AE Order Number Banner

Application Number: pMSG2403643662

WFX-1061

FORTY ACRES ENERGY, LLC [371416]

STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL
RESOURCES DEPARTMENT

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

FORM C-108
Revised June 10, 2003

APPLICATION FOR AUTHORIZATION TO INJECT

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

II. OPERATOR: ____ FORTY ACRES ENERGY, 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? ___X___ Yes _____ No
If yes, give the Division order number authorizing the project: _____R-14616_____

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: 3/31/2022
E-MAIL ADDRESS: __Jessica@faenergyus.com_____

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

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

Side 2

III. WELL DATA

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

(1) Lease name; Well No.; Location by Section, Township and Range; and footage location within the section.

(2) Each casing string used with its size, setting depth, sacks of cement used, hole size, top of cement, and how such top was determined.

(3) A description of the tubing to be used including its size, lining material, and setting depth.

(4) The name, model, and setting depth of the packer used or a description of any other seal system or assembly used.

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

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

(1) The name of the injection formation and, if applicable, the field or pool name.

(2) The injection interval and whether it is perforated or open-hole.

(3) State if the well was drilled for injection or, if not, the original purpose of the well.

(4) Give the depths of any other perforated intervals and detail on the sacks of cement or bridge plugs used to seal off such perforations.

(5) Give the depth to and the name of the next higher and next lower oil or gas zone in the area of the well, if any.

XIV. PROOF OF NOTICE

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

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

(1) The name, address, phone number, and contact party for the applicant;

(2) The intended purpose of the injection well; with the exact location of single wells or the Section, Township, and Range location of multiple wells;

(3) The formation name and depth with expected maximum injection rates and pressures; and,

(4) A notation that interested parties must file objections or requests for hearing with the Oil Conservation Division, 1220 South St. Francis Dr., Santa Fe, New Mexico 87505, within 15 days.

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

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

Side 1

INJECTION WELL DATA SHEET

OPERATOR: _____

WELL NAME & NUMBER: _____

WELL LOCATION: _____

FOOTAGE LOCATION UNIT LETTER SECTION TOWNSHIP RANGE

WELLBORE SCHEMATIC ***WELL CONSTRUCTION DATA***

Surface Casing

Hole Size: _____ Casing Size:_____

Cemented with: _____ sx. ***or*** _____ ft^3

Top of Cement: _____ Method Determined: _____

Intermediate Casing

Hole Size: _____ Casing Size:_____

Cemented with: _____ sx. ***or*** _____ ft^3

Top of Cement: _____ Method Determined: _____

Production Casing

Hole Size: _____ Casing Size:_____

Cemented with: _____ sx. ***or*** _____ ft^3

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: _____

   _____

   _____

   _____

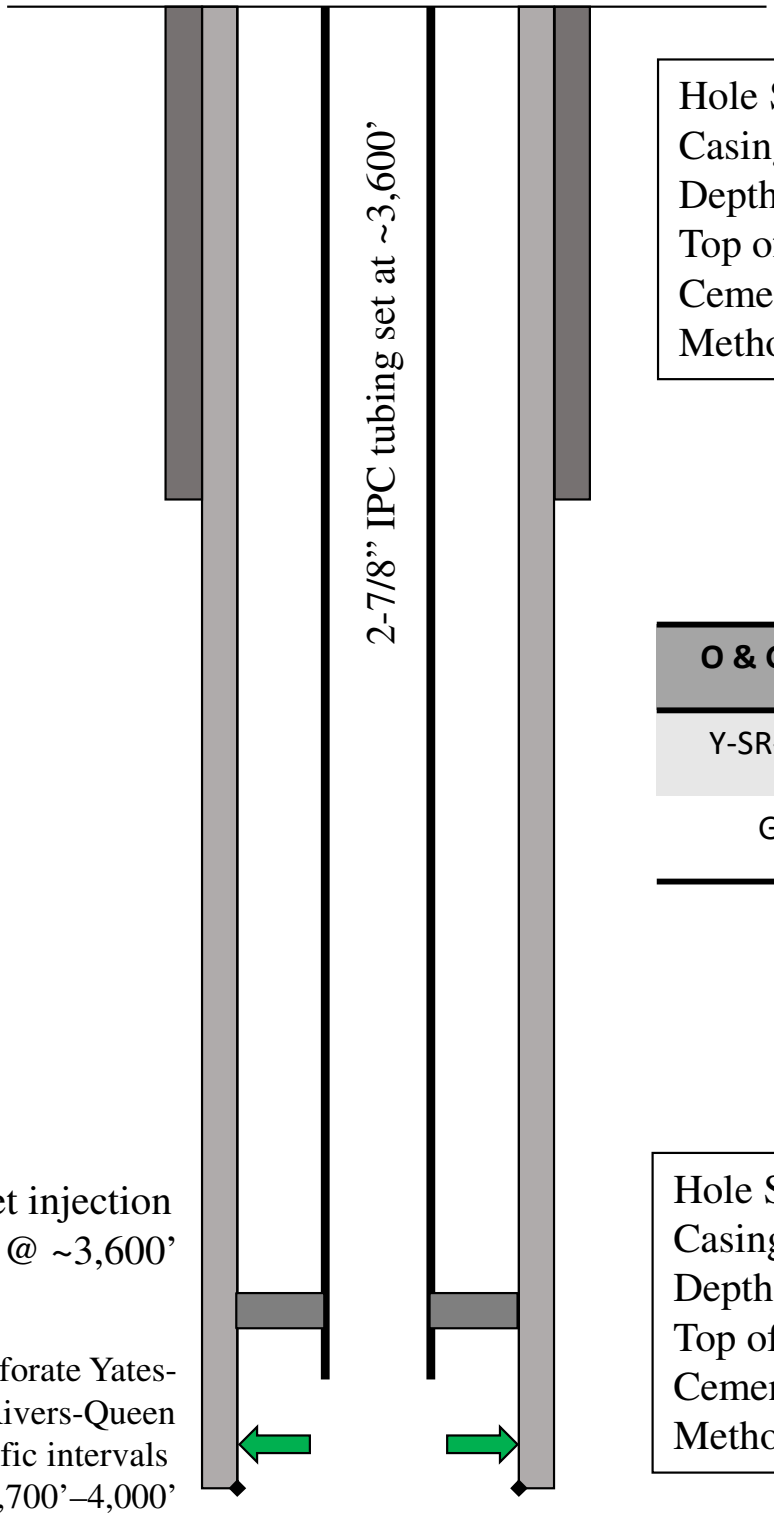
Part III.

III. Well Data

For the Following Wells:
1. West Eumont Unit #416
2. West Eumont Unit #419
3. West Eumont Unit #420
4. West Eumont Unit #421
5. West Eumont Unit #422

West Eumont Unit New Drill Injector Example

Legal: Sect 33, Twn 20S Rge 36E
API # 30-025-xxxxx
Eumont Field, Lea Co., NM
Completion Date: TBD
The well will be drilled for the purpose of injection



Will set injection packer @ ~3,600'

Will perforate Yates-Seven Rivers-Queen in specific intervals from ~3,700'–4,000'

TD: ~4,300

Surface Casing

Hole Size:	12-1/4"
Casing Size:	8-5/8"
Depth Set:	1,650'
Top of Cement:	surface
Cement with	240 sx
Method Determined:	circ. 80 sx

O & G Formation	Interval
Y-SR-Q Inj. Zone	3,400' – 4,700'
Grayburg	4,700'+

Intermediate Casing

Hole Size:	7-7/8"
Casing Size:	5-1/2"
Depth Set:	4,300'
Top of Cement:	surface
Cement with	300 sx
Method Determined:	circ. 100 sx

III. Well Data (2 of 6)

INJECTION WELL DATA SHEET

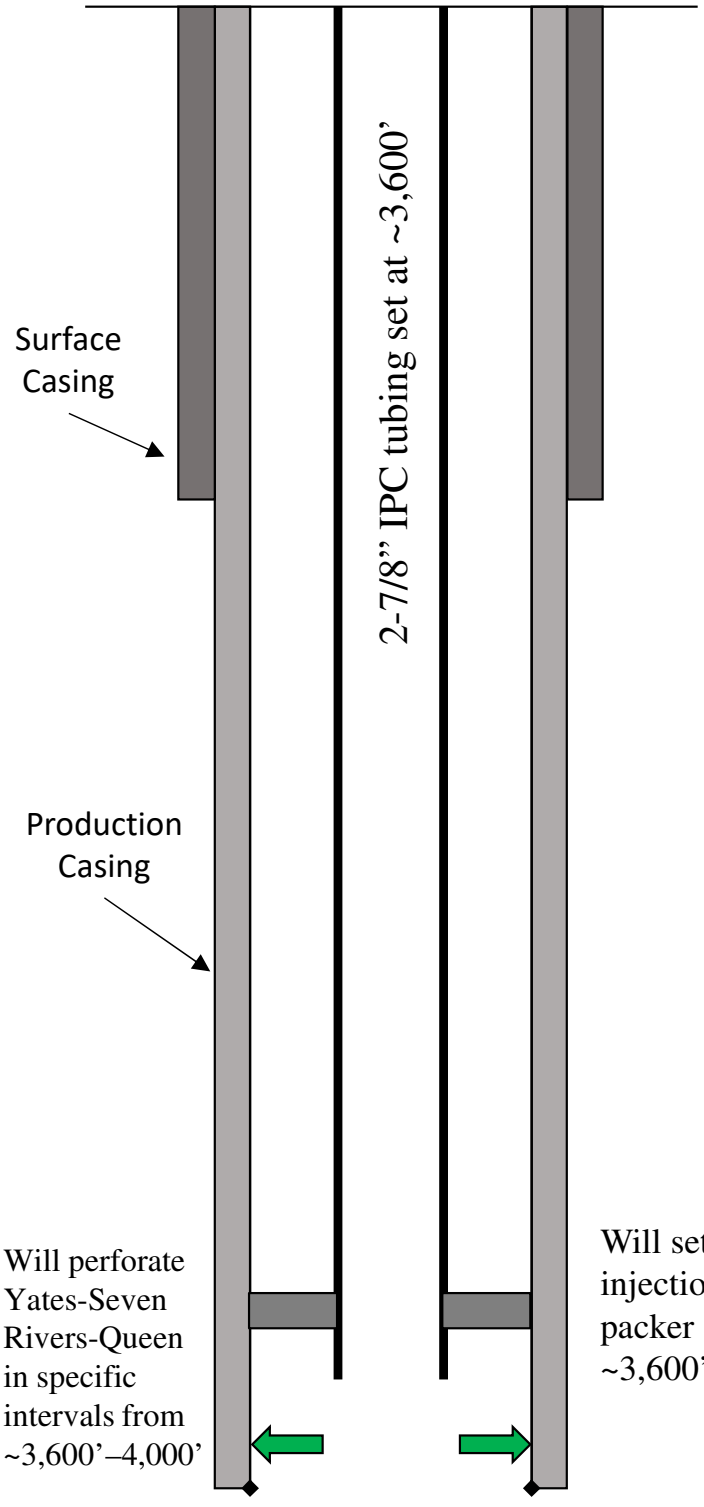
OPERATOR: FORTY ACRES ENERGY, LLC

WELL NAME & NUMBER: WEST EUMONT UNIT #416

WELL LOCATION: *2530 FNL 150 FEL* | *33* | *20S* | *36E*

FOOTAGE LOCATION | UNIT LETTER | SECTION | TOWNSHIP | RANGE

WELLBORE SCHEMATIC



WELL CONSTRUCTION DATA

Surface Casing

Hole Size:	12-1/4"
Casing Size:	8-5/8"
Depth Set:	1,650'
Top of Cement:	surface
Cement with	240 sx
Method Determined:	circ. 80 sx

Intermediate Casing

Hole Size:	7-7/8"
Casing Size:	5-1/2"
Depth Set:	4,300'
Top of Cement:	surface
Cement with	300 sx
Method Determined:	circ. 100 sx

Injection Interval

Yates-Seven Rivers-Queen Inj. Zone
~3,400' to 4,300'
Zone will be Perforated

Tubing

Tubing Size:	2-7/8"
Lining Material:	Nickel
Type of Packer:	AS1-X
Packer Depth Set:	~3,600'

Additional Data

1. New well drilled for injection.
2. Injection Formation: Yates-Seven Rivers-Queen
3. Field: EUMONT
4. Well has NOT been perforated before.
5. Underlying Oil Zone: Grayburg Formation
   - Depth of Underlying Zone: +4,700'

III. Well Data (3 of 6)

INJECTION WELL DATA SHEET

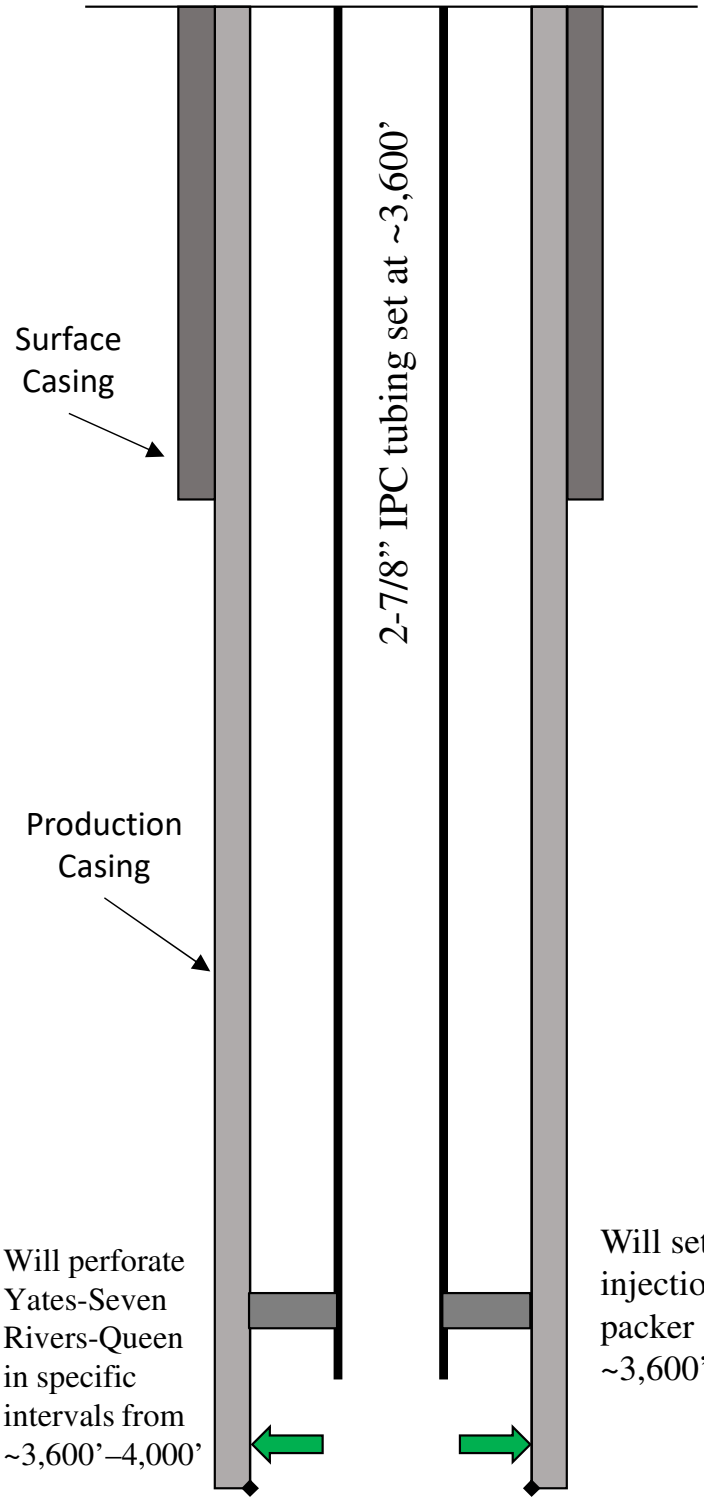
OPERATOR: FORTY ACRES ENERGY, LLC

WELL NAME & NUMBER: WEST EUMONT UNIT #419

WELL LOCATION: *1400 FNL 60 FEL* | *33* | *20S* | *36E*

FOOTAGE LOCATION | UNIT LETTER | SECTION | TOWNSHIP | RANGE

WELLBORE SCHEMATIC



WELL CONSTRUCTION DATA

Surface Casing

Hole Size:	12-1/4"
Casing Size:	8-5/8"
Depth Set:	1,650'
Top of Cement:	surface
Cement with	240 sx
Method Determined:	circ. 80 sx

Intermediate Casing

Hole Size:	7-7/8"
Casing Size:	5-1/2"
Depth Set:	4,300'
Top of Cement:	surface
Cement with	300 sx
Method Determined:	circ. 100 sx

Injection Interval

Yates-Seven Rivers-Queen Inj. Zone
~3,400' to 4,300'
Zone will be Perforated

Tubing

Tubing Size:	2-7/8"
Lining Material:	Nickel
Type of Packer:	AS1-X
Packer Depth Set:	~3,600'

Additional Data

1. New well drilled for injection.
2. Injection Formation: Yates-Seven Rivers-Queen
3. Field: EUMONT
4. Well has NOT been perforated before.
5. Underlying Oil Zone: Grayburg Formation
   - Depth of Underlying Zone: +4,700'

III. Well Data (4 of 6)

INJECTION WELL DATA SHEET

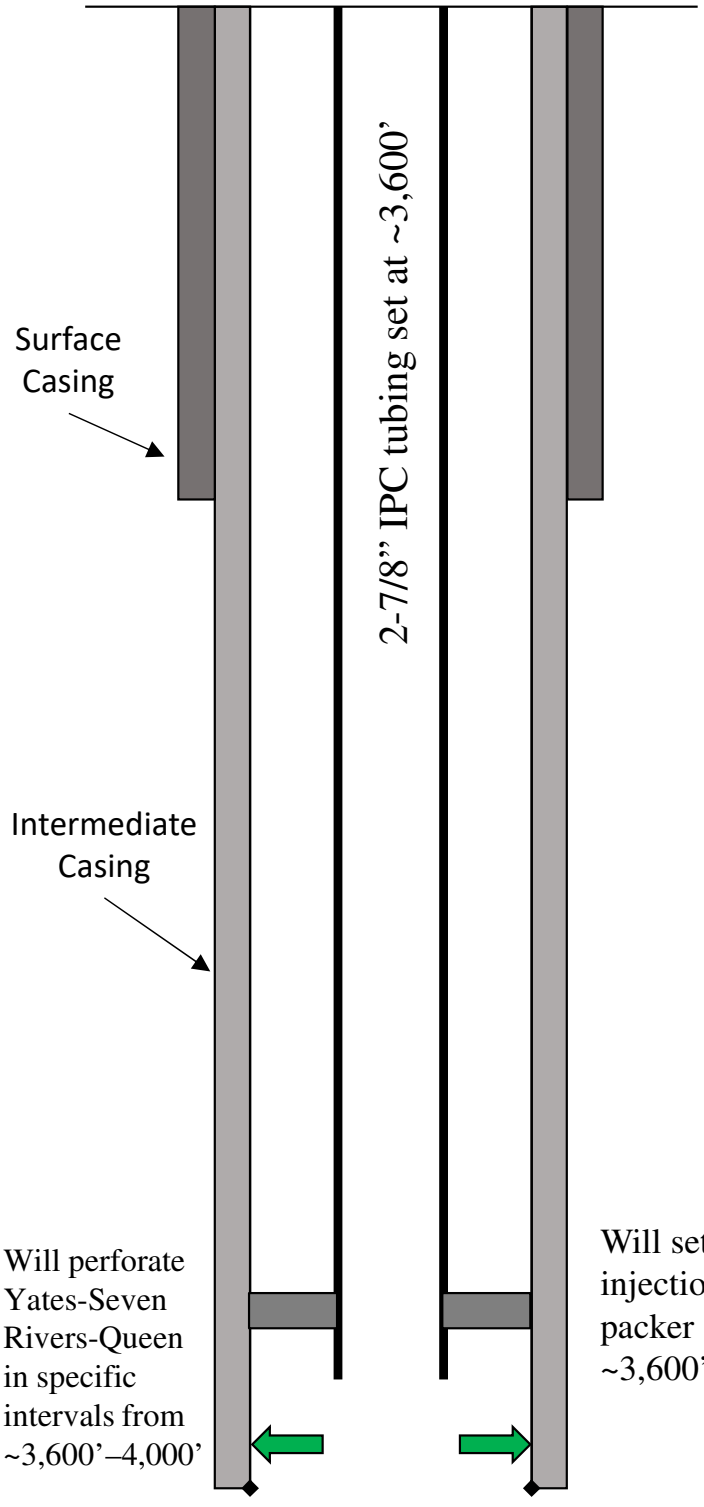
OPERATOR: FORTY ACRES ENERGY, LLC

WELL NAME & NUMBER: WEST EUMONT UNIT #420

WELL LOCATION: 1175 FNL 1240 FEL | 33 | 20S | 36E

FOOTAGE LOCATION | UNIT LETTER | SECTION | TOWNSHIP | RANGE

WELLBORE SCHEMATIC



WELL CONSTRUCTION DATA

Surface Casing

Hole Size:	12-1/4"
Casing Size:	8-5/8"
Depth Set:	1,650'
Top of Cement:	surface
Cement with	240 sx
Method Determined:	circ. 80 sx

Intermediate Casing

Hole Size:	7-7/8"
Casing Size:	5-1/2"
Depth Set:	4,300'
Top of Cement:	surface
Cement with	300 sx
Method Determined:	circ. 100 sx

Injection Interval

Yates-Seven Rivers-Queen Inj. Zone
~3,400' to 4,300'
Zone will be Perforated

Tubing

Tubing Size:	2-7/8"
Lining Material:	Nickel
Type of Packer:	AS1-X
Packer Depth Set:	~3,600'

Additional Data

1. New well drilled for injection.
2. Injection Formation: Yates-Seven Rivers-Queen
3. Field: EUMONT
4. Well has NOT been perforated before.
5. Underlying Oil Zone: Grayburg Formation
   - Depth of Underlying Zone: +4,700'

III. Well Data (5 of 6)

INJECTION WELL DATA SHEET

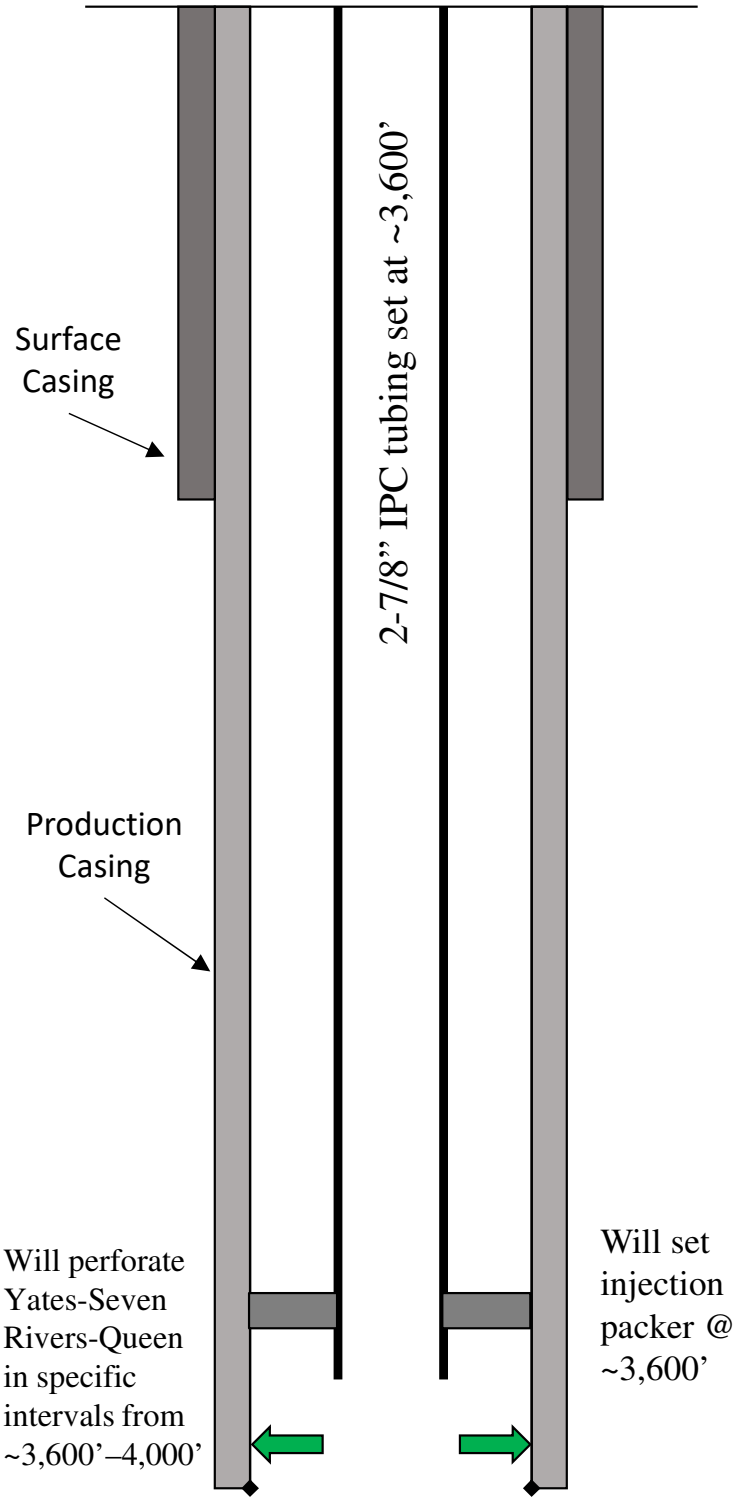
OPERATOR: FORTY ACRES ENERGY, LLC

WELL NAME & NUMBER: WEST EUMONT UNIT #421

WELL LOCATION: *20 FNL 20 FWL* | *33* | *20S* | *36E*

FOOTAGE LOCATION | UNIT LETTER | SECTION | TOWNSHIP | RANGE

WELLBORE SCHEMATIC



WELL CONSTRUCTION DATA

Surface Casing

Hole Size:	12-1/4"
Casing Size:	8-5/8"
Depth Set:	1,650'
Top of Cement:	surface
Cement with	240 sx
Method Determined:	circ. 80 sx

Intermediate Casing

Hole Size:	7-7/8"
Casing Size:	5-1/2"
Depth Set:	4,300'
Top of Cement:	surface
Cement with	300 sx
Method Determined:	circ. 100 sx

Injection Interval

Yates-Seven Rivers-Queen Inj. Zone
~3,400' to 4,300'
Zone will be Perforated

Tubing

Tubing Size:	2-7/8"
Lining Material:	Nickel
Type of Packer:	AS1-X
Packer Depth Set:	~3,600'

Additional Data

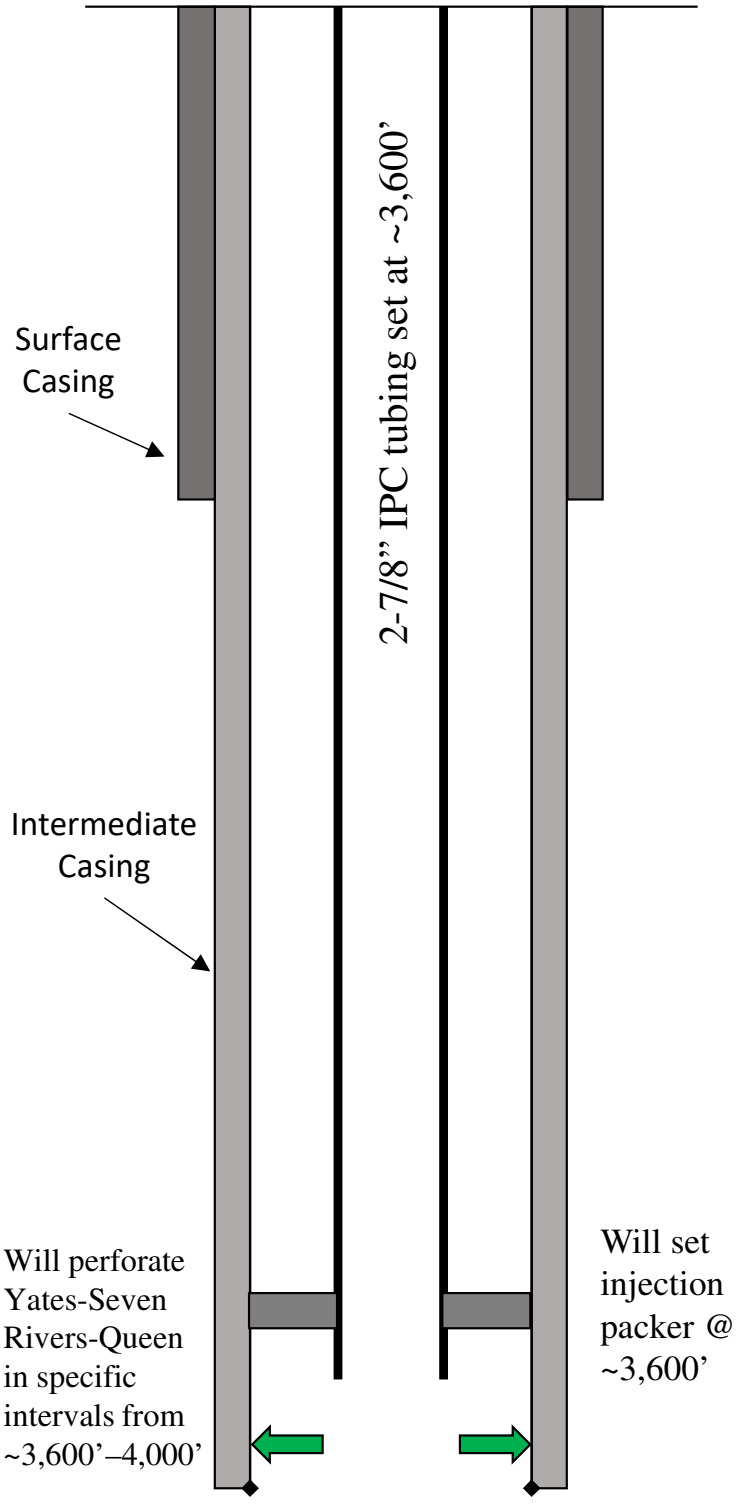
1. New well drilled for injection.
2. Injection Formation: Yates-Seven Rivers-Queen
3. Field: EUMONT
4. Well has NOT been perforated before.
5. Underlying Oil Zone: Grayburg Formation
   - Depth of Underlying Zone: +4,700'

III. Well Data (6 of 6)

INJECTION WELL DATA SHEET

OPERATOR: FORTY ACRES ENERGY, LLC
WELL NAME & NUMBER: WEST EUMONT UNIT #422
WELL LOCATION: *40 FNL 1240 FEL* | *33* | *20S* | *36E*
FOOTAGE LOCATION | UNIT LETTER | SECTION | TOWNSHIP | RANGE

WELLBORE SCHEMATIC



WELL CONSTRUCTION DATA

Surface Casing

Hole Size:	12-1/4"
Casing Size:	8-5/8"
Depth Set:	1,650'
Top of Cement:	surface
Cement with	240 sx
Method Determined:	circ. 80 sx

Intermediate Casing

Hole Size:	7-7/8"
Casing Size:	5-1/2"
Depth Set:	4,300'
Top of Cement:	surface
Cement with	300 sx
Method Determined:	circ. 100 sx

Injection Interval

Yates-Seven Rivers-Queen Inj. Zone
~3,400' to 4,300'
Zone will be Perforated

Tubing

Tubing Size:	2-7/8"
Lining Material:	Nickel
Type of Packer:	AS1-X
Packer Depth Set:	~3,600'

Additional Data

1. New well drilled for injection.
2. Injection Formation: Yates-Seven Rivers-Queen
3. Field: EUMONT
4. Well has NOT been perforated before.
5. Underlying Oil Zone: Grayburg Formation
   - Depth of Underlying Zone: +4,700'

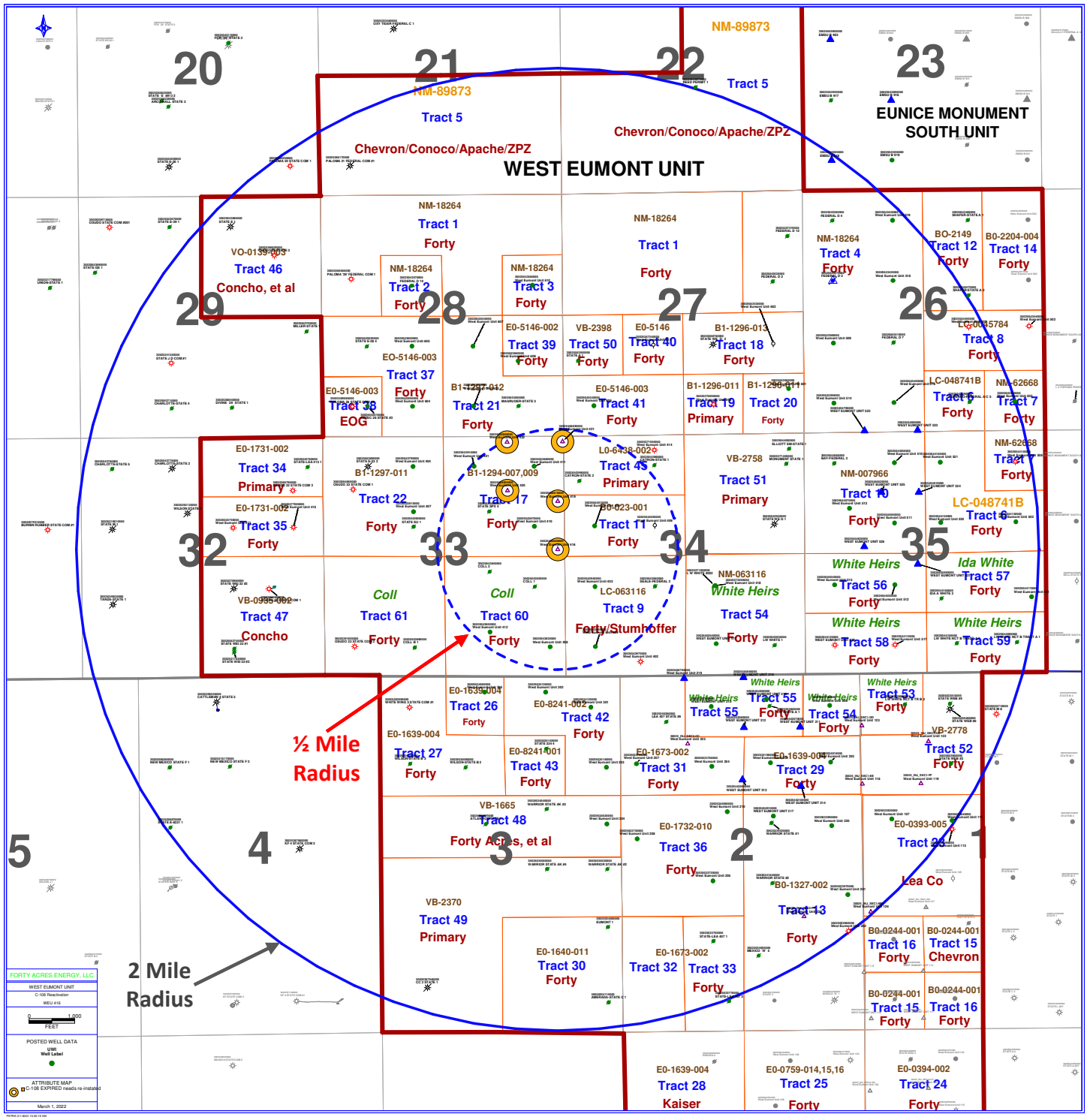
Part V.

V.

Exhibit A1 shows 19 unique well locations within a ½ mile radius of the proposed new drill injector location, and 173 unique well locations within a 2 mile radius.

West Eumont Unit 416

API: 30-025-46680

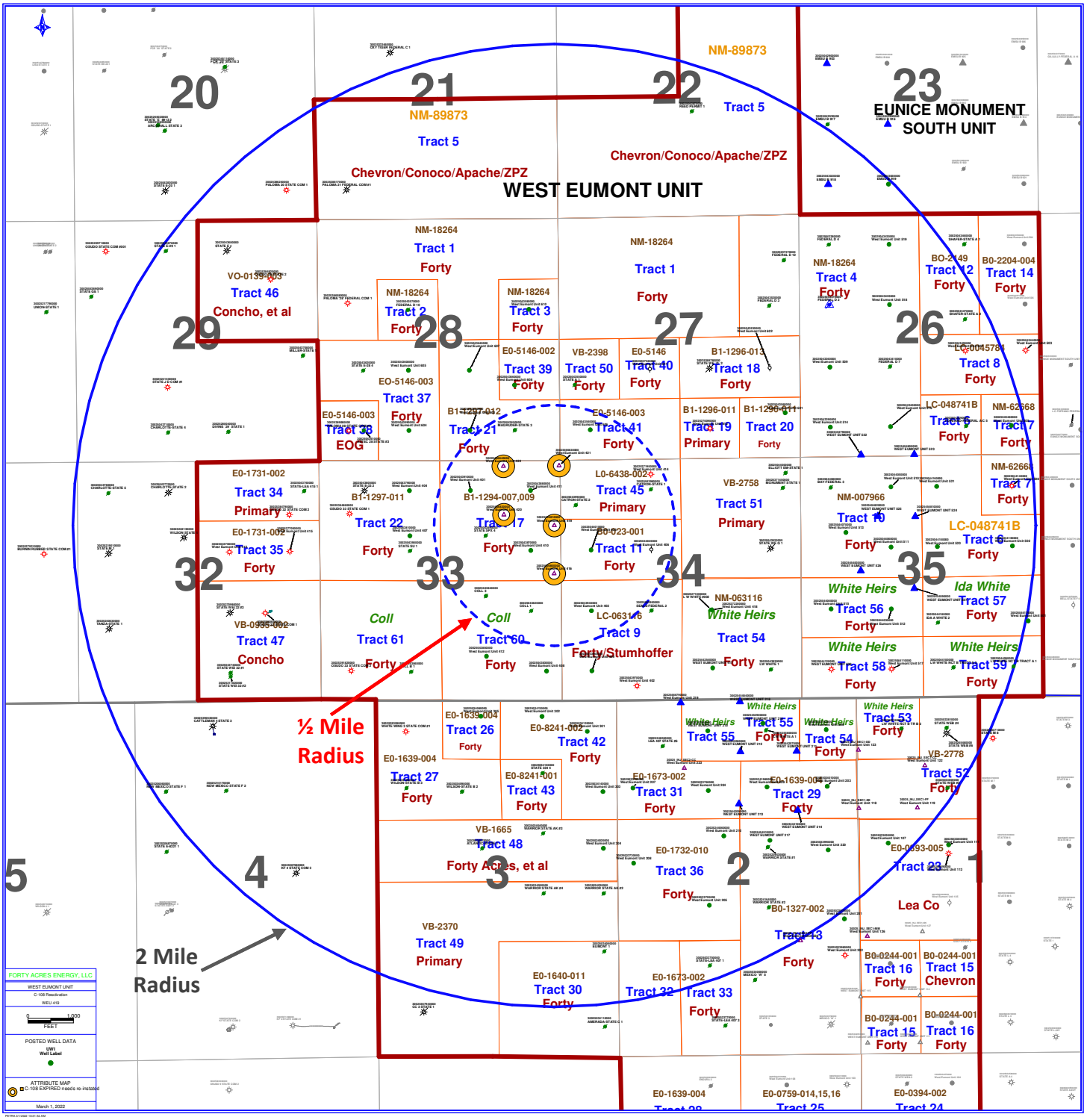


V.

Exhibit A2 shows 19 unique well locations within a ½ mile radius of the proposed new drill injector location, and 166 unique well locations within a 2 mile radius.

West Eumont Unit 419

API: 30-025-46681

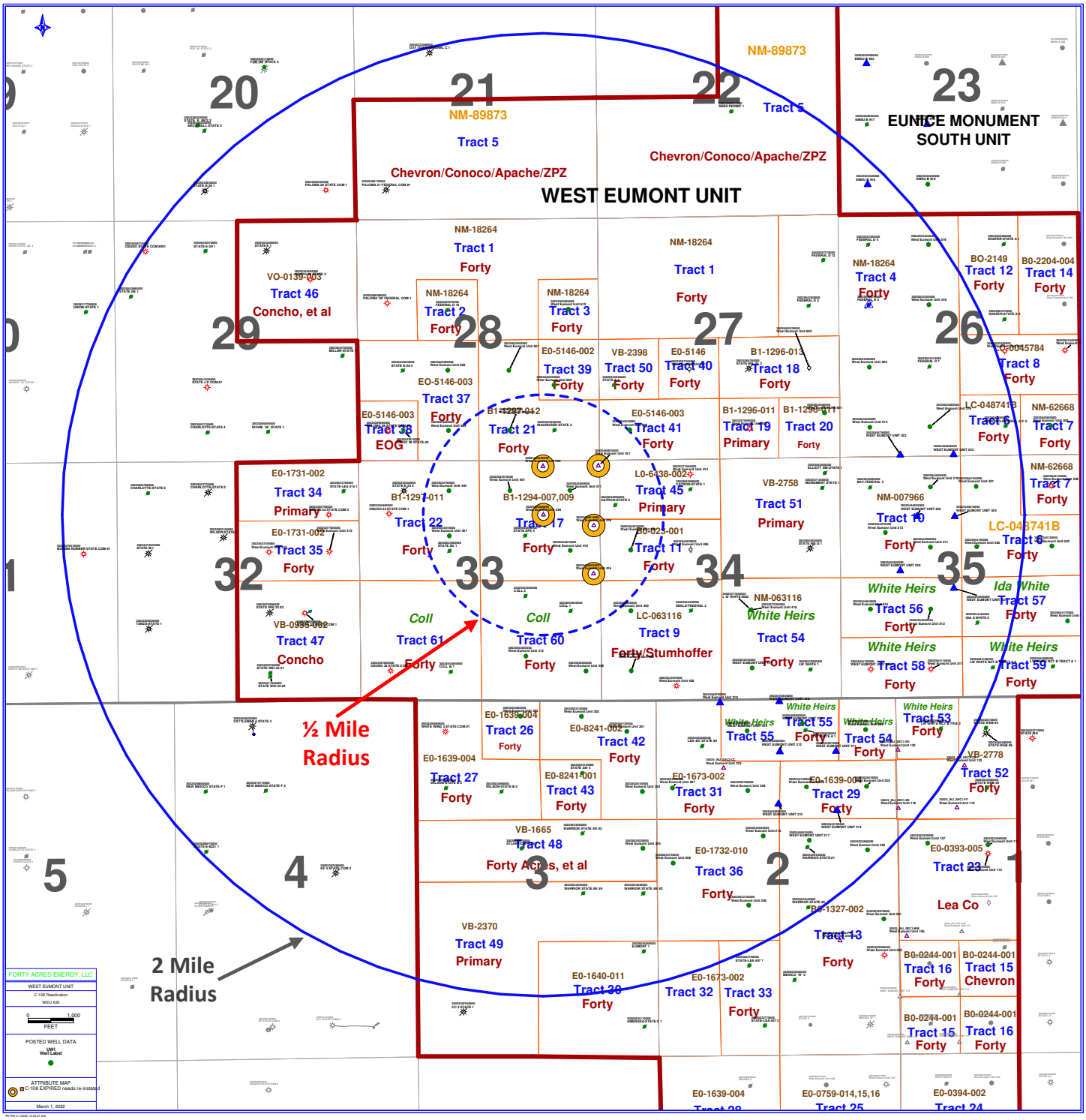


V.

Exhibit A3 shows 18 unique well locations within a ½ mile radius of the proposed new drill injector location, and 158 unique well locations within a 2 mile radius.

West Eumont Unit 420

API: 30-025-46682

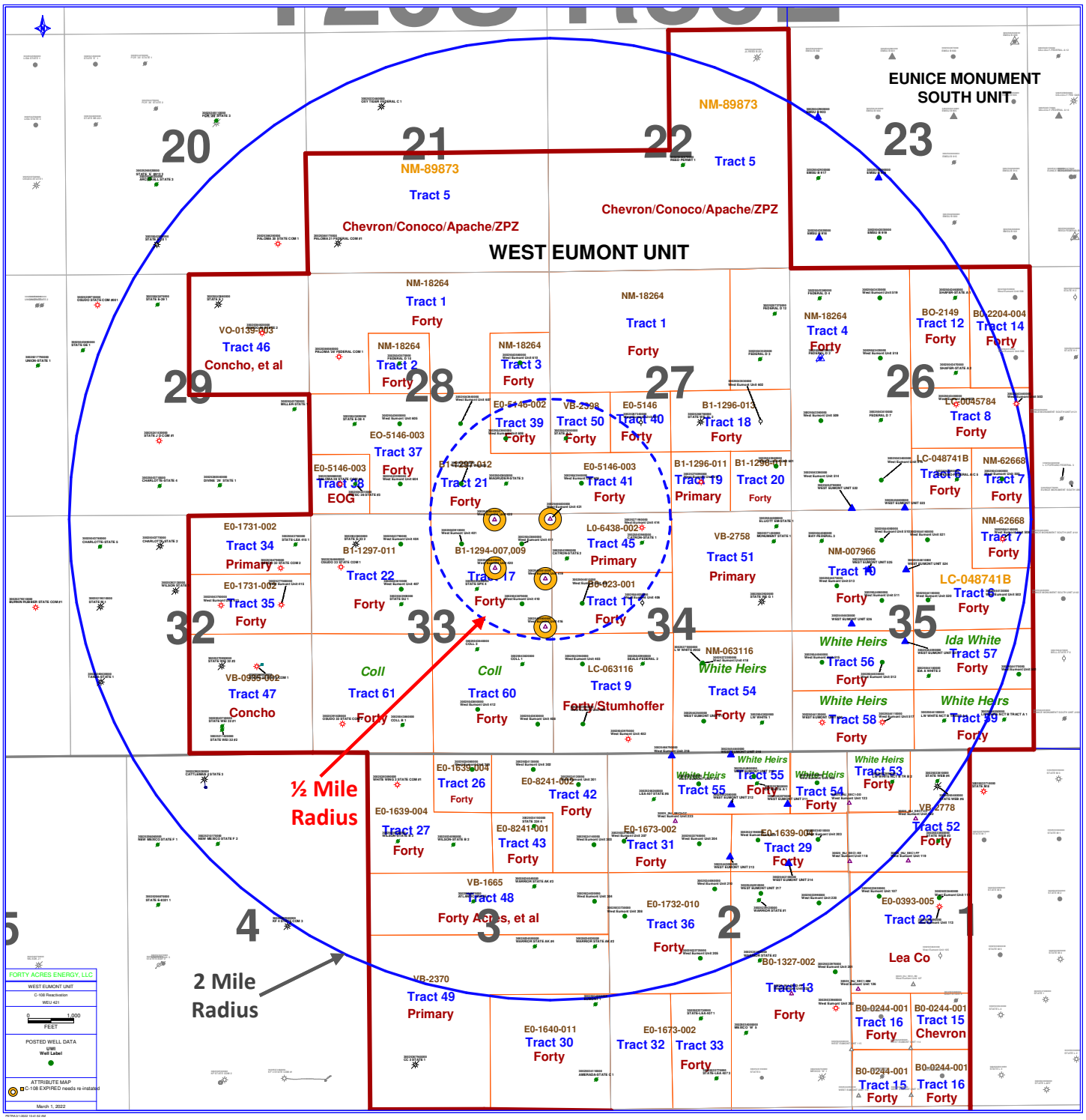


V.

Exhibit A4 shows 18 unique well locations within a ½ mile radius of the proposed new drill injector location, and 163 unique well locations within a 2 mile radius.

West Eumont Unit 421

API: 30-025-46683

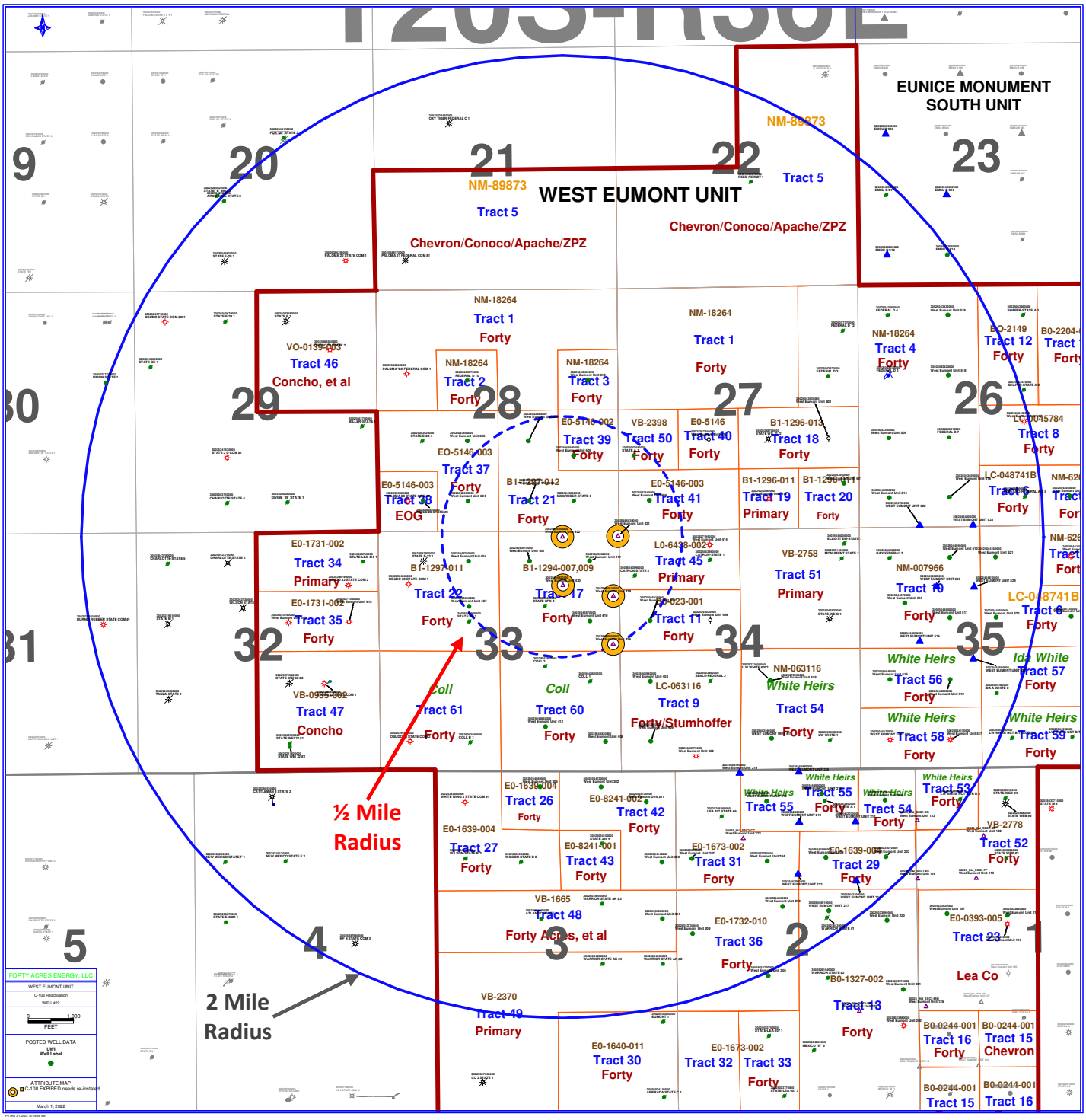


V.

Exhibit A5 shows 19 unique well locations within a ½ mile radius of the proposed new drill injector location, and 155 unique well locations within a 2 mile radius.

West Eumont Unit 422

API: 30-025-46684



Part VI.

Following Exhibits, B1-B5, 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-A5. The plugged well wellbore diagrams are displayed in Exhibits C1-C9.

West Eumont Unit 416

1/2 Mile Radius

UWI/API	OPERATOR	WELL LABEL	TD	WELL TYPE	CURRENT ZONE	Distance from West Eumont Unit 416 (Feet)	SPUD_DATE	COMP_DATE	TOWNSHIP	RANGE	SECTION	FOOTAGE
3002546680000	**FORTY ACRES ENERGY, LLC**	**West Eumont Unit 416**	**4300**	**LOC-INJ**	**Injection Location (C-108 Expired)**	**0**			**20S**	**36E**	**33**	**150 FEL 2530 FNL**
3002504387000	FORTY ACRES ENERGY, LLC	West Eumont Unit 410	3890	OIL	[22800] EUMONT;YATES-7 RVRS-QUEEN (OIL)	720.13	10/14/1955	10/26/1955	20S	36E	33	660 FEL 1980 FNL
3002504382000	HARVARD PETROLEUM CO LLC	COLL 1	3905	PLUGOIL	PLUGGED	958.57	6/30/1954	7/23/1954	20S	36E	33	660 FEL 1980 FSL
3002504401000	FORTY ACRES ENERGY, LLC	West Eumont Unit 405	3890	OIL	[22800] EUMONT;YATES-7 RVRS-QUEEN (OIL)	961.63	3/15/1955	3/30/1955	20S	36E	34	660 FWL 1980 FNL
3002546681000	FORTY ACRES ENERGY, LLC	West Eumont Unit 419	4300	LOC-INJ	Injection Location (C-108 Expired)	1055.31			20S	36E	33	136 FEL 1475 FNL
3002504394000	FORTY ACRES ENERGY, LLC	West Eumont Unit 403	4100	OIL	[22800] EUMONT;YATES-7 RVRS-QUEEN (OIL)	1154.74	12/15/1954	1/24/1955	20S	36E	34	661 FWL 1981 FSL
3002504384000	CHARM OIL COMPANY	COLL 3	3890	PLUGOIL	PLUGGED	1572.88	10/26/1956	11/4/1956	20S	36E	33	1650 FEL 2310 FSL
3002504399000	STRATA PETROLEUM COMPANY	CATRON-STATE 2	3851	PLUGOIL	PLUGGED	1576.1	7/4/1955	8/15/1955	20S	36E	34	330 FWL 990 FNL
3002546682000	FORTY ACRES ENERGY, LLC	West Eumont Unit 420	4300	LOC-INJ	Injection Location (C-108 Expired)	1697.16			20S	36E	33	1233 FEL 1237 FNL
3002504389000	FORTY ACRES ENERGY, LLC	STATE SPX 4	3895	PLUGOIL	PLUGGED	1716.06	2/23/1956	3/9/1956	20S	36E	33	1650 FEL 1650 FNL
3002504388000	FORTY ACRES ENERGY, LLC	West Eumont Unit 411	3925	OIL	[22800] EUMONT;YATES-7 RVRS-QUEEN (OIL)	1896.38	11/4/1955	11/21/1955	20S	36E	33	660 FEL 660 FNL
3002504383000	FORTY ACRES ENERGY, LLC	West Eumont Unit 408	3875	OIL	[22800] EUMONT;YATES-7 RVRS-QUEEN (OIL)	2144.47	6/16/1955	6/30/1955	20S	36E	33	660 FEL 660 FSL
3002504402000	FORTY ACRES ENERGY, LLC	West Eumont Unit 406	3885	TA	[22800] EUMONT;YATES-7 RVRS-QUEEN (OIL)	2195.08	3/25/1955	8/5/1955	20S	36E	34	1980 FWL 1980 FNL
3002504395000	FINLEY RESOURCES INCORPORATED	SEALE-FEDERAL 2	3900	PLUGOIL	PLUGGED	2285.39	8/30/1955	10/17/1955	20S	36E	34	1980 FWL 1980 FSL
3002504396000	FORTY ACRES ENERGY, LLC	West Eumont Unit 409	3944	OIL	[22800] EUMONT;YATES-7 RVRS-QUEEN (OIL)	2287.13	10/7/1955	10/25/1955	20S	36E	34	661 FWL 661 FSL
3002504385000	FORTY ACRES ENERGY, LLC	West Eumont Unit 412	3896	OIL	[22800] EUMONT;YATES-7 RVRS-QUEEN (OIL)	2342.74	3/14/1957	4/17/1957	20S	36E	33	1650 FEL 990 FSL
3002546683000	FORTY ACRES ENERGY, LLC	West Eumont Unit 421	4300	LOC-INJ	Injection Location (C-108 Expired)	2368.76			20S	36E	33	20 FEL 165 FNL
3002504391000	FORTY ACRES ENERGY, LLC	West Eumont Unit 401	4085	OIL	[22800] EUMONT;YATES-7 RVRS-QUEEN (OIL)	2587.62	5/9/1954	6/15/1954	20S	36E	33	1980 FEL 660 FNL
3002546684000	FORTY ACRES ENERGY, LLC	West Eumont Unit 422	4300	LOC-INJ	Injection Location (C-108 Expired)	2603.87			20S	36E	33	1240 FEL 165 FNL

Exhibit B1

West Eumont Unit 419

1/2 Mile Radius

UWI/API	OPERATOR	WELL LABEL	TD	WELL TYPE	CURRENT ZONE	Distance from West Eumont Unit 419 (Feet)	SPUD_DATE	COMP_DATE	TOWNSHIP	RANGE	SECTION	FOOTAGE
3002546681000	**FORTY ACRES ENERGY, LLC**	**West Eumont Unit 419**	**4300**	**LOC-INJ**	**Injection Location (C-108 Expired)**	**0**			**20S**	**36E**	**33**	**136 FEL 1475 FNL**
3002504399000	STRATA PETROLEUM COMPANY	CATRON-STATE 2	3851	PLUGOIL	PLUGGED	650.26	7/4/1955	8/15/1955	20S	36E	34	330 FWL 990 FNL
3002504387000	FORTY ACRES ENERGY, LLC	West Eumont Unit 410	3890	OIL	[22800] EUMONT;YATES-7 RVRS-QUEEN (OIL)	751.49	10/14/1955	10/26/1955	20S	36E	33	660 FEL 1980 FNL
3002504388000	FORTY ACRES ENERGY, LLC	West Eumont Unit 411	3925	OIL	[22800] EUMONT;YATES-7 RVRS-QUEEN (OIL)	928.8	11/4/1955	11/21/1955	20S	36E	33	660 FEL 660 FNL
3002504401000	FORTY ACRES ENERGY, LLC	West Eumont Unit 405	3890	OIL	[22800] EUMONT;YATES-7 RVRS-QUEEN (OIL)	971.21	3/15/1955	3/30/1955	20S	36E	34	660 FWL 1980 FNL
3002546680000	FORTY ACRES ENERGY, LLC	West Eumont Unit 416	4300	LOC-INJ	Injection Location (C-108 Expired)	1055.31			20S	36E	33	150 FEL 2530 FNL
3002546682000	FORTY ACRES ENERGY, LLC	West Eumont Unit 420	4300	LOC-INJ	Injection Location (C-108 Expired)	1130.91			20S	36E	33	1233 FEL 1237 FNL
3002546683000	FORTY ACRES ENERGY, LLC	West Eumont Unit 421	4300	LOC-INJ	Injection Location (C-108 Expired)	1315.1			20S	36E	33	20 FEL 165 FNL
3002504389000	FORTY ACRES ENERGY, LLC	STATE SPX 4	3895	PLUGOIL	PLUGGED	1520.15	2/23/1956	3/9/1956	20S	36E	33	1650 FEL 1650 FNL
3002546840000	FORTY ACRES ENERGY, LLC	West Eumont Unit 422	4300	LOC-INJ	Injection Location (C-108 Expired)	1712.73			20S	36E	33	1240 FEL 165 FNL
3002504382000	HARVARD PETROLEUM CO LLC	COLL 1	3905	PLUGOIL	PLUGGED	1939.07	6/30/1954	7/23/1954	20S	36E	33	660 FEL 1980 FSL
3002504391000	FORTY ACRES ENERGY, LLC	West Eumont Unit 401	4085	OIL	[22800] EUMONT;YATES-7 RVRS-QUEEN (OIL)	1993.55	5/9/1954	6/15/1954	20S	36E	33	1980 FEL 660 FNL
3002504394000	FORTY ACRES ENERGY, LLC	West Eumont Unit 403	4100	OIL	[22800] EUMONT;YATES-7 RVRS-QUEEN (OIL)	2040.19	12/15/1954	1/24/1955	20S	36E	34	661 FWL 1981 FSL
3002504384000	CHARM OIL COMPANY	COLL 3	3890	PLUGOIL	PLUGGED	2152.92	10/26/1956	11/4/1956	20S	36E	33	1650 FEL 2310 FSL
3002504402000	FORTY ACRES ENERGY, LLC	West Eumont Unit 406	3885	TA	[22800] EUMONT;YATES-7 RVRS-QUEEN (OIL)	2191.25	3/25/1955	8/5/1955	20S	36E	34	1980 FWL 1980 FNL
3002504354000	FORTY ACRES ENERGY, LLC	West Eumont Unit 606	3990	OIL	[22800] EUMONT;YATES-7 RVRS-QUEEN (OIL)	2242.1	2/11/1955	3/1/1955	20S	36E	27	660 FWL 660 FSL
3002504365000	HAWKINS OIL & GAS INCORPORATED	MAGRUDER-STATE 3	3890	PLUGOIL	PLUGGED	2261.42	4/20/1955	4/26/1955	20S	36E	28	990 FEL 660 FSL
3002504398000	STRATA PETROLEUM COMPANY	CATRON-STATE 1	3860	PLUGOIL	PLUGGED	2264.49	10/26/1954	1/30/1955	20S	36E	34	1980 FWL 660 FNL
3002527195000	FORTY ACRES ENERGY, LLC	West Eumont Unit 414	4396	GAS	[76480] EUMONT;YATES-7 RVRS-QUEEN (GAS)	2397.93	4/3/1981	6/10/1981	20S	36E	34	1980 FWL 330 FNL

Exhibit B2

West Eumont Unit 420

1/2 Mile Radius

UWI/API	OPERATOR	WELLLABEL	TD	WELL TYPE	CURRENT ZONE	Distance from West Eumont Unit 420 (Feet)	SPUD_DATE	COMP_DATE	TOWNSHIP	RANGE	SECTION	FOOTAGE
3002546682000	**FORTY ACRES ENERGY, LLC**	**West Eumont Unit 420**	**4300**	**LOC-INJ**	**Injection Location (C-108 Expired)**	**0**			**20S**	**36E**	**33**	**1233 FEL 1237 FNL**
3002504389000	FORTY ACRES ENERGY, LLC	STATE SPX 4	3895	PLUGOIL	PLUGGED	605.73	2/23/1956	3/9/1956	20S	36E	33	1650 FEL 1650 FNL
3002504388000	FORTY ACRES ENERGY, LLC	West Eumont Unit 411	3925	OIL	[22800] EUMONT;YATES-7 RVRS-QUEEN (OIL)	792.96	11/4/1955	11/21/1955	20S	36E	33	660 FEL 660 FNL
3002504391000	FORTY ACRES ENERGY, LLC	West Eumont Unit 401	4085	OIL	[22800] EUMONT;YATES-7 RVRS-QUEEN (OIL)	906.75	5/9/1954	6/15/1954	20S	36E	33	1980 FEL 660 FNL
3002504387000	FORTY ACRES ENERGY, LLC	West Eumont Unit 410	3890	OIL	[22800] EUMONT;YATES-7 RVRS-QUEEN (OIL)	981.17	10/14/1955	10/26/1955	20S	36E	33	660 FEL 1980 FNL
3002546684000	FORTY ACRES ENERGY, LLC	West Eumont Unit 422	4300	LOC-INJ	Injection Location (C-108 Expired)	1063.91			20S	36E	33	1240 FEL 165 FNL
3002546681000	FORTY ACRES ENERGY, LLC	West Eumont Unit 419	4300	LOC-INJ	Injection Location (C-108 Expired)	1130.91			20S	36E	33	136 FEL 1475 FNL
3002504399000	STRATA PETROLEUM COMPANY	CATRON-STATE 2	3851	PLUGOIL	PLUGGED	1592.43	7/4/1955	8/15/1955	20S	36E	34	330 FWL 990 FNL
3002546683000	FORTY ACRES ENERGY, LLC	West Eumont Unit 421	4300	LOC-INJ	Injection Location (C-108 Expired)	1618.92			20S	36E	33	20 FEL 165 FNL
3002546680000	FORTY ACRES ENERGY, LLC	West Eumont Unit 416	4300	LOC-INJ	Injection Location (C-108 Expired)	1697.16			20S	36E	33	150 FEL 2530 FNL
3002504384000	CHARM OIL COMPANY	COLL 3	3890	PLUGOIL	PLUGGED	1823.85	10/26/1956	11/4/1956	20S	36E	33	1650 FEL 2310 FSL
3002504365000	HAWKINS OIL & GAS INCORPORATED	MAGRUDER-STATE 3	3890	PLUGOIL	PLUGGED	1871.61	4/20/1955	4/26/1955	20S	36E	28	990 FEL 660 FSL
3002504363000	FORTY ACRES ENERGY, LLC	West Eumont Unit 603	3942	OIL	[22800] EUMONT;YATES-7 RVRS-QUEEN (OIL)	1998.13	6/8/1954	7/6/1954	20S	36E	28	1980 FEL 660 FSL
3002504401000	FORTY ACRES ENERGY, LLC	West Eumont Unit 405	3890	OIL	[22800] EUMONT;YATES-7 RVRS-QUEEN (OIL)	2064.63	3/15/1955	3/30/1955	20S	36E	34	660 FWL 1980 FNL
3002504381000	FORTY ACRES ENERGY, LLC	West Eumont Unit 407	3915	OIL	[22800] EUMONT;YATES-7 RVRS-QUEEN (OIL)	2112.99	4/21/1955	5/7/1955	20S	36E	33	1980 FWL 1650 FNL
3002504379000	FORTY ACRES ENERGY, LLC	West Eumont Unit 404	3919	OIL	[22800] EUMONT;YATES-7 RVRS-QUEEN (OIL)	2137.36	2/22/1955	4/4/1955	20S	36E	33	1980 FWL 660 FNL
3002504382000	HARVARD PETROLEUM CO LLC	COLL 1	3905	PLUGOIL	PLUGGED	2190.93	6/30/1954	7/23/1954	20S	36E	33	660 FEL 1980 FSL
3002504390000	CHARM OIL COMPANY	STATE SU 1	3980	PLUGOIL	PLUGGED	2206.2	5/28/1954	6/8/1954	20S	36E	33	1980 FWL 1980 FNL

Exhibit B3

West Eumont Unit 421

1/2 Mile Radius

UWI/API	OPERATOR	WELLLABEL	TD	WELLTYPE	CURRENT ZONE	Distance from West Eumont Unit 421 (Feet)	SPUD_DATE	COMP_DATE	TOWNSHIP	RANGE	SECTION	FOOTAGE
3002546683000	**FORTY ACRES ENERGY, LLC**	**West Eumont Unit 421**	**4300**	**LOC-INJ**	**Injection Location (C-108 Expired)**	**0**			**20S**	**36E**	**33**	**20 FEL 165 FNL**
3002504388000	FORTY ACRES ENERGY, LLC	West Eumont Unit 411	3925	OIL	[22800] EUMONT;YATES-7 RVRS-QUEEN (OIL)	826.09	11/4/1955	11/21/1955	20S	36E	33	660 FEL 660 FNL
3002504399000	STRATA PETROLEUM COMPANY	CATRON-STATE 2	3851	PLUGOIL	PLUGGED	939.13	7/4/1955	8/15/1955	20S	36E	34	330 FWL 990 FNL
3002504354000	FORTY ACRES ENERGY, LLC	West Eumont Unit 606	3990	OIL	[22800] EUMONT;YATES-7 RVRS-QUEEN (OIL)	1044.59	2/11/1955	3/1/1955	20S	36E	27	660 FWL 660 FSL
3002546840000	FORTY ACRES ENERGY, LLC	West Eumont Unit 422	4300	LOC-INJ	Injection Location (C-108 Expired)	1219.83			20S	36E	33	1240 FEL 165 FNL
3002504365000	HAWKINS OIL & GAS INCORPORATED	MAGRUDER-STATE 3	3890	PLUGOIL	PLUGGED	1240.94	4/20/1955	4/26/1955	20S	36E	28	990 FEL 660 FSL
3002546681000	FORTY ACRES ENERGY, LLC	West Eumont Unit 419	4300	LOC-INJ	Injection Location (C-108 Expired)	1315.1			20S	36E	33	136 FEL 1475 FNL
3002546682000	FORTY ACRES ENERGY, LLC	West Eumont Unit 420	4300	LOC-INJ	Injection Location (C-108 Expired)	1618.92			20S	36E	33	1233 FEL 1237 FNL
3002504355000	EVANS JAMES L	STATE A 1	3920	PLUGOIL	PLUGGED	1807.04	9/17/1956	10/6/1956	20S	36E	27	330 FWL 1650 FSL
3002504387000	FORTY ACRES ENERGY, LLC	West Eumont Unit 410	3890	OIL	[22800] EUMONT;YATES-7 RVRS-QUEEN (OIL)	1958.74	10/14/1955	10/26/1955	20S	36E	33	660 FEL 1980 FNL
3002504401000	FORTY ACRES ENERGY, LLC	West Eumont Unit 405	3890	OIL	[22800] EUMONT;YATES-7 RVRS-QUEEN (OIL)	1979.87	3/15/1955	3/30/1955	20S	36E	34	660 FWL 1980 FNL
3002504391000	FORTY ACRES ENERGY, LLC	West Eumont Unit 401	4085	OIL	[22800] EUMONT;YATES-7 RVRS-QUEEN (OIL)	2017.28	5/9/1954	6/15/1954	20S	36E	33	1980 FEL 660 FNL
3002504366000	FORTY ACRES ENERGY, LLC	West Eumont Unit 608	3898	OIL	[22800] EUMONT;YATES-7 RVRS-QUEEN (OIL)	2019.78	8/23/1955	9/16/1955	20S	36E	28	990 FEL 1650 FSL
3002527195000	FORTY ACRES ENERGY, LLC	West Eumont Unit 414	4396	GAS	[76480] EUMONT;YATES-7 RVRS-QUEEN (GAS)	2023.17	4/3/1981	6/10/1981	20S	36E	34	1980 FWL 330 FNL
3002504398000	STRATA PETROLEUM COMPANY	CATRON-STATE 1	3860	PLUGOIL	PLUGGED	2082.92	10/26/1954	1/30/1955	20S	36E	34	1980 FWL 660 FNL
3002504363000	FORTY ACRES ENERGY, LLC	West Eumont Unit 603	3942	OIL	[22800] EUMONT;YATES-7 RVRS-QUEEN (OIL)	2103.94	6/8/1954	7/6/1954	20S	36E	28	1980 FEL 660 FSL
3002504389000	FORTY ACRES ENERGY, LLC	STATE SPX 4	3895	PLUGOIL	PLUGGED	2221.06	2/23/1956	3/9/1956	20S	36E	33	1650 FEL 1650 FNL
3002546800000	FORTY ACRES ENERGY, LLC	West Eumont Unit 416	4300	LOC-INJ	Injection Location (C-108 Expired)	2368.76			20S	36E	33	150 FEL 2530 FNL

Exhibit B4

West Eumont Unit 422

1/2 Mile Radius

UWI/API	OPERATOR	WELL LABEL	ID	WELL TYPE	CURRENT ZONE	Distance from West Eumont Unit 422 (Feet)	SPUD_DATE	COMP_DATE	TOWNSHIP	RANGE	SECTION	FOOTAGE
3002546684000	**FORTY ACRES ENERGY, LLC**	**West Eumont Unit 422**	**4300**	**LOC-INJ**	**Injection Location (C-108 Expired)**	**0**			**20S**	**36E**	**33**	**1240 FEL 165 FNL**
3002504388000	FORTY ACRES ENERGY, LLC	West Eumont Unit 411	3925	OIL	[22800] EUMONT;YATES-7 RVRS-QUEEN (OIL)	797.3	11/4/1955	11/21/1955	20S	36E	33	660 FEL 660 FNL
3002504365000	HAWKINS OIL & GAS INCORPORATED	MAGRUDER-STATE 3	3890	PLUGOIL	PLUGGED	831.6	4/20/1955	4/26/1955	20S	36E	28	990 FEL 660 FSL
3002504391000	FORTY ACRES ENERGY, LLC	West Eumont Unit 401	4085	OIL	[22800] EUMONT;YATES-7 RVRS-QUEEN (OIL)	896.88	5/9/1954	6/15/1954	20S	36E	33	1980 FEL 660 FNL
3002546682000	FORTY ACRES ENERGY, LLC	West Eumont Unit 420	4300	LOC-INJ	Injection Location (C-108 Expired)	1063.91			20S	36E	33	1233 FEL 1237 FNL
3002504363000	FORTY ACRES ENERGY, LLC	West Eumont Unit 603	3942	OIL	[22800] EUMONT;YATES-7 RVRS-QUEEN (OIL)	1079.15	6/8/1954	7/6/1954	20S	36E	28	1980 FEL 660 FSL
3002546683000	FORTY ACRES ENERGY, LLC	West Eumont Unit 421	4300	LOC-INJ	Injection Location (C-108 Expired)	1219.83			20S	36E	33	20 FEL 165 FNL
3002504389000	FORTY ACRES ENERGY, LLC	STATE SPX 4	3895	PLUGOIL	PLUGGED	1569.37	2/23/1956	3/9/1956	20S	36E	33	1650 FEL 1650 FNL
3002546681000	FORTY ACRES ENERGY, LLC	West Eumont Unit 419	4300	LOC-INJ	Injection Location (C-108 Expired)	1712.73			20S	36E	33	136 FEL 1475 FNL
3002504366000	FORTY ACRES ENERGY, LLC	West Eumont Unit 608	3898	OIL	[22800] EUMONT;YATES-7 RVRS-QUEEN (OIL)	1798.14	8/23/1955	9/16/1955	20S	36E	28	990 FEL 1650 FSL
3002504399000	STRATA PETROLEUM COMPANY	CATRON-STATE 2	3851	PLUGOIL	PLUGGED	1802.29	7/4/1955	8/15/1955	20S	36E	34	330 FWL 990 FNL
3002504387000	FORTY ACRES ENERGY, LLC	West Eumont Unit 410	3890	OIL	[22800] EUMONT;YATES-7 RVRS-QUEEN (OIL)	1942.17	10/14/1955	10/26/1955	20S	36E	33	660 FEL 1980 FNL
3002504354000	FORTY ACRES ENERGY, LLC	West Eumont Unit 606	3990	OIL	[22800] EUMONT;YATES-7 RVRS-QUEEN (OIL)	2067.12	2/11/1955	3/1/1955	20S	36E	27	660 FWL 660 FSL
3002504379000	FORTY ACRES ENERGY, LLC	West Eumont Unit 404	3919	OIL	[22800] EUMONT;YATES-7 RVRS-QUEEN (OIL)	2129.19	2/22/1955	4/4/1955	20S	36E	33	1980 FWL 660 FNL
3002504359000	FORTY ACRES ENERGY, LLC	West Eumont Unit 604	3934	OIL	[22800] EUMONT;YATES-7 RVRS-QUEEN (OIL)	2216.45	1/5/1955	1/22/1955	20S	36E	28	1980 FWL 660 FSL
3002504364000	FORTY ACRES ENERGY, LLC	West Eumont Unit 607	3892	OIL	[22800] EUMONT;YATES-7 RVRS-QUEEN (OIL)	2235.57	4/2/1955	4/25/1955	20S	36E	28	1980 FEL 1980 FSL
3002504355000	EVANS JAMES L	STATE A 1	3920	PLUGOIL	PLUGGED	2374.29	9/17/1956	10/6/1956	20S	36E	27	330 FWL 1650 FSL
3002504381000	FORTY ACRES ENERGY, LLC	West Eumont Unit 407	3915	OIL	[22800] EUMONT;YATES-7 RVRS-QUEEN (OIL)	2556.47	4/21/1955	5/7/1955	20S	36E	33	1980 FWL 1650 FNL
3002546800000	FORTY ACRES ENERGY, LLC	West Eumont Unit 416	4300	LOC-INJ	Injection Location (C-108 Expired)	2603.87			20S	36E	33	150 FEL 2530 FNL

Exhibit B5

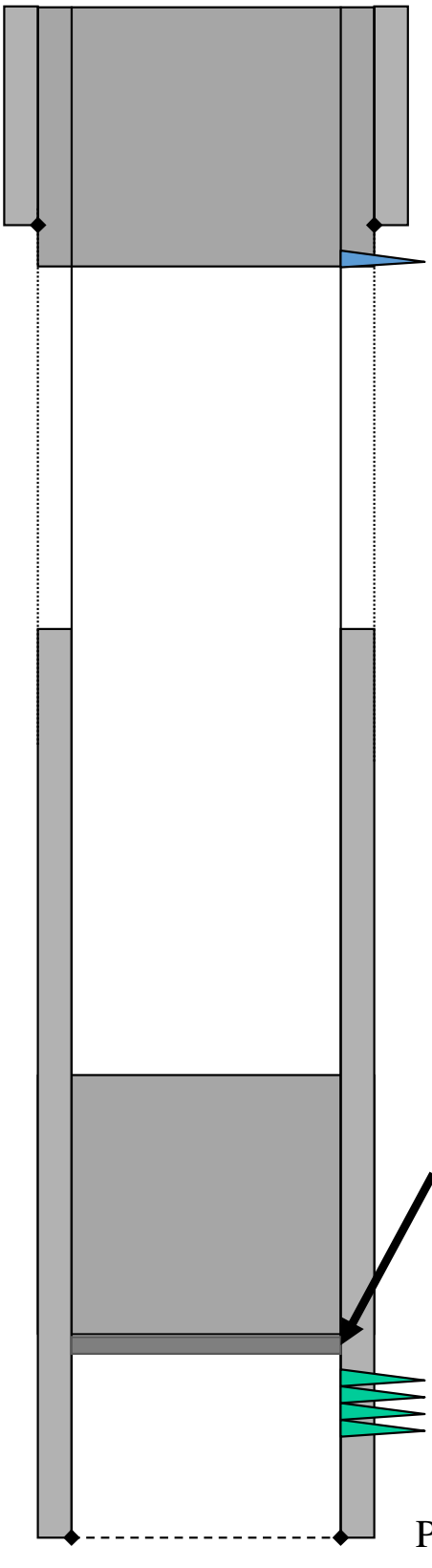
Part VI. Continued

Plugged Wellbore Diagrams

STATE A 1

VI. Exhibit C1

API # 30-025-04355
1650 FSL & 330 FWL
Section 27, T20S, R36E Lea Co., NM
Eumont Field



Surf Csg: 8 5/8" 24# @ 251' w/ 200 sx.

Perf 5 ½" casing @ 261'.
Pump 50 sacks down 5 ½" to 261'
up to surface.

Pump 35 sacks of Class C Cement
down 5 ½" at 3700'. Pulled up, waited
on cement, and tagged cement at
3350'.

7 Rivers perfs:
3752-86', 3790-96', 3824-34', 3839-52',
& 3856-62'

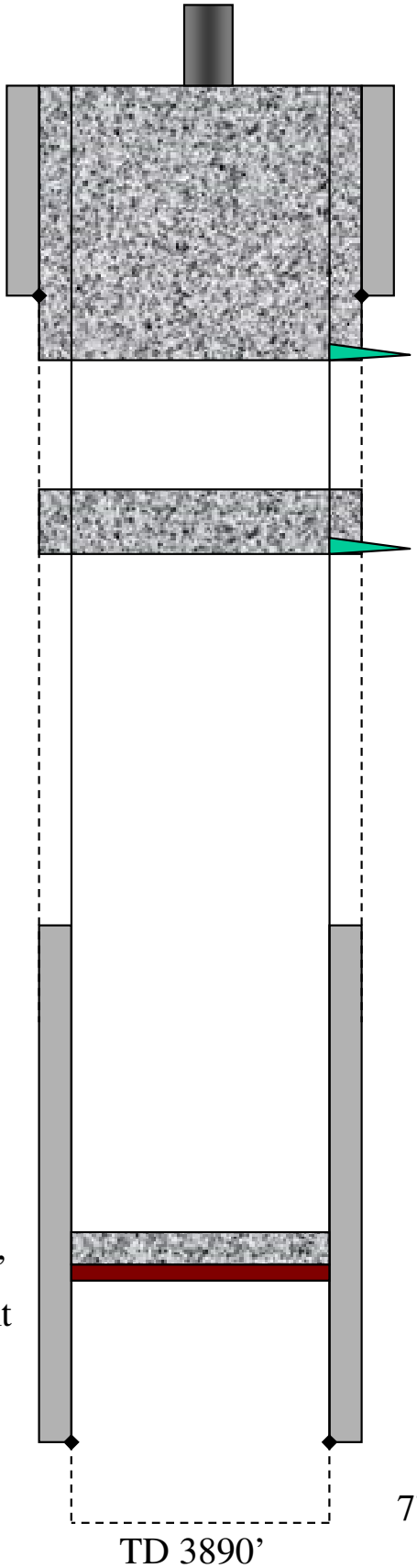
Prod Csg: 5 1/2" 14# @ 3920' w/ 400 sx.

TD 3920'

MAGRUDER STATE #3

VI. Exhibit C2

API # 30-025-04365
660 FSL & 990 FEL
Section 28, T20S, R36E Lea Co., NM
Eumont Field



Status: P&A 10/97

10 3/4" 49# @ 318' w/ 275 sx, Circ.

Perf 368', Circ w/ 140 sx. TOC 0'.

Perf 1825', sqz w/ 25 sx displaced to 1725'. TOC 1720'.

Tops:
Anhy 1775'
Salt 1873'
B.Salt 3210'
Yates 3420'
7R Dolo 3845'

Activity:
4/55: 500 gal acid, 10000 gal oil frac
3/85: 1500 gal acid
4/87: 3000 gal acid
10/97: P&A.

CIBP 3600'
W/ 5 sx cmt

7 Rivers OH:
3845-70, 75-90'

7" 20# J-55@ 3840' w/ 200 sx .

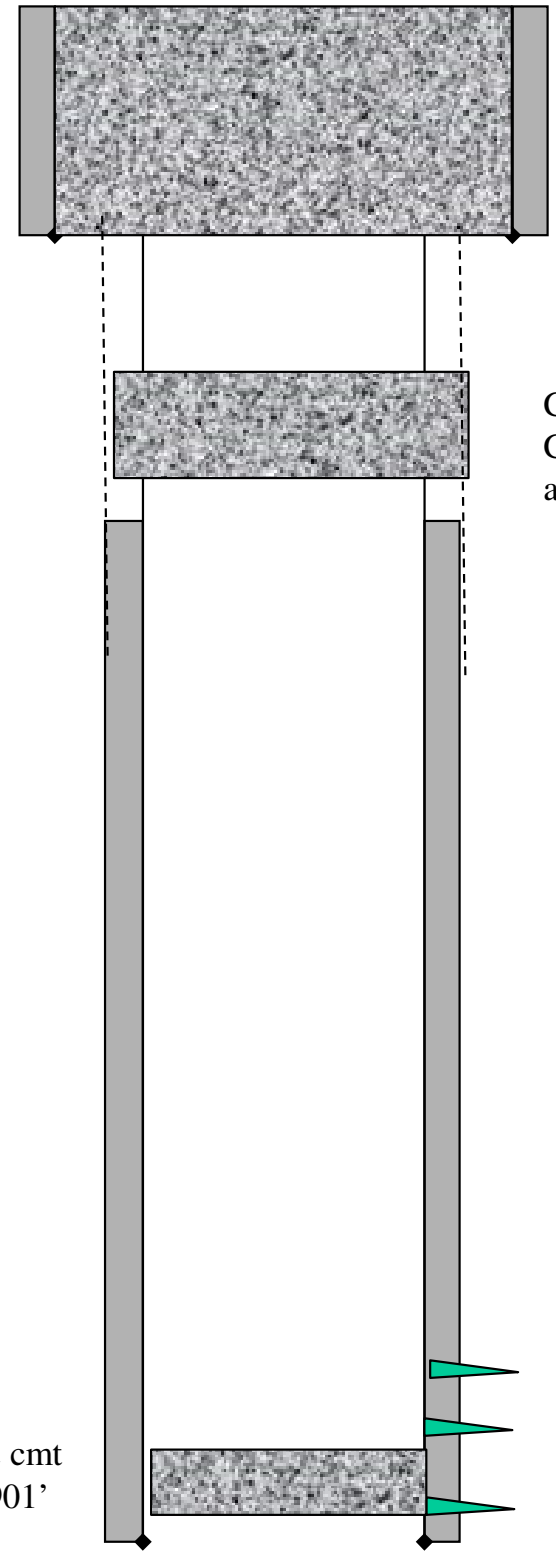
Current
9/2005

TD 3890'

VI. Exhibit C3

COLL #1

API # 30-025-04382
1980 FSL & 660 FEL
Section 33, T20S, R36E Lea Co., NM
Eumont Field



Status: Plugged (2/98)

10 ¾" 40# @ 240' w/ 175 sx. Circ.

150 sx down & around 7"

Csg test, leak between 870-941'
Collapsed csg @ 810'. Perf 4 holes
at 600'. Sqz w/ 20 sx

7 Rivers perfs:
3742-66', 3796-3806', 3842-53'

3865-71'

3891-3903'

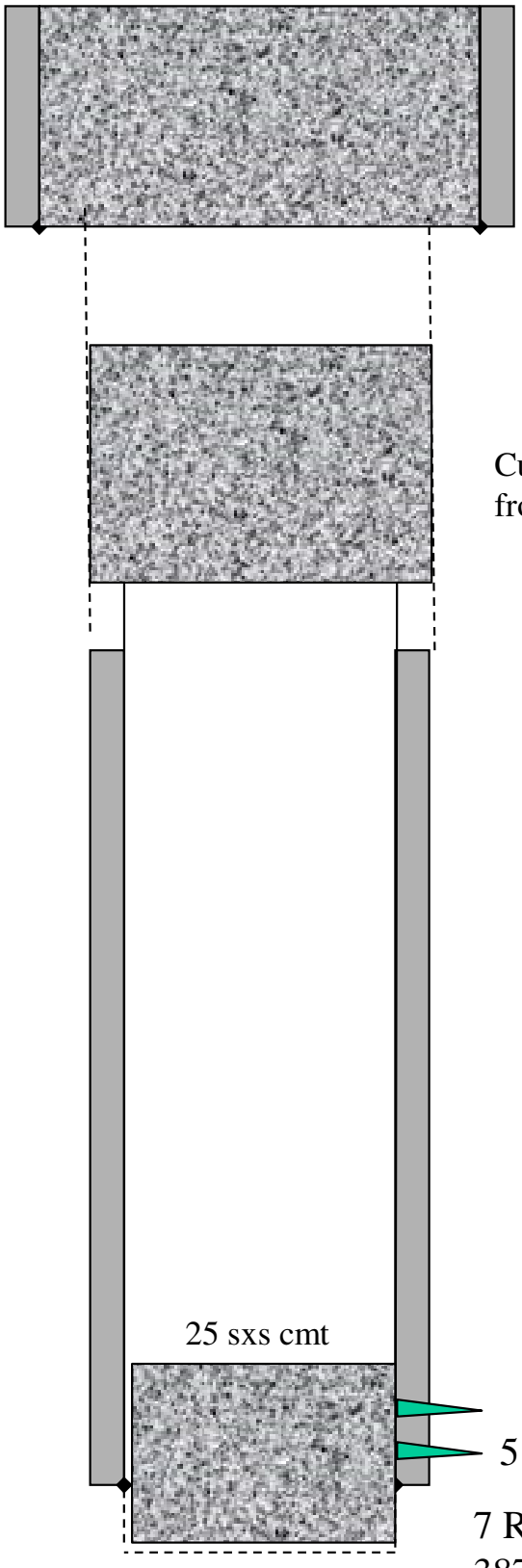
cmt rtnr & cmt
3878 to 3901'

7" 20# J-55@ 3905' w/ 400 sx, TOC 977'

VI. Exhibit C4

COLL #3

API # 30-025-04384
2310 FSL & 1650 FEL
Section 33, T20S, R36E Lea Co., NM
Eumont Field



Status: Plugged

8 5/8" 24# @ 268' w/ 200 sx. Circ.

Spot 25 sxs cmt @ 268'

Cut csg @ 1500'. Spot 25 sxs cmt from 1500'

7 Rivers perfs:
3808-18', 3835-45'

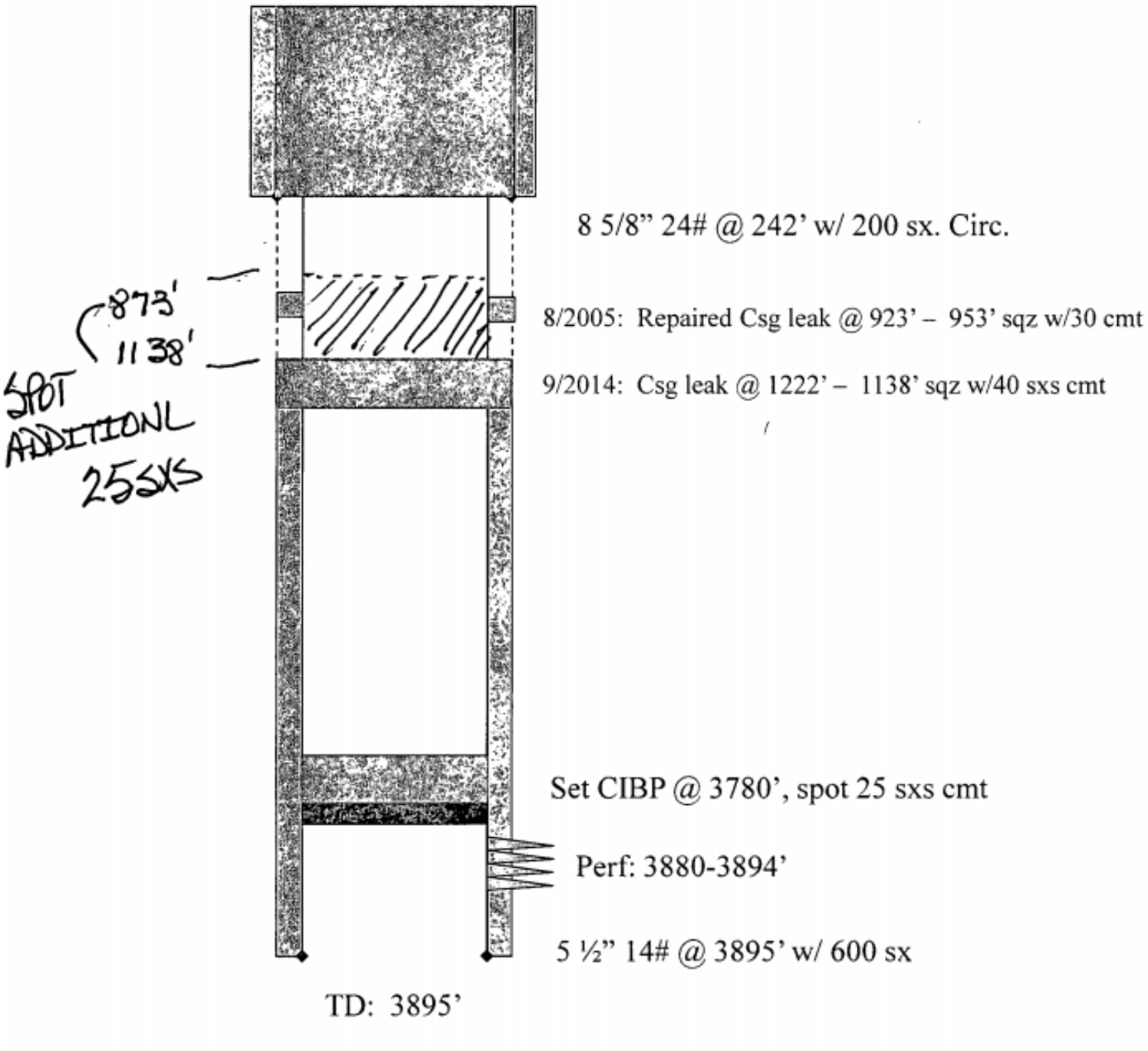
5 ½" 14# J-55@ 3872' w/ 200 sx,

7 Rivers OH:
3872-90'

STATE SPX #4

VI. Exhibit C5

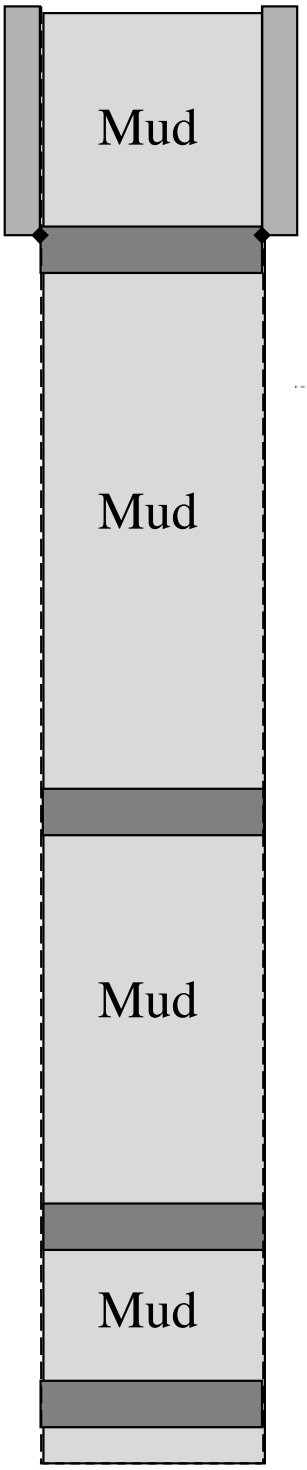
API # 30-025-04389
1650 FNL & 1650 FEL
Section 33, T20S, R36E Lea Co., NM
Eumont Field



VI. Exhibit C6

STATE SU 1

API # 30-025-04390
1980 FWL 1980 FNL
Section 33, T20S, R36E Lea Co., NM
Eumont Field



10-3/4" Casing @ 266' w/ 175 sx. Circ.

20 sack cement plug @ 274'

June 8, 1954

Hole was full of rotary mud of 38 viscosity and 5 water loss. Ran in drill pipe and set 20 sack cement plugs at 3800', 3400', 2000', and 274', using Halliburton to mix and pump cement. In that manner, sealed off bottom water the salt section, and the surfact waters.

20 sack cement plug @ 2000'

20 sack cement plug @ 3400'

20 sack cement plug @ 3800'

TD 3860'

SEALE FEDERAL #2

VI. Exhibit C7

API # 30-025-04395
1983 FSL & 1983 FWL
Section 34, T20S, R36E Lea Co., NM
Eumont Field

Status: P&A 1/5/2010

DST#1: 3650-93'
Rec 360' gas, 90' GCM.
DST#2: 3694-3718'
Rec 20' DM,
DST#3: 3743-80' GTS
2 min. Meas 2100 mcfd rate
Rec 190' GCM
DST#4: 3782-3830' Fair Blow.
GTS 55 min. Rec 3540' Gas,
240' GCM
DST #5: 3830-3900'
Rec 125' DM

Cement to surface
Spot 30 sack plug at 251' (1/5/2010)

Circ w/ 50 sx cmt out 8 5/8" csg. Sqz ½ bbl.
TOC inside 5 ½" csg @ 80'. Perfs @ 175' (5/2007)

8 5/8" 24# @ 267' w/ 200 sx. Circ.

Tag top of plug at 251'
Spot 12 sack plug at 378' (1/4/2010)

Potential:
None

Tag top of plug at 1584'
Spot 35 sack plug at 1920'
1/4/2010

Stimulation:
9/55: 3788-3803' 500 gal MA, 5000 gal oil, 5000# sd
3834-50' 500 gal ret acid, 5000 gal oil, 2500# sd
CIBP 3825' + 1 sx cmt. CIBP 3784' + 1 sx cmt.
3749-76' 500 gal MCA, 10000 gal oil, 10000# sd
4/80: 2000 gal acid, 40000 gal gel, 40000# sd
8/82: 1200 gal acid

1/06: Tst csg. Found hole, 126 to 156'.
5/07: Perf @ 175'. Pump 50 sx Cl. C dn csg out 8 5/8" csg
W/ cmt to surface, sqz ½ bbl cmt. Tag TOC @ 80'.
P.Hutchings w/ BLM signed MIT chart. Tested 500# for 30 min. OK

Tag top of plug at 2800'
Spot 50 sack plug at 3300'
12/31/2009

CIBP 3600'

CIBP 3784'
CIBP 3825'

Yates, 7 Rivers:
3360-63, 3375-77, 3388-90, 3447-49, 3454-56, 3458-62, 3495-97,
3609-14, 3620-23, 2660-80, 3708, 3746-53'
3749-76'

3788-3803'
3834-50'

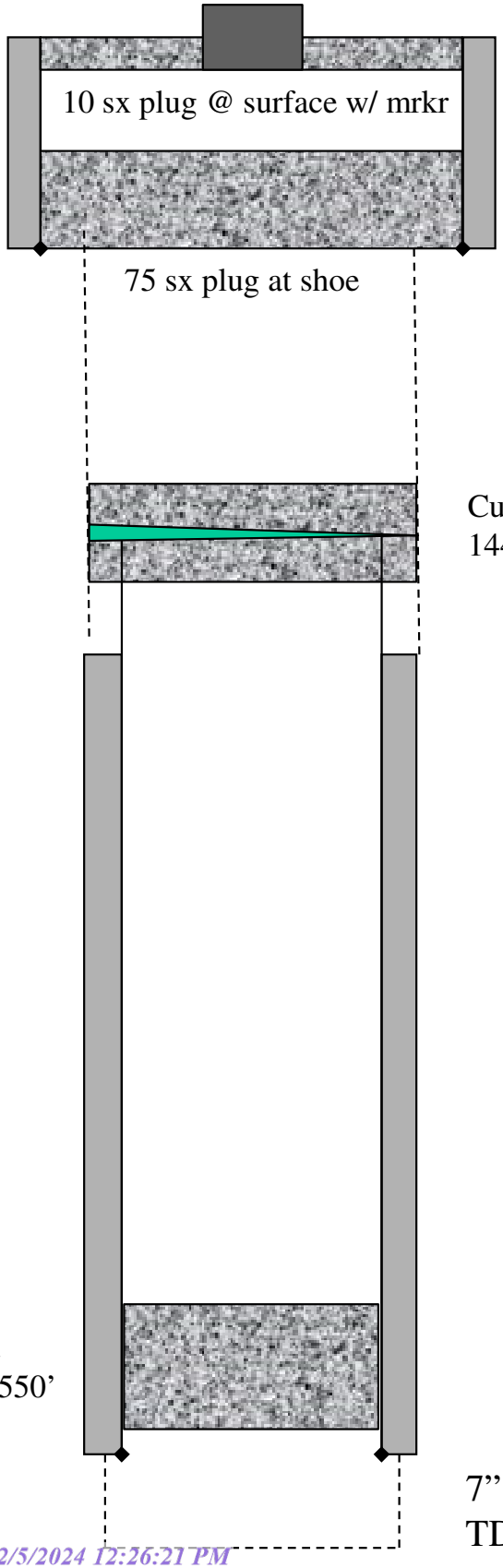
Current
9/13/2016

5 ½" 14# J-55@ 3899' w/ 1550 sx, TOC 280'

CATRON STATE #1

VI. Exhibit C8

API # 30-025-04398
660 FNL & 1980 FWL
Section 34, T20S, R36E Lea Co., NM
Eumont Field



Status: Plugged (3/71)

13 3/8" @ 300' w/ 150 sx. Circ.

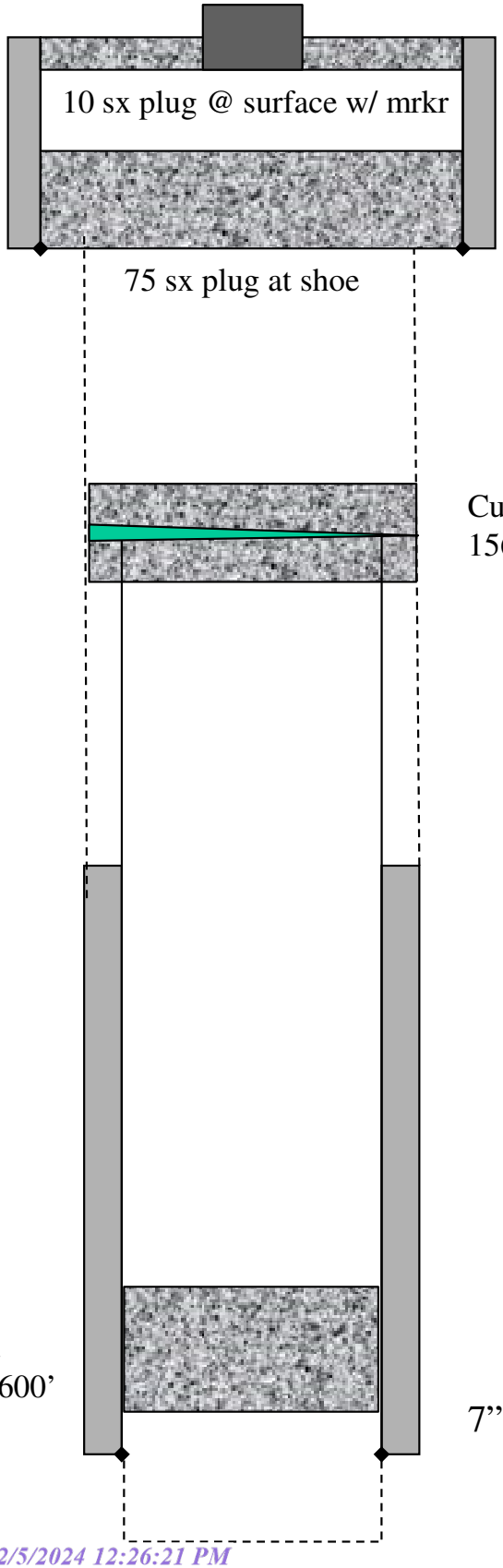
7 Rivers OH:
3710-3860'

7" 20# J-55@ 3710' w/ 300 sx
TD 3860'

CATRON STATE #2

VI. Exhibit C9

API # 30-025-04399
990 FNL & 330 FWL
Section 34, T20S, R36E Lea Co., NM
Eumont Field



Status: Plugged (5/71)

13 3/8" @ 210' w/ 210 sx. Circ.

Cut off csg @ 1600', cmt plug
1560-1650'

7 Rivers OH:
3803-51'

7" 20# J-55@ 3803' w/ 150 sx

VII. Proposed Injection Operation

1. Average injection rate target will be ~550 bpd. Maximum injection rate will be 1,000 bpd. These numbers are based off of typical injection rates in nearby Yates-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 ~760 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 perforation depths of approximately 3,800' (or 760 psi maximum injection pressure). Pending results of a step rate test, the maximum injection pressure could potentially be increased to a factor of 0.5 psi/ft (or 1900 psi at 3,800').

4. The water source will be produced water from a combination of the Rice SWD system and several potential unit wells if additional supply is needed. The source water will be predominately Grayburg and San Andres formation water which will be treated with 35-50 ppm scale inhibitor.

5. Injection will be into the Yates-Seven Rivers-Queen formation, which is immediately productive in the area.

VIII. Geologic Data

The waterflood will be injecting into the Yates-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 (West Eumont Unit #410) 30-025-04387	Contents
Alluvium	GL	Fresh Water
Rustler	1760	Anhydrite
Salado (top of salt)	1959	Salt
Tansil (base of salt)	3303	Gas, Oil, & Water
Yates	3485	Gas, Oil, & Water
Seven Rivers	3864	Gas, Oil, & Water
Y-SR-Q Injection Interval	*3400-4000*	*Gas, Oil, & Water*
Total Depth	4300	
Queen	*4280*	*Gas, Oil, & Water*
Grayburg	*4400*	*Gas, Oil, & Water*

IX. Proposed Stimulation Program

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

X. Logging and Test Data for Wells

These will be new drill injectors.

XI. Chemical Analysis of Fresh Water Wells

According to records from the Office of the State Engineer (Exhibit D-1 through D-5) there are no ACTIVE or INACTIVE water wells within the 1 mile radius around the proposed WEST EUMONT UNIT 420 and 422, and 1 ACTIVE and 1 INACTIVE water well within a 1 mile radius of location WEST EUMONT UNIT 416, 419, and 421. There are no ACTIVE water wells within the ½ mile radius of these locations. No existing underground drinking water sources are above or below the Yates-Seven Rivers-Queen reservoir within a mile radius. See **Exhibits D1-D5**.

Forty Acres Energy has obtained water analyses on 2 fresh water wells. The closest water well, the CP-00602, is between 2.3 and 2.78 miles away from each location, 300' (md) deep, and considered a "shallow" water supply. The second well, the CP-00587, is between 3.2 and 3.6 miles away from each location, 250'(md) deep, and considered a "shallow" water supply. See **Exhibits E1, E2, and E3**.

Exhibit E4 is an example water analysis of the waters being injected into the current WEST EUMONT UNIT injectors.

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. Forty Acres Energy, LLC is the only offset operator.
Surface Owners: Cooper Family Trust
BLM in unit
SLO in unit

Well 1: West Eumont Unit 416
Location: Twn 20S Rge 36E Sec 33
Footages: 2530 FNL 150 FEL
County: Lea

XI. Exhibit D1a

Location For Office of the State Engineer:
NAD 1983 UTM Zone 13
Easting (X): **654838.353** mtrs
Northing (Y): **3600375.736** mtrs

Water Wells Within 1 Mile Radius

1 Active & 1 Inactive

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	Twn	Rng	X	Y	Distance	Depth Well	Depth Water	Water Column
L 02540	Not Drilled	L	LE	3	4	2	34	20S	36E	656191	3600456*	1355			
L 02552	Still Active?	L	LE		4	2	34	20S	36E	656292	3600557*	1464	80	45	35

Average Depth to Water: **45 feet**
Minimum Depth: **45 feet**
Maximum Depth: **45 feet**

Record Count: 2

Basin/County Search:

County: Lea

UTMNAD83 Radius Search (in meters):

Easting (X): 654838.353 **Northing (Y):** 3600375.736 **Radius:** 1609.3

***UTM location was derived from PLSS - see Help**

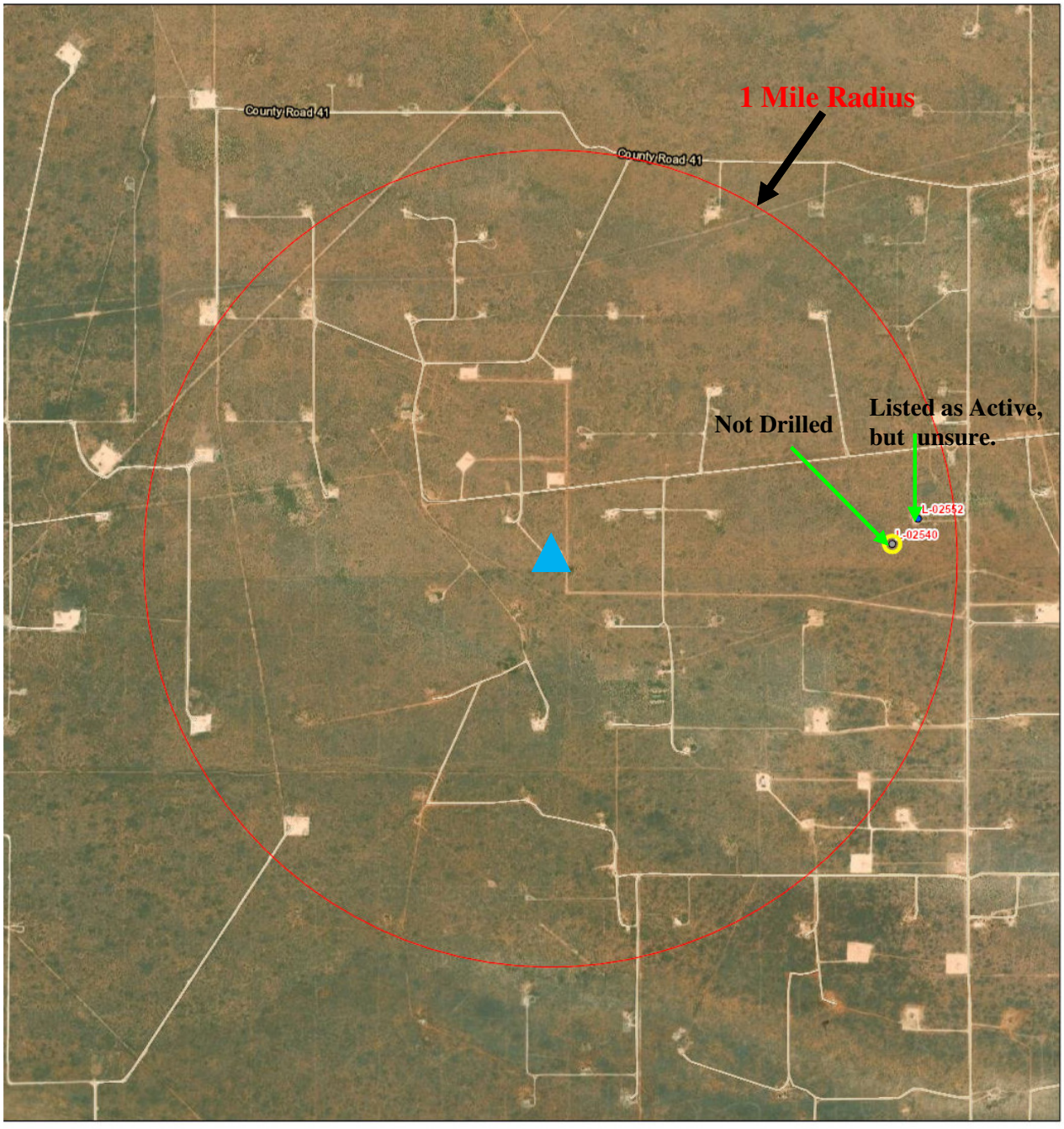
3/1/22 1:30 PM

WATER COLUMN/ AVERAGE DEPTH TO WATER

Well 1: West Eumont Unit 416
Location: Twn 20S Rge 36E Sec 33
Footages: 2530 FNL 150 FEL
County: Lea

XI. Exhibit D1b

Location For Office of the State Engineer:
NAD 1983 UTM Zone 13
Easting (X): **654838.353** mtrs
Northing (Y): **3600375.736** mtrs



Well 2: West Eumont Unit 419
Location: Twn 20S Rge 36E Sec 33
Footages: 1475 FNL 136 FEL
County: Lea

XI. Exhibit D2a

Location For Office of the State Engineer:
NAD 1983 UTM Zone 13
Easting (X): **654837.454** mtrs
Northing (Y): **3600697.359** mtrs

Water Wells Within 1 Mile Radius

1 Active & 1 Inactive

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	Twn	Rng	X	Y	Distance	Depth Well	Depth Water	Water Column
L 02540	**Not Drilled**	L	LE	3	4	2	34	20S	36E	656191	3600456*	1374			
L 02552	**Still Active?**	L	LE		4	2	34	20S	36E	656292	3600557*	1461	80	45	35

Average Depth to Water: **45 feet**
Minimum Depth: **45 feet**
Maximum Depth: **45 feet**

Record Count: 2

Basin/County Search:

County: Lea

UTMNAD83 Radius Search (in meters):

Easting (X): 654837.454 Northing (Y): 3600697.359 Radius: 1609.3

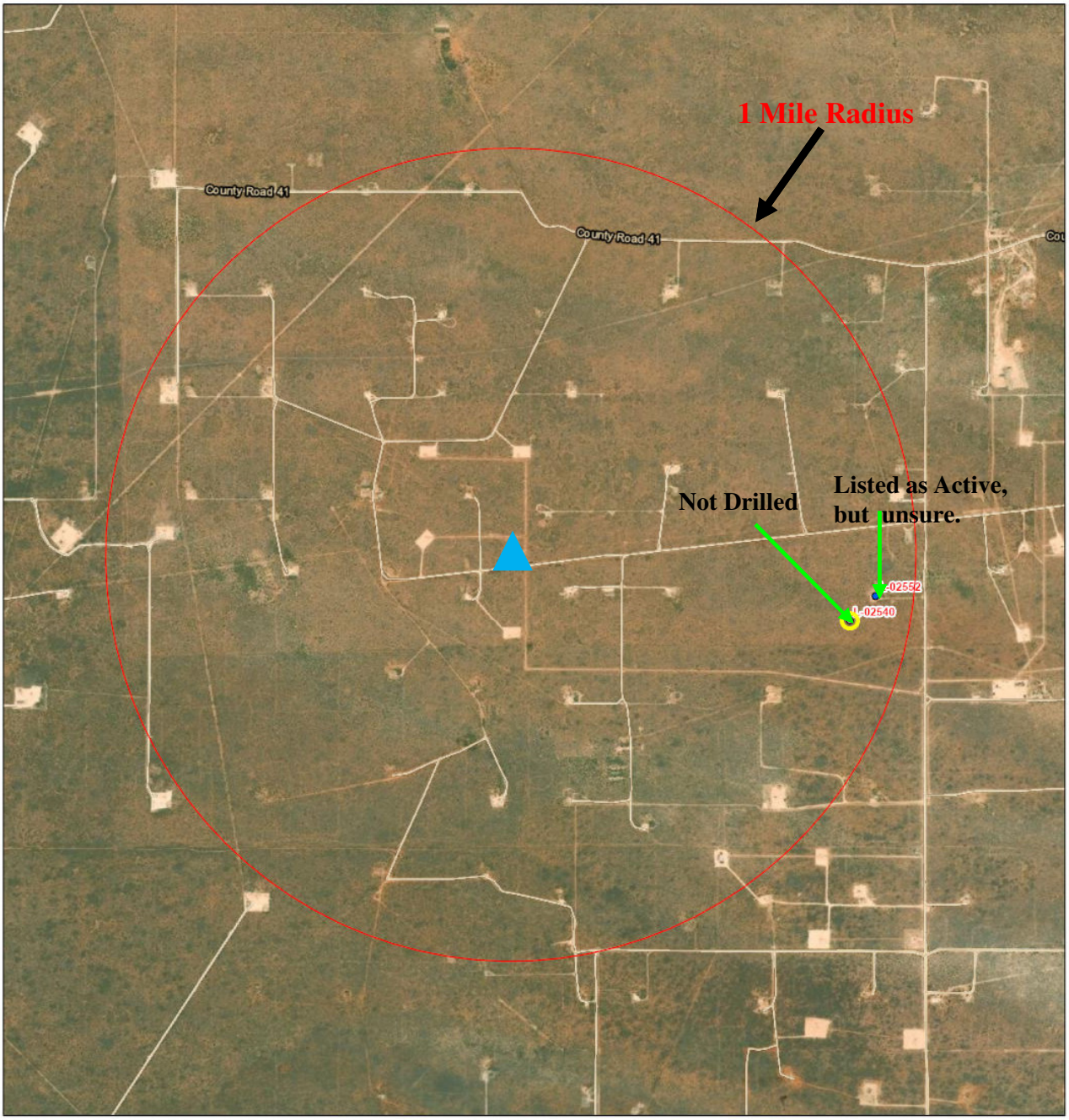
***UTM location was derived from PLSS - see Help**

3/1/22 1:40 PM WATER COLUMN/ AVERAGE DEPTH TO WATER

Well 2: West Eumont Unit 419
Location: Twn 20S Rge 36E Sec 33
Footages: 1475 FNL 136 FEL
County: Lea

XI. Exhibit D2b

Location For Office of the State Engineer:
NAD 1983 UTM Zone 13
Easting (X): **654837.454** mtrs
Northing (Y): **3600697.359** mtrs



Well 3: West Eumont Unit 420
Location: Twn 20S Rge 36E Sec 33
Footages: 1237 FNL 1233 FEL
County: Lea

XI. Exhibit D3a

Location For Office of the State Engineer:
NAD 1983 UTM Zone 13
Easting (X): **654499.840** mtrs
Northing (Y): **3600766.839** mtrs

Water Wells Within 1 Mile Radius

0 Active or Inactive

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:

County: Lea

UTMNAD83 Radius Search (in meters):

Easting (X): 654499.84 **Northing (Y):** 3600766.839 **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.

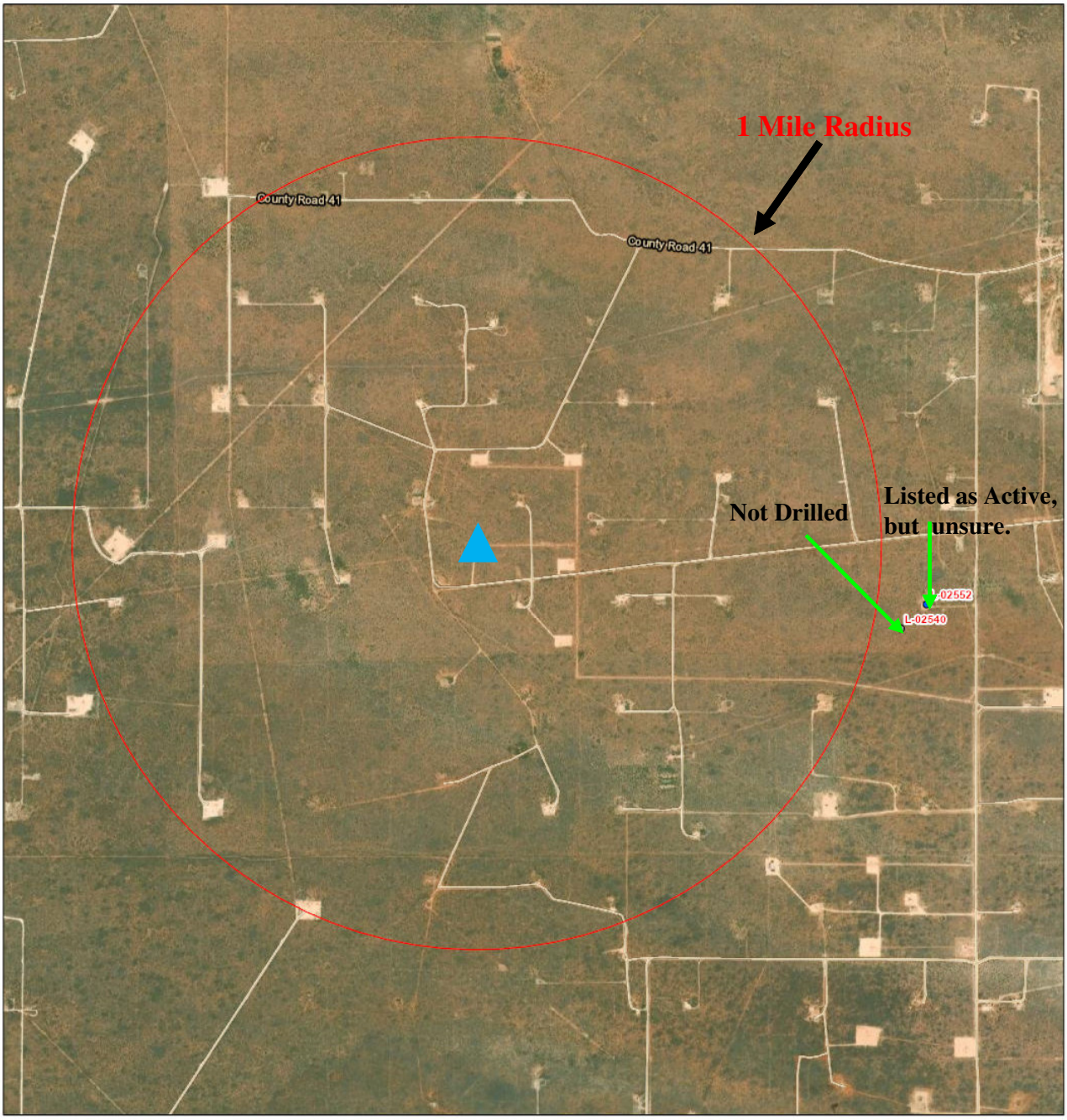
3/1/22 1:52 PM

WATER COLUMN/ AVERAGE DEPTH TO WATER

Well 3: West Eumont Unit 420
Location: Twn 20S Rge 36E Sec 33
Footages: 1237 FNL 1233 FEL
County: Lea

XI. Exhibit D3b

Location For Office of the State Engineer:
NAD 1983 UTM Zone 13
Easting (X): **654499.840** mtrs
Northing (Y): **3600766.839** mtrs



Well 4: West Eumont Unit 421
Location: Twn 20S Rge 36E Sec 33
Footages: 165 FNL 20 FEL
County: Lea

XI. Exhibit D4a

Location For Office of the State Engineer:
NAD 1983 UTM Zone 13
Easting (X): **654866.358** mtrs
Northing (Y): **3601097.130** mtrs

Water Wells Within 1 Mile Radius
1 Active & 1 Inactive

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	Twn	Rng	X	Y	Distance	Depth Well	Depth Water	Water Column
L 02540	**Not Drilled**	L	LE	3	4	2	34	20S	36E	656191	3600456*	1471			
L 02552	**Still Active?**	L	LE		4	2	34	20S	36E	656292	3600557*	1524	80	45	35

Average Depth to Water: **45 feet**
Minimum Depth: **45 feet**
Maximum Depth: **45 feet**

Record Count: 2

Basin/County Search:

County: Lea

UTMNAD83 Radius Search (in meters):

Easting (X): 654866.358 **Northing (Y):** 3601097.13 **Radius:** 1609.3

***UTM location was derived from PLSS - see Help**

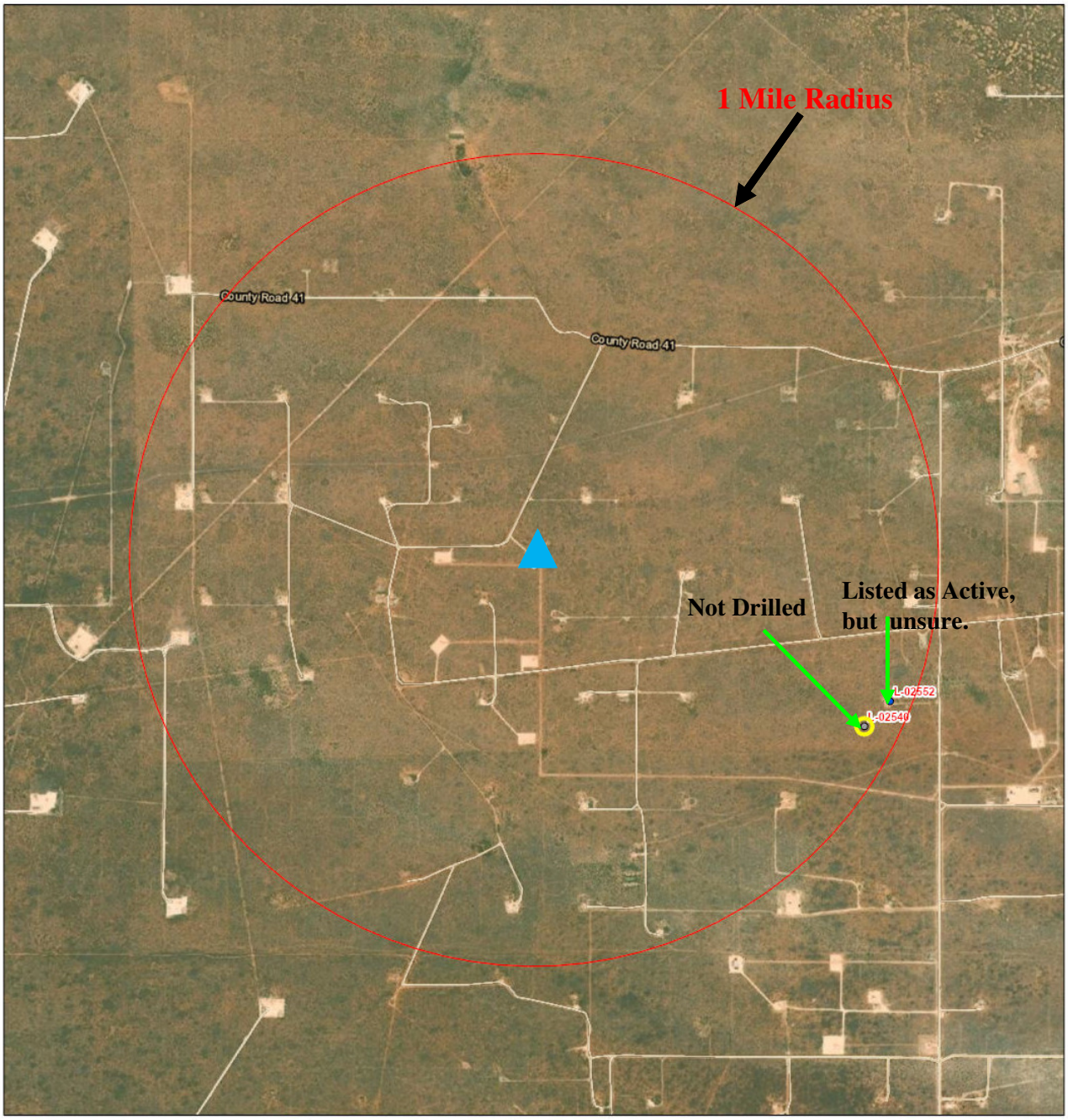
The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

3/1/22 1:59 PM WATER COLUMN/ AVERAGE DEPTH TO WATER

Well 4: West Eumont Unit 421
Location: Twn 20S Rge 36E Sec 33
Footages: 165 FNL 20 FEL
County: Lea

XI. Exhibit D4b

Location For Office of the State Engineer:
NAD 1983 UTM Zone 13
Easting (X): **654866.358** mtrs
Northing (Y): **3601097.130** mtrs



Well 5: West Eumont Unit 422
Location: Twn 20S Rge 36E Sec 33
Footages: 165 FNL 1240 FEL
County: Lea

XI. Exhibit D5a

Location For Office of the State Engineer:
NAD 1983 UTM Zone 13
Easting (X): **654494.658** mtrs
Northing (Y): **3601091.056** mtrs

Water Wells Within 1 Mile Radius

0 Active or Inactive

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:

County: Lea

UTMNAD83 Radius Search (in meters):

Easting (X): 654494.658 **Northing (Y):** 3601091 **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.

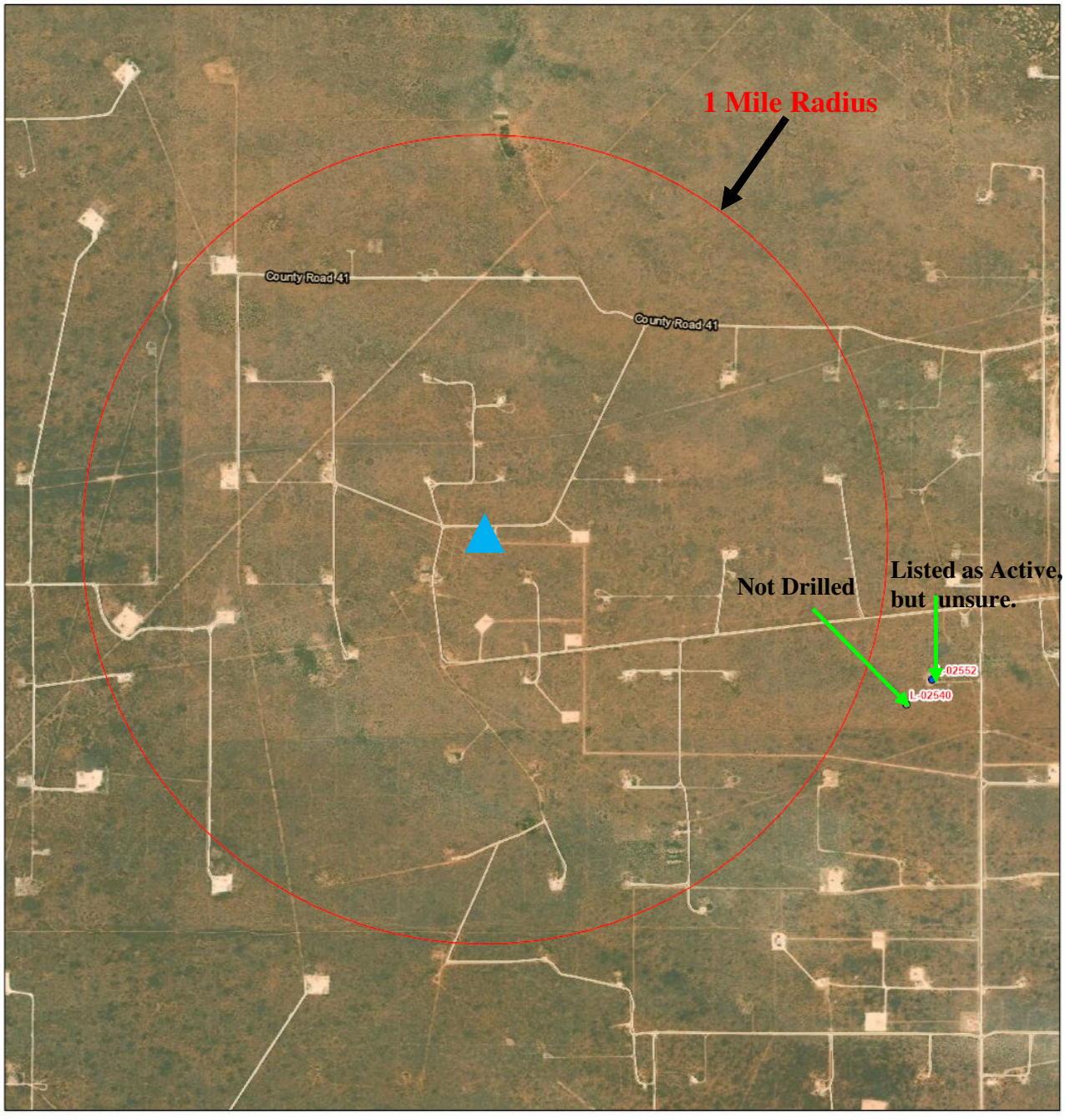
3/1/22 2:06 PM

WATER COLUMN/ AVERAGE DEPTH TO WATER

Well 5: West Eumont Unit 422
Location: Twn 20S Rge 36E Sec 33
Footages: 165 FNL 1240 FEL
County: Lea

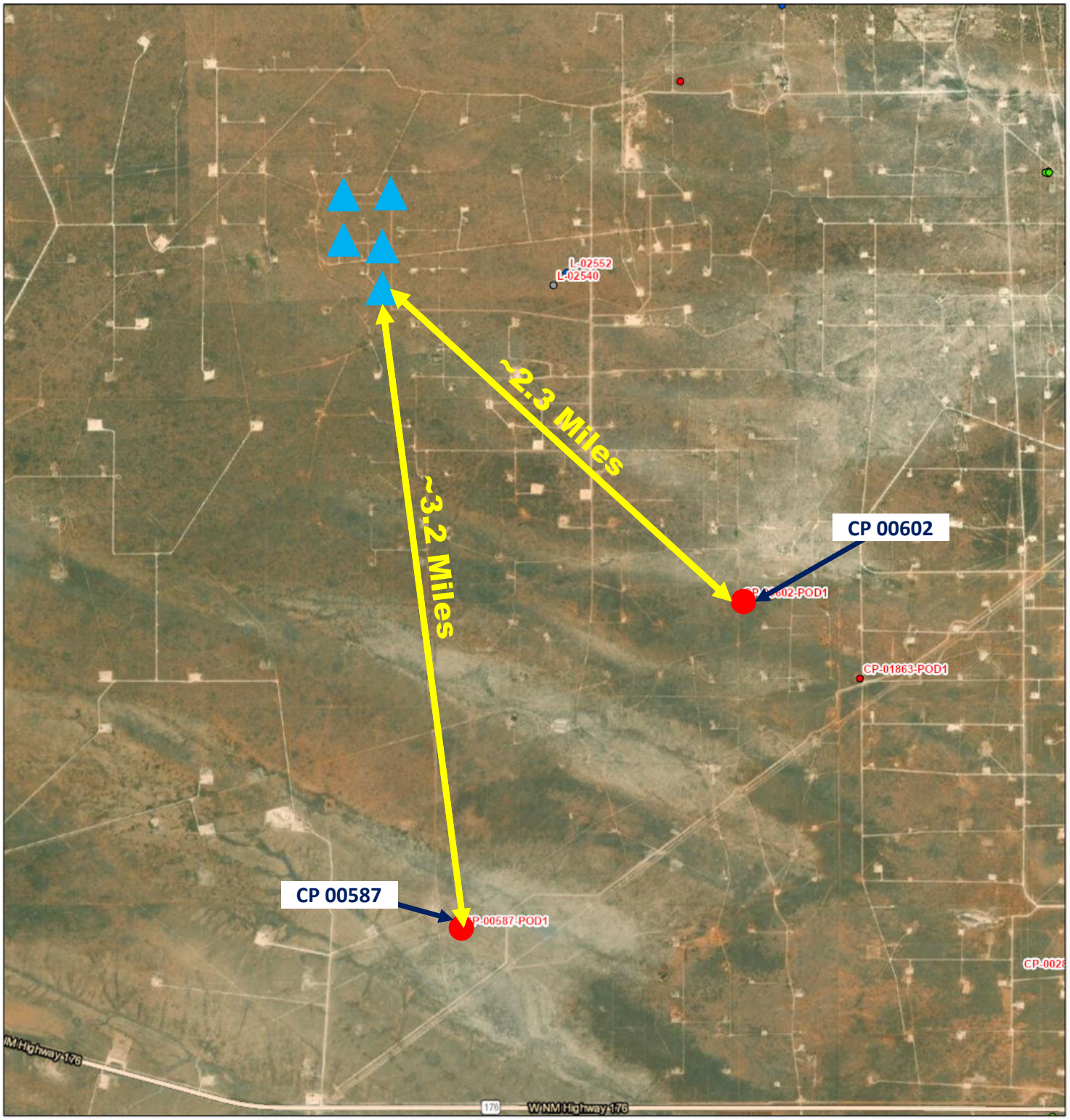
XI. Exhibit D5b

Location For Office of the State Engineer:
NAD 1983 UTM Zone 13
Easting (X): **654494.658** mtrs
Northing (Y): **3601091.056** mtrs



XI. Exhibit E1

Fresh Water Wells & Sample Locations



3/1/2022, 3:25:07 PM
GIS WATERS PODs
- Active
- Pending
- Plugged
- Incomplete

▲ C-108 Injector

1:36,112
0 0.35 0.7 1.4 mi
0 0.5 1 2 km

XI. Exhibit E2

Impact Water Analysis Report

IMPACT CHEMICAL TECHNOLOGIES, INC.

CP-00602

SYSTEM IDENTIFICATION

Company: Merchant Land and Cattle
Location: Fenceline Watering
Sample Source: Tank
Salesman: David Garcia

Sample ID#: 89925

Sample Date: 12-20-2017
Report Date: 01-02-2018

WATER CHEMISTRY

CATIONS

Calcium(as Ca)	22.08
Magnesium(as Mg)	3.66
Barium(as Ba)	0.01
Strontium(as Sr)	0.36
Potassium(as K)	0.00
Lithium(as Li)	0.00
Iron(as Fe)	0.42
Manganese(as Mn)	0.01

ANIONS

Chloride(as Cl)	300.00
Sulfate(as SO_4)	227.00
Dissolved CO_2(as CO_2)	ND
Bicarbonate(as HCO_3)	354.15
H_2S (as H_2S)	ND
Boron(as B)	7.57

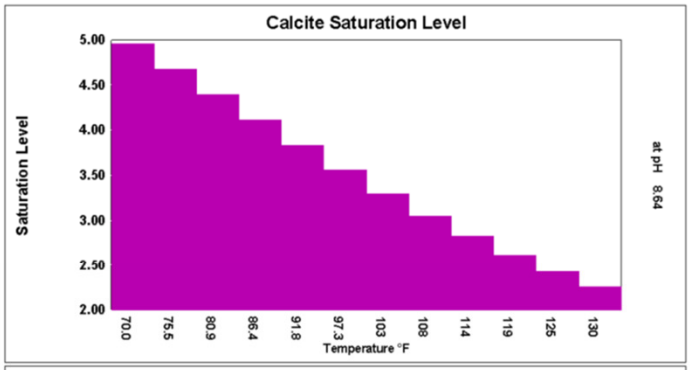
PARAMETERS

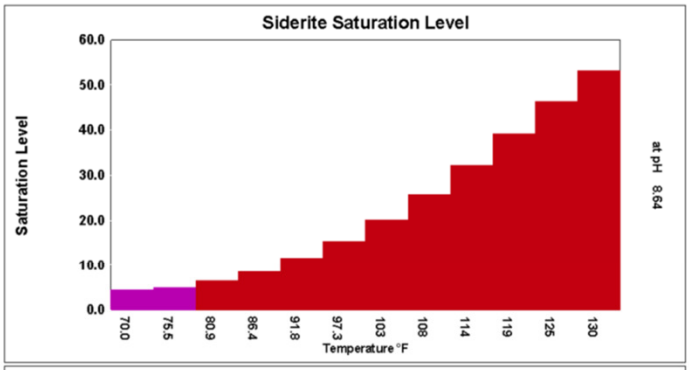
Temperature(°F)	77.00
Sample pH	8.55
Conductivity	1805
T.D.S.	1372
Resistivity	554.02
Sp.Gr.(g/mL)	1.00

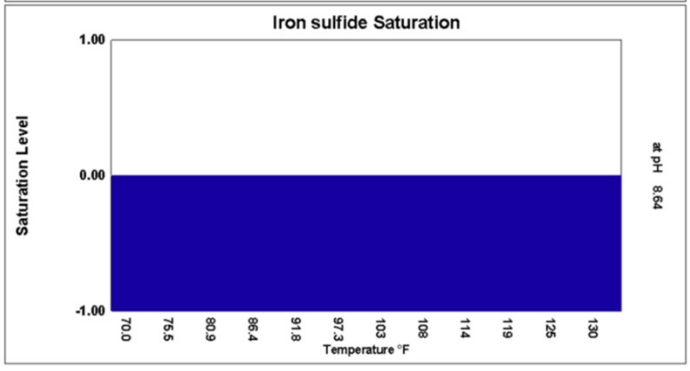
SCALE AND CORROSION POTENTIAL

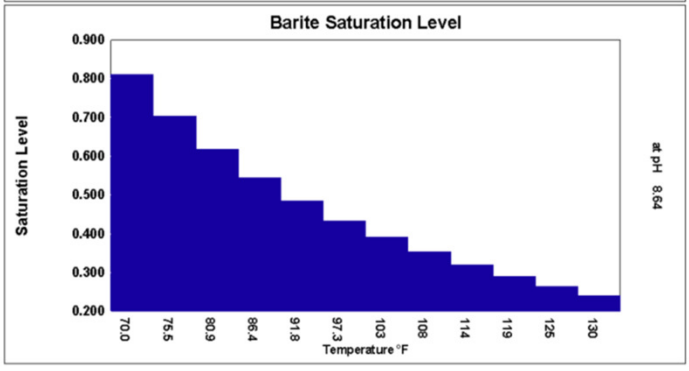
Temp. (°F)	Press. (atm)	Calcite $CaCO_3$		Anhydrite $CaSO_4$		Gypsum $CaSO_4*2H_2O$		Barite $BaSO_4$		Celestite $SrSO_4$		Siderite $FeCO_3$		Mackawenite FeS		CO_2 (mpy)	pCO_2 (atm)
70.00	1.00	4.95	11.39	0.00717	-1413	0.0123	-1177	0.809	-0.00563	0.0128	-51.83	4.52	0.0158	0.00	-0.0616	0.00850	0.00197
75.45	10.00	4.68	10.37	0.00713	-1413	0.0119	-1192	0.703	-0.0101	0.0126	-52.37	4.91	0.0176	0.00	-0.0667	0.0142	0.0108
80.91	19.00	4.39	9.37	0.00714	-1407	0.0117	-1205	0.616	-0.0148	0.0125	-52.65	6.41	0.0247	0.00	-0.0712	0.0137	0.0197
86.36	28.00	4.12	8.43	0.00720	-1396	0.0114	-1215	0.544	-0.0200	0.0125	-52.71	8.58	0.0352	0.00	-0.0754	0.0126	0.0286
91.82	37.00	3.83	7.51	0.00731	-1380	0.0112	-1224	0.484	-0.0254	0.0125	-52.60	11.57	0.0501	0.00	-0.0793	0.0117	0.0374
97.27	46.00	3.56	6.66	0.00746	-1359	0.0110	-1232	0.433	-0.0312	0.0126	-52.36	15.39	0.0700	0.00	-0.0828	0.0111	0.0463
102.73	55.00	3.29	5.86	0.00766	-1334	0.0109	-1238	0.390	-0.0372	0.0127	-52.01	20.13	0.0958	0.00	-0.0858	0.0107	0.0552
108.18	64.00	3.05	5.14	0.00791	-1306	0.0112	-1212	0.353	-0.0436	0.0128	-51.62	25.74	0.128	0.00	-0.0884	0.00962	0.0641
113.64	73.00	2.82	4.49	0.00821	-1274	0.0116	-1184	0.320	-0.0506	0.0129	-51.26	32.16	0.166	0.00	-0.0908	0.00851	0.0729
119.09	82.00	2.61	3.90	0.00857	-1240	0.0120	-1157	0.290	-0.0581	0.0130	-50.92	39.15	0.210	0.00	-0.0931	0.00758	0.0818
124.55	91.00	2.43	3.40	0.00898	-1203	0.0124	-1131	0.264	-0.0663	0.0131	-50.62	46.21	0.256	0.00	-0.0956	0.00677	0.0907
130.00	100.00	2.25	2.94	0.00945	-1164	0.0128	-1106	0.240	-0.0752	0.0131	-50.34	53.10	0.303	0.00	-0.0987	0.00605	0.0995
		xSAT	mg/L	xSAT	mg/L	xSAT	mg/L	xSAT	mg/L	xSAT	mg/L	xSAT	mg/L	xSAT	mg/L		

Saturation Levels (xSAT) are the ratio of ion activity to solubility, e.g. $\{Ca\}\{CO_3\}/K_{sp}$. pCO_2 (atm) is the partial pressure of CO_2 in the gas phase.
mg/L scale is the quantity of precipitation (or dissolution) required to instantaneously bring the water to equilibrium.









XI. Exhibit E3

Impact Water Analysis Report

IMPACT CHEMICAL TECHNOLOGIES, INC.

CP-00587

SYSTEM IDENTIFICATION

Company: Merchant Land and Cattle
Location: Scharbauer Watering
Sample Source: Tank
Salesman: David Garcia

Sample ID#: 89924

Sample Date: 12-20-2017
Report Date: 01-02-2018

WATER CHEMISTRY

CATIONS

Calcium(as Ca)	14.85
Magnesium(as Mg)	2.74
Barium(as Ba)	0.04
Strontium(as Sr)	0.35
Potassium(as K)	0.06
Lithium(as Li)	0.00
Iron(as Fe)	0.10
Manganese(as Mn)	0.01

ANIONS

Chloride(as Cl)	300.00
Sulfate(as SO_4)	324.00
Dissolved CO_2(as CO_2)	ND
Bicarbonate(as HCO_3)	354.15
H_2S (as H_2S)	ND
Boron(as B)	12.71

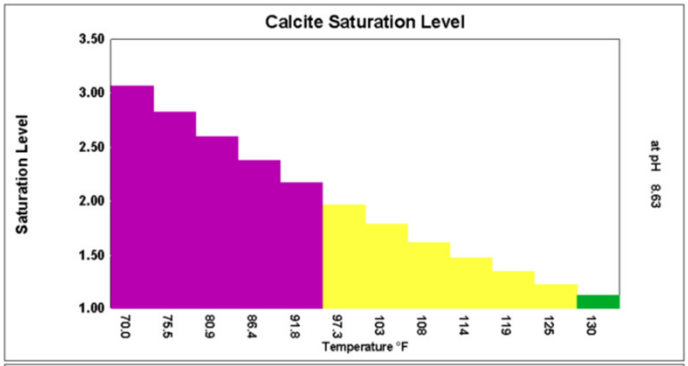
PARAMETERS

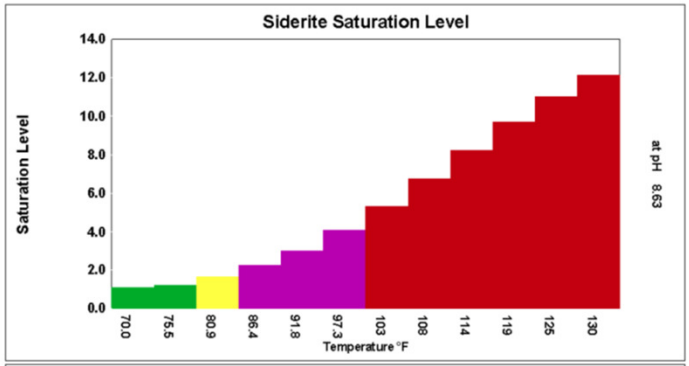
Temperature(°F)	77.00
Sample pH	8.53
Conductivity	1959
T.D.S.	1540
Resistivity	510.46
Sp.Gr.(g/mL)	1.00

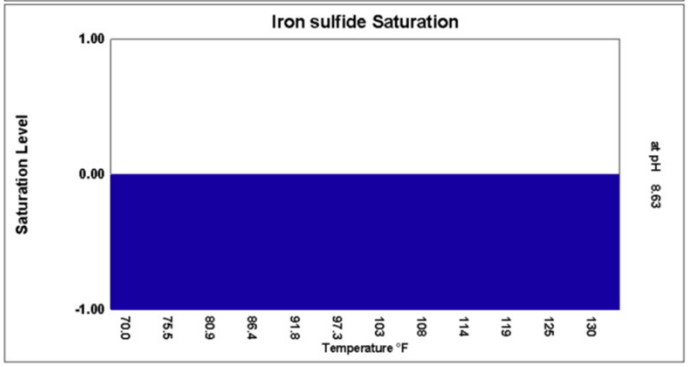
SCALE AND CORROSION POTENTIAL

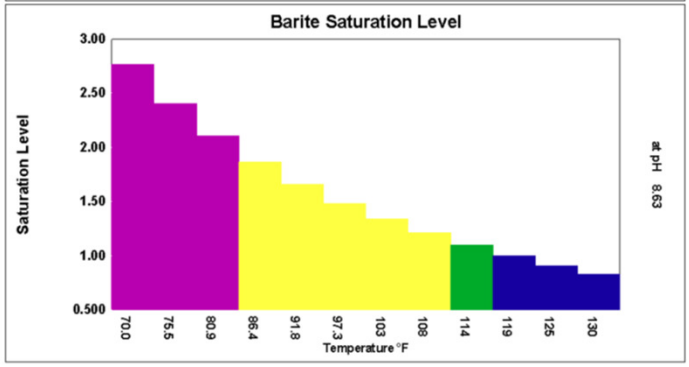
Temp. (°F)	Press. (atm)	Calcite $CaCO_3$		Anhydrite $CaSO_4$		Gypsum $CaSO_4*2H_2O$		Barite $BaSO_4$		Celestite $SrSO_4$		Siderite $FeCO_3$		Mackawenite FeS		CO_2 (mpy)	pCO_2 (atm)
70.00	1.00	3.06	8.42	0.00635	-1406	0.0109	-1161	2.76	0.0380	0.0168	-39.84	1.07	< 0.001	0.00	-0.0666	0.00838	0.00205
75.45	10.00	2.82	7.37	0.00632	-1406	0.0106	-1176	2.40	0.0347	0.0166	-40.26	1.20	< 0.001	0.00	-0.0729	0.0129	0.0113
80.91	19.00	2.60	6.38	0.00632	-1400	0.0103	-1189	2.11	0.0312	0.0165	-40.48	1.61	0.00305	0.00	-0.0794	0.00889	0.0205
86.36	28.00	2.38	5.43	0.00638	-1389	0.0101	-1200	1.86	0.0275	0.0165	-40.53	2.22	0.00630	0.00	-0.0863	0.00101	0.0298
91.82	37.00	2.17	4.54	0.00647	-1372	0.00992	-1209	1.65	0.0235	0.0165	-40.44	3.03	0.0110	0.00	-0.0935	0.0120	0.0390
97.27	46.00	1.97	3.72	0.00660	-1352	0.00975	-1217	1.48	0.0193	0.0166	-40.24	4.08	0.0175	0.00	-0.101	0.0114	0.0483
102.73	55.00	1.79	2.99	0.00677	-1326	0.00961	-1223	1.34	0.0149	0.0168	-39.95	5.32	0.0257	0.00	-0.109	0.0110	0.0575
108.18	64.00	1.62	2.32	0.00699	-1298	0.00990	-1197	1.21	0.0102	0.0169	-39.63	6.74	0.0359	0.00	-0.117	0.00988	0.0668
113.64	73.00	1.47	1.75	0.00725	-1265	0.0102	-1168	1.10	0.00518	0.0170	-39.33	8.22	0.0473	0.00	-0.125	0.00873	0.0760
119.09	82.00	1.34	1.24	0.00756	-1230	0.0106	-1141	0.995	>-0.001	0.0172	-39.06	9.69	0.0598	0.00	-0.134	0.00778	0.0852
124.55	91.00	1.22	0.805	0.00791	-1193	0.0109	-1115	0.905	-0.00627	0.0173	-38.81	11.02	0.0720	0.00	-0.144	0.00695	0.0945
130.00	100.00	1.12	0.429	0.00832	-1153	0.0113	-1090	0.824	-0.0127	0.0174	-38.58	12.13	0.0834	0.00	-0.154	0.00621	0.104
		xSAT	mg/L	xSAT	mg/L	xSAT	mg/L	xSAT	mg/L	xSAT	mg/L	xSAT	mg/L	xSAT	mg/L		

Saturation Levels (xSAT) are the ratio of ion activity to solubility, e.g. $\{Ca\}\{CO_3\}/K_{sp}$. pCO_2 (atm) is the partial pressure of CO_2 in the gas phase.
mg/L scale is the quantity of precipitation (or dissolution) required to instantaneously bring the water to equilibrium.









Injected Water Sample Analysis **XI. Exhibit E4**

Imperative Water Analysis Report

IMPERATIVE
CHEMICAL PARTNERS
201 W. Wall Street, Suite 900
Midland, TX 79701

SYSTEM IDENTIFICATION

Company: Forty Acres Energy
Location: WEU Central Injection Facility
Sample Source: Pump - Transfer Pump
Account Rep: Junior Garcia

Sample ID#: W-34869

Sample Date: 12-22-2020
Report Date: 01-12-2021

WATER CHEMISTRY

CATIONS		ANIONS	
Calcium(as Ca)	3411	Chloride(as Cl)	58400
Magnesium(as Mg)	947.60	Sulfate(as SO_4)	1207
Barium(as Ba)	0.327	Dissolved CO_2(as CO_2)	290.00
Strontium(as Sr)	54.13	Bicarbonate(as HCO_3)	915.00
Sodium(as Na)	32479	H_2S (as H_2S)	210.80
Potassium(as K)	968.90	Boron(as B)	21.02
Lithium(as Li)	7.59		
Iron(as Fe)	1.31		
Manganese(as Mn)	0.223		

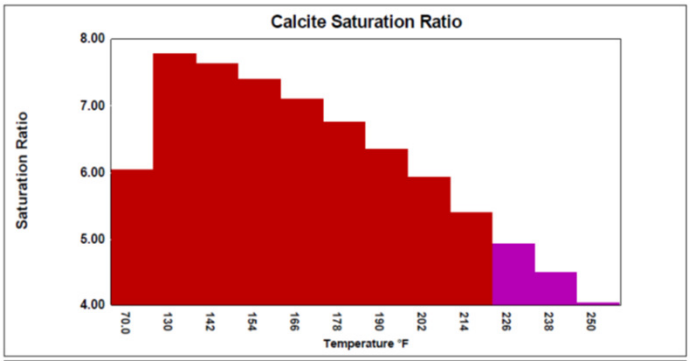
PARAMETERS

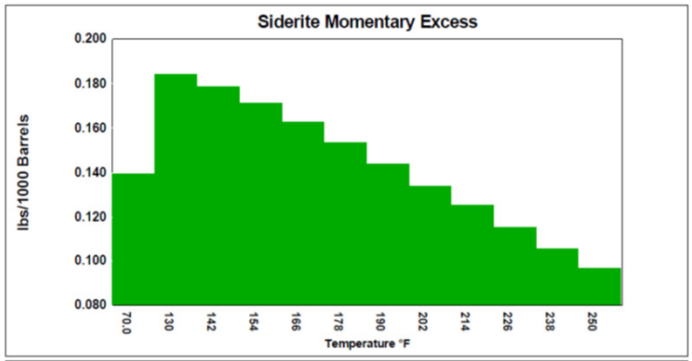
Temperature(°F)	98.00	Sample pH	6.70
Conductivity	145563	Sp.Gr.(g/mL)	1.065
Resistivity	6.87	T.D.S.	103544

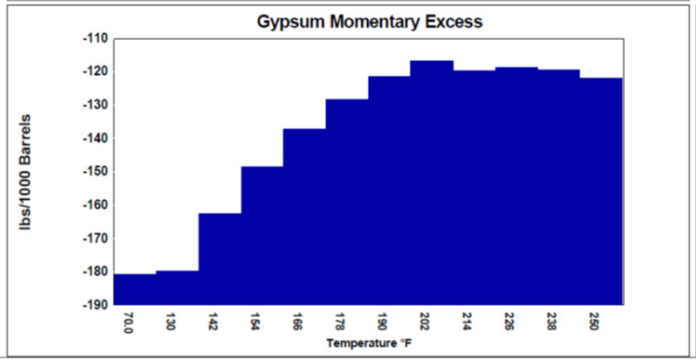
SCALE AND CORROSION POTENTIAL

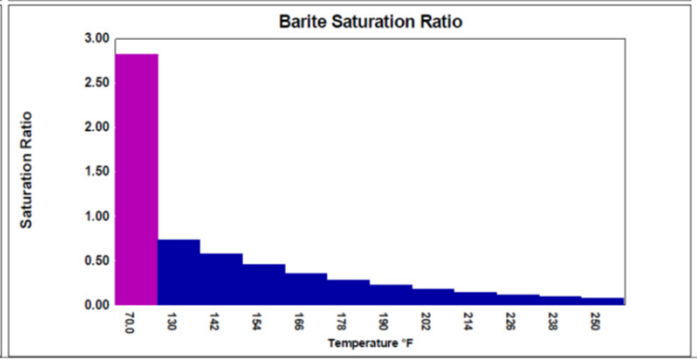
Temp.	Press.	Calcite $CaCO_3$		Anhydrite $CaSO_4$		Gypsum $CaSO_4*2H_2O$		Barite $BaSO_4$		Celestite $SrSO_4$		Siderite $FeCO_3$		Mackinawite FeS		CO_2	pCO_2
(°F)	(atm)															(mpy)	(atm)
70.00	1.000	6.04	0.198	0.408	-356.83	0.616	-180.73	2.81	0.133	0.300	-75.21	2.37	0.140	24.48	0.126	0.0132	0.110
130.00	10.000	7.78	0.190	0.497	-217.40	0.578	-179.68	0.736	-0.0742	0.274	-80.87	4.55	0.184	9.39	0.108	0.393	1.10
142.00	19.000	7.63	0.179	0.547	-173.94	0.596	-162.53	0.575	-0.152	0.265	-83.23	4.82	0.179	7.85	0.103	0.444	2.08
154.00	28.000	7.40	0.168	0.614	-129.30	0.611	-148.50	0.452	-0.250	0.256	-85.86	5.04	0.171	6.52	0.0982	0.524	3.07
166.00	37.000	7.10	0.157	0.703	-85.67	0.624	-137.20	0.357	-0.370	0.247	-88.77	5.21	0.163	5.39	0.0924	0.585	4.06
178.00	46.000	6.75	0.145	0.817	-44.66	0.634	-128.29	0.284	-0.519	0.238	-92.00	5.31	0.153	4.44	0.0858	0.577	5.05
190.00	55.000	6.35	0.134	0.964	-7.34	0.642	-121.52	0.227	-0.701	0.228	-95.55	5.36	0.144	3.64	0.0783	0.306	6.03
202.00	64.000	5.92	0.122	1.15	25.71	0.647	-116.73	0.182	-0.925	0.218	-99.48	5.35	0.134	2.97	0.0697	0.265	7.02
214.00	73.000	5.40	0.113	1.38	53.44	0.640	-119.80	0.144	-1.22	0.205	-105.75	5.22	0.125	2.34	0.0577	0.109	8.01
226.00	82.000	4.94	0.102	1.68	78.58	0.639	-118.85	0.116	-1.56	0.195	-110.74	5.10	0.115	1.89	0.0461	0.318	9.00
238.00	91.000	4.48	0.0918	2.08	99.76	0.635	-119.57	0.0941	-1.97	0.185	-116.22	4.95	0.106	1.52	0.0326	0.571	9.98
250.00	100.000	4.04	0.0819	2.59	117.42	0.628	-121.93	0.0763	-2.48	0.175	-122.26	4.76	0.0967	1.23	0.0169	0.836	10.97
		xSAT	Lbs per 1000 Barrels	xSAT	Lbs per 1000 Barrels	xSAT	Lbs per 1000 Barrels	xSAT	Lbs per 1000 Barrels	xSAT	Lbs per 1000 Barrels	xSAT	Lbs per 1000 Barrels	xSAT	Lbs per 1000 Barrels		

Saturation Ratios (xSAT) are the ratio of ion activity to solubility, e.g. $\{Ca\}\{CO_3\}/K_{sp}$. pCO_2 (atm) is the partial pressure of CO_2 in the gas phase.
Lbs/1000 Barrels scale is the quantity of precipitation (or dissolution) required to instantaneously bring the water to equilibrium.









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City

mailed 3-16-22
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Postmark Here
WEU Re-Act.

Bureau of Land Management
State of New Mexico
301 Dinosaur Trail
Santa Fe, NM 87508

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

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- ☐ Adult Signature Restricted Delivery $

Postage
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Total
$
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Stree
City,

mailed 3-16-22
C-108
Postmark Here
WEU Re-Act.

New Mexico State Land Office
Attn.: Scott Dawson
310 Old Santa Fe Trail
Santa Fe, NM 87504

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

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- ☐ Adult Signature Required $
- ☐ Adult Signature Restricted Delivery $

Postage

mailed 3-16-22
C-108
Postmark Here
WEU Re-act.

Clay Cooper
P O Box 6
Monument, NM 88265

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

West Eumont Reactivation

SENDER: COMPLETE THIS SECTION

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

1. Article Addressed to:

Bureau of Land Management
State of New Mexico
301 Dinosaur Trail
Santa Fe, NM 87508

9590 9402 6453 0346 3976 57

2. Article Number *(Transfer from service label)*

7021 0350 0001 5380 8519

COMPLETE THIS SECTION ON DELIVERY

A. Signature

X

☐ Agent
☐ Addressee

B. Received by *(Printed Name)* | C. Date of Delivery

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

CORONADO STATION
MAR 21 2022
SANTA FE NM 87505

3. Service Type
☐ Adult Signature
☐ Adult Signature Restricted Delivery
☐ Certified Mail®
☐ Certified Mail Restricted Delivery
☐ Collect on Delivery
☐ Collect on Delivery Restricted Delivery
☐ Priority Mail Express®
☐ Registered Mail™
☐ Registered Mail Restricted Delivery
☐ Signature Confirmation
☐ Signature Confirmation Restricted Delivery

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

---

SENDER: COMPLETE THIS SECTION

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

1. Article Addressed to:

New Mexico State Land Office
Attn.: Scott Dawson
310 Old Santa Fe Trail
Santa Fe, NM 87504

9590 9402 6453 0346 3977 49

2. Article Number *(Transfer from service label)*

7021 2720 0000 6973 4574

COMPLETE THIS SECTION ON DELIVERY

A. Signature

X

☐ Agent
☐ Addressee

B. Received by *(Printed Name)* | C. Date of Delivery

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

3. Service Type
☐ Adult Signature
☐ Adult Signature Restricted Delivery
☐ Certified Mail®
☐ Certified Mail Restricted Delivery
☐ Collect on Delivery
☐ Collect on Delivery Restricted Delivery
☐ Priority Mail Express®
☐ Registered Mail™
☐ Registered Mail Restricted Delivery
☐ Signature Confirmation
☐ Signature Confirmation Restricted Delivery

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

---

SENDER: COMPLETE THIS SECTION

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

1. Article Addressed to:

Clay Cooper
P O Box 6
Monument, NM 88265

9590 9402 6453 0346 3977 32

2. Article Number *(Transfer from service label)*

7021 2720 0000 6973 4567

COMPLETE THIS SECTION ON DELIVERY

A. Signature

X

☐ Agent
☐ Addressee

B. Received by *(Printed Name)* Clay Cooper | C. Date of Delivery 3/23/22

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

3. Service Type
☐ Adult Signature
☐ Adult Signature Restricted Delivery
☐ Certified Mail®
☐ Certified Mail Restricted Delivery
☐ Collect on Delivery
☐ Collect on Delivery Restricted Delivery
☐ Priority Mail Express®
☐ Registered Mail™
☐ Registered Mail Restricted Delivery

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

Affidavit of Publication

STATE OF NEW MEXICO
COUNTY OF LEA

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

Beginning with the issue dated
March 09, 2022
and ending with the issue dated
March 09, 2022.

Publisher

Sworn and subscribed to before me this
9th day of March 2022.

Business Manager

My commission expires
January 29, 2023
(Seal)

GUSSIE BLACK
Notary Public - State of New Mexico
Commission # 1087526
My Comm. Expires Jan 29, 2023

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

Forty Acres Energy, LLC announces its intent to apply to the New Mexico Oil Conservation Division (NMOCD) for an Authorization to inject for each of the injection wells in the table below. The coordinate system for the locations in the table is WGS 84.

Well Name	Proposed Injection Zone	Legal Description	Township	Range	Section	Latitude	Longitude
West Eumont Unit 416	Yates-Seven Rivers-Queen	2530 FNL 150 FEL	20S	36E	33	32.5299360	-103.3512670
West Eumont Unit 419	Yates-Seven Rivers-Queen	1475 FNL 136 FEL	20S	36E	33	32.5328364	-103.3512239
West Eumont Unit 420	Yates-Seven Rivers-Queen	1237 FNL 1233 FEL	20S	36E	33	32.5335100	-103.3548060
West Eumont Unit 421	Yates-Seven Rivers-Queen	165 FNL 20 FEL	20S	36E	33	32.5364370	-103.3508500
West Eumont Unit 422	Yates-Seven Rivers-Queen	165 FNL 1240 FEL	20S	36E	33	32.5364340	-103.3548080

Each of the wells in the table are part of the West Eumont Unit Waterflood, unitized in the Yates/Seven Rivers/Queen formations at approximately 3,800' total vertical depth. Maximum injection pressure and rates will be 760psi and 1000 bpd per injector. For questions or comments about this application, contact the operator at Forty Acres Energy, LLC Attn.: Huxley Song, 11757 Katy Freeway, Suite 725, Houston, TX 77079. Phone 832-706-0057. Objections or requests for hearing with the Oil Conservation Division, 1220 South St. Francis Drive, Santa Fe, NM 87505, within 15 days.

67115951 00264474

MARITZA SANTANA
FORTY ACRES ENERGY
11757 KATY FREEWAY, STE 725
HOUSTON , TX 77079

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

Action 311256

CONDITIONS

Operator: FORTY ACRES ENERGY, LLC 11757 KATY FWY HOUSTON, TX 77079173	OGRID: 371416
	Action Number: 311256
	Action Type: [IM-SD] Admin Order Support Doc (ENG) (IM-AAO)

CONDITIONS

Created By	Condition	Condition Date
mgebremichael	None	2/5/2024