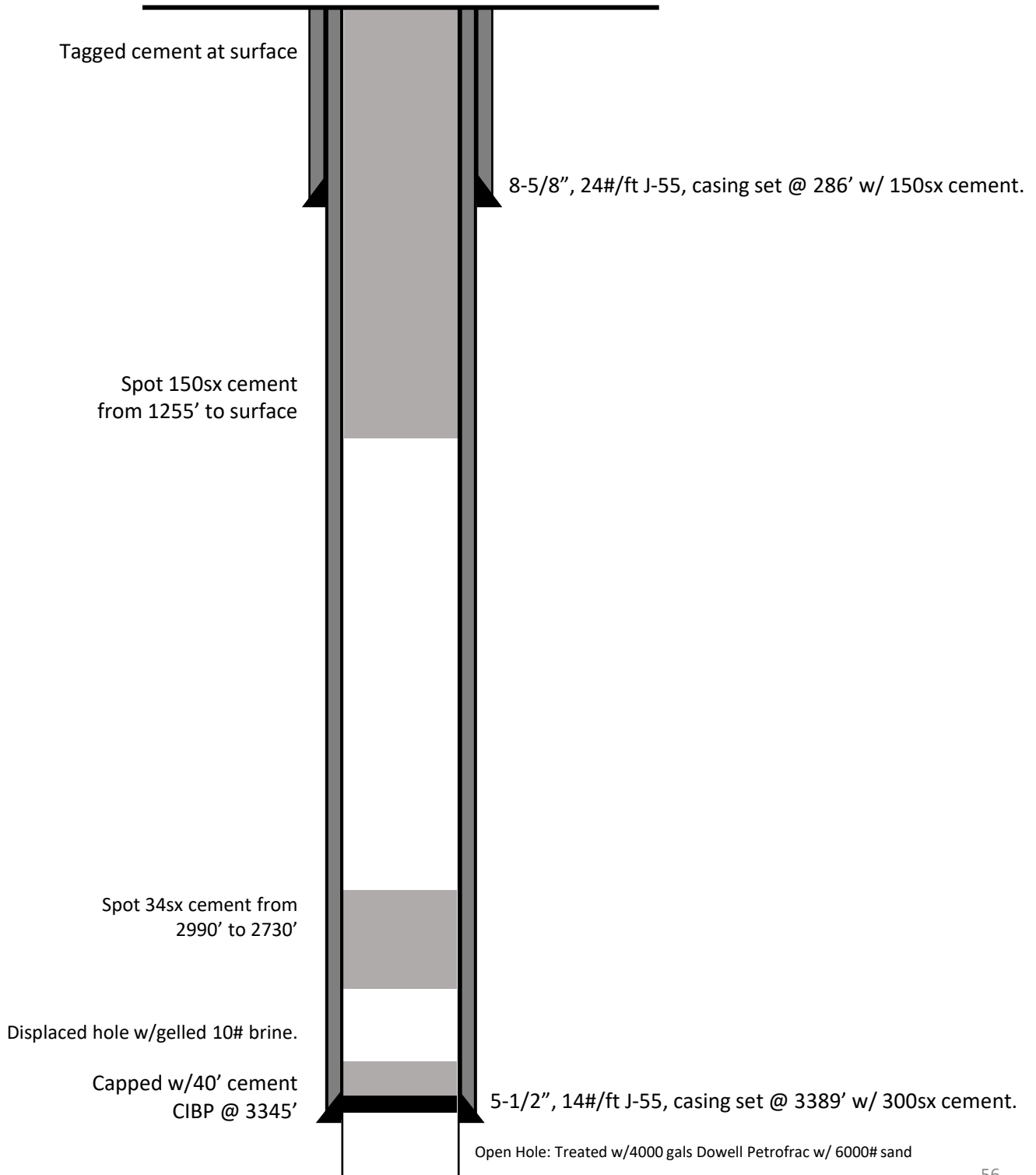
COOPER JAL UNIT #144

VI. Exhibit C1

API# 30-025-09663

990 FEL 2310 FNL,

Sec 25, T24S, R37E Lea Co., NM

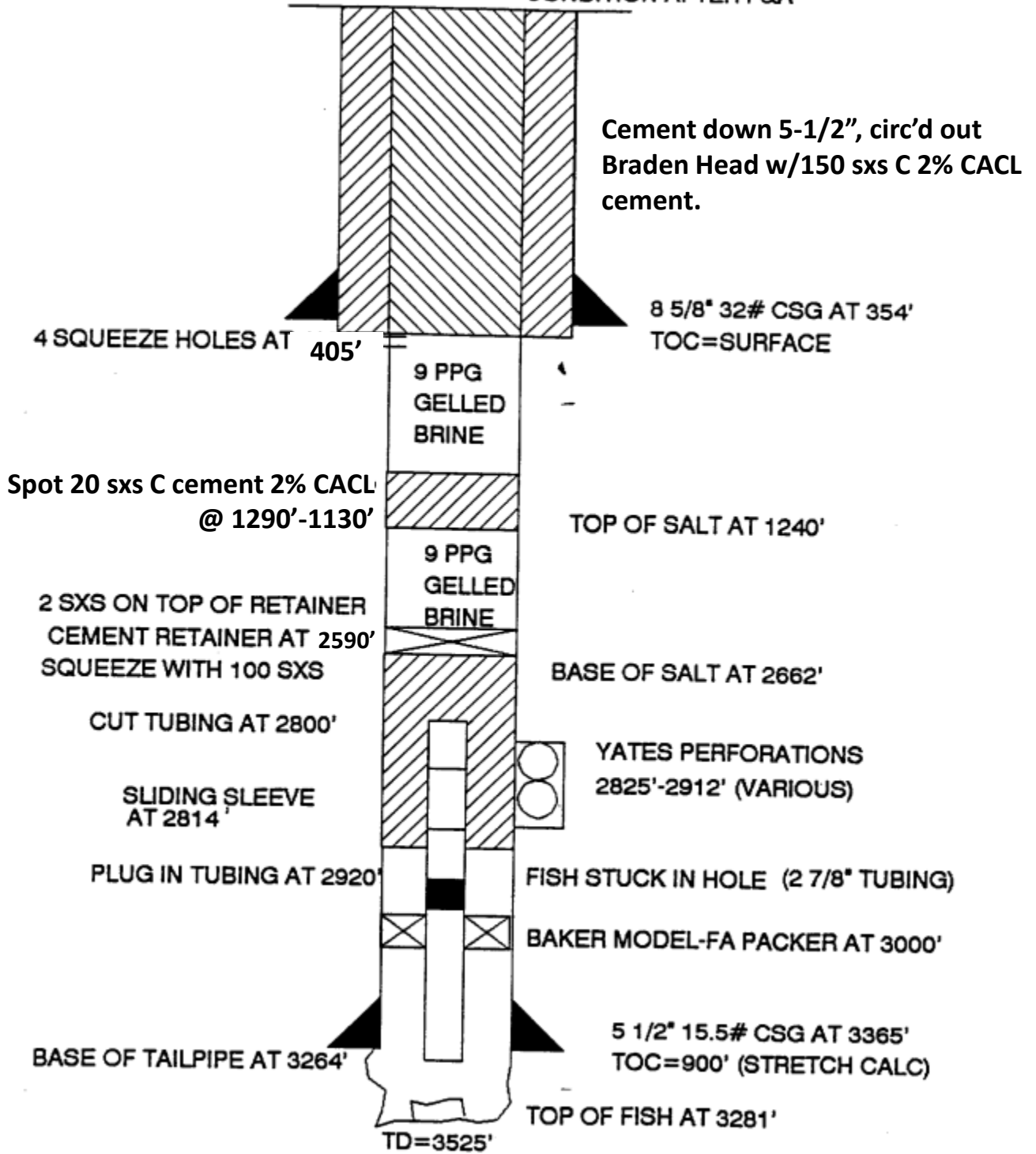


LANGLIE A STATE #2Y

VI. Exhibit C2

API# 30-025-09714
735 FEL 1980 FNL,
Sec 36, T24S, R36E Lea Co., NM

CONDITION AFTER P&A



COOPER JAL UNIT #129

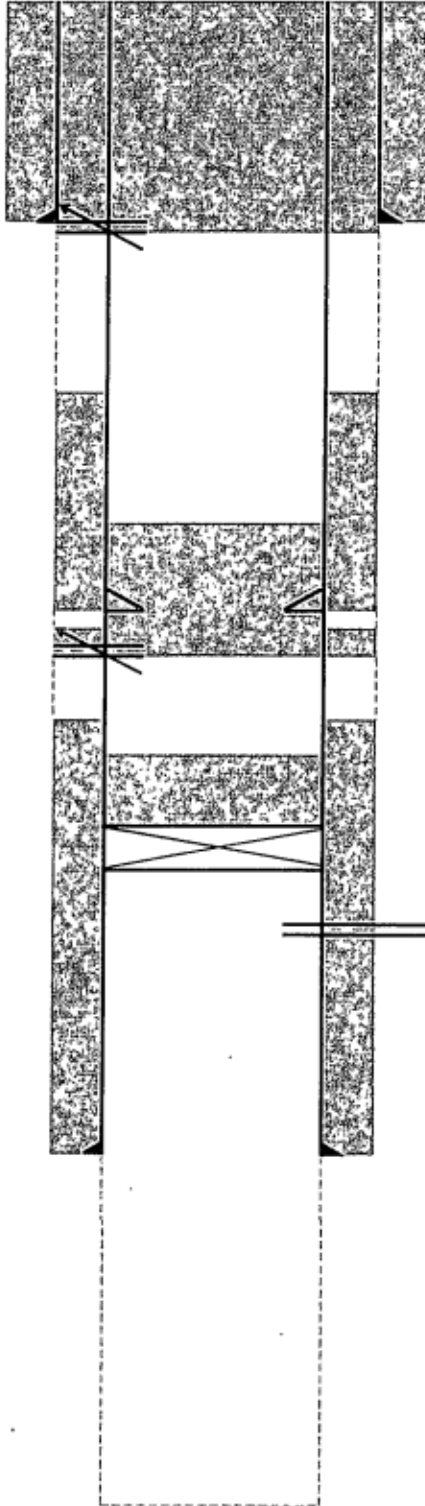
VI. Exhibit C3

API# 30-025-11152
 1583 FWL 1653 FNL,
 Sec 19, T24S, R37E Lea Co., NM

perf sqz holes @ 400'
 sqz 155 sx cmt, circulated to surface

perf sqz holes @ 1300'
 sqz 50 sx cmt
 TOC tagged inside 5 1/2" @ 1070'

CIBP @ 2975' w/ 30 sx cmt



Surface Casing

| | |
|----------------------|---------|
| Hole Size (in): | Unknown |
| Casing Size (in): | 8 5/8 |
| Casing Weight (ppf): | Unknown |
| Setting Depth (ft): | 330 |
| Amount Cement (sx): | 175 |
| Top of Cement (ft): | Unknown |
| TOC Method: | ----- |

DV Tool

| | |
|--------------------|---------|
| Depth (ft) | Unknown |
| Amount Cement (sx) | 100 |
| Top of Cement (ft) | Unknown |
| TOC Method: | ----- |

Perforations

| | |
|-------------|------|
| Top (ft). | 3018 |
| Bottom (ft) | 3215 |

Production Casing

| | |
|----------------------|---------|
| Hole Size (in): | Unknown |
| Casing Size (in): | 5 1/2 |
| Casing Weight (ppf): | Unknown |
| Setting Depth (ft) | 3386 |
| Amount Cement (sx) | 200 |
| Top of Cement (ft): | Unknown |
| TOC Method: | ----- |

Open Hole

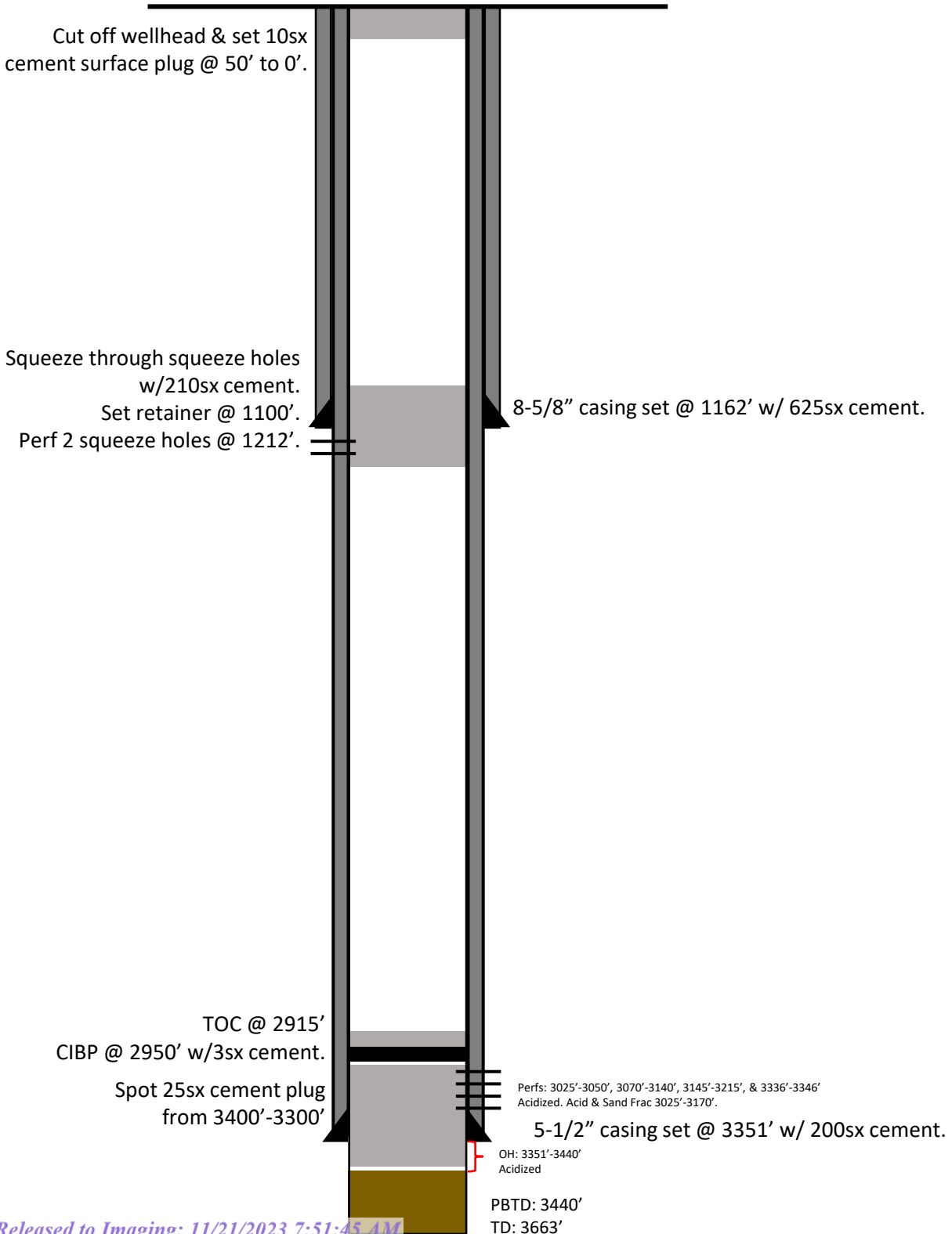
| | |
|----------------|---------|
| Hole Size (in) | Unknown |
| Top (ft) | 3386 |
| Bottom (ft): | 3670 |

Total Depth (ft) 3670

THOMAS #1

VI. Exhibit C5

API# 30-025-11163
1980 FEL 660 FSL,
Sec 19, T24S, R37E Lea Co., NM



THOMAS #2

VI. Exhibit C6

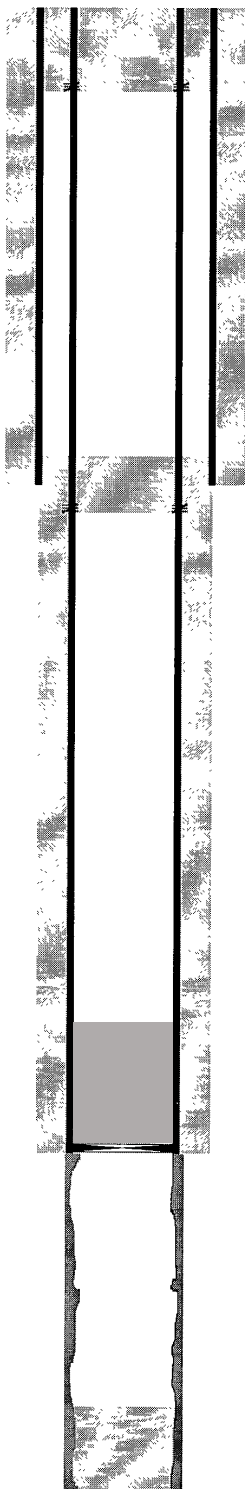
API# 30-025-11164
2210 FEL 2310 FNL,
Sec 19, T24S, R37E Lea Co., NM

API No. 30-025-11164

65sx Class C Cement circulated
from 200' to Surface.

TOC tagged @ 1079'.
25sx Class C Cement @ 1310'.

TOC @ 2580'
CIBP @ 2820' w/ 25sx



11" hole @ 1204'
8-5/8" csg @ 1204"
w/625sx-TOC-Surf-Circ

Perf @ 200'

Perf @ 1254'

7-7/8" hole @ 2870'
5-1/2" csg @ 2870'
w/250sx-TOC-1282'-Calc

4-3/4" OH 2870-3487'

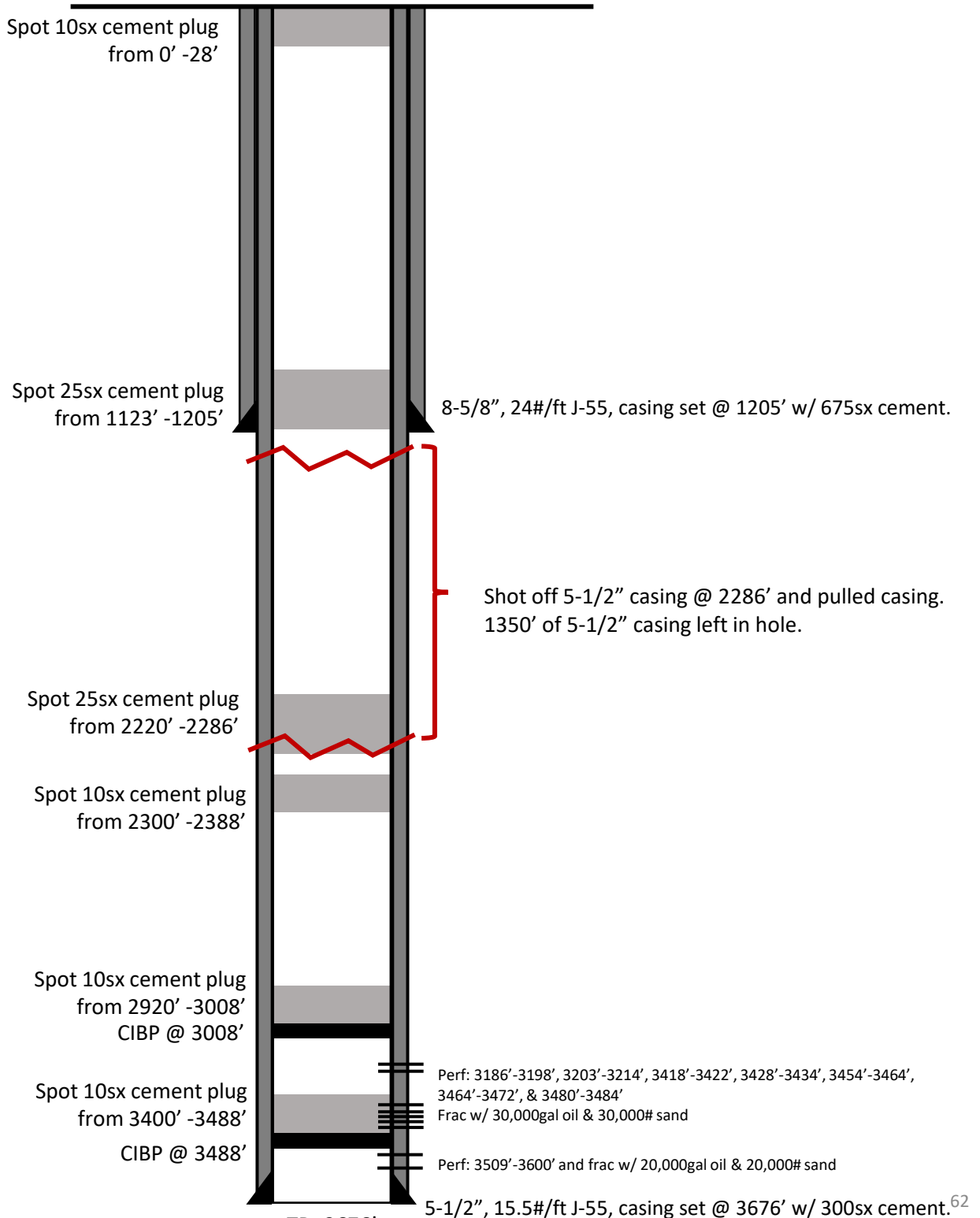
PBTD-3487'

TD-3680'

J J THOMAS #1

VI. Exhibit C7

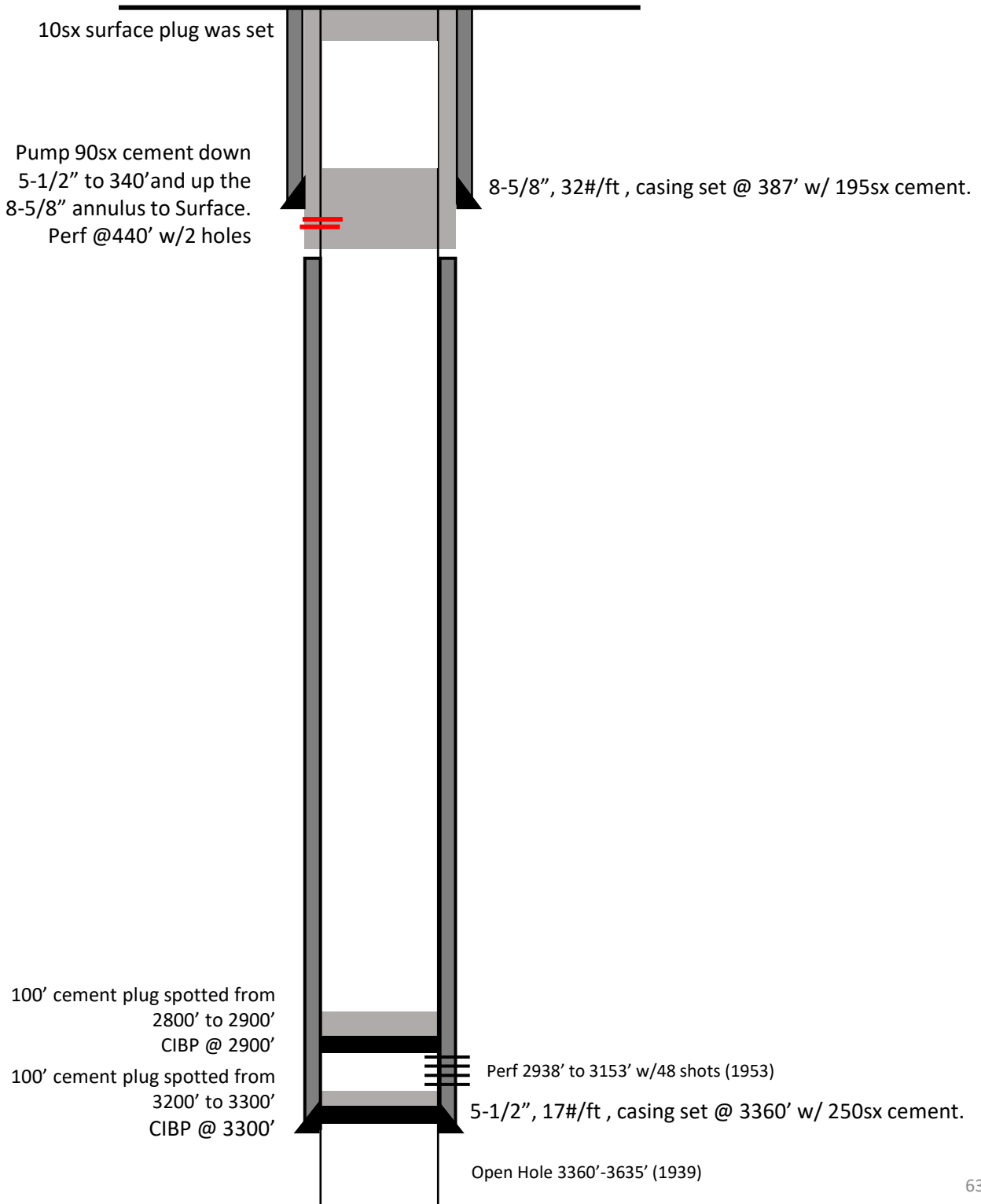
API# 30-025-11165
2173 FEL 660 FNL,
Sec 19, T24S, R37E Lea Co., NM



CALLEY A #1

VI. Exhibit C8

API# 30-025-11175
2310 FWL 660 FSL,
Sec 20, T24S, R37E Lea Co., NM



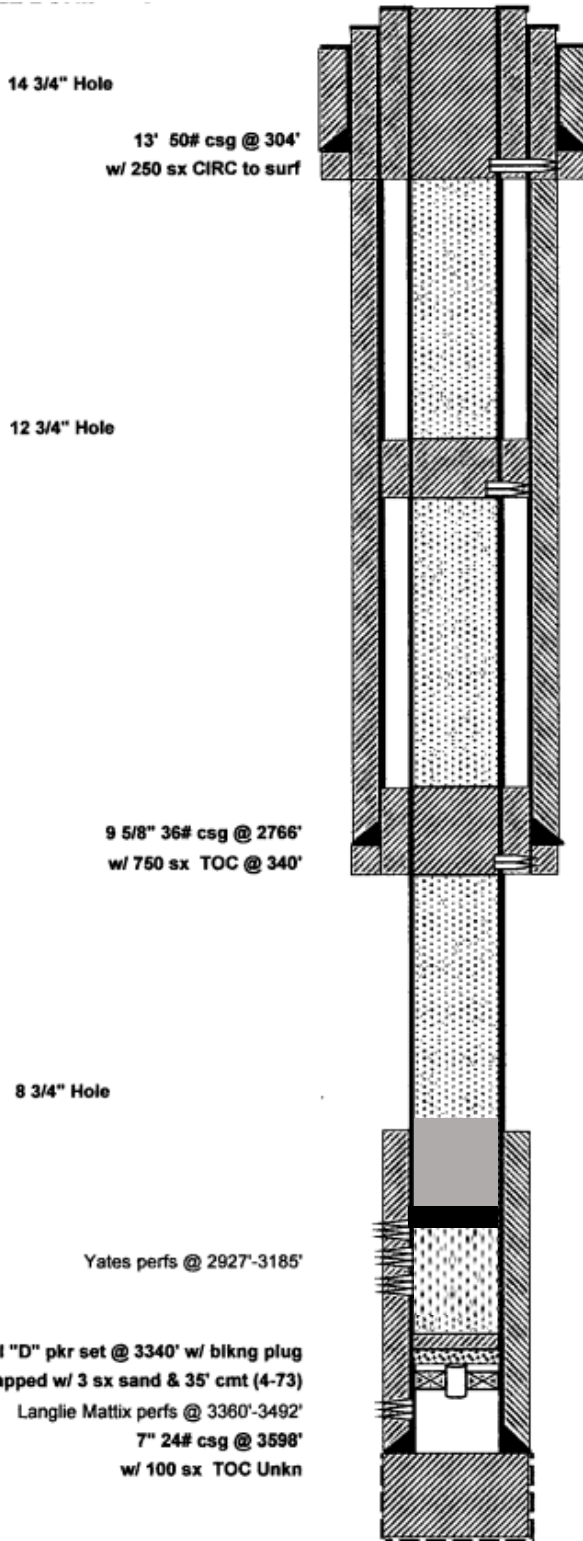
WM H HARRISON D WN COM #1

VI. Exhibit C9

API# 30-025-11283

660 FWL 1980 FSL,

Sec 29, T24S, R37E Lea Co., NM



Circulate 14 sx cement from 85' to surface.
 Tag cement @ 85'
 Perf @ 354' & pump 240 sx cement along 7", 9-5/8", and 13" casing to surface. Displace to 100ft.

Tag cement @ 962'
 Perf @ 1100' & pump 100 sx cement.

Tag cement @ 2657'
 Perf @ 2816' & Squeeze 100 sx cement.

Cap CIBP w/10sx cement (60')
 Load hole w/113 bbls mud laden fluid
 Set CIBP @ 2900'

Tag existing plug @ 3259'

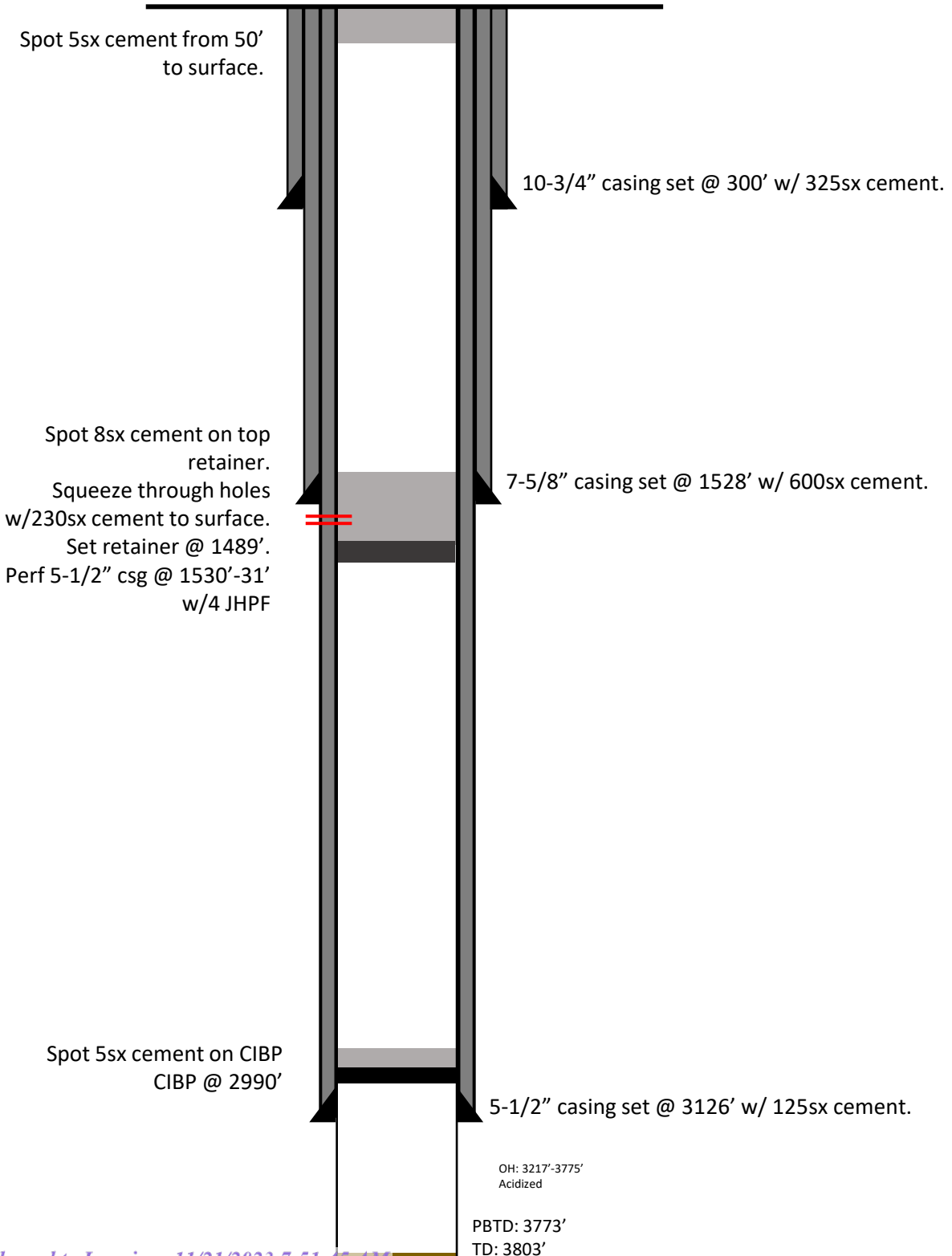
WOOLWORTH #1

VI. Exhibit C10

API# 30-025-11285

660 FEL 1980 FSL,

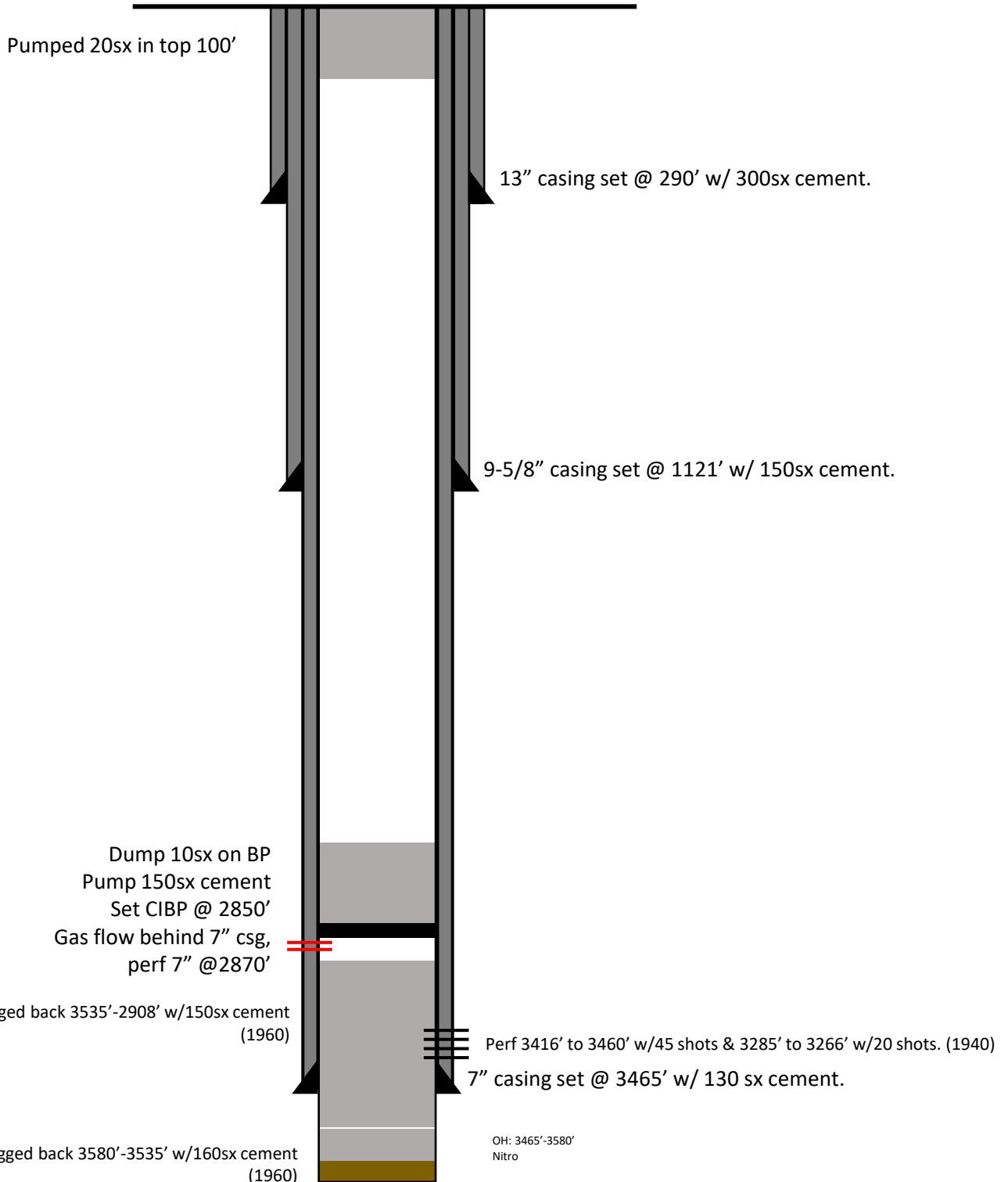
Sec 30, T24S, R37E Lea Co., NM



WOOLWORTH #2

VI. Exhibit C11

API# 30-025-11286
330 FEL 330 FSL,
Sec 30, T24S, R37E Lea Co., NM

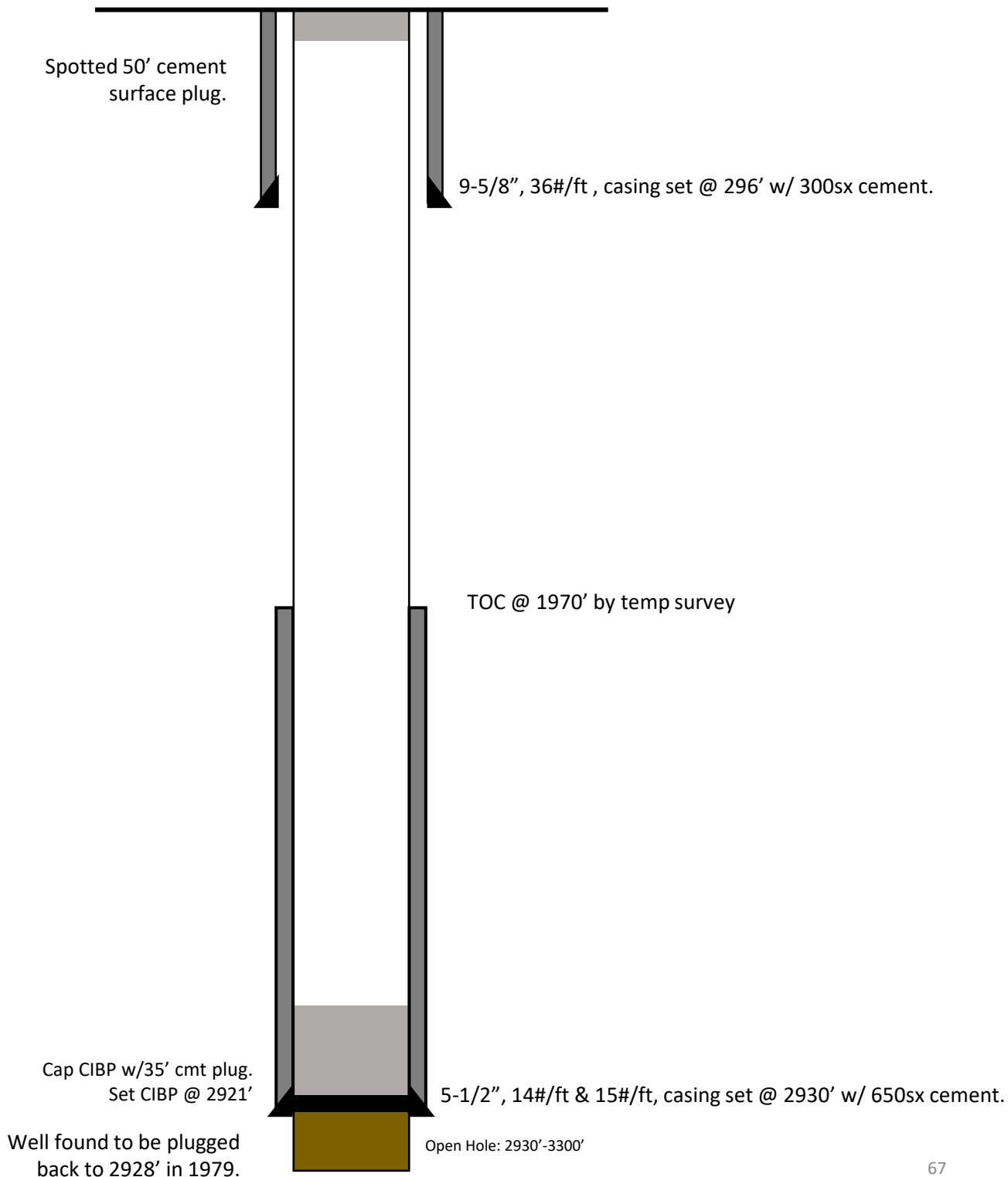


PBTD: 3580
TD: 3657'

CD WOOLWORTH #3

VI. Exhibit C12

API# 30-025-11287
1980 FWL 1980 FSL,
Sec 30, T24S, R37E Lea Co., NM



Well found to be plugged back to 2928' in 1979.

LANGLIE JAL UNIT #012

VI. Exhibit C13

API# 30-025-11303
 1977 FEL 2310 FNL,
 Sec 31, T24S, R37E Lea Co., NM

Field: **Langlie Mattix (7-Rivers & Queen)**

Langlie Jal Unit #12

| Location: | |
|-------------|----------------------|
| Footage: | 1977 FEL & 2310 FNL |
| Section: | 31, T - 24S, R - 37E |
| Block: | |
| Survey: | |
| County: | Lea |
| Lat: | |
| Long: | |
| Elevations: | |
| GL: | 3236 |
| DF: | 3250 |
| KB: | 3250 |
| KB Calc: | |
| ck wlog? | |

| | |
|---------------|--------------|
| Reservoir: | Langlie Jal |
| Well ID Info: | 12 |
| API No.: | 30-025-11303 |
| Spud Date: | 6/1/1957 |

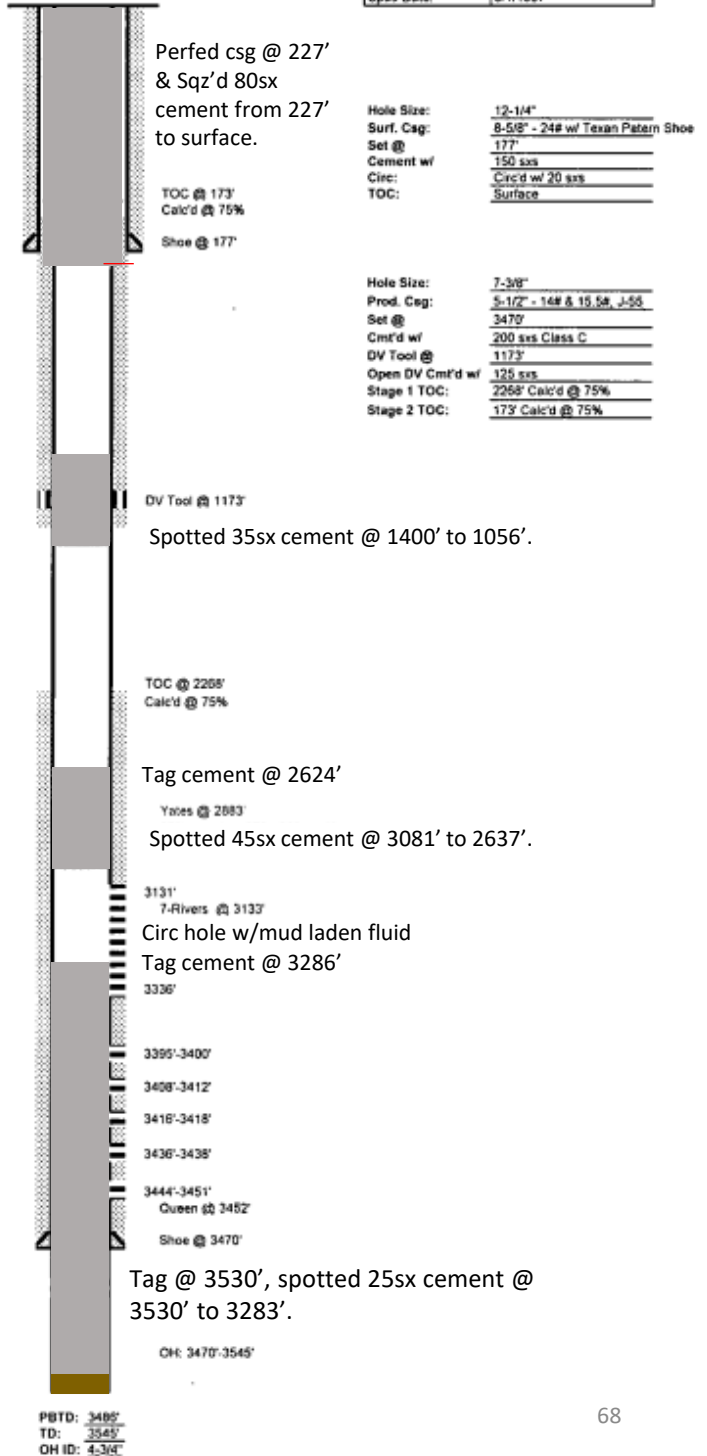
| Date | History |
|-----------|--|
| 01-Jun-57 | OTD - 3545'. Treated w/ 100 gals Controflow prior to Frac. Hydra frac O.H. from 3470' to 3545' w/ 20,000 gals refined oil carrying 39,000# sand. Pmp'g: 60 bwpd & 18 bwpd. |
| 15-Mar-74 | Perfd 7-R and queen from: 3395'-3400', 3408'-12', 3416'-18', 3,436'-38' & 3,444'-3451'. 1 JSPP, 25 holes. Acidized with 2,000 gals. Pmp'g: 30 bwpd & 36 bwpd - TSTM gas. |
| 15-Jul-81 | Ran GR-CNL-CL Acid Sand frac'd w/ 10,000 gals 15% HCl & 10,000# 20/40 mesh sand. Prior test: 20 bwpd & 30 bwpd. After treatment test: 50 bwpd & 83 bwpd. |
| 09-May-94 | RH w/ bit cleaned out fr 3486'. Drilled out to 3547'. Ran GR/Corr logs from 3486' to 1785'. Set CIBP @ 3385'. Swabbed test from 3385' to 3281'. No test reported. Drilled out CIBP and push to 3485'. |
| 3-Oct-95 | RU Wireline & set RBP @ 3342'. Perfd 7-R from 3131'-3336'. Frac'd w/ 2000 gals 15% HCl plus 22,146# 16/30 mesh sand. Pumped out to 3450'. Pressured to 1524' psig. Test back side. Drilled out to 3450'. Acidized perfs 3394'-3463' w/ 4000 gals 7-1/2% FeA2x. No test reported. |

| Tubing Detail (top to bottom) | | | |
|-------------------------------|------------------------|---------|-------|
| Joints | Description | Footage | Depth |
| 115 | 2-3/8 4.6# J-55 Tubing | 3,532 | 3,532 |
| 1 | 2-7/8" x 7" TAC | 4 | 3,536 |
| 1 | 2-7/8" SN | 4 | 3,540 |
| 1 | Perf Sub | 4 | 3,544 |
| 1 | 2-3/8" Mud Anchor | 32 | 3,576 |
| | | | 3,576 |

| Rod Detail (top to bottom) | | | |
|----------------------------|---|---------|-------|
| Rods | Description | Footage | Depth |
| 1 | 1-1/4" x 22' polished rod w/ 7/8" pin | 18 | 18 |
| 1 | 1-1/4" x 1-1/2' x 8' polished rod liner | 0 | 18 |
| 4 | 6', 4', 4', 4' - 7/8" pony rods | 18 | 36 |
| 149 | 3/4" steel rods | 3,500 | 3,536 |
| 1 | 2" x 1-1/4" x 12' | 12 | 3,548 |
| | | | 3,548 |

Pumping Unit:
 Updated: RG 7/25/2014

Wellbore Diagram



| | |
|------------|------------------------------------|
| Hole Size: | 12-1/4" |
| Surf. Cag: | 8-5/8" - 24# w/ Texan Pattern Shoe |
| Set @: | 177' |
| Cement w/: | 150 sxs |
| Circ: | Circ'd w/ 20 sxs |
| TOC: | Surface |

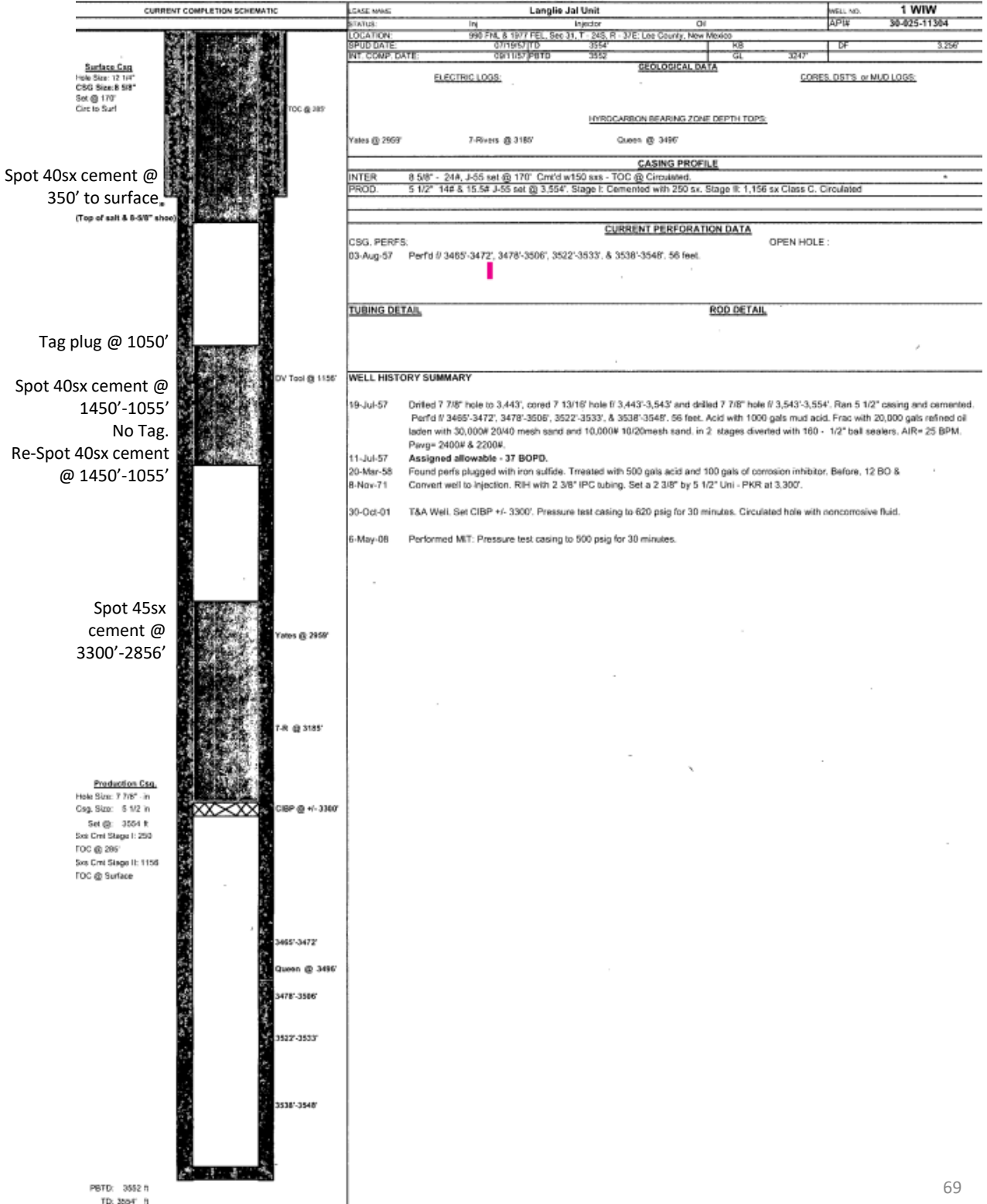
| | |
|------------------|---------------------------|
| Hole Size: | 7-3/8" |
| Prod. Cag: | 5-1/2" - 14# & 15.5# J-55 |
| Set @: | 3470' |
| Cm'd w/: | 200 sxs Class C |
| DV Tool @: | 1173' |
| Open DV Cm'd w/: | 125 sxs |
| Stage 1 TOC: | 2268' Calc'd @ 75% |
| Stage 2 TOC: | 173' Calc'd @ 75% |

POTD: 3485'
 TD: 3545'
 OH ID: 4-3/4"

LANGLIE JAL UNIT #001

VI. Exhibit C14

API# 30-025-11304
 1977 FEL 990 FNL,
 Sec 31, T24S, R37E Lea Co., NM



LANGLIE JAL UNIT #003

VI. Exhibit C15

API# 30-025-11311
 660 FWL 990 FNL,
 Sec 32, T24S, R37E Lea Co., NM

Field: **Langlie Mattix (7-Rivers & Queen)**

Langlie Jal Unit #3

| Location: | |
|-------------|----------------------|
| Footage: | 990 FNL & 660 FWL |
| Section: | 32, T - 24S, R - 37E |
| Block: | |
| Survey: | |
| County: | Lea |
| Lat: | |
| Long: | |
| Elevations: | |
| GL: | 3,252' |
| DF: | 3,267' |
| KB: | 3,269' |
| KB Calc: | |
| ck w/flog? | |

| | |
|---------------|--------------|
| Reservoir: | Langlie Jal |
| Well ID Info: | 3 WW |
| API No: | 30-025-11311 |
| Spud Date: | 11/1/1939 |

| | |
|------------|---------------------|
| Hole Size: | 12-1/4" |
| Surf. Csg: | 9-5/8" - 25.7# J-55 |
| Set @: | 643' |
| Cement w/: | 325 sxs |
| Circ: | Yes |
| TOC: | Surface |

| | |
|------------|-------------------|
| Hole Size: | 8-3/4" |
| Prod. Csg: | 7" - 22# H-40 |
| Set @: | 3447' |
| Cmt'd w/: | 300 sxs Class C |
| Circ: | No |
| TOC: | 725' Calc'c @ 75% |

| Date | History |
|-----------|---|
| 01-Nov-39 | Treated open hole from 3447' to 3575' with 180 quarts of Nitro. IP: 58 BOPD and 168 MCFPD |
| 18-Apr-72 | Convert to injection. |
| 05-Oct-74 | Perf'd 7R & Q @ 3345'-52', 3368', 3371'-3377', 1 jhpf, 47 holes. |
| 1-Jun-81 | Acidized w/ 5000 gals acid plus 1250 gals diverting agent. |
| 1-Feb-86 | Sqz'd csg/lk @ 647'-677' with 250 sxs and re-sqz'd w/ 100sxs. Acidized all perfs with 5400 gals 15% NEFE HCl acid plus 1500# rock salt. |
| 26-Mar-08 | Approval to TA well. Set CIBP 3250' |
| | |
| | |
| | |

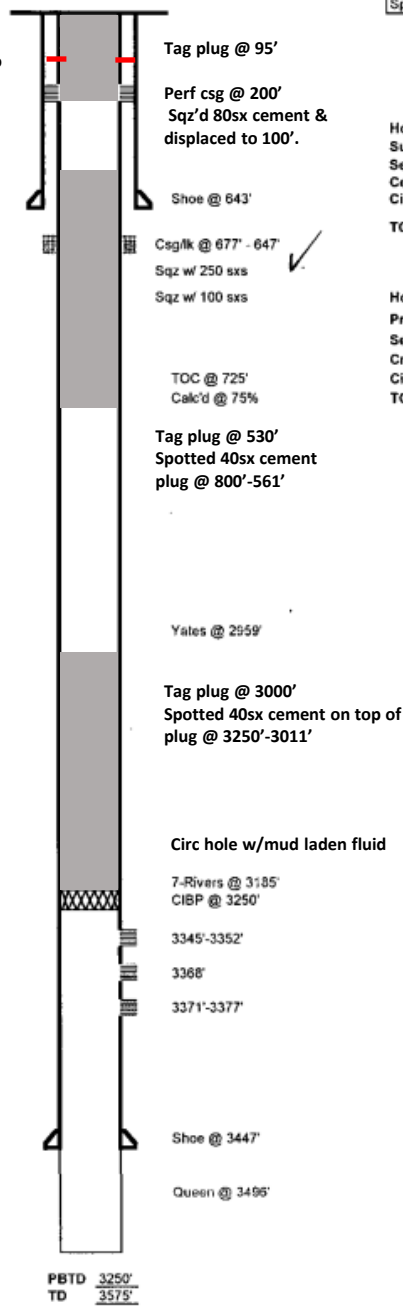
| Tubing Detail (top to bottom) | | | |
|-------------------------------|-------------|---------|-------|
| Joints | Description | Footage | Depth |
| | | | |
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| Rod Detail (top to bottom) | | | |
|----------------------------|-------------|---------|-------|
| Rods | Description | Footage | Depth |
| | | | |
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Pumping Unit:
 Updated: MLS 8/11/2014

Perf csg @ 95'
 Sqz'd 40sx cement to surface

Wellbore Diagram



PBTD 3250'
 TD 3575'

LANGLIE JAL UNIT #013

VI. Exhibit C16

API# 30-025-23865

1980 FWL 1980 FNL,

Sec 31, T24S, R37E Lea Co., NM

Field: **Langlie Mattix (7-Rivers & Queen)**

| Location: | |
|-------------|----------------------|
| Footage: | 1980 FNL & 1980 FWL |
| Section: | 31, T - 24S, R - 37E |
| Block: | |
| Survey: | |
| County: | Lea |
| Lat: | |
| Long: | |
| Elevations: | |
| GR: | 3243' |
| DF: | |
| KB: | |
| KB Calc: | |
| dt w/top? | |

| Date | History |
|-----------|---|
| 29-Mar-72 | Perf'd 7-Rivers/Queen V 3280'-86', 3315'-22', 3343'-46', 3363'-67', 3449', 3466', 3512', 3520', 3530', 3543', & 3567', 27 feet, 1 JSPF. Acidized with 500 gals MB acid. |
| 24-Jun-03 | T&A Well |
| 23-Feb-12 | POOH with injection string and 4 1/2" PKR. Hydrotest tubing in hole- 2 bad jts. Found leak at top 4 1/2" slips. Welded new 4 1/2" stub. Test 4 1/2" casing to 550 psig - okay. RH with 4 1/2" AD-1 PKR. Set PKR at 3,200'. Pressure annulus to 550 psig - failed. Hydrotest 2 3/8" IPC tubing - found collar leak 17' stand from surface. Set Arrow set PKR at 3,200 psig. Test annulus to 520 psig - MIT passed. |

| Tubing Detail (top to bottom) | | | |
|-------------------------------|-------------|---------|-------|
| Joints | Description | Footage | Depth |
| | | | |
| | | | |
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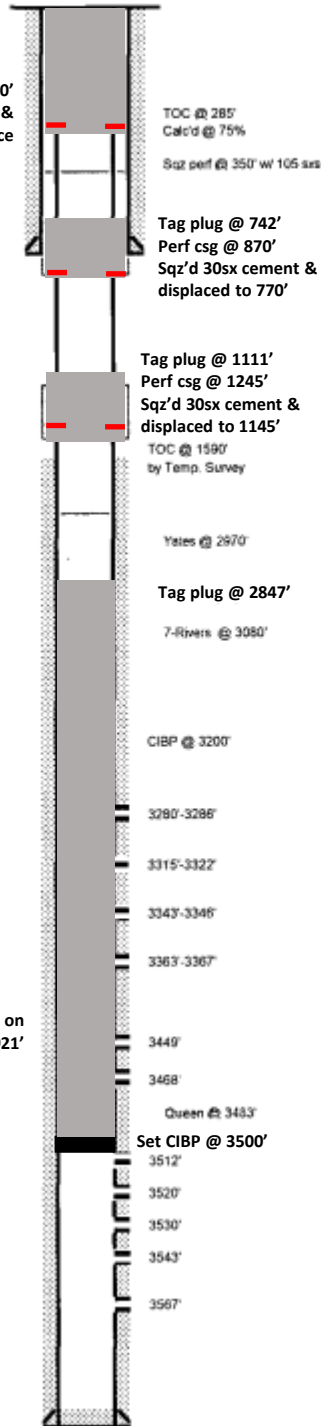
| Rod Detail (top to bottom) | | | |
|----------------------------|-------------|---------|-------|
| Rods | Description | Footage | Depth |
| | | | |
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Pumping Unit
Updated: RG 7/25/2014

Spotted 40sx cement on top of plug @ 3500'-2921'

Langlie Jal Unit #13

Wellbore Diagram



| Reservoir: Langlie Jal | |
|------------------------|--------------|
| Well ID Info: | 13 WIW |
| API No: | 30-025-23865 |
| Spud Date: | 9/25/197 |

| | |
|------------|--------------------|
| Hole Size: | 12-1/4" |
| Surf. Csg: | 8-5/8" - 248, J-55 |
| Set @: | 820' |
| Cement w/: | 475 ggs |
| Circ: | Yes |
| TOC: | Surface |

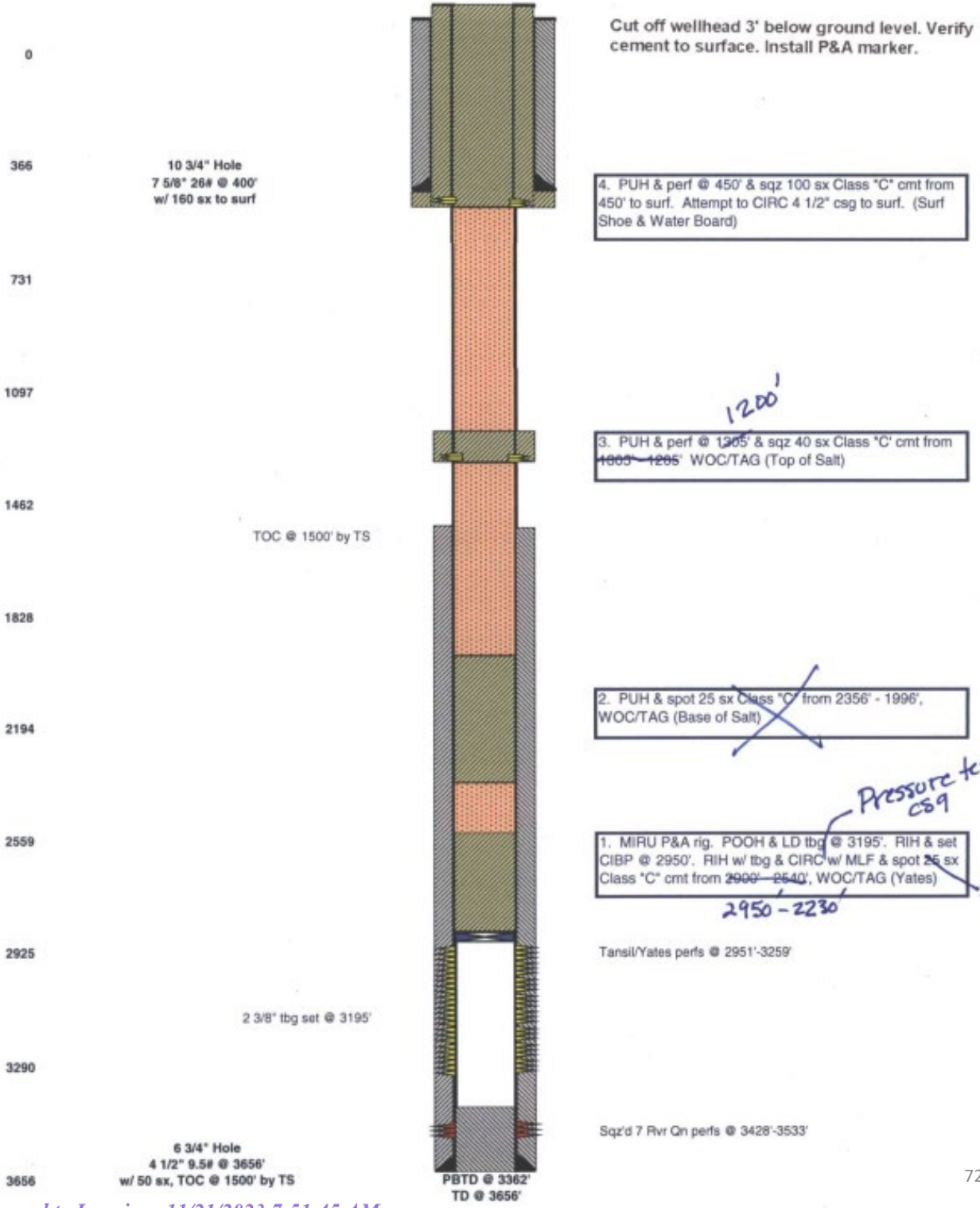
| | |
|------------|------------------------------|
| Hole Size: | 7-7/8" |
| Prod. Csg: | 4-1/2" - 10.5#, J-55 |
| Set @: | 3600' |
| Cmf'd w/: | 1222 ton Class C |
| Circ: | No |
| TOC: | 1590' Calc'd by Temp. Survey |

PBTD 3200'
TD 3500'

WM H HARRISON D WN COM #6 VI. Exhibit C17

API# 30-025-24669
1980 FWL 660 FSL,
Sec 29, T24S, R37E Lea Co., NM

| | |
|------------|------------------------|
| LEASE NAME | WM H Harrison D WM Com |
| WELL # | 6 |
| API # | 30-025-24669 |
| COUNTY | LEA |



CITIES THOMAS #1

VI. Exhibit C19

API# 30-025-25400
1650 FEL 990 FNL,
Sec 19, T24S, R37E Lea Co., NM



Cimarex Energy Co. of Colorado
Cities - Thomas #1
API 30-025-25400
990' FNL & 1650' FEL, Sec 19, T19S R34E
Lea County, NM
GL:3299' KB: 3312'

8-5/8" 28# csg @ 417'
Cmt w/260 sx, circ to surface

Mix & Circ to surface a 45sx
cement plug from 544'-3'.

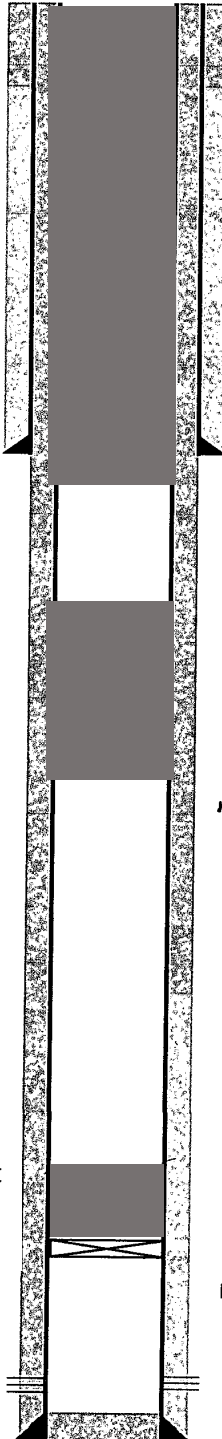
Mix & Pump 45sx cement
plug from 1455'-956' (tag).

Mix & Pump 25sx cement
plug from 2977'-2700' (calc).
Tag CIBP @ 2977'

4-1/2" 10.5# csg @ 3696'
Cmt w/1450 sx, circ to surface

Hole in Casing from 2990'-3053'

Queen Perfs: 3446'-3614'

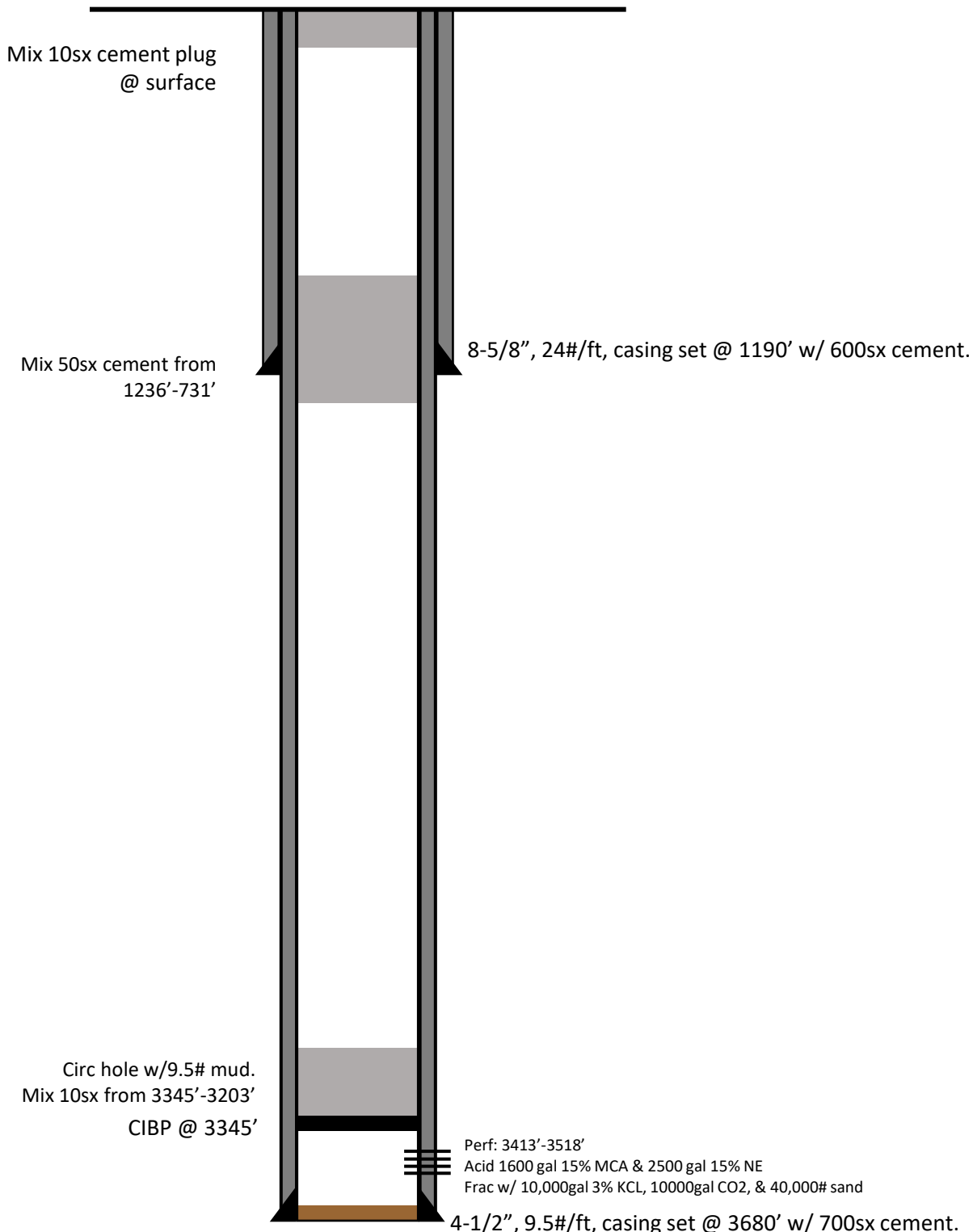


Original PBD: 3626'

HARRISON #1

VI. Exhibit C21

API# 30-025-26060
660 FWL 1980 FNL,
Sec 29, T24S, R37E Lea Co., NM



PBTD: 3620'

TD: 3680'

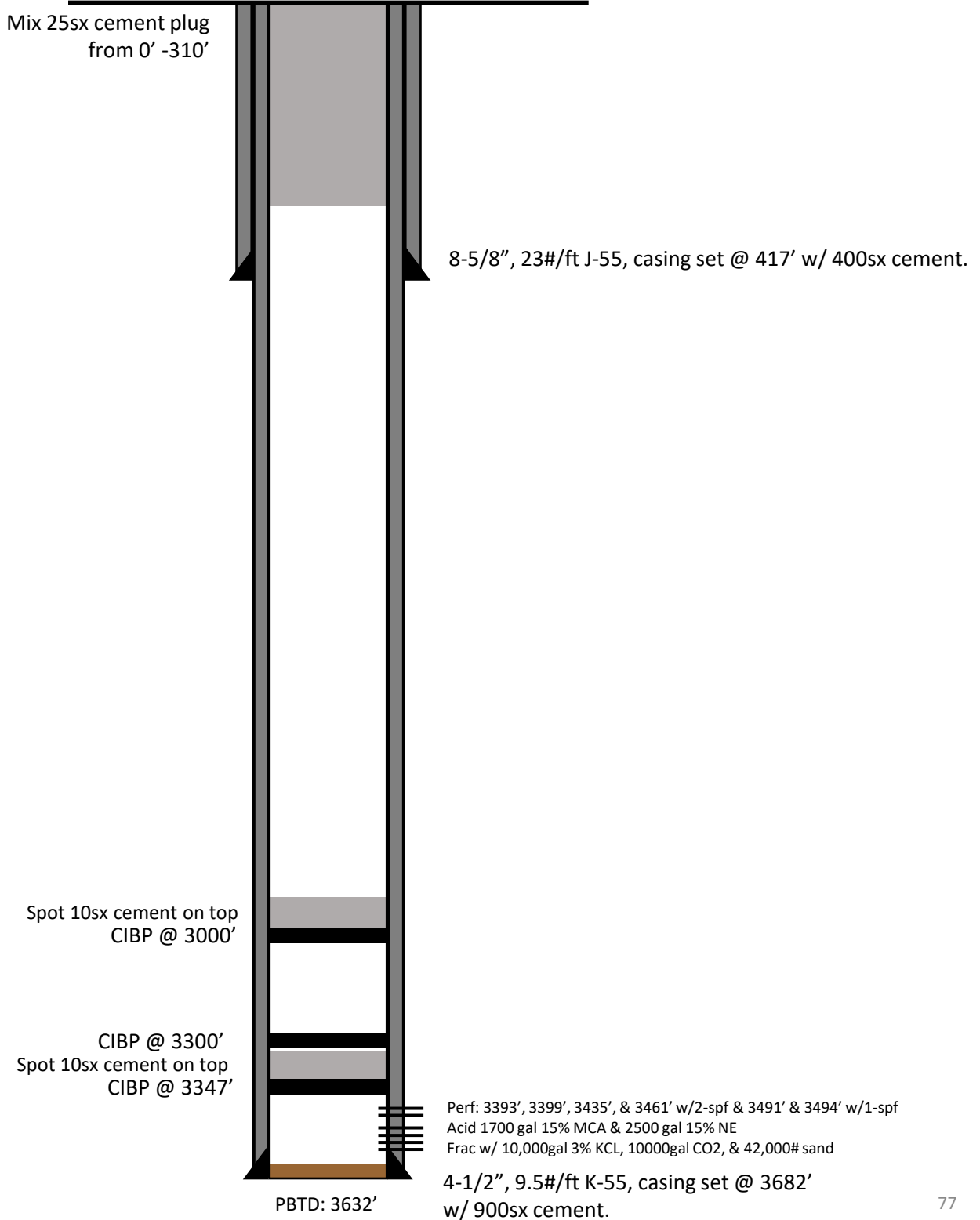
HARRISON #2

VI. Exhibit C22

API# 30-025-26239

330 FWL 990 FNL,

Sec 29, T24S, R37E Lea Co., NM



CITIES THOMAS #5

VI. Exhibit C23

API# 30-025-28626

990 FEL 990 FNL,

Sec 19, T24S, R37E Lea Co., NM



Cimarex Energy Co. of Colorado
Cities - Thomas #5
 API 30-025-28626
 990' FNL & 990' FEL, Sec 19, T19S R34E
 Lea County, NM
 GL:3299' KB:

Mix & Circ to Surface, 15sx cement plug from 63'-3'

9-5/8" 36# csg @ 430'
Cmt w/300 sx, circ to surface

Mix & Pump 25sx cement plug from 480'-380' (calc)

Mix & Pump 35sx cement plug from 1280'-1090'

✓ TS

Mix & Pump 55sx cement plug from 1375'-1280'

Mix & Pump 70sx cement plug from 3020'-2660'

✓ BS

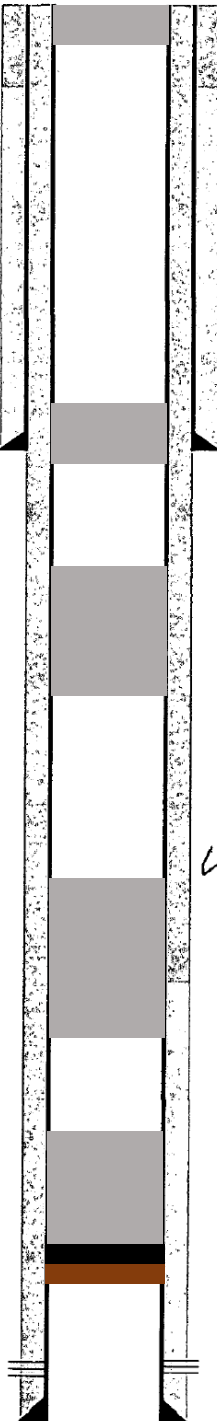
Mix & Pump 35sx cement plug from 3395'-3245' (calc)

NEW CIBP set @ 3395'

Drill Out/Push Down CIBP from 3300' to 3400'

7" 23# csg @ 3750'
Cmt w/650 sx, circ to surface

Seven Rivers Perfs: 3495'-3585"



Original PBTD: 3750'
TD: 3710'

C D WOOLWORTH #9

VI. Exhibit C24

API# 30-025-32863
1980 FWL 660 FSL,
Sec 30, T24S, R37E Lea Co., NM

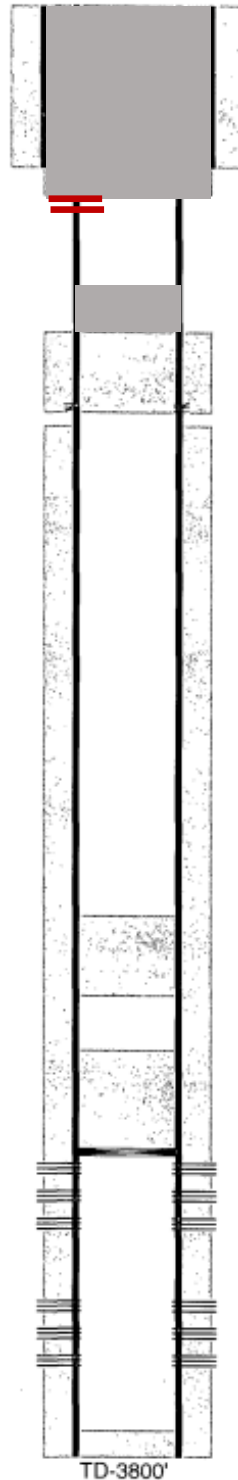
OXY USA Inc.
C.D. Woolworth #9
API No. 30-025-32863

Circulated to surface
Mix & Pump 135sx cement @ 491'

Tag cement @ 730'
Mix & Pump 25sx cement @ 808'
Tag cement @ 808'
Mix & Pump 50sx cement @ 1204'

Tag cement @ 2536'
Mix & Pump 25sx cement @ 2758'

Tag cement @ 2825'
CIBP @ 3125' w/30sx cement on top



12-1/4" hole @ 460'
8-5/8" csg @ 460'
w/ 270sx-TOC-Surf-Circ

RIH w/pkr & found holes @ 528'-491'

Perf @ 1200'

Perfs @ 3175-3358'

Perfs @ 3475-3655'

7-7/8" hole @ 3800'
5-1/2" csg @ 3800'
w/ 350sx-TOC-1250'-TS

PB-3765'

TD-3800'

C D WOOLWORTH #11

VI. Exhibit C25

API# 30-025-33882
1330 FWL 1185 FSL,
Sec 30, T24S, R37E Lea Co., NM

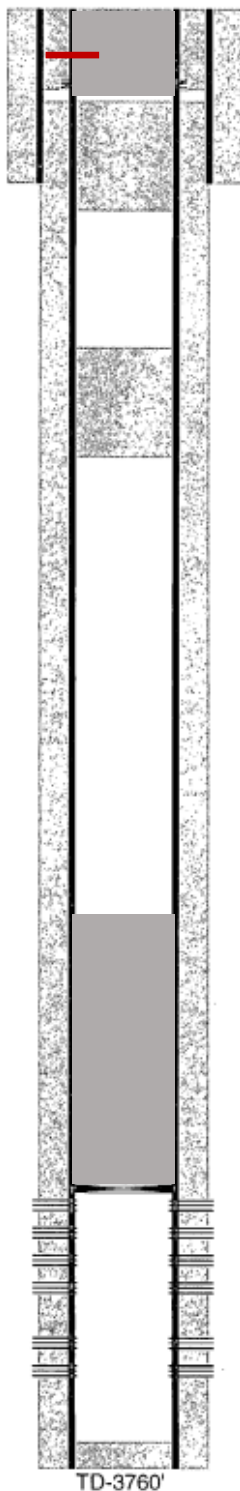
OXY USA Inc.
C.D. Woolworth #11
API No. 30-025-33882

Circulate to surface
Sqz 30sx cement @100'
Perf @100', RIH to 270', & Mix &
Pump 30sx cement to 100'

Tag cement @ 280'
Mix & Pump 25sx cement @ 552'

Tag cement @ 935'
Mix & Pump 25sx cement @ 1258'

Tag cement @ 2423'
CIBP @ 3110' w/45sx cement on top



Perf @ 250'

11" hole @ 479'
8-5/8" csg @ 479'
w/ 260sx-TOC-Surf-Circ

Perfs @ 3161-3349'

Perfs @ 3484-3608'

7-7/8" hole @ 3760'
4-1/2" csg @ 3760'
w/ 1250sx-TOC-284'-CBL⁸⁰

PB-3735'

TD-3760'

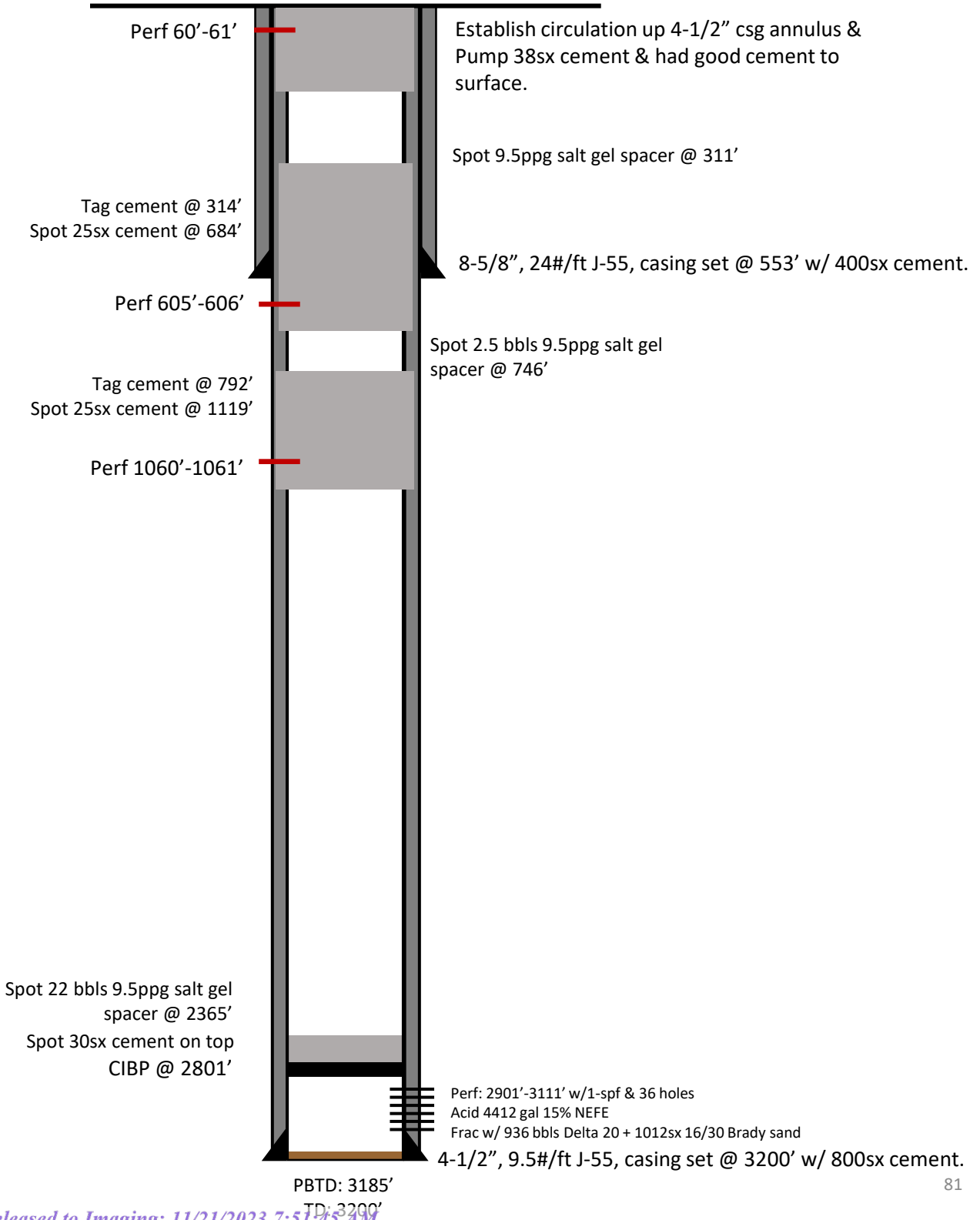
STATE A 32 #005

VI. Exhibit C26

API# 30-025-34555

660 FWL 710 FNL,

Sec 32, T24S, R37E Lea Co., NM



VII. Proposed Injection Operation

1. Average injection rate target will be ~800 bpd. Maximum injection rate will be 1600 bpd. These numbers are based off 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 ~650 psi. Maximum injection pressure will be calculated relative to the depth of the highest perforation, using a factor of 0.2 psi/ft. The proposed injector will have top perforation depths of approximately 3,450' to 3,550' (or 690 psi to 710 psi maximum injection pressure, respectively). Pending results of a step rate test, the maximum injection pressure could potentially be increased to a factor of 0.65 psi/ft (or 2,243 psi at 3,450' and 2,308 psi at 3,550').
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 waterflood will be injecting into the Seven Rivers/Queen reservoir. The portion that will be injected consists mainly of sandstones interbedded with dolomites and anhydrites. The reservoir quality rocks have porosities ranging from 10% to 20% and averages around 16%. Formation Tops Are:

| Formation | Offset Top (ADELE SOWELL 2) 30-025-25755 | Contents |
|-----------------------------|--|-------------------|
| Alluvium | GL | Fresh Water |
| Rustler | 1180 | Anhydrite |
| Salado (top of salt) | 1325 | Salt |
| Tansill (base of salt) | 2770 | Gas, Oil, & Water |
| Yates | 2930 | Gas, Oil, & Water |
| Seven Rivers | 3175 | Gas, Oil, & Water |
| Queen | 3536 | Gas, Oil, & Water |
| SR/Queen Injection Interval | 3445-3700 | Gas, Oil, & Water |
| Total Depth | 3718 | |

IX. Proposed Stimulation Program

The injectors will be acidized with 5,000 gal 15% HCl for each set of perforations. Acid in the Queen formation is known to break down the perfs and cause injection at lower pressures vs perforating alone. The injectors will not be sand frac'd so there will be better vertical conformance.

X. Logging and Test Data for Wells

The CITIES THOMAS #3, ADELE SOWELL #1, ADELE SOWELL #2, KIMMY #3, and C D WOOLWORTH #10 will be converted to injectors. The well logs for these wells have been submitted to the NMOCD previously. The remaining 10 wells are new drill injectors and will be open hole logged before the 2nd string of casing is set. FAE II plans to run GR, RES, DENSITY, NEUTRON, and PE curves.

Test Data for the above-mentioned wells is as follows:

CITIES THOMAS #3

Date: 09/11/1977

Perf Interval: 3408', 3413', 3423', 3433', 3445', 3481, 3518', 3528', 3531', 3550', & 3555' (1 SPF)

Method: Perf and Acidize w/4000 gal 15% MCA; SWF w/ 50,000 gals & 85,000# sand.

Result: 292 MCF in 24hrs.

ADELE SOWELL #1

Date: 9/23/1977

Perf Interval: 3402', 3406', 3410', 3414', 3418', 3424', 3428', 3432', 3436', 3472', 3476', 3492', 3503', 3507', 3511', & 3515' (1 SPF)

Method: Perf and Acidized w/4,000 gals 15% MCA; SWF w/ 50,000 gals & 80,000# sand.

Result: 345 MCF in 24hrs.

ADELE SOWELL #2

Date: 1/31/1978

Perf Interval: 3387', 3391', 3394', 3397', 3400', 3403', 3406', 3409', 3412', 3457', 3460', 3463, 3485', 3488', 3491', 3494', & 3497' (1 SPF)

Method: Perf and Acidized w/4500 gals 15% MCA; SWF w/ 50,000 gals + 85,000# sand.

Result: 288 MCF in 24hrs.

KIMMY #3

Date: 10/27/1979

Perf Interval: 3410', 3445', & 3476' (2 SPF) 3494' & 3510' (1 SPF)

Method: Perf and Acidized w/1700 gals 15% MCA & 2500 gals 15% NE; Frac w/ 10,000 gals 3% KCL, 10,000 gal CO2 & 43,000# sand.

Result: Pump 15.11 BO, 361.6 MCF, & 8.13 BW in 24hrs.

C D WOOLWORTH #10

Date: 5/29/1997

Perf Interval: 3502'-3658' w/4 JHPF

Method: Perf and Acidized w/2100 gals 15% NEFE HCl; Frac w/ 31,000 gal 35# XL gel & 104,000# 12/20 mesh Brady Sand.

Result: Pump 16 BO, 71 MCF, & 82 BW in 24hrs.

Date: 2/25/1998

Perf Interval: 3198'-3376' (26 Holes) & 3502'-3558' (40 Holes)

Method: Set CIBP @ 3450', Perf 3198'-3376' w/26 holes, Acidize w/2500 gal 15% NEFE Acid, and Frac perfs w/38,872 gal SFG 3000 + 130,000# 16/30 sand. Drilled out CIBP & cleaned hole to 3727'. Put back on production as commingled Jalmat and Langlie Mattix pools.

Result: Pump 23 BO, 65 MCF, & 76 BW in 24hrs

XI. Chemical Analysis of Fresh Water Wells

According to records from the Office of the State Engineer (Exhibit D1-8a) there are 0 active water wells within the 1 mile radius around the proposed wells. The OSE indicates there is 1 water well location within 1 mile of ADELE SOWELL #2, FLUOR HARRISON #2, KIMMY #5, and JACK B 30 #6 (CP 00492). The CP 00492 was drilled to 500'. The water bearing interval was found between 80'-100' MD, and it was cased from surface to 300' MD. The hole was then filled with metallurgical coke breeze containing 20 2"x60" anodes and converted to a cathodic protection ground bed. Due to the processes described, the CP 00492 is not actually and active water well. The OSE also indicates the KIMMY #6 location is within 1 mile of the CP 00493. This is also a cathodic protection well, and it is not currently water bearing.

FAE II Operating, LLC has obtained water analyses on 3 freshwater samples. The closest water sample (WS #1), a shallow fresh water well used for watering cattle, is about 280' from the ADELE SOWELL #1. The second water sample (WS #2) was taken about 0.29 Miles east of the ADELE SOWELL #1 and is also a shallow fresh water well used for watering cattle. The third fresh water sample, Randal Crawford's Well and may also be the permitted CP 01931, is a shallow fresh water well for domestic use, and it is about 0.8 Miles South East of the C D WOOLWORTH #10 . See Exhibits E1 through E3 for the sample location map and their water analysis results.

With respect to compatibility, the source of the water to be injected will be produced water from other Seven Rivers and Queen formations wells drilled within the Project area and water transfer lines. Exhibit E2 also contains a produced water analysis for the FAE II Operating LLC's CITIES THOMAS #4 (API: 30-025-25756). We do not expect any water compatibility issues to arise from the proposed injection operations.

API NUMBER: 30-025-25608

XI. Exhibit D1a

Well: CITIES THOMAS #3

Location: Twn 24S Rge 37E Sec 19

Footages: 660 FEL 2310 FNL

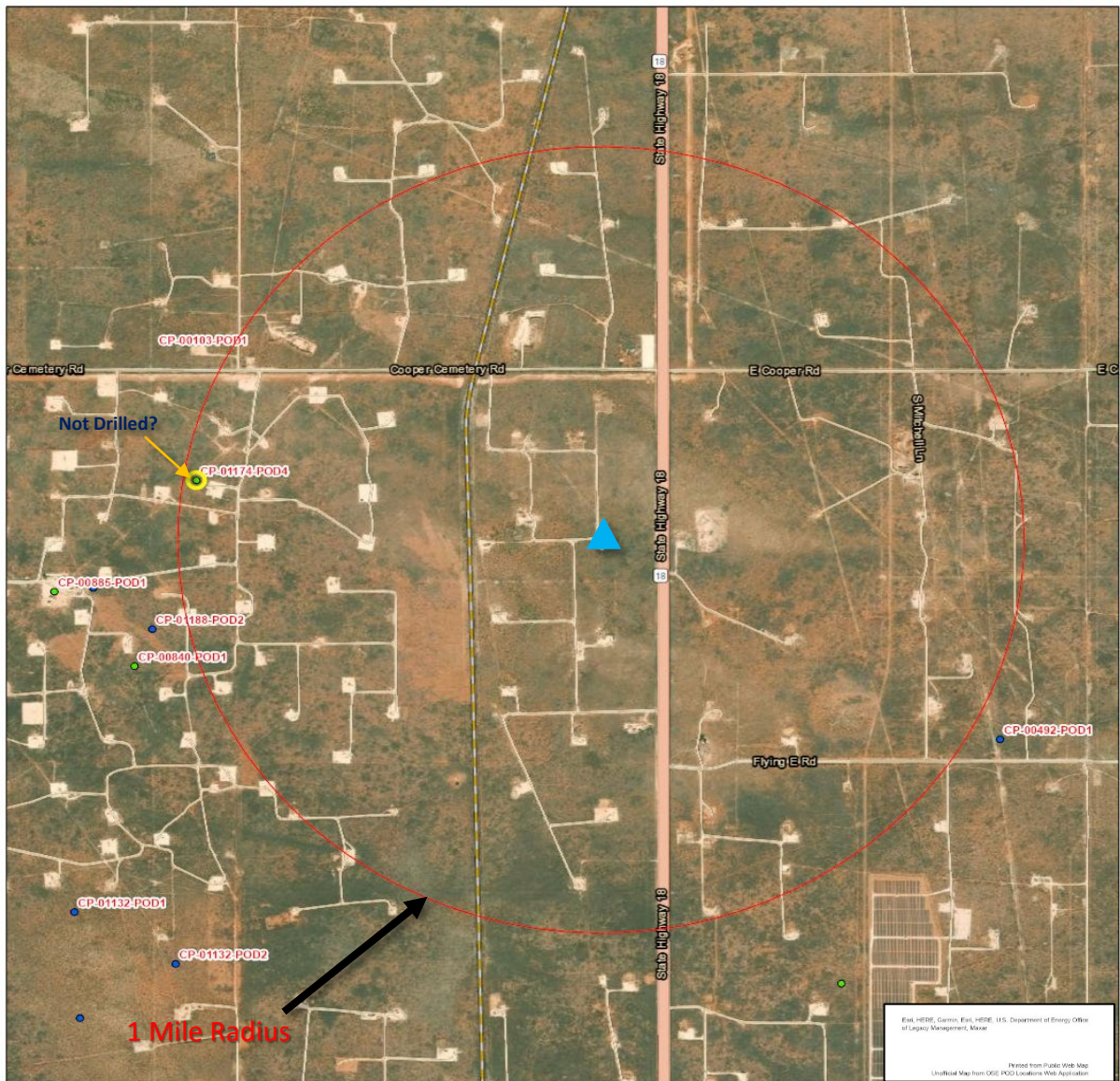
County: Lea

Location For Office of the State Engineer:

NAD 1983 UTM Zone 13

Easting (X): **670062.646** mtrs

Northing (Y): **3564454.783** mtrs

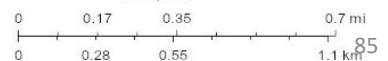


10/6/2021, 5:52:15 PM
GIS WATERS PODs

C-108 Injector

Active

1:18,056



API NUMBER: 30-025-25608

XI. Exhibit D1b

Well: CITIES THOMAS #3

Location: Twn 24S Rge 37E Sec 19

Footages: 660 FEL 2310 FNL

County: Lea

Location For Office of the State Engineer:

NAD 1983 UTM Zone 13

Easting (X): **670062.646** mtrs

Northing (Y): **3564454.783** mtrs

Water Wells Within 1 Mile Radius

**** 0 Locations ****



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

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

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

No records found.

Basin/County Search:

Basin: Capitan

County: Lea

UTMNAD83 Radius Search (in meters):

Easting (X): 670062.646

Northing (Y): 3564454.783

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.

10/6/21 4:57 PM

WATER COLUMN/ AVERAGE
DEPTH TO WATER

API NUMBER: 30-025-25755

XI. Exhibit D2a

Well: ADELE SOWELL #2

Location: Twn 24S Rge 37E Sec 19

Footages: 660 FEL 1650 FSL

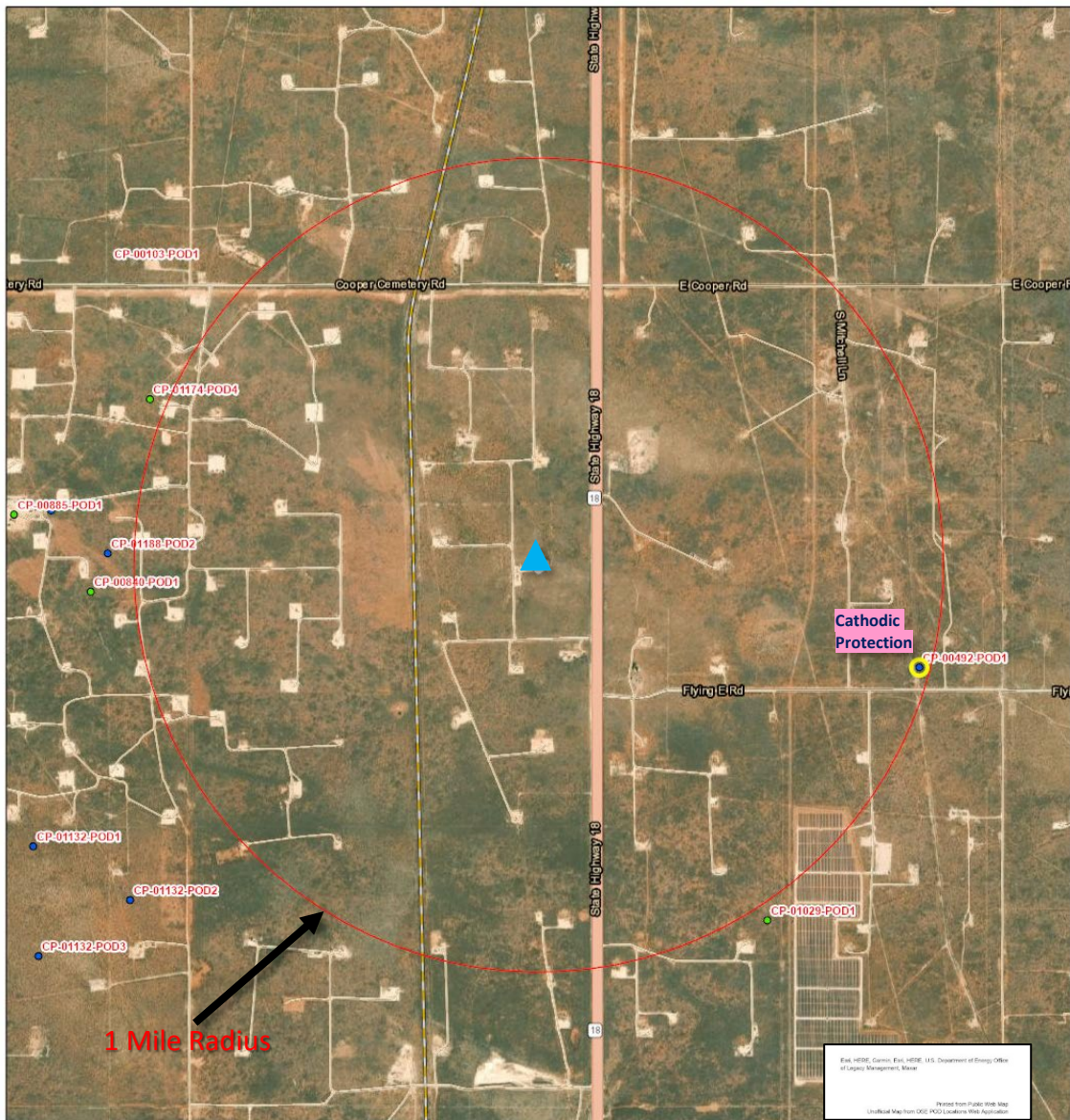
County: Lea

Location For Office of the State Engineer:

NAD 1983 UTM Zone 13

Easting (X): **670071.327** mtrs

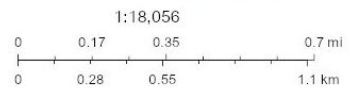
Northing (Y): **3564050.143** mtrs



10/6/2021, 6:04:55 PM
GIS WATERS PODs

▲ C-108 Injector

- Active
- Pending



API NUMBER: 30-025-25755
 Well: ADELE SOWELL #2
 Location: TwN 24S Rge 37E Sec 19
 Footages: 660 FEL 1650 FSL
 County: Lea

XI. Exhibit D2b

Location For Office of the State Engineer:
 NAD 1983 UTM Zone 13
 Easting (X): **670071.327** mtrs
 Northing (Y): **3564050.143** mtrs

Water Wells Within 1 Mile Radius

**** 1 Location ****



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 | Q | Q | Sec | Tw | Rng | X | Y | Distance | Depth | Well | Depth | Water | Column |
|--------------------------------------|---------------------|---------------|--------|---|---|---|-----|-----|-----|--------|----------|----------|-------|------|-------|-------|--------|
| CP 00492 POD1 | Catholic Protection | CP | LE | 3 | 4 | 4 | 20 | 24S | 37E | 671592 | 3563671* | 1567 | | 500 | | | |

Average Depth to Water: --
 Minimum Depth: --
 Maximum Depth: --

Record Count: 1

Basin/County Search:

Basin: Capitan **County:** Lea

UTM NAD83 Radius Search (in meters):

Easting (X): 670071.327 **Northing (Y):** 3564050.143 **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.

10/6/21 5:08 PM

WATER COLUMN/ AVERAGE DEPTH TO WATER

API NUMBER: 30-025-25630

XI. Exhibit D3a

Well: ADELE SOWELL #1

Location: Twn 24S Rge 37E Sec 19

Footages: 990 FEL 330 FSL

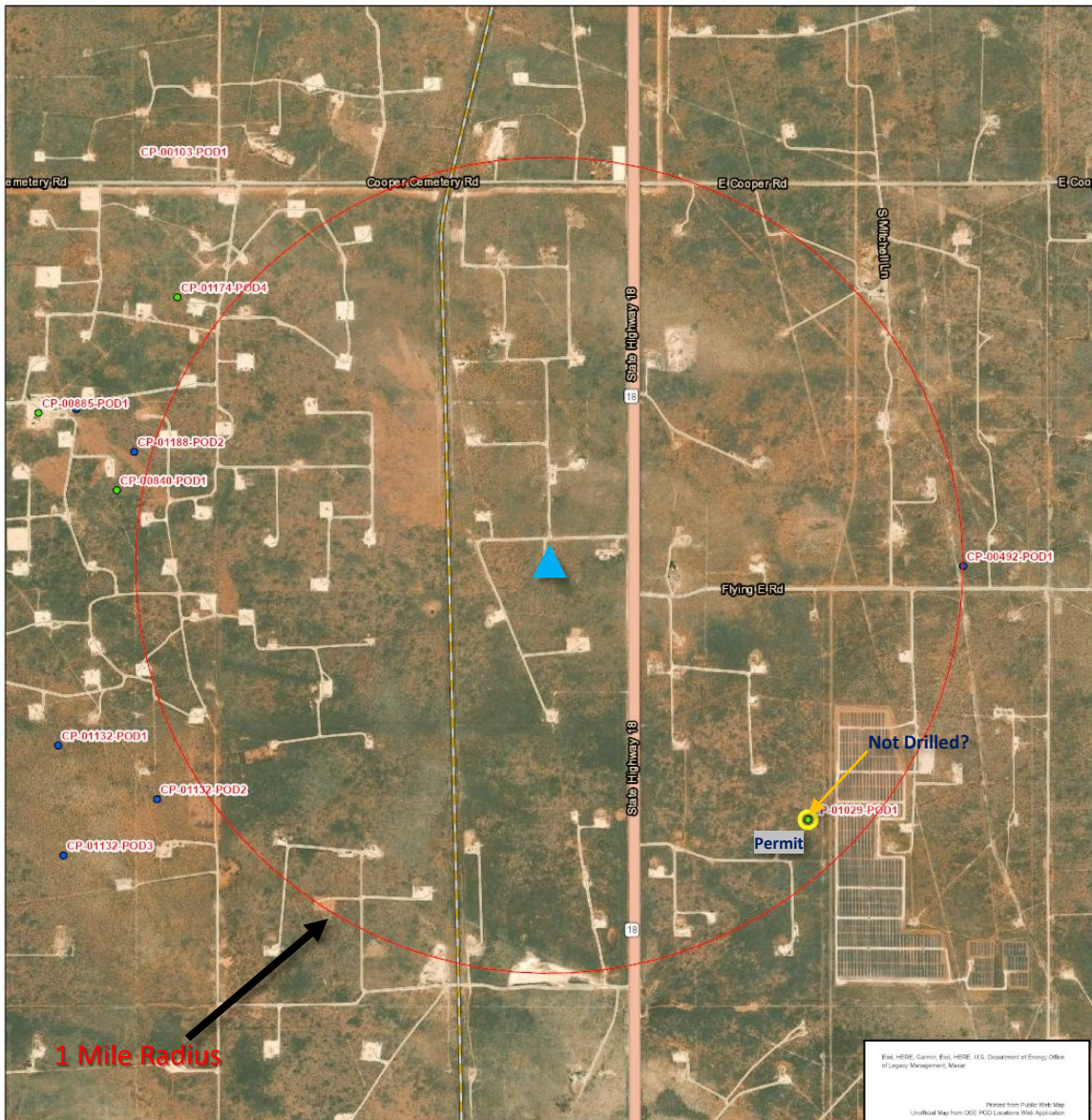
County: Lea

Location For Office of the State Engineer:

NAD 1983 UTM Zone 13

Easting (X): 669979.120 mtrs

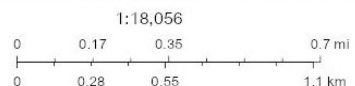
Northing (Y): 3563646.041 mtrs



10/7/2021, 10:08:02 AM ▲ C-108 Injector
GIS WATERS PODs

● Active

East, HERE, Garmin, Esri, HERE, U.S. Department of Energy Office of Legacy Management, Maxar
Printed from Public Web Map
Unofficial Map from OSE PODs Locations Web Application



API NUMBER: 30-025-25630

XI. Exhibit D3b

Well: ADELE SOWELL #1

Location: Twn 24S Rge 37E Sec 19

Footages: 990 FEL 330 FSL

County: Lea

Location For Office of the State Engineer:

NAD 1983 UTM Zone 13

Easting (X): 669979.120 mtrs

Northing (Y): 3563646.041 mtrs

Water Wells Within 1 Mile Radius

**** 0 Locations ****



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

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

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

No records found.

Basin/County Search:

Basin: Capitan

County: Lea

UTMNAD83 Radius Search (in meters):

Easting (X): 669979.12

Northing (Y): 3563646

Radius: 1609.3

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10/7/21 9:13 AM

WATER COLUMN/ AVERAGE
DEPTH TO WATER

API NUMBER: 30-025-26437

Well: KIMMY #3

Location: Twn 24S Rge 37E Sec 29

Footages: 330 FWL 1650 FSL

County: Lea

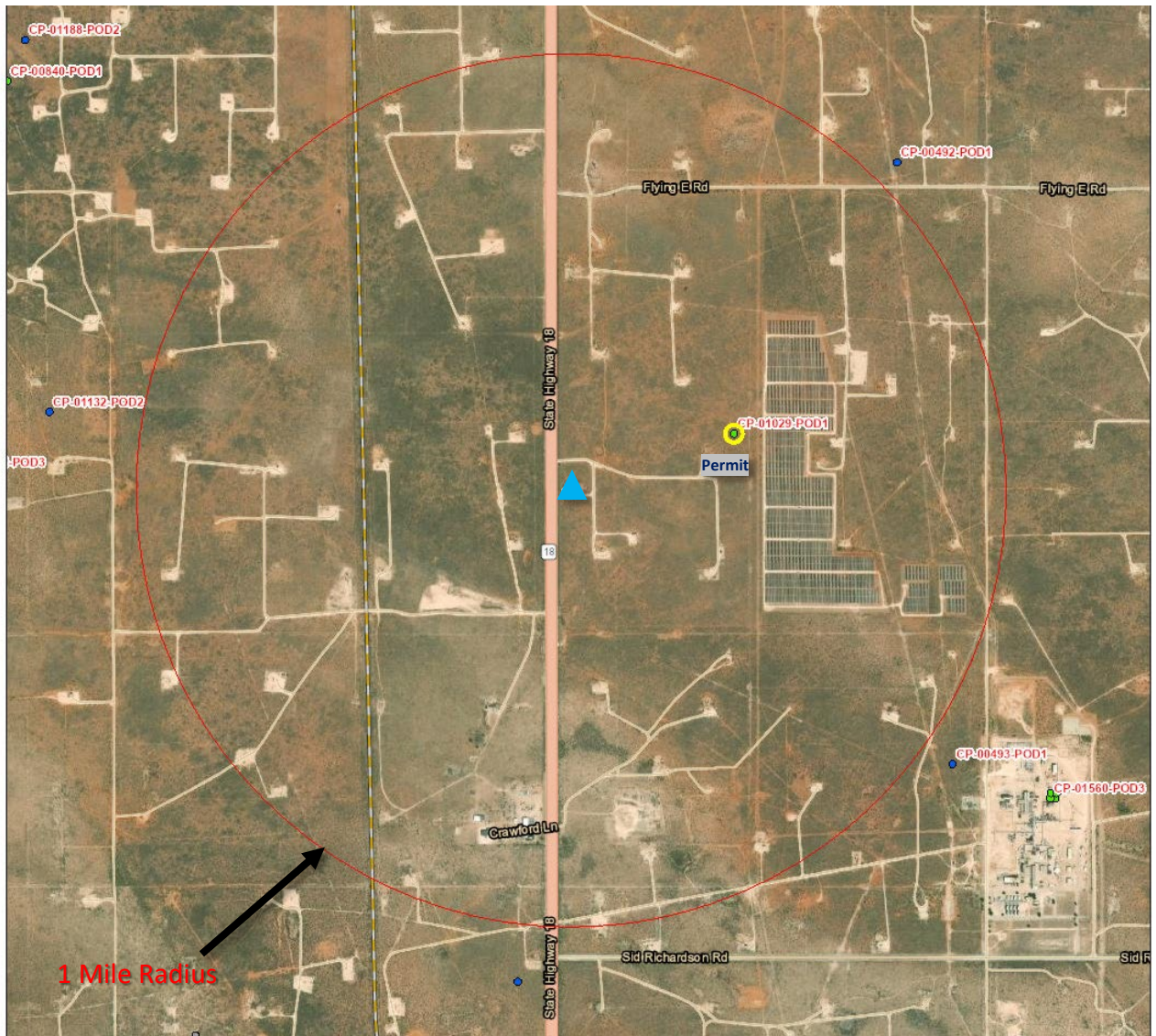
XI. Exhibit D4a

Location For Office of the State Engineer:

NAD 1983 UTM Zone 13

Easting (X): **670403.970** mtrs

Northing (Y): **3562442.133** mtrs



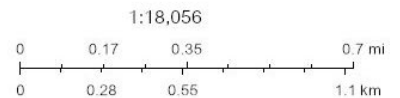
12/1/2022, 2:22:55 PM

GIS WATERS PODs

▲ C-108 Injector

- Active
- Pending
- Incomplete

Site Boundaries



Esri, HERE, GeoTechnologies, Inc., Esri, HERE, Garmin, GeoTechnologies, Inc., U.S. Department of Energy Office of Legacy Management, Maxar

API NUMBER: 30-025-26437

Well: KIMMY #3

Location: Twn 24S Rge 37E Sec 29

Footages: 330 FWL 1650 FSL

County: Lea

XI. Exhibit D4b

Location For Office of the State Engineer:

NAD 1983 UTM Zone 13

Easting (X): **670403.970** mtrs

Northing (Y): **3562442.133** mtrs

Water Wells Within 1 Mile Radius

**** 0 Active Locations ****



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

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

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

No records found.

Basin/County Search:

Basin: Capitan

County: Lea

UTMNAD83 Radius Search (in meters):

Easting (X): 670403.97

Northing (Y): 3562442.133

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.

12/1/22 1:25 PM

WATER COLUMN/ AVERAGE
DEPTH TO WATER

API NUMBER: 30-025-33881

Well: C D WOOLWORTH #10

Location: Twn 24S Rge 37E Sec 30

Footages: 2630 FEL 1400 FSL

County: Lea

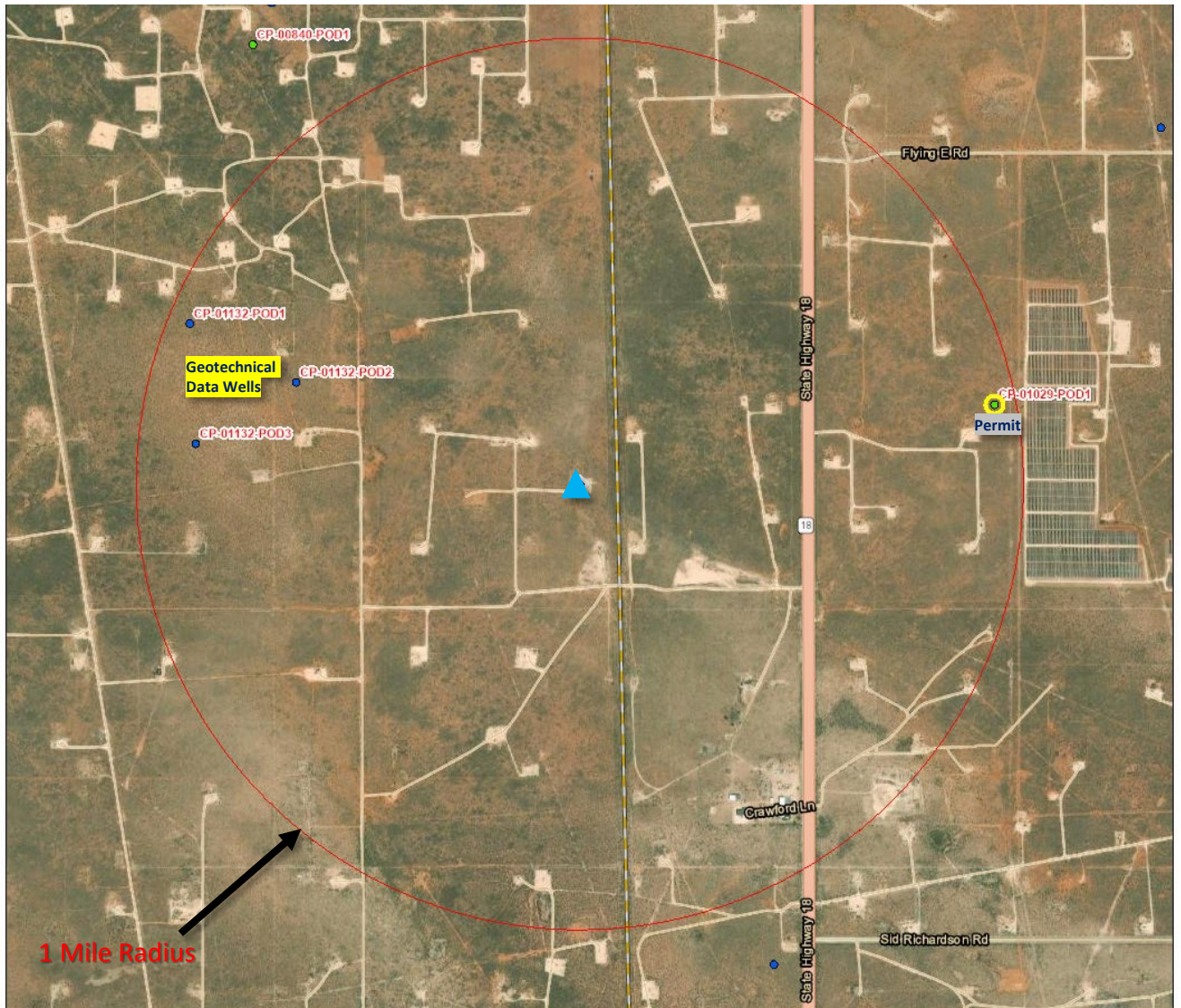
XI. Exhibit D5a

Location For Office of the State Engineer:

NAD 1983 UTM Zone 13

Easting (X): 669503.842 mtrs

Northing (Y): 3562350.556 mtrs



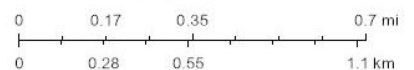
12/1/2022, 2:32:26 PM

▲ C-108 Injector

GIS WATERS PODs

- Active
- Pending
- SiteBoundaries

1:18,056



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API NUMBER: 30-025-33881
 Well: C D WOOLWORTH #10
 Location: Twn 24S Rge 37E Sec 30
 Footages: 2630 FEL 1400 FSL
 County: Lea

XI. Exhibit D5b

Location For Office of the State Engineer:
 NAD 1983 UTM Zone 13
 Easting (X): **669503.842** mtrs
 Northing (Y): **3562350.556** mtrs

Water Wells Within 1 Mile Radius

**** 0 Active Locations ****



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 25 | Tws 24S | Rng 36E | X | Y | Distance | DepthWell | DepthWater | Water Column |
|-------------------------------|---|---------------|--------|------|------|-----|--------|---------|---------|--------|---------|----------|-----------|------------|--------------|
| CP 01132 POD2 | Non Water Bearing Geotechnical Data Wells | CP | LE | 1 | 2 | 4 | 25 | 24S | 36E | 668471 | 3562698 | 1090 | 100 | | |
| CP 01132 POD3 | | CP | LE | 3 | 1 | 4 | 25 | 24S | 36E | 668111 | 3562471 | 1398 | 100 | | |
| CP 01132 POD1 | | CP | LE | 1 | 3 | 2 | 25 | 24S | 36E | 668082 | 3562905 | 1525 | 100 | | |

Average Depth to Water: --

Minimum Depth: --

Maximum Depth: --

Record Count: 3

Basin/County Search:

Basin: Capitan **County:** Lea

UTMNAD83 Radius Search (in meters):

Easting (X): 669503.842 **Northing (Y):** 3562350.556 **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.

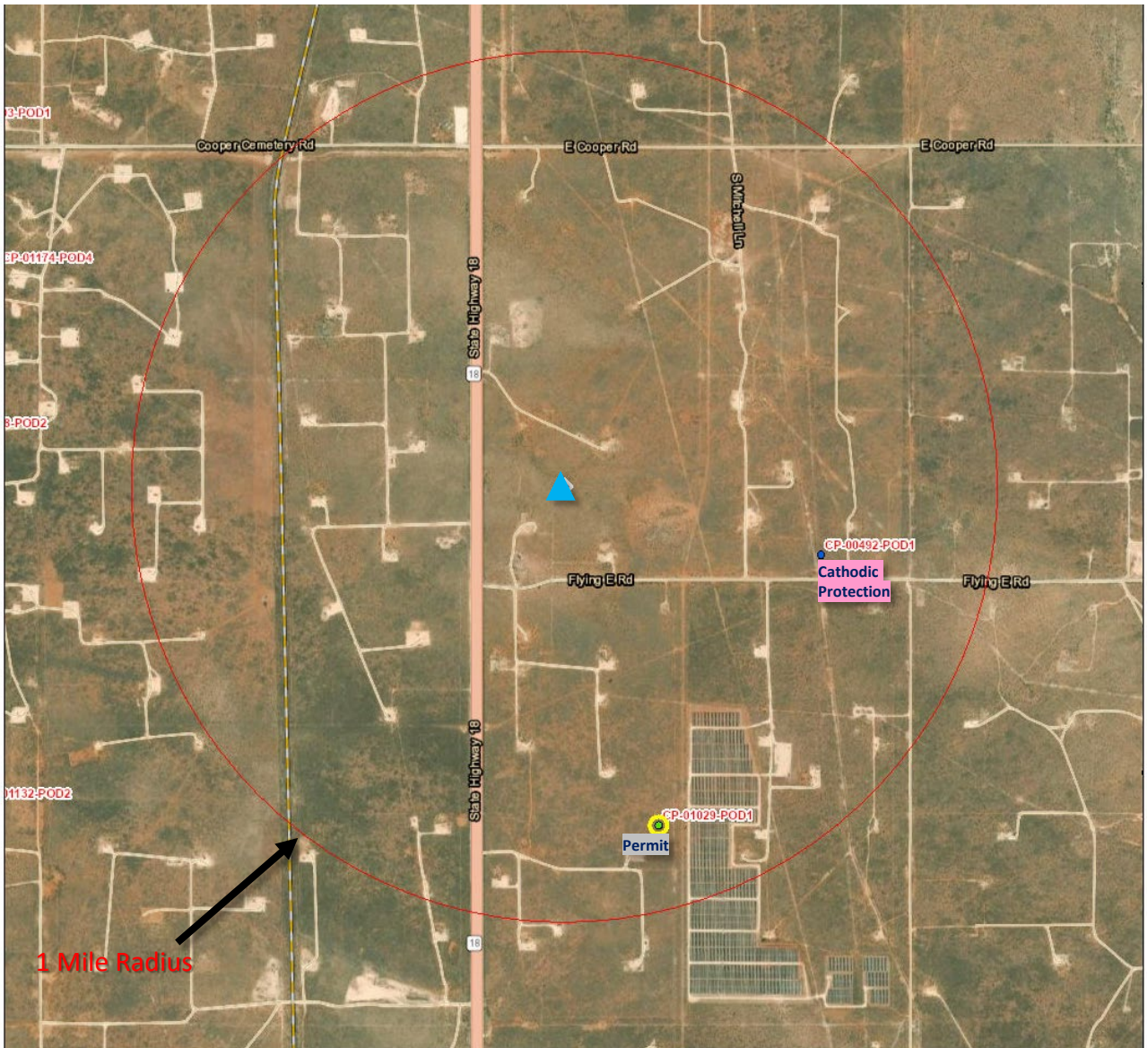
12/1/22 1:31 PM

WATER COLUMN/ AVERAGE DEPTH TO WATER

API NUMBER: 30-025-TBD
Well: FLUOR HARRISON #2
Location: Twn 24S Rge 37E Sec 20
Footages: 1158 FSL 1136 FWL
County: Lea

XI. Exhibit D6a

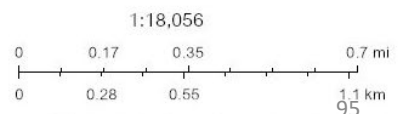
Location For Office of the State Engineer:
NAD 1983 UTM Zone 13
Easting (X): **670630.491** mtrs
Northing (Y): **3563907.378** mtrs



12/1/2022, 2:39:35 PM ▲ C-108 Injector
GIS WATERS PODs

- ◆ Active
- ◆ Pending

Site Boundaries



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API NUMBER: 30-025-TBD
 Well: FLUOR HARRISON #2
 Location: Twn 24S Rge 37E Sec 20
 Footages: 1158 FSL 1136 FWL
 County: Lea

XI. Exhibit D6b

Location For Office of the State Engineer:
 NAD 1983 UTM Zone 13
 Easting (X): 670630.491 mtrs
 Northing (Y): 3563907.378 mtrs

Water Wells Within 1 Mile Radius
**** 1 Location ****



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 | Q | Q | Sec | Tws | Rng | X | Y | Distance | DepthWell | DepthWater | Water Column |
|-------------------------------|---------------------|---------------|--------|---|---|---|-----|-----|-----|--------|----------|----------|-----------|------------|--------------|
| CP 00492 POD1 | Catholic Protection | CP | LE | 3 | 4 | 4 | 20 | 24S | 37E | 671592 | 3563671* | 990 | 500 | | |

Average Depth to Water: --
 Minimum Depth: --
 Maximum Depth: --

Record Count: 1

Basin/County Search:

Basin: Capitan County: Lea

UTMNAD83 Radius Search (in meters):

Easting (X): 670630.491 Northing (Y): 3563907.378 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.

12/1/22 1:38 PM

WATER COLUMN/ AVERAGE DEPTH TO WATER

API NUMBER: 30-025-TBD

Well: KIMMY #5

Location: Twn 24S Rge 37E Sec 29

Footages: 201 FNL 1120 FWL

County: Lea

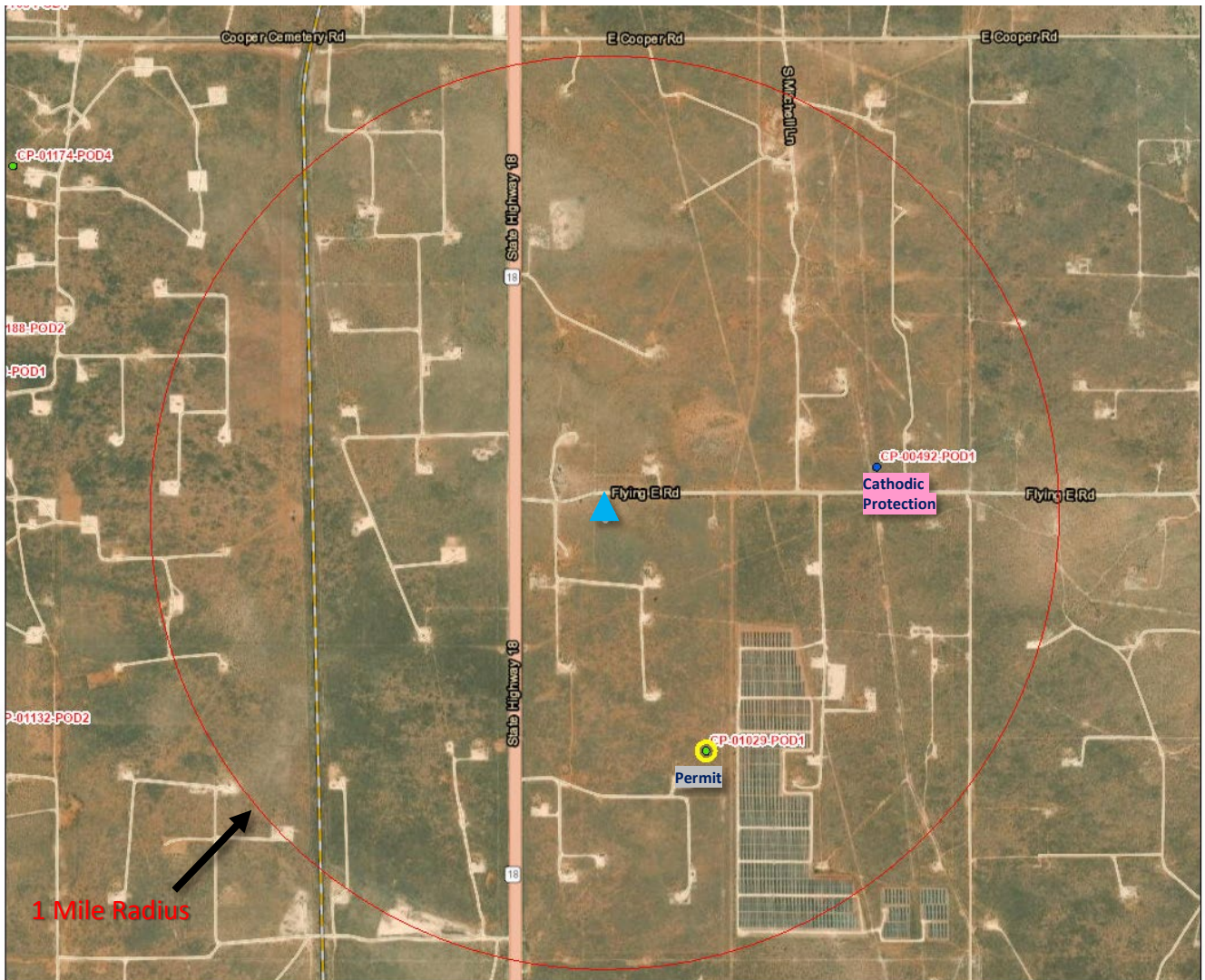
XI. Exhibit D7a

Location For Office of the State Engineer:

NAD 1983 UTM Zone 13

Easting (X): **670633.014** mtrs

Northing (Y): **3563493.191** mtrs

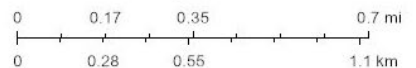


12/1/2022, 3:20:29 PM
GIS WATERS PODs

▲ C-108 Injector

- Active
- Pending
- SiteBoundaries

1:18,056



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API NUMBER: 30-025-TBD
 Well: KIMMY #5
 Location: Twn 24S Rge 37E Sec 29
 Footages: 201 FNL 1120 FWL
 County: Lea

XI. Exhibit D7b

Location For Office of the State Engineer:
 NAD 1983 UTM Zone 13
 Easting (X): **670633.014** mtrs
 Northing (Y): **3563493.191** mtrs

Water Wells Within 1 Mile Radius

**** 1 Location ****



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 | Q | Q | Sec | Tws | Rng | X | Y | Distance | DepthWell | DepthWater | Water Column |
|--------------------------------------|---------------------|---------------|--------|---|---|---|-----|-----|-----|--------|----------|----------|-----------|------------|--------------|
| CP 00492 POD1 | Catholic Protection | CP | LE | 3 | 4 | 4 | 20 | 24S | 37E | 671592 | 3563671* | 975 | 500 | | |

Average Depth to Water: --
 Minimum Depth: --
 Maximum Depth: --

Record Count: 1

Basin/County Search:

Basin: Capitan **County:** Lea

UTMNAD83 Radius Search (in meters):

Easting (X): 670633 **Northing (Y):** 3563493.191 **Radius:** 1609.3

*UTM location was derived from PLSS - see Help

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12/1/22 2:19 PM

WATER COLUMN/ AVERAGE DEPTH TO WATER

API NUMBER: 30-025-TBD

Well: KIMMY #6

Location: Twn 24S Rge 37E Sec 29

Footages: 1085 FSL 1299 FWL

County: Lea

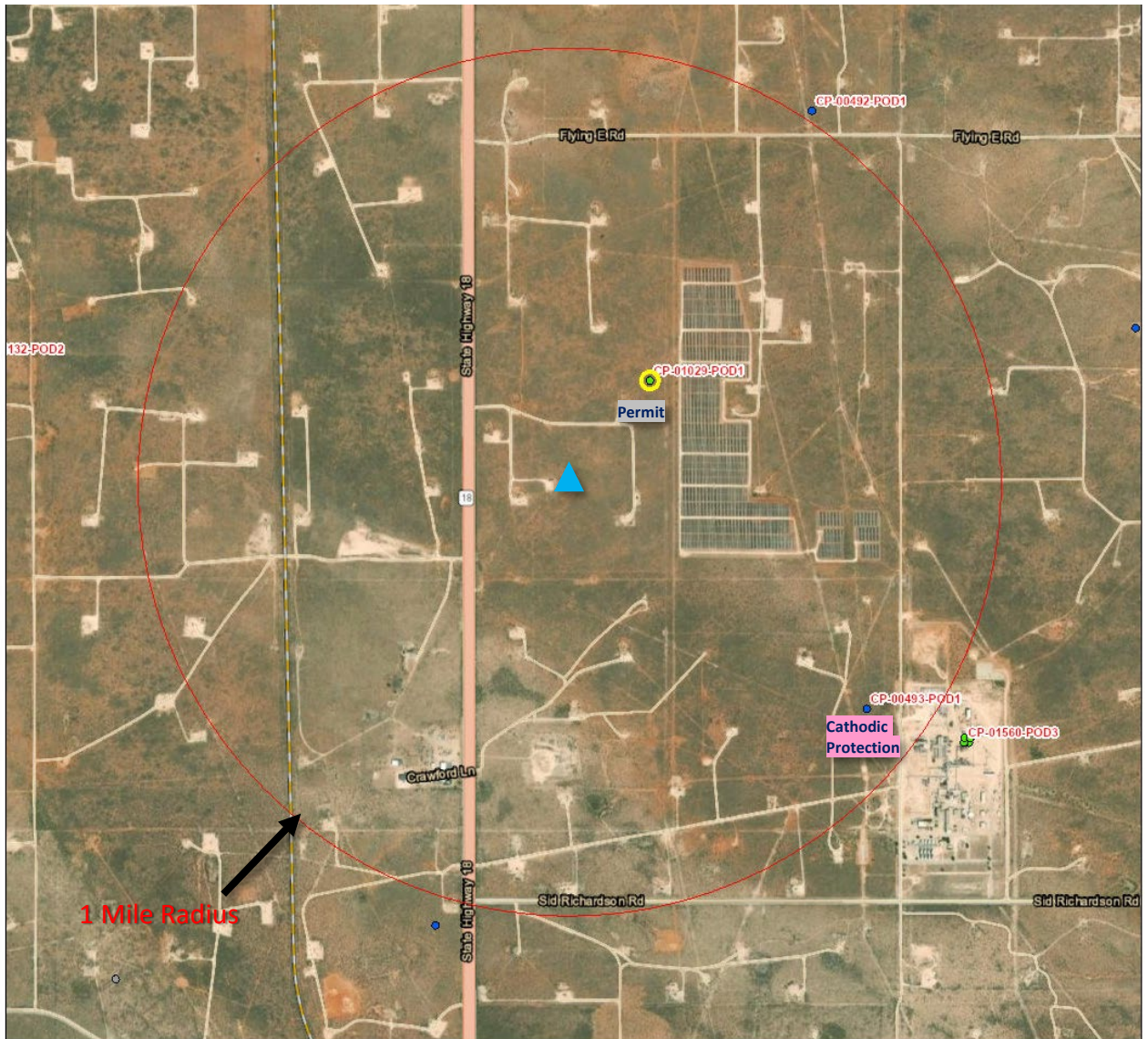
XI. Exhibit D8a

Location For Office of the State Engineer:

NAD 1983 UTM Zone 13

Easting (X): 670709.457 mtrs

Northing (Y): 3562280.556 mtrs



12/1/2022, 3:37:39 PM

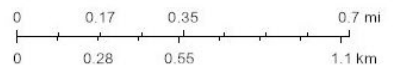
GIS WATERS PODs

- Active
- Pending
- Incomplete

Site Boundaries

▲ C-108 Injector

1:18,056



Esri, HERE, GeoTechnologies, Inc., Esri, HERE, Garmin, GeoTechnologies, Inc., U.S. Department of Energy Office of Legacy Management, Maxar

API NUMBER: 30-025-TBD
 Well: KIMMY #6
 Location: Twn 24S Rge 37E Sec 29
 Footages: 1085 FSL 1299 FWL
 County: Lea

XI. Exhibit D8b

Location For Office of the State Engineer:
 NAD 1983 UTM Zone 13
 Easting (X): **670709.457** mtrs
 Northing (Y): **3562280.556** mtrs

Water Wells Within 1 Mile Radius
**** 1 Location ****



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 00493 POD1 | Catholic Protection | CP | LE | 2 | 4 | 2 | 32 | 24S | 37E | 671834 | 3561458* | 1393 | 500 | | |

Average Depth to Water: --
 Minimum Depth: --
 Maximum Depth: --

Record Count: 1

Basin/County Search:

Basin: Capitan **County:** Lea

UTMNAD83 Radius Search (in meters):

Easting (X): 670709.457 **Northing (Y):** 3562280.556 **Radius:** 1609.3

*UTM location was derived from PLS - see Help

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12/1/22 2:40 PM

WATER COLUMN/ AVERAGE DEPTH TO WATER

API NUMBER: 30-025-TBD

Well: JACK B 30 #5

Location: Twn 24S Rge 37E Sec 30

Footages: 1030 FNL 1416 FEL

County: Lea

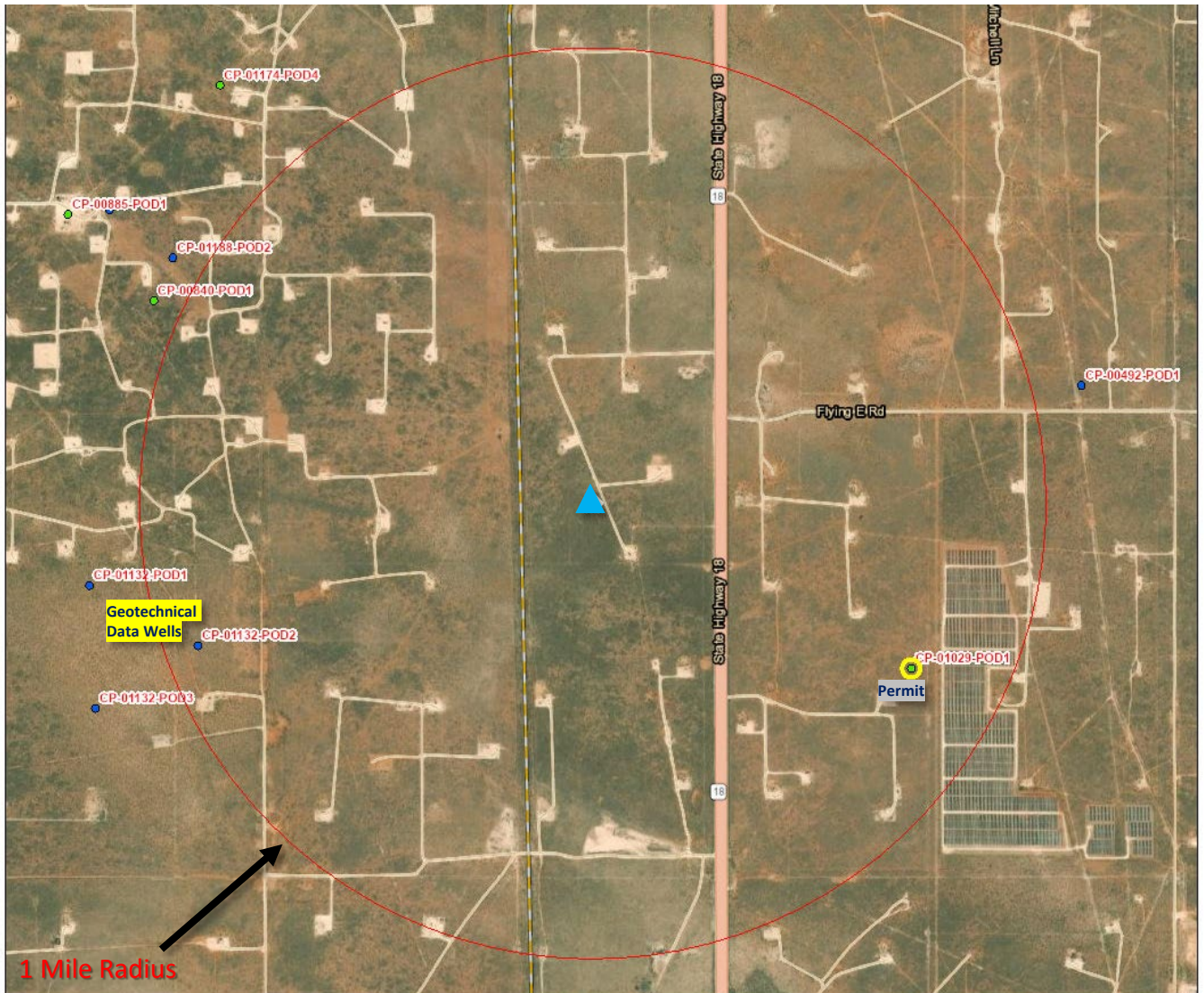
XI. Exhibit D9a

Location For Office of the State Engineer:

NAD 1983 UTM Zone 13

Easting (X): 669864.884 mtrs

Northing (Y): 3563226.229 mtrs

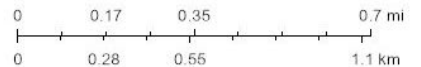


12/1/2022, 3:58:00 PM
GIS WATERS PODs

▲ C-108 Injector

- Active
- Pending
- Site Boundaries

1:18,056



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API NUMBER: 30-025-TBD
 Well: JACK B 30 #5
 Location: TwN 24S Rge 37E Sec 30
 Footages: 1030 FNL 1416 FEL
 County: Lea

XI. Exhibit D9b

Location For Office of the State Engineer:
 NAD 1983 UTM Zone 13
 Easting (X): **669864.884** mtrs
 Northing (Y): **3563226.229** mtrs

Water Wells Within 1 Mile Radius

**** 0 Active Locations ****



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 25 | TwS 24S | Rng 36E | X | Y | Distance | DepthWell | DepthWater | Water Column |
|--------------------------------------|---|---------------|--------|------|------|-----|--------|---------|---------|--------|---------|-------------------------|-----------|------------|--------------|
| CP 01132 POD2 | Non Water Bearing Geotechnical Data Well | CP | LE | 1 | 2 | 4 | 25 | 24S | 36E | 668471 | 3562698 | 1490 | 100 | | |
| | | | | | | | | | | | | Average Depth to Water: | | | -- |
| | | | | | | | | | | | | Minimum Depth: | | | -- |
| | | | | | | | | | | | | Maximum Depth: | | | -- |

Record Count: 1

Basin/County Search:

Basin: Capitan

County: Lea

UTMNAD83 Radius Search (in meters):

Easting (X): 669864.884

Northing (Y): 3563226.229

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.

12/1/22 2:57 PM

WATER COLUMN/ AVERAGE DEPTH TO WATER

API NUMBER: 30-025-TBD

Well: JACK B 30 #6

Location: Twn 24S Rge 37E Sec 30

Footages: 1348 FNL 250 FEL

County: Lea

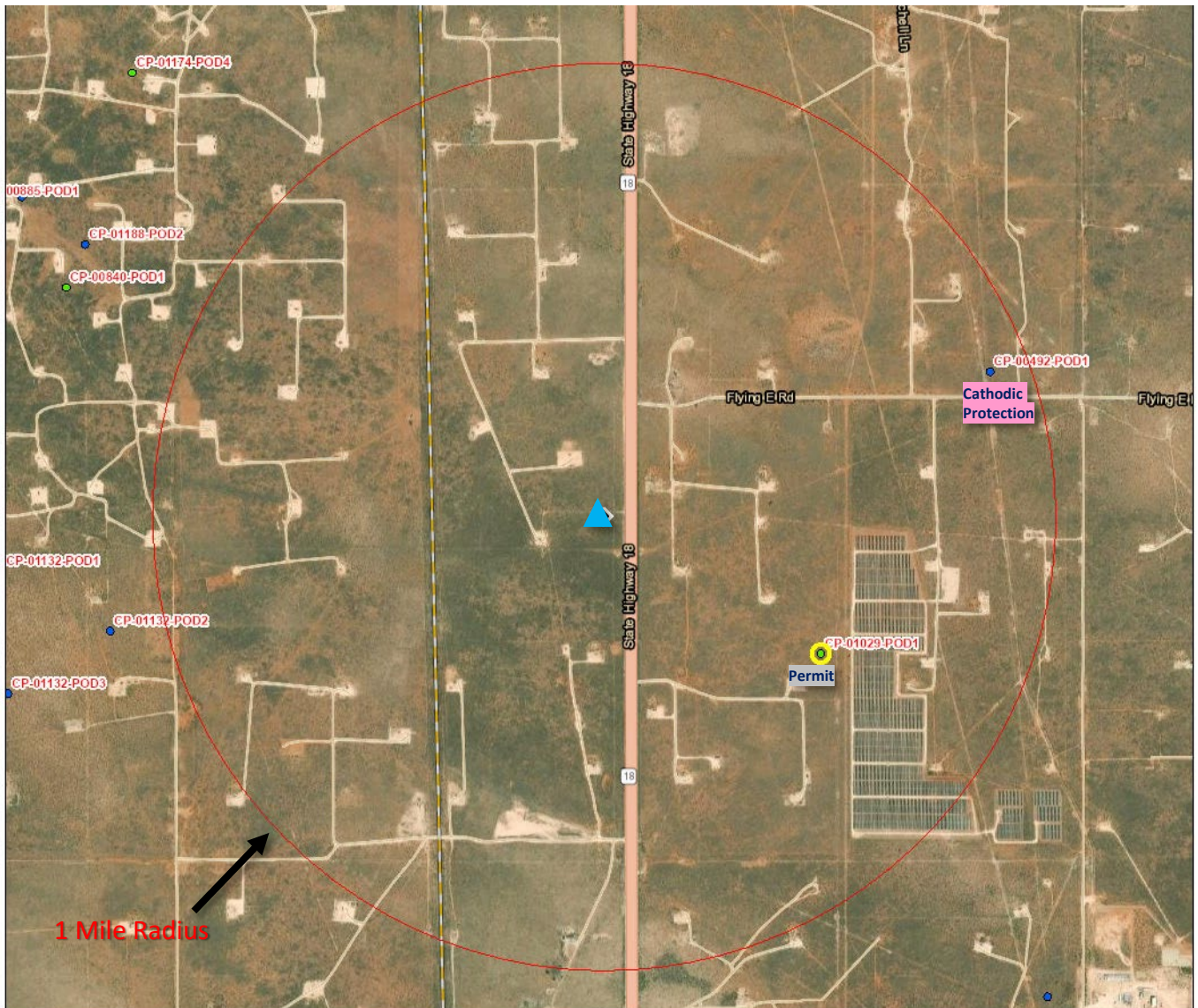
XI. Exhibit D10a

Location For Office of the State Engineer:

NAD 1983 UTM Zone 13

Easting (X): **670221.742** mtrs

Northing (Y): **3563135.617** mtrs

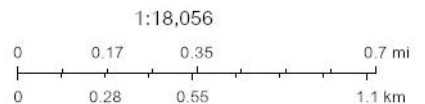


12/1/2022, 4:03:44 PM
GIS WATERS PODs

▲ C-108 Injector

- Active
- Pending

Site Boundaries



API NUMBER: 30-025-TBD
 Well: JACK B 30 #6
 Location: TwN 24S Rge 37E Sec 30
 Footages: 1348 FNL 250 FEL
 County: Lea

XI. Exhibit D10b

Location For Office of the State Engineer:
 NAD 1983 UTM Zone 13
 Easting (X): **670221.742** mtrs
 Northing (Y): **3563135.617** mtrs

Water Wells Within 1 Mile Radius

**** 1 Location ****



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 | Q | Q | Sec | Tw | Rng | X | Y | Distance | DepthWell | DepthWater | Water Column |
|--------------------------------------|----------------------------|---------------|--------|---|---|---|-----|-----|-----|--------|----------|----------|-----------|------------|--------------|
| CP 00492 POD1 | Catholic Protection | CP | LE | 3 | 4 | 4 | 20 | 24S | 37E | 671592 | 3563671* | 1471 | 500 | | |

Average Depth to Water: --
 Minimum Depth: --
 Maximum Depth: --

Record Count: 1

Basin/County Search:

Basin: Capitan **County:** Lea

UTM NAD83 Radius Search (in meters):

Easting (X): 670221.742 **Northing (Y):** 3563135.617 **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.

12/1/22 3:01 PM

WATER COLUMN/ AVERAGE DEPTH TO WATER.

API NUMBER: 30-025-TBD

Well: JACK B 30 #7

Location: Twn 24S Rge 37E Sec 30

Footages: 2320 FNL 248 FEL

County: Lea

XI. Exhibit D11a

Location For Office of the State Engineer:

NAD 1983 UTM Zone 13

Easting (X): **670227.583** mtrs

Northing (Y): **3562839.280** mtrs



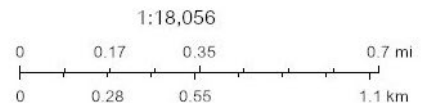
12/1/2022, 4:20:56 PM

GIS WATERS PODs

▲ C-108 Injector

- Active
- Pending

SiteBoundaries



Esri, HERE, GeoTechnologies, Inc., Esri, HERE, Garmin, GeoTechnologies, Inc., U.S. Department of Energy Office of Legacy Management, Maxar

API NUMBER: 30-025-TBD
 Well: JACK B 30 #7
 Location: Twn 24S Rge 37E Sec 30
 Footages: 2320 FNL 248 FEL
 County: Lea

XI. Exhibit D11b

Location For Office of the State Engineer:
 NAD 1983 UTM Zone 13
 Easting (X): **670227.583** mtrs
 Northing (Y): **3562839.280** mtrs

Water Wells Within 1 Mile Radius

**** 1 Location ****



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 20 | Tws 24S | Rng 37E | X | Y | Distance | DepthWell | DepthWater | Water Column |
|--------------------------------------|---------------------|---------------|--------|------|------|-----|--------|---------|---------|--------|----------|----------|-----------|------------|--------------|
| CP 00492 POD1 | Catholic Protection | CP | LE | 3 | 4 | 4 | 20 | 24S | 37E | 671592 | 3563671* | 1597 | 500 | | |

Average Depth to Water: --
 Minimum Depth: --
 Maximum Depth: --

Record Count: 1

Basin/County Search:

Basin: Capitan **County:** Lea

UTMNAD83 Radius Search (in meters):

Easting (X): 670227.583 **Northing (Y):** 3562839.28 **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.

12/1/22 3:06 PM

WATER COLUMN/ AVERAGE DEPTH TO WATER

API NUMBER: 30-025-TBD

XI. Exhibit D12a

Well: JACK B 30 #8

Location: Twn 24S Rge 37E Sec 30

Footages: 2523 FNL 1340 FEL

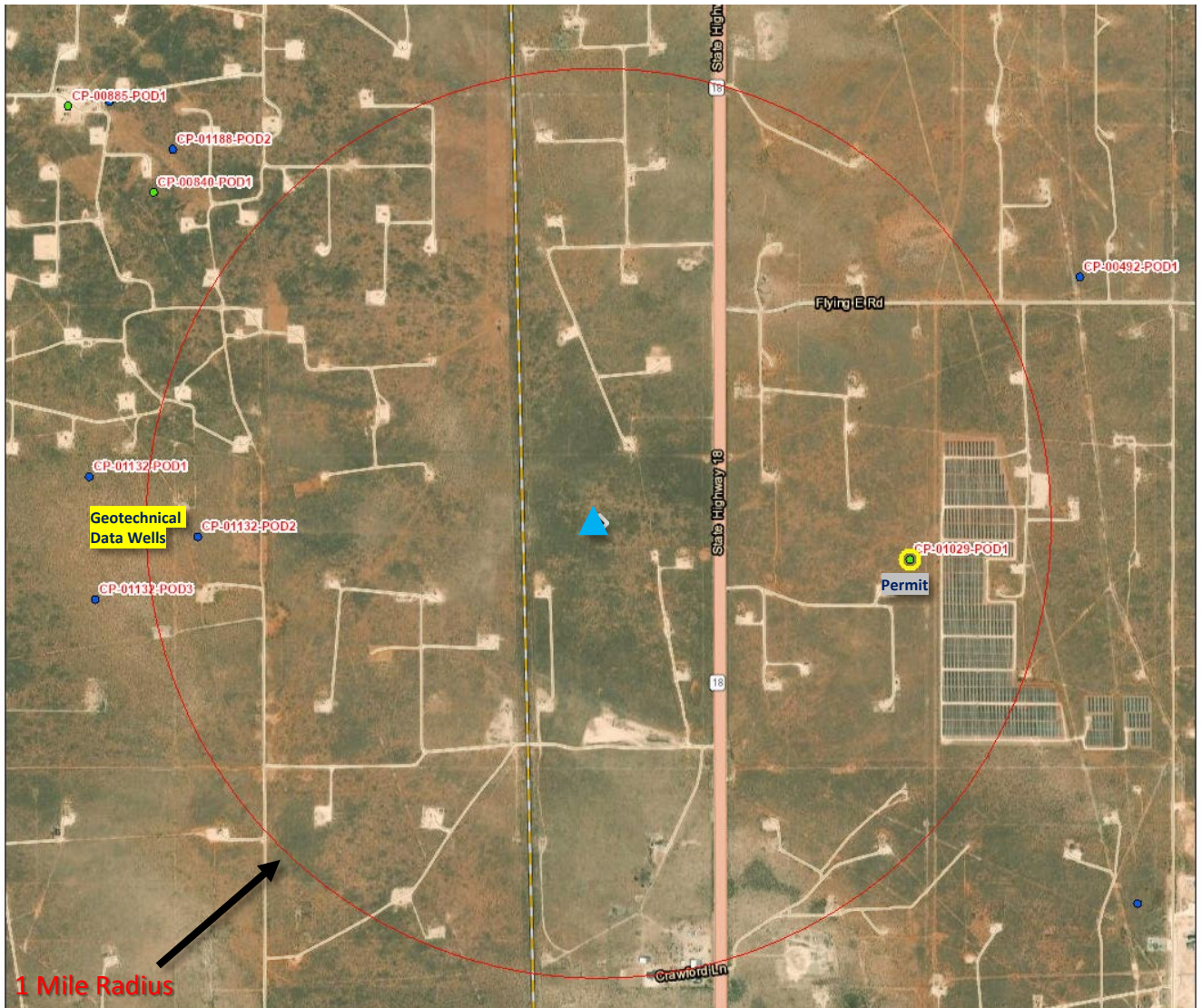
County: Lea

Location For Office of the State Engineer:

NAD 1983 UTM Zone 13

Easting (X): 669896.095 mtrs

Northing (Y): 3562771.591 mtrs

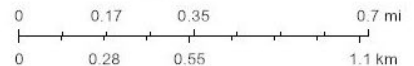


12/1/2022, 4:27:00 PM
GIS WATERS PODs

▲ C-108 Injector

- Active
- Pending
- ▭ SiteBoundaries

1:18,056



Esri, HERE, GeoTechnologies, Inc., Esri, HERE, Garmin, GeoTechnologies, Inc., U.S. Department of Energy, Office of Legacy Management, Maxar

API NUMBER: 30-025-TBD
 Well: JACK B 30 #8
 Location: TwN 24S Rge 37E Sec 30
 Footages: 2523 FNL 1340 FEL
 County: Lea

XI. Exhibit D12b

Location For Office of the State Engineer:
 NAD 1983 UTM Zone 13
 Easting (X): **669896.095** mtrs
 Northing (Y): **3562771.591** mtrs

Water Wells Within 1 Mile Radius

**** 0 Active Locations ****



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 25 | TwS 24S | Rng 36E | X | Y | Distance | DepthWell | DepthWater | Water Column |
|-------------------------------------|---|---------------|--------|------|------|-----|--------|---------|---------|--------|---------|----------|-------------------------|------------|--------------|
| CP01132 POD2 | Non Water Bearing Geotechnical Data Well | CP | LE | 1 | 2 | 4 | 25 | 24S | 36E | 668471 | 3562698 | 1426 | 100 | | |
| | | | | | | | | | | | | | Average Depth to Water: | -- | |
| | | | | | | | | | | | | | Minimum Depth: | -- | |
| | | | | | | | | | | | | | Maximum Depth: | -- | |

Record Count: 1

Basin/County Search:

Basin: Capitan **County:** Lea

UTMNAD83 Radius Search (in meters):

Easting (X): 669896 **Northing (Y):** 3562771.591 **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.

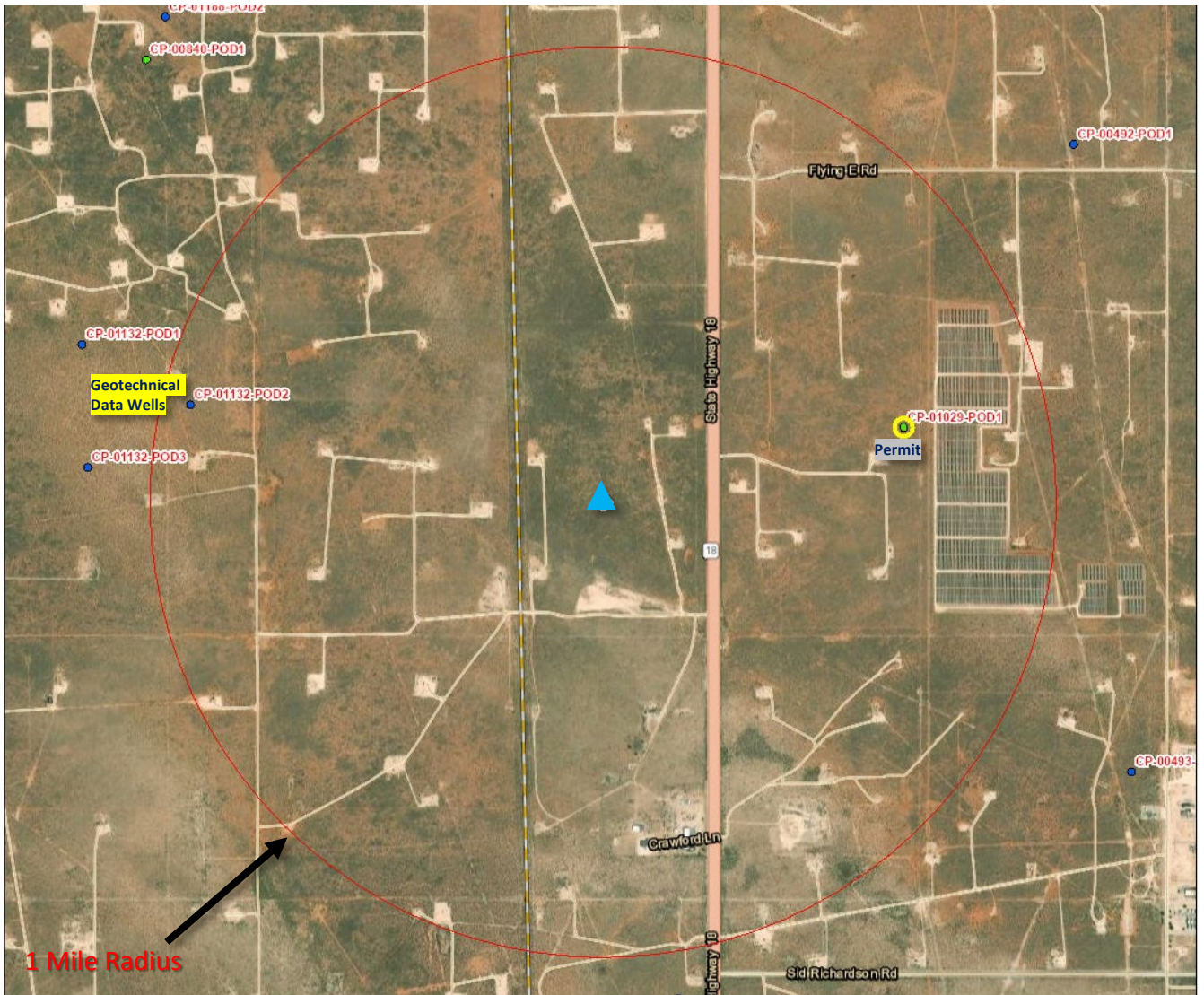
12/1/22 3:27 PM

WATER COLUMN/ AVERAGE DEPTH TO WATER.

API NUMBER: 30-025-TBD
Well: C D WOOLWORTH #12
Location: Twn 24S Rge 37E Sec 30
Footages: 1461 FSL 1210 FEL
County: Lea

XI. Exhibit D13a

Location For Office of the State Engineer:
NAD 1983 UTM Zone 13
Easting (X): 669942.824 mtrs
Northing (Y): 3562379.681 mtrs



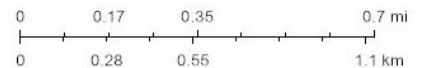
12/1/2022, 4:35:35 PM

▲ C-108 Injector

GIS WATERS PODs

- Active
- Pending
- SiteBoundaries

1:18,056



Esri, HERE, GeoTechnologies, Inc., Esri, HERE, Garmin, GeoTechnologies, Inc., U.S. Department of Energy Office of Legacy Management, Maxar

API NUMBER: 30-025-TBD
 Well: C D WOOLWORTH #12
 Location: Twn 24S Rge 37E Sec 30
 Footages: 1461 FSL 1210 FEL
 County: Lea

XI. Exhibit D13b

Location For Office of the State Engineer:
 NAD 1983 UTM Zone 13
 Easting (X): 669942.824 mtrs
 Northing (Y): 3562379.681 mtrs

Water Wells Within 1 Mile Radius

**** 0 Active Locations ****



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 25 | Tws 24S | Rng 36E | X | Y | Distance | Depth Well | Depth Water | Water Column |
|--------------------------------------|---|---------------|--------|------|------|-----|--------|---------|---------|--------|---------|-------------------------|------------|-------------|--------------|
| CP 01132 POD2 | Non Water Bearing Geotechnical Data Well | CP | LE | 1 | 2 | 4 | 25 | 24S | 36E | 668471 | 3562698 | 1506 | 100 | | |
| | | | | | | | | | | | | Average Depth to Water: | | | -- |
| | | | | | | | | | | | | Minimum Depth: | | | -- |
| | | | | | | | | | | | | Maximum Depth: | | | -- |

Record Count: 1

Basin/County Search:

Basin: Capitan

County: Lea

UTM NAD83 Radius Search (in meters):

Easting (X): 669942.824

Northing (Y): 3562379.681

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.

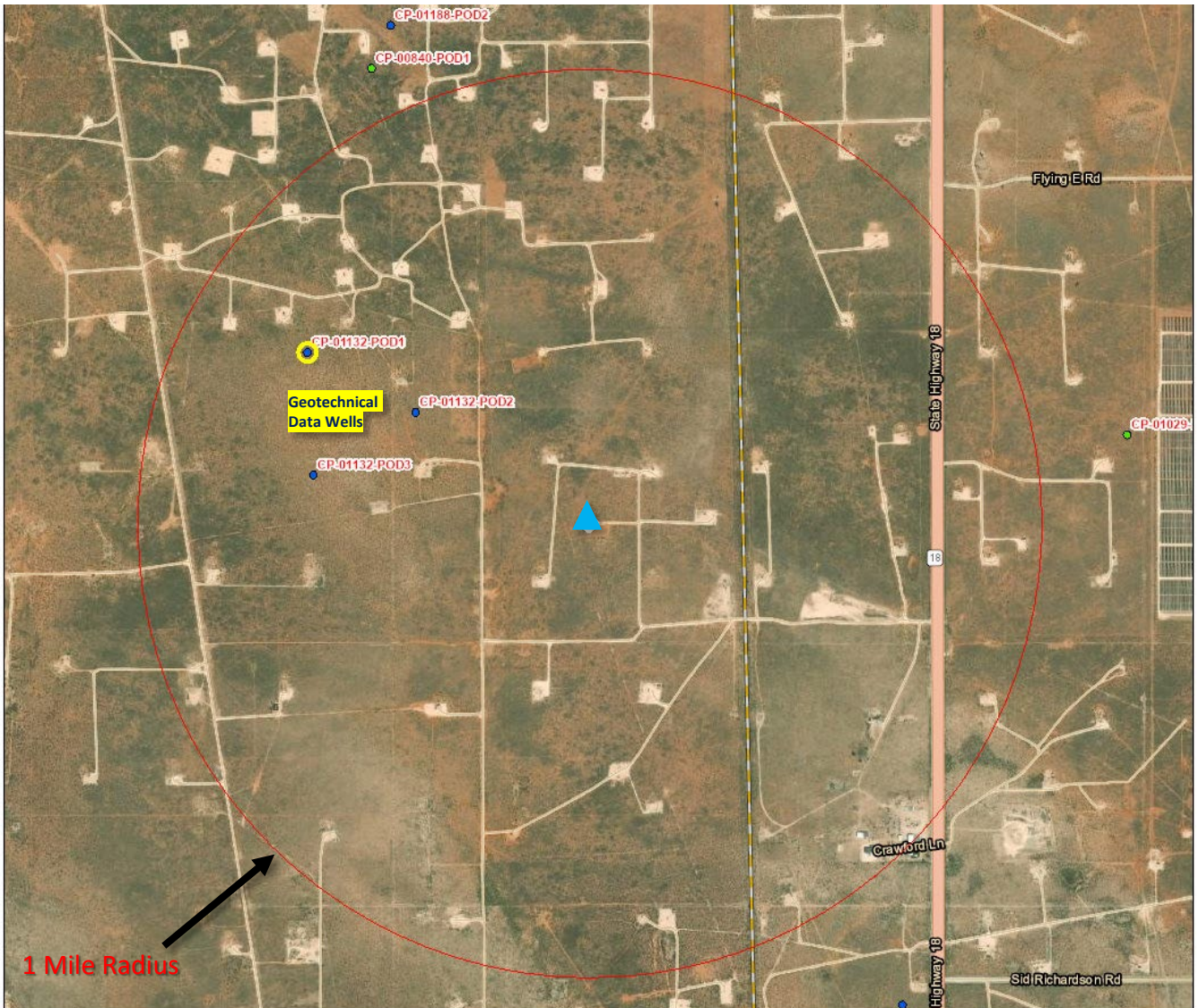
12/1/22 3:34 PM

WATER COLUMN/AVERAGE DEPTH TO WATER

API NUMBER: 30-025-TBD
Well: C D WOOLWORTH #13
Location: Twn 24S Rge 37E Sec 30
Footages: 1323 FSL 1212 FWL
County: Lea

XI. Exhibit D14a

Location For Office of the State Engineer:
NAD 1983 UTM Zone 13
Easting (X): 669094.427 mtrs
Northing (Y): 3562316.157 mtrs

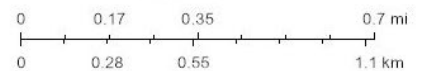


12/1/2022, 4:40:09 PM
GIS WATERS PODs

- Active
- Pending
- Site Boundaries

▲ C-108 Injector

1:18,056



Esri, HERE, GeoTechnologies, Inc., Esri, HERE, Garmin, GeoTechnologies, Inc., U.S. Department of Energy Office of Legacy Management, Maxar

API NUMBER: 30-025-TBD
 Well: C D WOOLWORTH #13
 Location: Twn 24S Rge 37E Sec 30
 Footages: 1323 FSL 1212 FWL
 County: Lea

XI. Exhibit D14b

Location For Office of the State Engineer:
 NAD 1983 UTM Zone 13
 Easting (X): 669094.427 mtrs
 Northing (Y): 3562316.157 mtrs

Water Wells Within 1 Mile Radius

**** 0 Active Locations ****



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 25 | Tws 24S | Rng 36E | X | Y | Distance | Depth | WellDepth | Water Column |
|-------------------------------|---|---------------|--------|------|------|-----|--------|---------|---------|--------|---------|----------|-------|-----------|--------------|
| CP.01132.POD2 | | CP | LE | 1 | 2 | 4 | 25 | 24S | 36E | 668471 | 3562698 | 731 | 100 | | |
| CP.01132.POD3 | Non Water Bearing Geotechnical Data Wells | CP | LE | 3 | 1 | 4 | 25 | 24S | 36E | 668111 | 3562471 | 995 | 100 | | |
| CP.01132.POD1 | | CP | LE | 1 | 3 | 2 | 25 | 24S | 36E | 668082 | 3562905 | 1170 | 100 | | |

Average Depth to Water: --

Minimum Depth: --

Maximum Depth: --

Record Count: 3

Basin/County Search:

Basin: Capitan

County: Lea

UTMNAD83 Radius Search (in meters):

Easting (X): 669094.427

Northing (Y): 3562316.157

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.

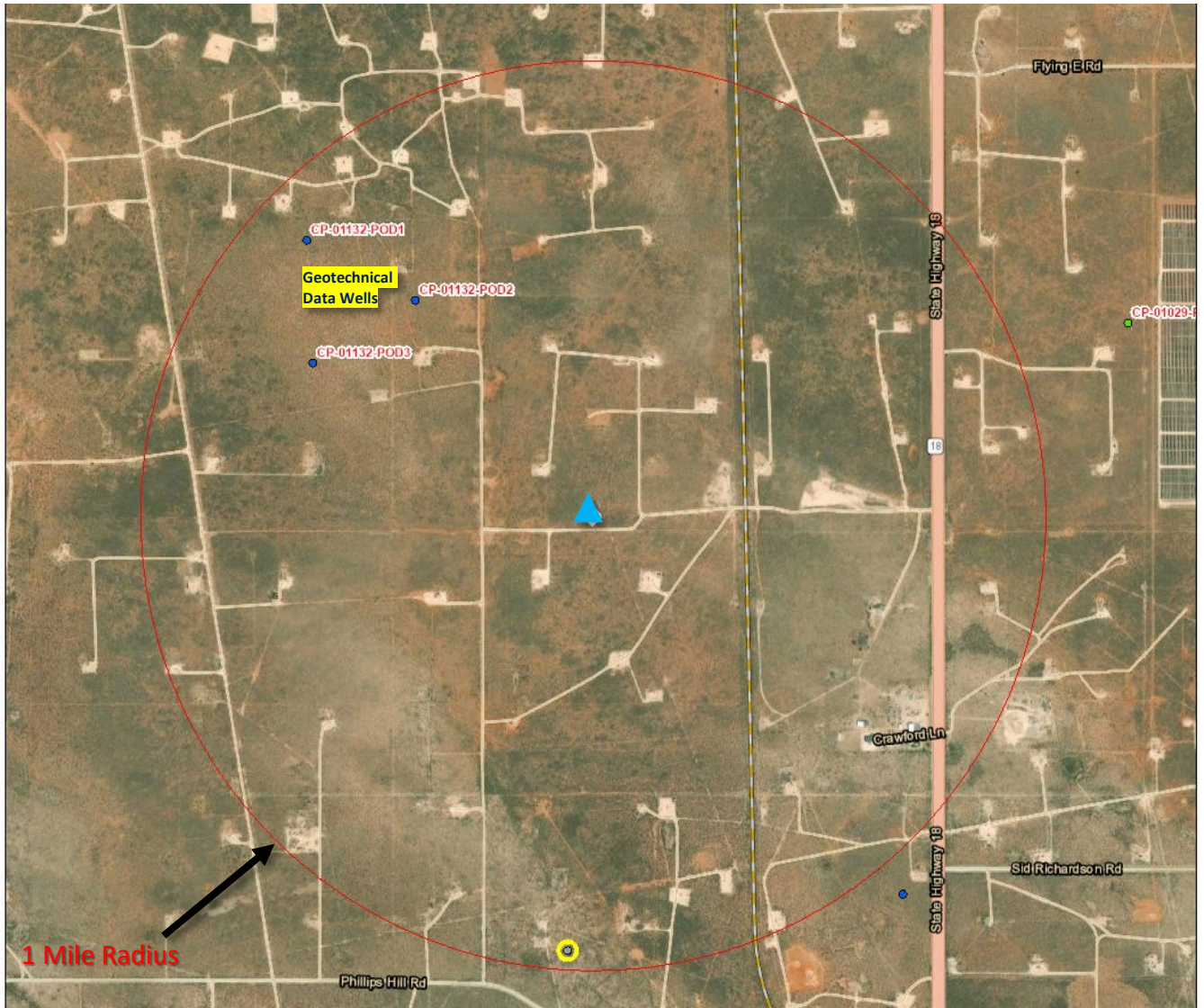
12/1/22 3:39 PM

WATER COLUMN/ AVERAGE DEPTH TO WATER.

API NUMBER: 30-025-TBD
Well: C D WOOLWORTH #14
Location: Twn 24S Rge 37E Sec 30
Footages: 109 FSL 1249 FWL
County: Lea

XI. Exhibit D15a

Location For Office of the State Engineer:
NAD 1983 UTM Zone 13
Easting (X): 669112.091 mtrs
Northing (Y): 3561946.806 mtrs



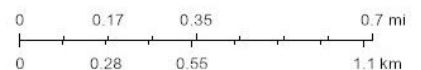
12/1/2022, 4:46:47 PM

▲ C-108 Injector

GIS WATERS PODs

- Active
- Pending
- Incomplete

1:18,056



Esri, HERE, GeoTechnologies, Inc., Esri, HERE, Garmin, GeoTechnologies, Inc., U.S. Department of Energy Office of Legacy Management, Maxar

API NUMBER: 30-025-TBD
 Well: C D WOOLWORTH #14
 Location: TwN 24S Rge 37E Sec 30
 Footages: 109 FSL 1249 FWL
 County: Lea

XI. Exhibit D15b

Location For Office of the State Engineer:
 NAD 1983 UTM Zone 13
 Easting (X): 669112.091 mtrs
 Northing (Y): 3561946.806 mtrs

Water Wells Within 1 Mile Radius

**** 0 Active Locations ****



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 25 | TwS 24S | Rng 36E | X | Y | Distance | Depth | WellDepth | Water Column |
|-------------------------------|---|---------------|--------|------|------|-----|--------|---------|---------|--------|---------|----------|-------|-----------|--------------|
| CP.01132.POD2 | | CP | LE | 1 | 2 | 4 | 25 | 24S | 36E | 668471 | 3562698 | 988 | 100 | | |
| CP.01132.POD3 | } Non Water Bearing Geotechnical Data Wells | CP | LE | 3 | 1 | 4 | 25 | 24S | 36E | 668111 | 3562471 | 1130 | 100 | | |
| CP.01132.POD1 | | CP | LE | 1 | 3 | 2 | 25 | 24S | 36E | 668082 | 3562905 | 1406 | 100 | | |

Average Depth to Water: --

Minimum Depth: --

Maximum Depth: --

Record Count: 3

Basin/County Search:

Basin: Capitan

County: Lea

UTMNAD83 Radius Search (in meters):

Easting (X): 669112

Northing (Y): 3561946.806

Radius: 1609.3

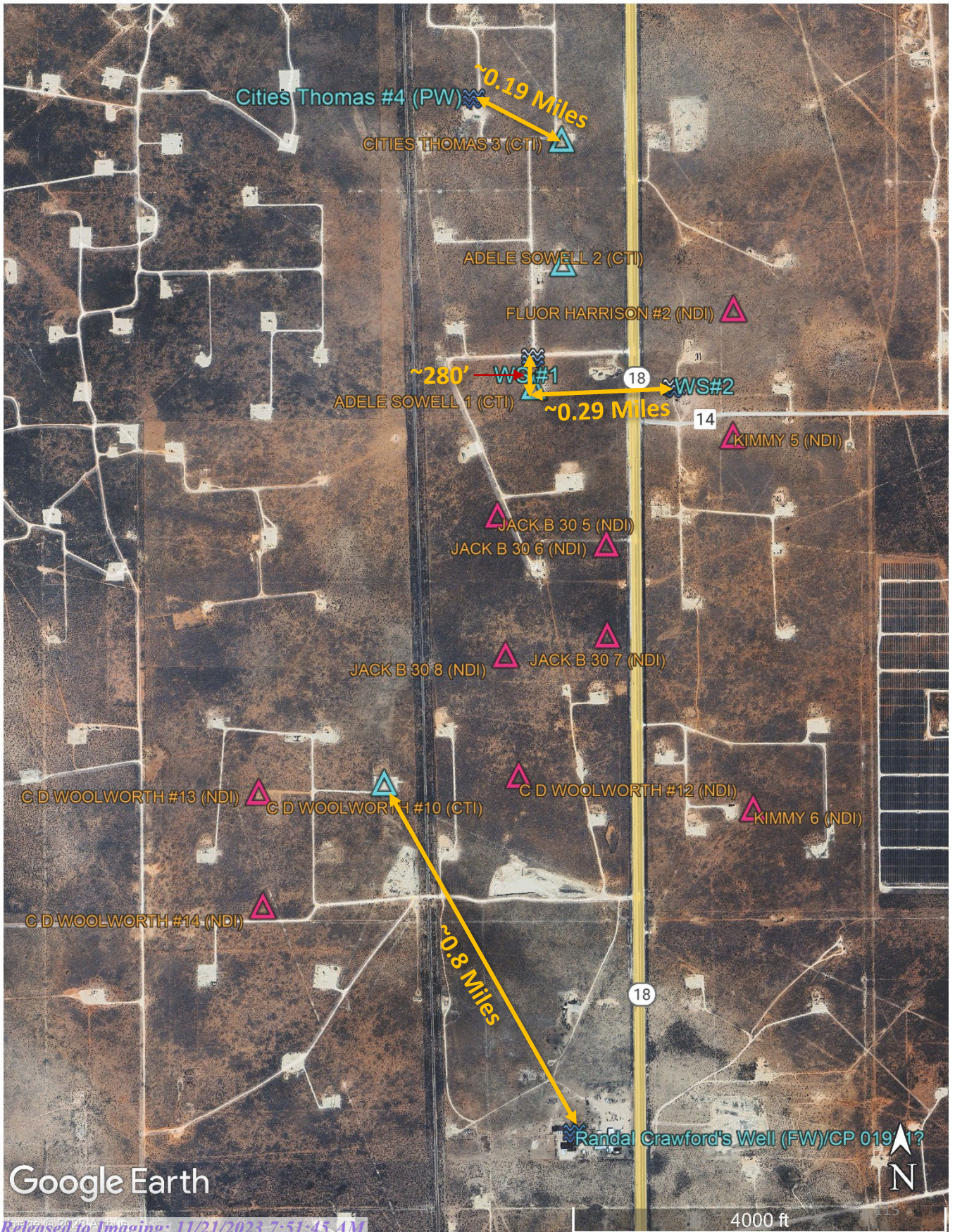
The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

12/1/22 3:45 PM

WATER COLUMN/ AVERAGE DEPTH TO WATER.

Water Sample Location Map

XI. Exhibit E1



Google Earth

4000 ft

XI. Exhibit E2



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

October 11, 2021

JAMES MARTINEZ

FORTY ACRES ENERGY

11777 KATY FREEWAY STE. 305 B

HOUSTON, TX 77079

RE: NORTH OF JAL NM

Enclosed are the results of analyses for samples received by the laboratory on 10/07/21 13:00.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-21-14. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

| | |
|------------------|------------------------------|
| Method EPA 552.2 | Haloacetic Acids (HAA-5) |
| Method EPA 524.2 | Total Trihalomethanes (TTHM) |
| Method EPA 524.4 | Regulated VOCs (V1, V2, V3) |

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style.

Celey D. Keene

Lab Director/Quality Manager

XI. Exhibit E2



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

Analytical Results For:

FORTY ACRES ENERGY
 JAMES MARTINEZ
 11777 KATY FREEWAY STE. 305 B
 HOUSTON TX, 77079
 Fax To:

| | | | |
|-------------------|-----------------|---------------------|----------------|
| Received: | 10/07/2021 | Sampling Date: | 10/06/2021 |
| Reported: | 10/11/2021 | Sampling Type: | Water |
| Project Name: | NORTH OF JAL NM | Sampling Condition: | ** (See Notes) |
| Project Number: | NONE GIVEN | Sample Received By: | Jodi Henson |
| Project Location: | NOT GIVEN | | |

Sample ID: SOUTH OF ADELE SOWELL # 1 (H212799-01) WS #1 WGS84 Location: 32.197060, -103.196730

| Chloride, SM4500Cl-B | | mg/L | | Analyzed By: GM | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride* | 372 | 4.00 | 10/08/2021 | ND | 100 | 100 | 100 | 0.00 | |
| TDS 160.1 | | mg/L | | Analyzed By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| TDS* | 1070 | 5.00 | 10/11/2021 | ND | 252 | 84.0 | 300 | 0.278 | |

Sample ID: EAST OF ADELE SOWELL # 1 (H212799-02) WS #2 WGS84 Location: 32.196149, -103.191839

| Chloride, SM4500Cl-B | | mg/L | | Analyzed By: GM | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride* | 160 | 4.00 | 10/08/2021 | ND | 100 | 100 | 100 | 0.00 | |
| TDS 160.1 | | mg/L | | Analyzed By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| TDS* | 809 | 5.00 | 10/11/2021 | ND | 252 | 84.0 | 300 | 0.278 | |

Sample ID: CITI THOMAS # 4 PW (H212799-03) WGS84 Location: 32.204713, -103.198731

| Chloride, SM4500Cl-B | | mg/L | | Analyzed By: GM | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride* | 35000 | 4.00 | 10/08/2021 | ND | 100 | 100 | 100 | 0.00 | |
| TDS 160.1 | | mg/L | | Analyzed By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| TDS* | 64600 | 5.00 | 10/11/2021 | ND | 252 | 84.0 | 300 | 0.278 | |

Cardinal Laboratories

* = Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits, incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relative only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager

XI. Exhibit E2



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

Notes and Definitions

- ND Analyte NOT DETECTED at or above the reporting limit.
- RPD Relative Percent Difference
- ** Samples not received at proper temperature of 6°C or below.
- *** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
- Samples reported on an as received basis (wet) unless otherwise noted on report.

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

XI. Exhibit E2



101 East Marland, Hobbs, NM 88240
 (575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

| | | | |
|---|---|--|--|
| Company Name: <u>Forty Acres Energy</u> Project Manager: <u>JAMES KEENE</u> | | P.O. #: Company: Attn: Address: City: State: TX Zip: | |
| Address: <u>Houston</u> City: <u>Houston</u> State: TX Zip: | | Project #: <u>North of T91 rd</u> Project Owner: Project Location: | |
| Phone #: <u> </u> Fax #: <u> </u> | | State: <u> </u> Zip: <u> </u> City: <u> </u> Address: <u> </u> Project #: <u> </u> Phone #: <u> </u> Fax #: <u> </u> | |
| Sampler Name: <u> </u> | | | |
| FOR LAB USE ONLY | | | |
| Lab I.D. <u>H217799</u> | Sample I.D. <u> </u> | (G)RAB OR (C)OMP. <u> </u> | # CONTAINERS <u> </u> |
| 1 South of Adelle Sewell #1 2 East of Adelle Sewell #1 3 City: Thomas #4 Pw | | MATRIX <input checked="" type="checkbox"/> GROUNDWATER <input type="checkbox"/> WASTEWATER <input type="checkbox"/> SOIL <input type="checkbox"/> OIL <input type="checkbox"/> SLUDGE <input checked="" type="checkbox"/> OTHER : ACID/BASE: ICE / COOL OTHER : | |
| DATE TIME 10-6-21 10:00 AM 10-6-21 10:15 10-6-21 10:30 | | PRESERV. SAMPLING | |
| Relinquished By: <u>[Signature]</u> Date: <u>10-6-21</u> Time: <u>1:00 PM</u> | | Received By: <u>James Keene</u> Date: <u>10-6-21</u> Time: <u> </u> | |
| Delivered By: (Circle One) Sampler - UPS - Bus - Other: | | Observed Temp. °C <u>21.0</u> Corrected Temp. °C <u>21.1</u> | |
| Sample Condition Cool Intact <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> | | CHECKED BY: <u>[Signature]</u> (Initials) | |
| Turnaround Time: <u>Standard</u> Rush <input type="checkbox"/> Bacteria (only) Sample Condition Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Corrected Temp. °C <u> </u> | | Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Add'l Phone #: <u> </u> All Results are emailed. Please provide Email address: <u> </u> | |
| REMARKS: <u>James@faenergyus.com</u> | | | |

XI. Exhibit E3



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

September 14, 2023

JAMES MARTINEZ
FORTY ACRES ENERGY
11777 KATY FREEWAY STE. 305 B
HOUSTON, TX 77079

RE: NORTH OF JAL NM

Enclosed are the results of analyses for samples received by the laboratory on 09/05/23 15:00.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/fieldqa/lab_accred_certif.html.

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

| | |
|------------------|--------------------------------|
| Method EPA 552.2 | Total Haloacetic Acids (HAA-5) |
| Method EPA 524.2 | Total Trihalomethanes (TTHM) |
| Method EPA 524.4 | Regulated VOCs (V1, V2, V5) |

Cardinal Laboratories is accredited through the State of New Mexico Environment Department for:

| | |
|------------------|---|
| Method SM 9223-B | Total Coliform and E. coli (Coliform M90-MUG) |
| Method EPA 524.2 | Regulated VOCs and Total Trihalomethanes (TTHM) |
| Method EPA 552.2 | Total Haloacetic Acids (HAA-5) |

Accreditation applies to public drinking water matrices for State of Colorado and New Mexico.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Caley D. Keene
Lab Director/Quality Manager

XI. Exhibit E3



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: NORTH OF JAL NM Project Number: BXP Project Manager: JAMES MARTINEZ Fax To: | Reported: 14-Sep-23 09:00 |
|--|---|------------------------------|

| Sample ID | Laboratory ID | Matrix | Date Sampled | Date Received |
|---------------------------------|---------------|------------|-----------------|-----------------|
| PW BXP BAT - 32.160545-103.1839 | H234799-01 | Wastewater | 05-Sep-23 13:00 | 05-Sep-23 15:02 |
| FW SOUTH OF ETC JAL PLANT 32.1 | H234799-02 | Wastewater | 05-Sep-23 13:20 | 05-Sep-23 15:02 |
| QT RANDY CRAWFORD 32.174302- | H234799-03 | Wastewater | 05-Sep-23 14:00 | 05-Sep-23 15:02 |



Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

XI. Exhibit E3



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: NORTH OF JAL NM Project Number: BXP Project Manager: JAMES MARTINEZ Fax To: | Reported: 14-Sep-23 09:00 |
|--|---|------------------------------|



QT RANDY CRAWFORD 32.174302-103.195474
H234799-03 (Wastewater)

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

Cardinal Laboratories

Inorganic Compounds

| | | | | | | | | | | |
|------------------|-------------|--|------|------|---|---------|----|-----------|-----------|--|
| Chloride* | 292 | | 4.00 | mg/L | 1 | 3090514 | AC | 06-Sep-23 | 4500-C1-B | |
| TDS* | 1090 | | 5.00 | mg/L | 1 | 3090701 | AC | 11-Sep-23 | 160.1 | |

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

XI. Exhibit E3



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: NORTH OF JAL NM Project Number: BXP Project Manager: JAMES MARTINEZ Fax To: | Reported: 14-Sep-23 09:00 |
|--|---|------------------------------|

Inorganic Compounds - Quality Control

Cardinal Laboratories

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limit | RPD | RPD Limit | Notes |
|--|--------|-----------------|-------|--|---------------|------|------------|------|-----------|-------|
| Batch 3090514 - General Prep - Wet Chem | | | | | | | | | | |
| Blank (3090514-BLK1) | | | | Prepared & Analyzed: 05-Sep-23 | | | | | | |
| Chloride | ND | 4.00 | mg/L | | | | | | | |
| LCS (3090514-BS1) | | | | Prepared & Analyzed: 05-Sep-23 | | | | | | |
| Chloride | 104 | 4.00 | mg/L | 100 | | 104 | 80-120 | | | |
| LCS Dup (3090514-BSD1) | | | | Prepared & Analyzed: 05-Sep-23 | | | | | | |
| Chloride | 108 | 4.00 | mg/L | 100 | | 108 | 80-120 | 3.77 | 20 | |
| Batch 3090701 - Filtration | | | | | | | | | | |
| Blank (3090701-BLK1) | | | | Prepared: 07-Sep-23 Analyzed: 12-Sep-23 | | | | | | |
| TDS | ND | 5.00 | mg/L | | | | | | | |
| LCS (3090701-BS1) | | | | Prepared: 07-Sep-23 Analyzed: 12-Sep-23 | | | | | | |
| TDS | 518 | | mg/L | 500 | | 104 | 80-120 | | | |
| Duplicate (3090701-DUP1) | | | | Source: H234800-01 Prepared: 07-Sep-23 Analyzed: 12-Sep-23 | | | | | | |
| TDS | 4580 | 5.00 | mg/L | | 4640 | | | 1.24 | 20 | |

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Celey D. Keene, Lab Director/Quality Manager

XI. Exhibit E3



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

Notes and Definitions

- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference
- ** Samples not received at proper temperature of 6°C or below.
- *** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
- Samples reported on an as received basis (wet) unless otherwise noted on report.

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Celey D. Keene, Lab Director/Quality Manager

XI. Exhibit E3



101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

| | | | | | | | |
|--|---|---|--------------------------|--|-------------|--|-------------|
| Company Name: <u>Forty Acres Energy</u> Project Manager: <u>JAMES MARKER</u> Address: <u>Houston</u> State: <u>Tx</u> Zip: _____ City: _____ Phone #: _____ Fax #: _____ Project #: _____ Project Owner: _____ Project Name: <u>B&P N.055a1</u> State: _____ Zip: _____ Project Location: _____ Sample Name: _____ FOR LAB USE ONLY | | P.O. #: _____ Company: _____ Attn: _____ Address: _____ City: _____ State: _____ Zip: _____ Phone #: _____ Fax #: _____ | | BILL TO | | ANALYSIS REQUEST | |
| Lab I.D. <u>H234799</u> Sample I.D. <u>1 P&B&P br.</u> <u>32.160545-103.183901</u> <u>2 Fw South of ETC San Plot</u> <u>32.170069-103.176363</u> 3 RT <u>Randy Crawford</u> <u>32.174302-103.185474</u> | (G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER: | MATRIX ACID/BASE: ICE / COOL OTHER: | PRESERV. DATE TIME | SAMPLING CL TDS | X X X | 9-5-23 1:00pm 9-5-23 1:20pm 9-5-23 2:00pm | ✓ ✓ ✓ |
| Relinquished By: <u>Shms</u> Date: <u>9-5-23</u> Time: <u>3:02pm</u> Received By: <u>James Marker</u> Date: _____ Time: _____ | | Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Add'l Phone #: _____ All Results are emailed. Please provide Email address: _____ REMARKS: <u>806-420-5278</u> | | Turnaround Time: _____ Standard <input type="checkbox"/> Rush <input type="checkbox"/> Bacteria (only) <input type="checkbox"/> Cool Intact <input type="checkbox"/> Sample Condition <input type="checkbox"/> Corrected Temp. °C _____ Observed Temp. °C _____ Corrected Temp. °C _____ | | Delivered By: (Circle One) Observed Temp. °C <u>3.1</u> Corrected Temp. °C _____ Sampler - UPS - Bus - Other: _____ Phone: 505-744-0711 | |

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. FAE II Operating LLC, Finally Resources LLC, Apache Corporation, LLC , BXP Operating, LLC, LEGACY RESERVES OPERATING, LP, Petroleum Exploration Company Ltd., Limited P, and MCDONNOLD OPERATING INC are the offset operators. Surface Owners are BLM, RRR Land & Cattle Company, James Pruett, and Henry H. Harrison, Jr .

Apache Corporation, LLC:
2000 Post Oak Boulevard, Suite 100
Houston, Texas 77056

BLM:
301 Dinosaur Trail
Santa Fe, NM 87508

BXP Operating, LLC
XXXXXX
XXXXXX

RRR Land & Cattle Company :
2001 Barberry Rd
Roswell, NM 88201

Finally Resources LLC,
XXXXXXXXXX
XXXXXXXXXX

James Pruett:
530 W Hunters Court Way
Mustang, OK 73064

FAE II Operating LLC
11757 Katy Freeway, Suite 725
Houston, TX 77079

Henry H. Harrison, Jr:
1120 Wilma
Tyler, TX 75701

LEGACY RESERVES OPERATING, LP.:
303 West Wall Street, Suite 1400
Midland, TX 79701

MCDONNOLD OPERATING INC.:
505 N. Big Spring St, Suite 204
Midland, TX 79701

Petroleum Exploration Company Ltd., Limited P,
XXXXXX
XXXXXXXX