

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

**APPLICATION OF FAE II OPERATING, LLC
TO CONVERT PRODUCING WELLS AND/OR DRILL
NEW INJECTION WELLS FOR WATERFLOOD
OPERATIONS, LEA COUNTY, NEW MEXICO**

CASE NO. 23711

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*Note: All legal descriptions referenced throughout this application will pertain to the New Mexico Principal Meridian whether fully stated or not.

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 (Refiled)

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 South Jal Unit (the “Unit Area”), which comprises approximately 19,369.77 acres of the following federal, state, and fee lands located in Lea County, New Mexico:

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

- Section 13: SE
- Section 24: E2
- Section 25: All
- Section 26: E2E2
- Section 36: N2, SE

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

- Section 15: W2W2
- Section 16: All
- Section 18: Lot 4
- Section 19: Lot 1, Lot 2, Lot 3, Lot 4, E2SW
- Section 21: All
- Section 22: W2NW, S2

Section 23: SW
 Section 26: W2, SWSE
 Section 27: All
 Section 28: All
 Section 30: Lot 1, Lot 2, Lot 3, Lot 4, E2W2, W2E2
 Section 31: All
 Section 32: All
 Section 33: All
 Section 34: All
 Section 35: NW, W2NE, S2

Township 26 South, Range 37 East, N.M.P.M.

Section 3: All
 Section 4: All
 Section 5: All
 Section 6: All
 Section 7: All
 Section 8: All
 Section 9: All
 Section 10: All
 Section 15: All
 Section 16: All
 Section 17: All
 Section 18: Lot 1, NENW, E2
 Section 19: NE
 Section 20: All
 Section 21: W2, NE, W2SE
 Section 22: N2
 Section 23: SWNW
 Section 29: All
 Section 32: N2N2, Lot 1, Lot 2, Lot 3, Lot 4

4. The unitized interval is the Yates-Seven Rivers-Queen formation, 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 (carbon dioxide).

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

A. Queen Formation Injection Wells

Queen Formation Existing Wells to be Converted to Injection Wells	
Carlson A #1 (API: 30-025-11697) Section 22-25S-37E 957' FEL 330' FSL	Henry #3 (API: 30-025-11788) Section 26-25S-37E 342' FWL 336' FSL
Harrison #1 (API: 30-025-11702) Section 22-25S-37E 330' FWL 360' FSL	Alston #4 (API: 30-025-11801) Section 26-25S-37E 2,311' FNL 1,665' FWL

Queen Formation New Injection Wells	
Alston #5 Section 27-25S-37E 962' FNL 336' FEL	Alston #6 Section 26-25S-37E 137' FNL 1,210' FWL
Alston #7 Section 26-25S-37E 1,174' FNL 960' FWL	Alston #8 Section 26-25S-37E 2,360' FNL 212' FWL
Carlson A #4 Section 22-25S-37E 2,325' FEL 255' FSL	Carlson A#5 Section 23-25S-37E 330' FWL 1,365' FSL
Harrison Federal #5 Section 22-25S-37E 2,375' FEL 1,415' FSL	Harrison Federal #6 Section 22-25S-37E 950' FEL 1,1355' FSL
Henry #5 Section 26-25S-37E 1,709' FSL 212' FWL	Henry #6 Section 26-25S-37E 1,562' FSL 1,321' FWL
Henry #8 Section 26-25S-37E 507' FSL 1,555' FWL	

Queen Formation Existing Injection Well to be Reactivated	
Harrison Federal #002 (API: 30-025-11690) Section 22-25S-37E 2,308' FSL 956' FEL	

B. Yates Formation Injection Wells

Yates Formation Existing Wells to be Converted to Injection Wells	
Exxon #1 (API: 30-025-09779) Section 21-25S-37E 1,983' FEL 1,979' FSL	Arnott Ramsay NCT E #2 (API: 30-025-11612) Section 16-25S-37E 1,972' FEL 655' FSL
B T Lanehart #3 (API: 30-025-11682) Section 21-25S-37E 1,980' FWL 660' FNL	Aztec #1 (API: 30-025-11686) Section 21-25S-37E 1,972' FSL 1,977' FWL
B T Lanehart #2 (API: 30-025-11687) Section 21-25S-37E 1,980' FNL 1,980' FWL	

Yates Formation New Injection Wells	
B T Lanehart #12 Section 21-25S-37E 1,987' FNL 2,065' FEL	B T Lanehart #13 Section 21-25S-37E 684' FNL 1,939' FEL
Arnott Ramsay NCT E #13 Section 16-25S-37E 636' FSL 2,005' FWL	

C. Moberly Rhodes; Yates-Seven Rivers Formation Injection Wells

Moberly Rhodes; Yates-Seven Rivers Existing Wells to be Converted to Injection Wells	
Moberly Rhodes WF Project #10 (API: 30-025-12019) Section 20-26S-37E 1,980' FSL 660' FEL	Moberly Rhodes WF Project #16 (API: 30-025-12023) Section 21-26S-37E 1,980' FSL 1,980' FWL
Moberly Rhodes WF Project #4 (API: 30-025-12019) Section 21-26S-37E 1,990' FSL 2,084' FEL	

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: 97
- (b) Number of initial injection wells: 4
- (c) Number of injection wells at full development: 468
- (d) Capital costs of initial additional facilities: \$1,500,000
- (e) Estimated total initial project cost: \$40,560,680
- (f) Estimated value of incremental production: \$60,131,550
- (g) Estimated injection commencement date: January 2023

- (h) Type of injected fluid: Produced water
- (i) Anticipated injection volumes: 500 BWPD/injector

10. The Form C-108 for the Queen Formation wells that will be converted to injectors or newly drilled is attached as Exhibit A.

11. The Form C-108 for the Queen Formation SWD well that will be reactivated is attached as Exhibit B.

12. The Form C-108 for the Yates Formation wells that will be converted to injectors or newly drilled is attached as Exhibit C.

13. The Form C-108 for the Moberly Rhodes; Yates-Seven Rivers Formation wells that will be converted to injectors is attached as Exhibit D.

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

WHEREFORE, applicant requests that this application be set for hearing on October 5, 2023, 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

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: _____

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

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.

INJECTION WELL DATA SHEET

OPERATOR: FAE II Operating, LLC

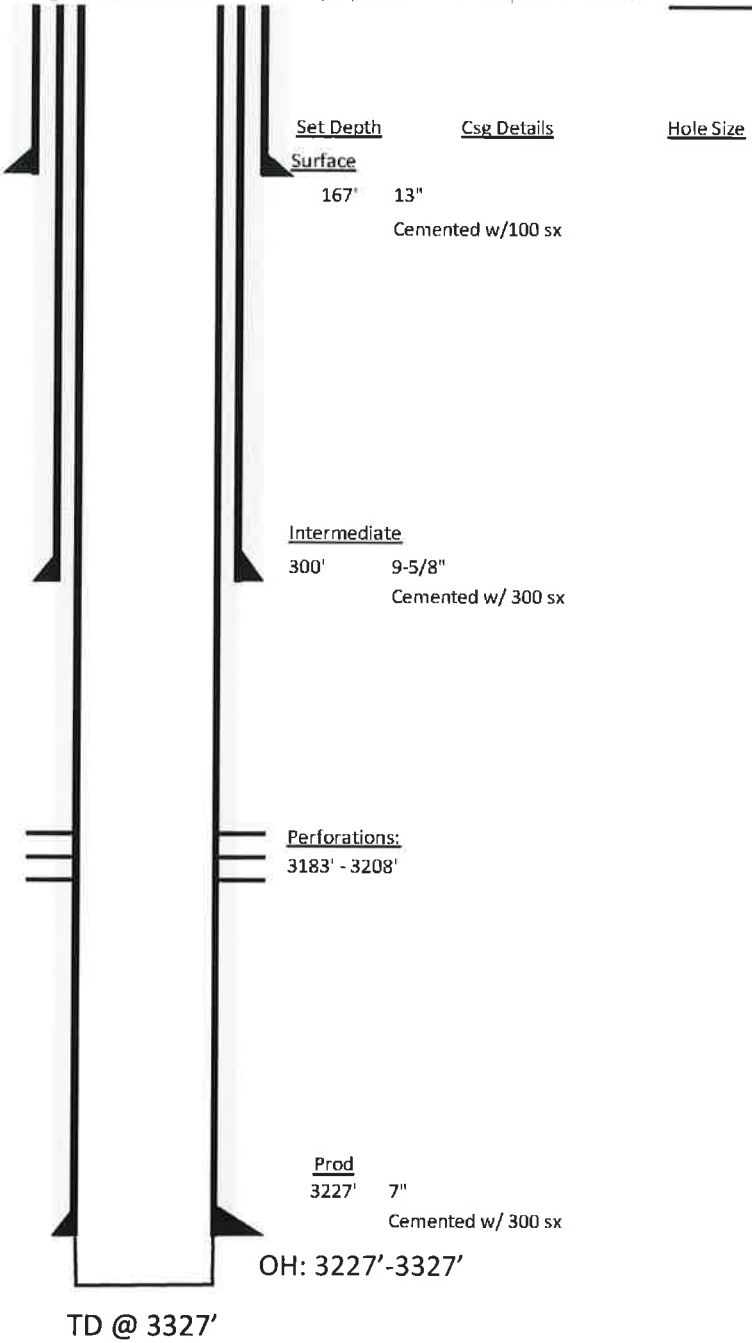
API NUMBER: 30-025-11697

WELL NAME & NUMBER: CARLSON A #1

WELL LOCATION: 957 FEL 330 FSL P 22 25S 37E
 FOOTAGE LOCATION UNIT LETTER SECTION TOWNSHIP RANGE

CURRENT WELLBORE SCHEMATIC

faeII	WELLBORE DIAGRAM				Date:	6/20/2022		
	Well Name: Carlson A #1				OGRID#:	25797		
County:	<u>Lea</u>	State:	<u>NM</u>	Field:	<u>Langlie-Mattix</u>	API#:	<u>30-025-11697</u>	
Surf Location:	<u>UNIT P - SEC 22 25S 37E - 957 FEL & 958 FEL</u>			GL Elev:		RKB:		
Wellhead:		TVD:		PBTD:	<u>3327'</u>	TD:	<u>3331'</u>	
Original Spud Date:	<u>9/30/1938</u>	Completed Pool:	<u>Langlie Mattix 7 RVRs</u>					



Tubing Details:		Run Date:		12/15/2006	
Description	Qty	Length	Depth		
2-3/8"			3264'		
End of Tubing			0		
Pump Details:		Run Date:			
Description	Size	Qty	Length	Depth	
					0.00
Pump Description					
Formation Tops					
YATES		SAN ANDRES		TUBB	
7 RIVERS		GLORIETA			
QUEEN	3225'	PADDOCK			
PENROSE		BLINBRY			
History					
9/30/1938	Spud				
4/2/2018	Ran 2-3/8" EUE 8rd Tbg EOT @ 3264'				
Pumping Unit					
	SPM	Stroke Length			

OH: 3227'-3327'

TD @ 3327'

INJECTION WELL DATA SHEET

OPERATOR: FAE II Operating, LLC

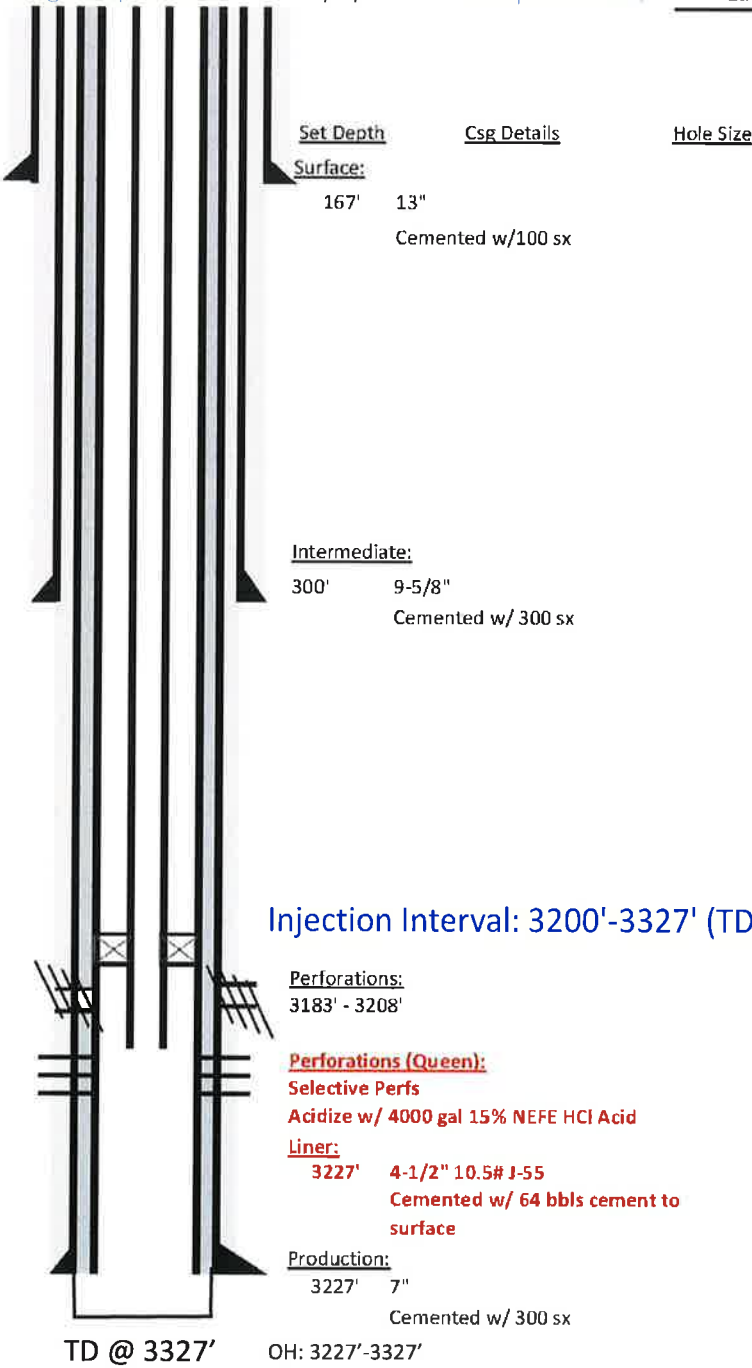
API NUMBER: 30-025-11697

WELL NAME & NUMBER: CARLSON A #1

WELL LOCATION: 957 FEL 330 FSL P 22 25S 37E
 FOOTAGE LOCATION UNIT LETTER SECTION TOWNSHIP RANGE

PROPOSED WELLBORE SCHEMATIC

faeII	WELLBORE DIAGRAM				Date:	6/20/2022		
	Well Name: Carlson A #1				OGRID#:	25797		
County	Lea	State	NM	Field	Langlie-Mattix	API#	30-025-11697	
Surf Location:	UNIT P - SEC 22 25S 37E - 330 FSL & 990 FEL			GL Elev:		RKB:		
Wellhead				TVD:		PBTD:	3327'	
Original Spud Date:	9/30/1938	Completed Pool:	Langlie Mattix 7 RVRs				TD:	3331'



Tubing Details:		Run Date:	12/15/2006
<u>Description</u>	<u>Qty</u>	<u>Length</u>	<u>Depth</u>
2-7/8" IPC Tubing			
4-1/2" AS 1-X Packer			3175'
End of Tubing		0	
Pump Details:		Run Date:	
<u>Description</u>	<u>Size</u>	<u>Qty</u>	<u>Length</u>
			0.00
<u>Pump Description</u>			
<u>Formation Tops</u>			
YATES		SAN ANDRES	
7 RIVERS		GLORIETA	
QUEEN	3225'	PADDOCK	
PENROSE		BLINBRY	
<u>History</u>			
9/30/1938	Spud		
4/2/2018	Ran 2-3/8" EUE 8rd Tbg EOT @ 3264'		

Injection Interval: 3200'-3327' (TD)

Additional Data

- NOT a new well.
 - Originally and currently an oil well.
- Injection Formation: Queen
- Pool: [37240] LANGLEIE MATTIX;7 RVRs-Q-GRAYBURG
- Well has NOT been perforated in another zone.
- Overlying Oil Zone: Seven Rivers
 - Depth of Overlying Zone: ~2,821'
 Underlying Oil Zone: Grayburg
 - Depth of Underlying Zone: ±3,600'

INJECTION WELL DATA SHEET

OPERATOR: FAE II Operating, LLC

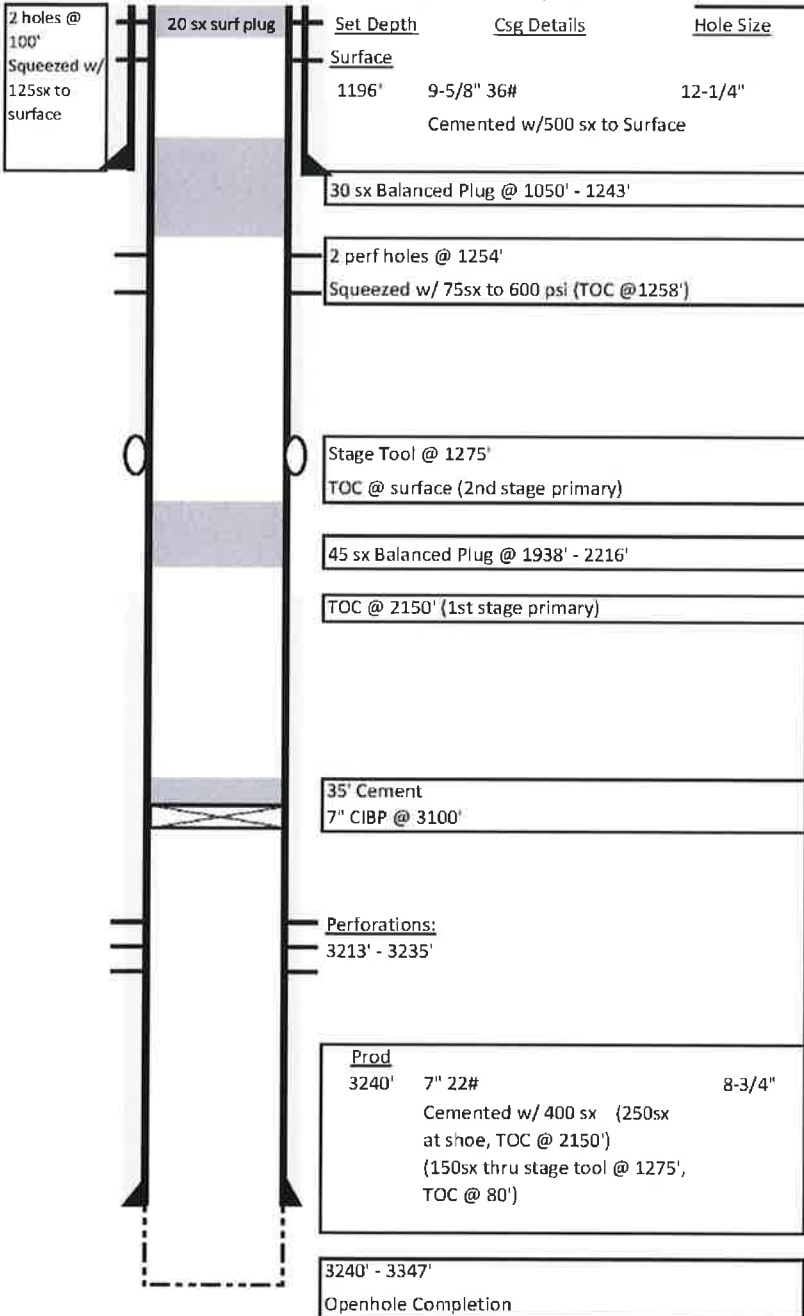
API NUMBER: 30-025-11702

WELL NAME & NUMBER: HARRISON #1

WELL LOCATION: 330 FWL 360 FSL M 22 25S 37E
 FOOTAGE LOCATION UNIT LETTER SECTION TOWNSHIP RANGE

CURRENT WELLBORE SCHEMATIC

faeII	WELLBORE DIAGRAM				Date:	6/20/2022	
	Well Name: Harrison #1				OGRID#:		
County:	Lea	State:	NM	Field:	Langlie-Mattix	API#:	30-025-11702
Surf Location:	UNIT M - SEC 23 25S 37E - 330 FSL & 330 FWL			Gl. Elev.:		RKB:	
Wellhead:		TVD:		PBTD:		TD:	3347'
Original Spud Date:	2/2/1938	Completed Pool:	7 RVRS, Queen				



Tubing Details:		Run Date:	12/15/2006	
Description	Qty	Length	Depth	
End of Tubing				
Pump Details:		Run Date:		
Description	Size	Qty	Length	Depth
0.00				
Pump Description				
Formation Tops				
YATES		SAN ANDRES		TUBB
7 RIVERS		GLORIETA		
QUEEN	3130'	PADDOCK		
PENROSE		BLINBRY		
History				
3/3/1938	Open hole 3240' - 3347'			
	Shot 3295'-3339' w/ 120 qts Nitro			
4/23/1938	Perforated 3213'-3235' w/ 90 holes, Shot 3268'-3319' w/ 160 qts Nitro			
8/2/1961	CO fill to 3310', SOF OH 3295'-3339' & perms 3213'-3235' w/ 20,000gal RO carrying 30,000# 20/40 sand			
Pumping Unit				
	SPM	Stroke Length		

INJECTION WELL DATA SHEET

OPERATOR: FAE II Operating, LLC

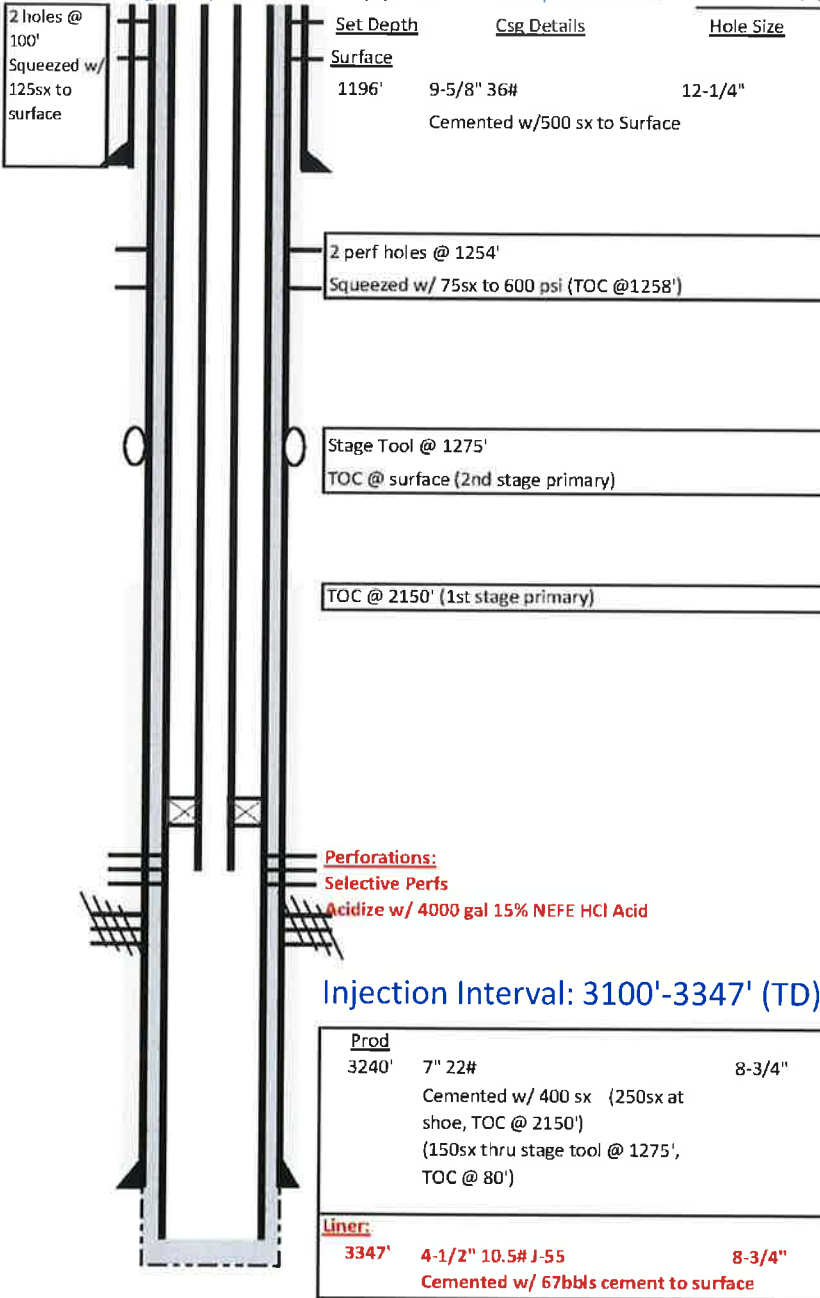
API NUMBER: 30-025-11702

WELL NAME & NUMBER: HARRISON #1

WELL LOCATION: 330 FWL 360 FSL M 22 25S 37E
 FOOTAGE LOCATION UNIT LETTER SECTION TOWNSHIP RANGE

PROPOSED WELLBORE SCHEMATIC

faeII	WELLBORE DIAGRAM				Date:	6/20/2022		
	Well Name: Harrison #1				OGRID#:			
County	<u>Lea</u>	State	<u>NM</u>	Field	<u>Langlie-Mattix</u>	API#	<u>30-025-11702</u>	
Surf Location:	<u>UNIT M - SEC 23 25S 37E - 330 FWL & 360 FSL</u>			GC Elev:		RKB:		
Wellhead				TVD:		PBTD:		
Original Spud Date:	<u>2/2/1938</u>	Completed Pool:	<u>7 RVRS, Queen</u>				TD:	<u>3347'</u>



Tubing Details:		Run Date:		12/15/2006	
Description	Qty	Length	Depth		
2-7/8" IPC Tubing					
7" AS 1-X Packer			3080'		
End of Tubing			0		
Pump Details:		Run Date:			
Description	Size	Qty	Length	Depth	
			0.00		
Pump Description:					
Formation Tops					
YATES		SAN ANDRES		TUBB	
7 RIVERS		GLORIETA			
QUEEN	3130'	PADDOCK			
PENROSE		BLINBRY			
History					
3/3/1938	Open hole 3240' - 3347'				
	Shot 3295'-3339' w/ 120 qts Nitro				
4/23/1938	Perforated 3213'-3235' w/ 90 holes, Shot 3268'-3319' w/ 160 qts Nitro				
8/2/1961	CO fill to 3310', SOF OH 3295'-3339' & perfs 3213'-3235' w/ 20,000gal RO carrying 30,000# 20/40 sand				

Additional Data

- NOT a new well.
 - Originally an oil well.
 - Plugged in 2002.
- Injection Formation: Queen
- Pool: [37240] LANGLIE MATTIX; 7 RVRS-Q-GRAYBURG
- Well has NOT been perforated in another zone.
- Overlying Oil Zone: Seven Rivers
 - Depth of Overlying Zone: ~2,718'
 Underlying Oil Zone: Grayburg
 - Depth of Underlying Zone: ±3,500'

INJECTION WELL DATA SHEET

OPERATOR: FAE II Operating, LLC

API NUMBER: 30-025-11788

WELL NAME & NUMBER: HENRY #3

WELL LOCATION: 342 FWL 336 FSL M 26 25S 37E
 FOOTAGE LOCATION UNIT LETTER SECTION TOWNSHIP RANGE

CURRENT WELLBORE SCHEMATIC

		WELLBORE DIAGRAM			Date:	6/20/2022		
		Well Name: Henry 3			OGRID#	25670		
County	Lea	State	NM	Field	Langlie-Mattix	API#	30-025-11788	
Surf Location:	UNIT M - SEC 26 25S 37E - 336 FSL & 338 FWL			GL Elev:	3025'	RKB:		
Wellhead				TVD:		PBTD:	TD: 3325'	
Original Spud Date:	2/9/1939	Completed Pool:	7 RVRs, Queen, Grayburg					

Set Depth	Csg Details	Hole Size	Tubing Details:																											
			Description	Qty	Length	Depth																								
Surface 140' 12-1/2" 40# Cemented w/100 sx			Run Date: 12/15/2006 End of Tubing: 0																											
Intermediate: 1220' 8-5/8" 32# Cemented w/ 100 sx			Pump Details: Run Date: Description Size Qty Length Depth 0.00																											
			Pump Description: Formation Tops																											
			<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td>YATES</td> <td></td> <td>SAN ANDRES</td> <td></td> <td>TUBB</td> <td></td> </tr> <tr> <td>7 RIVERS</td> <td></td> <td>GLORIETA</td> <td></td> <td></td> <td></td> </tr> <tr> <td>QUEEN</td> <td></td> <td>PADDOCK</td> <td></td> <td></td> <td></td> </tr> <tr> <td>PENROSE</td> <td></td> <td>BLINBRY</td> <td></td> <td></td> <td></td> </tr> </table>				YATES		SAN ANDRES		TUBB		7 RIVERS		GLORIETA				QUEEN		PADDOCK				PENROSE		BLINBRY			
YATES		SAN ANDRES		TUBB																										
7 RIVERS		GLORIETA																												
QUEEN		PADDOCK																												
PENROSE		BLINBRY																												
			History ?? Perforated 3030-40', 3055-70', 3072-73', fractured w/ 10,000gal oil & 10,000# sand ?? Fracture open hole w/ 20,000gal oil & 20,000# sand																											
Production: 3201' 7" 24# w/ Larkin Shoe 8" Cemented w/ 150 sx			<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th>Pumping Unit</th> <th>SPM</th> <th>Stroke Length</th> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> </table>				Pumping Unit	SPM	Stroke Length																					
Pumping Unit	SPM	Stroke Length																												
3201' - 3325' Openhole Completion																														

INJECTION WELL DATA SHEET

OPERATOR: F AE II Operating, LLC

API NUMBER: 30-025-11788

WELL NAME & NUMBER: HENRY #3

WELL LOCATION: 342 FWL 336 FSL M 26 25S 37E
 FOOTAGE LOCATION UNIT LETTER SECTION TOWNSHIP RANGE

PROPOSED WELLBORE SCHEMATIC

faeII

WELLBORE DIAGRAM


Well Name: **Henry 3**

Date: 6/20/2022
 OGRID#: 25670
 API#: 30-025-11788

County: Lea State: NM Field: Langlie-Mattix

Surf Location: UNIT M - SEC 26 25S 37E - 336 FSL & 336 FWL GL Elev: 3025' RKB: _____
 Wellhead: _____ TVD: _____ PBTD: _____ TD: 3325'

Original Spud Date: 2/9/1939 Completed Pool: 7 RVRS, Queen, Grayburg



Set Depth	Csg Details	Hole Size
Surface:		
140'	12-1/2" 40# Cemented w/100 sx	15"
Intermediate:		
1220'	8-5/8" 32# Cemented w/ 100 sx	10"
Production:		
3201'	7" 24# w/ Larkin Shoe Cemented w/ 150 sx	8"
Liner:		
3325'	4-1/2" 10.5# J-55 Cemented w/ 67bbls cement to surface	8-3/4"

Injection Interval: 3125'-3325' (TD)

Perforations (Queen):
 Selective Perfs
 Acidize w/ 4000 gal 15% NEFE HCl Acid

Tubing Details:		Run Date:
Description	Qty	Length
2-7/8" IPC Tubing		
7" AS 1-X Packer		3110'
End of Tubing		0

Pump Details:		Run Date:
Description	Size	Qty
		0.00

Formation Tops			
YATES		SAN ANDRES	TUBB
7 RIVERS		GLORIETA	
QUEEN	3160'	PADDOCK	
PENROSE		BLINBRY	

History	
??	Perforated 3030-40', 3055-70', 3072-73', fractured w/ 10,000gal oil & 10,000# sand
??	Fracture open hole w/ 20,000gal oil & 20,000# sand

Additional Data

1. NOT a new well.
 1. Originally & currently an oil well.
2. Injection Formation: Queen
3. Pool: [37240] LANGLEIE MATTIX;7 RVRS-Q-GRAYBURG
4. Well has NOT been perforated in another zone.
5. Overlying Oil Zone: Seven Rivers
 - Depth of Overlying Zone: ~2,748'
 Underlying Oil Zone: Grayburg
 - Depth of Underlying Zone: ±3,500'

INJECTION WELL DATA SHEET

OPERATOR: Fae II Operating, LLC

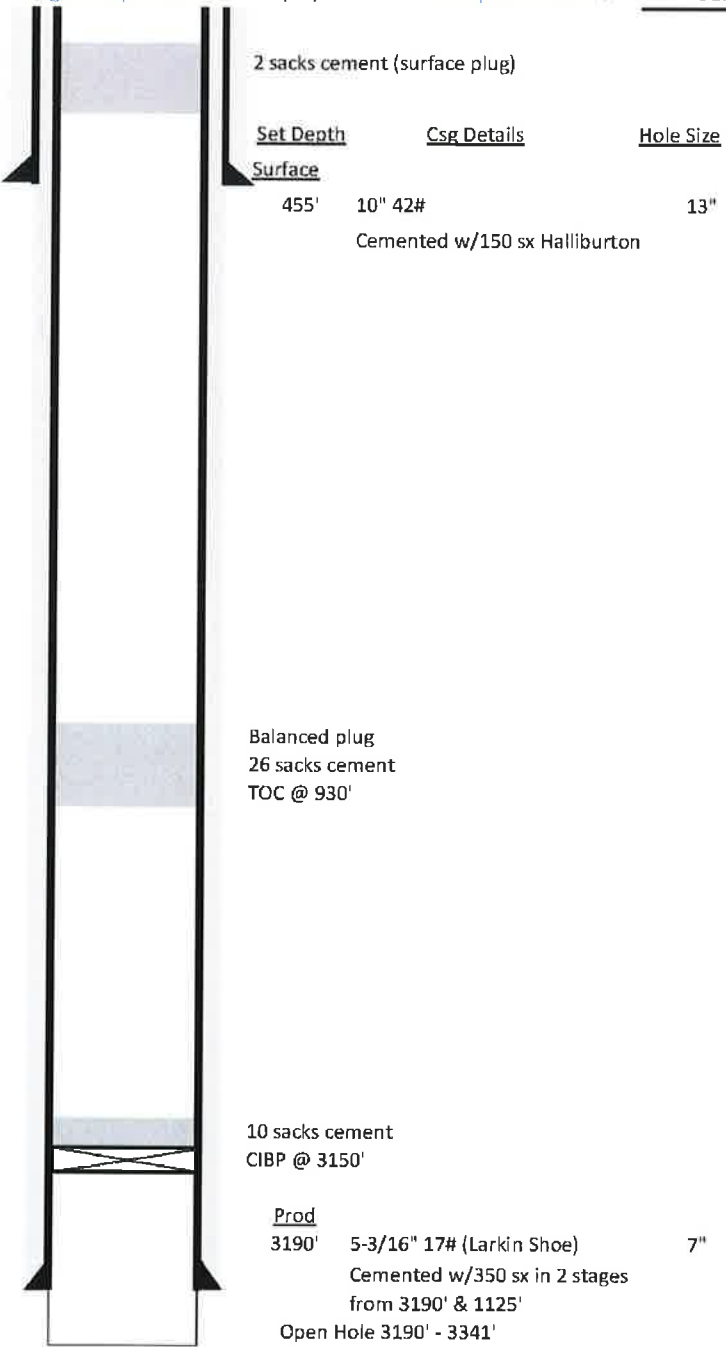
API NUMBER: 30-025-11801

WELL NAME & NUMBER: ALSTON #4

WELL LOCATION: 2311 FNL 1665 FWL F 26 25S 37E
 FOOTAGE LOCATION UNIT LETTER SECTION TOWNSHIP RANGE

CURRENT WELLBORE SCHEMATIC

faeII		WELLBORE DIAGRAM				Date:	6/20/2022	
		Well Name: Alston #4				OGRID#:		
County	<u>Lea</u>	State	<u>NM</u>	Field	<u>Langlie-Mattix</u>	API#	<u>30-025-11801</u>	
Surf Location:	<u>UNIT F - SEC 26 25S 37E - 2311 FNL & 1665 FWL</u>				GL Elev:	<u>3308'</u>	RKB:	
Wellhead					TVD:		PBTD:	<u>3334'</u> TD: <u>3341'</u>
Original Spud Date:	<u>4/26/1938</u>	Completed Pool:	<u>Jalmat / SR - QU - GR</u>					



<u>Tubing Details:</u>		Run Date:		12/15/2006	
<u>Description</u>	<u>Qty</u>	<u>Length</u>	<u>Depth</u>		
			0		
End of Tubing					
<u>Pump Details:</u>		Run Date:			
<u>Description</u>	<u>Size</u>	<u>Qty</u>	<u>Length</u>	<u>Depth</u>	
			0.00		
<u>Pump Description</u>					
<u>Formation Tops</u>					
YATES		SAN ANDRES		TUBB	
7 RIVERS		GLORIETA			
QUEEN		PADDOCK			
PENROSE		BLINBRY			
<u>History</u>					
4/26/1938	Spud				
4/27/1938	Cemented 455' of 10" csg w/150sx				
6/1/1938	Cemented 3190' of 5-3/16" csg w/350sx from 3190' & 1125'				
6/9/1938	Completed open hole interval (3240'-3334') w/185qts Gelatine Explosive in 3.5" Tin Shell				
2/8/1989	P&A Completed				
<u>Pumping Unit</u>					
	<u>SPM</u>	<u>Stroke Length</u>			

INJECTION WELL DATA SHEET

OPERATOR: F&E II Operating, LLC

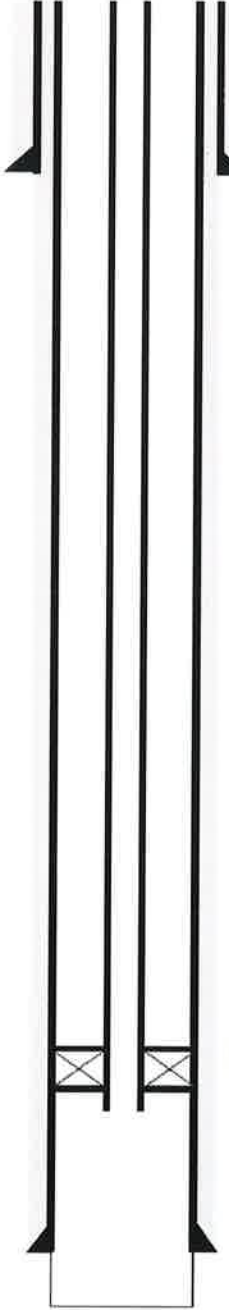
API NUMBER: 30-025-11801

WELL NAME & NUMBER: ALSTON #4

WELL LOCATION: 2311 FNL 1665 FWL F 26 25S 37E
 FOOTAGE LOCATION UNIT LETTER SECTION TOWNSHIP RANGE

PROPOSED WELLBORE SCHEMATIC

faeII	WELLBORE DIAGRAM				Date:	6/20/2022		
	Well Name: Alston #4				OGRID#			
County	<u>Lea</u>	State	<u>NM</u>	Field	<u>Langlie-Mattix</u>	API#	<u>30-025-11801</u>	
Surf Location:	<u>UNIT F - SEC 26 25S 37E - 2311 FNL & 1665 FWL</u>			GL Elev:	<u>3308'</u>	RKB:		
Wellhead				TVD:		PBTD:	<u>3334'</u> TD: <u>3341'</u>	
Original Spud Date:	<u>4/26/1938</u>	Completed Pool:	<u>Jalmat / SR - QU - GR</u>					



Set Depth	Csg Details	Hole Size
Surface		
455'	10" 42# Cemented w/150 sx Halliburton	13"

Tubing Details:		Run Date:	12/15/2006
Description	Qty	Length	Depth
2-7/8" IPC Tubing			3,000'
5-1/2" AS 1-X Packer			3,000'
End of Tubing			0

Pump Details:		Run Date:	
Description	Size	Qty	Length
			0.00

Formation Tops			
YATES		SAN ANDRES	TUBB
7 RIVERS		GLORIETA	
QUEEN	3,050'	PADDOCK	
PENROSE		BLINBRY	

History	
4/26/1938	Spud
4/27/1938	Cemented 455' of 10" csg w/150sx
6/1/1938	Cemented 3190' of 5-3/16" csg w/350sx from 3190' & 1125'
6/9/1938	Completed open hole interval (3240'-3334') w/185qts Gelatine Explosive in 3.5" Tin Shell
2/8/1989	P&A Completed

Injection Interval: 3025'-3341' (TD)

Production:
 3190' 5-3/16" 17# (Larkin Shoe) 7"
 Cemented w/350 sx in 2 stages
 from 3190' & 1125'

**Open Hole 3190' - 3341' (Queen)
 Acidize w/ 4000 gal 15% NEFE HCl Acid**

Additional Data

- NOT a new well.
 - Originally an oil & gas well.
 - Plugged in 1989.
- Injection Formation: Queen
- Pool: [37240] LANGLEIE MATTIX;7 RVRS-Q-GRAYBURG
- Well has NOT been perforated in another zone.
- Overlying Oil Zone: Seven Rivers
 - Depth of Overlying Zone: ~2,630'
 Underlying Oil Zone: Grayburg
 - Depth of Underlying Zone: ±3,400'

III. Well Data

For the Following Wells:

- | | |
|------------------|-------------------------|
| 5. ALSTON #5 | 11. Harrison Federal #5 |
| 6. ALSTON #6 | 12. Harrison Federal #6 |
| 7. ALSTON #7 | 13. HENRY #5 |
| 8. ALSTON #8 | 14. HENRY #6 |
| 9. CARLSON A #4 | 15. Henry #8 |
| 10. CARLSON A #5 | |

South Jal Unit Queen Pilot

New Drill Injector Example

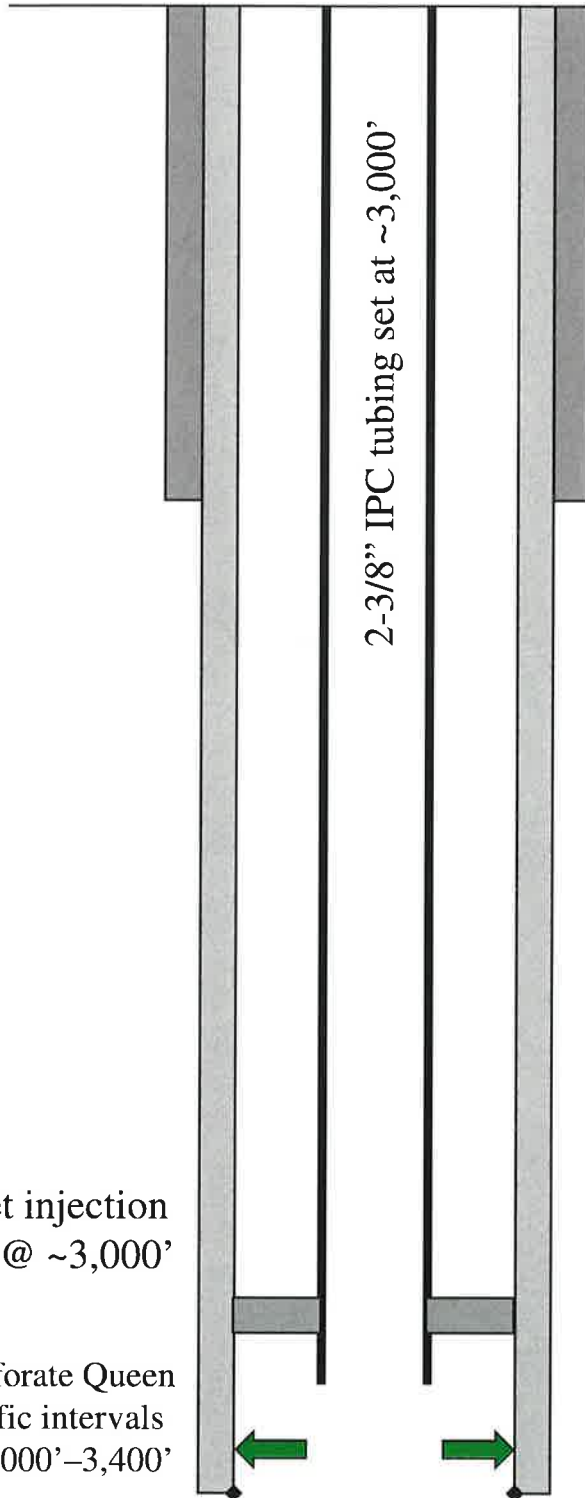
Legal: Sect 22, 23, 26, & 27, Twn 25S Rge 37E

API # 30-025-xxxxx

Langlie-Mattix Field, Lea Co., NM

Completion Date: TBD

These wells will be drilled for the purpose of injection



Will set injection packer @ ~3,000'

Will perforate Queen in specific intervals from ~3,000' - 3,400'

TD: ~3,500

Surface Casing

Hole Size:	<u>12-1/4"</u>
Casing Size:	<u>8-5/8"</u>
Depth Set:	<u>+/- 900'</u>
Top of Cement:	<u>surface</u>
Cement with	<u>240 sx</u>
Method Determined:	<u>circ. 80 sx</u>

Intermediate Casing

Hole Size:	<u>7-7/8"</u>
Casing Size:	<u>5-1/2"</u>
Depth Set:	<u>3,500'</u>
Top of Cement:	<u>surface</u>
Cement with	<u>1100 sx</u>
Method Determined:	<u>circ. 100 sx</u>

O & G Formation	Interval
Queen Inj. Zone	3,000' - 3,400'
Grayburg	+3,600'

Additional Data

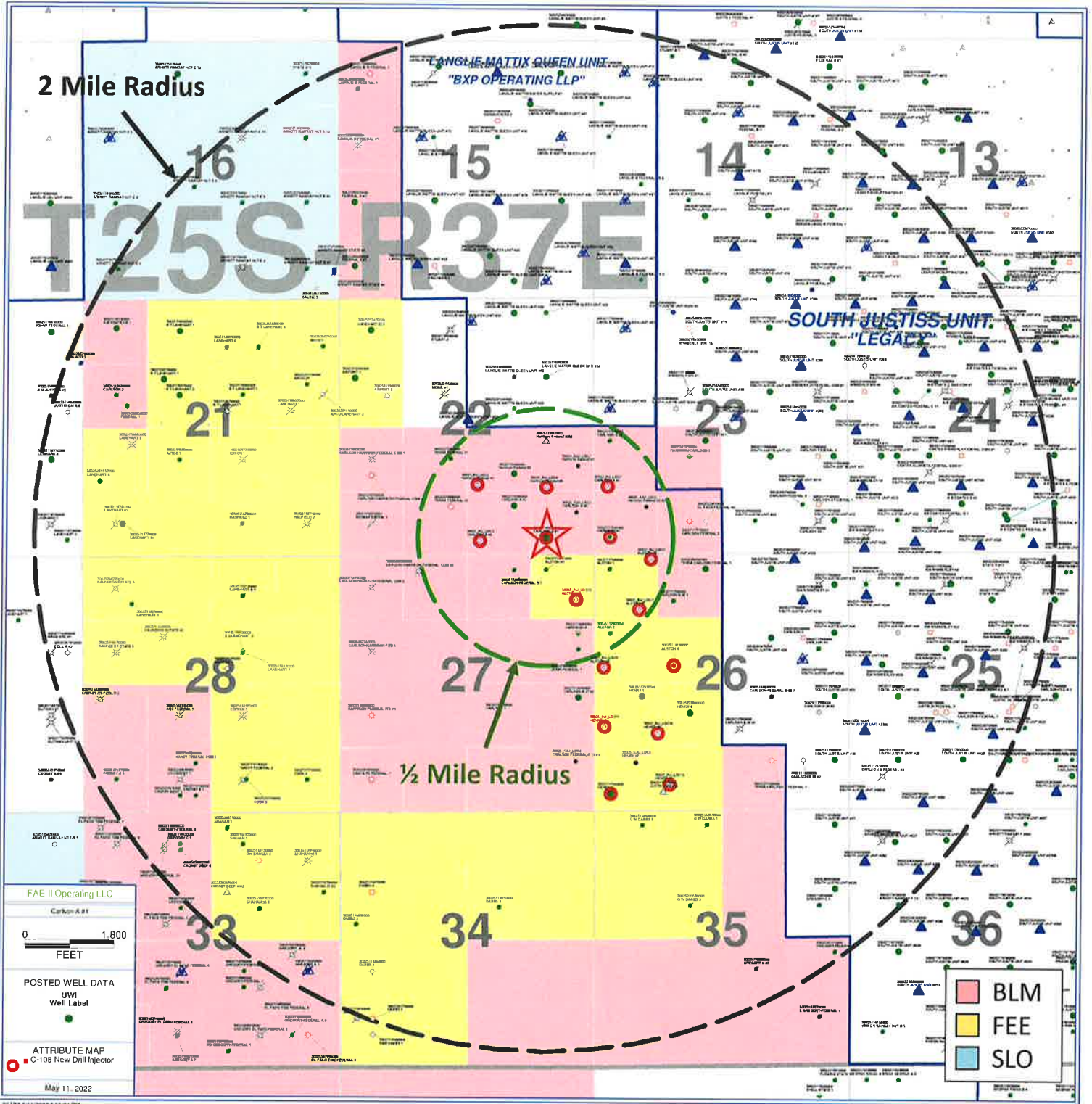
1. New well drilled for injection.
2. Injection Formation: Queen
3. Field: [37240] LANGLEIE MATTIX; 7 RVRS-Q-GRAYBURG
4. Well has NOT been perforated before.
5. Underlying Oil Zone: Grayburg Formation
 - Depth of Underlying Zone: +3,600'

Part V.

V.
Exhibit A1 shows 25 unique well locations within a ½ mile radius of the proposed new drill injector location, and 361 unique well locations within a 2 mile radius.

CARLSON A #1

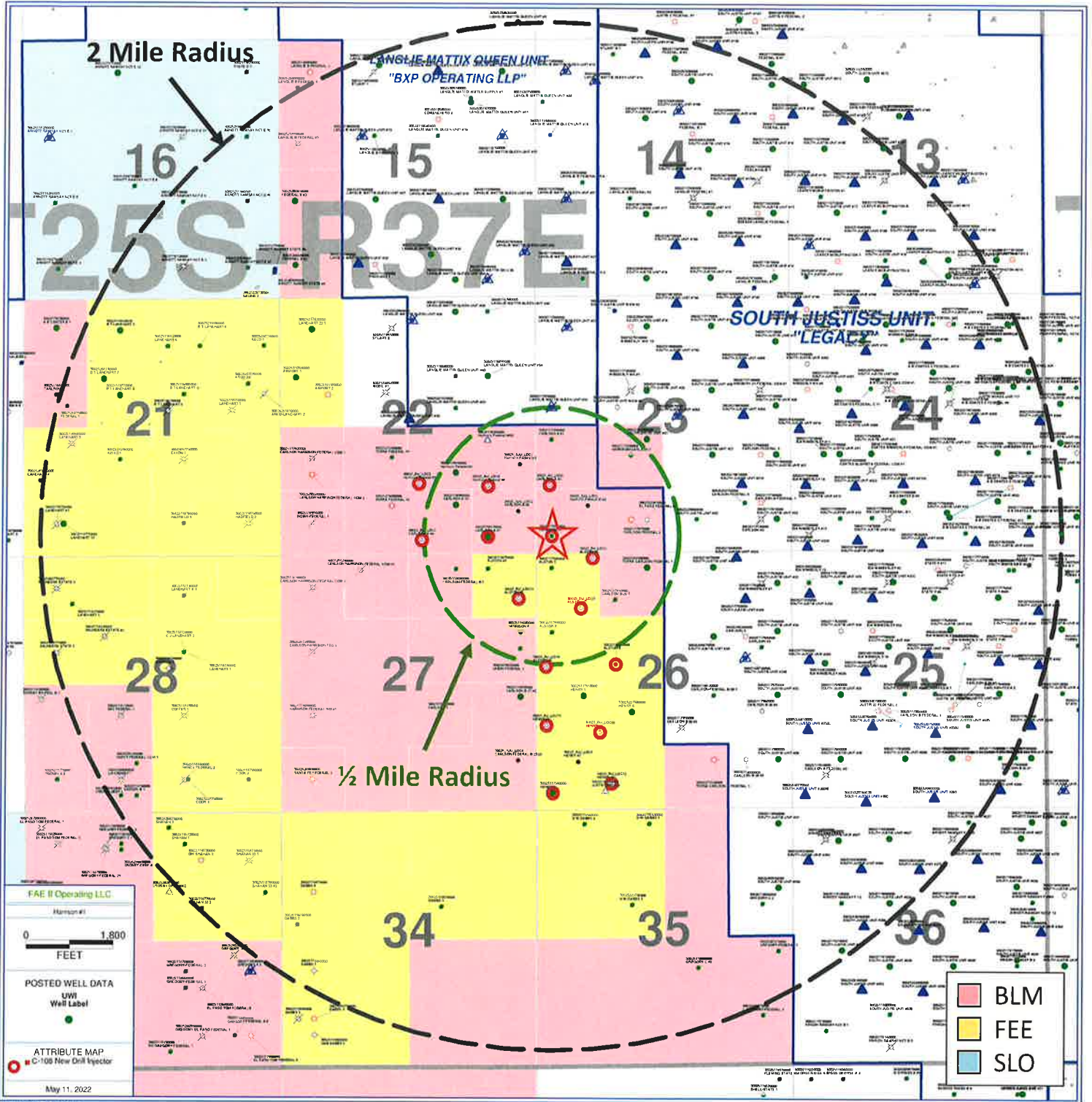
API: 30-025-11697



V. Exhibit A2 shows 25 unique well locations within a 1/2 mile radius of the proposed new drill injector location, and 392 unique well locations within a 2 mile radius.

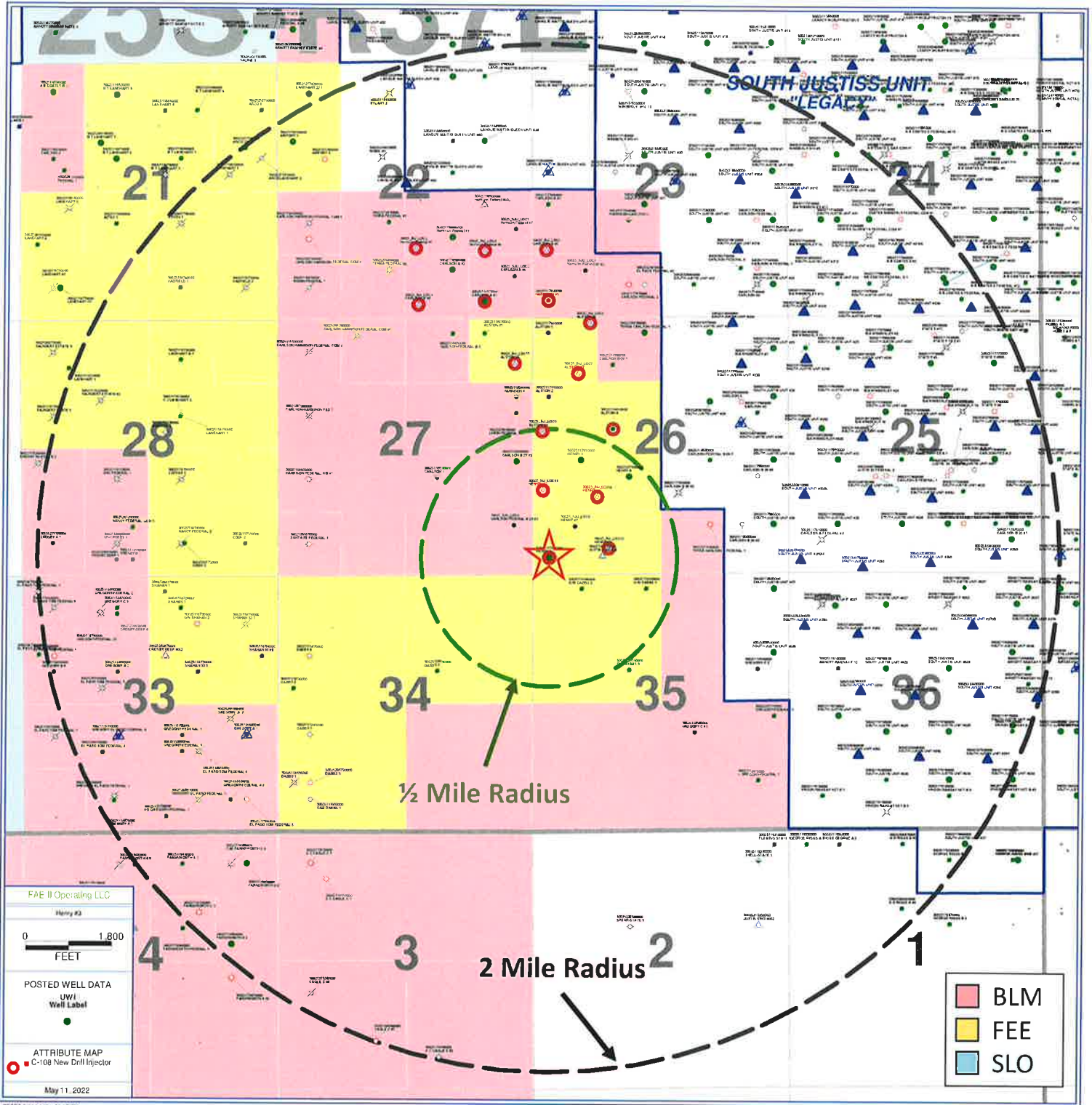
HARRISON #1

API: 30-025-11702



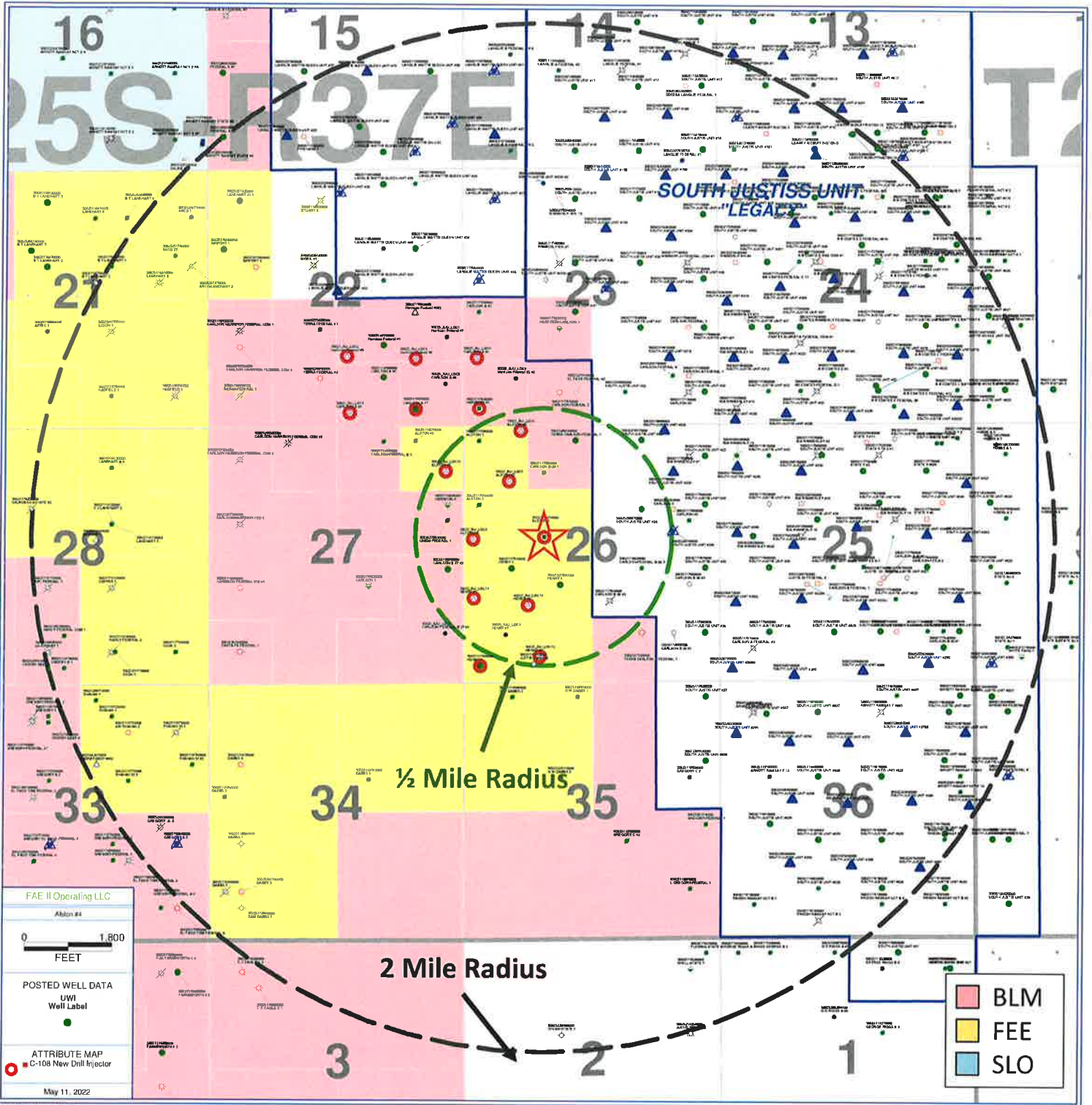
V.
Exhibit A3 shows 13 unique well locations within a ½ mile radius of the proposed new drill injector location, and 309 unique well locations within a 2 mile radius.

HENRY 3 API: 30-025-11788



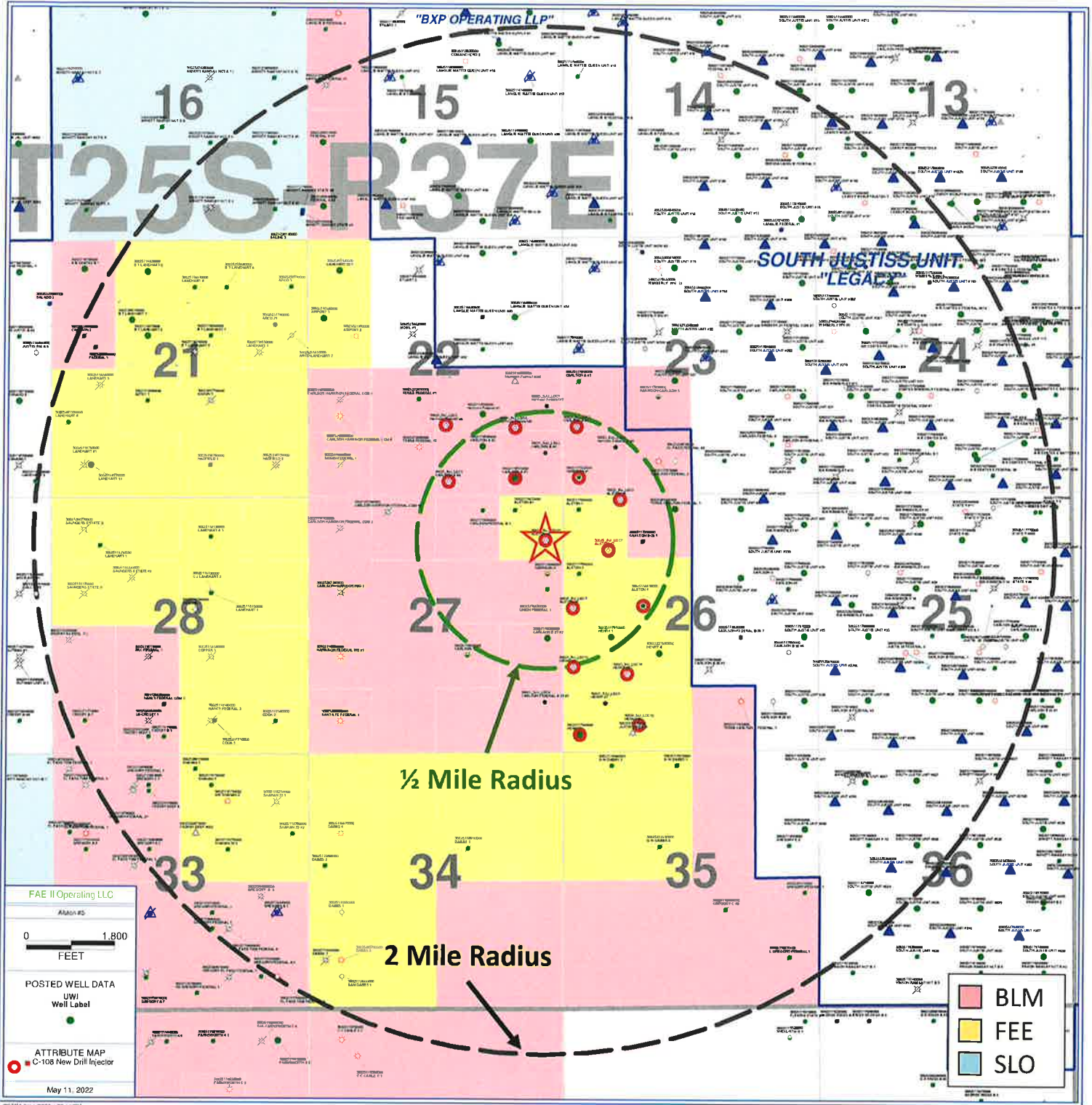
V.
Exhibit A4 shows 22 unique well locations within a ½ mile radius of the proposed new drill injector location, and 380 unique well locations within a 2 mile radius.

ALSTON 4 API: 30-025-11801



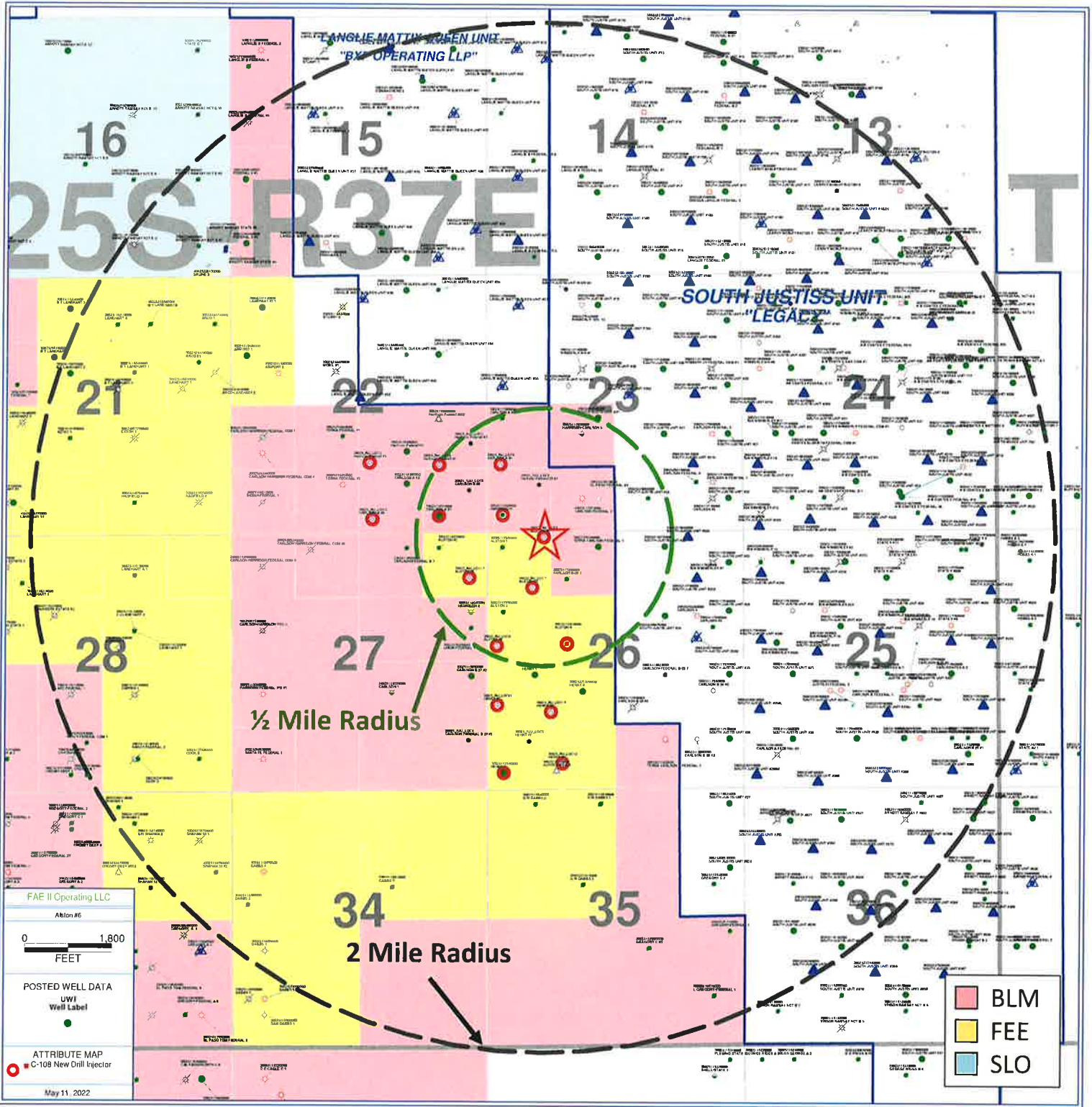
V. Exhibit A5 shows 22 unique well locations within a ½ mile radius of the proposed new drill injector location, and 361 unique well locations within a 2 mile radius.

ALSTON #5



V. Exhibit A6 shows 25 unique well locations within a 1/2 mile radius of the proposed new drill injector location, and 403 unique well locations within a 2 mile radius.

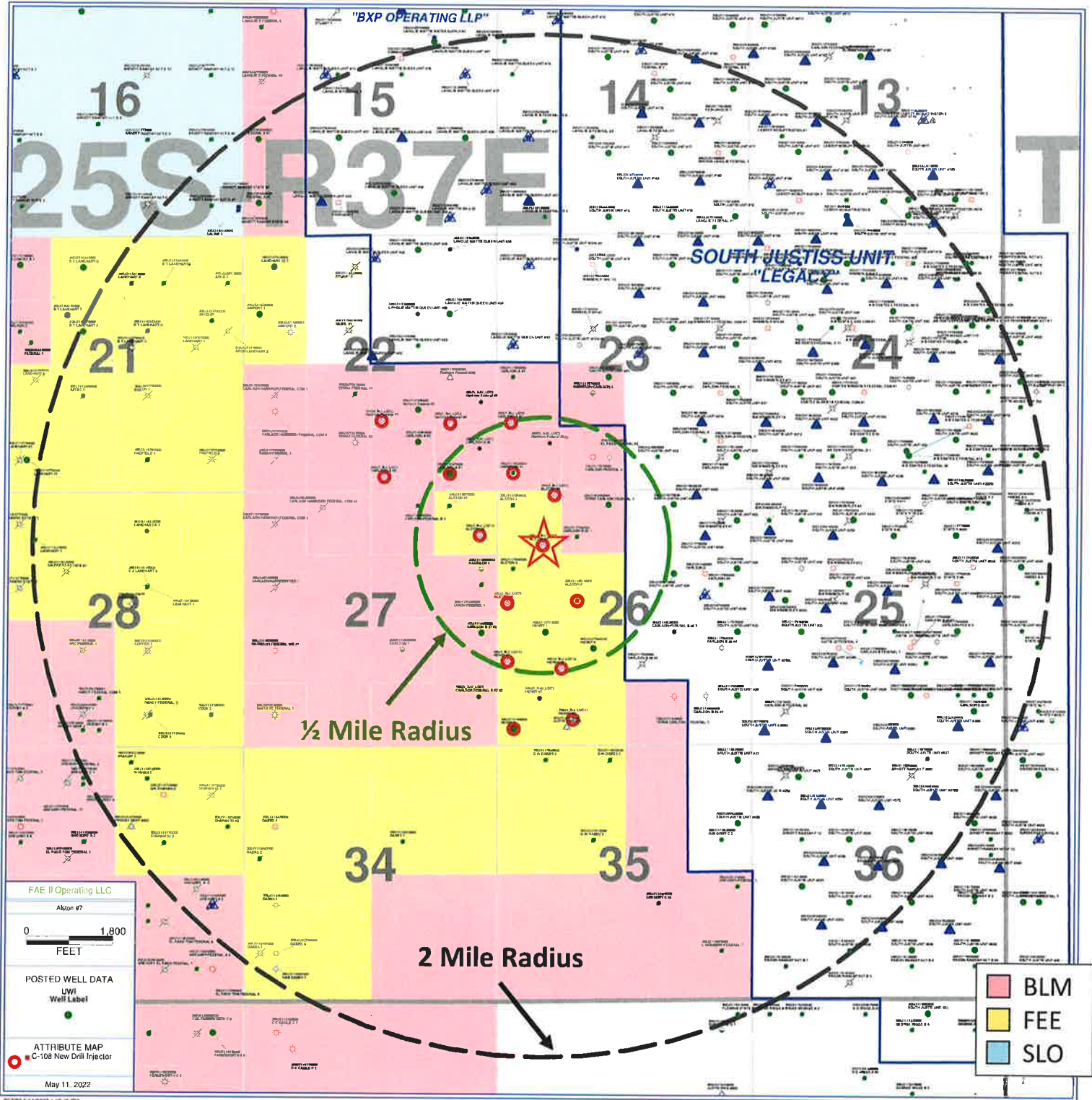
ALSTON #6



V.

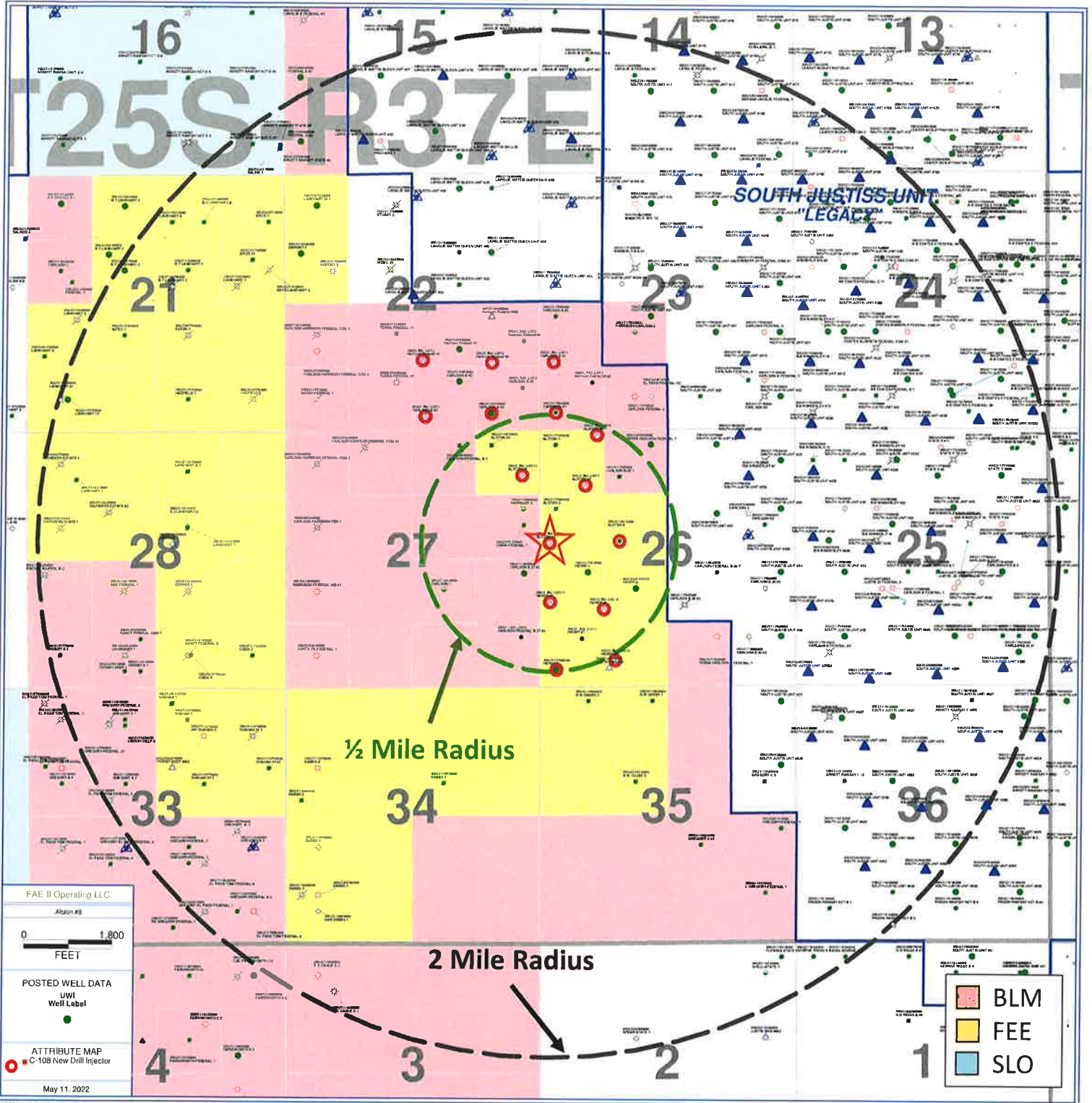
Exhibit A7 shows 24 unique well locations within a ½ mile radius of the proposed new drill injector location, and 386 unique well locations within a 2 mile radius.

ALSTON #7



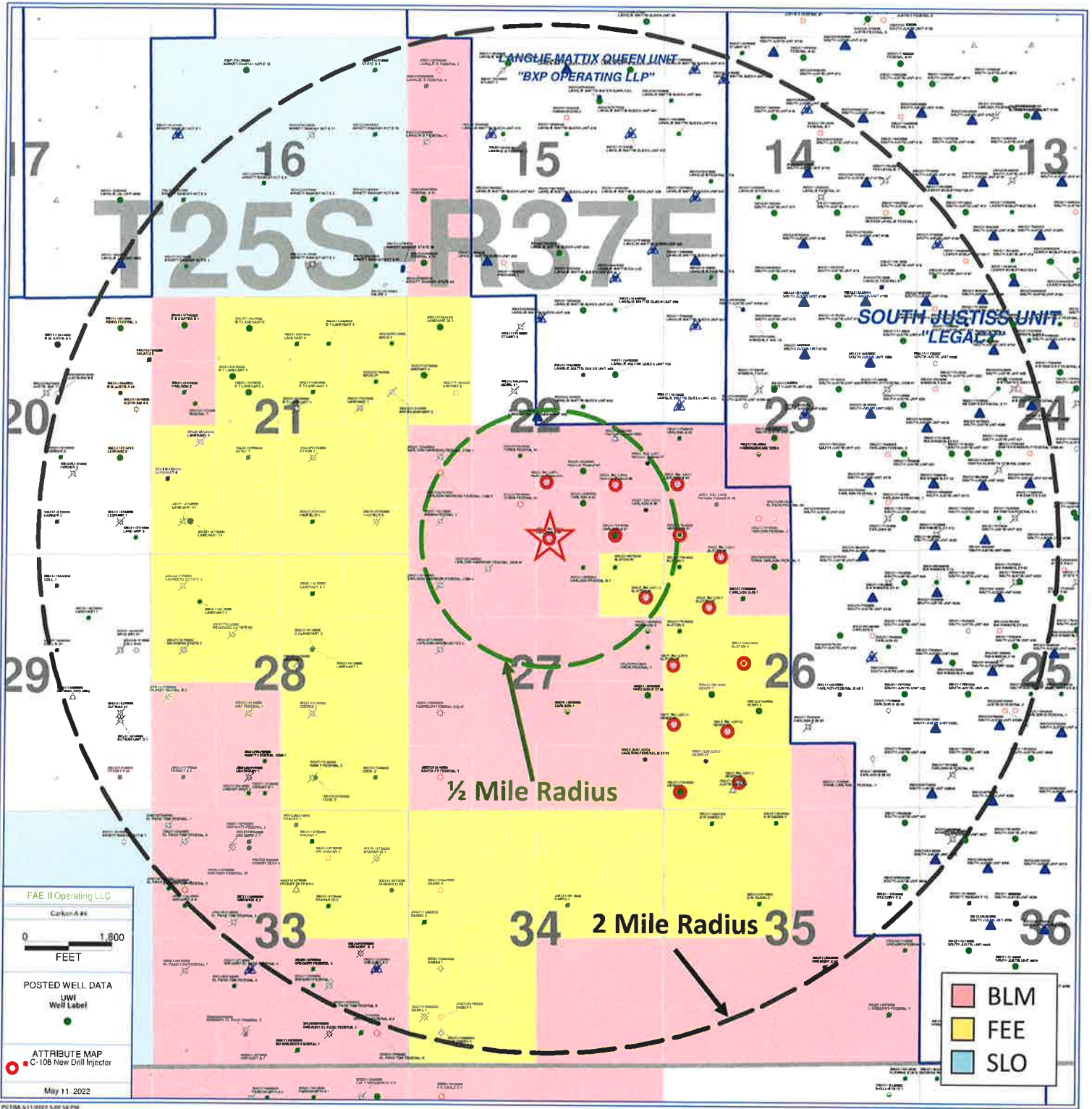
V.
Exhibit A8 shows 20 unique well locations within a ½ mile radius of the proposed new drill injector location, and 358 unique well locations within a 2 mile radius.

ALSTON #8



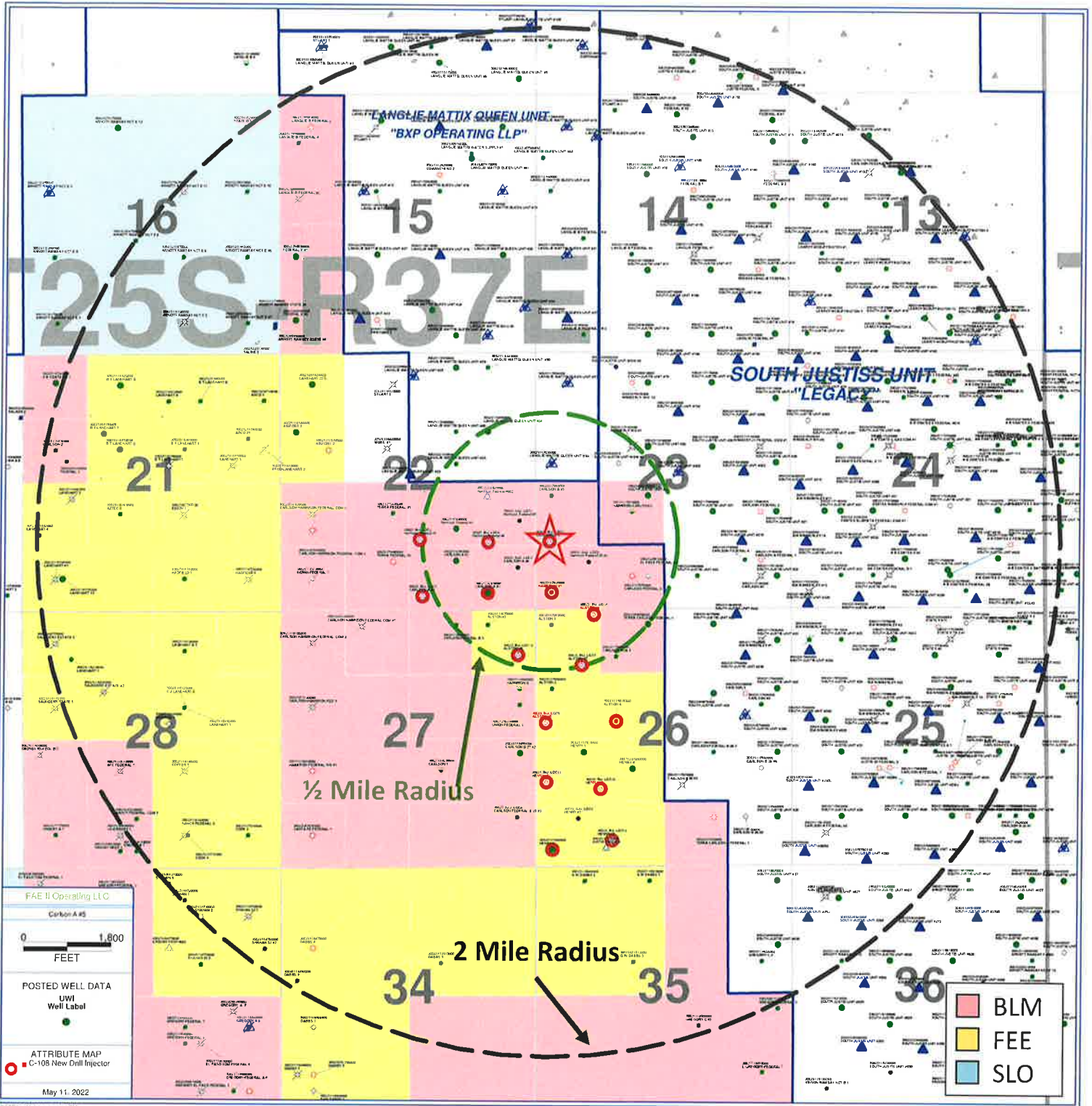
V.
Exhibit A9 shows 20 unique well locations within a ½ mile radius of the proposed new drill injector location, and 335 unique well locations within a 2 mile radius.

CARLSON A #4



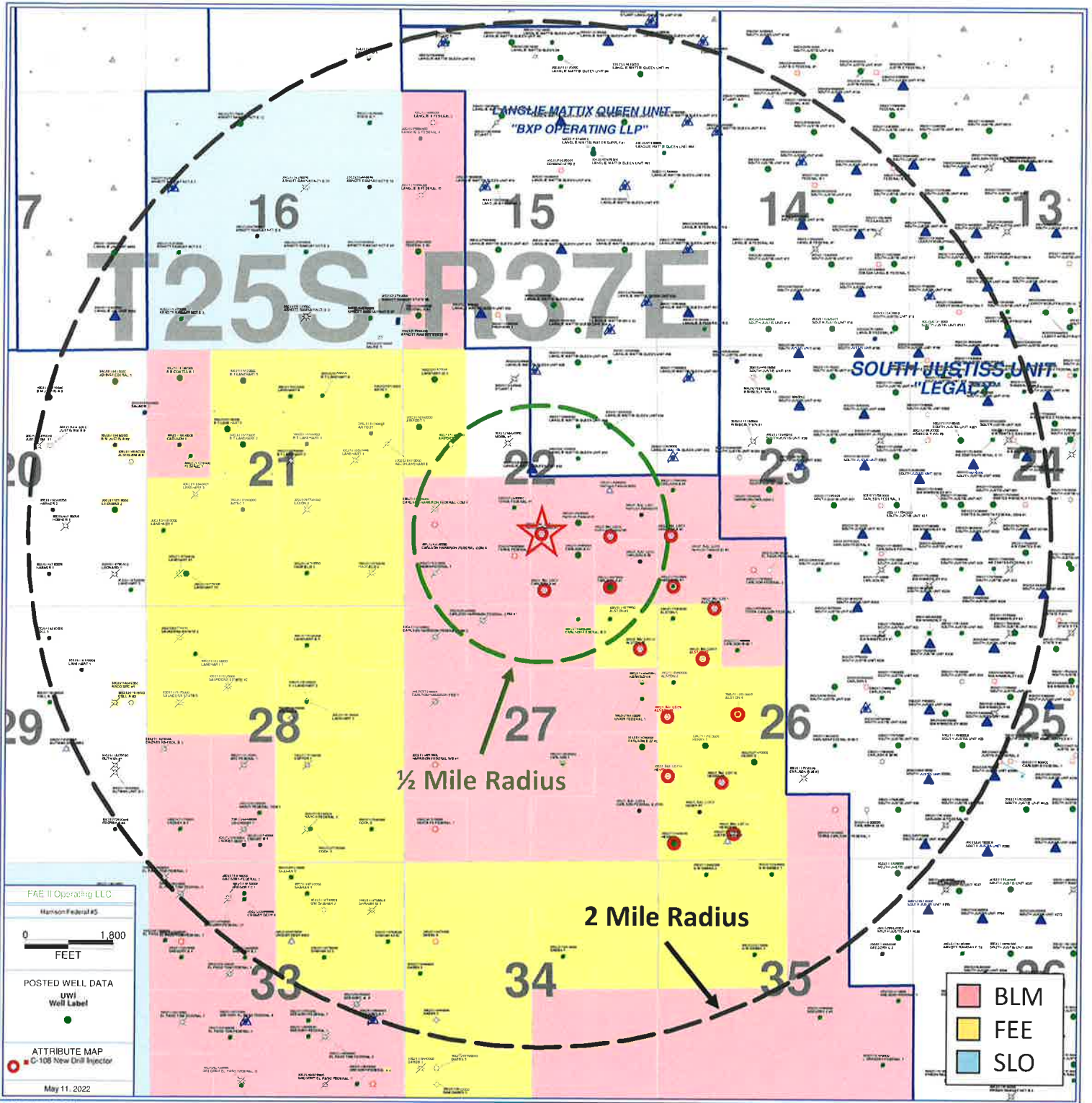
V.
Exhibit A10 shows 26 unique well locations within a ½ mile radius of the proposed new drill injector location, and 405 unique well locations within a 2 mile radius.

CARLSON A #5



V.
Exhibit A11 shows 24 unique well locations within a ½ mile radius of the proposed new drill injector location, and 345 unique well locations within a 2 mile radius.

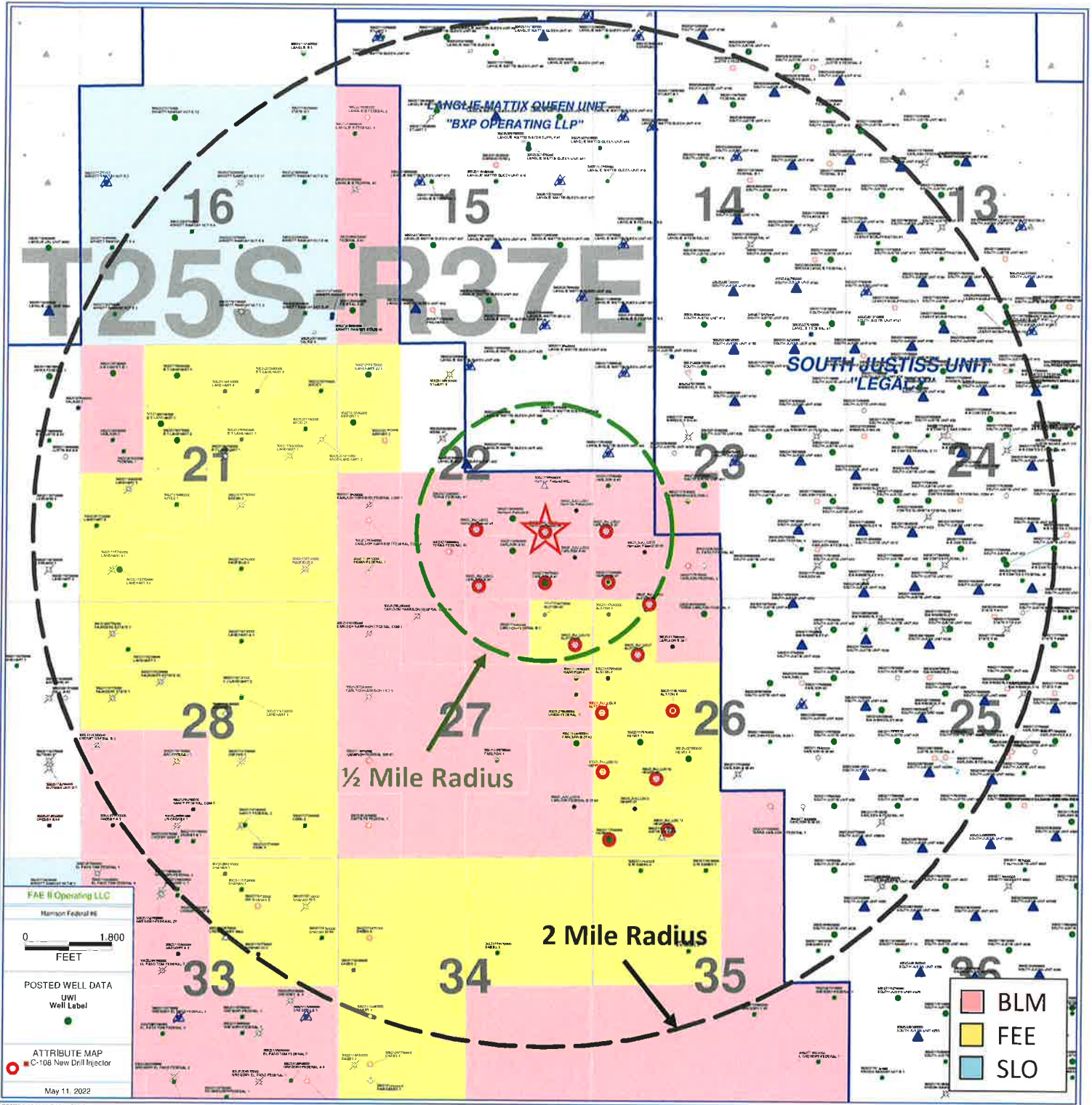
HARRISON FEDERAL #5



V.

Exhibit A12 shows 26 unique well locations within a ½ mile radius of the proposed new drill injector location, and 371 unique well locations within a 2 mile radius.

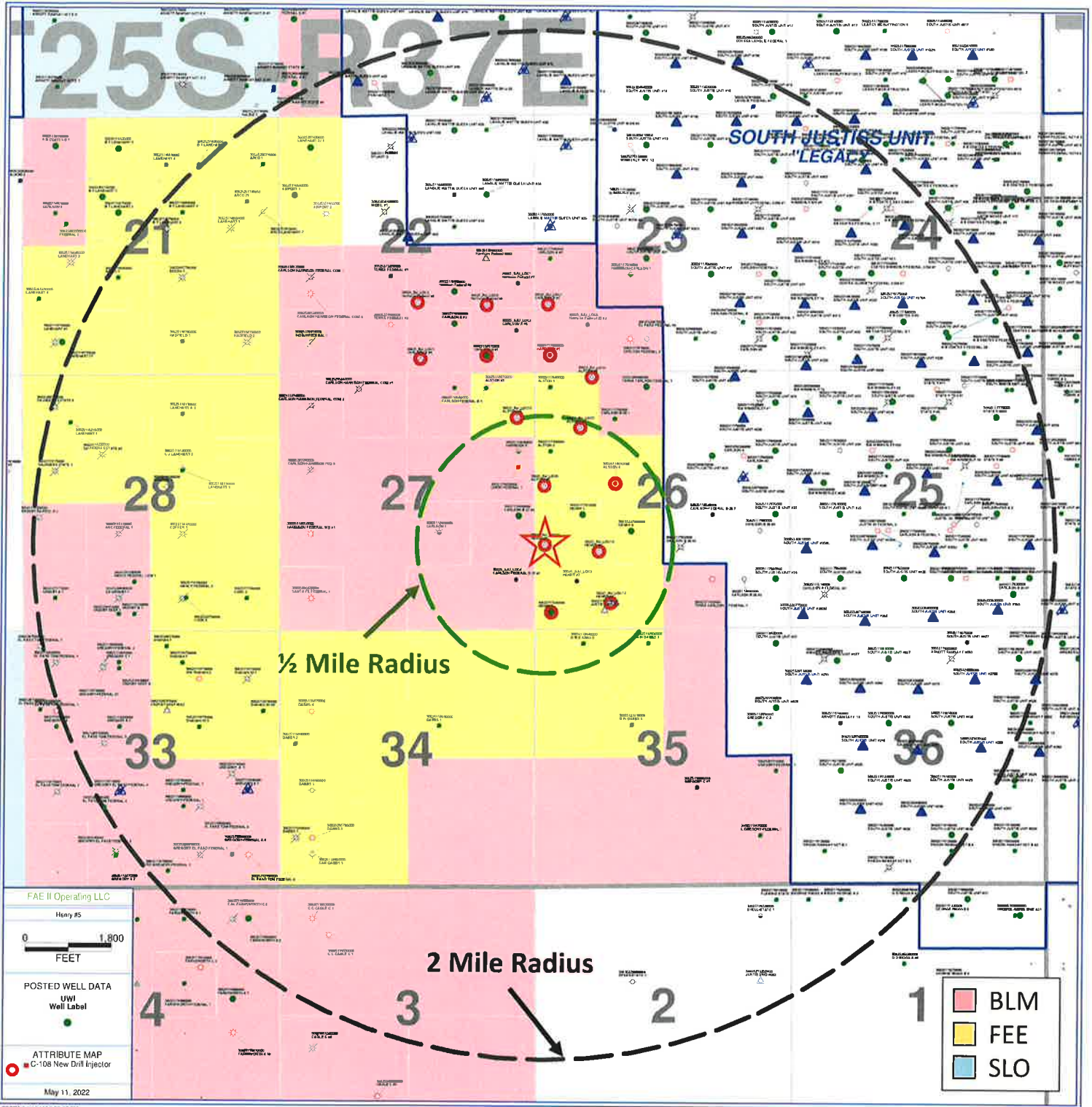
HARRISON FEDERAL #6



V.

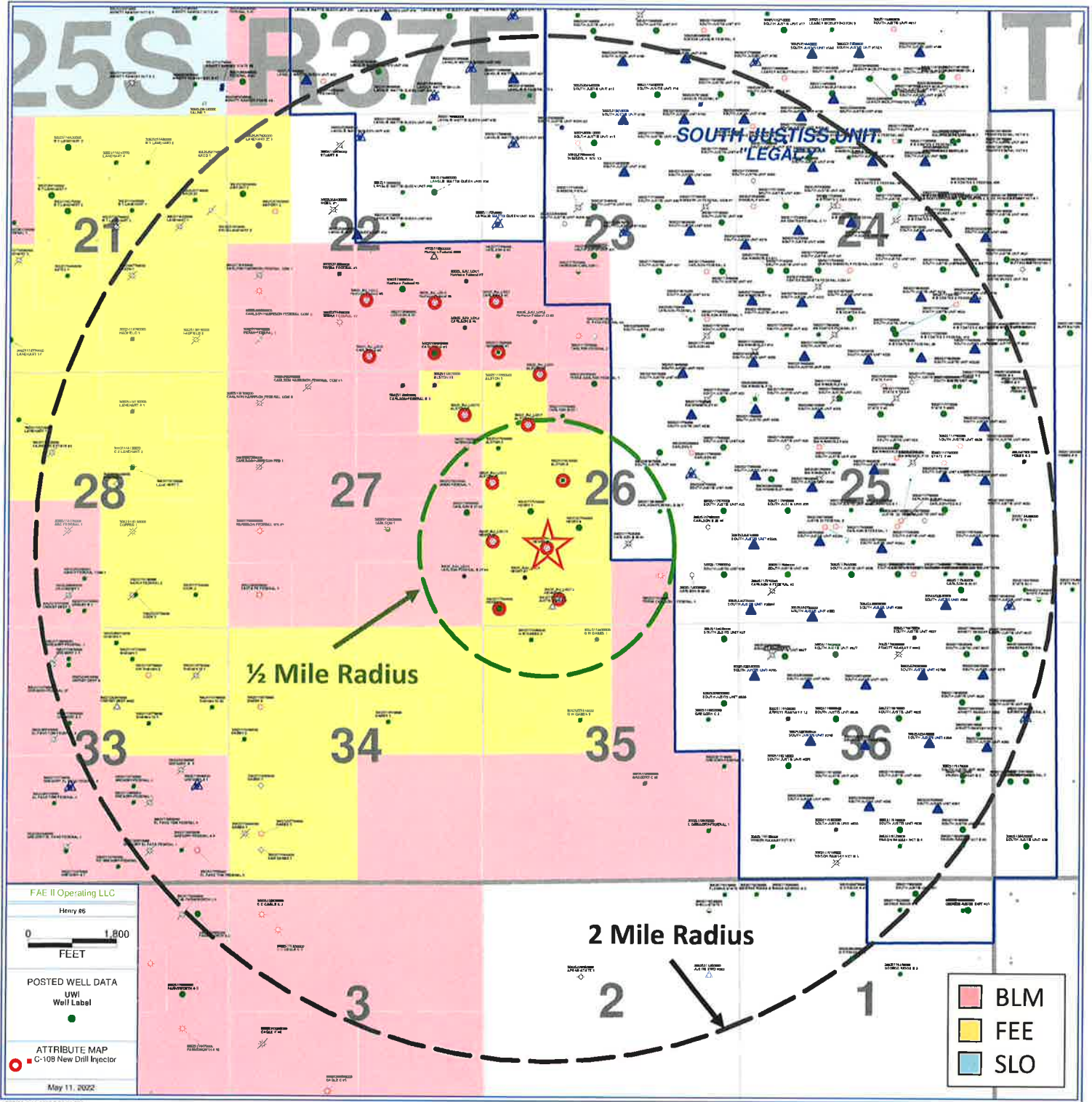
Exhibit A13 shows 18 unique well locations within a ½ mile radius of the proposed new drill injector location, and 332 unique well locations within a 2 mile radius.

HENRY #5



V. Exhibit A14 shows 21 unique well locations within a 1/2 mile radius of the proposed new drill injector location, and 355 unique well locations within a 2 mile radius.

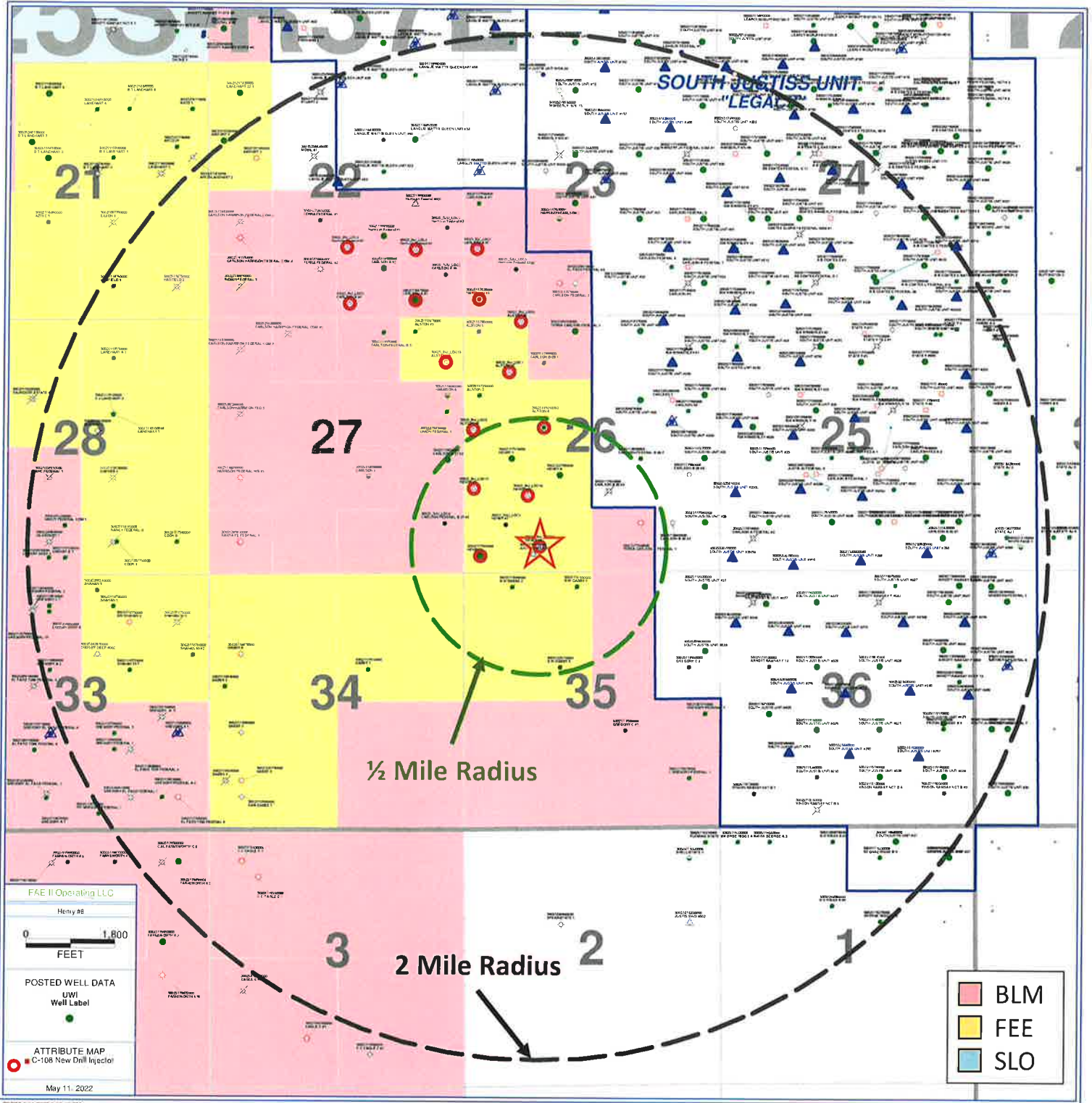
HENRY #6



V.

Exhibit A15 shows 16 unique well locations within a ½ mile radius of the proposed new drill injector location, and 329 unique well locations within a 2 mile radius.

HENRY #8



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-C29.

Exhibit B1

CARLSON A #1
API: 30-025-11697

UWI/API	OPERATOR	WELL LABEL	TD	WELL TYPE	CURRENT ZONE	Distance from Carlson A.1 (feet)	SPUD DATE	COMP DATE	TOWNSHIP	RANGE	SECTION	FOOTAGE
30025116970000	FAE II Operating LLC	CARLSON A #1	3327	OIL	[37240] LANGLE MATTK;7 RVRS-Q-GRAYBURG	0	9/30/1938	11/2/1938	255	37E	22	957 FEL 330 FSL
30025118070000	AMERICAN EXPLORATION COMPANY	ALSTON #3	3345	PLUGOIL	PLUGGED	662.15	3/24/1938	4/17/1938	255	37E	27	990 FEL 330 FNL
30025 SIU LOC2	FAE II Operating LLC	CARLSON A #6	3500	LOC	Location	812.32	TBD	TBD	255	37E	22	335 FEL 835 FSL
30025116960000	FAE II Operating LLC	CARLSON A #2	3354	OIL	[37240] LANGLE MATTK;7 RVRS-Q-GRAYBURG	927.28	10/2/1938	11/18/1938	255	37E	22	1650 FEL 990 FSL
30025118080000	HAMILTON DOME OIL COMPANY	CARLSON-FEDERAL B.1	3364	PLUGOIL	PLUGGED	937.21	11/4/1938	1/31/1939	255	37E	27	1650 FEL 330 FNL
30025117020000	FAE II Operating LLC	HARRISON FEDERAL #6	3500	LOC-INJ	Injector Location	1039.36	TBD	TBD	255	37E	22	950 FEL 1355 FSL
30025 INJ LOC4	PERMIAN RESOURCES INC	HARRISON #1	3347	PLUGOIL	PLUGGED	1322.32	2/2/1938	3/10/1938	255	37E	23	330 FSL 360 FWL
30025 INJ LOC3	FAE II Operating LLC	CARLSON A #4	3500	LOC-INJ	Injector Location	1366.15	TBD	TBD	255	37E	22	2325 FEL 255 FSL
30025 INJ LOC3	FAE II Operating LLC	ALSTON #5	3500	LOC-INJ	Injector Location	1421.22	TBD	TBD	255	37E	27	962 FNL 336 FEL
30025116990000	FAE II Operating LLC	HARRISON FEDERAL #3	3403	OIL	[37240] LANGLE MATTK;7 RVRS-Q-GRAYBURG	1470.2	8/15/1938	9/11/1938	255	37E	22	1650 FEL 1650 FSL
30025117860000	AMERICAN EXPLORATION COMPANY	ALSTON 1	3365	PLUGOIL	PLUGGED	1474.45	11/9/1937	1/14/1938	255	37E	26	330 FNL 330 FNL
30025 SIU LOC1	FAE II Operating LLC	HARRISON FEDERAL #7	3500	LOC	Location	1619.63	TBD	TBD	255	37E	22	300 FEL 1795 FSL
30025 INJ LOC5	FAE II Operating LLC	CARLSON A #5	3500	LOC-INJ	Injector Location	1654.72	TBD	TBD	255	37E	23	330 FNL 1365 FSL
30025 INJ LOC2	FAE II Operating LLC	HARRISON FEDERAL #5	3500	LOC-INJ	Injector Location	1792	TBD	TBD	255	37E	22	2375 FEL 1415 FSL
30025116900000	FAE II Operating LLC	HARRISON FEDERAL #002	3366	SWD	[37240] LANGLE MATTK;7 RVRS-Q-GRAYBURG; [96117] SWD;QUEEN	1979.19	7/6/1938	7/29/1938	255	37E	22	990 FEL 2310 FSL
30025274490000	ENDEAVOR ENERGY RESOURCES, LP	TERRA FEDERAL #2	3470	GAS		2070.3	6/7/1981	4/6/1982	255	37E	22	2310 FNL 990 FSL
30025118040000	ANDERSON-PRICHARD OIL CORP	HARRISON 4	3349	DHISO&G	PLUGGED	2086.2	10/8/1938	1/4/1939	255	37E	27	330 FEL 1650 FNL
30025 SIU LOC5	FAE II Operating LLC	HARRISON FEDERAL 23 #2	3400	LOC	Location	2167.7	TBD	TBD	255	37E	23	940 FSL 1116 FNL
30025 INJ LOC8	FAE II Operating LLC	ALSTON #6	3500	LOC-INJ	Injector Location	2217.95	TBD	TBD	255	37E	26	137 FNL 1210 FNL
5 INJ LOC8	AMERICAN EXPLORATION COMPANY	ALSTON 2	3342	PLUGOIL	PLUGGED	2375.54	2/11/1938	3/15/1938	255	37E	26	330 FNL 1650 FNL
5117990000	AMERICAN EXPLORATION COMPANY	CARLSON A #3	3345	PLUGOIL	PLUGGED	2386.71	12/13/1938	1/15/1939	255	37E	23	330 FNL 2310 FNL
5117090000	SANTIA FE ENERGY RESOURCES INCORPORATED	CARLSON A #3	3345	PLUGOIL	PLUGGED	2386.71	12/13/1938	1/15/1939	255	37E	23	330 FNL 2310 FNL
5276830000	ANTWEIL MORRIS R	UNION FEDERAL 1	3375	PLUGOIL	PLUGGED	2398.23	12/26/1981	3/22/1982	255	37E	27	330 FEL 1980 FNL
5 INJ LOC7	FAE II Operating LLC	ALSTON #7	3500	LOC-INJ	Injector Location	2435.87	TBD	TBD	255	37E	26	1179 FNL 960 FNL
5272450000	ENDEAVOR ENERGY RESOURCES, LP	TERRA FEDERAL #1	3470	PLUGOIL	PLUGGED	2556.34	2/13/1981	5/1/1981	255	37E	22	2310 FNL 1980 FNL

Exhibit B2

HARRISON #1
API: 30-025-11702

UWI/API	OPERATOR	WELL LABEL	TD	WELL TYPE	CURRENT ZONE	Distance from Harrison 1 (Feet)	SPUD DATE	COMP DATE	TOWNSHIP	RANGE	SECTION	FOOTAGE
30025117020000	PERMIAN RESOURCES INC	HARRISON #1	3347	PLUGGAIL	PLUGGED	0	2/2/1938	3/10/1938	255	37E	23	330 FSL 360 FWL
30025117860000	AMERICAN EXPLORATION COMPANY	ALSTON 1	3365	PLUGGAIL	PLUGGED	662.16	11/9/1937	1/14/1938	255	37E	26	330 FWL 330 FNL
30025 SIU LOC2	FAE II Operating LLC	CARLSON A #6	3500	LOC	Location	867.28	TBD	TBD	255	37E	22	335 FEL 835 FSL
30025 INJ LOC8	FAE II Operating LLC	ALSTON #6	3500	LOC-INJ	Injector Location	964.21	TBD	TBD	255	37E	26	137 FNL 1210 FWL
30025 SIU LOC5	FAE II Operating LLC	Harrison Federal 23 #2	3400	LOC	Location	975.82	TBD	TBD	255	37E	23	940 FSL 1116 FWL
30025 INJ LOC5	FAE II Operating LLC	CARLSON A #5	3500	LOC-INJ	Injector Location	1006.11	TBD	TBD	255	37E	23	330 FWL 1365 FSL
30025116970000	FAE II Operating LLC	CARLSON A #1	3327	OIL	Injector Location	1322.32	9/30/1938	11/2/1938	255	37E	22	957 FEL 330 FSL
30025 INJ LOC13	FAE II Operating LLC	ALSTON #5	3500	LOC-INJ	Injector Location	1460.95	TBD	TBD	255	37E	27	962 FNL 336 FEL
30025118070000	AMERICAN EXPLORATION COMPANY	ALSTON #3	3345	PLUGGAIL	PLUGGED	1480.48	3/24/1938	4/17/1938	255	37E	27	990 FEL 330 FNL
30025 SIU LOC7	FAE II Operating LLC	ALSTON #7	3500	LOC-INJ	Injector Location	1611.98	TBD	TBD	255	37E	26	1174 FNL 960 FWL
30025 INJ LOC1	FAE II Operating LLC	Harrison Federal #7	3500	LOC	Location	1617.63	TBD	TBD	255	37E	22	300 FEL 1795 FSL
30025 INJ LOC4	FAE II Operating LLC	Harrison Federal #6	3500	LOC-INJ	Injector Location	1671.89	TBD	TBD	255	37E	22	950 FEL 1355 FSL
30025117070000	FAE II Operating LLC	CARLSON FEDERAL 2	3314	GAS	[37240] LANGUE MATTX; 7 RVRs-Q-GRAYBURG; [79240] JALMAT; TAN-VAITES-7 RVRs (GAS)	1682.72	9/27/1955	12/8/1955	255	37E	23	1980 FWL 660 FSL
30025117890000	ITALO PETROLEUM CORPORATION	CARLSON B-26 1	3341	PLUGGAIL	PLUGGED	1867.09	3/26/1939	4/25/1939	255	37E	26	1650 FWL 990 FNL
30025117990000	AMERICAN EXPLORATION COMPANY	ALSTON 2	3342	PLUGGAIL	PLUGGED	1979.18	2/11/1938	3/15/1938	255	37E	26	330 FWL 1650 FNL
30025117090000	SANTA FE ENERGY RESOURCES INCORPORATED	CARLSON A #3	3345	PLUGGAIL	PLUGGED	1979.19	12/13/1938	1/15/1939	255	37E	23	330 FWL 2310 FSL
3002529610000	LEGACY RESERVES OPERATING, LP	EL PASO FEDERAL #2	7415	TA	[34220] JUSTIS; BLINBERY-TUBB-DRINKKARD	2005.13	1/11/1969	3/17/1969	255	37E	23	2310 FWL 660 FSL
30025116960000	FAE II Operating LLC	CARLSON A #2	3354	OIL	[37240] LANGUE MATTX; 7 RVRs-Q-GRAYBURG	2083.21	10/2/1938	11/18/1938	255	37E	22	1650 FEL 990 FSL
30025116950000	FAE II Operating LLC	TERRA CARLSON FEDERAL 1	3452	OIL	[37240] LANGUE MATTX; 7 RVRs-Q-GRAYBURG	2084.91	7/31/1980	8/22/1980	255	37E	26	2310 FWL 330 FSL
5118040000	ANDERSON-PRICHARD OIL CORP	HARRISON 4	3349	DHSO&G	PLUGGED	2090.64	10/8/1938	1/4/1939	255	37E	27	330 FEL 1650 FNL
5118080000	HAMILTON DOME OIL COMPANY	CARLSON-FEDERAL B 1	3364	PLUGGAIL	PLUGGED	2091.94	11/4/1938	1/31/1939	255	37E	27	1650 FEL 330 FNL
5117030000	ANDERSON-PRICHARD OIL CORP	HARRISON-CARLSON 5	5021	DHSO	PLUGGED	2332.11	5/7/1943	7/31/1943	255	37E	22	1980 FWL 1980 F
5116990000	FAE II Operating LLC	Harrison Federal #3	3403	OIL	[37240] LANGUE MATTX; 7 RVRs-Q-GRAYBURG	2372.41	8/15/1938	9/11/1938	255	37E	22	1650 FEL 1650 F
5116900000	FAE II Operating LLC	Harrison Federal #002	3366	SWD	[37240] LANGUE MATTX; 7 RVRs-Q-GRAYBURG; [96117] SWD-QUEEN	2373.78	7/6/1938	7/29/1938	255	37E	22	990 FEL 2310 F
5276830000	ANTWELL MORRIS R	UNION FEDERAL 1	3375	PLUGGAIL	PLUGGED	2404.28	12/26/1981	3/22/1982	255	37E	27	330 FEL 1980 FNL

Exhibit B3

HENRY 3
API: 30-025-11788

1/2 Mile Radius

UWI/API	OPERATOR	WELL LABEL	TD	WELL TYPE	CURRENT ZONE	Distance from Henry 3 (feet)	SPUD DATE	COMP DATE	TOWNSHIP	RANGE	SECTION	FOOTAGE
30025117880000	MAMMOTH EXPLORATION, LLC	HENRY 3	3325	OIL	[37240] LANGUE MATTX;7 RVR5-Q-GRAYBURG	0	2/10/1939	4/9/1939	255	37E	26	342 FWL 336 FSL
30025 31U LOC3	FAE II Operating LLC	HENRY #7	3400	LOC	Location	828.79	TBD	TBD	255	37E	26	960 FSL 862 FWL
30025118940000	CARR WELL SERVICE INCORPORATED	G W DABBS 2	3330	PLUGOIL	PLUGGED	924.59	9/24/1938	11/23/1938	255	37E	35	990 FWL 330 FNL
30025 31U LOC4	FAE II Operating LLC	CARLSON FEDERAL B 27 #3	3500	LOC	Location	990.38	TBD	TBD	255	37E	27	994 FSL 342 FEL
30025117870000	RICE OPERATING COMPANY	JUSTIS SWD #26	4800	SWD	[96121] SWD;SAN ANDRES	1095.99	12/8/1938	1/27/1939	255	37E	26	1650 FWL 330 FSL
30025 INJ LOC12	FAE II Operating LLC	HENRY #8	3400	LOC-INJ	Injector Location	1234.15	TBD	TBD	255	37E	26	507 FSL 1555 FWL
30025 INJ LOC11	FAE II Operating LLC	HENRY #5	3500	LOC-INJ	Injector Location	1393.97	TBD	TBD	255	37E	26	1709 FSL 212 FWL
30025 INJ LOC10	FAE II Operating LLC	HENRY #6	3400	LOC-INJ	Injector Location	1583.32	TBD	TBD	255	37E	26	1562 FSL 1321 FWL
30025118090000	FAE II Operating LLC	CARLSON B 27 #2	3307	OIL	[37240] LANGUE MATTX;7 RVR5-Q-GRAYBURG	2086.22	11/9/1938	12/9/1938	255	37E	27	330 FEL 2310 FSL
30025118930000	CARR WELL SERVICE INCORPORATED	G W DABBS 1	3331	PLUGOIL	PLUGGED	2098.28	4/30/1938	8/18/1938	255	37E	35	2310 FWL 330 FNL
30025117910000	MAMMOTH EXPLORATION, LLC	HENRY 1	3330	OIL	[37240] LANGUE MATTX;7 RVR5-Q-GRAYBURG	2102.14	5/27/1938	8/13/1938	255	37E	26	660 FWL 2310 FSL
30025227880000	FAE II Operating LLC	HENRY 4	7795	OIL	[37240] LANGUE MATTX;7 RVR5-Q-GRAYBURG	2335.24	10/8/1968	11/23/1968	255	37E	26	1980 FWL 1980 FSL
30025 INJ LOC9	FAE II Operating LLC	ALSTON #8	3500	LOC-INJ	Injector Location	2602.83	TBD	TBD	255	37E	26	2360 FNL 212 FWL

Exhibit B4

ALSTON 4
API: 30-025-11801

1/2 Mile Radius

UWI/API	OPERATOR	WELL LABEL	ID	WELL TYPE	CURRENT ZONE	Distance from Alston 4 (feet)	SPUD DATE	COMP DATE	TOWNSHIP	RANGE	SECTION	FOOTAGE
30025118010000	AMERICAN EXPLORATION COMPANY	ALSTON 4	3341	PLUGOIL	PLUGGED	0	4/26/1938	6/13/1938	255	37E	26	2311 FNL 1665 FWL
30025117910000	MAMMOTH EXPLORATION, LLC	HENRY 1	3330	OIL	[37240] LANGUE MATTX-7 RVR-S-Q-GRAVBURG	920.67	5/27/1938	8/13/1938	255	37E	26	660 FWL 2310 FSL
30025227880000	FAE II Operating LLC	HENRY 4	7795	OIL	[37240] LANGUE MATTX-7 RVR-S-Q-GRAVBURG	1035.72	10/8/1968	11/23/1968	255	37E	26	1980 FWL 1980 FSL
30025117890000	ITALO PETROLEUM CORPORATION	CARLSON B-26 1	3341	PLUGOIL	PLUGGED	1320.66	3/26/1939	4/25/1939	255	37E	26	1650 FWL 990 FNL
30025 INJ LOC7	FAE II Operating LLC	ALSTON #7	3500	LOC-INJ	Injector Location	1353.03	TBD	TBD	255	37E	26	1174 FNL 960 FWL
30025 INJ LOC10	FAE II Operating LLC	HENRY #6	3400	LOC-INJ	Injector Location	1434.28	TBD	TBD	255	37E	26	1562 FSL 1321 FWL
30025 INJ LOC9	FAE II Operating LLC	ALSTON #8	3500	LOC-INJ	Injector Location	1454.72	TBD	TBD	255	37E	26	2360 FNL 212 FWL
30025117990000	AMERICAN EXPLORATION COMPANY	ALSTON 2	3342	PLUGOIL	PLUGGED	1477.78	2/11/1938	3/15/1938	255	37E	26	330 FWL 1650 FNL
30025117950000	PERMIAN RESOURCES INC	CARLSON B 26 #3	3329	PLUGGAS	PLUGGED	1878.95	1/12/1956	2/1/1956	255	37E	26	2310 FWL 1650 FSL
30025 INJ LOC11	FAE II Operating LLC	HENRY #5	3500	LOC-INJ	Injector Location	1910.53	TBD	TBD	255	37E	26	1709 FSL 212 FWL
30025276830000	ANTWELL/MORRIS R	UNION FEDERAL 1	3375	PLUGOIL	PLUGGED	2010.13	12/26/1981	3/22/1982	255	37E	27	330 FEL 1980 FNL
30025269500000	FAE II Operating LLC	TERRA CARLSON FEDERAL 1	3452	OIL	[37240] LANGUE MATTX-7 RVR-S-Q-GRAVBURG	2086.21	7/31/1980	8/22/1980	255	37E	26	2310 FWL 330 FNL
30025118040000	ANDERSON-PRICHARD OIL CORP	HARRISON 4	3349	DHSORG	PLUGGED	2086.8	10/8/1938	1/4/1939	255	37E	27	330 FEL 1650 FNL
30025118090000	FAE II Operating LLC	CARLSON B 27 #2	3307	OIL	[37240] LANGUE MATTX-7 RVR-S-Q-GRAVBURG	2087.48	11/9/1938	12/9/1938	255	37E	27	330 FEL 2310 FSL
30025209670000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #24	5830	OIL	[34220] JUSTIS-BLUEBRY-TUBE-DRINKARD	2088.58	6/4/1964	12/4/1964	255	37E	26	1650 FEL 1750 FSL
30025118020000	WESTATES PETROLEUM COMPANY	CARLSON-FEDERAL B-26 7	6050	PLUGOIL	PLUGGED	2112.84	8/6/1960	9/28/1960	255	37E	26	1650 FEL 2310 FSL
30025 SIJ LOC3	FAE II Operating LLC	HENRY #7	3400	LOC	Location	2147.58	TBD	TBD	255	37E	26	960 FSL 862 FWL
15 INJ LOC8	FAE II Operating LLC	ALSTON #6	3500	LOC-INJ	Injector Location	2236.65	TBD	TBD	255	37E	26	137 FNL 1210 FV
25117860000	AMERICAN EXPLORATION COMPANY	ALSTON 1	3365	PLUGOIL	PLUGGED	2381.61	11/9/1937	1/14/1938	255	37E	26	330 FWL 330 FNL
5 INJ LOC13	FAE II Operating LLC	ALSTON #5	3500	LOC-INJ	Injector Location	2434.57	TBD	TBD	255	37E	27	962 FNL 336 FE
5 INJ LOC12	FAE II Operating LLC	HENRY #8	3400	LOC-INJ	Injector Location	2449.23	TBD	TBD	255	37E	26	507 FSL 1555 FV
25117870000	RICE OPERATING COMPANY	JUSTIS SWD #26	4800	SWD	[96121] SWD/SAN ANDRES	2617.74	12/8/1938	1/27/1939	255	37E	26	1650 FWL 330 FE

Exhibit B5

ALSTON #5

1/2 Mile Radius

UWI/API	OPERATOR	WELL LABEL	TD	WELL TYPE	CURRENT ZONE	Distance from Alston 5 (Feet)	SPUD DATE	COMP DATE	TOWNSHIP	RANGE	SECTION	FOOTAGE
30025118040000	FAE II Operating LLC	ALSTON #5	3500	LOC-INJ	Injector Location	0	TBD	TBD	255	37E	27	962 FNL 336 FEL
30025118040000	ANDERSON-PRICHARD OIL CORP	HARRISON 4	3349	DHSO&G	PLUGGED	702.04	10/8/1938	1/4/1939	255	37E	27	330 FEL 1650 FNL
30025118070000	AMERICAN EXPLORATION COMPANY	ALSTON #3	3345	PLUGOIL	PLUGGED	875	3/24/1938	4/17/1938	255	37E	27	990 FEL 330 FNL
30025117860000	AMERICAN EXPLORATION COMPANY	ALSTON 1	3365	PLUGOIL	PLUGGED	933.27	11/9/1937	1/14/1938	255	37E	26	330 FNL 330 FNL
30025117990000	AMERICAN EXPLORATION COMPANY	ALSTON 2	3342	PLUGOIL	PLUGGED	986.58	2/11/1938	3/15/1938	255	37E	26	330 FNL 1650 FNL
30025276830000	ANTWEIL MORRIS R	UNION FEDERAL 1	3375	PLUGOIL	PLUGGED	1029.03	12/26/1981	3/22/1982	255	37E	27	330 FEL 1980 FNL
30025118080000	FAE II Operating LLC	ALSTON #7	3500	LOC-INJ	Injector Location	1322.16	TBD	TBD	255	37E	26	1174 FNL 960 FNL
30025118080000	HAMILTON DOME OIL COMPANY	CARLSON-FEDERAL B 1	3364	PLUGOIL	PLUGGED	1419.87	11/4/1938	1/31/1939	255	37E	27	1650 FEL 330 FNL
30025116970000	FAE II Operating LLC	CARLSON A #1	3327	OIL	[37240] LANGUE MATTX; 7 RVRS-Q-GRAVBURG	1421.22	9/30/1938	11/2/1938	255	37E	22	957 FEL 330 FSL
30025117020000	PERMIAN RESOURCES INC	HARRISON #1	3347	PLUGOIL	PLUGGED	1460.95	2/2/1938	3/10/1938	255	37E	23	330 FSL 360 FNL
30025117020000	FAE II Operating LLC	ALSTON #8	3500	LOC-INJ	Injector Location	1506.79	TBD	TBD	255	37E	26	2360 FNL 212 FNL
30025117020000	FAE II Operating LLC	ALSTON #6	3500	LOC-INJ	Injector Location	1755.12	TBD	TBD	255	37E	26	137 FNL 1210 FNL
30025117890000	FAE II Operating LLC	CARLSON A #6	3500	LOC	Location	1797.27	TBD	TBD	255	37E	22	335 FEL 835 FSL
30025117890000	ITALO PETROLEUM CORPORATION	CARLSON B-26.1	3341	PLUGOIL	PLUGGED	2017.58	3/26/1939	4/25/1939	255	37E	26	1650 FNL 990 FNL
30025117890000	FAE II Operating LLC	CARLSON B 27 #2	3307	OIL	[37240] LANGUE MATTX; 7 RVRS-Q-GRAVBURG	2018.33	11/9/1938	12/9/1938	255	37E	27	330 FEL 2310 FSL
30025116960000	FAE II Operating LLC	CARLSON A #2	3354	OIL	[37240] LANGUE MATTX; 7 RVRS-Q-GRAVBURG	2317.26	10/2/1938	11/18/1938	255	37E	22	1650 FEL 990 FSL
30025116960000	FAE II Operating LLC	CARLSON A #4	3500	LOC-INJ	Injector Location	2329.59	TBD	TBD	255	37E	22	2325 FEL 255 FSL
25117910000	FAE II Operating LLC	Harrison Federal 23 #2	3400	LOC	Location	2394.14	TBD	TBD	255	37E	23	940 FSL 1116 FNL
25117910000	FAE II Operating LLC	Harrison Federal #6	3500	LOC-INJ	Injector Location	2596.82	TBD	TBD	255	37E	22	950 FEL 1335 FSL
25117910000	MAMMOTH EXPLORATION, LLC	HENRY 1	3330	OIL	[37240] LANGUE MATTX; 7 RVRS-Q-GRAVBURG	2415.39	5/27/1938	8/13/1938	255	37E	26	660 FNL 2310 FSL
25118010000	FAE II Operating LLC	CARLSON A #5	3500	LOC-INJ	Injector Location	2418.43	TBD	TBD	255	37E	23	330 FNL 1365 FSL
25118010000	AMERICAN EXPLORATION COMPANY	ALSTON 4	3341	PLUGOIL	PLUGGED	2434.57	4/26/1938	6/13/1938	255	37E	26	2311 FNL 1665 FNL

Exhibit B6

ALSTON #6

UWI/API	OPERATOR	WELL LABEL	TD	WELL TYPE	CURRENT ZONE	Distance from Alston 6 (feet)	SPUD DATE	COMP DATE	TOWNSHIP	RANGE	SECTION	FOOTAGE
30025 INJ LOC8	FAE II Operating LLC	ALSTON #6	3500	LOC-INJ	Injector Location	0	TBD	TBD	255	37E	26	137 FNL 1210 FWL
30025117860000	AMERICAN EXPLORATION COMPANY	ALSTON 1	3365	PLUGOIL	PLUGGED	875.94	11/9/1937	1/14/1938	255	37E	26	330 FWL 330 FNL
30025117920000	PERMIAN RESOURCES INC	HARRISON #1	3347	PLUGOIL	PLUGGED	964.21	2/2/1938	3/10/1938	255	37E	23	330 FSL 360 FWL
30025117890000	ITALO PETROLEUM CORPORATION	CARLSON B-26 1	3341	PLUGOIL	PLUGGED	984.64	3/26/1939	4/25/1939	255	37E	26	1650 FWL 990 FNL
30025 INJ LOC7	FAE II Operating LLC	ALSTON #7	3500	LOC-INJ	Injector Location	1065.34	TBD	TBD	255	37E	26	1174 FNL 960 FWL
30025 SIU LOC5	FAE II Operating LLC	Harrison Federal 23 #2	3400	LOC	Location	1081.48	TBD	TBD	255	37E	23	940 FSL 1116 FWL
30025117070000	FAE II Operating LLC	CARLSON FEDERAL 2	3314	GAS	[37240] LANGUE MATTX; 7 R/RS-Q-GRAYBURG; [79240] JALMAT; TAN-VATES-7 R/RS (GAS)	1122.3	9/27/1955	12/8/1955	255	37E	23	1980 FWL 660 FSL
30025269500000	FAE II Operating LLC	TERRA CARLSON FEDERAL 1	3452	OIL	[37240] LANGUE MATTX; 7 R/RS-Q-GRAYBURG	1146.15	7/31/1980	8/22/1980	255	37E	26	2310 FWL 330 FNL
30025229610000	LEGACY RESERVES OPERATING, LP	EL PASO FEDERAL #2	7415	TA	[34220] JUSTIS; BLINEBRY; TUBB; DRINKARD	1374.08	1/11/1969	3/17/1969	255	37E	23	2310 FWL 660 FSL
30025117990000	AMERICAN EXPLORATION COMPANY	ALSTON 2	3342	PLUGOIL	PLUGGED	1743.66	2/11/1938	3/15/1938	255	37E	26	330 FWL 1650 FNL
30025 INJ LOC5	FAE II Operating LLC	CARLSON A #5	3500	LOC-INJ	Injector Location	1747.27	TBD	TBD	255	37E	23	330 FWL 1365 FSL
30025 INJ LOC13	FAE II Operating LLC	ALSTON #5	3500	LOC-INJ	Injector Location	1755.12	TBD	TBD	255	37E	27	962 FNL 336 FSL
30025 SIU LOC2	FAE II Operating LLC	CARLSON A #6	3500	LOC	Location	1826.9	TBD	TBD	255	37E	22	335 FEL 835 FSL
30025118040000	ANDERSON-PRICHARD OIL CORP	HARRISON 4	3349	DHSO&G	PLUGGED	2147.15	10/8/1938	1/4/1939	255	37E	27	330 FEL 1650 FNL
30025118070000	AMERICAN EXPLORATION COMPANY	ALSTON #3	3345	PLUGOIL	PLUGGED	2180.94	3/24/1938	4/17/1938	255	37E	27	990 FEL 330 FNL
30025116970000	FAE II Operating LLC	CARLSON A #1	3327	OIL	[37240] LANGUE MATTX; 7 R/RS-Q-GRAYBURG	2217.95	9/30/1938	11/2/1938	255	37E	22	957 FEL 330 FSL
30025118010000	AMERICAN EXPLORATION COMPANY	ALSTON 4	3341	PLUGOIL	PLUGGED	2236.65	4/26/1938	6/13/1938	255	37E	26	2311 FNL 1665 FSL
30025117030000	ANDERSON-PRICHARD OIL CORP	HARRISON-CARLSON 5	5021	DHSO	PLUGGED	2251.05	5/7/1943	7/31/1943	255	37E	23	1980 FWL 1980 FSL
3002529060000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #22	7361	PLUGOIL	PLUGGED	2289.62	12/1/1968	2/1/1969	255	37E	23	1980 FEL 660 FS
5276830000	ANTWELL MORRIS R	UNION FEDERAL 1	3375	PLUGOIL	PLUGGED	2397.82	12/26/1961	3/22/1982	255	37E	27	330 FEL 1980 FNL
5 INJ LOC9	FAE II Operating LLC	ALSTON #8	3500	LOC-INJ	Injector Location	2431.08	TBD	TBD	255	37E	26	2360 FNL 212 FV
5 SIU LOC1	FAE II Operating LLC	Harrison Federal #7	3500	LOC	Location	2454.01	TBD	TBD	255	37E	22	300 FEL 1795 FS
5210570000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #23	6050	OIL	[34220] JUSTIS; BLINEBRY; TUBB; DRINKARD	2492.21	6/30/1964	8/6/1964	255	37E	26	1650 FWL 330 FNL
5117090000	SANTA FE ENERGY RESOURCES INCORPORATED	CARLSON A #3	3345	PLUGOIL	PLUGGED	2578.4	12/13/1938	1/15/1939	255	37E	23	330 FWL 2310 FS
5 INJ LOC4	FAE II Operating LLC	Harrison Federal #6	3500	LOC-INJ	Injector Location	2626.91	TBD	TBD	255	37E	22	950 FEL 1335 FS

Exhibit B7

ALSTON #7

1/2 Mile Radius

UWI/API	OPERATOR	WELL LABEL	TD	WELL TYPE	CURRENT ZONE	Distance from Alston 7 [feet]	SPUD DATE	COMP DATE	TOWNSHIP	RANGE	SECTION	FOOTAGE
30025.1N1 LOC7	FAE II Operating LLC	ALSTON #7	3500	LOC-INJ	Injector Location	0	TBD	TBD	25S	37E	26	1174 FNL 960 FWL
30025117890000	ITALO PETROLEUM CORPORATION	CARLSON B-26 1	3341	PLUGOIL	PLUGGED	732.28	3/26/1939	4/25/1939	25S	37E	26	1650 FWL 990 FNL
30025117990000	AMERICAN EXPLORATION COMPANY	ALSTON 2	3342	PLUGOIL	PLUGGED	776.77	2/11/1938	3/15/1938	25S	37E	26	330 FWL 1650 FNL
30025117860000	AMERICAN EXPLORATION COMPANY	ALSTON 1	3365	PLUGOIL	PLUGGED	1030.26	11/9/1937	1/14/1938	25S	37E	26	330 FWL 330 FNL
30025.1N1 LOC8	FAE II Operating LLC	ALSTON #6	3500	LOC-INJ	Injector Location	1065.34	TBD	TBD	25S	37E	26	137 FNL 1210 FWL
30025.1N1 LOC13	FAE II Operating LLC	ALSTON #5	3500	LOC-INJ	Injector Location	1322.16	TBD	TBD	25S	37E	27	962 FNL 336 FEL
30025118010000	AMERICAN EXPLORATION COMPANY	ALSTON 4	3341	PLUGOIL	PLUGGED	1353.03	4/26/1938	6/13/1938	25S	37E	26	2311 FNL 1665 FWL
30025118040000	ANDERSON-PRICHARD OIL CORP	HARRISON 4	3349	DHSO&G	PLUGGED	1357.55	10/8/1938	1/4/1939	25S	37E	27	330 FEL 1650 FNL
30025.1N1 LOC9	FAE II Operating LLC	ALSTON #8	3500	LOC-INJ	Injector Location	1398.14	TBD	TBD	25S	37E	26	2360 FNL 212 FWL
30025276830000	ANTWEIL MORRIS R	UNION FEDERAL 1	3375	PLUGOIL	PLUGGED	1509.23	12/5/1981	3/22/1982	25S	37E	27	330 FEL 1980 FNL
30025269500000	FAE II Operating LLC	TERRA CARLSON FEDERAL 1	3452	OIL	[37240] LANGUIE MATTIX; 7 RVRS-Q-GRAVBURG	1602.75	7/31/1980	8/22/1980	25S	37E	26	2310 FWL 330 FNL
30025117020000	PERMAN RESOURCES INC	HARRISON #1	3347	PLUGOIL	PLUGGED	1611.98	2/2/1938	3/10/1938	25S	37E	23	330 FNL 360 FWL
30025117910000	MAMMOTH EXPLORATION, LLC	HENRY 1	3330	OIL	[37240] LANGUIE MATTIX; 7 RVRS-Q-GRAVBURG	1788.71	5/27/1938	8/13/1938	25S	37E	26	660 FWL 2310 FSL
30025118070000	AMERICAN EXPLORATION COMPANY	ALSTON #3	3345	PLUGOIL	PLUGGED	2097.03	3/24/1938	4/17/1938	25S	37E	27	990 FEL 330 FNL
30025117070000	FAE II Operating LLC	CARLSON FEDERAL 2	3314	GAS	[37240] LANGUIE MATTIX; 7 RVRS-Q-GRAVBURG ; [79240] JALMAT; TAN-VATES- 7 RVRS (GAS)	2101.23	9/27/1955	12/8/1955	25S	37E	23	1980 FWL 660 FSL
30025.1N1 LOC5	FAE II Operating LLC	Harrison Federal 23 #2	3400	LOC	Location	2119.48	TBD	TBD	25S	37E	23	940 FSL 1116 FWL
30025118090000	FAE II Operating LLC	CARLSON B 27 #2	3307	OIL	[37240] LANGUIE MATTIX; 7 RVRS-Q-GRAVBURG	2207.14	11/9/1938	12/9/1938	25S	37E	27	330 FEL 2310 FSL
25229610000	LEGACY RESERVES OPERATING, LP	EL PASO FEDERAL #2	7415	TA	[34220] JUSTIS-BLINEBRY-TUBB-DRINKARD	2279.66	1/11/1969	3/17/1969	25S	37E	23	2310 FWL 660 FS
15227890000	FAE II Operating LLC	HENRY 4	7795	OIL	[37240] LANGUIE MATTIX; 7 RVRS-Q-GRAVBURG	2373	10/8/1968	11/23/1968	25S	37E	26	1980 FWL 1980 FS
5.1N1 LOC2	FAE II Operating LLC	CARLSON A #6	3500	LOC	Location	2394.56	TBD	TBD	25S	37E	22	335 FEL 835 FSL
15116970000	FAE II Operating LLC	CARLSON A #1	3327	OIL	[37240] LANGUIE MATTIX; 7 RVRS-Q-GRAVBURG	2435.87	9/30/1938	11/2/1938	25S	37E	22	957 FEL 330 FSL
5.1N1 LOC11	FAE II Operating LLC	HENRY #5	3500	LOC-INJ	Injector Location	2506.74	TBD	TBD	25S	37E	26	1709 FSL 212 FW
5.1N1 LOC10	FAE II Operating LLC	HENRY #6	3400	LOC-INJ	Injector Location	2571.57	TBD	TBD	25S	37E	26	1562 FSL 1321 FW
15.1N1 LOC5	FAE II Operating LLC	CARLSON A #5	3500	LOC-INJ	Injector Location	2620.78	TBD	TBD	25S	37E	23	330 FWL 1365 FS

Exhibit B8

ALSTON #8

1/2 Mile Radius

UWI/API	OPERATOR	WELL LABEL	ID	WELL TYPE	CURRENT ZONE	Distance from Alston 8(Feet)	SPUD DATE	COMP DATE	TOWNSHIP	RANGE	SECTION	FOOTAGE
30025 INJ LOC9	FAE II Operating LLC	ALSTON #8	3500	LOC-INJ	Injector Location	0	TBD	TBD	255	37E	26	2360 FNL 212 FWL
30025276830000	ANTWEL MORRIS R	UNION FEDERAL 1	3375	PLUGOIL	PLUGGED	644.12	12/26/1981	3/22/1982	255	37E	27	330 FEL 1980 FNL
30025117990000	AMERICAN EXPLORATION COMPANY	ALSTON 2	3342	PLUGOIL	PLUGGED	713.24	2/11/1938	3/15/1938	255	37E	26	330 FWL 1650 FNL
30025118090000	FAE II Operating LLC	CARLSON B 27 #2	3307	OIL	[37240] LANGUE MATTX; 7 RVRS-Q-GRAYBURG	814.45	11/9/1938	12/9/1938	255	37E	27	330 FEL 2310 FSL
30025118040000	ANDERSON-PRICHARD OIL CORP	HARRISON 4	3349	DHSO&G	PLUGGED	872.17	10/8/1938	1/4/1939	255	37E	27	330 FEL 1650 FNL
30025117910000	MAMMOTH EXPLORATION, LLC	HENRY 1	3330	OIL	[37240] LANGUE MATTX; 7 RVRS-Q-GRAYBURG	994.08	5/27/1938	8/13/1938	255	37E	26	660 FWL 2310 FSL
30025 INJ LOC11	FAE II Operating LLC	HENRY #5	3500	LOC-INJ	Injector Location	1211.24	TBD	TBD	255	37E	26	1709 FSL 212 FWL
30025 INJ LOC7	FAE II Operating LLC	ALSTON #7	3500	LOC-INJ	Injector Location	1398.14	TBD	TBD	255	37E	26	1174 FNL 960 FWL
30025118010000	AMERICAN EXPLORATION COMPANY	ALSTON 4	3341	PLUGOIL	PLUGGED	1454.72	4/26/1938	6/13/1938	255	37E	26	2311 FNL 1665 FWL
30025 INJ LOC13	FAE II Operating LLC	ALSTON #5	3500	LOC-INJ	Injector Location	1506.79	TBD	TBD	255	37E	27	962 FNL 336 FEL
30025 INJ LOC10	FAE II Operating LLC	HENRY #6	3400	LOC-INJ	Injector Location	1758.78	TBD	TBD	255	37E	26	1562 FSL 1321 FWL
30025117890000	ITALO PETROLEUM CORPORATION	CARLSON B-26 1	3341	PLUGOIL	PLUGGED	1987.86	3/26/1939	4/25/1939	255	37E	26	1650 FWL 990 FNL
30025 SJU LOC4	FAE II Operating LLC	CARLSON FEDERAL B 27 #3	3500	LOC	Location	2015.79	TBD	TBD	255	37E	27	994 FSL 342 FEL
30025227880000	FAE II Operating LLC	HENRY 4	7795	OIL	[37240] LANGUE MATTX; 7 RVRS-Q-GRAYBURG	2018.91	10/8/1968	11/23/1968	255	37E	26	1980 FWL 1980 FSL
30025117860000	AMERICAN EXPLORATION COMPANY	ALSTON 1	3365	PLUGOIL	PLUGGED	2021.88	11/9/1937	1/14/1938	255	37E	26	330 FWL 330 FNL
30025 SJU LOC3	FAE II Operating LLC	HENRY #7	3400	LOC	Location	2068.73	TBD	TBD	255	37E	26	960 FSL 862 FWL
25118070000	AMERICAN EXPLORATION COMPANY	ALSTON #3	3345	PLUGOIL	PLUGGED	2336.16	3/24/1938	4/17/1938	255	37E	27	990 FEL 330 FNL
25118030000	JEFFERS OIL COMPANY	CARLSON 1	3652	DHSO&G	PLUGGED	2378.63	4/25/1935	9/16/1935	255	37E	27	1980 FEL 1980 FS
25 INJ LOC8	FAE II Operating LLC	ALSTON #6	3500	LOC-INJ	Injector Location	2431.08	TBD	TBD	255	37E	26	137 FNL 1210 FWL
25117880000	MAMMOTH EXPLORATION, LLC	HENRY 3	3325	OIL	[37240] LANGUE MATTX; 7 RVRS-Q-GRAYBURG	2602.83	2/10/1939	4/9/1939	255	37E	26	342 FWL 336 FEL

Exhibit B9

CARLSON A #4

UWI/API	OPERATOR	WELL LABEL	TD	WELL TYPE	CURRENT ZONE	Distance from Carlson A 4 (Feet)	SPUD DATE	COMP DATE	TOWNSHIP	RANGE	SECTION	FOOTAGE
30025 INJ LOCC3	FAE II Operating LLC	CARLSON A #4	3500	LOC-INJ	Injector Location	0	TBD	TBD	255	37E	22	2325 FEL 255 FSL
30025118080000	HAMILTON DOME OIL COMPANY	CARLSON-FEDERAL B 1	3364	PLUGOIL	PLUGGED	929.13	11/14/1938	1/31/1939	255	37E	27	1650 FEL 330 FNL
30025724900000	ENDEAVOR ENERGY RESOURCES, LP	TERRA FEDERAL #2	3470	GAS	[79240] JALMATI-TAN-YATES-7 R/VS (GAS)	929.42	6/7/1981	4/6/1982	255	37E	22	2310 FWL 990 FSL
30025116960000	FAE II Operating LLC	CARLSON A #2	3354	OIL	[37240] LANGLIE MATTIK;7 R/VS-Q-GRAVBURG	1006.92	10/2/1938	11/18/1938	255	37E	22	1650 FEL 990 FSL
30025 INJ LOCC2	FAE II Operating LLC	Harrison Federal #5	3500	LOC-INJ	Injector Location	1161.32	TBD	TBD	255	37E	22	2375 FEL 1415 FSL
30025116970000	FAE II Operating LLC	CARLSON A #1	3327	OIL	[37240] LANGLIE MATTIK;7 R/VS-Q-GRAVBURG	1366.15	9/30/1938	11/2/1938	255	37E	22	957 FEL 330 FNL
30025295240000	CIMAREX ENERGY CO. OF COLORADO	CARLSON HARRISON FEDERAL COM #5	3550	PLUGGAS	PLUGGED	1406.37	11/18/1985	12/30/1985	255	37E	27	1650 FWL 330 FNL
30025118070000	AMERICAN EXPLORATION COMPANY	ALSTON #3	3345	PLUGOIL	PLUGGED	1491.41	3/24/1938	4/17/1938	255	37E	27	990 FEL 660 FSL
30025116990000	FAE II Operating LLC	Harrison Federal #3	3403	OIL	[37240] LANGLIE MATTIK;7 R/VS-Q-GRAVBURG	1550.65	8/15/1938	9/11/1938	255	37E	22	1650 FEL 1650 FSL
30025 INJ LOCC4	FAE II Operating LLC	Harrison Federal #6	3500	LOC-INJ	Injector Location	1760.63	TBD	TBD	255	37E	22	950 FEL 1355 FSL
30025724500000	ENDEAVOR ENERGY RESOURCES, LP	TERRA FEDERAL #1	3470	PLUGOIL	PLUGGED	1800.41	2/13/1981	5/1/1981	255	37E	22	2310 FWL 1980 FSL
30025 SIU LOCC2	FAE II Operating LLC	CARLSON A #6	3500	LOC	Location	2072.4	TBD	TBD	255	37E	22	335 FEL 835 FSL
30025116910000	ANDERSON-PRICHARD OIL CORP	INDIAN-FEDERAL 1	3007	JNK	PLUGGED	2282.39	12/1/1951	5/25/1952	255	37E	22	660 FWL 660 FSL
30025 INJ LOCC3	FAE II Operating LLC	ALSTON #5	3500	LOC-INJ	Injector Location	2329.59	TBD	TBD	255	37E	27	962 FNL 336 FEL
30025118100000	CIMAREX ENERGY CO. OF COLORADO	CARLSON HARRISON FEDERAL COM 2	3542	PLUGGAS	PLUGGED	2447.47	12/28/1955	6/8/1956	255	37E	27	650 FWL 660 FNL
30025116900000	FAE II Operating LLC	Harrison Federal #002	3366	SWD	[37240] LANGLIE MATTIK;7 R/VS-Q-GRAVBURG; [96117] SWD-QUEEN	2457.87	7/6/1938	7/29/1938	255	37E	22	990 FEL 2310 FSL
30025330000000	BXP Operating, LLC	LANGLIE MATTIK QUEEN UNIT #32	3620	INJECT	[37240] LANGLIE MATTIK;7 R/VS-Q-GRAVBURG	2495.07	10/10/1969	11/18/1969	255	37E	22	2600 FEL 2530 FNL
5 SIU LOCC1	FAE II Operating LLC	Harrison Federal #7	3500	LOC	Location	2543.55	TBD	TBD	255	37E	22	300 FEL 1295 FSL
152935800000	FAE II Operating LLC	CARLSON HARRISON FEDERAL COM 4	3625	GAS	[37240] LANGLIE MATTIK;7 R/VS-Q-GRAVBURG; [79240] JALMATI-TAN-YATES-7 R/VS (GAS)	2628.1	8/14/1985	9/13/1985	255	37E	22	660 FWL 1650 FSL

Exhibit B10

CARLSON A #5

1/2 Mile Radius

UWI/API	OPERATOR	WELL LABEL	ID	WELL TYPE	CURRENT ZONE	Distance from Carlson A 5 (feet)	SPUD DATE	COMP DATE	TOWNSHIP	RANGE	SECTION	FOOTAGE
30025.117050000	FAE II Operating LLC	CARLSON A #5	3500	LOC-NU	Injector Location	0	TBD	TBD	255	37E	23	330 FWL 1365 FSL
30025.117050000	FAE II Operating LLC	Harrison Federal #7	3500	LOC	Location	754.97	TBD	TBD	255	37E	22	300 FEL 1795 FSL
30025.117050000	FAE II Operating LLC	CARLSON A #6	3500	LOC	Location	842.44	TBD	TBD	255	37E	22	335 FEL 835 FSL
30025.117050000	FAE II Operating LLC	Harrison Federal 23 #2	3400	LOC	Location	902.95	TBD	TBD	255	37E	23	940 FSL 1116 FWL
30025.117050000	FAE II Operating LLC	CARLSON A #3	3345	PLUGOIL	PLUGGED	935.2	12/13/1938	1/15/1939	255	37E	23	330 FWL 2310 FSL
30025.117050000	FAE II Operating LLC	HARRISON #1	3347	PLUGOIL	PLUGGED	1046.11	2/2/1938	3/10/1938	255	37E	23	330 FSL 360 FWL
30025.117050000	FAE II Operating LLC	Harrison Federal #6	3500	LOC-NU	Injector Location	1270.02	TBD	TBD	255	37E	22	950 FEL 1355 FSL
30025.117050000	FAE II Operating LLC	Harrison Federal #002	3366	SWD	[37240] LANGUE MATTX; 7 RVRS-Q-GRAYBURG; [96117] SWD-QUEEN	1577.17	7/6/1938	7/29/1938	255	37E	22	990 FEL 2310 FSL
30025.117050000	FAE II Operating LLC	LANGUE MATTX QUEEN UNIT #35	3360	PLUGNU	PLUGGED	1600.56	4/18/1939	5/9/1939	255	37E	23	330 FWL 2310 FNL
30025.117050000	FAE II Operating LLC	CARLSON A #1	3327	OIL	[37240] LANGUE MATTX; 7 RVRS-Q-GRAYBURG	1654.72	9/30/1938	11/2/1938	255	37E	22	957 FEL 330 FSL
30025.117050000	FAE II Operating LLC	ALSTON 1	3365	PLUGOIL	PLUGGED	1707.85	11/9/1937	1/14/1938	255	37E	26	330 FWL 330 FNL
30025.117050000	FAE II Operating LLC	ALSTON #6	3500	LOC-NU	Injector Location	1747.27	TBD	TBD	255	37E	26	137 FNL 1210 FWL
30025.117050000	FAE II Operating LLC	HARRISON-CARLSON 5	5021	DHSO	PLUGGED	1798.81	5/7/1943	7/31/1943	255	37E	23	1980 FWL 1980 FSL
30025.117050000	FAE II Operating LLC	CARLSON FEDERAL 2	3314	GAS	[37240] LANGUE MATTX; 7 RVRS-Q-GRAYBURG; [79240] LALMAT-TAN-YATES-7 RVRS (GAS)	1838.89	9/27/1955	12/8/1955	255	37E	23	1980 FWL 660 FSL
30025.116990000	FAE II Operating LLC	Harrison Federal #3	3403	OIL	[37240] LANGUE MATTX; 7 RVRS-Q-GRAYBURG	1951.69	8/15/1938	9/11/1938	255	37E	22	1650 FEL 1650 FSL
30025.116990000	FAE II Operating LLC	CARLSON A #2	3354	OIL	[37240] LANGUE MATTX; 7 RVRS-Q-GRAYBURG	1975.98	10/2/1938	11/18/1938	255	37E	22	1650 FEL 990 FSL
30025.116990000	FAE II Operating LLC	AMERICAN EXPLORATION COMPANY	3345	PLUGOIL	PLUGGED	2136.73	3/24/1938	4/17/1938	255	37E	27	990 FEL 330 FNL
5118070000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT WSW #3	4500	TA	[96221] WSW-SAN ANDRES	2139.34	12/9/1993	11/1/1994	255	37E	23	1700 FWL 2310 FSL
5229610000	LEGACY RESERVES OPERATING, LP	EL PASO FEDERAL #2	7415	TA	[34220] JUSTIS-BLINEBRY-TUBB-DRINKARD	2146.15	1/11/1969	3/17/1969	255	37E	23	2310 FWL 660 FSL
5254740000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #21	6200	OIL	[34220] JUSTIS-BLINEBRY-TUBB-DRINKARD	2230.65	4/4/1977	8/22/1977	255	37E	23	2310 FWL 2310 FSL
5221550000	FAE II Operating LLC	ALSTON #5	3500	LOC-NU	Injector Location	2418.43	TBD	TBD	255	37E	27	962 FNL 330 FSL
5221550000	PRIZE OPERATING COMPANY	LANGUE MATTX QUEEN UNIT #33	3344	PLUGOIL	PLUGGED	2504.51	6/15/1967	5/12/1968	255	37E	22	1650 FEL 2310 FSL
5117160000	LEGACY RESERVES OPERATING, LP	WIMBERLY WN #1	4294	PLUGOIL	PLUGGED	2574.02	2/1/1943	3/29/1943	255	37E	23	1980 FWL 1980 FSL
5118080000	HAMILTON DOME OIL COMPANY	CARLSON FEDERAL B 1	3364	PLUGOIL	PLUGGED	2588.73	11/4/1938	1/31/1939	255	37E	27	1650 FEL 330 FNL
5116890000	BXP Operating, LLC	LANGUE MATTX QUEEN UNIT #34	3380	OIL	[37240] LANGUE MATTX; 7 RVRS-Q-GRAYBURG	2589.57	2/16/1939	3/17/1939	255	37E	22	990 FEL 1650 FNL
5 INI LOC7	FAE II Operating LLC	ALSTON #7	3500	LOC-NU	Injector Location	2620.78	TBD	TBD	255	37E	26	1174 FNL 960 FNL

Exhibit B11

HARRISON FEDERAL #5

1/2 Mile Radius

UWI/API	OPERATOR	WELL LABEL	TD	WELL TYPE	CURRENT ZONE	Distance from Harrison Federal #5 (feet)	SPUD DATE	COMP DATE	TOWNSHIP	RANGE	SECTION	FOOTAGE
30025116990000	FAE II Operating LLC	Harrison Federal #5	3500	LOC-INJ	Injector Location	0	TBD	TBD	255	37E	22	2375 FEL 1415 FSL
300252724950000	ENDEAVOR ENERGY RESOURCES, LP	TERRA FEDERAL #2	3470	GAS	[79240] JALMAT:JAN-VATES-7 RVR5 (GAS)	712.75	6/7/1981	4/6/1982	255	37E	22	2310 FWL 990 FSL
300252724950000	ENDEAVOR ENERGY RESOURCES, LP	TERRA FEDERAL #1	3470	PLUGOIL	PLUGGED	767.91	2/13/1981	5/1/1981	255	37E	22	2310 FWL 1980 FSL
300251169900000	FAE II Operating LLC	Harrison Federal #3	3403	OIL	[37240] LANGLIE MATTX:7 RVR5-Q-GRAVBURG	792.19	8/15/1998	9/11/1998	255	37E	22	1650 FEL 1650 FSL
300251169600000	FAE II Operating LLC	CARLSON A #2	3354	OIL	[37240] LANGLIE MATTX:7 RVR5-Q-GRAVBURG	879.27	10/2/1998	11/18/1998	255	37E	22	1650 FEL 990 FSL
30025 INJ LOC3	FAE II Operating LLC	CARLSON A #4	3500	LOC-INJ	Injector Location	1161.32	TBD	TBD	255	37E	22	2325 FEL 255 FSL
300252330000000	BXP Operating, LLC	LANGLIE MATTX QUEEN UNIT #32	3620	INJECT	[37240] LANGLIE MATTX:7 RVR5-Q-GRAVBURG	1336.62	10/10/1969	11/18/1969	255	37E	22	2600 FEL 2530 FSL
30025 INJ LOC4	FAE II Operating LLC	Harrison Federal #6	3500	LOC-INJ	Injector Location	1426.19	TBD	TBD	255	37E	22	950 FEL 1355 FSL
300251169900000	FAE II Operating LLC	Harrison Federal #002	3366	SWD	[37240] LANGLIE MATTX:7 RVR5-Q-GRAVBURG ; [96117] SWD:QUEEN	1671.54	7/6/1998	7/29/1998	255	37E	22	990 FEL 2310 FSL
300252215500000	PRIZE OPERATING COMPANY	LANGLIE MATTX QUEEN UNIT #33	3344	PLUGOIL	PLUGGED	1724.44	6/15/1967	5/12/1968	255	37E	22	1650 FEL 2310 FNI
300251169700000	FAE II Operating LLC	CARLSON A #1	3327	OIL	[37240] LANGLIE MATTX:7 RVR5-Q-GRAVBURG	1792	9/30/1998	11/2/1998	255	37E	22	957 FEL 330 FSL
300251180800000	HAMILTON DOME OIL COMPANY	CARLSON-FEDERAL B 1	3364	PLUGOIL	PLUGGED	1920.08	11/4/1998	1/31/1999	255	37E	27	1650 FEL 330 FNI
3002528420000	HERMAN L. LOEB LLC	MOBIL #1	3450	PLUGGAS	PLUGGED	1990.96	3/9/1978	5/3/1978	255	37E	22	2180 FWL 1980 FNI
3 SUJ LOC1	FAE II Operating LLC	Harrison Federal #7	3500	LOC	Location	2109.1	TBD	TBD	255	37E	22	300 FEL 1795 FSL
3 SUJ LOC2	FAE II Operating LLC	CARLSON A #6	3500	LOC	Location	2120.87	TBD	TBD	255	37E	22	335 FEL 835 FS
:295240000	CIMAREX ENERGY CO. OF COLORADO	CARLSON HARRISON FEDERAL COM #5	3550	PLUGGAS	PLUGGED	2151.34	11/18/1985	12/30/1985	255	37E	27	1650 FWL 330 FNI
:293580000	FAE II Operating LLC	CARLSON HARRISON FEDERAL COM 4	3625	GAS	[37240] LANGLIE MATTX:7 RVR5-Q-GRAVBURG ; [79240] JALMAT:JAN-VATES-7 RVR5 (GAS)	2207.69	8/14/1985	9/13/1985	255	37E	22	660 FWL 1650 FSL
:118070000	AMERICAN EXPLORATION COMPANY	ALSTON #3	3345	PLUGOIL	PLUGGED	2259.38	3/24/1998	4/17/1998	255	37E	27	990 FEL 330 FNI
:116920000	CIMAREX ENERGY CO. OF COLORADO	CARLSON HARRISON FEDERAL COM 1	3074	PLUGGAS	PLUGGED	2261.75	7/23/1955	9/6/1955	255	37E	22	660 FWL 1980 FSL
:116880000	LINN OPERATING, LLC.	LANGLIE MATTX QUEEN UNIT #40	3345	PLUGOIL	PLUGGED	2337.45	4/5/1998	5/9/1998	255	37E	22	1650 FEL 1650 FSL
:116910000	ANDERSON-PRICHARD OIL CORP	INDIAN-FEDERAL 1	3007	JNK	PLUGGED	2339.28	12/1/1951	5/25/1952	255	37E	22	660 FWL 660 FSL
:351980000	FAE II Operating LLC	AIRPORT 2	3400	GAS	[79240] JALMAT:JAN-VATES-7 RVR5 (GAS)	2619.49	1/11/2001	4/29/2001	255	37E	22	990 FWL 2010 FNI
:116990000	BXP Operating, LLC	LANGLIE MATTX QUEEN UNIT #34	3380	OIL	[37240] LANGLIE MATTX:7 RVR5-Q-GRAVBURG	2629	2/16/1999	3/17/1999	255	37E	22	990 FEL 1650 FNI

Exhibit B12

HARRISON FEDERAL #6

1/2 Mile Radius

UWI/API	OPERATOR	WELL LABEL	ID	WELL TYPE	CURRENT ZONE	Distance from Harrison Federal #6 (feet)	SPUD DATE	COMP DATE	TOWNSHIP	RANGE	SECTION	FOOTAGE
30025 INJ LOC4	FAE II Operating LLC	Harrison Federal #6	3500	LOC-INJ	Injector Location	0	TBD	TBD	255	37E	22	950 FEL 1355 FSL
3002516990000	FAE II Operating LLC	Harrison Federal #3	3403	OIL	[37240] LANGUE MATTIK; 7 RVRS-Q-GRAVBURG	719	8/15/1938	9/11/1938	255	37E	22	1650 FEL 1650 FSL
3002516960000	FAE II Operating LLC	CARLSON A #2	3354	OIL	[37240] LANGUE MATTIK; 7 RVRS-Q-GRAVBURG	769.26	10/2/1938	11/18/1938	255	37E	22	1650 FEL 990 FSL
30025 SIU LOC1	FAE II Operating LLC	Harrison Federal #7	3500	LOC	Location	784.64	TBD	TBD	255	37E	22	300 FEL 1795 FSL
30025 SIU LOC2	FAE II Operating LLC	CARLSON A #6	3500	LOC	Location	805.51	TBD	TBD	255	37E	22	335 FEL 835 FSL
3002516900000	FAE II Operating LLC	Harrison Federal #002	3366	SWD	[37240] LANGUE MATTIK; 7 RVRS-Q-GRAVBURG; [96117] SWD-QUEEN	939.87	7/6/1938	7/29/1938	255	37E	22	990 FEL 2310 FSL
3002516970000	FAE II Operating LLC	CARLSON A #1	3327	OIL	[37240] LANGUE MATTIK; 7 RVRS-Q-GRAVBURG	1039.36	9/30/1938	11/2/1938	255	37E	22	957 FEL 330 FSL
30025 INJ LOC5	FAE II Operating LLC	CARLSON A #5	3500	LOC-INJ	Injector Location	1270.02	TBD	TBD	255	37E	23	330 FWL 1365 FSL
30025 INJ LOC2	FAE II Operating LLC	Harrison Federal #5	3500	LOC-INJ	Injector Location	1426.19	TBD	TBD	255	37E	22	2375 FEL 1415 FSL
30025117090000	SANTA FE ENERGY RESOURCES INCORPORATED	CARLSON A #3	3345	PLUGOIL	PLUGGED	1621.41	12/13/1938	1/15/1939	255	37E	23	330 FWL 2310 FSL
5117020000	PERMIAN RESOURCES INC	HARRISON #1	3347	PLUGOIL	PLUGGED	1671.89	2/2/1938	3/10/1938	255	37E	23	330 FSL 360 FV
5118070000	AMERICAN EXPLORATION COMPANY	ALSTON #3	3345	PLUGOIL	PLUGGED	1701.49	3/24/1938	4/17/1938	255	37E	27	990 FEL 330 FN
5221550000	PRIZE OPERATING COMPANY	LANGUE MATTIK QUEEN UNIT #33	3344	PLUGOIL	PLUGGED	1736.04	6/15/1967	5/12/1968	255	37E	22	1650 FEL 2310 FV
5 INJ LOC3	FAE II Operating LLC	CARLSON A #4	3500	LOC-INJ	Injector Location	1760.63	TBD	TBD	255	37E	22	2325 FEL 255 FV
5118080000	HAMILTON DOME OIL COMPANY	CARLSON-FEDERAL B 1	3364	PLUGOIL	PLUGGED	1831.8	11/4/1938	1/31/1939	255	37E	27	1650 FEL 330 FN
5274490000	ENDEAVOR ENERGY RESOURCES, LP	TERRA FEDERAL #2	3470	GAS	[79240] JALMATAIAN-YATES 7 RVRS (GAS)	2014.64	6/7/1981	4/6/1982	255	37E	22	2310 FWL 990 F
5272450000	ENDEAVOR ENERGY RESOURCES, LP	TERRA FEDERAL #1	3470	PLUGOIL	PLUGGED	2061.66	2/13/1981	5/1/1981	255	37E	22	2310 FWL 1980 F
5117050000	LINN OPERATING, LLC	LANGUE MATTIK QUEEN UNIT #35	3360	PLUGOIL	PLUGGED	2082.49	4/18/1939	5/9/1939	255	37E	23	330 FWL 2310 FV
5 SIU LOC5	FAE II Operating LLC	Harrison Federal 23 #2	3400	LOC	Location	2107.8	TBD	TBD	255	37E	23	940 FSL 1116 FV
5233000000	BXP Operating, LLC	LANGUE MATTIK QUEEN UNIT #32	3620	INJECT	[37240] LANGUE MATTIK; 7 RVRS-Q-GRAVBURG	2123.49	10/10/1969	11/18/1969	255	37E	22	2600 FEL 2530 FV
5117800000	AMERICAN EXPLORATION COMPANY	ALSTON 1	3365	PLUGOIL	PLUGGED	2144.09	11/9/1937	1/14/1938	255	37E	26	330 FWL 330 FN
5116890000	BXP Operating, LLC	LANGUE MATTIK QUEEN UNIT #34	3380	OIL	[37240] LANGUE MATTIK; 7 RVRS-Q-GRAVBURG	2267.81	2/16/1939	3/17/1939	255	37E	22	990 FEL 1650 FN
5116880000	LINN OPERATING, LLC	LANGUE MATTIK QUEEN UNIT #40	3345	PLUGOIL	PLUGGED	2361.05	4/5/1938	5/3/1938	255	37E	22	1650 FEL 1650 FV
5 INJ LOC3	FAE II Operating LLC	ALSTON #5	3500	LOC-INJ	Injector Location	2396.82	TBD	TBD	255	37E	27	962 FWL 336 FV
5 INJ LOC8	FAE II Operating LLC	ALSTON #6	3500	LOC-INJ	Injector Location	2626.91	TBD	TBD	255	37E	26	137 FWL 1210 FV

Exhibit B13

HENRY #5

UWI/API	OPERATOR	WELL LABEL	TD	WELL TYPE	CURRENT ZONE	Distance from Henry 5 (feet)	SPUD DATE	COMP DATE	TOWNSHIP	RANGE	SECTION	FOOTAGE
30025 INJ LOC11	FAE II Operating LLC	HENRY #5	3500	LOC-INJ	Injector Location	0	TBD	TBD	255	37E	26	1709 FSL 212 FWL
30025118090000	FAE II Operating LLC	CARLSON B 27 #2	3307	OIL	[37240] LANGLIE MATTX;7 RVRS-Q-GRAYBURG	796.2	11/9/1938	12/9/1938	255	37E	27	330 FEL 2310 FSL
30025 SIU LOC4	FAE II Operating LLC	CARLSON FEDERAL B 27 #3	3500	LOC	Location	933.49	TBD	TBD	255	37E	27	994 FSL 342 FEL
30025117910000	MAMMOTH EXPLORATION, LLC	HENRY 1	3330	OIL	[37240] LANGLIE MATTX;7 RVRS-Q-GRAYBURG	992.52	5/27/1938	8/13/1938	255	37E	26	650 FWL 2310 FSL
30025 SIU LOC3	FAE II Operating LLC	HENRY #7	3400	LOC	Location	994.7	TBD	TBD	255	37E	26	960 FSL 862 FWL
30025 INJ LOC10	FAE II Operating LLC	HENRY #6	3400	LOC-INJ	Injector Location	1120.11	TBD	TBD	255	37E	26	1562 FSL 1321 FWL
30025 INJ LOC9	FAE II Operating LLC	ALSTON #8	3500	LOC-INJ	Injector Location	1211.24	TBD	TBD	255	37E	26	2360 FNL 212 FWL
30025117880000	MAMMOTH EXPLORATION, LLC	HENRY 3	3325	OIL	[37240] LANGLIE MATTX;7 RVRS-Q-GRAYBURG	1393.97	2/10/1939	4/9/1939	255	37E	26	342 FWL 336 FSL
30025276830000	ANTWELL MORRIS R	UNION FEDERAL 1	3375	PLUGOIL	PLUGGED	1668.15	12/26/1981	3/22/1982	255	37E	27	330 FEL 1980 FNL
3002527880000	FAE II Operating LLC	HENRY 4	7795	OIL	[37240] LANGLIE MATTX;7 RVRS-Q-GRAYBURG	1796.23	10/8/1968	11/23/1968	255	37E	26	1980 FWL 1980 FSL
30025 INJ LOC12	FAE II Operating LLC	HENRY #8	3400	LOC-INJ	Injector Location	1804.06	TBD	TBD	255	37E	26	507 FSL 1555 FWL
30025117870000	RICE OPERATING COMPANY	JUSTIS SWD #26	4800	SWD	[96121] SWD;SAN ANDRES	1829.73	12/8/1938	1/27/1939	255	37E	26	1650 FWL 330 FSL
30025118010000	AMERICAN EXPLORATION COMPANY	ALSTON 4	3341	PLUGOIL	PLUGGED	1910.53	4/26/1938	6/13/1938	255	37E	26	2311 FNL 1665 FWL
30025117990000	AMERICAN EXPLORATION COMPANY	ALSTON 2	3342	PLUGOIL	PLUGGED	1915.93	2/11/1938	3/15/1938	255	37E	26	330 FWL 1650 FNL
30025118040000	ANDERSON-PRICHARD OIL CORP	HARRISON 4	3349	DHSO&G	PLUGGED	1980.32	10/8/1938	1/4/1939	255	37E	27	330 FEL 1650 FNL
5118940000	CARR WELL SERVICE INCORPORATED	G W DABBS 2	3330	PLUGOIL	PLUGGED	2181.92	9/24/1938	11/23/1938	255	37E	35	990 FWL 330 FNL
5118030000	JEFFERS OIL COMPANY	CARLSON 1	3652	DHSO&G	PLUGGED	2199.35	4/25/1935	9/16/1935	255	37E	27	1980 FEL 1980 FS
5 INJ LOC7	FAE II Operating LLC	ALSTON #7	3500	LOC-INJ	Injector Location	2506.74	TBD	TBD	255	37E	26	1174 FNL 960 FWL

Exhibit B14

HENRY #6

UWI/API	OPERATOR	WELL LABEL	ID	WELL TYPE	CURRENT ZONE	Distance from Henry 6 (feet)	SPUD DATE	COMP DATE	TOWNSHIP	RANGE	SECTION	FOOTAGE
30025 INJ LOC10	FAE II Operating LLC	HENRY #6	3400	LOC-INJ	Injector Location	0	TBD	TBD	255	37E	26	1562 FSL 1321 FWL
30025 SIU LOC3	FAE II Operating LLC	HENRY #7	3400	LOC	Location	754.87	TBD	TBD	255	37E	26	960 FSL 862 FWL
30025277880000	FAE II Operating LLC	HENRY 4	7795	OIL	[37240] LANGLE MATTX;7 R/RS-Q-GRAYBURG	783.33	10/8/1968	11/23/1968	255	37E	26	1980 FWL 1980 FSL
30025117910000	MAMMOTH EXPLORATION, LLC	HENRY 1	3330	OIL	[37240] LANGLE MATTX;7 R/RS-Q-GRAYBURG	823.4	5/27/1938	8/13/1938	255	37E	26	660 FWL 2310 FSL
30025 INJ LOC12	FAE II Operating LLC	HENRY #8	3400	LOC-INJ	Injector Location	1079.29	TBD	TBD	255	37E	26	507 FSL 1555 FWL
30025 INJ LOC11	FAE II Operating LLC	HENRY #5	3500	LOC-INJ	Injector Location	1120.11	TBD	TBD	255	37E	26	1709 FSL 212 FWL
30025117870000	RICE OPERATING COMPANY	JUSTIS SWD #26	4800	SWD	[96121] SWD;SAN ANDRES	1219.16	12/8/1938	1/27/1939	255	37E	26	1650 FWL 330 FSL
30025118010000	AMERICAN EXPLORATION COMPANY	ALSTON 4	3341	PLUGOIL	PLUGGED	1434.28	4/26/1938	6/13/1938	255	37E	26	2311 FNL 1665 FWL
30025117880000	MAMMOTH EXPLORATION, LLC	HENRY 3	3325	OIL	[37240] LANGLE MATTX;7 R/RS-Q-GRAYBURG	1583.32	2/10/1939	4/9/1939	255	37E	26	342 FWL 336 FSL
30025117950000	PERMAN RESOURCES INC	CARLSON B 26 #3	3329	PLUGGAS	PLUGGED	1687.58	1/12/1956	2/1/1956	255	37E	26	2310 FEL 1650 FSL
30025 INJ LOC9	FAE II Operating LLC	ALSTON #8	3500	LOC-INJ	Injector Location	1758.78	TBD	TBD	255	37E	26	2360 FNL 212 FWL
30025 SIU LOC4	FAE II Operating LLC	CARLSON FEDERAL B 27 #3	3500	LOC	Location	1802.02	TBD	TBD	255	37E	27	994 FSL 342 FEL
30025118090000	FAE II Operating LLC	CARLSON B 27 #2	3307	OIL	[37240] LANGLE MATTX;7 R/RS-Q-GRAYBURG	1802.35	11/9/1938	12/9/1938	255	37E	27	330 FEL 2310 FSL
30025118940000	CARR WELL SERVICE INCORPORATED	G W DABBS 2	3330	PLUGOIL	PLUGGED	1914.73	9/24/1938	11/23/1938	255	37E	35	990 FWL 330 FNL
30025118930000	CARR WELL SERVICE INCORPORATED	G W DABBS 1	3331	PLUGOIL	PLUGGED	2142.01	4/30/1938	8/18/1938	255	37E	35	2310 FWL 330 FNL
30025117990000	AMERICAN EXPLORATION COMPANY	ALSTON 2	3342	PLUGOIL	PLUGGED	2281.36	2/11/1938	3/15/1938	255	37E	26	330 FWL 1650 FNL
30025276830000	ANTWEL MORRIS R	UNION FEDERAL 1	3375	PLUGOIL	PLUGGED	2385.41	12/26/1981	3/22/1982	255	37E	27	330 FEL 1980 FNL
25271920000	FAE II Operating LLC	TERRA CARLSON B FEDERAL 1	3375	GAS	[37240] LANGLE MATTX;7 R/RS-Q-GRAYBURG	2414.52	12/16/1980	1/4/1981	255	37E	26	1650 FEL 990 FSL
25118020000	WESTATES PETROLEUM COMPANY	CARLSON-FEDERAL B-26 7	6050	PLUGOIL	PLUGGED	2462.87	8/6/1960	9/28/1960	255	37E	26	1650 FEL 2310 F5
15 INJ LOC7	FAE II Operating LLC	ALSTON #7	3500	LOC-INJ	Injector Location	2573.57	TBD	TBD	255	37E	26	1174 FNL 960 FWL
25118040000	ANDERSON-PRICHARD OIL CORP	HARRISON 4	3349	DHSO&G	PLUGGED	2630.43	10/8/1938	1/4/1939	255	37E	27	330 FEL 1650 FNL

Exhibit B15

HENRY #8

1/2 Mile Radius

UWI/API	OPERATOR	WELL LABEL	ID	WELL TYPE	CURRENT ZONE	Distance from Henry 8 (feet)	SPUD DATE	COMP DATE	TOWNSHIP	RANGE	SECTION	FOOTAGE
3002511870000	FAE II Operating LLC	HENRY #8	3400	LOC-INJ	Injector Location	0	TBD	TBD	255	37E	26	507 FSL 1555 FWL
3002511870000	RICE OPERATING COMPANY	JUSTIS SWD #26	4800	SWD	[96121] SWD,SAN ANDRES	203.2	12/8/1938	1/27/1939	255	37E	26	1650 FWL 330 FSL
30025118940000	FAE II Operating LLC	HENRY #7	3400	LOC	Location	826.36	TBD	TBD	255	37E	26	960 FSL 862 FWL
30025118940000	CARR WELL SERVICE INCORPORATED	G W DABBS 2	3330	PLUGOIL	PLUGGED	1004.14	9/24/1938	11/23/1938	255	37E	35	990 FWL 330 FNL
30025118930000	FAE II Operating LLC	HENRY #6	3400	LOC-INJ	Injector Location	1079.29	TBD	TBD	255	37E	26	1562 FSL 1321 FWL
30025118930000	CARR WELL SERVICE INCORPORATED	G W DABBS 1	3331	PLUGOIL	PLUGGED	1139.73	4/30/1938	8/18/1938	255	37E	35	2310 FWL 330 FNL
30025117880000	MAMMOTH EXPLORATION, LLC	HENRY 3	3325	OIL	[37240] LANGGLE MATTX:7 RVRS-Q-GRAYBURG	1234.15	2/10/1939	4/9/1939	255	37E	26	342 FWL 336 FSL
30025117880000	FAE II Operating LLC	HENRY 4	7795	OIL	[37240] LANGGLE MATTX:7 RVRS-Q-GRAYBURG	1526.84	10/8/1968	11/23/1968	255	37E	26	1980 FWL 1980 FSL
30025117950000	FAE II Operating LLC	HENRY #5	3500	LOC-INJ	Injector Location	1804.06	TBD	TBD	255	37E	26	1709 FSL 212 FWL
30025117910000	PERMIAN RESOURCES INC	CARLSON B 26 #3	3329	PLUGGAS	PLUGGED	1842.74	1/12/1956	2/1/1956	255	37E	26	2310 FEL 1650 FSL
30025117910000	MAMMOTH EXPLORATION, LLC	HENRY 1	3330	OIL	[37240] LANGGLE MATTX:7 RVRS-Q-GRAYBURG	1894.55	5/27/1938	8/13/1938	255	37E	26	660 FWL 2310 FSL
30025117910000	FAE II Operating LLC	CARLSON FEDERAL B 27 #3	3500	LOC	Location	2006.03	TBD	TBD	255	37E	27	994 FSL 342 FEL
30025118010000	FAE II Operating LLC	TERRA CARLSON B FEDERAL 1	3375	GAS	[37240] LANGGLE MATTX:7 RVRS-Q-GRAYBURG	2163.26	12/16/1980	1/4/1981	255	37E	26	1650 FEL 990 FSL
30025118010000	AMERICAN EXPLORATION COMPANY	ALSTON 4	3341	PLUGOIL	PLUGGED	2449.23	4/26/1938	6/13/1938	255	37E	26	2311 FNL 1665 FWL
3002523510000	CARR WELL SERVICE INCORPORATED	G W DABBS 3	3350	PLUGOIL	PLUGGED	2528.46	12/5/1967	12/31/1967	255	37E	35	1980 FWL 1980 FNL
30025118090000	FAE II Operating LLC	CARLSON B 27 #2	3307	OIL	[37240] LANGGLE MATTX:7 RVRS-Q-GRAYBURG	2597.06	11/9/1938	12/9/1938	255	37E	27	330 FEL 2310 FSL

Part VI. Continued

Plugged Wellbore Diagrams

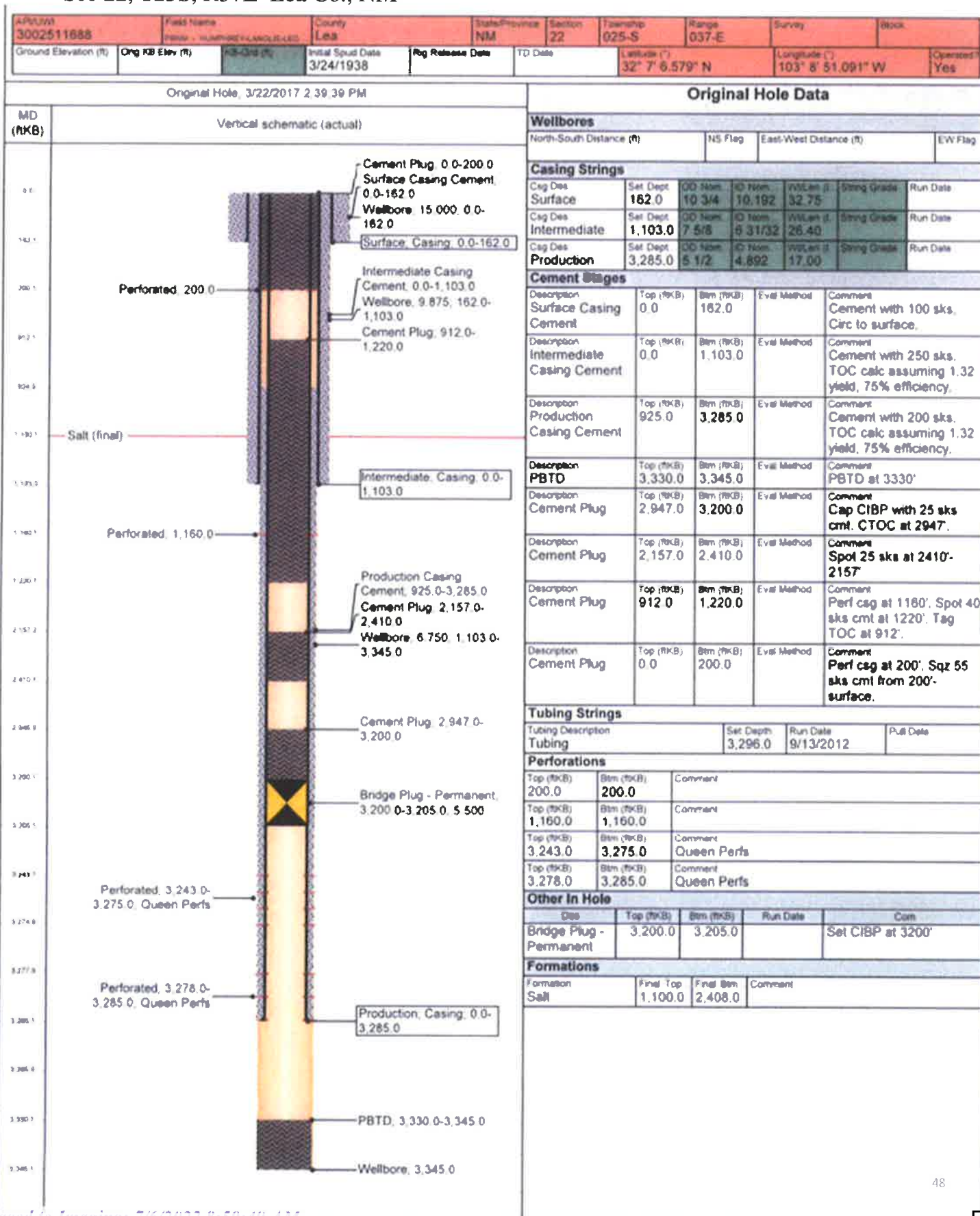
VI. Exhibit C1

LANGLIE MATTIX QUEEN UNIT #40

API# 30-025-11688

1650 FEL 1650 FNL,

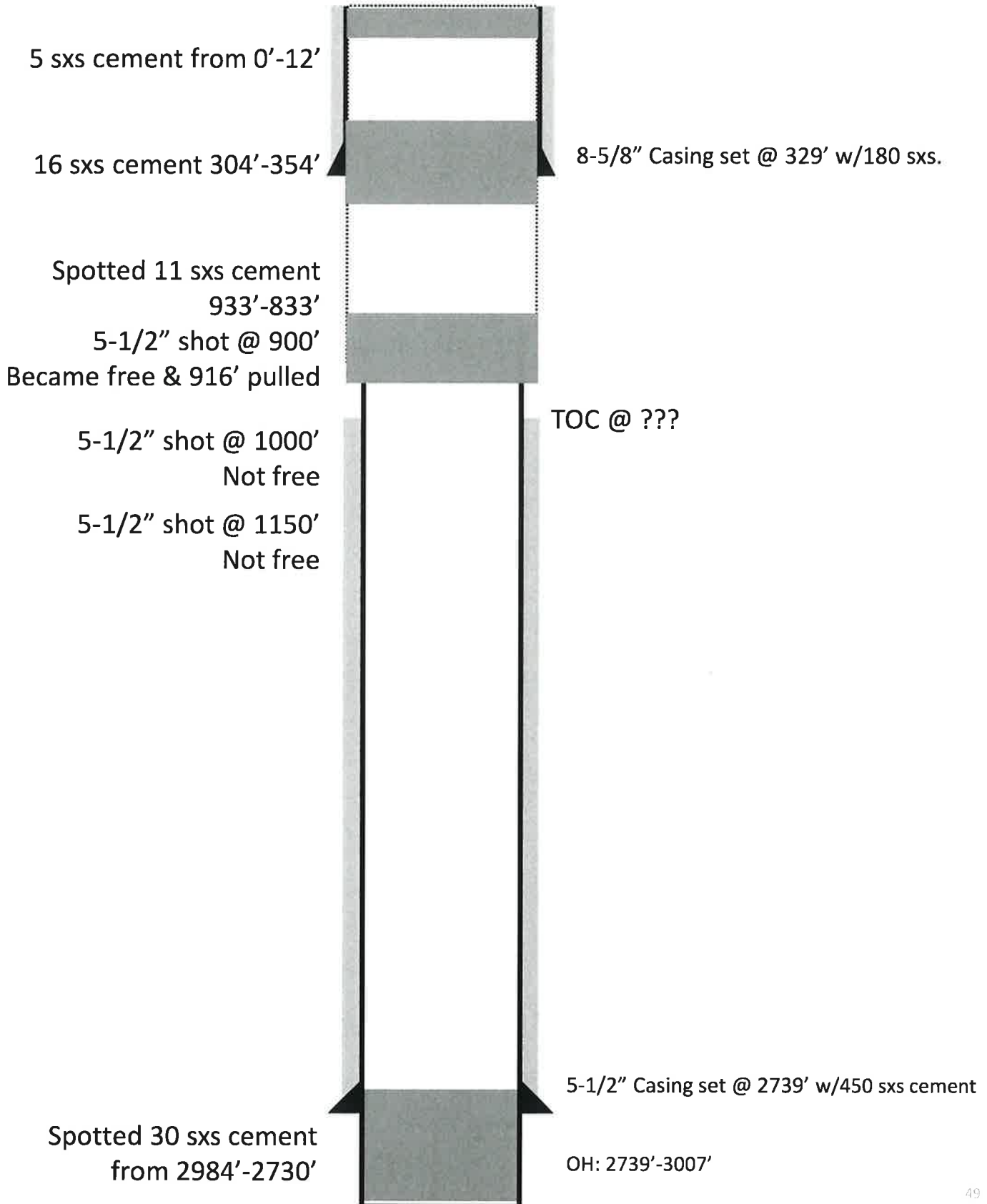
Sec 22, T25S, R37E Lea Co., NM



VI. Exhibit C2

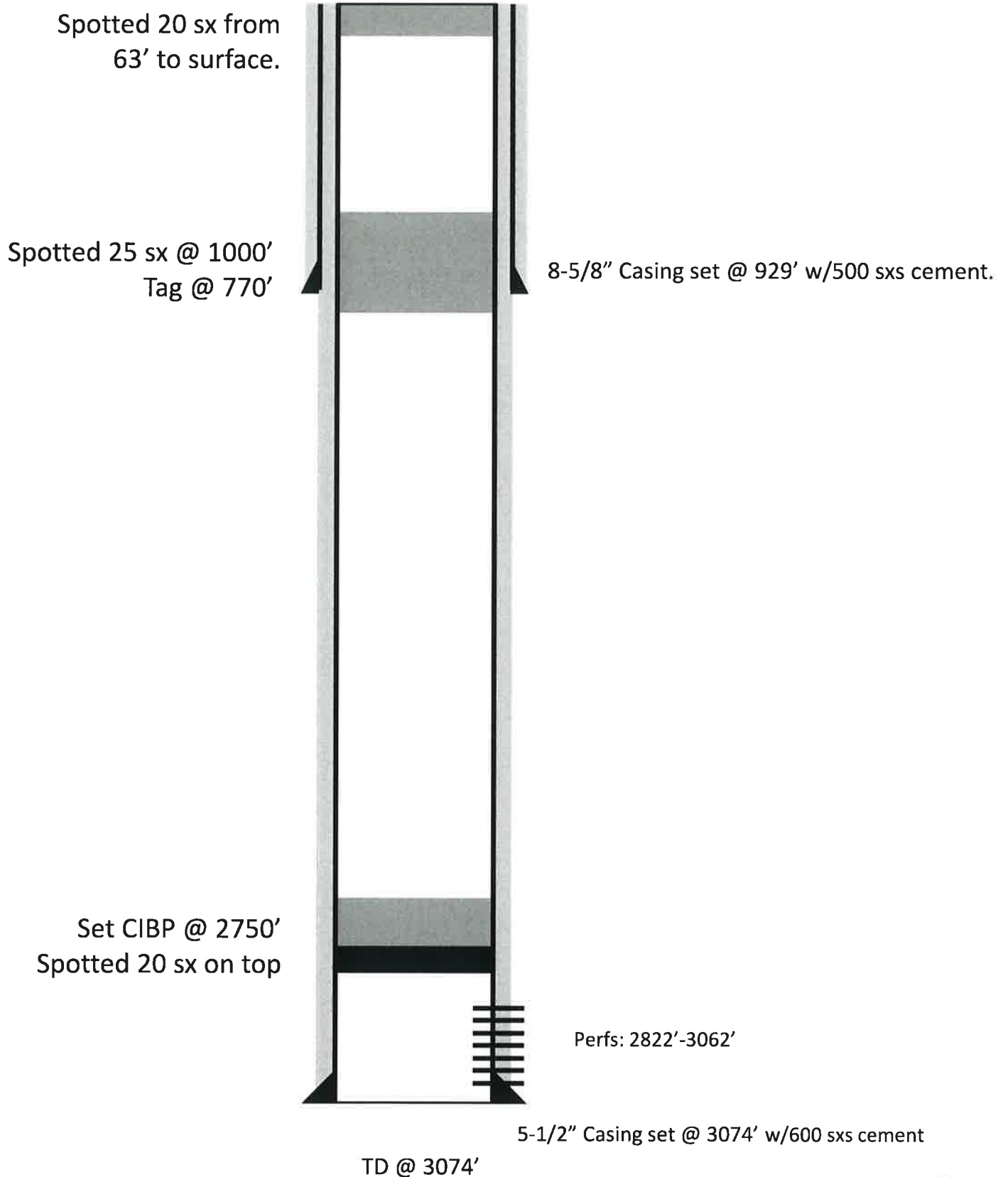
INDIAN-FEDERAL 1

API# 30-025-11691
660 FWL 660 FSL,
Sec 22, T25S, R37E Lea Co., NM



CARLSON HARRISON FEDERAL COM 1 VI. Exhibit C3

API# 30-025-11692
660 FWL 1980 FSL,
Sec 22, T25S, R37E Lea Co., NM



VI. Exhibit C4

HARRISON #1

API# 30-025-11702
330 FWL 330 FSL,
Sec 23, T25S, R37E Lea Co., NM

COMPANY PERMIAN RESOURCES INC

WELL HARRISON #1

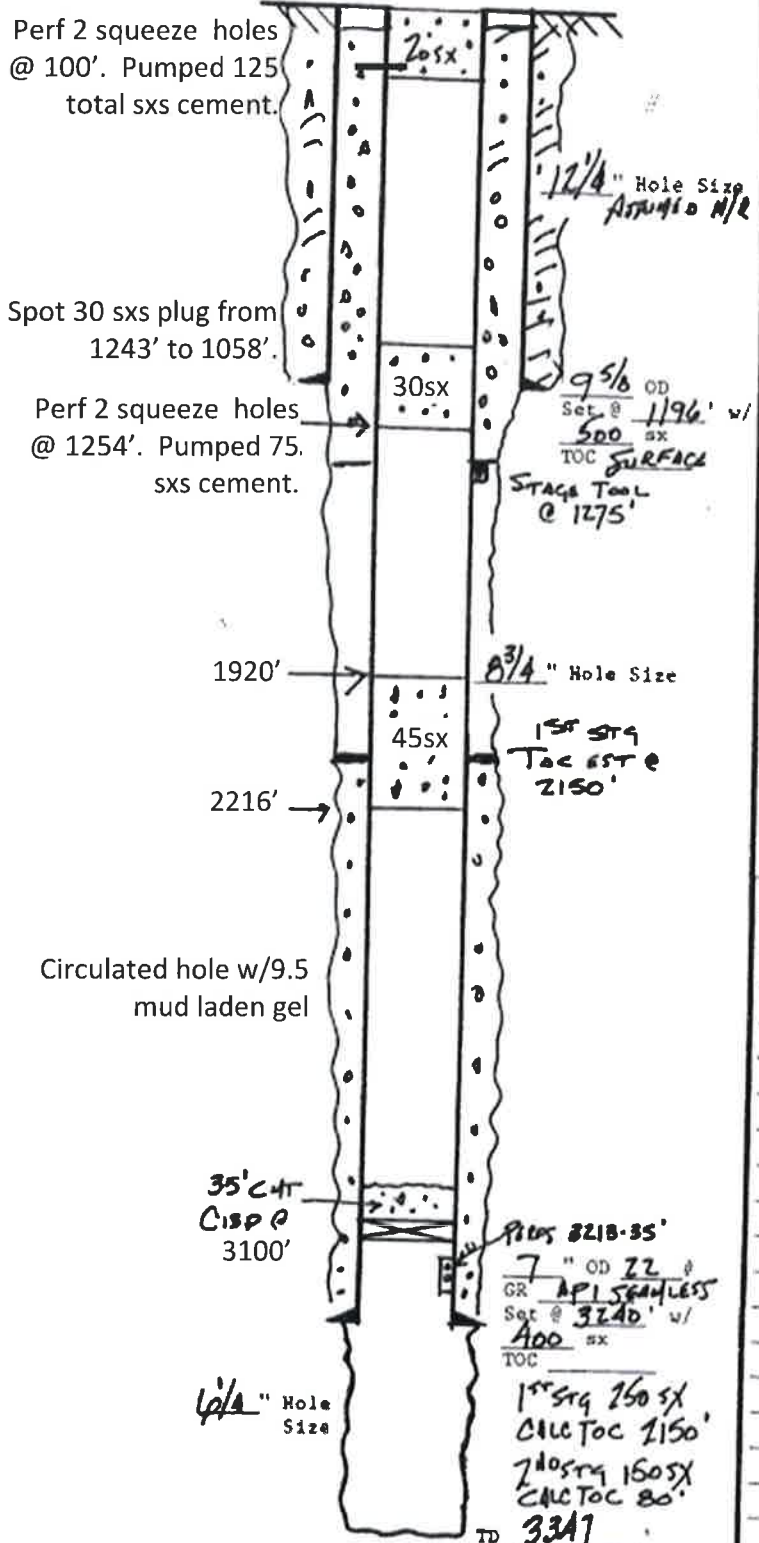
FIELD LANGUE MATTIX (DUGAN)

LOCATION 330' FSL & 330' FWL (M)
SECTION 23, T25S, R37E

COUNTY LEA

STATE NM

ELEVATIONS: KB _____
DF 3047
GL _____



COMPLETION RECORD

SPLD DATE 2/3/38 COMP. DATE 3/3/38

TD 3347 PSTD 3347

CASING RECORD
9 5/8, 86' FT @ 1196' CMTO W/ 500 SX
7, 22' FT @ 3240' CMTO W/ 400 SX

PERFORATING RECORD
OH 3240-3347
PERFS 3213-3235'

STIMULATION
OH 3240-3347 120 pps nitro
PERFS 3268-3285' 160 gtt nitro

IP _____

GOR _____ GR _____

TP _____ CP _____

CHOKE _____ TUBING _____

REMARKS
8/2/61 Sof 3295-3339' OH &
3213-3235' PERFS W/
20,000 GAL RIF OIL +
30,000 # 20/40 SAND

SE 2/27/87

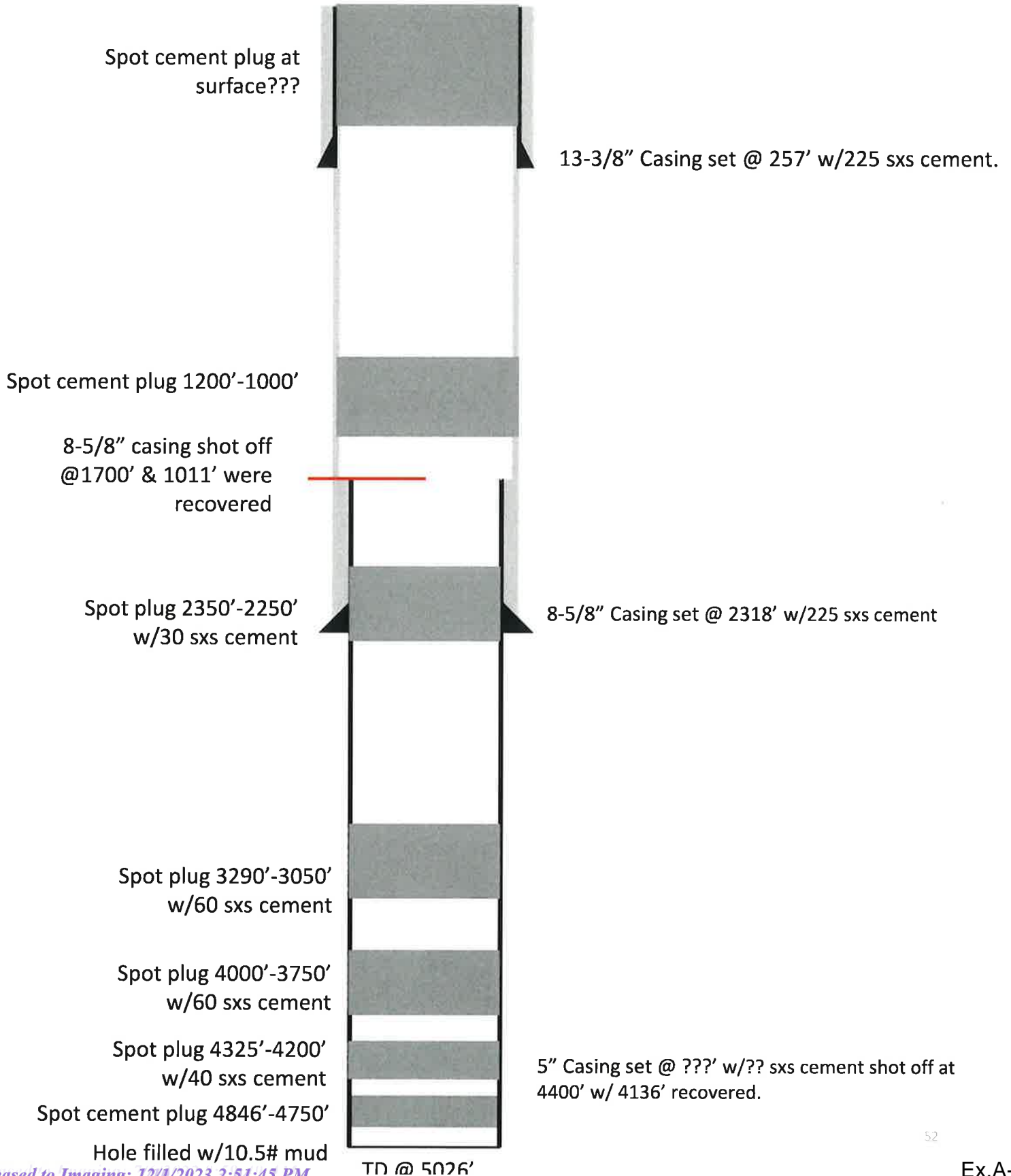
VI. Exhibit C5

HARRISON-CARLSON 5

API# 30-025-11703

1980 FWL 1980 FSL,

Sec 23, T25S, R37E Lea Co., NM



LANGLIE MATTIX QUEEN UNIT #35

API# 30-025-11705
 330 FWL 2310 FNL,
 Sec 23, T25S, R37E Lea Co., NM

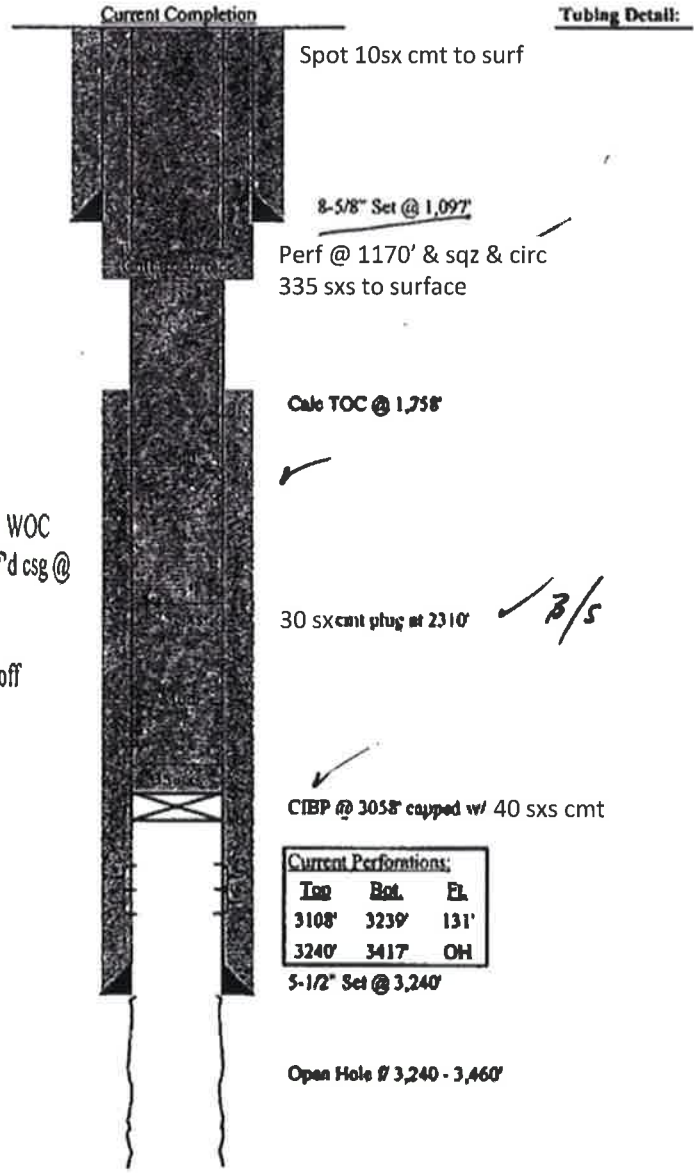
VI. Exhibit C6

Wellbore Diagram

Lease & Well No.	Langlie Mattix Queen Unit #35		
Field Name	Langlie Mattix		
Location	2,310' FNL & 4,950' FEL; T: 25S R: 37E Sec 22		
K.B. Elevation	_____		
D.F. Elevation	_____		
Ground Level	3,076'		

Former Name	_____
County & State	Lea County, New Mexico
API No.	30-025-11705

Surface Casing					
Size (OD)	8 5/8"	Weight	32.0#	Depth	1,097'
Grade		Sx. Cmt.	600 sx	TOC @	Surface
Intermediate Casing					
Size (OD)	n/a	Weight		Depth	
Grade		Sx. Cmt.		TOC @	
Production Casing					
Size (OD)	6"	Weight	15.0#	Depth	3,240'
Grade		Sx. Cmt.	200 sx	TOC @	1,785' Calc



MIRU plugging equipment.
 NU BOP. POH w/ tbg & packer. RIH w/ tbg to 3058'. Circ mud laden fluid. Spot 40 sx @ 3058'. WOC.
 Did not tag plug. Re-spot 40 sx cmt @ 3058'. WOC. Tagged plug @ 2800'. POH to 2310'. Spot 30 sx cmt. WOC
 Tagged plug @ 2089'. POH w/ tbg. Run 1 jt & set pkr @ 30'. Press up on csg to 1000 psi. Held. POH. Perf'd csg @
 1170'. RIH w/ 2 jts & pkr. Set pkr. Sqz'd 335 sx and circ to surf. WOC.
 Tagged plug @ 60'. Spot 10 sx cmt to surf. RD moved off.
 MI welder & backhoe. Dig out cellar. Cut of wellhead. Welded on Dry Hole Marker. Backfilled cellar. Cut off
 Deadmen and cleaned location. Moved off.

Formation Record	Depth
Top of Salt	1,120'
Base of Salt	2,260'
Yates	2,470'
7 Rivers	2,730'
Queen	3,110'
Pearose	3,256'

Current Performances:		
Top	Bot.	FL
3108'	3239'	131'
3240'	3417'	OH

5-1/2" Set @ 3,240'

Plug Back Depth	
Total Depth	3,460'

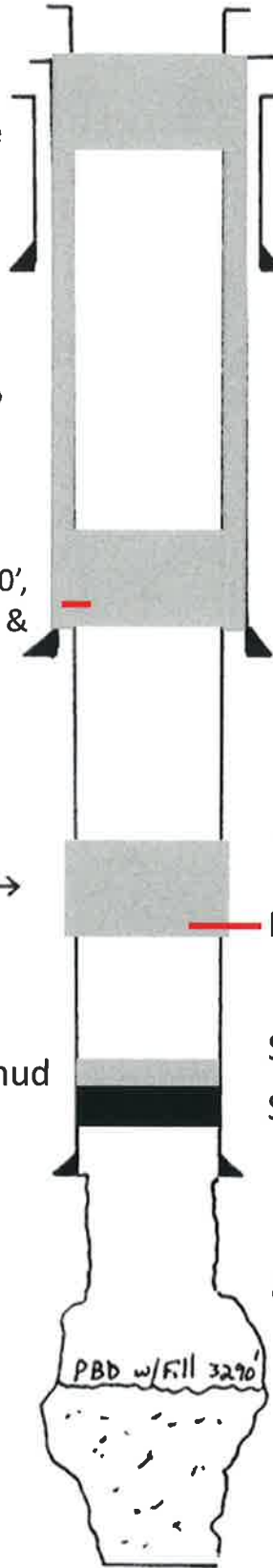
CARLSON A #3

API# 30-025-11709

VI. Exhibit C7

Carlson A No. 3

Set 10sx plug inside 7' at surface



13" 40# @ 155' w/100 sx

Est. TOC
600' on
9 5/8"

Perf 7" @1100', set retainer @ 1050',
cmt w/200 sx cmt, circ to surface, &
left 80' on top retainer.

9 5/8" 29.3# Gr. C @ 1163'
w/300 sx

TOC @ 1800'

Est. TOC
2000' on 7"

Perf 7" @2200', cmt w/310 sx cmt

Circ hole w/9ppg mud

Set 25 sx cmt plug 2925'-3075'

Set CIBP @ 3075'

7" 24# Gr. B. ST&C @ 3223'
w/300 sx

Assumed cmt yield = 1.2
and 50% eff. on gauge hole.

3258'

TD 3345'

Shot w/160 gts
w/tee. 12/38
frac w/1200# sd 10/54

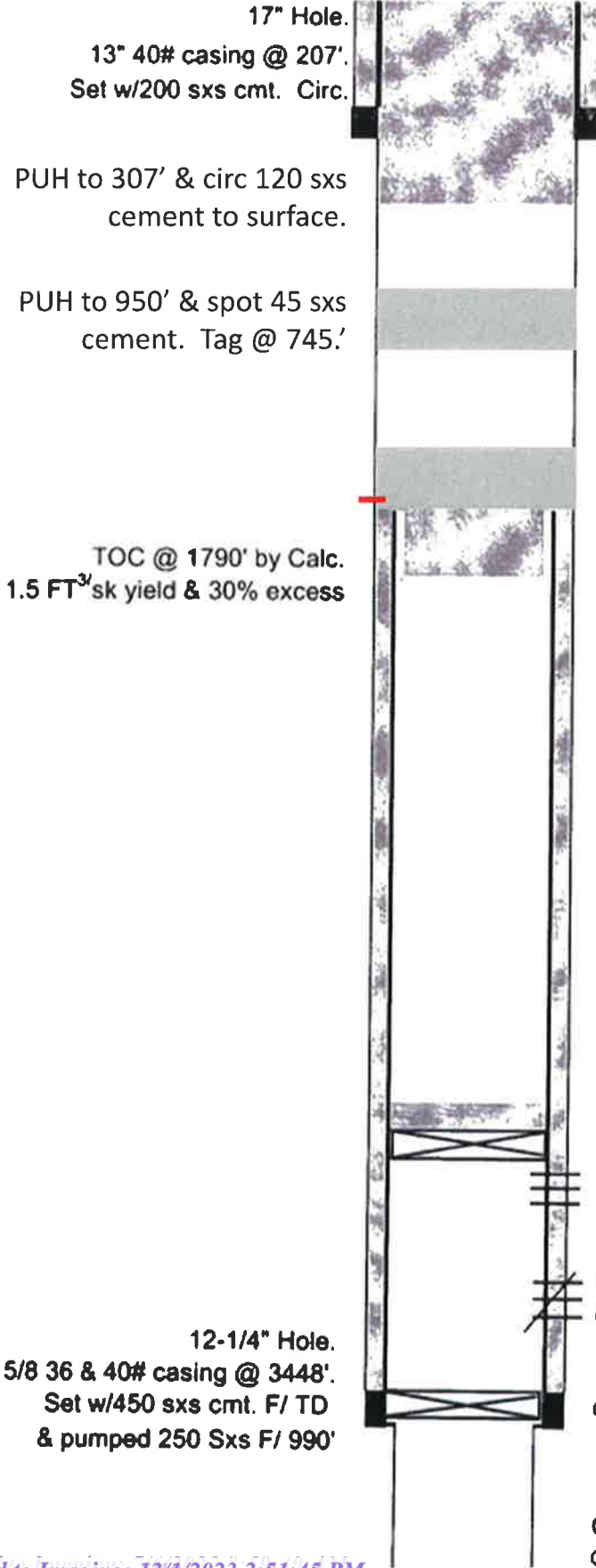
VI. Exhibit C8

WIMBERLY WN #1

API# 30-025-11716
1980 FWL 1980 FNL,
Sec 23, T25S, R37E Lea Co., NM

Wimberley WN #1

Legacy Reserves Operating LP
1980' FNL & FWL
Sec 23, T-25S, R-37E, Lea Co., NM
API 30-025-11721
KB-3086'; Completed 03/29/43; Spudded 02/01/43



PUH to 307' & circ 120 sxs cement to surface.

PUH to 950' & spot 45 sxs cement. Tag @ 745.'

TOC @ 1790' by Calc.
1.5 FT³/sk yield & 30% excess

Perf 9-5/8" @1750', but could not pump into perfs & squeeze. RIH to 1800' & spot 60 sxs cement plug. Tag @ 1592'.

CIBP @ 2355 w/ 35' cmt

Perfs @ 2378'-2789'

Langlie Mattix Perfs @ 3044' to 3325'
Perfs Squeezed

CIBP @ 3440'

Convert to SWD in OH from 3448' - 4294'.
OH TD = 4294'

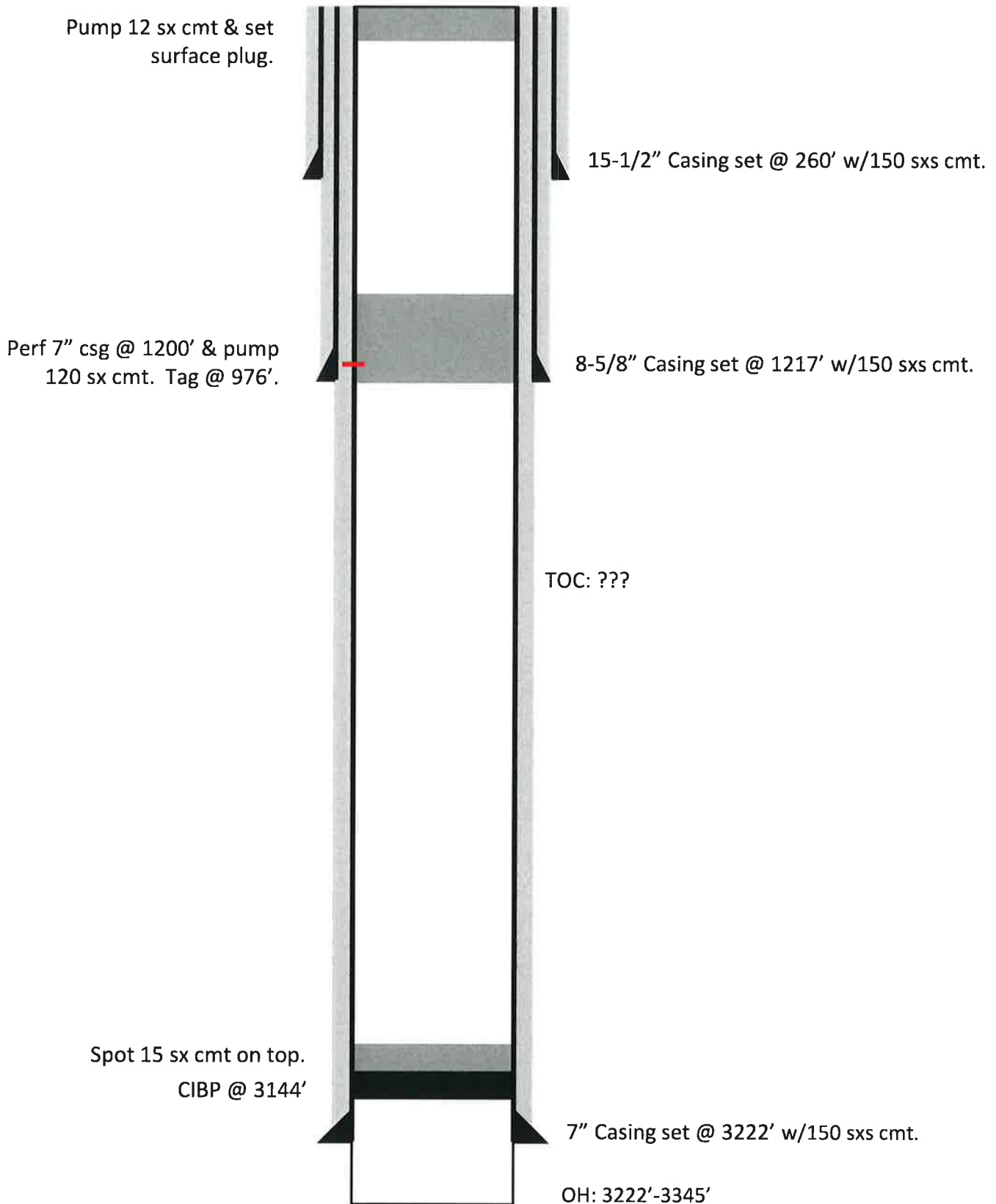
VI. Exhibit C9

ALSTON 1

API# 30-025-11786

330 FWL 330 FNL,

Sec 26, T25S, R37E Lea Co., NM



VI. Exhibit C10

CARLSON B-26 1

API# 30-025-11789

1650 FWL 990 FNL,

Sec 26, T25S, R37E Lea Co., NM

PB surface using 5 sxs cmt.

13" Casing set @ 104' w/135 sxs cmt in 1939.

PB 9-5/8" csg stub @ 581'
using 20 sxs cmt.

9-5/8" Casing set @ 1135' w/300 sxs cmt in 1939.

Pulled portions of 7" & 9-5/8"
casing at some point before
March 1953?

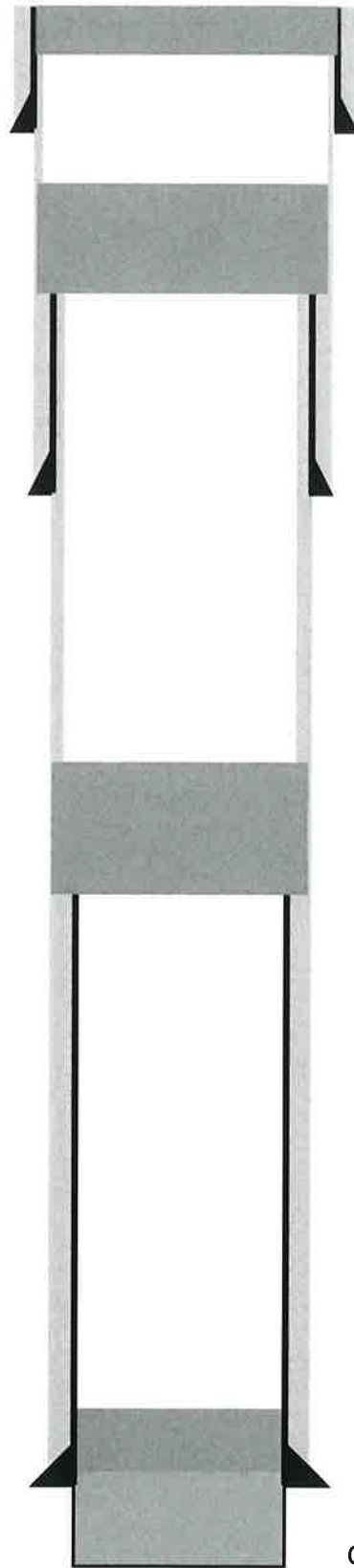
PB 7" csg stub @ 1992'
using 20 sxs cmt.

PB from 3221' to 3000'
w/ 45 sxs cmt.

7" Casing set @ 3226' w/300 sxs cmt in 1939.

PB to 3221' at some time
before March 1953.

OH: 3226'-3341'



TD @ 3341'

VI. Exhibit C11

CARLSON B 26 #3

API# 30-025-11795

2310 FEL 1650 FSL,

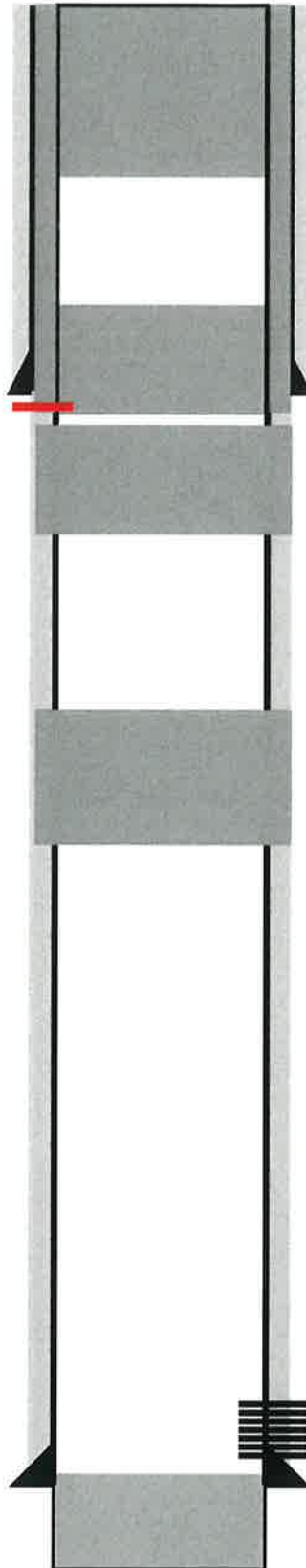
Sec 26, T25S, R37E Lea Co., NM

Pumped 40 sxs cement from
400' to surface.

Perf @ 950', set pkr @ 702',
squeezed 170 sxs cmt @ 950',
& circ to surface. Tag @ 800'.

Squeezed 36 sx cement @
1959'-1850'. Tag @ 1847'.

PB to 3224' at some time
before March 1969.



8-5/8" Casing set @ 900' w/300 sxs cmt.

Squeezed 36 sx cement @ 1154'-
1050' w/circ up 5-1/2" x 8-5/8"
annulus. Tag @ 1016'.

Perf 3071'-3121' in 1969

5-1/2" Casing set @ 3226' w/250 sxs cmt.

OH: 3226'-3329'

TD @ 3329'

VI. Exhibit C12

ALSTON 2

API# 30-025-11799

330 FWL 1650 FNL,

Sec 26, T25S, R37E Lea Co., NM

Pumped 20 sxs cement w/good slurry to pit.

10-3/4" Casing set @ 440' w/150 sxs cmt.

Pump 40 sxs cement & flush w/gel water. Tag TOC @ 990'.

Pump 100 sxs cement & flush w/salt gel. Tag TOC @ 2885'.

7" Casing set @ 3195' w/350 sxs cmt.

OH: 3195'-3348'

TD @ 3348'

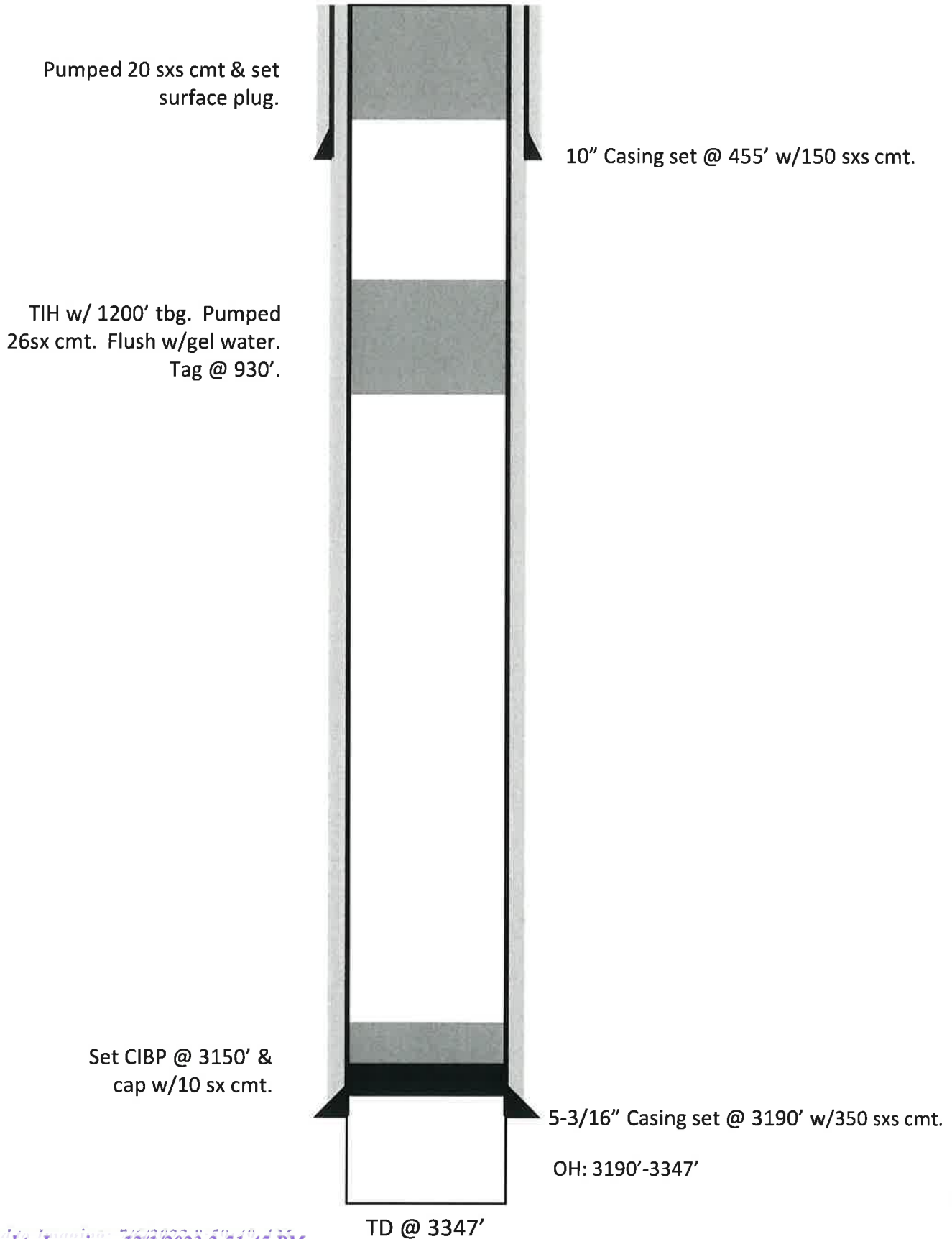
VI. Exhibit C13

ALSTON 4

API# 30-025-11801

1650 FWL 2310 FNL,

Sec 26, T25S, R37E Lea Co., NM



VI. Exhibit C14

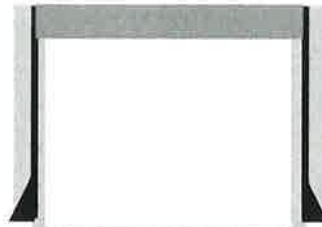
CARLSON-FEDERAL B-26 7

API# 30-025-11802

1650 FEL 2310 FSL,

Sec 26, T25S, R37E Lea Co., NM

Spotted 10 sxs cmt @ Top



11-3/4" Casing set @ 839' w/670 sxs cmt.

Spotted 65 sxs cmt @ 925'.

Shot 7" csg @ 1315' & pulled 31 joints. Spotted 65 sxs cmt @ 1363'.

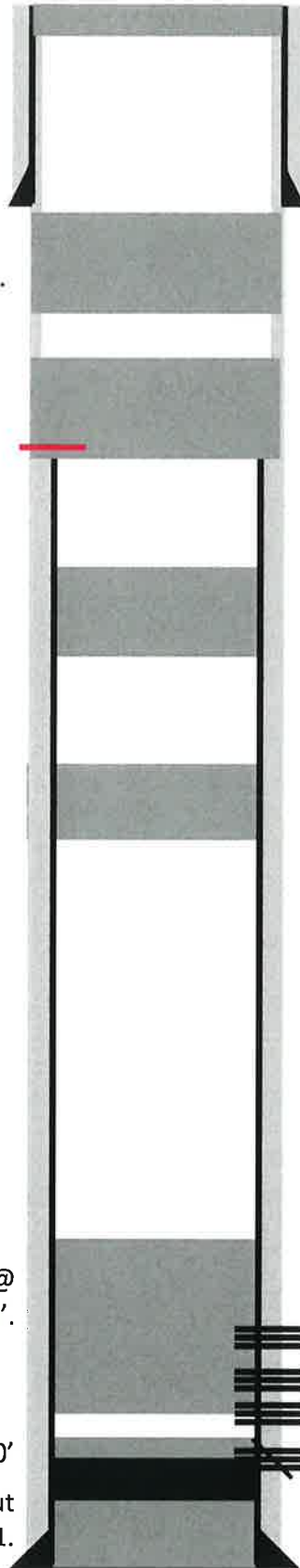
Spotted 35 sxs cmt @ 2348'.

Circulated & spotted 25 sxs cmt @ 3701'.

Circulated & spotted 100 sxs cmt @ 5326'. Tag @ 4808'.

CIBP @ 5410' w/2 sx cmt. PBTB @ 5400'

PBTB @ 5418', drilled out to 5545' in 1961.



Perf 5042'-5060'

Perf 5110'-5162'

Perf 5301'-5371'

Perf 5470'-5518'

TD @ 6049'

7" Casing set @ 6043' w/725 sxs cmt.

VI. Exhibit C15

CARLSON 1

API# 30-025-11803

1980 FEL 1980 FSL,

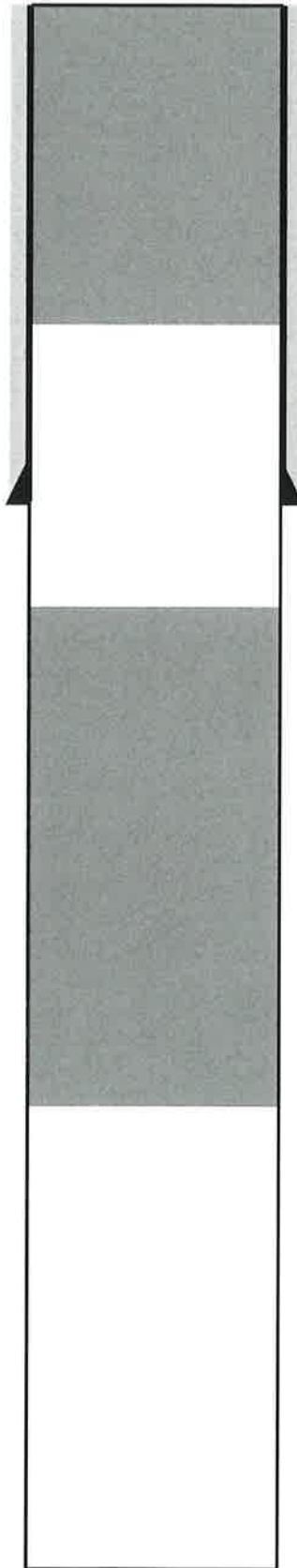
Sec 27, T25S, R37E Lea Co., NM

Dry Hole

Plugged, but what was done?

10" Casing set @ 1222' w/50 sxs cmt.

No casing down hole. What was done?



TD @ 3654'

VI. Exhibit C16

HARRISON 4

API# 30-025-11804

330 FEL 1650 FNL,

Sec 27, T25S, R37E Lea Co., NM

Dry Hole

Plugged, but what was done?

7-5/8" Casing set @ 1101' w/325 sxs cmt in 1938.

Plugged, but what was done?

5-1/2" Casing set @ 3190' w/300 sxs cmt in 1938.

OH: 3190'-3349'

TD @ 3349'

VI. Exhibit C17

ALSTON #3

API# 30-025-11807

990 FEL 330 FNL,

Sec 27, T25S, R37E Lea Co., NM

Pumped 19 sx cmt @ surface plug
w/good slurry to pit.

15-3/4" Casing set @ 440' w/150 sxs cmt.

Shot casing off @ 905'. Circ hole
w/fresh wtr. Pumped 65 sx cmt.

8-5/8" Casing set @ 1112' w/35 sxs cmt.

TOC: ???

Set CIBP @ 3100' &
cap w/10 sx cmt.

5-3/16" Casing set @ 3140' w/250 sxs cmt.

OH: 3140'-3345'

TD @ 3345'

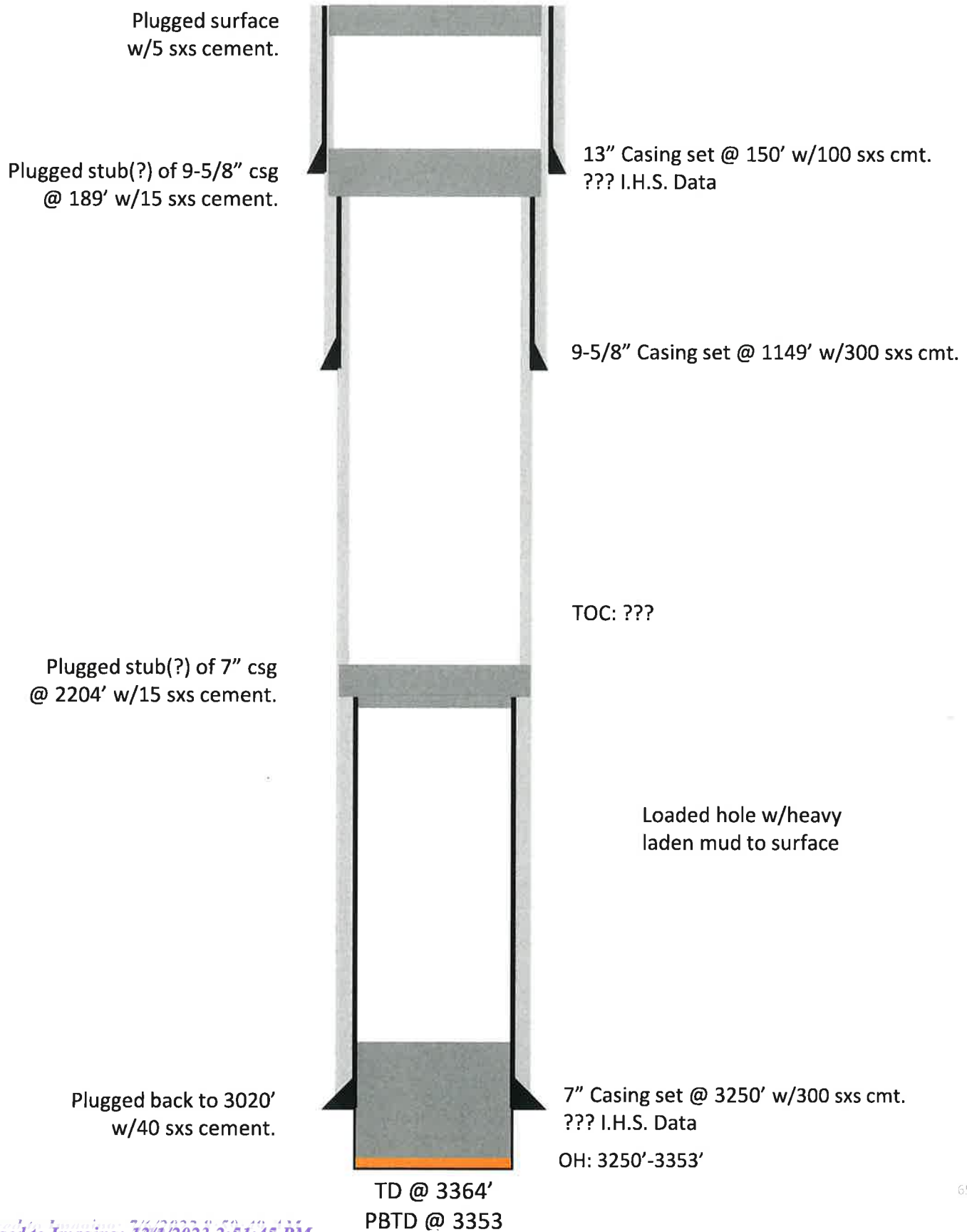
VI. Exhibit C18

CARLSON-FEDERAL B 1

API# 30-025-11808

1650 FEL 330 FNL,

Sec 27, T25S, R37E Lea Co., NM



CARLSON HARRISON FEDERAL COM 2 VI. Exhibit C19

API# 30-025-11810
 660 FWL 660 FNL,
 Sec 27, T25S, R37E Lea Co., NM

OPERATOR GROY PETROLEUM MANAGEMENT
 LEASENAME CARLSON HARRISON FED. Com.

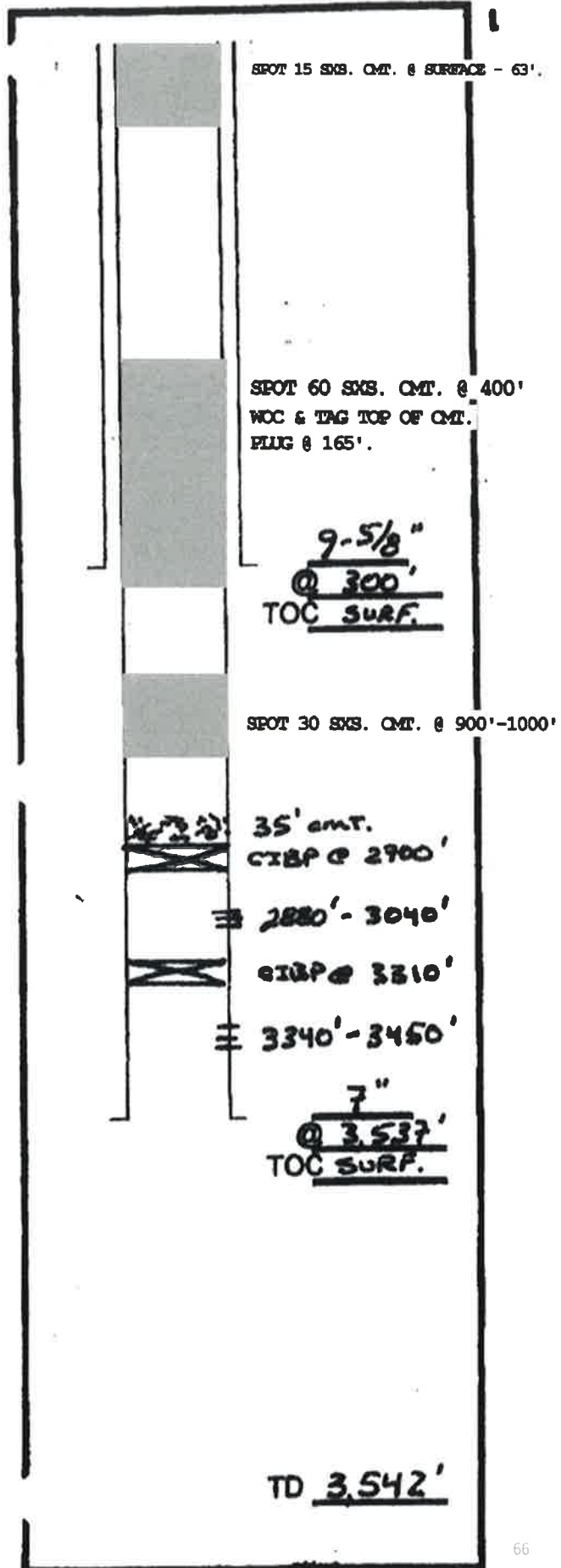
WELL # 092
 SECT 27 TWN 25S RNG 37E
 FROM 660 N/S/L 660 E/W/L
 TD: 3,542' FORMATION @ TD
 PBTD: 2,665' FORMATION @ PBTD

	SIZE	SET @	TOC	TOC DETERMINED BY
SURFACE	9-5/8"	300'	SURF.	CIRC.
INTMED 1				
INTMED 2				
PROD	7"	3,537'	SURF.	CIRC.
	SIZE	TOP	BOT	TOC DETERMINED BY
LINER 1				
LINER 2				
	CUT & PULL @		TOP - BOTTOM	
INTMED 1			PERFS	-
INTMED 2			OPENHOLE	-
PROD				

FLUG #1	SALT	30 SXS	1000'	
FLUG #2	SHOE	60 SXS	400'	TAG
FLUG #3	SURF.	15 SXS	63'	

10/10/2003
 CIRC. WELL W/ FEA MD
 SPOT 30 SXS. CNT. @ 900'-1000'
 SPOT 60 SXS. CNT. @ 400'; WOC & TAG TOP OF CNT. FLUG @ 165'.
 SPOT 15 SXS. CNT. @ SURFACE - 63'.

INSTALL FEA MARKER.



TD 3,542'

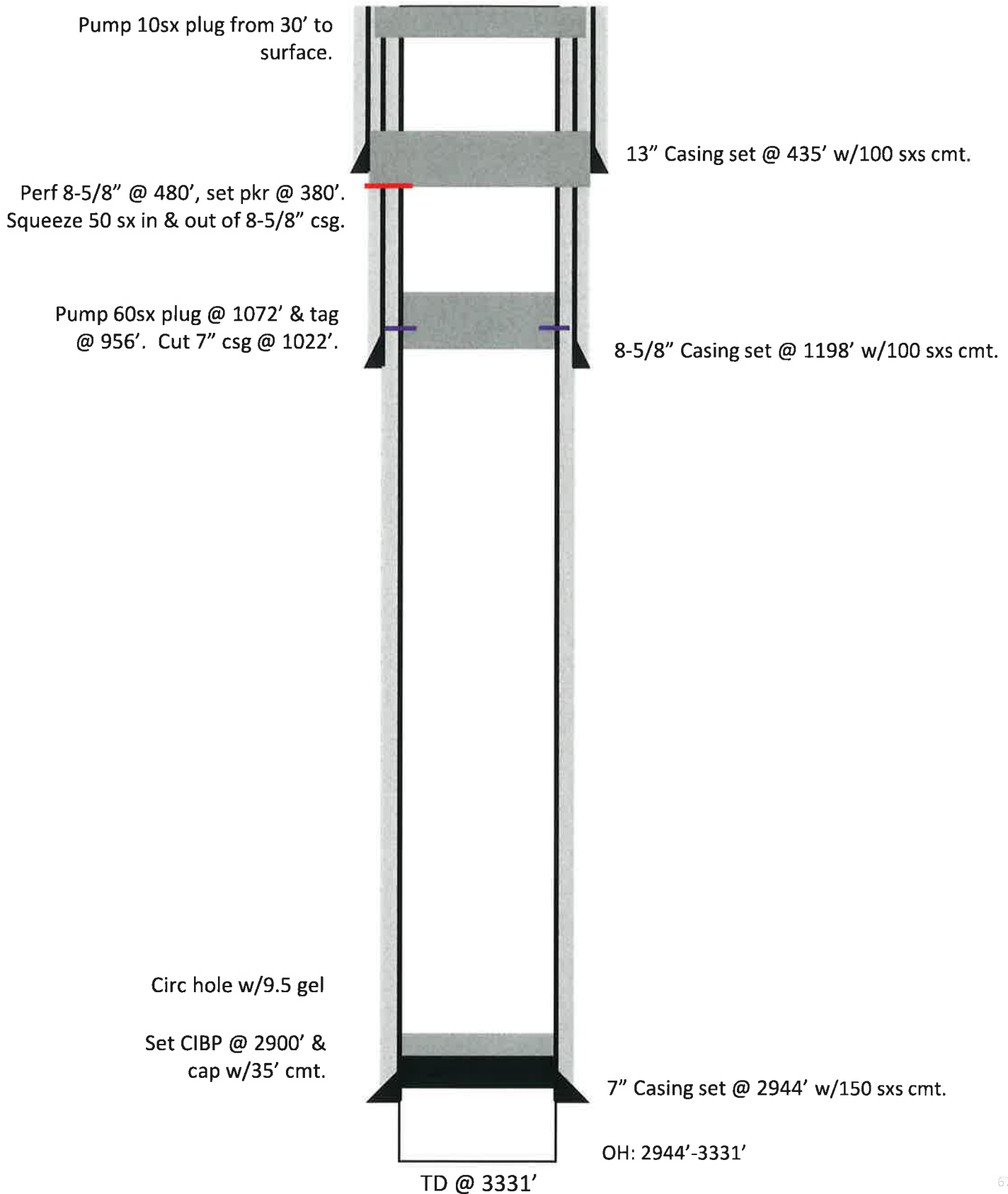
VI. Exhibit C20

G W DABBS 1

API# 30-025-11893

2310 FWL 330 FNL,

Sec 35, T25S, R37E Lea Co., NM



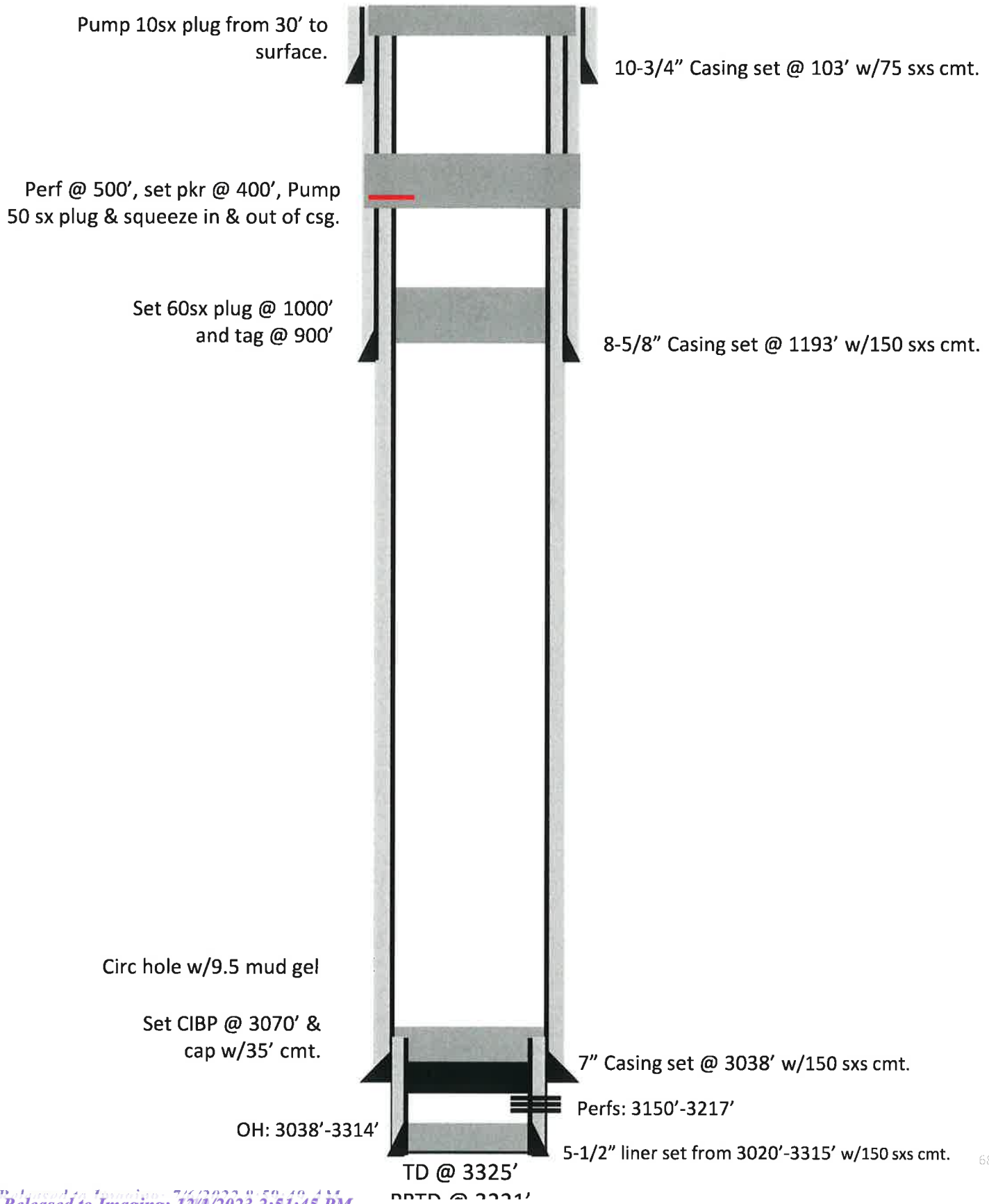
VI. Exhibit C21

G W DABBS 2

API# 30-025-11894

990 FWL 330 FNL,

Sec 35, T25S, R37E Lea Co., NM



VI. Exhibit C22

LANGLIE MATTIX QUEEN UNIT #33

API# 30-025-22155

1650 FEL 2310 FNL,

Sec 22, T25S, R37E Lea Co., NM

'F...A/'

LANGLIE MATTIX QUEEN UNIT #33

API 30-025-22155

Sec 22 T-25S- R-37-E

⊆ 2310' FNL & 1650' FEL

Cut 2'
Below ground level

10 sx cmt surface plug

Spot 50 sx cmt plug from 444-686'
TAG @ 444'

8 5/8" - 28# @ 636'
250 SX CIRC.

Perf @ 1050' w/ PKZ @ 900' sqz w/ 5D SX CIRC cmt
TAG @ 1001'
EST TOC 1937'

10 sx cmt plug . tag cmt @ 3006'

CIBP @ 3150' w/ 2 sx cmt

4 1/2" - 9.5# @ 3217'
100 SX CMT

(OPEN HOLE)
3217 - 3344

TD 3344'

69

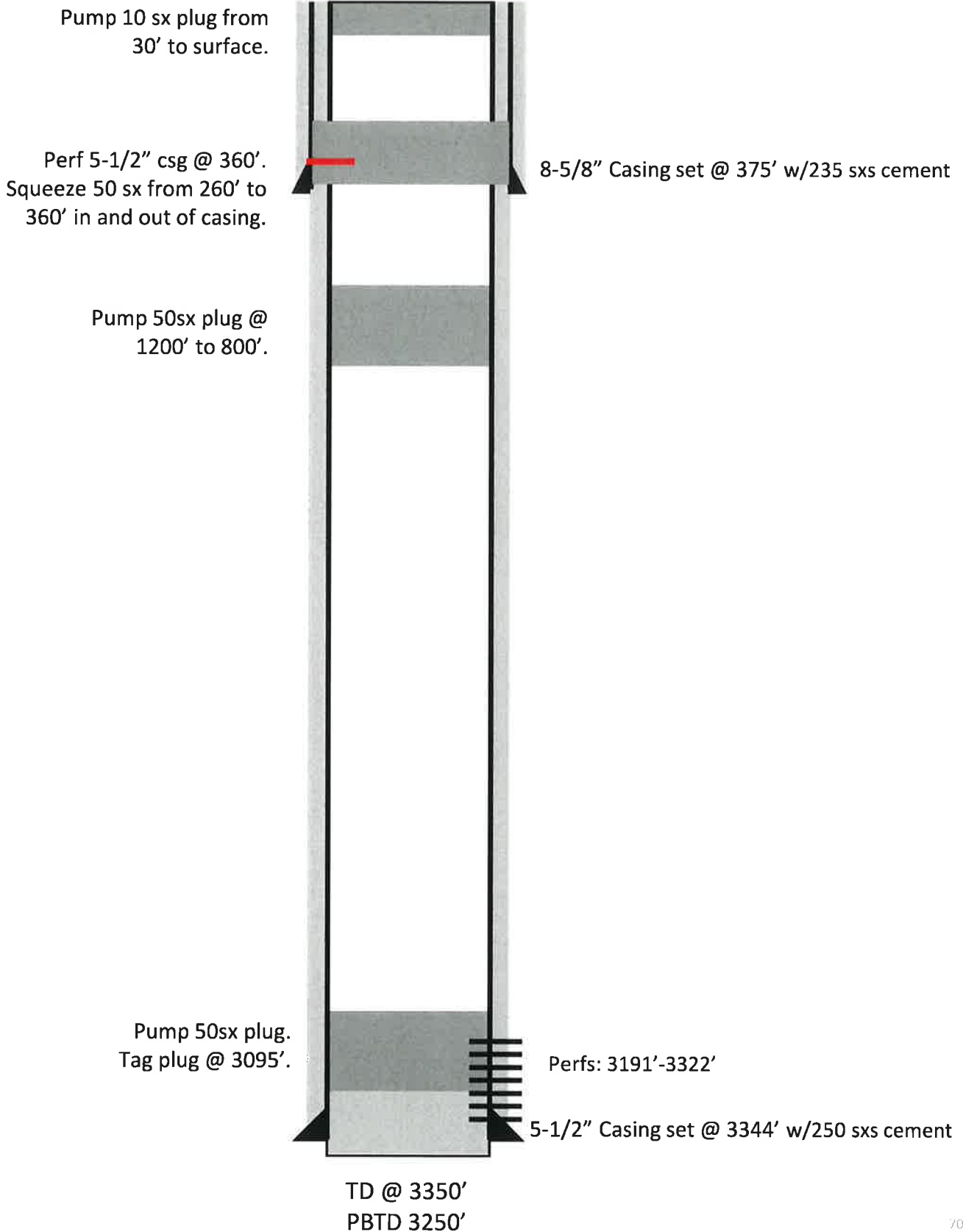
VI. Exhibit C23

G W DABBS 3

API# 30-025-22351

1980 FWL 1980 FNL,

Sec 35, T25S, R37E Lea Co., NM



VI. Exhibit C24

SOUTH JUSTIS UNIT #22

API# 30-025-22906
1980 FEL 660 FSL,
Sec 23, T25S, R37E Lea Co., NM

South Justis Unit C #22

(Originally: El Paso Fed #1)
660' FSL & 1980' FEL (O)
Sec. 23, T-25S, R-37E, Lea Co., NM
KB 3074' 30-025-22906
Spudded 12/01/68
Completed 02/01/69

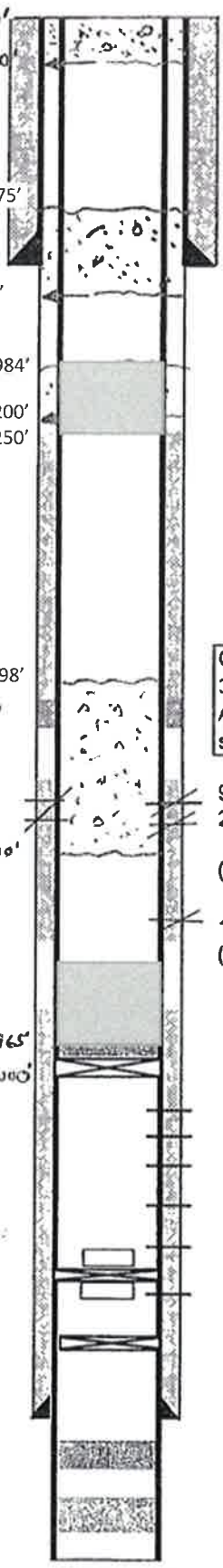
Plug # 5 0 - 60' (60')
- Perf @ 60'. Sqz. w/ 20 sx cmt

Plug # 4 - 1300'-1075'
- Perf @ 1300'. Sqz. w/ 40 sx cmt
- woc. Tag plug. 11" hole
8-5/8" J-55, 24#, casing @ 1171'.
Set w/430 sxs cmt. Circ.

Plug # 3 - 2250'-2003'
- Perf @ 2200'. Spotted 25sx cmt.
- woc. Tag plug.

Plug # 2 - 4000'-3457'
- Spotted 55 sx cmt DV Tool @ 3650'

Plug # 1 - 4965'-5000' (35')
- CIBP w/ 35' cmt cap
(Plug already in place)



Tag @ 1984'

Tag @ 3398'

4100'

4965'

5000'

TOC @ 2040' TS.

Csg insp logs showed bad csg from 3892'-3926' (24') - 11/04 & 11/08 Logs
All Cement Squeezes have targeted the same bad interval of casing from 3892'-3926' (34')

9/90-Sqz. Csg Leak 3873-3931' w/ 200 sx
2/97-Sqz. Csg Leak 3891-3956' w/ 61 sx

(Repeated tight spots @ 3891-3926')

1/79-Sqz. hole in casing 4308-35' w/ 250 sx
(San Andres)

TOC @ 4604' (Calc.)

CIBP @ 5000' w/ 35' cmt to 4965'
Blinebry/Tubb/Drinkard
Perfs : 5076'- 6033'

PBTD @ 5905'-Junk pkr or bad csg?
RBP @ 6008'
Pkr @ 6020'
Packer @ 6020'

6200-6300'-35 sxs cmt plug
Abo Formation
7080-7180'-35 sxs cmt plug

7-7/8" hole.
5-1/2", 14#, 15.5#, 17# csg @ 6130'
Cmt w/ 650 sxs cmt.

TD @ 7361'.

VI. Exhibit C25

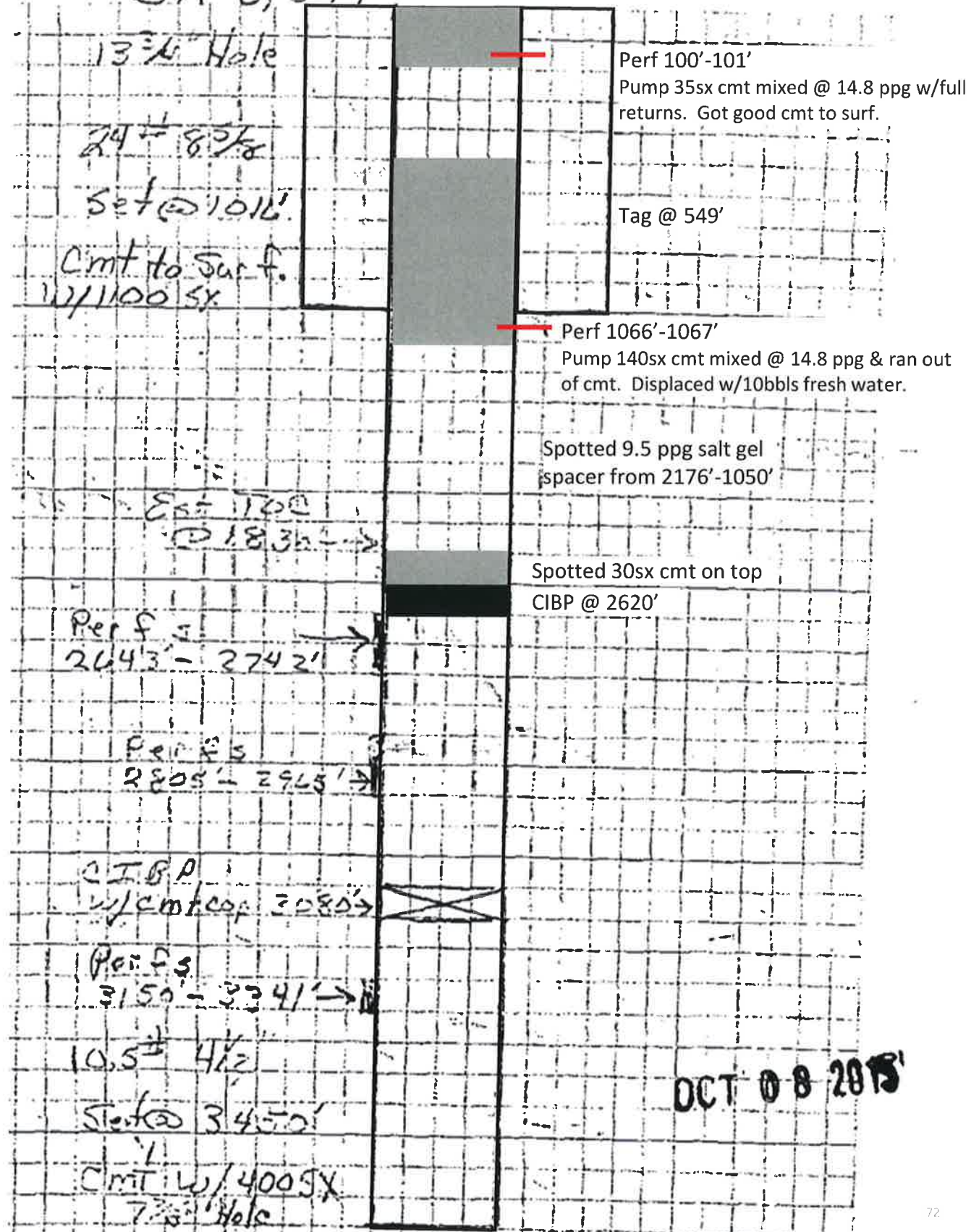
MOBIL #1

API# 30-025-25842

2180 FWL 1980 FNL,

Sec 22, T25S, R37E Lea Co., NM

GR 3,071'



VI. Exhibit C27

UNION FEDERAL 1

API# 30-025-27683

330 FEL 1980 FNL,

Sec 27, T25S, R37E Lea Co., NM

Spotted 15 sx surface plug.

Spotted 15 sx plug @ 451'-300'.

8-5/8" Casing set @ 376' w/250 sxs cmt circ.

Tag plug @ 3115'.

Spotted 15 sx plug @ 3335'-3167'.

Could not tag plug.

Spotted 22 sx plug @ 3335'-3115'.

Perfs: 3217'-3311'

4-1/2" Casing set @ 3375' w/1050 sxs cmt circ.

TD @ 3375'

PBTD @ 3335'

VI. Exhibit C28

CARLSON HARRISON FEDERAL COM #5

API# 30-025-29524

1650 FWL 330 FNL,

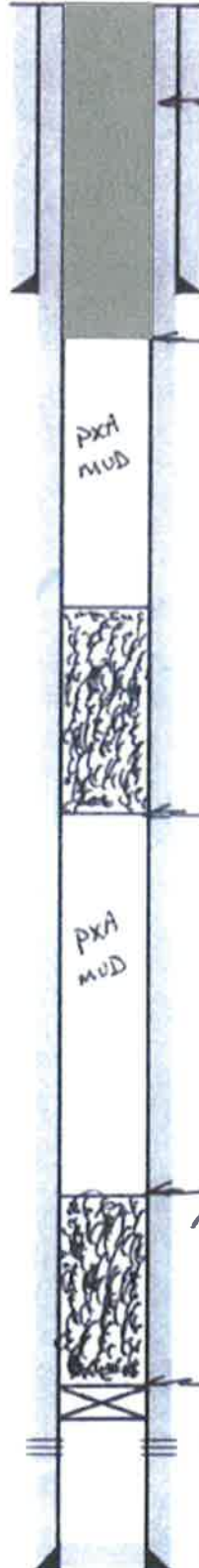
Sec 27, T25S, R37E Lea Co., NM



KB 10' above GL

Cimarex Energy Co. of Colorado
Carlson Harrison Federal #5
330' FNL & 1650' FEL
Sec. 27, T-25-S, R-37-E, Lea Co., NM
S. Gengler 30-025-29524 4/29/2009

T/ANNY ~ 875'
T/SALT ~ 977'
B/SALT ~ 2706'
T/YATES



9-5/8" 36# J-55 csg @ 412'
cmtd w/ 350 sx. cmt circ

Circ to surf: 85 sx cmt @ 462'-3'

PXA
MUD

Pump 60 SRS. @ 1032' - 697' - TAG

PXA
MUD

Pump 60 SRS. @ 2815' - 2656'

SET 7" CIBP @ 2815'

Yates perms (2876' - 3001')

Rods 122 - 3/4" rods
2 - 3/4" pony rod

Pump - 2" X 1-1/4" X 12" RHBC

PBTD @ 3542'
7" 26# J-55 @ 3550' cmtd w/ 750 sx. cmt circ
TD @ 3550'

JAE 09/23/15

75

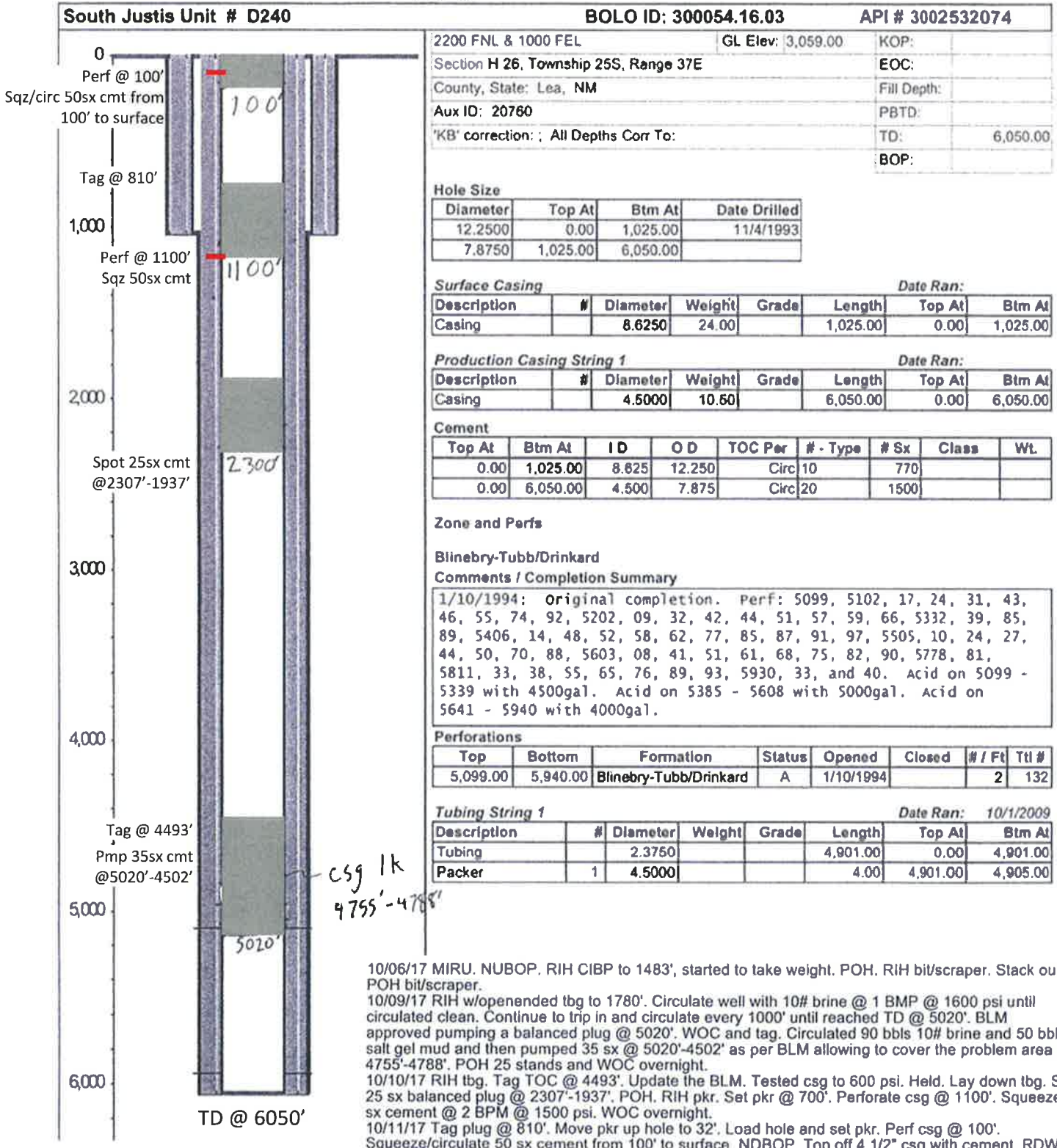
VI. Exhibit C29

SOUTH JUSTIS UNIT #240

API# 30-025-32074

1000 FEL 2200 FNL,

Sec 26, T25S, R37E Lea Co., NM



South Justis Unit # D240 **BOLO ID: 300054.16.03** **API # 3002532074**

2200 FNL & 1000 FEL	GL Elev: 3,059.00	KOP:
Section H 26, Township 25S, Range 37E		EOC:
County, State: Lea, NM		Fill Depth:
Aux ID: 20760		PBTD:
'KB' correction: ; All Depths Corr To:		TD: 6,050.00
		BOP:

Diameter	Top At	Btm At	Date Drilled
12.2500	0.00	1,025.00	11/4/1993
7.8750	1,025.00	6,050.00	

Description	#	Diameter	Weight	Grade	Length	Top At	Btm At
Casing		8.6250	24.00		1,025.00	0.00	1,025.00

Description	#	Diameter	Weight	Grade	Length	Top At	Btm At
Casing		4.5000	10.50		6,050.00	0.00	6,050.00

Top At	Btm At	ID	OD	TOC Per	# - Type	# Sx	Class	Wt.
0.00	1,025.00	8.625	12.250	Circ	10	770		
0.00	6,050.00	4.500	7.875	Circ	20	1500		

Zone and Perfs

Blinebry-Tubb/Drinkard

Comments / Completion Summary

1/10/1994: Original completion. Perf: 5099, 5102, 17, 24, 31, 43, 46, 55, 74, 92, 5202, 09, 32, 42, 44, 51, 57, 59, 66, 5332, 39, 85, 89, 5406, 14, 48, 52, 58, 62, 77, 85, 87, 91, 97, 5505, 10, 24, 27, 44, 50, 70, 88, 5603, 08, 41, 51, 61, 68, 75, 82, 90, 5778, 81, 5811, 33, 38, 55, 65, 76, 89, 93, 5930, 33, and 40. Acid on 5099 - 5339 with 4500gal. Acid on 5385 - 5608 with 5000gal. Acid on 5641 - 5940 with 4000gal.

Top	Bottom	Formation	Status	Opened	Closed	# / Ft	Ttl #
5,099.00	5,940.00	Blinebry-Tubb/Drinkard	A	1/10/1994		2	132

Description	#	Diameter	Weight	Grade	Length	Top At	Btm At
Tubing		2.3750			4,901.00	0.00	4,901.00
Packer	1	4.5000			4.00	4,901.00	4,905.00

10/06/17 MIRU. NUBOP. RIH CIBP to 1483', started to take weight. POH. RIH bit/scraper. Stack out. POH bit/scraper.

10/09/17 RIH w/openended tbg to 1780'. Circulate well with 10# brine @ 1 BMP @ 1600 psi until circulated clean. Continue to trip in and circulate every 1000' until reached TD @ 5020'. BLM approved pumping a balanced plug @ 5020'. WOC and tag. Circulated 90 bbls 10# brine and 50 bbls 10# salt gel mud and then pumped 35 sx @ 5020'-4502' as per BLM allowing to cover the problem area @ 4755'-4788'. POH 25 stands and WOC overnight.

10/10/17 RIH tbg. Tag TOC @ 4493'. Update the BLM. Tested csg to 600 psi. Held. Lay down tbg. Spot 25 sx balanced plug @ 2307'-1937'. POH. RIH pkr. Set pkr @ 700'. Perforate csg @ 1100'. Squeeze 50 sx cement @ 2 BPM @ 1500 psi. WOC overnight.

10/11/17 Tag plug @ 810'. Move pkr up hole to 32'. Load hole and set pkr. Perf csg @ 100'. Squeeze/circulate 50 sx cement from 100' to surface. NDBOP. Top off 4 1/2" csg with cement. RDWSU.

VII. Proposed Injection Operation

1. Average injection rate target will be ~750 bpd. Maximum injection rate will be 1000 bpd. These numbers are based off of typical injection rates in nearby Seven Rivers-Queen water floods.
2. The system will be a closed system. The injection well will not be made available for commercial disposal purposes.
3. Average injection pressure will be ~700 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 3,025' and 3200' (or 605 psi and 640 psi maximum injection pressure, respectively). Pending results of a step rate test, the maximum injection pressure could potentially be increased to a factor of 0.6 psi/ft (or 1,815 psi at 3,025' and 1,920 psi at 3200').
4. The water source will be produced water from nearby wells and water transfer lines.
5. Injection will be into Queen formation, which is immediately productive in the area.

VIII. Geologic Data

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

Formation Tops Are:

Formation	Offset Top (Union Federal 1) 30-025-27683	Contents
Alluvium	GL	Fresh Water
Rustler	881	Anhydrite
Salado (top of salt)	1044	Salt
Tansil (base of salt)	2342	Gas, Oil, & Water
Yates	2499	Gas, Oil, & Water
Seven Rivers	2779	Gas, Oil, & Water
Queen	3216	Gas, Oil, & Water
<i>Queen Injection Interval</i>	<i>3200-3375</i>	<i>Gas, Oil, & Water</i>
Total Depth	3375	
<i>Grayburg</i>	<i>~3530</i>	<i>Gas, Oil, & Water</i>

IX. Proposed Stimulation Program

The new drill injector will be acidized with 4,000 gal 15% HCl with diverter for each set of perforations. Acid in the Queen formation is known to break down the perms and cause injection at lower pressures vs perforating alone. The new drill injectors will not be sand frac'd so there will be better vertical conformance.

X. Logging and Test Data for Wells

The CARLSON A #1, HARRISON #1, HENRY #3, and ALSTON #4 will be converted to injectors. The well logs for the HARRISON #1 and HENRY #3 have been submitted to the NMOCD previously.

Test Data for the above mentioned wells is as follows:

CARLSON A #1

Date: 11-1-1938

Perf Interval: Open Hole 3227'-3327'

Method: Natural?

Result: 650 bbls oil in 24 hours w/no water?

Date: 9-6-1961

Perf Interval: Open Hole 3227'-3327'

Method: Frac w/ 15,000 gal plus 45,000# sand and 1500# moth balls.

Result: Tested 35 bbl oil & 50 bbl water per day

Date: 3-20-1978

Perf Interval: 3183'-3208' w/2 jpf

Method: Treated w/ 8,000 gal 15% HCl in 4 stages

Result: Pumped 2 BO & 15 BW

HARRISON #1

Date: 3-3-1938

Perf Interval: Open Hole 3240'-3347'

Method: Shot 3295'-3339' w/120 qts Nitro

Result: 124 BOPD & est. 300,000 cf gas

Date: 4-23-1938

Perf Interval: 3213'-3235' w/90 holes

Method: Shot 3268'-3319' w/160 qts Nitro.

Result: Result?

Date: 8-2-1961

Perf Interval: C/O OH to 3295' & Perfs 3183'-3208'.

Method: SOF w/ 20,000 gal RO carrying 20/40 sand.

Result: POP

X. Logging and Test Data for Wells (continued)

HENRY #3

Date: 4-1-1939

Perf Interval: Open Hole 3201'-3325'

Method: 330 qts of "Solidified" Explosive or Chemical used

Result: 70 BOPD

Date: ?? After 4-1-1939

Perf Interval: 3030'-3073'

Method: ??

Result: Result?

Date: 12-11-1957

Perf Interval: Set packer @ 3170' & frac down tubing to OH @3201'-3312'

Method: Frac w/10,000 gal oil and 10,000# sand

Result: OH & Perfs tested 47.5 BOPD, 58.93 MCFPD, & 25 BWPD

ALSTON #4

Date: 6-11-1938

Perf Interval: Open Hole 3190'-3341'

Method: Shot w/185 qts Gelatine Explosive in 3.5" Tin Shell

Result: 4 BO per hour

The **ALSTON #5, ALSTON #6, ALSTON #7, ALSTON #8, CARLSON A #4, CARLSON A #5, Harrison Federal #5, Harrison Federal #6, HENRY #5, HENRY #6, and Henry #8** will all be new drill injectors.

XI. Chemical Analysis of Fresh Water Wells

According to the New Mexico Office of the State Engineer, there are 3 active water wells within 1 mile of the proposed injector locations (Exhibits D1a & b to D15a & b). The closest of the three, CP 00784, is a 4500' deep well drilled as a secondary recovery water supply well. Water was sourced from the Grayburg and San Andres formations. This water supply well, also known as the South Justiss Unit WSW #3 (30-025-32264), is Temporarily Abandoned and no sample was taken. The CARLSON A #5 location is about 0.4 miles from the CP 00784. The second water well, CP 00216, was drilled to 84' MD. It is considered a "shallow water" fresh water well for "Domestic and Livestock use". The third water well, CP 01869, was drilled to 180' MD. It is also considered a "shallow water" fresh water well for "Domestic and Livestock use". FAE II Operating, LLC was unable to get a sample of these wells.

FAE II Operating, LLC was able to get 2 fresh water samples from residential well locations. A map showing their locations relative to the proposed injector locations can be seen in Exhibit E1. The first sample was taken from 31 Buckle Ln (Lat: 32.137172, Long: -103.147540) and is about 1.75 Miles North from the HARRISON FEDERAL #5 location. The second sample was taken from 303 S. Willis Rd (Lat:32.072644, Long: -103.140920) and is about 1.5 Miles South from the HENRY #3 location. Their analyses can be seen in Exhibits E4 and E5 respectively. The entire analysis report covers exhibit E2-E11.

A produced water sample of similar water that will be injected was also taken from the Carlson A Battery (Lat: 32.110152, Long: -103.143242°), and its analysis can be seen in Exhibit E7.

Well 1: CARLSON A #1

XI. Exhibit D1a

Location: Twn 25S Rge 37E Sec 22

Footages: 330 FSL 957 FEL

County: Lea

Location For Office of the State Engineer:

NAD 1983 UTM Zone 13

Easting (X): **674983.359** mtrs

Northing (Y): **3554069.176** mtrs

Water Wells Within 1 Mile Radius

**** 2 Active ****



New Mexico Office of the State Engineer

Water Column/Average Depth to Water

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

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

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

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

(In feet)

POD Number	Code	POD Sub-basin	County	Q 6	Q 4	Q 1	Sec	Tws	Rng	X	Y	Distance	DepthWell	DepthWater	Water Column
CP 00784 POD1		CP	LE	3	4	1	23	25S	37E	675771	3554889*	1136	4500	TA'd	
CP 00216 POD1		CP	LE	2	2	1	22	25S	37E	674353	3555464*	1530	84		

Average Depth to Water: --

Minimum Depth: --

Maximum Depth: --

Record Count: 2

Basin/County Search:

Basin: Capitan

County: Lea

UTM NAD83 Radius Search (in meters):

Easting (X): 674983.359

Northing (Y): 3554069.176

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.

5/19/22 4:59 PM

WATER COLUMN/ AVERAGE DEPTH TO WATER

Well 1: CARLSON A #1

XI. Exhibit D1b

Location: Twn 25S Rge 37E Sec 22

Footages: 330 FSL 957 FEL

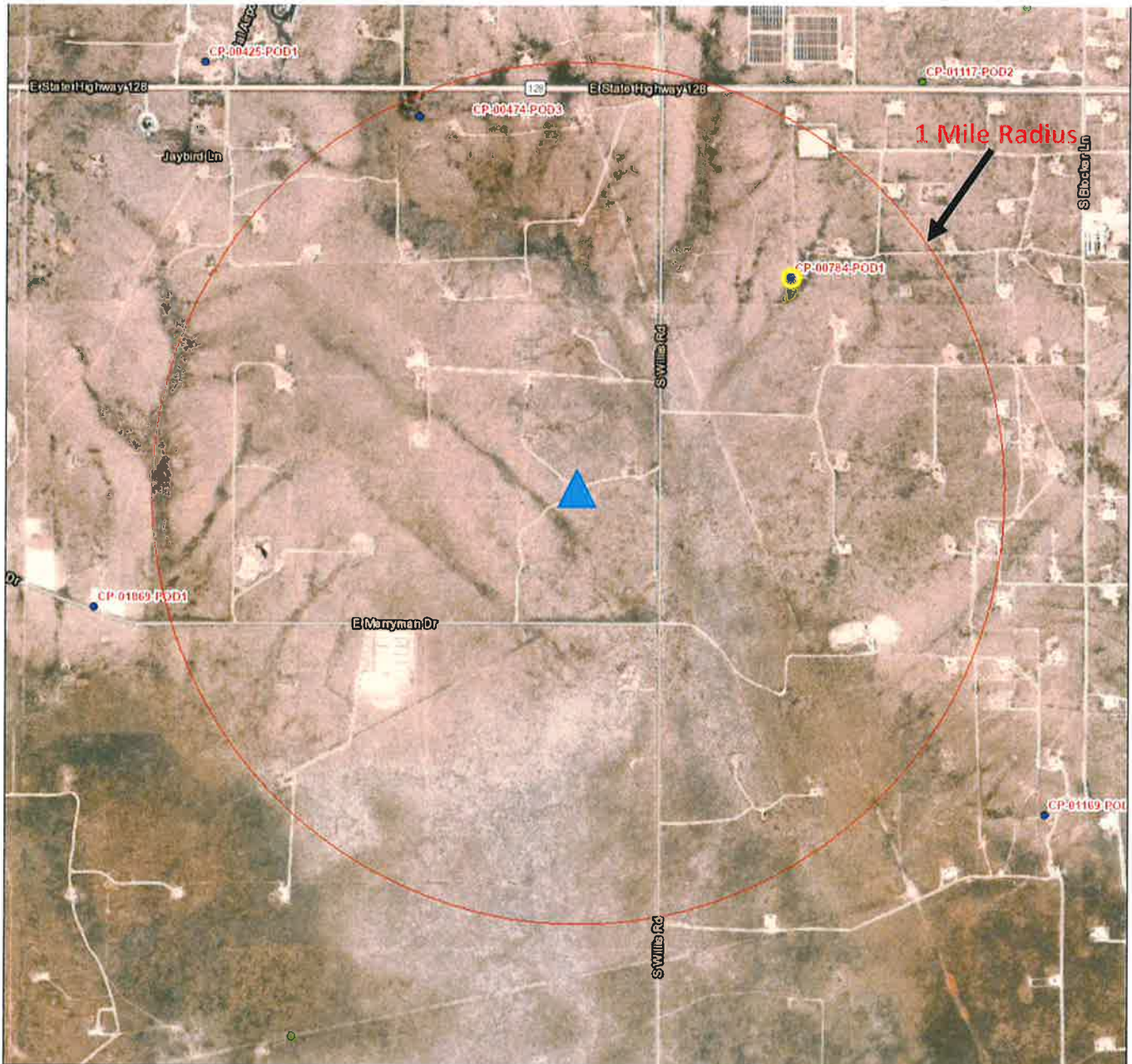
County: Lea

Location For Office of the State Engineer:

NAD 1983 UTM Zone 13

Easting (X): **674983.359** mtrs

Northing (Y): **3554069.176** mtrs



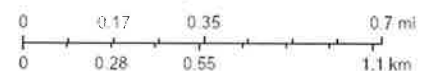
5/19/2022, 5:56:54 PM

▲ C-108 Injector

GIS WATERS PODs

- Active
- Pending
- ▭ Site Boundaries

1:18,056



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Well 2: HARRISON #1

XI. Exhibit D2a

Location: Twn 25S Rge 37E Sec 23

Footages: 330 FSL 360 FWL

County: Lea

Location For Office of the State Engineer:

NAD 1983 UTM Zone 13

Easting (X): 675385.730 mtrs

Northing (Y): 3554080.426 mtrs

Water Wells Within 1 Mile Radius

**** 1 Active****



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

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

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

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

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

(in feet)

POD Number	Code	POD Sub-basin	County	Q 6	Q 4	Q 1	Sec	Tws	Rng	X	Y	Distance	WellDepth	Average Depth to Water	Water Column
CP00784 POD1		CP	LE	3	4	1	23	25S	37E	675771	3554889*	895	4500	TA'd	

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): 675385.73

Northing (Y): 3554080.426

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.

5/19/22 5:09 PM

WATER COLUMN/ AVERAGE DEPTH TO WATER

Well 2: HARRISON #1

XI. Exhibit D2b

Location: Twn 25S Rge 37E Sec 23

Footages: 330 FSL 360 FWL

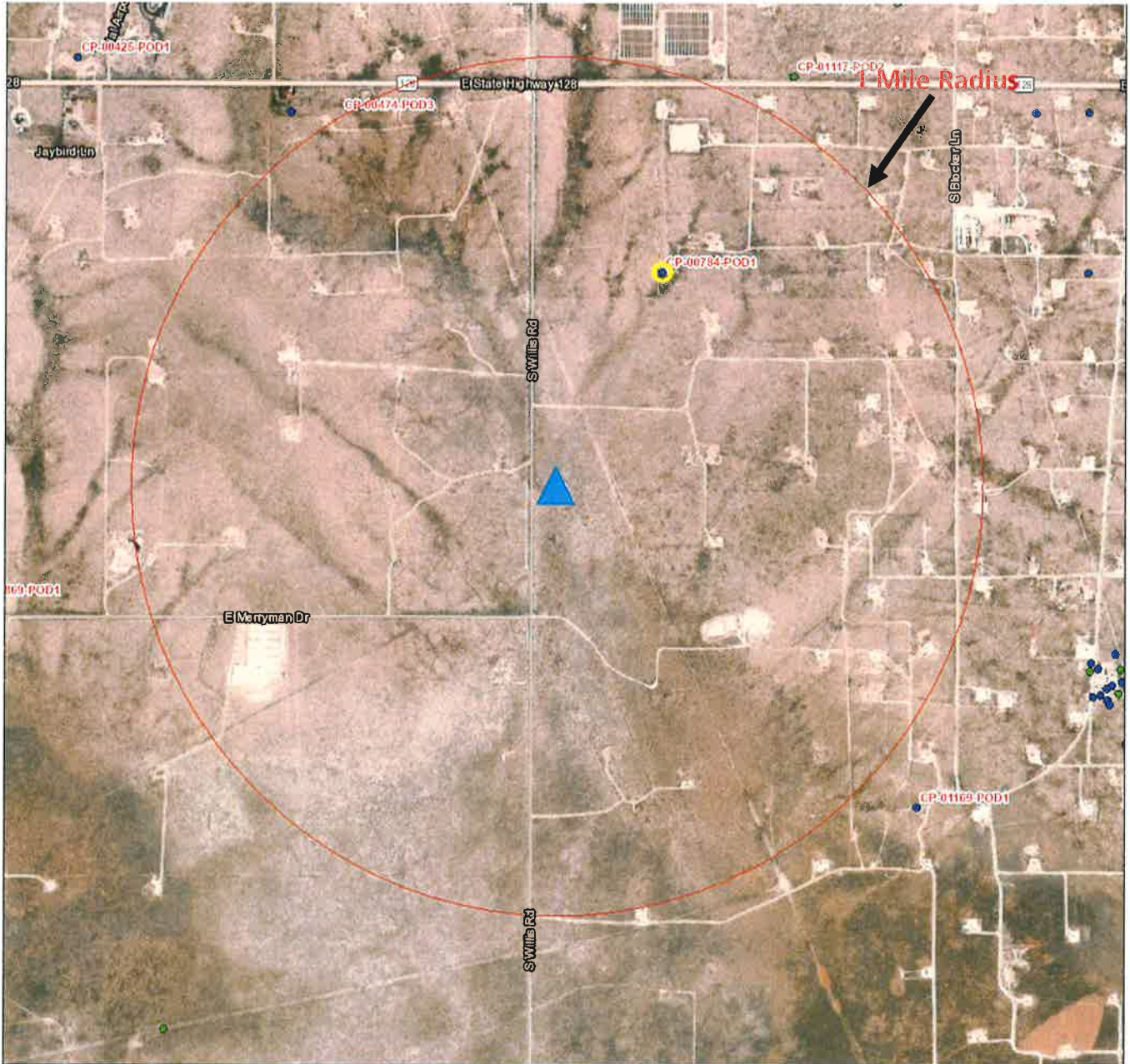
County: Lea

Location For Office of the State Engineer:

NAD 1983 UTM Zone 13

Easting (X): **675385.730** mtrs

Northing (Y): **3554080.426** mtrs



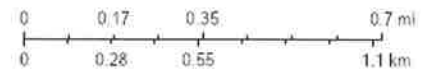
5/19/2022, 6:15:49 PM

GIS WATERS PODs

▲ C-108 Injector

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- ▭ Site Boundaries

1:18,056



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Well 3: HENRY 3

XI. Exhibit D3a

Location: Twn 25S Rge 37E Sec 26

Footages: 336 FSL 342 FWL

County: Lea

Location For Office of the State Engineer:

NAD 1983 UTM Zone 13

Easting (X): 675412.219 mtrs

Northing (Y): 3552468.483 mtrs

Water Wells Within 1 Mile Radius

**** 0 Active ****



New Mexico Office of the State Engineer

Water Column/Average Depth to Water

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

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

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

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

(In feet)

POD Number	Code	POD Sub-basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Distance	DepthWell	DepthWater	Water Column
CP 01169 POD1		CP	LE	2	4	26	25S	37E		676770	3552902	1425	30		DRY
CP 01097 POD1		CP	LE	1	1	34	25S	37E		673944	3552022	1534	109		PLUGGED

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

Record Count: 2

Basin/County Search:

Basin: Capitan

County: Lea

UTM NAD83 Radius Search (in meters):

Easting (X): 675412.219

Northing (Y): 3552468.483

Radius: 1609.3

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

5/19/22 5:24 PM

WATER COLUMN/AVERAGE DEPTH TO WATER

Well 3: HENRY 3

XI. Exhibit D3b

Location: TwN 25S Rge 37E Sec 26

Footages: 336 FSL 342 FWL

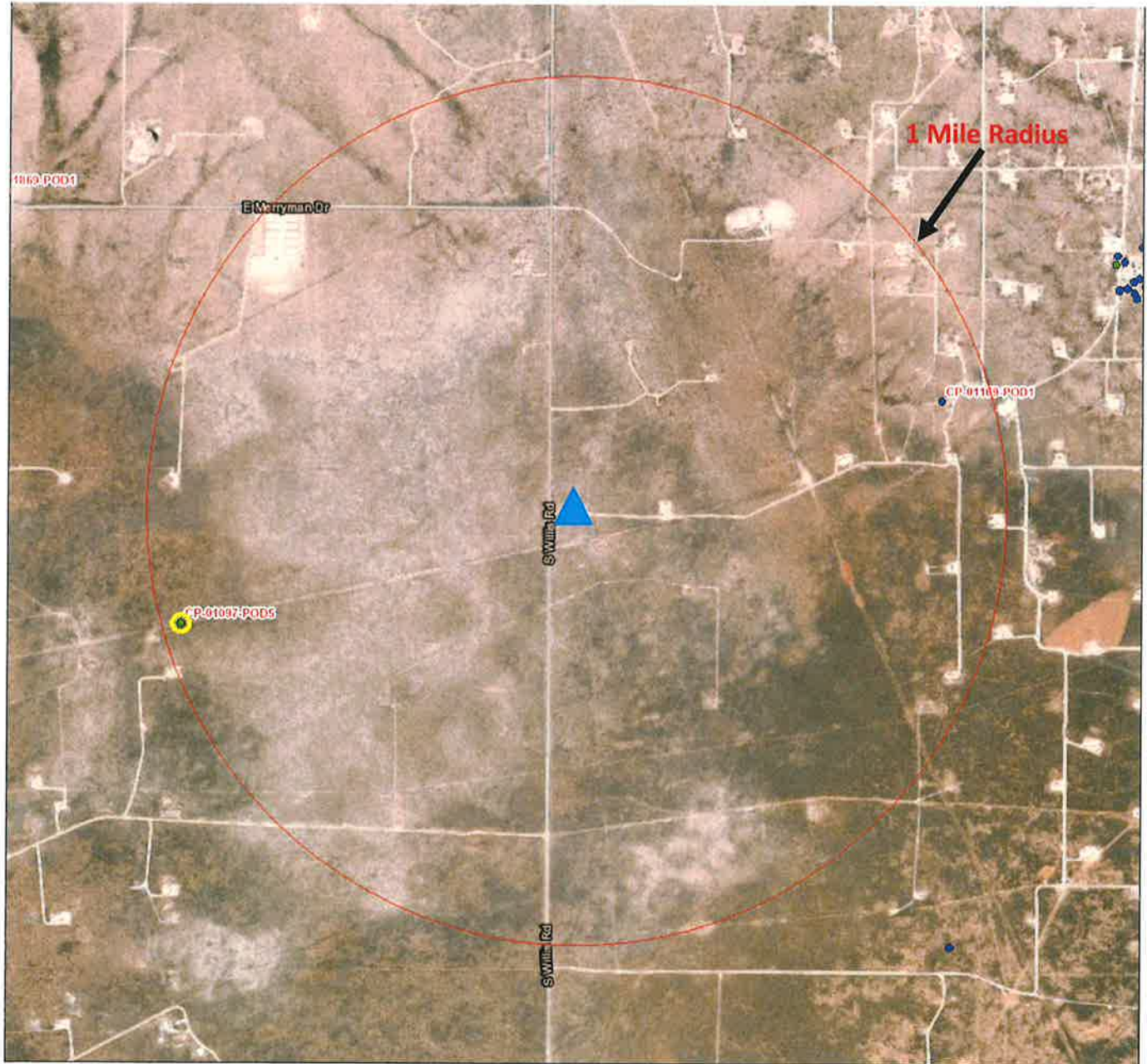
County: Lea

Location For Office of the State Engineer:

NAD 1983 UTM Zone 13

Easting (X): 675412.219 mtrs

Northing (Y): 3552468.483 mtrs

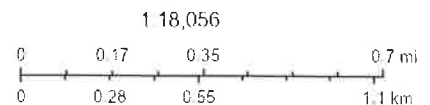


5/19/2022, 6:26:14 PM

GIS WATERS PODs

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- Active
- Pending
- Site Boundaries



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Well 4: ALSTON 4

XI. Exhibit D4a

Location: Twn 25S Rge 37E Sec 26

Footages: 2311 FNL 1665 FWL

County: Lea

Location For Office of the State Engineer:

NAD 1983 UTM Zone 13

Easting (X): **675800.606** mtrs

Northing (Y): **3553282.210** mtrs

Water Wells Within 1 Mile Radius

**** 1 Active****



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

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

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

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

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

(In feet)

POD Number	Code	POD Sub-basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Distance	DepthWell	DepthWater	Water Column
CP 01169 POD1		CP	LE	2	4	26	25S	37E		676770	3552902	1041	30		DRY
CP 00784 POD1		CP	LE	3	4	1 23	25S	37E		675771	3554889*	1607	4500		TA'd

Average Depth to Water: --

Minimum Depth: --

Maximum Depth: --

Record Count: 2

Basin/County Search:

Basin: Capitan

County: Lea

UTM NAD83 Radius Search (in meters):

Easting (X): 675800.606

Northing (Y): 3553282.21

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.

5/24/22 9 53 AM

WATER COLUMN/AVERAGE DEPTH TO WATER

Well 4: ALSTON 4

XI. Exhibit D4b

Location: Twn 25S Rge 37E Sec 26

Footages: 2311 FNL 1665 FWL

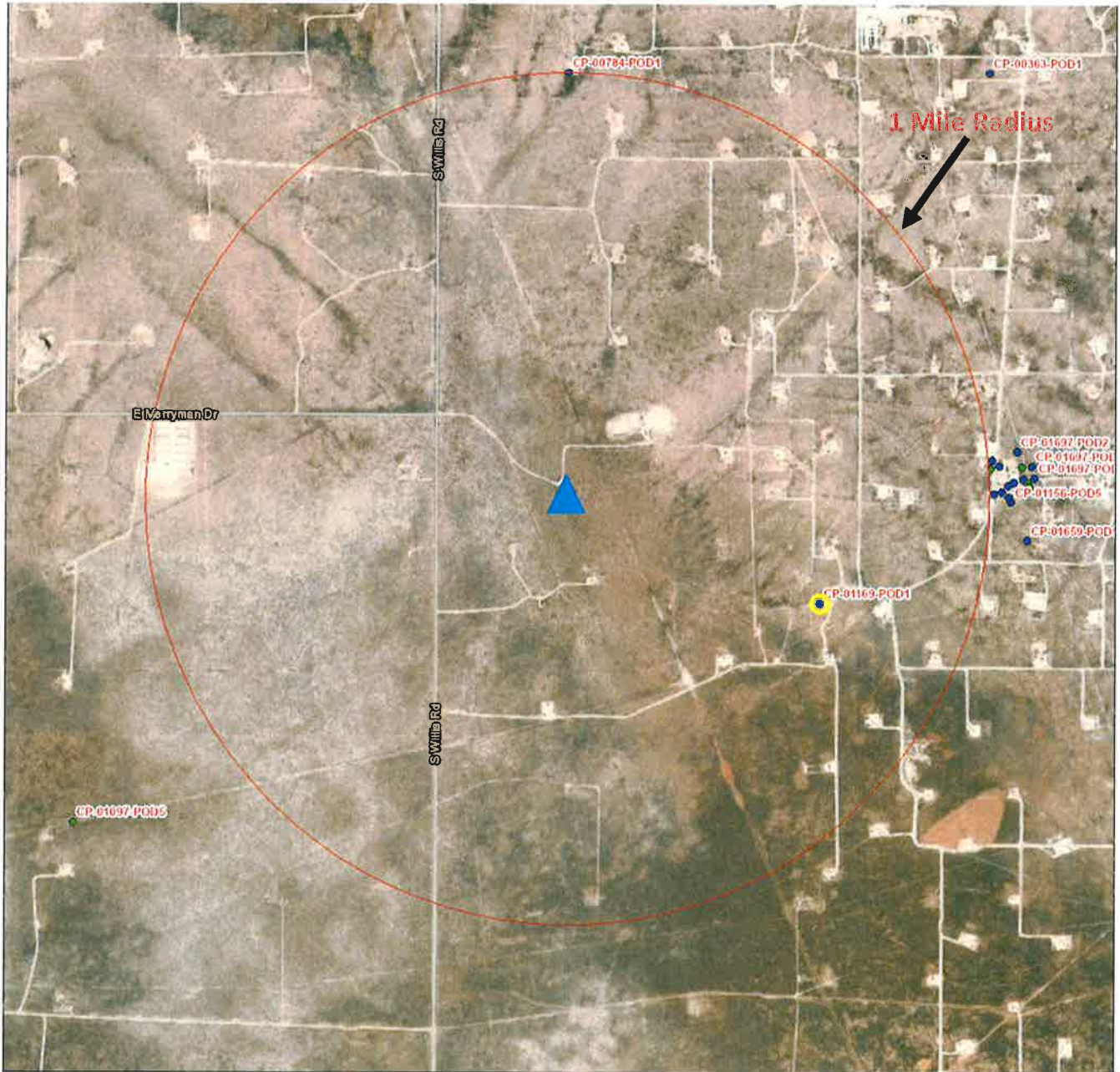
County: Lea

Location For Office of the State Engineer:

NAD 1983 UTM Zone 13

Easting (X): **675800.606** mtrs

Northing (Y): **3553282.210** mtrs

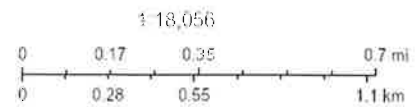


5/24/2022, 10:49:36 AM

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GIS WATERS PODs

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- ▭ Site Boundaries



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Well 5: ALSTON 5

XI. Exhibit D5a

Location: Twn 25S Rge 37E Sec 27

Footages: 962 FNL 336 FEL

County: Lea

Location For Office of the State Engineer:

NAD 1983 UTM Zone 13

Easting (X): 675179.455 mtrs

Northing (Y): 3553682.937 mtrs

Water Wells Within 1 Mile Radius

**** 1 Active****



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

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

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

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

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

(In feet)

POD Number	Code	POD Sub-basin	County	Q	Q	Q	Sec	Tws	Rng	X	Y	Distance	Depth Well	Depth Water	Water Column
CP 00784 POD1		CP	LE	3	4	1	23	25S	37E	675771	3554889*	1343	4500		TA'd

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): 675179.455

Northing (Y): 3553682.937

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.

5/24/22 9:59 AM

WATER COLUMN/ AVERAGE DEPTH TO WATER

Well 5: ALSTON 5

XI. Exhibit D5b

Location: Twn 25S Rge 37E Sec 27

Footages: 962 FNL 336 FEL

County: Lea

Location For Office of the State Engineer:

NAD 1983 UTM Zone 13

Easting (X): **675179.455** mtrs

Northing (Y): **3553682.937** mtrs

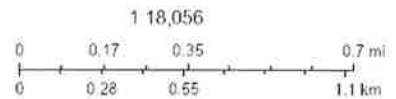


5/24/2022, 10:58:09 AM

GIS WATERS PODs

▲ C-108 Injector

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- Site Boundaries



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Well 6: ALSTON 6

XI. Exhibit D6a

Location: Twn 25S Rge 37E Sec 26

Footages: 137 FNL 1210 FWL

County: Lea

Location For Office of the State Engineer:

NAD 1983 UTM Zone 13

Easting (X): **675647.336** mtrs

Northing (Y): **3553942.197** mtrs

Water Wells Within 1 Mile Radius

**** 1 Active****



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

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

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

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

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

(In feet)

POD Number	Code	POD Sub-basin	County	Q 6	Q 4	Q 1	Sec 23	Tws 25S	Rng 37E	X	Y	Distance	DepthWell	DepthWater	Water Column
CP00784 POD1		CP	LE	3	4	1	23	25S	37E	675771	3554889*	954	4500		TA'd
CP01169 POD1		CP	LE	2	4	26	25S	37E	37E	676770	3552902	1530	30		DRY

Average Depth to Water: --

Minimum Depth: --

Maximum Depth: --

Record Count: 2

Basin/County Search:

Basin: Capitan

County: Lea

UTMNAD83 Radius Search (in meters):

Easting (X): 675647.336

Northing (Y): 3553942.197

Radius: 1609.3

*UTM location was derived from PLSS - see Help

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5/24/22 10:04 AM

WATER COLUMN/AVERAGE DEPTH TO WATER

Well 6: ALSTON 6

XI. Exhibit D6b

Location: Twn 25S Rge 37E Sec 26

Footages: 137 FNL 1210 FWL

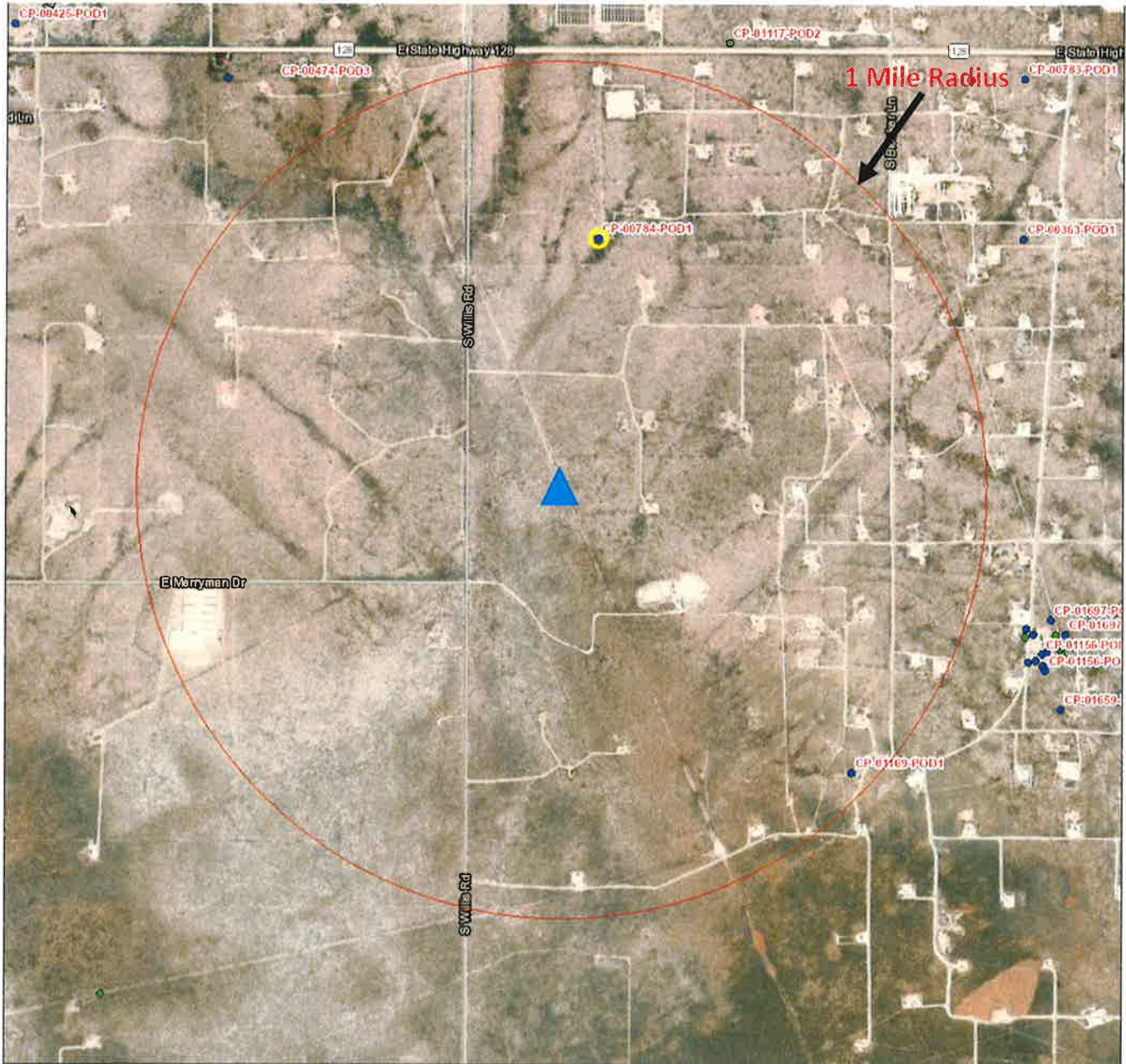
County: Lea

Location For Office of the State Engineer:

NAD 1983 UTM Zone 13

Easting (X): **675647.336** mtrs

Northing (Y): **3553942.197** mtrs

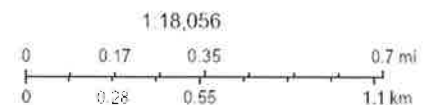


5/24/2022, 11:04:20 AM

GIS WATERS PODs

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Well 7: ALSTON 7

XI. Exhibit D7a

Location: Twn 25S Rge 37E Sec 26

Footages: 1174 FNL 960 FWL

County: Lea

Location For Office of the State Engineer:

NAD 1983 UTM Zone 13

Easting (X): 675578.234 mtrs

Northing (Y): 3553624.947 mtrs

Water Wells Within 1 Mile Radius

**** 1 Active ****



New Mexico Office of the State Engineer

Water Column/Average Depth to Water

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

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

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

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

(In feet)

POD Number	Code	POD Sub-basin	County	Q 6	Q 4	Q 1	Q 2	Sec	Tws	Rng	X	Y	Distance	Depth Well	Depth Water	Water Column
CP00784 POD1		CP	LE	3	4	1	23	25S	37E		675771	3554889*	1278	4500		TA'd
CP01169 POD1		CP	LE		2	4	26	25S	37E		676770	3552902	1394	30		DRY

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

Record Count: 2

Basin/County Search:

Basin: Capitan

County: Lea

UTM NAD83 Radius Search (in meters):

Easting (X): 675578.234

Northing (Y): 3553624.947

Radius: 1609.3

*UTM location was derived from PLSS - see Help

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5/24/22 12:47 PM

WATER COLUMN/AVERAGE DEPTH TO WATER

Well 7: ALSTON 7

XI. Exhibit D7b

Location: Twn 25S Rge 37E Sec 26

Footages: 1174 FNL 960 FWL

County: Lea

Location For Office of the State Engineer:

NAD 1983 UTM Zone 13

Easting (X): **675578.234** mtrs

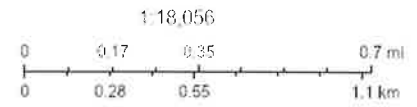
Northing (Y): **3553624.947** mtrs



5/24/2022, 1:46:48 PM
GIS WATERS PODs

▲ C-108 Injector

- Active
- Pending
- ▭ Site Boundaries



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Well 8: ALSTON 8

XI. Exhibit D8a

Location: Twn 25S Rge 37E Sec 26

Footages: 2360 FNL 212 FWL

County: Lea

Location For Office of the State Engineer:

NAD 1983 UTM Zone 13

Easting (X): 675358.346 mtrs

Northing (Y): 3553259.956 mtrs

Water Wells Within 1 Mile Radius

**** 0 Active ****



New Mexico Office of the State Engineer

Water Column/Average Depth to Water

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

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

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

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

(In feet)

POD Number	Code	POD Sub-basin	County	Q 6	Q 4	Q 2	Q 1	Sec	Tws	Rng	X	Y	Distance	DepthWell	DepthWater	Water Column
CP 01169 POD1		CP	LE	2	4	26	25S	37E			676770	3552902	1456	30		DRY

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): 675358.346

Northing (Y): 3553259.956

Radius: 1609.3

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

5/24/22 12:52 PM

WATER COLUMN/AVERAGE DEPTH TO WATER

Well 8: ALSTON 8

XI. Exhibit D8b

Location: Twn 25S Rge 37E Sec 26

Footages: 2360 FNL 212 FWL

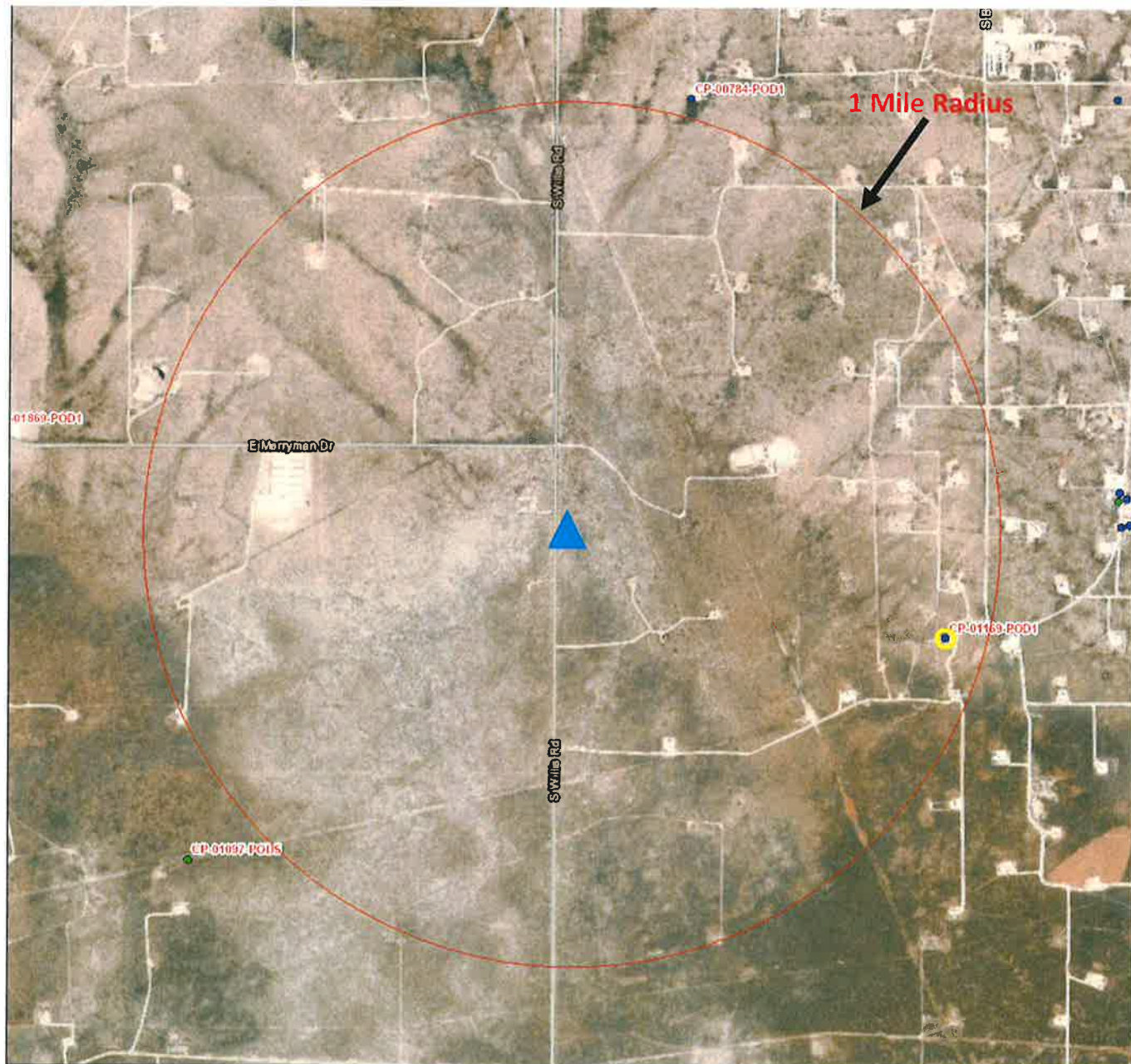
County: Lea

Location For Office of the State Engineer:

NAD 1983 UTM Zone 13

Easting (X): 675358.346 mtrs

Northing (Y): 3553259.956 mtrs

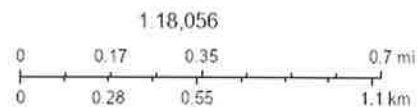


5/24/2022, 1:53:47 PM

GIS WATERS PODs

▲ C-108 Injector

- Active
- Pending
- ▭ Site Boundaries



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Well 9: CARLSON A #4

XI. Exhibit D9a

Location: Twn 25S Rge 37E Sec 22

Footages: 255 FSL 2325 FEL

County: Lea

Location For Office of the State Engineer:

NAD 1983 UTM Zone 13

Easting (X): **674567.789** mtrs

Northing (Y): **3554043.520** mtrs

Water Wells Within 1 Mile Radius

**** 3 Active****



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

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

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

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

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

(In feet)

POD Number	Code	POD Sub-basin	County	Q 6	Q 4	Q 1	Q 2	Sec	Tws	Rng	X	Y	Distance	Depth Well	Depth Water	Water Column
CP 00216 POD1		CP	LE	2	2	1	22	25S	37E		674353	3555464*	1436	84		
CP 01869 POD1		CP	LE	4	1	2	28	25S	37E		673166	3553610	1467	180	115	65
CP 00784 POD1		CP	LE	3	4	1	23	25S	37E		675771	3554889*	1470	4500		TA'd

Average Depth to Water: **115 feet**

Minimum Depth: **115 feet**

Maximum Depth: **115 feet**

Record Count: 3

Basin/County Search:

Basin: Capitan

County: Lea

UTM NAD83 Radius Search (in meters):

Easting (X): 674567.789

Northing (Y): 3554043.52

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.

5/24/22 12:59 PM

WATER COLUMN/AVERAGE DEPTH TO WATER

Well 9: CARLSON A #4

XI. Exhibit D9b

Location: Twn 25S Rge 37E Sec 22

Footages: 255 FSL 2325 FEL

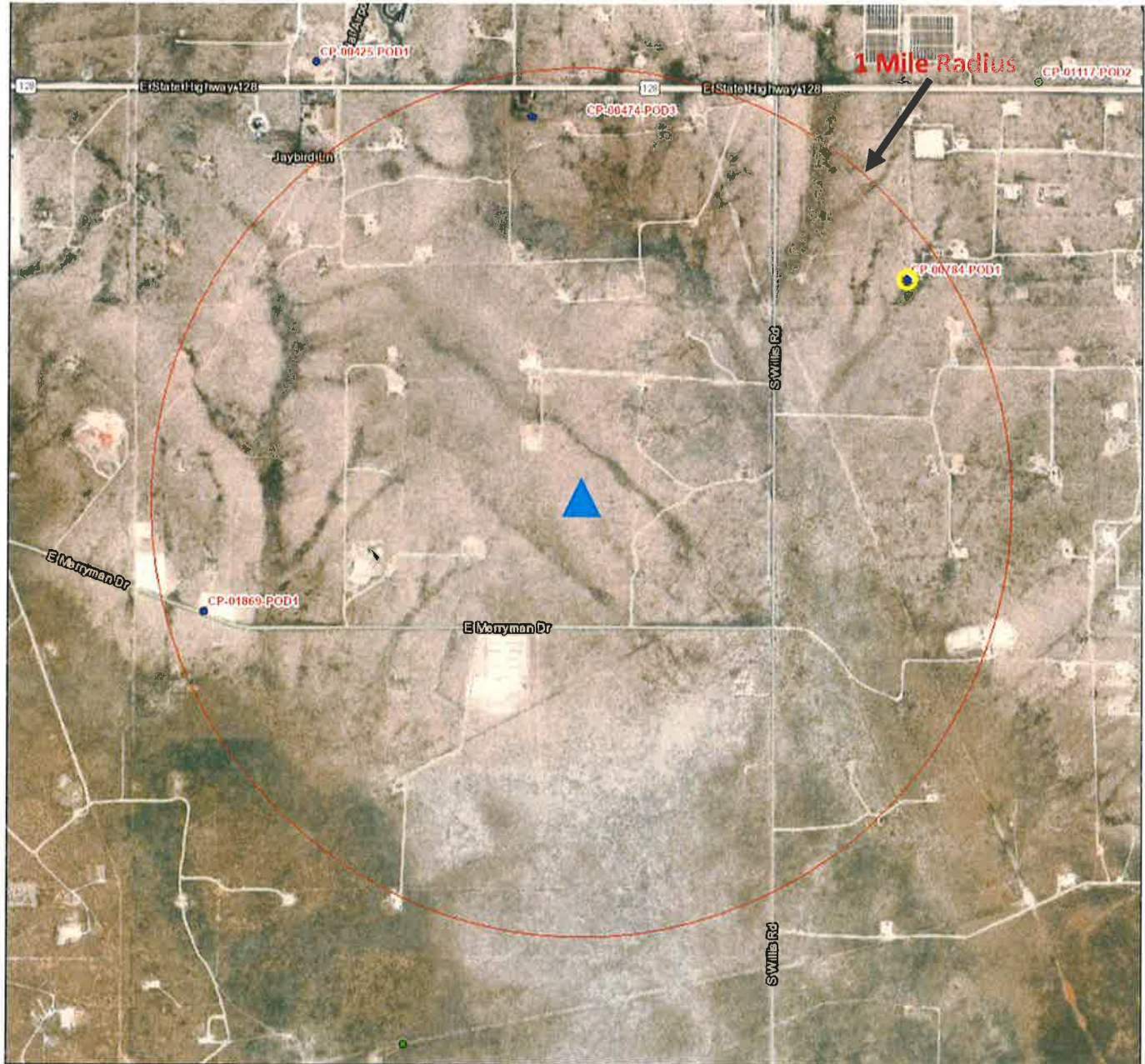
County: Lea

Location For Office of the State Engineer:

NAD 1983 UTM Zone 13

Easting (X): **674567.789** mtrs

Northing (Y): **3554043.520** mtrs



5/24/2022, 2:01:20 PM

GIS WATERS PODs

▲ C-108 Injector

- Active
- Pending
- ▭ Site Boundaries

1:18,056



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Well 10: CARLSON A #5

XI. Exhibit D10a

Location: Twn 25S Rge 37E Sec 23

Footages: 1365 FSL 330 FWL

County: Lea

Location For Office of the State Engineer:

NAD 1983 UTM Zone 13

Easting (X): **675367.859** mtrs

Northing (Y): **3554395.526** mtrs

Water Wells Within 1 Mile Radius

**** 2 Active ****



New Mexico Office of the State Engineer

Water Column/Average Depth to Water

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

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

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

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

(In feet)

POD Number	Code	POD Sub-basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Distance	Depth Well	Depth Water	Water Column
CP00784 POD1	CP	LE	3	4	1	23	25S	37E	675771	3554889*	637	4500	TA'd		
CP00216 POD1	CP	LE	2	2	1	22	25S	37E	674353	3555464*	1473	84			

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

Record Count: 2

Basin/County Search:

Basin: Capitan

County: Lea

UTMNAD83 Radius Search (in meters):

Easting (X): 675367.859

Northing (Y): 3554395.526

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.

5/24/22 1:07 PM

WATER COLUMN AVERAGE DEPTH TO WATER

Well 10: CARLSON A #5

XI. Exhibit D10b

Location: Twn 25S Rge 37E Sec 23

Footages: 1365 FSL 330 FWL

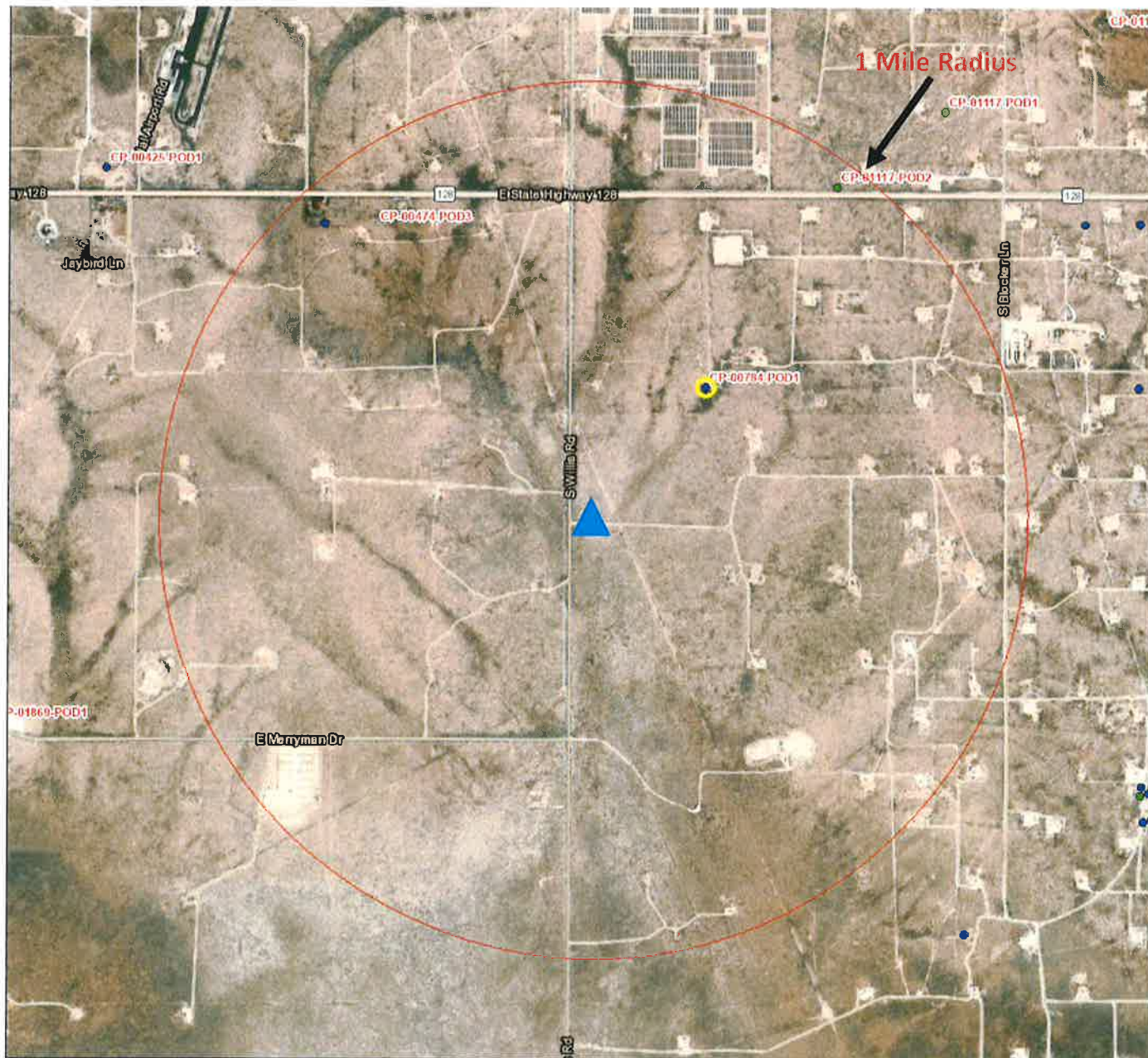
County: Lea

Location For Office of the State Engineer:

NAD 1983 UTM Zone 13

Easting (X): **675367.859** mtrs

Northing (Y): **3554395.526** mtrs

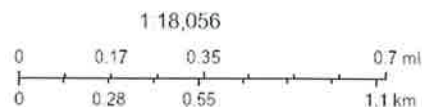


5/24/2022, 2:08:48 PM

GIS WATERS PODs

▲ C-108 Injector

- Active
- Pending
- ▭ Site Boundaries



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Well 11: Harrison Federal #5
 Location: Twn 25S Rge 37E Sec 22
 Footages: 1415 FSL 2375 FEL
 County: Lea

XI. Exhibit D11a

Location For Office of the State Engineer:
 NAD 1983 UTM Zone 13
 Easting (X): **674546.358** mtrs
 Northing (Y): **3554396.818** mtrs

Water Wells Within 1 Mile Radius

**** 3 Active ****



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

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

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

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

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

(In feet)

POD Number	Code	POD Sub-basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Distance	Depth Well	Depth Water	Water Column
CP 00216 POD1		CP	LE	2	2	1	22	25S	37E	674353	3555464*	1084	84		
CP 00784 POD1		CP	LE	3	4	1	23	25S	37E	675771	3554889*	1319	4500		TA'd
CP 01869 POD1		CP	LE	4	1	2	28	25S	37E	673166	3553610	1588	180	115	65
CP 00425 POD1	No Longer Being Used?	CP	LE	4	4	4	16	25S	37E	673541	3555653*	1608	500	250	250

Average Depth to Water: **182 feet**
 Minimum Depth: **115 feet**
 Maximum Depth: **250 feet**

Record Count: 4

Basin/County Search:

Basin: Capitan County: Lea

UTM NAD83 Radius Search (in meters):

Easting (X): 674546.358 Northing (Y): 3554396.818 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.

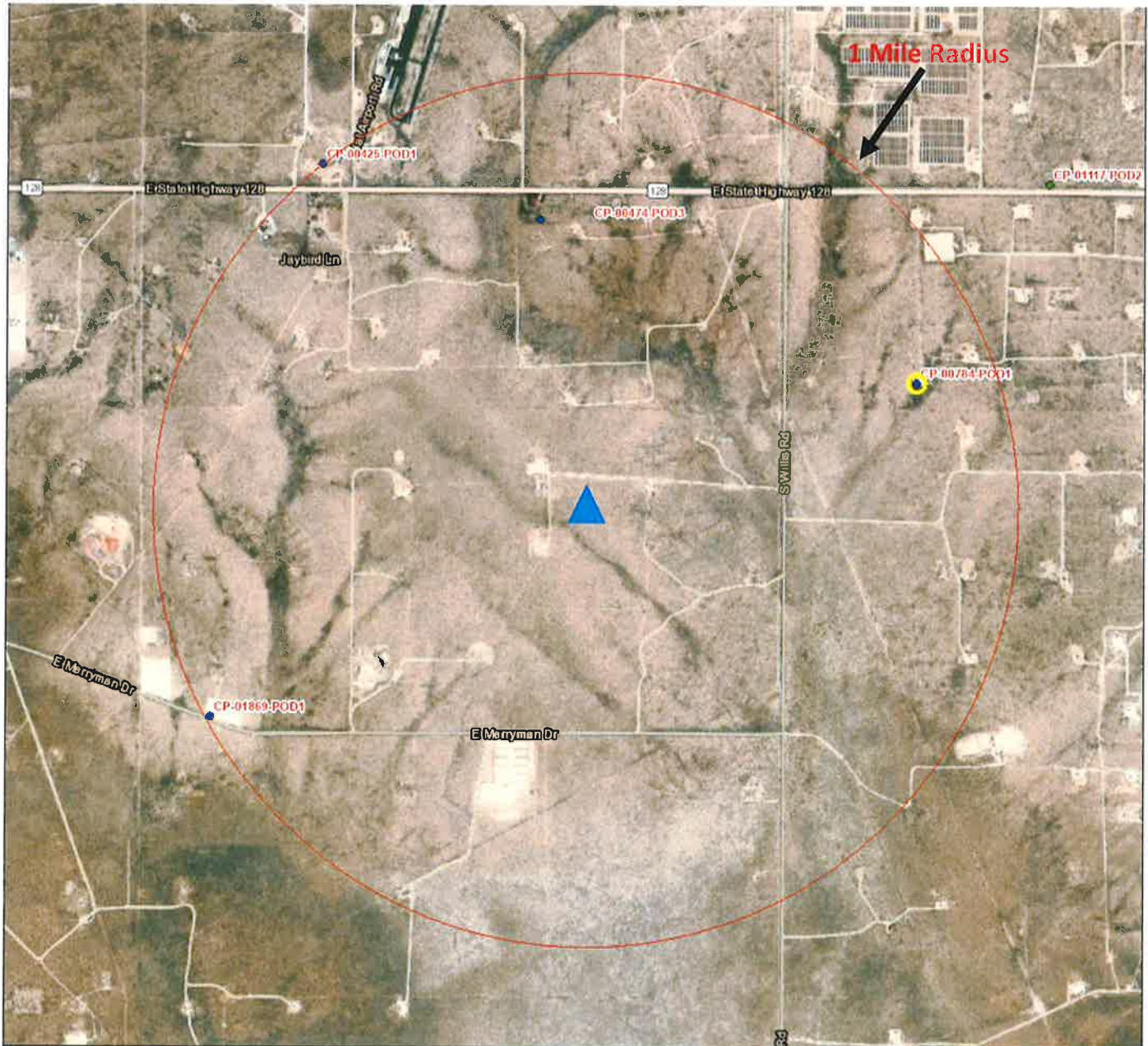
5/24/22 1:13 PM

WATER COLUMN/ AVERAGE DEPTH TO WATER

Well 11: Harrison Federal #5
Location: Twn 25S Rge 37E Sec 22
Footages: 1415 FSL 2375 FEL
County: Lea

XI. Exhibit D11b

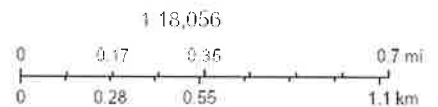
Location For Office of the State Engineer:
NAD 1983 UTM Zone 13
Easting (X): **674546.358** mtrs
Northing (Y): **3554396.818** mtrs



5/24/2022, 2:14:45 PM
GIS WATERS PODs

▲ C-108 Injector

- Active
- Pending
- Site Boundaries



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Well 12: Harrison Federal #6

XI. Exhibit D12a

Location: Twn 25S Rge 37E Sec 22

Footages: 1355 FSL 950 FEL

County: Lea

Location For Office of the State Engineer:

NAD 1983 UTM Zone 13

Easting (X): 674980.900 mtrs

Northing (Y): 3554385.956 mtrs

Water Wells Within 1 Mile Radius

** 2 Active**



New Mexico Office of the State Engineer

Water Column/Average Depth to Water

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

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

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

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

(In feet)

POD Number	Code	POD Sub-basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Distance	DepthWell	DepthWater	Water Column
CP00784 POD1		CP	LE	3	4	1	23	25S	37E	675771	3554889*	936	4500		TA'd
CP00216 POD1		CP	LE	2	2	1	22	25S	37E	674353	3555464*	1247	84		

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

Record Count: 2

Basin/County Search:

Basin: Capitan

County: Lea

UTM/NAD83 Radius Search (in meters):

Easting (X): 674980.9

Northing (Y): 3554385.956

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.

5/24/22 1:20 PM

WATER COLUMN/AVERAGE DEPTH TO WATER

Well 12: Harrison Federal #6

XI. Exhibit D12b

Location: Twn 25S Rge 37E Sec 22

Footages: 1355 FSL 950 FEL

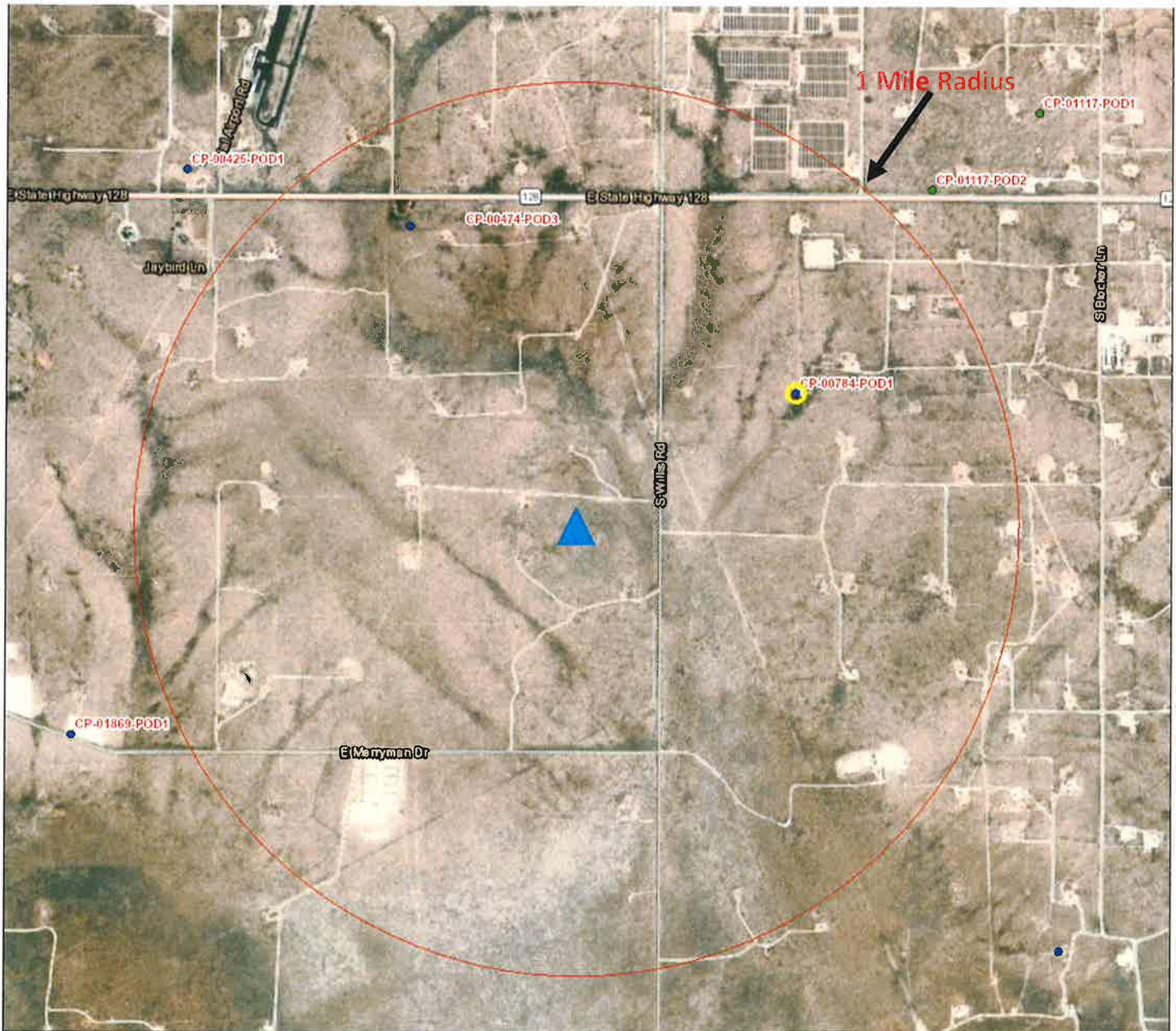
County: Lea

Location For Office of the State Engineer:

NAD 1983 UTM Zone 13

Easting (X): 674980.900 mtrs

Northing (Y): 3554385.956 mtrs



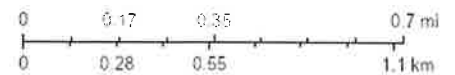
5/24/2022, 2:20 15 PM

GIS WATERS PODs

- Active
- Pending
- Site Boundaries

▲ C-108 Injector

1:18,056



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Well 13: HENRY #5

XI. Exhibit D13a

Location: Twn 25S Rge 37E Sec 26

Footages: 1709 FSL 212 FWL

County: Lea

Location For Office of the State Engineer:

NAD 1983 UTM Zone 13

Easting (X): 675366.494 mtrs

Northing (Y): 3552890.879 mtrs

Water Wells Within 1 Mile Radius

** 0 Active **



New Mexico Office of the State Engineer

Water Column/Average Depth to Water

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

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

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

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

(In feet)

POD Number	Code	POD Sub-basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Distance	Depth	WellDepth	Water Column
CP 01169 POD1		CP	LE	2	4	26	25S	37E		676770	3552902	1404	30	DRY	

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): 675366.494

Northing (Y): 3552890.879

Radius: 1609.3

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

5/24/22 1:34 PM

WATER COLUMN/AVERAGE DEPTH TO WATER

Well 13: HENRY #5

XI. Exhibit D13b

Location: Twn 25S Rge 37E Sec 26

Footages: 1709 FSL 212 FWL

County: Lea

Location For Office of the State Engineer:

NAD 1983 UTM Zone 13

Easting (X): **675366.494** mtrs

Northing (Y): **3552890.879** mtrs



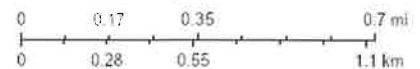
5/24/2022, 2:31:57 PM

GIS WATERS PODs

▲ C-108 Injector

- Active
- Pending
- SiteBoundaries

1:18,056



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Well 14: HENRY #6

XI. Exhibit D14a

Location: Twn 25S Rge 37E Sec 26

Footages: 1562 FSL 1321 FWL

County: Lea

Location For Office of the State Engineer:

NAD 1983 UTM Zone 13

Easting (X): 675705.632 mtrs

Northing (Y): 3552851.603 mtrs

Water Wells Within 1 Mile Radius

** 0 Active **



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

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

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

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

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

(In feet)

Table with columns: POD Number, Code, POD Sub-basin, County, Q Q Q (64 16 4), Sec, Tws, Rng, X, Y, Distance, Depth Well, Depth Water, Water Column. Row 1: CP 01169 POD1, LE, 2 4 26, 25S, 37E, 676770, 3552902, 1066, 30, DRY

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): 675705.632

Northing (Y): 3552851.603

Radius: 1609.3

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

5/24/22 1:37 PM

WATER COLUMN/ AVERAGE DEPTH TO WATER

Well 14: HENRY #6

XI. Exhibit D14b

Location: Twn 25S Rge 37E Sec 26

Footages: 1562 FSL 1321 FWL

County: Lea

Location For Office of the State Engineer:

NAD 1983 UTM Zone 13

Easting (X): **675705.632** mtrs

Northing (Y): **3552851.603** mtrs

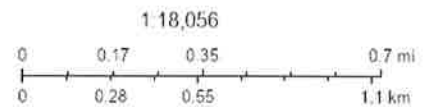


5/24/2022, 2:38:17 PM

GIS WATERS PODs

▲ C-108 Injector

- Active
- Pending
- ▭ Site Boundaries



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Well 15: HENRY #8

XI. Exhibit D15a

Location: Twn 25S Rge 37E Sec 26

Footages: 507 FSL 1555 FWL

County: Lea

Location For Office of the State Engineer:

NAD 1983 UTM Zone 13

Easting (X): 675782.995 mtrs

Northing (Y): 3552531.870 mtrs

Water Wells Within 1 Mile Radius

** 0 Active **



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

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

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

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

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

(In feet)

Table with columns: POD Number, Code, Sub-basin, County, Q Q Q, Sec, Tws, Rng, X, Y, Distance, Depth Well, Depth Water, Water Column. Row 1: CP01169 POD1, CP, LE, 2 4 26, 25S, 37E, 676770, 3552902, 1054, 30, DRY

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): 675782.995

Northing (Y): 3552531.87

Radius: 1609.3

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

5/24/22 1:45 PM

WATER COLUMN/AVERAGE DEPTH TO WATER

Well 15: HENRY #8

XI. Exhibit D15b

Location: Twn 25S Rge 37E Sec 26

Footages: 507 FSL 1555 FWL

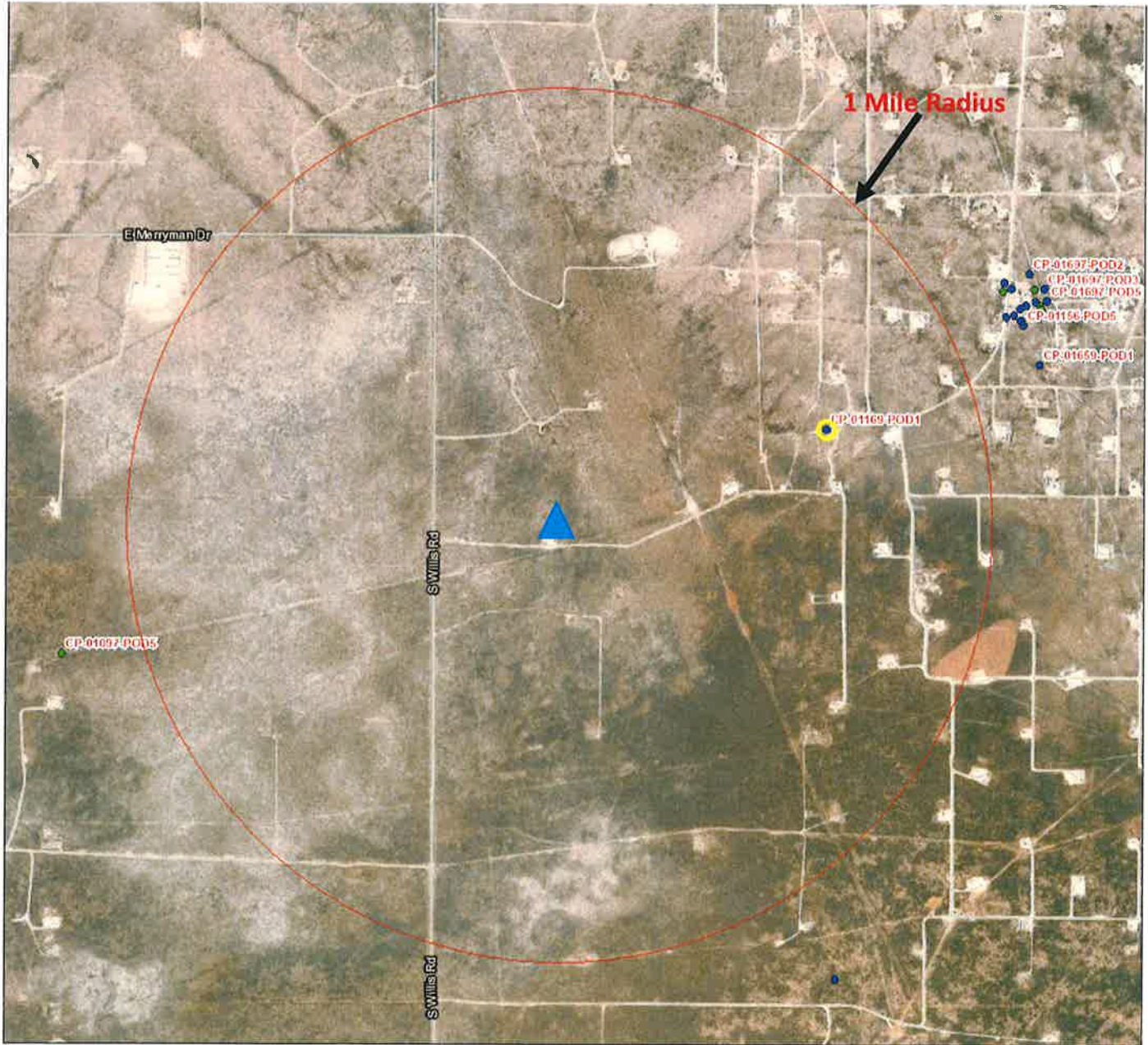
County: Lea

Location For Office of the State Engineer:

NAD 1983 UTM Zone 13

Easting (X): 675782.995 mtrs

Northing (Y): 3552531.870 mtrs



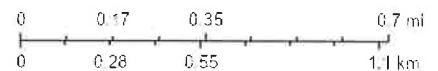
5/24/2022, 2:43:48 PM

GIS WATERS PODs

▲ C-108 Injector

- Active
- Pending
- ▭ Site Boundaries

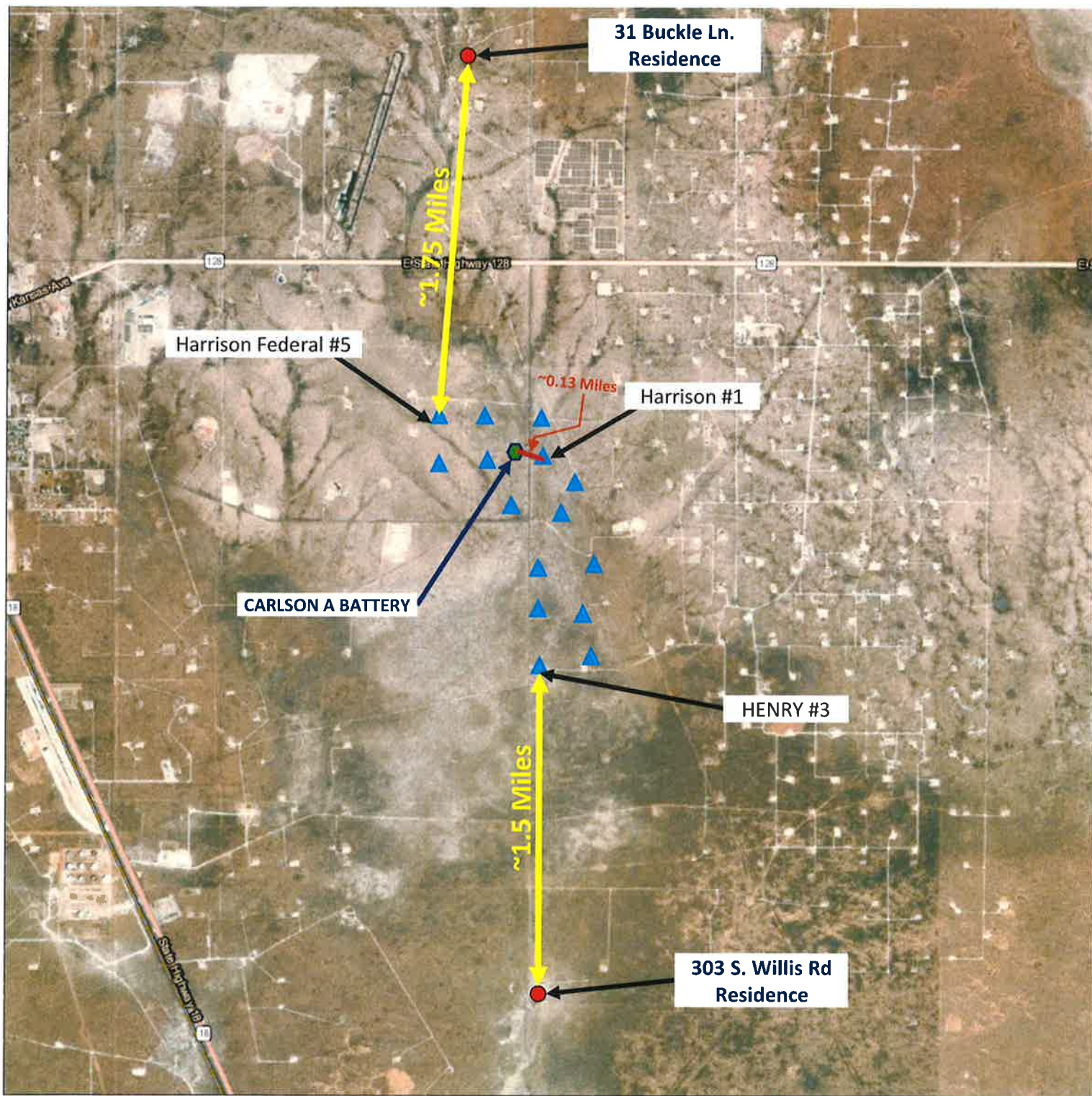
1:18,056



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XI. Exhibit E1

Fresh Water & Injection Water Sample Locations

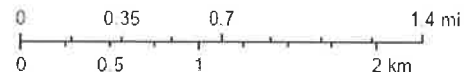


5/26/2022, 1:08:11 PM

SiteBoundaries

C-108 Injector

1:36,112



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XI. Exhibit E2



PHONE (575) 393-2326 • 101 E. MARLAND • HOBBES, MN 56240

October 05, 2021

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

RE: EAST OF JAL

Enclosed are the results of analyses for samples received by the laboratory on 09/29/21 11:40.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704998-21-14. 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/qc/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, V3)

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

Method SM 9223-B	Total Coliform and E. coli (Coliform MFC-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,

Cheryl 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: EAST OF JAL Project Number: NONE GIVEN Project Manager: JAMES MARTINEZ Fax To:	Reported: 05-Oct-21 14:17
--------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------	------------------------------

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
31 BUCKLE LN RESIDENCE- 32.137	H212702-01	Water	28-Sep-21 09:00	29-Sep-21 11:40
303 S. WILLIS RD- MARTIN 32.0726	H212702-02	Water	28-Sep-21 09:30	29-Sep-21 11:40
BT LANHART BAT - PRODUCED	H212702-03	Water	28-Sep-21 10:00	29-Sep-21 11:40
CARLSON A BAT - PRODUCED	H212702-04	Water	28-Sep-21 10:15	29-Sep-21 11:40

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

XI. Exhibit E4



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

Analytical Results For:

FORTY ACRES ENERGY 11777 KATY FREEWAY STE. 305 B HOUSTON TX, 77079	Project: EAST OF JAL Project Number: NONE GIVEN Project Manager: JAMES MARTINEZ Fax To:	Reported: 05-Oct-21 14:17
--------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------	------------------------------

31 BUCKLE LN RESIDENCE- 32.137172-103.147540
H212702-01 (Water)

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

Cardinal Laboratories

Inorganic Compounds

Chloride*	600		4.00	mg/L	1	1092909	AC	29-Sep-21	4500-Cl-B	
TDS*	2660		5.00	mg/L	1	1092310	AC	30-Sep-21	160.1	

31 BUCKLE LANE:
Residential
Water Supply Well

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

XI. Exhibit E5



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

Analytical Results For:

FORTY ACRES ENERGY 11777 KATY FREEWAY STE. 305 B HOUSTON TX, 77079	Project: EAST OF JAL Project Number: NONE GIVEN Project Manager: JAMES MARTINEZ Fax To:	Reported: 05-Oct-21 14:17
--------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------	------------------------------

303 S. WILLIS RD- MARTIN 32.072644-103.140920
H212702-02 (Water)

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

Cardinal Laboratories

Inorganic Compounds

Chloride*	92.0		4.00	mg/L	1	1092909	AC	29-Sep-21	4500-C1-B	
TDS*	684		5.00	mg/L	1	1092310	AC	30-Sep-21	160.1	

303 S. WILLIS RD:
Residential
Water Supply Well

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

XI. Exhibit E6



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: EAST OF JAL Project Number: NONE GIVEN Project Manager: JAMES MARTINEZ Fax To:	Reported: 05-Oct-21 14:17
--------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------	------------------------------

BT LANHART BAT - PRODUCED H212702-03 (Water)

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

Cardinal Laboratories

Inorganic Compounds

Chloride*	91000		4.00	mg/L	1	1092909	AC	29-Sep-21	4500-Cl-B	
TDS*	155000		5.00	mg/L	1	1092907	AC	30-Sep-21	160.1	

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

XI. Exhibit E7



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: EAST OF JAL Project Number: NONE GIVEN Project Manager: JAMES MARTINEZ Fax To:	Reported: 05-Oct-21 14:17
--------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------	------------------------------

CARLSONA BAT - PRODUCED H212702-04 (Water)

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

Inorganic Compounds

Chloride*	15600		4.00	mg/L	1	1092909	AC	29-Sep-21	4500-Cl-B	
TDS*	35800		5.00	mg/L	1	1092907	AC	30-Sep-21	160.1	

**CARLSON A BATTERY:
32.110152°, -103.143242°
Produced Water Sample**

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

XI. Exhibit E8



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: EAST OF JAL Project Number: NONE GIVEN Project Manager: JAMES MARTINEZ Fax To:	Reported: 05-Oct-21 14:17
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Inorganic Compounds - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 1092310 - Filtration

Blank (1092310-BLK1)		Prepared: 23-Sep-21 Analyzed: 27-Sep-21								
TDS	ND	5.00	mg/L							
LCS (1092310-BS1)		Prepared: 23-Sep-21 Analyzed: 27-Sep-21								
TDS	268		mg/L	300		89.3	80-120			
Duplicate (1092310-DUP1)		Source: H212639-04		Prepared: 23-Sep-21 Analyzed: 27-Sep-21						
TDS	920	5.00	mg/L		946			2.79	20	

Batch 1092907 - Filtration

Blank (1092907-BLK1)		Prepared: 29-Sep-21 Analyzed: 04-Oct-21								
TDS	ND	5.00	mg/L							
LCS (1092907-BS1)		Prepared: 29-Sep-21 Analyzed: 30-Sep-21								
TDS	253		mg/L	300		84.3	80-120			
Duplicate (1092907-DUP1)		Source: H212702-03		Prepared: 29-Sep-21 Analyzed: 30-Sep-21						
TDS	152000	5.00	mg/L		155000			1.89	20	

Batch 1092909 - General Prep - Wet Chem

Blank (1092909-BLK1)		Prepared & Analyzed: 29-Sep-21								
Chloride	ND	4.00	mg/L							
LCS (1092909-BS1)		Prepared & Analyzed: 29-Sep-21								
Chloride	96.0	4.00	mg/L	100		96.0	80-120			

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Celey D. Keene, Lab Director/Quality Manager

XI. Exhibit E9



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: EAST OF JAL Project Number: NONE GIVEN Project Manager: JAMES MARTINEZ Fax To:	Reported: 05-Oct-21 14:17
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Inorganic Compounds - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1092909 - General Prep - Wet Chem										
L CSD up (1092909-BSD1)										
Chloride	100	4.00	mg/L	100		100	80-120	4.08	20	Prepared & Analyzed: 29-Sep-21
Duplicate (1092909-DUP1)										
Chloride	60.0	4.00	mg/L		60.0			0.00	20	Source: H212701-01 Prepared & Analyzed: 29-Sep-21
Matrix Spike (1092909-MS1)										
Chloride	160	4.00	mg/L	100	60.0	100	80-120			Source: H212701-01 Prepared & Analyzed: 29-Sep-21

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XI. Exhibit E10



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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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

XI. Exhibit E11



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

BILL TO

ANALYSIS REQUEST

Company Name: Forty Aens Energy P.O. #: _____
 Project Manager: Sam's Mark Company: _____
 Address: _____ Attn: _____
 City: Houston State: TX Zip: _____
 Phone #: 806-420-8278 Fax #: _____
 Project #: _____ Project Owner: _____
 Project Name: East of ID City: _____ State: _____ Zip: _____
 Project Location: _____ Phone #: _____ Fax #: _____

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS	MATRIX	PRESERV	SAMPLING	DATE	TIME	TDS	CL
<u>H213702</u>	1	31 Buette Lane Residence	X	GROUNDWATER			9/28/21	9 AM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	2	303 S. Willis Road - North	X	WASTEWATER			9/28/21	9:30 AM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	3	BT Lankart Bat - Produces	X	SOIL			9/28/21	10 AM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	4	Carson A Bat - Produces	X	OIL			9/28/21	10:55 AM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

PLEASE NOTE: Liability and Damages: Cardinal's liability and client's retention remedy for any claim arising whether caused in whole or in part by the amount paid by the client for the 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 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, or subsidiaries, affiliates, or successors, arising out of or related to the performance of services hereunder by Cardinal. Reproduction of any portion of this report without the written consent of Cardinal Laboratories is prohibited.

Relinquished By: _____ Date: 9/29/21 Received By: [Signature]
 Relinquished By: _____ Date: 9/29/21 Received By: [Signature]

Delivered By: (Circle One) Observed Temp. °C 20.7 Sample Condition Cool Intact Yes No
 Sampler - UPS - Bus - Other: Corrected Temp. °C 20.2 Checked By: TP Turnaround Time: Standard Rush Bacteria (only) Sample Condition Cool Intact Yes No Yes No Corrected Temp. °C 20.2

REMARKS: Sams 2 fa energy u.s. com

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.

OFFSET OPERATORS

BXP Operating, LLC:
11757 KATY FREEWAY
SUITE 475
HOUSTON, TX 77079

LEGACY RESERVES OPERATING, LP:
15 Smith Road
Suite 3000
Midland, TX 79705

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

SURFACE OWNERS

Willis Family Trust
PO Box 307
Jal, NM 88252

FAE II Operating LLC

SUV Queen Pilot
2 1/2 Mile Radius Wells

UWI/API	OPERATOR	WELL LABEL	ID	WELL TYPE	CURRENT ZONE	SPUD DATE	COMP DATE	TOWNSHIP	RANGE	SECTION	FOOTAGE
3002511570000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #16E	5980	OIL	[34220] JUSTIS:BLINEBRY-TUBB-DRINKARD ; (35180) JUSTIS:PADDOCK	5/21/1959	8/14/1959	255	37E	13	1980 FWL 2310 FNL
3002511539000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #01S	5992	OIL	[34220] JUSTIS:BLINEBRY-TUBB-DRINKARD	12/17/1959	6/9/1960	255	37E	13	330 FWL 990 FNL
3002511559000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #01S	6069	OIL	[34220] JUSTIS:BLINEBRY-TUBB-DRINKARD	1/21/1960	4/23/1960	255	37E	13	1650 FWL 990 FNL
3002511561000	J R OIL, LTD. CO.	MCBURFHINGTON 2	3375	GAS	[37240] LANGLE MATTX:7 RWRS-Q-GRAYBURG	6/25/1956	7/10/1955	255	37E	13	660 FWL 660 FSL
3002511563000	ARCH PETROLEUM INC	LEACY MCBURFHINGTON #1	3903	PLUGOIL	PLUGGED	4/28/1936	10/11/1936	255	37E	13	660 FWL 1980 FSL
3002511564000	GULF OIL CORP	LEACY MCBURFHINGTON #2	3370	PLUGOIL	PLUGGED	12/16/1955	1/16/1956	255	37E	13	1650 FWL 2310 FSL
3002511564000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #18	8183	OIL	[34220] JUSTIS:BLINEBRY-TUBB-DRINKARD	9/17/1957	9/17/1957	255	37E	13	1980 FWL 660 FSL
3002511565000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #18	8264	PLUGOIL	PLUGGED	6/12/1957	1/14/1957	255	37E	13	1980 FWL 660 FSL
3002511565000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #017	8300	GAS	[34220] JUSTIS:BLINEBRY-TUBB-DRINKARD	11/16/1957	1/11/1958	255	37E	13	1980 FWL 1650 FSL
3002511567000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #181	7600	OIL	[34220] JUSTIS:BLINEBRY-TUBB-DRINKARD	1/12/1958	4/7/1958	255	37E	13	1980 FWL 330 FSL
3002511568000	J R OIL, LTD. CO.	LEACY MCBURFHINGTON 7	8608	GAS	[79360] JUSTIS:GILOBETTA (PRO GAS)	3/14/1958	9/30/1958	255	37E	13	990 FWL 660 FSL
3002511569000	J R OIL, LTD. CO.	LEACY MCBURFHINGTON 8	7052	OIL	[34770] JUSTIS:FUSSELMOVA ; (35150) JUSTIS:MONTVOA	5/24/1958	11/11/1958	255	37E	13	1980 FWL 330 FSL
3002511570000	OXY USA INC	LEACY MCBURFHINGTON 9	7100	PLUGOIL	PLUGGED	6/28/1958	11/12/1958	255	37E	13	1980 FWL 1650 FSL
3002511571000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #17	7485	OIL	[34220] JUSTIS:BLINEBRY-TUBB-DRINKARD	8/8/1958	12/17/1958	255	37E	13	990 FWL 1650 FSL
3002511572000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #018	8201	OIL	[34220] JUSTIS:BLINEBRY-TUBB-DRINKARD	3/15/1959	6/19/1959	255	37E	13	990 FWL 660 FSL
3002511574000	CIMAREX ENERGY CO. OF COLORADO	CANLSON FEDERAL #1	4660	PLUGGAS	PLUGGED	1/31/1962	3/15/1962	255	37E	13	1650 FWL 1650 FNL
3002511580000	LINN OPERATING, LLC	LANGLE MATTX:QUEEN UNIT #13	3423	PLUGOIL	PLUGGED	10/7/1937	11/16/1937	255	37E	14	660 FWL 660 FNL
3002511810000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #18	5980	OIL	[34220] JUSTIS:BLINEBRY-TUBB-DRINKARD	11/16/1959	2/4/1960	255	37E	14	330 FWL 330 FSL
3002511820000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #18	6000	OIL	[34220] JUSTIS:BLINEBRY-TUBB-DRINKARD	5/25/1960	7/30/1960	255	37E	14	1650 FWL 330 FSL
3002511880000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #17	6020	OIL	[34220] JUSTIS:BLINEBRY-TUBB-DRINKARD	8/2/1959	8/31/1959	255	37E	14	330 FWL 1650 FSL
3002511880000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #17	6020	OIL	[34220] JUSTIS:BLINEBRY-TUBB-DRINKARD	8/25/1961	10/13/1961	255	37E	14	1650 FWL 1650 FSL
3002511880000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #16	6040	OIL	[34220] JUSTIS:BLINEBRY-TUBB-DRINKARD	10/23/1959	12/14/1959	255	37E	14	330 FWL 2310 FNL
3002511880000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #15	6050	OIL	[34220] JUSTIS:BLINEBRY-TUBB-DRINKARD	10/27/1961	1/8/1962	255	37E	14	330 FWL 990 FNL
3002511870000	FAE II Operating LLC	FEDERAL A #2	3400	OIL	[37240] LANGLE MATTX:7 RWRS-Q-GRAYBURG	4/22/1959	5/12/1959	255	37E	14	2310 FWL 430 FNL
3002511588000	FAE II Operating LLC	FEDERAL B 2	3450	GAS	[37240] LANGLE MATTX:7 RWRS-Q-GRAYBURG	11/12/1958	1/29/1959	255	37E	14	330 FWL 1650 FNL
3002511590000	ARCO OIL & GAS CORPORATION	STUART A 1	3395	PLUGOIL	PLUGGED	2/2/1938	3/15/1938	255	37E	14	1650 FWL 330 FNL
3002511591000	FAE II Operating LLC	FEDERAL A #1	3450	OIL	[37240] LANGLE MATTX:7 RWRS-Q-GRAYBURG	5/5/1958	6/5/1958	255	37E	14	330 FWL 560 FNL
3002511591000	FAE II Operating LLC	FEDERAL B 1	3298	GAS	[37240] LANGLE MATTX:7 RWRS-Q-GRAYBURG	6/24/1958	7/31/1958	255	37E	14	1980 FWL 1980 FNL
3002511592000	EL PASO EXPLORATION COMPANY	FED-LANGLEIE 1	4858	PLUGGAS	PLUGGED	2/27/1962	3/30/1962	255	37E	14	660 FWL 2310 FSL
3002511593000	CIMAREX ENERGY CO. OF COLORADO	LANGLE MATTX:QUEEN UNIT #1	4562	PLUGOIL	PLUGGED	10/29/1954	1/9/1955	255	37E	14	660 FWL 1980 FSL
3002511594000	MENIT ENERGY COMPANY, LLC	LANGLE MATTX:QUEEN UNIT #18	3427	PLUGOIL	PLUGGED	4/30/1958	6/10/1958	255	37E	14	330 FWL 1980 FNL
3002511595000	EL PASO NATURAL GAS CO	LANGLE A FEDERAL #2	3270	PLUGOIL	PLUGGED	12/6/1954	1/1/1955	255	37E	14	1980 FWL 1980 FSL
3002511596000	BXP Operating, LLC	LANGLE MATTX:QUEEN UNIT #27	3375	INJECT	[37240] LANGLE MATTX:7 RWRS-Q-GRAYBURG	7/28/1957	8/30/1937	255	37E	14	660 FWL 660 FSL
3002511597000	FAE II Operating LLC	LANGLE MATTX:QUEEN UNIT #21	3418	PLUGOIL	PLUGGED	7/18/1958	9/5/1958	255	37E	14	660 FWL 1980 FSL
3002511598000	BXP Operating, LLC	PATRICHARD 1	2980	GAS	[79240] DALMAT:IAN-YATES-7 RWRS (GAS)	6/18/1956	7/12/1956	255	37E	15	1980 FWL 660 FSL
3002511599000	BXP Operating, LLC	LANGLE MATTX:QUEEN UNIT #20	3395	OIL	[37240] LANGLE MATTX:7 RWRS-Q-GRAYBURG	12/31/1937	2/5/1938	255	37E	15	660 FWL 990 FSL
3002511600000	BXP Operating, LLC	LANGLE MATTX:QUEEN UNIT #24	3375	OIL	[37240] LANGLE MATTX:7 RWRS-Q-GRAYBURG	4/30/1937	6/10/1937	255	37E	15	1650 FWL 330 FSL
3002511601000	BXP Operating, LLC	LANGLE MATTX:QUEEN UNIT #19	3418	INJECT	[37240] LANGLE MATTX:7 RWRS-Q-GRAYBURG	5/23/1937	8/17/1937	255	37E	15	1980 FWL 1980 FSL
3002511602000	SKELLY OIL COMPANY	STUART 1	3416	INJ	PLUGGED	5/3/1936	10/6/1936	255	37E	15	1980 FWL 660 FNL

FAE II Operating LLC

S/U Queen Pilot
2 Mile Radius Wells

30025116930000	FXP Operating, LLC	LANGUE MATIIX QUEEN UNIT #10	3402	OIL	[37240] LANGUE MATIIX-7 RVRS-Q-GRAYBURG	10/13/1936	11/28/1936	255	37E	15	2090 FWL 520 FSL
30025116940000	MOBIL PRODUCING TEXAS & NEW MEXICO INC	LANGUE MATIIX QN U 25	3400	PLUGGIN	PLUGGED	6/23/1937	7/26/1937	255	37E	15	990 FEL 330 FSL
30025116950000	STANLIND OIL	LANGUE FEDERAL 1	3418	PLUGGIN	PLUGGED	8/31/1936	11/30/1936	255	37E	15	1980 FWL 1980 FNL
30025116960000	WILDCAT ENERGY LLC	LANGUE FEDERAL 2	3458	GAS	[79240] JALMATI-TAN-VATES-7 RVRS (GAS)	7/31/1937	9/22/1937	255	37E	15	660 FWL 660 FNL
30025116970000	FXP Operating, LLC	LANGUE MATIIX QUEEN UNIT #11	3390	INJECT	[37240] LANGUE MATIIX-7 RVRS-Q-GRAYBURG	4/21/1936	6/17/1936	255	37E	15	1980 FEL 660 FSL
30025116980000	PRIZE OPERATING COMPANY	LANGUE MATIIX QUEEN UNIT #16	3390	PLUGGIN	PLUGGED	3/7/1937	4/18/1937	255	37E	15	1980 FEL 1980 FNL
30025116990000	FXP Operating, LLC	LANGUE MATIIX QUEEN UNIT #12	3330	OIL	[37240] LANGUE MATIIX-7 RVRS-Q-GRAYBURG	5/31/1937	7/6/1937	255	37E	15	660 FEL 660 FNL
30025116100000	PRIZE OPERATING COMPANY	LANGUE MATIIX QUEEN UNIT #17	3364	PLUGGIN	PLUGGED	2/16/1938	3/19/1938	255	37E	15	660 FEL 660 FNL
30025116200000	OXY USA INC	ARNOTT RAMSAY NCT E 2	3153	PLUGGIN	PLUGGED	1/4/1939	3/10/1940	255	37E	16	1980 FEL 1980 FSL
30025116250000	GULF OIL CORPORATION	ARNOTT RAMSAY NCT E 4	3400	PLUGGIN	PLUGGED	5/1/1933	6/15/1933	255	37E	16	660 FWL 1980 FSL
30025116270000	GULF OIL CORPORATION	ARNOTT RAMSAY NCT E 3	3125	PLUGGIN	PLUGGED	1/8/1951	3/10/1951	255	37E	16	705 FWL 615 FSL
30025116290000	J R OIL, LTD. CO.	STATE O 1	3385	PLUGGIN	PLUGGED	6/8/1933	8/1/1933	255	37E	16	560 FWL 1980 FNL
30025116300000	BETTS BOYE & STOVALL, INC.	STATE O 1	3790	PLUGGIN	PLUGGED	6/27/1935	9/17/1935	255	37E	16	660 FEL 660 FNL
30025116330000	FXP Operating, LLC	LANGUE JAL UNIT #093	3520	INJECT	[37240] LANGUE MATIIX-7 RVRS-Q-GRAYBURG	6/18/1952	7/24/1952	255	37E	17	660 FEL 660 FSL
30025116360000	FXP Operating, LLC	LANGUE JAL UNIT #092	3388	OIL	[37240] LANGUE MATIIX-7 RVRS-Q-GRAYBURG	11/1/1952	11/25/1952	255	37E	17	660 FEL 1980 FSL
30025116590000	TEXAS PACIFIC OIL COMPANY	HARNER 2	3440	PLUGGIN	PLUGGED	5/6/1939	6/24/1939	255	37E	20	1905 FEL 1980 FSL
30025116610000	BETTS BOYE & STOVALL, INC.	JOHNS FEDERAL 1	3412	OIL	[33820] JALMATI-TAN-VATES-7 RVRS (OIL)	8/29/1939	2/8/1940	255	37E	20	660 FEL 660 FSL
30025116640000	BETTS BOYE & STOVALL, INC.	JUSTS BM A 6	3332	TA	[33820] JALMATI-TAN-VATES-7 RVRS (OIL)	11/1/1954	12/25/1954	255	37E	20	330 FEL 2310 FNL
30025116650000	BETTS BOYE & STOVALL, INC.	B M JUSTS A 3	3380	OIL	[33820] JALMATI-TAN-VATES-7 RVRS (OIL)	1/8/1945	10/18/1945	255	37E	20	1980 FEL 990 FNL
30025116680000	BETTS BOYE & STOVALL, INC.	B M JUSTS A #2	3029	PLUGGIN	PLUGGED	7/28/1937	7/28/1937	255	37E	20	660 FEL 1980 FNL
30025116700000	BURLESON PETROLEUM, INC	LEONARD 1	3362	PLUGGIN	PLUGGED	5/6/1936	9/10/1936	255	37E	20	660 FEL 660 FSL
30025116710000	FULLER OIL & CATTLE LLC	LEONARD 2	3620	OIL	[33820] JALMATI-TAN-VATES-7 RVRS (OIL)	11/16/1937	2/7/1938	255	37E	20	660 FEL 1980 FSL
30025116720000	SUN OIL COMPANY	LANEHART 3	8940	PLUGGIN	PLUGGED	5/18/1957	9/8/1957	255	37E	20	330 FEL 330 FSL
30025116730000	TEXAS PACIFIC OIL COMPANY	HARNER 1	3377	PLUGGIN	PLUGGED	12/13/1951	3/23/1952	255	37E	20	1980 FEL 600 FNL
30025116740000	FAE II Operating LLC	A B COATES B 1	3077	OIL	[33820] JALMATI-TAN-VATES-7 RVRS (OIL)	9/18/1936	2/27/1937	255	37E	21	660 FWL 600 FNL
30025116750000	HERMAN L. LOEB LLC	HADFIELD 2	3487	PLUGGIN	PLUGGED	11/7/1948	2/12/1949	255	37E	21	660 FEL 660 FSL
30025116760000	HERMAN L. LOEB LLC	HADFIELD 1	3024	PLUGGIN	PLUGGED	12/9/1946	2/23/1947	255	37E	21	1980 FEL 660 FSL
30025116770000	FAE II Operating LLC	LANEHART 1Y	9029	OIL	[37240] LANGUE MATIIX-7 RVRS-Q-GRAYBURG	1/14/1936	3/28/1936	255	37E	21	810 FWL 660 FSL
30025116780000	BURLESON PETROLEUM, INC	LANEHART #1	2775	PLUGGIN	PLUGGED	1/5/1951	5/21/1951	255	37E	21	660 FWL 660 FSL
30025116790000	BETTS BOYE & STOVALL, INC.	B T LANEHART 5	3143	PLUGGIN	PLUGGED	9/15/1955	12/28/1955	255	37E	21	2310 FEL 2310 FNL
30025116800000	BETTS BOYE & STOVALL, INC.	B T LANEHART 1	3446	PLUGGIN	PLUGGED	1/21/1936	4/28/1936	255	37E	21	1980 FEL 1980 FNL
30025116810000	BETTS BOYE & STOVALL, INC.	B T LANEHART 4	3101	PLUGGIN	PLUGGED	11/14/1937	12/28/1937	255	37E	21	2310 FEL 990 FNL
30025116820000	FAE II Operating LLC	B T LANEHART 3	3091	OIL	[33820] JALMATI-TAN-VATES-7 RVRS (OIL)	3/16/1937	5/11/1937	255	37E	21	1980 FEL 660 FNL
30025116830000	ANDERSON-PRICHARD OIL CORP	CARLSON 2	3020	PLUGGIN	PLUGGED	11/18/1936	3/1/1937	255	37E	21	660 FWL 1980 FNL
30025116840000	HERMAN L. LOEB LLC	LANEHART 3	2928	PLUGGIN	PLUGGED	5/23/1937	10/1/1937	255	37E	21	990 FWL 2310 FSL
30025116850000	BURLESON LEWIS B INCORPORATED	LANEHART 1	3782	PLUGGIN	PLUGGED	7/26/1936	12/22/1936	255	37E	21	990 FEL 2310 FSL
30025116860000	HERMAN L. LOEB LLC	LANEHART 1	3565	PLUGGIN	PLUGGED	5/3/1936	6/21/1936	255	37E	21	1980 FWL 1980 FSL
30025116870000	FAE II Operating, LLC	B T LANEHART 2	2925	OIL	[33820] JALMATI-TAN-VATES-7 RVRS (OIL)	6/8/1936	7/25/1936	255	37E	21	1980 FWL 1980 FNL
30025116880000	LNIN OPERATING, LLC	LANGUE MATIIX QUEEN UNIT #40	3345	PLUGGIN	PLUGGED	4/5/1938	5/3/1938	255	37E	21	1650 FEL 1650 FNL
30025116890000	BXP Operating, LLC	LANGUE MATIIX QUEEN UNIT #34	3380	OIL	[37240] LANGUE MATIIX-7 RVRS-Q-GRAYBURG	2/16/1939	3/17/1939	255	37E	22	990 FEL 1650 FNL
30025116900000	FAE II Operating LLC	Harrison Federal #002	3366	SWD	[37240] LANGUE MATIIX-7 RVRS-Q-GRAYBURG ; [96117] SWD-QUEEN	7/6/1938	7/29/1938	255	37E	22	990 FEL 2310 FSL
30025116910000	ANDERSON-PRICHARD OIL CORP	INDIAN-FEDERAL 1	3007	JNK	PLUGGED	12/1/1951	5/25/1952	255	37E	22	660 FWL 660 FSL
30025116920000	CIMAREX ENERGY CO. OF COLORADO	CARLSON HARRISON FEDERAL COM 1	3074	PLUGGIN	PLUGGED	7/23/1955	9/6/1955	255	37E	22	660 FWL 1980 FSL
30025116930000	BURLESON LEWIS B INCORPORATED	STUART 2	3400	PLUGGIN	PLUGGED	11/13/1956	12/27/1956	255	37E	22	2310 FWL 660 FNL
30025116940000	LNIN OPERATING, LLC.	LANGUE MATIIX QUEEN UNIT #30	3373	PLUGGIN	PLUGGED	2/10/1938	5/10/1938	255	37E	22	990 FEL 330 FNL
30025116950000	BXP Operating, LLC	LANGUE MATIIX QUEEN UNIT #29	3410	OIL	[37240] LANGUE MATIIX-7 RVRS-Q-GRAYBURG	10/14/1936	4/10/1937	255	37E	22	1650 FEL 330 FNL
30025116960000	FAE II Operating LLC	CARLSON A #2	3354	OIL	[37240] LANGUE MATIIX-7 RVRS-Q-GRAYBURG	10/2/1938	11/18/1938	255	37E	22	1650 FEL 990 FNL
30025116970000	FAE II Operating LLC	CARLSON A #1	3327	OIL	[37240] LANGUE MATIIX-7 RVRS-Q-GRAYBURG	9/30/1938	11/2/1938	255	37E	22	937 FEL 330 FSL
30025116980000	FAE II Operating LLC	Harrison Federal #3	3403	OIL	[37240] LANGUE MATIIX-7 RVRS-Q-GRAYBURG	8/15/1938	9/11/1938	255	37E	22	1650 FEL 1650 FSL
30025117000000	PRIZE OPERATING COMPANY	LANGUE MATIIX QUEEN UNIT #31	3361	PLUGGIN	PLUGGED	10/10/1936	11/28/1936	255	37E	23	660 FWL 660 FNL
30025117010000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTS UNIT #22	5965	OIL	[34200] JUSTS-BUNEBRY ; [44220] JUSTS-BUNEBRY-TUBB-DRINKARD	6/5/1959	10/3/1959	255	37E	23	330 FEL 660 FSL
30025117020000	PERMIAN RESOURCES INC	HARRISON #1	3347	PLUGGIN	PLUGGED	2/12/1938	3/10/1938	255	37E	23	330 FSL 360 FWL
30025117030000	ANDERSON-PRICHARD OIL CORP	HARRISON-CARLSON 5	5021	DHSO	PLUGGED	5/7/1943	7/31/1943	255	37E	23	1980 FWL 1980 FSL

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30025117040000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #21	6050	OIL	[34220] JUSTIS;BLUNBERY-TUBB-DRINKARD	4/19/1961	6/19/1961	255	37E	23	330 FWL 1980 FSL
30025117050000	LEGACY RESERVES OPERATING, LP	LANGLE MATTIKX QUEEN UNIT #35	3860	PLUGG	PLUGGED	4/18/1939	5/9/1939	255	37E	23	330 FWL 2310 FNL
30025117060000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #21	6052	OIL	[34220] JUSTIS;BLUNBERY-TUBB-DRINKARD	7/28/1961	9/30/1961	255	37E	23	1650 FWL 1980 FSL
30025117070000	FAE II Operating LLC	CARLSON FEDERAL 2	3314	GAS	[37240] LANGLE MATTIKX;7 RVS-Q-GRAYBURG ; [79240] JALMAI;7AN-VATES-7 RVS (GAS)	9/27/1955	12/8/1955	255	37E	23	1980 FWL 660 FSL
30025117080000	FAE II Operating LLC	CARLSON FEDERAL 3	4279	GAS	[37240] LANGLE MATTIKX;7 RVS-Q-GRAYBURG	9/23/1955	10/29/1955	255	37E	23	660 FEL 1980 FSL
30025117090000	SANTA FE ENERGY RESOURCES INCORPORATED	CARLSON A #3	3345	PLUGOIL	PLUGGED	12/13/1938	1/15/1939	255	37E	23	330 FWL 2310 FNL
30025117100000	FAE II Operating LLC	CARLSON A FEDERAL 1	4877	GAS	[79360] JUSTIS;GLORIFTA (PRO GAS)	3/17/1962	4/29/1962	255	37E	23	660 FEL 990 FSL
30025117110000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #19	5988	OIL	[34220] JUSTIS;BLUNBERY-TUBB-DRINKARD	2/12/1960	5/11/1960	255	37E	23	330 FEL 990 FNL
30025117120000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #20	5984	OIL	[34220] JUSTIS;BLUNBERY-TUBB-DRINKARD	4/11/1960	6/19/1960	255	37E	23	330 FEL 2310 FNL
30025117130000	BURLINGTON RESOURCES OIL & GAS CO	CARLSON #3	3173	PLUGGAS	PLUGGED	5/23/1957	10/5/1957	255	37E	23	660 FEL 660 FSL
30025117140000	LEGACY RESERVES OPERATING, LP	WIMBERLY JH FEDERAL COM #1	9152	PLUGGAS	PLUGGED	6/25/1947	12/12/1947	255	37E	23	660 FEL 1980 FNL
30025117150000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #20	6000	OIL	[34220] JUSTIS;BLUNBERY-TUBB-DRINKARD	4/21/1961	5/1/1961	255	37E	23	1650 FEL 1980 FNL
30025117160000	LEGACY RESERVES OPERATING, LP	WIMBERLY WN #1	4294	PLUGGAS	PLUGGED	2/1/1943	3/29/1943	255	37E	23	1980 FWL 1980 FNL
30025117170000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #19	5917	OIL	[34220] JUSTIS;BLUNBERY-TUBB-DRINKARD	5/15/1962	7/1/1962	255	37E	23	1650 FEL 660 FNL
30025117180000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #21	7000	OIL	[34220] JUSTIS;BLUNBERY-TUBB-DRINKARD	3/26/1958	5/5/1958	255	37E	24	990 FWL 1980 FSL
30025117190000	TEKACO EXPLORATION & PRODUCTION INC	AB COATES-FEDERAL C 24	6010	PLUGOIL	PLUGGED	10/16/1962	12/10/1962	255	37E	24	990 FEL 1980 FNL
30025117200000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #22	7000	PLUGOIL	PLUGGED	5/30/1958	7/1/1958	255	37E	24	990 FWL 660 FSL
30025117210000	LEGACY RESERVES OPERATING, LP	IDA WIMBERLEY #11	5472	OIL	[34220] JUSTIS;BLUNBERY-TUBB-DRINKARD ; [37240] LANGLE MATTIKX;7 RVS-Q-GRAYBURG	5/10/1959	6/7/1959	255	37E	24	660 FWL 1980 FSL
30025117220000	LEGACY RESERVES OPERATING, LP	IDA WIMBERLEY #13	5450	PLUGGAS	PLUGGED	11/9/1960	1/7/1961	255	37E	24	330 FWL 330 FSL
30025117230000	CHEVRON U S A INC	A B COATES C FEDERAL #1	3900	PLUGGAS	PLUGGED	1/18/1951	2/22/1951	255	37E	24	1980 FWL 1980 FNL
30025117240000	CHEVRON U S A INC	COATES-FEDERAL C 2	3403	PLUGOIL	PLUGGED	8/18/1955	9/9/1955	255	37E	24	660 FEL 660 FNL
30025117250000	GETTY OIL COMPANY	A B COATES C BATTERY 3	3385	PLUGOIL	PLUGGED	9/9/1955	9/30/1955	255	37E	24	330 FEL 660 FSL
30025117260000	GETTY OIL COMPANY	A B COATES C BATTERY 4	3387	PLUGOIL	PLUGGED	10/17/1955	11/4/1955	255	37E	24	330 FEL 1980 FSL
30025117270000	GETTY OIL COMPANY	AB COATES C 5	3400	PLUGOIL	PLUGGED	12/18/1955	1/3/1956	255	37E	24	330 FEL 1980 FNL
30025117280000	SCOUT ENERGY MANAGEMENT LLC	A B COATES C FEDERAL #15	8125	OIL	[35150] JUSTIS;MONTVOYA ; [96543] JUSTIS;ABO, MID (GAS)	7/21/1958	9/5/1958	255	37E	24	1980 FEL 660 FSL
30025117290000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #19	8177	GAS	[34220] JUSTIS;BLUNBERY-TUBB-DRINKARD	2/13/1957	6/10/1957	255	37E	24	1980 FEL 660 FNL
30025117300000	TEKACO EXPLORATION & PRODUCTION INC	A B COATES C FEDERAL #8	7520	PLUGOIL	PLUGGED	8/26/1957	12/8/1957	255	37E	24	1980 FEL 660 FNL
30025117310000	CHEVRON U S A INC	A B COATES C FEDERAL #9	8075	PLUGGAS	PLUGGED	11/5/1957	1/2/1958	255	37E	24	1980 FEL 1980 FSL
30025117320000	LEGACY RESERVES OPERATING, LP	A B COATES C GAS COM #1	8210	GAS	[34770] JUSTIS;FUSSELMAN ; [96543] JUSTIS;ABO, MID (GAS)	12/4/1956	1/27/1957	255	37E	24	2080 FWL 1980 FNL
30025117330000	CHEVRON U S A INC	AB COATES-FEDERAL C 11	7101	PLUGOIL	PLUGGED	4/11/1958	5/28/1958	255	37E	24	1650 FWL 1980 FNL
30025117340000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #21	7137	OIL	[34220] JUSTIS;BLUNBERY-TUBB-DRINKARD ; [34770] JUSTIS;FUSSELMAN	6/7/1958	7/16/1958	255	37E	24	1650 FWL 1980 FSL
30025117350000	SCOUT ENERGY MANAGEMENT LLC	COATES WIMBERLY FEDERAL COM #1	8205	GAS	[35150] JUSTIS;MONTVOYA ; [96543] JUSTIS;ABO, MID (GAS)	4/15/1958	5/28/1958	255	37E	24	2310 FWL 1980 FSL
30025117360000	SCOUT ENERGY MANAGEMENT LLC	A B COATES C FEDERAL #014	6980	OIL	[35150] JUSTIS;MONTVOYA ; [37240] LANGLE MATTIKX;7 RVS-Q-GRAYBURG	6/9/1958	7/19/1958	255	37E	24	2310 FEL 1650 FNL
30025117370000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #20	8065	OIL	[34220] JUSTIS;BLUNBERY-TUBB-DRINKARD	6/23/1957	8/20/1957	255	37E	24	1980 FEL 990 FNL
30025117380000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #22	7650	OIL	[34220] JUSTIS;BLUNBERY-TUBB-DRINKARD	9/8/1958	11/2/1958	255	37E	24	2030 FEL 1760 FSL
30025117390000	TEKACO EXPLORATION & PRODUCTION INC	JUSTIS MCKEE UNIT 117	7950	PLUGOIL	PLUGGED	9/9/1958	12/17/1958	255	37E	24	960 FEL 2280 FNL
30025117400000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #21	7800	OIL	[34220] JUSTIS;BLUNBERY-TUBB-DRINKARD ; [34580] JUSTIS;ELLENBURGER	11/5/1958	12/24/1958	255	37E	24	990 FEL 1980 FSL
30025117410000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #022	7940	OIL	[34220] JUSTIS;BLUNBERY-TUBB-DRINKARD	1/25/1959	3/14/1959	255	37E	24	990 FEL 990 FSL
30025117420000	TEKACO EXPLORATION & PRODUCTION INC	JUSTIS MCKEE UNIT 120	7750	PLUGOIL	PLUGGED	4/22/1959	6/14/1959	255	37E	24	990 FEL 990 FNL
30025117430000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #21	7551	TA	[34220] JUSTIS;BLUNBERY-TUBB-DRINKARD	11/5/1958	12/1/1958	255	37E	24	1980 FEL 2080 FSL
30025117440000	CHEVRON U S A INC	A B COATES C FEDERAL #22	6881	PLUGOIL	PLUGGED	1/24/1959	3/8/1959	255	37E	24	2310 FEL 660 FNL
30025117450000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #20	6100	INJECT	[34220] JUSTIS;BLUNBERY-TUBB-DRINKARD	8/4/1960	10/16/1960	255	37E	24	330 FEL 330 FSL
30025117460000	GETTY OIL COMPANY	AB COATES-FEDERAL D 1	3300	PLUGGAS	PLUGGED	5/29/1952	7/3/1952	255	37E	24	1980 FWL 660 FSL
30025117470000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #22	7007	PLUGOIL	PLUGGED	7/21/1958	8/29/1958	255	37E	24	1650 FWL 660 FSL
30025117480000	CHEVRON U S A INC	A B COATES D 3	8260	OIL	[34770] JUSTIS;FUSSELMAN ; [35150] JUSTIS;MONTVOYA	3/20/1959	5/29/1959	255	37E	24	2310 FWL 990 FSL
30025117490000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #19	8235	OIL	[34220] JUSTIS;BLUNBERY-TUBB-DRINKARD	7/10/1957	10/2/1957	255	37E	24	1980 FWL 660 FNL

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3002511750000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #19	8635	PLUGOIL	PLUGGED		10/13/1957	1/22/1958	255	37E	24	660 FWL 660 FNL
30025117510000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #201	7242	OIL	[34220] JUSTIS:BLINEBRY-TUBB-DRINKARD ; [34770] JUSTIS:FUSSELMAN		1/14/1958	3/11/1958	255	37E	24	990 FWL 1980 FNL
30025117520000	ARCO BERMAN	WIMBERLEY WN 5	8210	PLUGOIL	PLUGGED		3/22/1958	6/1/1958	255	37E	24	2310 FWL 990 FNL
30025117530000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT WSW #1	7090	WSW	[34770] JUSTIS:FUSSELMAN ; [96221] WSW,SAN ANDRES		12/2/1958	1/24/1959	255	37E	24	990 FWL 660 FNL
30025117540000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #025	5910	PLUGOIL	PLUGGED		12/5/1959	1/16/1960	255	37E	25	1650 FWL 1650 FSL
30025117550000	ATLANTIC RICHFIELD COMPANY THE	STATE YTS 2 #1	3239	PLUGOIL	PLUGGED		5/15/1953	6/11/1953	255	37E	25	1979 FWL 660 FNL
30025117560000	CIMAREX ENERGY CO. OF COLORADO	CARLSON-FED A 1	6951	PLUGOIL	PLUGGED		2/20/1959	5/15/1959	255	37E	25	2310 FWL 2310 FSL
30025117570000	ARCO BERMAN	IDA WIMBERLEY #2	3230	PLUGGAS	PLUGGED		8/9/1952	8/25/1952	255	37E	25	1980 FWL 660 FNL
30025117580000	HERMAN L LOEB LLC	COOK 2	3284	PLUGOIL	PLUGGED		8/15/1957	9/16/1957	255	37E	28	660 FWL 660 FSL
30025117590000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #24	7000	OIL	[34220] JUSTIS:BLINEBRY-TUBB-DRINKARD		8/13/1958	9/17/1958	255	37E	25	1980 FWL 1980 FNL
30025117600000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #23C	7578	OIL	[34220] JUSTIS:BLINEBRY-TUBB-DRINKARD ; [34770] JUSTIS:FUSSELMAN		7/3/1958	10/1/1958	255	37E	25	2080 FWL 660 FNL
30025117610000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #23	7000	PLUGOIL	PLUGGED		9/21/1958	11/5/1958	255	37E	25	990 FWL 660 FNL
30025117620000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #24	7002	OIL	[34220] JUSTIS:BLINEBRY-TUBB-DRINKARD		1/2/1959	2/1/1959	255	37E	25	1980 FWL 1650 FNL
30025117630000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #24	7105	TA	[34220] JUSTIS:BLINEBRY-TUBB-DRINKARD		2/4/1959	3/19/1959	255	37E	25	990 FWL 1650 FNL
30025117640000	WHITTING OIL AND GAS CORPORATION	CARLSON-FED A 2	7358	OIL	[34770] JUSTIS:FUSSELMAN		4/6/1959	6/15/1959	255	37E	25	990 FWL 2310 FSL
30025117650000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #026	7050	OIL	[34220] JUSTIS:BLINEBRY-TUBB-DRINKARD		7/24/1959	9/24/1959	255	37E	25	2310 FWL 990 FSL
30025117660000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #26	5909	OIL	[34220] JUSTIS:BLINEBRY-TUBB-DRINKARD		9/25/1959	12/18/1959	255	37E	25	990 FWL 990 FSL
30025117670000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #250	5952	INJECT	[34220] JUSTIS:BLINEBRY-TUBB-DRINKARD		11/3/1959	12/20/1959	255	37E	25	330 FWL 1650 FSL
30025117680000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #25K	6960	PLUGOIL	PLUGGED		12/4/1958	1/27/1959	255	37E	25	2309 FWL 2310 FSL
30025117690000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #25	6000	OIL	[34220] JUSTIS:BLINEBRY-TUBB-DRINKARD		6/7/1959	7/22/1959	255	37E	25	990 FWL 2310 FSL
30025117700000	ATLANTIC RICHFIELD COMPANY THE	STATE Y 2	3360	PLUGOIL	PLUGGED		11/6/1956	12/11/1956	255	37E	25	330 FWL 330 FNL
30025117710000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #23	8350	TA	[34220] JUSTIS:BLINEBRY-TUBB-DRINKARD ; [34580] JUSTIS:ELMBURGGR ; [35150] JUSTIS:MONTROYA		10/16/1958	12/21/1958	255	37E	25	1650 FWL 330 FNL
30025117720000	GETTY OIL COMPANY	STATE Y 4	8165	PLUGOIL	PLUGGED		12/26/1958	3/1/1959	255	37E	25	660 FWL 430 FNL
30025117730000	LEGACY RESERVES OPERATING, LP	STATE Y #5	6872	OIL	[34220] JUSTIS:BLINEBRY-TUBB-DRINKARD ; [34770] JUSTIS:FUSSELMAN		1/26/1959	3/2/1959	255	37E	25	2308 FWL 990 FNL
30025117740000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #024	8380	GAS	[34220] JUSTIS:BLINEBRY-TUBB-DRINKARD		2/23/1959	4/25/1959	255	37E	25	660 FWL 1650 FNL
30025117750000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #023	7000	PLUGOIL	PLUGGED		4/18/1959	5/20/1959	255	37E	25	760 FWL 430 FNL
30025117760000	LEGACY RESERVES OPERATING, LP	STATE Y #8	6880	GAS	[34770] JUSTIS:FUSSELMAN ; [37240] LANGUE MATTX; 7 RVRS-Q-GRAYBURG		5/31/1959	7/6/1959	255	37E	25	990 FWL 1980 FNL
30025117770000	LEGACY RESERVES OPERATING, LP	STATE Y #009	6905	OIL	[34220] JUSTIS:BLINEBRY-TUBB-DRINKARD ; [34770] JUSTIS:FUSSELMAN		2/10/1961	3/29/1961	255	37E	25	990 FWL 990 FNL
30025117780000	ARCO BERMAN	CARLSON-FEDERAL B 2	7515	PLUGOIL	PLUGGED		8/30/1959	11/4/1959	255	37E	25	660 FWL 990 FSL
30025117790000	FAE II Operating LLC	CARLSON A 25 #1	4905	GAS	[79360] JUSTIS:GLORIETA (PRO GAS)		4/12/1956	5/17/1956	255	37E	25	1980 FWL 1980 FSL
30025117800000	FAE II Operating LLC	CARLSON B FEDERAL 1	4934	GAS	[79360] JUSTIS:GLORIETA (PRO GAS)		2/27/1957	5/1/1957	255	37E	25	1980 FWL 1980 FSL
30025117810000	BURLINGTON RESOURCES OIL & GAS CO	CARLSON A FEDERAL #2	3224	PLUGGAS	PLUGGED		2/4/1955	2/23/1955	255	37E	25	660 FWL 660 FSL
30025117820000	FAE II Operating LLC	CARLSON B 25 #1	3320	OIL	[37240] LANGUE MATTX; 7 RVRS-Q-GRAYBURG		5/6/1955	6/6/1955	255	37E	25	660 FWL 660 FSL
30025117830000	LEGACY RESERVES OPERATING, LP	CARLSON B 25 FEDERAL #03	6800	GAS	[34170] JUSTIS:ABO		11/12/1959	12/26/1959	255	37E	25	1650 FWL 990 FSL
30025117840000	ARCO BERMAN	CARLSON-FEDERAL B-2 4	6895	PLUGOIL	PLUGGED		2/25/1960	4/7/1960	255	37E	25	990 FWL 990 FSL
30025117850000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #026	6175	OIL	[34220] JUSTIS:BLINEBRY-TUBB-DRINKARD		4/26/1960	5/30/1960	255	37E	25	1980 FWL 990 FSL
30025117860000	AMERICAN EXPLORATION COMPANY	ALSTON 1	3365	PLUGOIL	PLUGGED		11/9/1957	1/14/1958	255	37E	26	330 FWL 330 FNL
30025117870000	RICER OPERATING COMPANY	JUSTIS SMD #26	4800	SMD	[96121] SMD,SAN ANDRES		12/8/1958	1/27/1959	255	37E	26	1650 FWL 330 FSL
30025117880000	MAMMOTH EXPLORATION, LLC	HENRY 3	3325	OIL	[37240] LANGUE MATTX; 7 RVRS-Q-GRAYBURG		4/9/1959	4/9/1959	255	37E	26	342 FWL 336 FSL
30025117890000	ITALO PETROLEUM CORPORATION	CARLSON B 26 1	3341	PLUGOIL	PLUGGED		3/26/1959	4/25/1959	255	37E	26	1650 FWL 990 FNL
30025117900000	CIMAREX ENERGY CO. OF COLORADO	CARLSON #2	3200	PLUGOIL	PLUGGED		4/6/1957	9/10/1957	255	37E	26	660 FWL 1980 FNL
30025117910000	MAMMOTH EXPLORATION, LLC	HENRY 1	3330	OIL	[37240] LANGUE MATTX; 7 RVRS-Q-GRAYBURG		8/13/1958	8/13/1958	255	37E	26	660 FWL 2310 FSL
30025117920000	HESS CORPORATION	IDA WIMBERLEY #1	3230	PLUGGAS	PLUGGED		3/20/1945	4/18/1945	255	37E	26	660 FWL 660 FNL
30025117930000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #23	5954	OIL	[34220] JUSTIS:BLINEBRY-TUBB-DRINKARD		4/1/1959	4/30/1959	255	37E	26	330 FWL 660 FNL
30025117940000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #24	5985	OIL	[34220] JUSTIS:BLINEBRY-TUBB-DRINKARD		7/14/1959	10/1/1959	255	37E	26	330 FWL 1650 FNL
30025117950000	PERMIAN RESOURCES INC	CARLSON B 26 #3	3329	PLUGGAS	PLUGGED		1/12/1956	2/1/1956	255	37E	26	2310 FWL 1650 FSL
30025117960000	FAE II Operating LLC	CARLSON B 26 #4	4831	TA	[37240] LANGUE MATTX; 7 RVRS-Q-GRAYBURG		6/14/1956	8/3/1956	255	37E	26	660 FWL 1980 FSL

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3002511870000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #25	6250	OIL	[34220] JUSTIS:BLINBERY-TUBB-DRINKARD	1/8/1960	3/3/1960	255	37E	26	330 FEL 2310 FSL
30025117980000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #26	6000	OIL	[34220] JUSTIS:BLINBERY-TUBB-DRINKARD	6/20/1960	8/7/1960	255	37E	26	330 FEL 990 FSL
30025118990000	AMERICAN EXPLORATION COMPANY	ALSTON 2	3342	PLUGGOL		2/11/1938	9/15/1938	255	37E	26	330 FWL 1650 FNL
3002518000000	FAE II Operating LLC	CARLSON B 26 #2	3279	TA	[37240] LANGLIE MATTIKX-7 RWMS-Q-GRAYBURG	7/11/1955	7/11/1955	255	37E	26	990 FEL 990 FSL
3002518010000	AMERICAN EXPLORATION COMPANY	ALSTON 4	3341	PLUGGOL	PLUGGED	4/26/1938	6/13/1938	255	37E	26	2311 FNL 1665 FNL
3002518020000	WESTATES PETROLEUM COMPANY	CARLSON-FEDERAL B-26 7	6050	PLUGGOL	PLUGGED	8/6/1960	9/28/1960	255	37E	26	1650 FEL 2310 FSL
3002518030000	JEFFERS OIL COMPANY	CARLSON 1	3652	DH50&G	PLUGGED	4/25/1935	9/16/1935	255	37E	27	330 FEL 1590 FNL
3002518040000	ANDERSON-PRICHARD OIL CORP	HARRISON 4	3349	GAS	PLUGGED	10/8/1938	1/4/1939	255	37E	27	330 FEL 1590 FNL
3002518050000	FAE II Operating LLC	HARRISON FEDERAL WB #1	3370	GAS	[79240] JALMATI-TAN-YATES-7 RWMS (GAS)	3/25/1955	12/13/1955	255	37E	27	660 FWL 1980 FSL
3002518070000	AMERICAN EXPLORATION COMPANY	ALSTON #3	3345	PLUGGOL	PLUGGED	3/24/1938	4/17/1938	255	37E	27	990 FEL 330 FNL
3002518090000	AMERICAN EXPLORATION COMPANY	CARLSON-FEDERAL B 1	3364	PLUGGOL	PLUGGED	11/4/1938	1/31/1939	255	37E	27	1650 FEL 330 FNL
3002518100000	FAE II Operating LLC	CARLSON B 27 #2	3307	OIL	[37240] LANGLIE MATTIKX-7 RWMS-Q-GRAYBURG	11/9/1938	12/9/1938	255	37E	27	330 FEL 2310 FSL
3002518110000	CIMAREX ENERGY CO. OF COLORADO	CARLSON HARRISON FEDERAL COM 2	3542	PLUGGAS	PLUGGED	12/28/1955	6/8/1956	255	37E	27	660 FWL 660 FNL
3002518120000	ATLANTIC RICHFIELD COMPANY THE	ARC FEDERAL 1	10830	PLUGGAS	PLUGGED	4/13/1933	1/18/1955	255	37E	28	1980 FWL 1980 FSL
3002518130000	RESERVE OIL INCORPORATED	C J LANEHART 2	9170	DRY	PLUGGED	1/5/1956	4/12/1956	255	37E	28	1980 FEL 1950 FNL
3002518140000	HERMAN L LOEB LLC	LANEHART A 1	2900	PLUGGOL	PLUGGED	10/14/1953	11/10/1953	255	37E	28	1980 FEL 825 FNL
3002518150000	BURLESON LEWIS B INCORPORATED	NANCY FEDERAL 2	3229	PLUGGAS	PLUGGED	7/14/1937	8/7/1937	255	37E	28	1980 FEL 660 FSL
3002518160000	BRADLEY EDWIN G	LANEHART 1	3301	PLUGGOL	PLUGGED	7/31/1937	10/4/1937	255	37E	28	1980 FEL 1980 FNL
3002518170000	BURLESON PETROLEUM, INC	DAWSON 1	3960	DRY	PLUGGED	8/21/1950	3/12/1951	255	37E	28	2310 FEL 2310 FSL
3002518180000	PHILLIPS PETROLEUM COMPANY	SAUNDERS STATE 1	2463	PLUGGAS	PLUGGED	4/5/1950	4/20/1950	255	37E	28	660 FWL 1980 FNL
3002518190000	AMERICAN REPUBLIC CORPORATION	COPPER 1	8663	PLUGGAS	PLUGGED	3/3/1955	1/16/1956	255	37E	28	1981 FEL 1980 FSL
3002511820000	ATLANTIC RICHFIELD COMPANY THE	CROSBY B 1	3220	PLUGGOL	PLUGGED	9/8/1937	10/12/1937	255	37E	28	2310 FWL 330 FSL
3002511830000	SINCLAIR OIL CORPORATION	LANEHART 1	3302	PLUGGOL	PLUGGED	8/4/1936	9/2/1936	255	37E	28	330 FWL 2310 FSL
3002511840000	BURLESON PETROLEUM, INC	SAUNDERS ESTATE #2	8600	PLUGGAS	PLUGGED	5/3/1936	7/3/1936	255	37E	28	990 FWL 990 FNL
3002518270000	BURLESON PETROLEUM, INC	ARGO SRC #1	9365	PLUGGAS	PLUGGED	4/28/1955	10/9/1955	255	37E	28	1650 FWL 1650 FNL
3002518280000	BURLESON LEWIS B INCORPORATED	GUTMAN #1	3270	PLUGGAS	PLUGGED	6/12/1955	1/4/1956	255	37E	29	660 FEL 1980 FNL
30025118290000	TEXAS PACIFIC OIL COMPANY	COLL A #1	3186	PLUGGOL	PLUGGED	6/21/1950	7/19/1950	255	37E	29	660 FEL 1980 FSL
30025118300000	FAE II Operating LLC	GUTMAN UNIT D 1	8628	PLUGGAS	PLUGGED	12/14/1951	3/23/1952	255	37E	29	1980 FEL 1980 FNL
30025118320000	OLSEN-BLOUNT DRILLING COMPANY	GUTMAN SWD #002	3297	SND	[66131] SWD-SEVEN RIVERS	10/8/1955	2/16/1956	255	37E	29	660 FEL 1340 FSL
30025118370000	TEMACO INCORPORATED	COLL 1	3936	PLUGGOL	PLUGGED	11/16/1950	3/23/1952	255	37E	29	1650 FEL 2310 FSL
30025118630000	FAE II Operating LLC	LANEHART 1	3308	PLUGGOL	PLUGGED	12/14/1951	6/12/1952	255	37E	29	1980 FEL 660 FSL
30025118650000	DC ENERGY LLC	ARNOTT RAMSAY NCT-B 3	8797	TA	[37240] LANGLIE MATTIKX-7 RWMS-Q-GRAYBURG; [79240] JALMATI-TAN-YATES-7 RWMS (GAS)	10/26/1956	3/8/1957	255	37E	32	600 FEL 660 FNL
30025118670000	ANDERSON-PRICHARD OIL CORPORATION	GREGORY C 1	3237	PLUGGOL	PLUGGED	8/9/1937	10/31/1937	255	37E	33	1980 FWL 660 FNL
30025118680000	DC ENERGY LLC	GREGORY A 7	3299	PLUGGOL	PLUGGED	3/8/1953	4/23/1953	255	37E	33	1980 FEL 1650 FSL
30025118690000	CIMAREX ENERGY CO. OF COLORADO	EL PASO TOMI FEDERAL 6	3075	PLUGGAS	PLUGGED	8/14/1961	9/1/1961	255	37E	33	1880 FWL 660 FSL
30025118700000	DC ENERGY LLC	GREGORY-FEDERAL 2	3620	JNK	PLUGGED	4/1/1955	5/19/1955	255	37E	33	1650 FEL 1650 FSL
30025118710000	BURLESON LEWIS B INCORPORATED	GREGORY-FEDERAL 3	8285	PLUGGOL	PLUGGED	3/28/1956	5/9/1956	255	37E	33	1650 FNL 660 FNL
30025118720000	DC ENERGY LLC	GREGORY-FEDERAL 4	8461	PLUGGOL	PLUGGED	4/13/1958	7/1/1958	255	37E	33	1980 FEL 1980 FSL
30025118730000	UNIFIED OPERATING LLC	SHAHAN 1	3280	PLUGGOL	PLUGGED	4/6/1937	5/30/1937	255	37E	33	1980 FWL 1980 FSL
30025118750000	HERMAN L LOEB LLC	SHAHAN 2	8250	GAS	[75480] CROSBY-DEVONIAN (GAS)	8/27/1956	12/17/1956	255	37E	33	1650 FEL 660 FNL
30025118760000	BURLESON PETROLEUM, INC	SHAHAN 3 #1	3342	PLUGGAS	PLUGGED	9/2/1950	11/10/1950	255	37E	33	660 FEL 990 FNL
30025118770000	HERMAN L LOEB LLC	SHAHAN 3 #2	3297	PLUGGOL	PLUGGED	3/20/1952	4/15/1952	255	37E	33	330 FEL 1650 FNL
30025118780000	SUN EXPLORATION & PRODUCTION COMPANY	NO GREGORY-FEDERAL 1	3214	PLUGGOL	PLUGGED	9/1/1933	11/4/1933	255	37E	33	330 FEL 1650 FNL
30025118790000	EL PASO NATURAL GAS COMPANY	NO GREGORY-FEDERAL 2Y	8170	PLUGGAS	PLUGGED	9/13/1954	10/1/1954	255	37E	33	2310 FEL 330 FSL
30025118800000	ORXY ENERGY CO	GREGORY A 2	3165	PLUGGOL	PLUGGED	5/6/1956	7/19/1956	255	37E	33	1650 FWL 760 FNL
30025118810000	CIMAREX ENERGY CO. OF COLORADO	EL PASO TOMI FEDERAL 7	4000	PLUGGAS	PLUGGED	11/8/1947	12/12/1947	255	37E	33	660 FWL 660 FNL
30025118820000	LANEKO INC	EL PASO TOMI FEDERAL 9	3204	PLUGGOL	PLUGGED	10/10/1947	5/18/1948	255	37E	33	660 FWL 660 FNL
30025118830000	SUN EXPLORATION & PRODUCTION COMPANY	DC ENERGY LLC	3266	PLUGGOL	PLUGGED	4/23/1949	5/21/1949	255	37E	33	660 FWL 1980 FNL
30025118840000	DC ENERGY LLC	GREGORY A 5	3266	PLUGGOL	PLUGGED	11/4/1952	12/16/1952	255	37E	33	660 FEL 1980 FSL
30025118850000	MERIDIAN OIL INCORPORATED	GREGORY-FEDERAL A 6	3357	PLUGGOL	PLUGGED	2/21/1953	3/14/1953	255	37E	33	990 FEL 660 FSL
30025118860000	ANDERSON-PRICHARD OIL CORP	DABBS 1	9004	DRY	PLUGGED	6/17/1957	9/21/1957	255	37E	34	660 FWL 1980 FSL

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30025118870000	FAE II Operating LLC	DABBS 4	9273	GAS	[79240]	JALMATI-TAN-YATES-7 RWYS (GAS)	6/5/1957	9/18/1957	255	37E	34	660 FNL 1650 FNL
30025118880000	PLANTATION OPERATING LLC	DABBS 1	2852	PLUGGAS		PLUGGED	11/29/1948	12/28/1948	255	37E	34	330 FNL 990 FSL
30025118890000	DOYLE HARTMAN	DABBS 2	3300	PLUGOIL		PLUGGED	2/13/1952	8/13/1952	255	37E	34	330 FNL 2310 FNL
30025118900000	ENFIELD ROBERT N	S&M DABBS 1	8852	DRY		PLUGGED	5/29/1962	7/18/1962	255	37E	34	660 FNL 660 FSL
30025118910000	APCO OIL CORPORATION	DABBS 1	3350	PLUGOIL		PLUGGED	12/9/1957	4/15/1958	255	37E	34	330 FNL 1980 FNL
30025118920000	LEGACY RESERVES INCORPORATED	SOUTH JUSTIS UNIT #27	5925	OIL	[34220]	JUSTIS-BLINEBRY-TUBB-DRINKARD	3/30/1962	3/19/1962	255	37E	35	1980 FEL 330 FNL
30025118930000	CARR WELL SERVICE INCORPORATED	G W DABBS 1	3331	PLUGOIL		PLUGGED	4/30/1938	11/23/1938	255	37E	35	2310 FNL 330 FNL
30025118940000	CARR WELL SERVICE INCORPORATED	G W DABBS 2	3330	PLUGOIL		PLUGGED	9/24/1938	8/18/1938	255	37E	35	990 FNL 330 FNL
30025118950000	TEXAS PACIFIC OIL COMPANY	GREGORY C 2	3316	PLUGOIL		PLUGGED	6/29/1961	8/14/1961	255	37E	35	1980 FEL 1980 FSL
30025118960000	BURLINGTON RESOURCES OIL & GAS CO	L GREGORY-FEDERAL 1	3324	PLUGOIL		PLUGGED	11/24/1952	1/5/1953	255	37E	35	660 FEL 990 FSL
30025118970000	BURLINGTON RESOURCES OIL & GAS CO	ARNOTT RAMSAY F #001	3300	PLUGOIL		PLUGGED	8/13/1955	10/24/1955	255	37E	36	660 FNL 660 FNL
30025118980000	LEGACY RESERVES OPERATING LP	ARNOTT RAMSAY F #002	3340	PLUGOIL		PLUGGED	1/3/1956	1/26/1956	255	37E	36	330 FEL 1980 FNL
30025119000000	LEGACY RESERVES OPERATING LP	ARNOTT RAMSAY F #003	3300	PLUGOIL		PLUGGED	3/17/1957	5/6/1957	255	37E	36	1980 FEL 660 FNL
30025119010000	LEGACY RESERVES OPERATING LP	SOUTH JUSTIS UNIT #028	5600	OIL	[34220]	JUSTIS-BLINEBRY-TUBB-DRINKARD	12/27/1958	2/1/1959	255	37E	36	1980 FEL 1980 FNL
30025119020000	LEGACY RESERVES OPERATING LP	SOUTH JUSTIS UNIT #027	6365	OIL	[34220]	JUSTIS-BLINEBRY-TUBB-DRINKARD	12/12/1959	3/18/1960	255	37E	36	560 FEL 660 FNL
30025119030000	LEGACY RESERVES OPERATING LP	SOUTH JUSTIS UNIT #027	6290	OIL	[34220]	JUSTIS-BLINEBRY-TUBB-DRINKARD	2/19/1960	5/20/1960	255	37E	36	1980 FNL 660 FNL
30025119040000	LEGACY RESERVES OPERATING LP	SOUTH JUSTIS UNIT #027	5930	OIL	[34220]	JUSTIS-BLINEBRY-TUBB-DRINKARD	10/5/1960	1/5/1961	255	37E	36	925 FNL 990 FNL
30025119050000	GULF OIL CORPORATION	VINSON RAMSAY NCT B #3	3350	PLUGOIL		PLUGGED	3/25/1956	4/9/1956	255	37E	36	660 FEL 660 FSL
30025119060000	LEGACY RESERVES OPERATING LP	ARNOTT RAMSAY F #008	6889	OIL	[34770]	JUSTIS-FUSSELLMAN	2/1/1961	3/10/1961	255	37E	36	330 FEL 330 FNL
30025119070000	LEGACY RESERVES OPERATING LP	SOUTH JUSTIS UNIT #027	6950	PLUGOIL		PLUGGED	5/3/1961	7/11/1961	255	37E	36	1650 FEL 330 FNL
30025119080000	LEGACY RESERVES OPERATING LP	SOUTH JUSTIS UNIT #028	6950	OIL	[34220]	JUSTIS-BLINEBRY-TUBB-DRINKARD	6/7/1961	8/9/1961	255	37E	36	660 FEL 1650 FNL
30025119090000	LEGACY RESERVES OPERATING LP	SOUTH JUSTIS UNIT #028	5930	OIL	[34220]	JUSTIS-BLINEBRY-TUBB-DRINKARD	10/22/1961	12/26/1961	255	37E	36	1980 FNL 1980 FNL
30025119100000	CHEVRON U S A INCORPORATED	ARNOTT RAMSAY F 12	5880	PLUGOIL		PLUGGED	12/8/1961	3/21/1962	255	37E	36	990 FNL 1980 FNL
30025119110000	CHEVRON U S A INCORPORATED	VINSON RAMSAY B 2	3330	PLUGOIL		PLUGGED	2/21/1956	3/14/1956	255	37E	36	1980 FEL 1980 FSL
30025119120000	GULF OIL CORPORATION	VINSON RAMSAY NCT B 4	3330	PLUGOIL		PLUGGED	5/1/1956	7/30/1956	255	37E	36	660 FEL 660 FSL
30025119130000	GULF OIL CORPORATION	VINSON RAMSAY NCT B 1	5450	PLUGOIL		PLUGGED	3/23/1951	5/21/1951	255	37E	36	660 FNL 660 FSL
30025119140000	GULF OIL CORPORATION	VINSON RAMSAY NCT B 5	3340	PLUGGAS		PLUGGED	4/10/1957	8/12/1957	255	37E	36	1980 FNL 330 FSL
30025119150000	LEGACY RESERVES OPERATING LP	SOUTH JUSTIS UNIT #029	5800	OIL	[34220]	JUSTIS-BLINEBRY-TUBB-DRINKARD	8/8/1958	10/16/1958	255	37E	36	1980 FNL 1980 FSL
30025119160000	LEGACY RESERVES OPERATING LP	SOUTH JUSTIS UNIT #029	6280	OIL	[34220]	JUSTIS-BLINEBRY-TUBB-DRINKARD	5/10/1958	6/20/1960	255	37E	36	1980 FEL 660 FNL
30025119170000	LEGACY RESERVES OPERATING LP	SOUTH JUSTIS UNIT #029	6290	OIL	[34220]	JUSTIS-BLINEBRY-TUBB-DRINKARD	7/13/1960	9/9/1960	255	37E	36	660 FEL 2100 FSL
30025119180000	LEGACY RESERVES OPERATING LP	SOUTH JUSTIS UNIT #030	5900	OIL	[34220]	JUSTIS-BLINEBRY-TUBB-DRINKARD	5/1/1962	7/12/1962	255	37E	36	660 FEL 990 FSL
30025119190000	LEGACY RESERVES OPERATING LP	SOUTH JUSTIS UNIT #030	5885	OIL	[34220]	JUSTIS-BLINEBRY-TUBB-DRINKARD	7/12/1962	8/16/1962	255	37E	36	1980 FEL 990 FSL
30025119200000	LEGACY RESERVES OPERATING LP	SOUTH JUSTIS UNIT #030	5885	PLUGOIL		PLUGGED	8/16/1962	11/28/1962	255	37E	36	1980 FNL 990 FSL
30025119210000	LEGACY RESERVES OPERATING LP	SOUTH JUSTIS UNIT #029	5900	OIL	[34220]	JUSTIS-BLINEBRY-TUBB-DRINKARD	9/12/1962	11/21/1962	255	37E	36	990 FNL 2310 FSL
30025119220000	GETTY OIL COMPANY	GEORGE RIGGS A 1	3358	PLUGOIL		PLUGGED	12/31/1937	4/6/1938	265	37E	1	330 FNL 330 FNL
30025119230000	GETTY OIL COMPANY	GEORGE RIGGS B 4	3360	PLUGOIL		PLUGGED	8/26/1956	9/23/1956	265	37E	1	1980 FEL 660 FNL
30025119240000	GETTY OIL COMPANY	RIGGS GEORGE A 2	3368	PLUGOIL		PLUGGED	6/1/1950	7/31/1950	265	37E	1	990 FNL 330 FNL
30025119250000	GETTY OIL COMPANY	GEORGE RIGGS B #1	3340	PLUGOIL		PLUGGED	3/28/1956	4/16/1956	265	37E	1	660 FEL 660 FNL
30025119260000	GETTY OIL COMPANY	GEORGE RIGGS B 3	3330	PLUGOIL		PLUGGED	6/27/1956	7/20/1956	265	37E	1	1980 FEL 1980 FNL
30025119270000	LEGACY RESERVES OPERATING LP	SOUTH JUSTIS UNIT #31	6068	OIL	[34220]	JUSTIS-BLINEBRY-TUBB-DRINKARD	5/4/1962	6/11/1962	265	37E	1	330 FEL 330 FNL
30025119300000	MARATHON OIL COMPANY	FLEMING STATE 1	3331	PLUGOIL		PLUGGED	4/26/1938	7/9/1938	265	37E	2	660 FEL 660 FNL
30025119320000	BRIGHT & SCHIFF	SHELL-STATE 1	3450	DHSO		PLUGGED	7/6/1953	8/14/1953	265	37E	2	660 FEL 660 FNL
30025119330000	REMUDA OPERATING CO	C C CAEGLE C 3	8824	GAS	[79240]	JALMATI-TAN-YATES-7 RWYS (GAS)	8/11/1952	11/9/1952	265	37E	3	660 FNL 660 FSL
30025119340000	AMERADA HESS CORPORATION	C C CAEGLE C #2	3500	DRY		PLUGGED	6/25/1957	7/12/1957	265	37E	3	1980 FEL 660 FSL
30025119350000	REMUDA OPERATING CO	C C CAEGLE C 1	3526	GAS	[79240]	JALMATI-TAN-YATES-7 RWYS (GAS)	4/3/1949	4/28/1949	265	37E	3	990 FNL 990 FNL
30025119360000	UNION TEXAS PETROLEUM CORPORATION	FARNSWORTH-FEDERAL 1	3216	PLUGOIL		PLUGGED	10/19/1954	11/7/1954	265	37E	4	1980 FEL 1980 FNL
30025119430000	CIMAREX ENERGY CO OF COLORADO	FARNSWORTH 4.1	3210	PLUGOIL		PLUGGED	6/6/1958	7/3/1958	265	37E	4	330 FEL 990 FNL
30025119440000	CIMAREX ENERGY CO OF COLORADO	FARNSWORTH 4.9	3221	PLUGOIL		PLUGGED	10/17/1959	11/6/1959	265	37E	4	1980 FEL 660 FNL
30025119450000	FAE II Operating LLC	FARNSWORTH 4.2	3229	OIL	[37240]	LANGLE MATTIXX-RVRS-Q-GRAVBURG	12/4/1954	12/12/1954	265	37E	4	2310 FNL 660 FNL
30025119460000	FAE II Operating LLC	FARNSWORTH 4.3	3229	OIL	[37240]	LANGLE MATTIXX-RVRS-Q-GRAVBURG	1/14/1955	2/1/1955	265	37E	4	990 FEL 2310 FNL
30025119470000	FAE II Operating LLC	FARNSWORTH 4.10	3280	GAS	[37240]	LANGLE MATTIXX-RVRS-Q-GRAVBURG	3/30/1960	5/6/1960	265	37E	4	990 FEL 2310 FSL
30025119500000	PAN AMERICAN CORPORATION	C.M. FARNSWORTH C 6	8670	PLUGGAS		PLUGGED	10/14/1958	12/16/1958	265	37E	4	990 FEL 660 FNL
30025119510000	PAN AMERICAN CORPORATION	FARNSWORTH C FEDERAL 7	8985	PLUGGAS		PLUGGED	12/23/1958	2/26/1959	265	37E	4	1980 FNL 660 FNL
30025119530000	FAE II Operating LLC	FARNSWORTH C 2	2900	GAS	[83810]	RHODES-YATES-SEVEN RIVERS (GAS)	11/14/1939	12/19/1939	265	37E	4	1650 FEL 1650 FNL

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30025124070000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #31	5900	OIL	[34220] JUSTIS:BLINERY-TUBB-DRINKARD ; [37240] LANGLE MATTX:7 RVRS-Q-GRAVBURG	9/21/1962	10/29/1962	255	37E	1	1650 FVL 330 FNL
30025124070000	ANDERSON-PRICHAHO OIL CORP	BUFFINGTON 1	3305	DRY		9/14/1952	10/31/1952	255	38E	19	660 FVL 1980 FSL
30025124080000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #022	5970	PLUGOIL	PLUGGED	7/3/1960	8/31/1960	255	38E	19	330 FVL 330 FSL
30025124090000	MACK ENERGY CORPORATION	BUFFINGTON 1	3380	PLUGOIL	PLUGGED	4/22/1955	5/8/1955	255	38E	19	990 FVL 1980 FSL
30025124100000	J R OIL, LTD. CO.	BUFFINGTON 2	3385	OIL	[37240] LANGLE MATTX:7 RVRS-Q-GRAVBURG	5/17/1955	5/28/1955	255	38E	19	660 FVL 660 FSL
30025124110000	J R OIL, LTD. CO.	BUFFINGTON 3	3390	OIL	[37240] LANGLE MATTX:7 RVRS-Q-GRAVBURG	5/30/1955	6/12/1955	255	38E	19	1650 FVL 660 FSL
30025124130000	TEXACO PRODUCING INCORPORATED	CE PENNY NCT-4.1	3360	PLUGOIL	PLUGGED	7/29/1955	8/11/1955	255	38E	19	660 FVL 1980 FNL
30025124140000	ROBERSON JIMMY ENERGY CORPORATION	PENNY-FEDRAL NCT-4.3	3362	PLUGOIL	PLUGGED	1/17/1956	2/7/1956	255	38E	19	330 FVL 660 FNL
30025124160000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #020	7894	OIL	[34220] JUSTIS:BLINERY-TUBB-DRINKARD	10/10/1959	12/16/1959	255	38E	19	330 FVL 2310 FNL
30025124170000	ROBERSON JIMMY ENERGY CORPORATION	PENNY-FEDRAL NCT4.5	7990	PLUGOIL	PLUGGED	2/19/1960	4/16/1960	255	38E	19	330 FVL 990 FNL
30025124180000	TEXACO PRODUCING INCORPORATED	PENNY-FEDRAL NCT4.6	5950	PLUGOIL	PLUGGED	8/8/1961	10/8/1961	255	38E	19	330 FVL 1980 FNL
30025124190000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #019	5946	TA	[34220] JUSTIS:BLINERY-TUBB-DRINKARD	9/8/1961	12/9/1961	255	38E	19	330 FVL 825 FNL
30025124200000	GELTY OIL COMPANY	JUSTIS MCKEE UNIT 701	8025	PLUGOIL	PLUGGED	5/28/1959	7/13/1959	255	38E	19	330 FVL 660 FSL
30025124210000	CHEVRON U S A INCORPORATED	JUSTIS MCKEE UNIT 702	7950	PLUGOIL	PLUGGED	7/29/1959	8/31/1959	255	38E	19	330 FVL 1650 FSL
30025124220000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #021	5980	OIL	[34220] JUSTIS:BLINERY-TUBB-DRINKARD	2/25/1961	5/4/1961	255	38E	19	330 FVL 2180 FSL
30025124230000	PAN AMERICAN	STATE A1.7	7017	PLUGOIL	PLUGGED	9/28/1950	3/28/1951	255	38E	30	1650 FVL 660 FSL
30025124240000	BP AMERICA PRODUCTION COMPANY	STATE A1.1	3396	PLUGOIL	PLUGGED	7/13/1955	8/10/1955	255	38E	30	660 FVL 660 FSL
30025124250000	BP AMERICA PRODUCTION COMPANY	STATE A1.2	3430	PLUGOIL	PLUGGED	10/28/1955	11/23/1955	255	38E	30	660 FVL 1980 FSL
30025124260000	BP AMERICA PRODUCTION COMPANY	STATE A1.3	3432	PLUGOIL	PLUGGED	11/12/1955	12/10/1955	255	38E	30	1980 FVL 1980 FSL
30025124270000	BP AMERICA PRODUCTION COMPANY	STATE A1.4	3434	PLUGOIL	PLUGGED	11/26/1955	1/5/1956	255	38E	30	1980 FVL 660 FSL
30025124280000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #025	7123	PLUGOIL	PLUGGED	11/13/1959	1/9/1960	255	38E	30	330 FVL 2310 FSL
30025124290000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #024	8325	OIL	[34220] JUSTIS:BLINERY-TUBB-DRINKARD	6/5/1959	8/14/1959	255	38E	30	330 FVL 1650 FNL
30025124300000	SKELLY OIL COMPANY	HOBBS A.1	3425	PLUGOIL	PLUGGED	7/9/1955	8/25/1955	255	38E	30	660 FVL 660 FSL
30025124310000	SKELLY OIL COMPANY	HOBBS A.4	3430	PLUGOIL	PLUGGED	1/26/1956	2/26/1956	255	38E	30	1650 FVL 660 FSL
30025124320000	SKELLY OIL COMPANY	HOBBS A.5	8208	PLUGOIL	PLUGGED	3/27/1959	5/29/1959	255	38E	30	330 FVL 1980 FNL
30025124330000	HENNY PETROLEUM LP	HOBBS A.7	5950	PLUGOIL	PLUGGED	8/17/1959	9/25/1959	255	38E	30	467 FVL 467 FNL
30025124340000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #260	7020	PLUGOIL	PLUGGED	9/17/1960	11/1/1960	255	38E	30	330 FVL 330 FSL
30025124350000	CAMERON OIL & GAS INC	GINSBERG-FEDRAL 5	3367	OIL	[37240] LANGLE MATTX:7 RVRS-Q-GRAVBURG	8/24/1955	9/18/1955	255	38E	31	660 FVL 660 FNL
30025124360000	CHUZA OPERATING	GINSBERG-FEDRAL 6	3340	PLUGOIL	PLUGGED	2/12/1956	3/5/1956	255	38E	31	660 FVL 1980 FNL
30025124370000	CAMERON OIL & GAS INC	GINSBERG-FEDRAL 7	3329	OIL	[37240] LANGLE MATTX:7 RVRS-Q-GRAVBURG	5/20/1956	6/9/1956	255	38E	31	660 FVL 1980 FSL
30025124380000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #30	5920	OIL	[34220] JUSTIS:BLINERY-TUBB-DRINKARD	6/13/1960	7/3/1956	255	38E	31	660 FVL 660 FSL
30025124390000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #027	6950	OIL	[34220] JUSTIS:BLINERY-TUBB-DRINKARD	4/13/1960	5/28/1960	255	38E	31	330 FVL 350 FNL
30025124400000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #029	7095	OIL	[34220] JUSTIS:BLINERY-TUBB-DRINKARD	9/10/1960	10/19/1960	255	38E	31	330 FVL 1980 FSL
30025124410000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #028	6977	TA	[34220] JUSTIS:BLINERY-TUBB-DRINKARD	8/14/1961	9/21/1961	255	38E	31	330 FVL 1815 FNL
30025124420000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #230	5500	INJECT	[34220] JUSTIS:BLINERY-TUBB-DRINKARD	4/8/1963	5/1/1963	255	37E	25	1650 FVL 990 FNL
30025124430000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #16	5650	OIL	[34220] JUSTIS:BLINERY-TUBB-DRINKARD	2/16/1963	3/16/1963	255	37E	14	1650 FVL 2310 FNL
30025124440000	ARCO OIL & GAS CORPORATION	IDA WIMBERLY 15	5510	ABO&GW	PLUGGED	3/5/1963	4/4/1963	255	37E	25	330 FVL 660 FNL
30025124450000	ARCO OIL & GAS CORPORATION	IDA WIMBERLY 14	5500	PLUGOIL	PLUGGED	2/9/1963	3/13/1963	255	37E	25	1650 FVL 1980 FNL
30025124460000	TEXACO EXPLORATION & PRODUCTION INC	AB COATES-FEDRAL C 25	6012	PLUGOIL	PLUGGED	1/11/1963	2/13/1963	255	37E	24	940 FVL 990 FNL
30025124470000	ROBERSON JIMMY ENERGY CORPORATION	G D RIGGS A #3	5500	PLUGOIL	PLUGGED	12/13/1962	1/15/1963	265	37E	1	2310 FVL 330 FNL
30025124480000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #19	5525	OIL	[34220] JUSTIS:BLINERY-TUBB-DRINKARD	4/23/1963	5/22/1963	255	37E	23	2310 FVL 660 FNL
30025124490000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #181	5559	PLUGOIL	PLUGGED	12/14/1962	1/24/1963	255	37E	13	330 FVL 330 FSL
30025124500000	ATLANTIC RICHFIELD COMPANY THE	GREGORY-FEDRAL 1	5500	PLUGOIL	PLUGGED	12/29/1963	1/26/1964	255	37E	35	330 FVL 330 FSL
30025124510000	ARCO OIL & GAS CORPORATION	IDA WIMBERLY 16	5800	PLUGOIL	PLUGGED	3/23/1963	4/17/1963	255	37E	15	1650 FVL 2310 FNL
30025124520000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #17	5610	OIL	[34220] JUSTIS:BLINERY-TUBB-DRINKARD	6/5/1963	7/15/1963	255	37E	24	2310 FVL 2310 FNL
30025124530000	ARCO OIL & GAS CORPORATION	JUSTIS-FEDRAL 3	961	INJ	PLUGGED	11/16/1963	11/25/1963	255	37E	13	990 FVL 330 FSL
30025124540000	LEGACY RESERVES OPERATING, LP	LEARY MCBUFFINGTON #014	5955	PLUGOIL	PLUGGED	2/15/1963	5/12/1963	255	37E	11	990 FVL 330 FSL
30025124550000	UNION TEXAS PETROLEUM CORP	GREGORY EL PASO FEDERAL 2	8975	PLUGOIL	PLUGGED	10/31/1963	1/5/1964	255	37E	33	1880 FVL 760 FSL
30025124560000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #14V	6155	OIL	[34220] JUSTIS:BLINERY-TUBB-DRINKARD	11/26/1963	12/29/1963	255	37E	11	990 FVL 335 FSL
30025124570000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #15	5674	OIL	[34220] JUSTIS:BLINERY-TUBB-DRINKARD	4/15/1963	5/9/1963	255	37E	14	1980 FVL 890 FSL
30025124580000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #14	6129	OIL	[34220] JUSTIS:BLINERY-TUBB-DRINKARD	9/4/1963	10/11/1963	255	37E	11	1980 FVL 660 FSL
30025124590000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #18	8195	OIL	[34220] JUSTIS:BLINERY-TUBB-DRINKARD	12/6/1962	3/3/1963	255	37E	14	2310 FVL 330 FSL
30025124600000	DC ENERGY LLC	GREGORY EL PASO FEDERAL 1	8461	PLUGOIL	PLUGGED	8/20/1963	10/24/1963	255	37E	33	1650 FVL 660 FSL
30025124610000	BE TTIS BOYLE & STOVALL INC	JUSTIS BW B 8	3404	GAS	[33820] JALMAT:7RVRS-Q-GRAVBURG	2/8/1964	3/6/1964	255	37E	20	1980 FVL 1980 FNL

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30025208480000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #150	6250	INJECT	[34220] JUSTIS:BLINBERY-TUBB-DRINKARD	8/23/1964	10/12/1964	255	37E	14	2310 FWL 330 FNL
30025209670000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #124	5830	OIL	[34220] JUSTIS:BLINBERY-TUBB-DRINKARD	6/4/1964	12/4/1964	255	37E	26	1650 FEL 1750 FNL
30025209300000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #028	5800	OIL	[34220] JUSTIS:BLINBERY-TUBB-DRINKARD	6/16/1964	8/1/1964	255	37E	35	330 FEL 1650 FNL
30025210100000	BP AMERICA PRODUCTION COMPANY	LANGUE B FEDERAL TR 5	5730	PLUGOIL	PLUGGED	3/4/1964	4/28/1964	255	37E	14	990 FWL 330 FSL
30025210570000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #23	6050	OIL	[34220] JUSTIS:BLINBERY-TUBB-DRINKARD ; [37240] LANGUE MATTIKX ; RVRS-Q-GRAYBURG	6/30/1964	8/6/1964	255	37E	26	1650 FEL 330 FNL
30025210920000	LEGACY RESERVES OPERATING, LP	WIMBERLY WN #9	5600	GAS		2/8/1965	3/1/1965	255	37E	24	330 FWL 1980 FNL
30025211840000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #16	5685	OIL	[34220] JUSTIS:BLINBERY-TUBB-DRINKARD	10/25/1965	11/29/1965	255	37E	14	2310 FWL 1650 FNL
30025213250000	RICE OPERATING COMPANY	JUSTIS SWD #002	6865	SWD	[96111] SWD:GRAYBURG-SAN ANDRES-GIORITYA	5/17/1965	6/24/1965	265	37E	2	660 FEL 1980 FNL
30025213280000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #140	6240	INJECT	[34220] JUSTIS:BLINBERY-TUBB-DRINKARD	3/8/1965	4/23/1965	255	37E	11	2310 FWL 990 FSL
30025213540000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #20	6100	OIL	[34220] JUSTIS:BLINBERY-TUBB-DRINKARD	8/13/1965	11/13/1965	255	37E	23	2309 FWL 1980 FNL
30025214270000	CHEVRON U.S.A INC	A B COATES FEDERAL Z6	5650	PLUGOIL	PLUGGED	5/14/1965	6/12/1965	255	37E	24	1650 FEL 330 FSL
30025214280000	CHEVRON U.S.A INC	COATES GLORETIA FEDERAL COM #1	5650	PLUGGAS	PLUGGED	7/25/1965	8/25/1965	255	37E	24	1650 FWL 1650 FSL
30025216480000	V-F PETROLEUM INC	CORRIGAN 1	5555	PLUGINI	PLUGGED	2/16/1966	3/16/1966	255	37E	11	990 FWL 990 FSL
30025216900000	LINN OPERATING, LLC	LANGUE MATTIKX QUEEN UNIT #15	3700	PLUGINI	PLUGGED	10/15/1969	11/18/1969	255	37E	15	1730 FWL 1980 FNL
30025220980000	LANFORD B BERNARD	SPEAR-STATE 1	3650	DRY	PLUGGED	5/1/1967	5/6/1967	265	37E	2	1980 FWL 1980 FNL
30025221550000	PRIZE OPERATING COMPANY	LANGUE MATTIKX QUEEN UNIT #33	3344	PLUGOIL	PLUGGED	6/15/1967	5/12/1968	255	37E	22	1650 FEL 2310 FNL
30025222620000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #260	6950	INJECT	[34220] JUSTIS:BLINBERY-TUBB-DRINKARD ; [34770] JUSTIS:FUSSELLMAN	10/19/1967	11/16/1967	255	37E	25	990 FEL 330 FSL
30025223510000	CARR WELL SERVICE INCORPORATED	G W DABBS 3	3350	PLUGOIL	PLUGGED	12/5/1967	12/31/1967	255	37E	35	1980 FWL 1980 FNL
30025227420000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #20	7912	PLUGOIL	PLUGGED	9/29/1968	12/5/1968	255	37E	24	1795 FWL 1795 FNL
30025227730000	ENERGEN RESOURCES CORPORATION	STUART LANGUE MATTIKX UNIT #128	3550	PLUGINI	PLUGGED	11/12/1968	12/1/1968	255	37E	10	100 FEL 1420 FNL
30025228280000	FAE II Operating LLC	HENRY 4	7795	OIL	[37240] LANGUE MATTIKX ; RVRS-Q-GRAYBURG	10/18/1968	11/23/1968	255	37E	26	1980 FWL 1980 FSL
30025228130000	PERMAN CORPORATION THE	SALINE 3	1511	ABDN	PLUGGED	10/21/1968	10/27/1968	255	37E	16	465 FEL 220 FSL
30025229060000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #22	7361	PLUGOIL	[34220] JUSTIS:BLINBERY-TUBB-DRINKARD	12/1/1969	3/17/1969	255	37E	23	2310 FWL 660 FSL
30025231860000	BP Operating, LLC	EL PASO FEDERAL #2	7415	TA	PLUGGED	1/1/1969	2/1/1969	255	37E	23	1980 FEL 660 FSL
30025233000000	PRIZE OPERATING COMPANY	LANGUE MATTIKX QUEEN UNIT #22	9650	INJECT	[37240] LANGUE MATTIKX ; RVRS-Q-GRAYBURG	6/12/1969	9/2/1969	255	37E	23	1633 FWL 668 FSL
30025233300000	BP Operating, LLC	LANGUE MATTIKX QUEEN UNIT #28	3516	PLUGINI	PLUGGED	11/25/1969	1/20/1970	255	37E	22	2540 FEL 530 FNL
30025233380000	MOBIL OIL CORPORATION	LANGUE MATTIKX QUEEN UNIT #32	3620	INJECT	[37240] LANGUE MATTIKX ; RVRS-Q-GRAYBURG	10/10/1969	11/18/1969	255	37E	22	2690 FEL 230 FNL
30025233380000	LINN OPERATING, LLC	LANGUE MATTIKX QUEEN UNIT #6	4800	ABDN	PLUGGED	9/27/1969	10/27/1969	255	37E	10	2500 FEL 700 FSL
30025233400000	PROVIDENCE ENERGY SERVICES INC.	LANGUE MATTIKX QUEEN UNIT #3	3650	PLUGINI	PLUGGED	10/1/1969	11/3/1969	255	37E	10	890 FWL 990 FSL
30025233750000	HERMAN L LOEB LLC	LANGUE MATTIKX QUEEN UNIT #14	3480	PLUGOIL	PLUGGED	3/17/1970	4/2/1970	255	37E	14	1270 FWL 870 FNL
30025233750000	BP Operating, LLC	COOK 3	8240	PLUGOIL	PLUGGED	8/22/1970	9/27/1970	255	37E	28	1905 FEL 660 FSL
30025233750000	BP Operating, LLC	LANGUE MATTIKX QUEEN UNIT #38	3550	OIL	[37240] LANGUE MATTIKX ; RVRS-Q-GRAYBURG	5/13/1971	6/23/1971	255	37E	15	2144 FEL 850 FSL
30025233750000	PAIZE OPERATING COMPANY	LANGUE MATTIKX QUEEN UNIT #39	3450	PLUGINI	PLUGGED	7/8/1971	7/20/1971	255	37E	15	215 FEL 900 FSL
30025233750000	BP Operating, LLC	LANGUE MATTIKX QUEEN UNIT #37	3550	OIL	[37240] LANGUE MATTIKX ; RVRS-Q-GRAYBURG	5/29/1971	6/13/1971	255	37E	15	2000 FWL 2000 FSL
300252338930000	BP Operating, LLC	LANGUE MATTIKX QUEEN UNIT #9	3550	OIL	[37240] LANGUE MATTIKX ; RVRS-Q-GRAYBURG	9/21/1971	10/9/1971	255	37E	10	330 FEL 330 FSL
30025238910000	DC ENERGY LLC	CROSBY DEEP 1	10946	PLUGOIL	PLUGGED	9/29/1971	3/9/1972	255	37E	28	1980 FWL 330 FSL
30025239280000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #17	7040	PLUGGAS	PLUGGED	12/7/1971	3/23/1972	255	37E	13	1993 FWL 2310 FSL
30025242190000	SCOUT ENERGY MANAGEMENT LLC	A B COATES FEDERAL #029	8102	OIL	[34580] JUSTIS:FUSSELLMAN ; [96104] SWD:FUSSELLMAN	8/17/1972	10/10/1972	255	37E	24	330 FEL 1650 FNL
30025242870000	DC ENERGY LLC	CROSBY DEEP #002	10445	SWD		11/15/1972	1/31/1973	255	37E	33	2310 FEL 1650 FNL
30025244640000	GREATHOUSE & LOVEADY	US-CROSBY 1	8160	PLUGGAS	PLUGGED	6/22/1973	9/10/1973	255	37E	28	1980 FWL 660 FSL
30025250470000	OXY USA INC	ARNOTT RAMSAY NCT E 6	3817	PLUGOIL	PLUGGED	6/7/1975	9/17/1975	255	37E	16	2310 FWL 2310 FSL
30025250510000	CHEVRON U.S.A INCORPORATED	ARNOTT-RAMSAY NCT F-13	6996	PLUGOIL	PLUGGED	6/24/1975	9/29/1975	255	37E	36	330 FEL 2310 FSL
30025250710000	HERMAN L LOEB LLC	ARCO 1	3500	PLUGOIL	PLUGGED	7/25/1975	9/5/1975	255	37E	21	330 FEL 990 FNL
30025251410000	BLUELSON & HUFF	ARCO-LAMBERT 2	1200	JNK	PLUGGED	11/4/1975	11/9/1975	255	37E	21	330 FEL 1980 FNL
30025251740000	HERMAN L LOEB LLC	ARCO 2Y	3500	PLUGOIL	PLUGGED	11/20/1975	12/30/1975	255	37E	21	660 FEL 1770 FNL
30025253760000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #240H	7510	INJECT	[34220] JUSTIS:BLINBERY-TUBB-DRINKARD ; [34770] JUSTIS:FUSSELLMAN	12/8/1976	3/11/1977	255	37E	25	990 FEL 2310 FNL
30025254650000	OXY USA INC	ARNOTT RAMSAY NCT E #7	3700	PLUGOIL	PLUGGED	3/10/1977	4/8/1977	255	37E	16	660 FEL 610 FSL
30025254740000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #21	6200	OIL	[34220] JUSTIS:BLINBERY-TUBB-DRINKARD ; [37240] LANGUE MATTIKX ; RVRS-Q-GRAYBURG	4/4/1977	8/22/1977	255	37E	23	2310 FWL 2310 FSL
30025255370000	LEGACY RESERVES OPERATING, LP	WIMBERLY WN #11	7375	OIL		6/21/1977	8/21/1977	255	37E	24	1490 FWL 990 FNL

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300252595880000	BRETTIS BOYLE & STOVALL, INC.	B T LANEHART 6	3550	PLUGOIL	PLUGGED	9/6/1977	10/21/1977	255	37E	21	1550 FEL 990 FNL
3002525960000	OXY USA INC	ARNOTT RAMSAY NCT E #8	3700	PLUGOIL	PLUGGED	9/7/1977	10/4/1977	255	37E	16	660 FEL 1980 FSL
3002525970000	OXY USA INC	ARNOTT RAMSAY NCT E 9	3700	PLUGOIL	PLUGGED	11/1/1977	1/16/1978	255	37E	16	1980 FEL 1980 FSL
30025257420000	FAE II Operating LLC	LANEHART 22 1	3655	OIL	[33820] JALMAT; TAN-VATES-7 RVRs (OIL); [79240] JALMAT; TAN-VATES-7 RVRs (GAS)	12/21/1977	3/3/1978	255	37E	22	660 FNL 660 FNL
30025258420000	HERMAN L LOEB LLC	MOBIL #1	3450	PLUGGAS	PLUGGED	3/9/1978	5/3/1978	255	37E	22	2180 FNL 1980 FNL
30025258990000	BP AMERICA PRODUCTION COMPANY	LANGUE B FEDERAL #3	3711	PLUGGAS	PLUGGED	5/12/1978	7/6/1978	255	37E	15	400 FNL 2130 FNL
3002525900000	BP AMERICA PRODUCTION COMPANY	LANGUE B FEDERAL 4	3700	PLUGOIL	PLUGGED	5/23/1978	10/20/1978	255	37E	15	900 FNL 990 FNL
3002525930000	BP AMERICA PRODUCTION COMPANY	LANGUE B FEDERAL TR 6	6119	PLUGOIL	PLUGGED	6/16/1978	1/28/1979	255	37E	14	400 FNL 2310 FSL
30025259660000	OXY USA INC	ARNOTT RAMSAY NCT E 10	3700	PLUGOIL	PLUGGED	7/8/1978	7/24/1978	255	37E	16	660 FEL 1980 FNL
30025259830000	DC ENERGY LLC	CROSSY DEEP 4	8894	PLUGOIL	PLUGGED	8/4/1978	10/2/1978	255	37E	33	1980 FNL 785 FNL
30025260770000	BURLESON PETROLEUM, INC	SAUNDERS ESTATE 3	3400	PLUGGAS	PLUGGED	9/30/1978	10/31/1978	255	37E	28	660 FNL 660 FNL
30025260840000	PROVIDENCE ENERGY SERVICES INC.-KELTON OP C	FEDERAL X #2	3700	OIL	[37240] LANGUE MATTX; 7 RVRs-Q-GRAYBURG	10/3/1978	10/31/1978	255	37E	15	330 FNL 660 FSL
30025260850000	PROVIDENCE ENERGY SERVICES INC.-KELTON OP C	FEDERAL X #3	3703	OIL	[37240] LANGUE MATTX; 7 RVRs-Q-GRAYBURG	10/12/1978	11/1/1978	255	37E	15	330 FNL 1980 FSL
30025261550000	BURLESON PETROLEUM, INC	LANEHART 4	3530	PLUGOIL	PLUGGED	11/30/1978	1/30/1979	255	37E	21	330 FNL 1550 FSL
30025261910000	BURLESON & HUF	COLL A #2	3330	PLUGGAS	PLUGGED	5/2/1979	8/20/1979	255	37E	29	330 FEL 1980 FNL
30025263190000	BURLESON LEWIS INC INCORPORATED	HORNEN 3	3400	PLUGGAS	PLUGGED	6/27/1979	10/10/1979	255	37E	20	1650 FEL 1650 FSL
30025263330000	HERMAN L LOEB LLC	FEDERAL 1	3340	PLUGOIL	PLUGGED	7/6/1979	8/21/1979	255	37E	21	890 FNL 2210 FNL
30025264830000	LANEKCO INC	JUSTIS C FEDERAL #1	3450	GAS	[37240] LANGUE MATTX; 7 RVRs-Q-GRAYBURG	1/12/1980	2/18/1980	255	37E	11	2310 FEL 330 FSL
30025265380000	FAE II Operating LLC	ODESSA LANGUE FEDERAL 1	3443	GAS	[37240] LANGUE MATTX; 7 RVRs-Q-GRAYBURG	11/11/1979	12/3/1979	255	37E	14	660 FEL 1650 FSL
30025265390000	FAE II Operating LLC	SANTA FE FEDERAL 1	3400	GAS	[79240] JALMAT; TAN-VATES-7 RVRs (GAS)	11/21/1979	12/13/1979	255	37E	27	660 FNL 660 FSL
30025266310000	HERMAN L LOEB LLC	SHAHAN 1	3244	PLUGOIL	PLUGGED	2/20/1980	4/1/1980	255	37E	33	2310 FEL 330 FSL
30025267000000	LANEKCO INC	JUSTIS C FEDERAL #2	3450	GAS	[37240] LANGUE MATTX; 7 RVRs-Q-GRAYBURG	3/3/1980	5/9/1980	255	37E	11	660 FEL 330 FSL
30025267080000	LANEKCO INC	EL PASO TOM FEDERAL 1	3330	PLUGGAS	PLUGGED	3/21/1980	8/20/1980	255	37E	33	330 FNL 330 FNL
30025267240000	MERIDIAN OIL INCORPORATED	CARLSON-HARRISON FED 3	3300	PLUGGAS	PLUGGED	4/7/1980	5/17/1980	255	37E	27	660 FNL 1980 FNL
30025267250000	LANEKCO INC	EL PASO TOM FEDERAL 2	3300	PLUGOIL	PLUGGED	3/29/1980	7/30/1980	255	37E	33	330 FNL 1630 FNL
30025268190000	FAE II Operating LLC	B T LANEHART 7	3450	OIL	[33820] JALMAT; TAN-VATES-7 RVRs (OIL)	6/2/1980	10/6/1980	255	37E	21	1650 FNL 1650 FNL
30025268280000	ROBERSON JIMMY ENERGY CORPORATION	G D RIGGS A #1	10666	PLUGOIL	PLUGGED	12/6/1980	4/6/1981	265	37E	1	2290 FNL 1650 FNL
30025269190000	LANEKCO INC	EL PASO TOM FEDERAL 3	3300	PLUGGAS	PLUGGED	9/10/1980	10/23/1980	255	37E	33	1650 FNL 2310 FNL
30025269590000	FAE II Operating LLC	TERRA CARLSON FEDERAL 1	3452	OIL	[37240] LANGUE MATTX; 7 RVRs-Q-GRAYBURG	7/31/1980	8/22/1980	255	37E	26	2310 FNL 330 FNL
30025269910000	LANEKCO INC	ANNOTT RAMSEY STATE #4	1591	PA-Water	PLUGGED	10/8/1980	3/1/1981	255	37E	16	100 FEL 515 FSL
30025271770000	AMERICAN INLAND RESOURCES COMPANY LLC	CROSSY A 3	3400	PLUGOIL	PLUGGED	12/8/1980	3/18/1981	255	37E	28	660 FNL 660 FSL
30025271920000	FAE II Operating LLC	TERRA CARLSON B FEDERAL 1	3375	GAS	[37240] LANGUE MATTX; 7 RVRs-Q-GRAYBURG	12/16/1980	1/4/1981	255	37E	26	1650 FEL 990 FSL
30025272450000	ENDEAVOR ENERGY RESOURCES, LP	TERRA FEDERAL #1	3470	PLUGOIL	PLUGGED	2/13/1981	5/4/1981	255	37E	22	2310 FNL 1980 FSL
30025272800000	AMERICAN INLAND RESOURCES COMPANY LLC	CROSSY A #4	3419	PLUGOIL	PLUGGED	6/17/1981	8/17/1981	255	37E	29	660 FEL 660 FSL
30025274280000	POGO PRODUCING CO	ARNOTT RAMSAY NCT E 11	3764	PLUGGAS	PLUGGED	12/9/1981	3/10/1982	255	37E	16	1980 FEL 1980 FNL
30025274490000	ENDEAVOR ENERGY RESOURCES, LP	TERRA FEDERAL #2	3470	GAS	[79240] JALMAT; TAN-VATES-7 RVRs (GAS)	6/7/1981	4/6/1982	255	37E	22	2310 FNL 990 FSL
30025275710000	FAE II Operating LLC	ANNOTT RAMSAY NCT E 12	3803	OIL	[37240] LANGUE MATTX; 7 RVRs-Q-GRAYBURG ; [79240] JALMAT; TAN-VATES-7 RVRs (GAS)	12/3/1981	3/31/1982	255	37E	16	1980 FNL 660 FNL
30025276830000	ANTWEL MORRIS R	UNION FEDERAL 1	3375	PLUGOIL	PLUGGED	12/26/1981	3/22/1982	255	37E	27	330 FEL 1980 FNL
30025278190000	LEGACY RESERVES OPERATING, LP	WIMBERLY VLN #12	3442	GAS	[37240] LANGUE MATTX; 7 RVRs-Q-GRAYBURG	6/17/1982	8/29/1982	255	37E	24	330 FNL 330 FNL
30025278370000	ENERVEST OPERATING LLC	JUSTIS BM 11	3150	PLUGGAS	PLUGGED	12/1/1982	12/17/1982	255	37E	20	2210 FEL 1980 FNL
30025279520000	ARCO OIL & GAS CORPORATION	WIMBERLY VLN 13	3500	DHGS	PLUGGED	10/10/1982	6/2/1983	255	37E	23	1980 FNL 660 FNL
30025285080000	LANEKCO INC	EL PASO TOM FEDERAL 5	3210	GAS	[79240] JALMAT; TAN-VATES-7 RVRs (GAS)	1/12/1984	3/4/1984	255	37E	33	660 FNL 1650 FNL
30025293580000	FAE II Operating LLC	CARLSON HARRISON FEDERAL COM 4	3625	GAS	[37240] LANGUE MATTX; 7 RVRs-Q-GRAYBURG ; [79240] JALMAT; TAN-VATES-7 RVRs (GAS)	8/4/1985	9/13/1985	255	37E	22	660 FNL 1650 FSL
30025293730000	CIMAREX ENERGY CO. OF COLORADO	CARLSON FEDERAL 4	3800	PLUGOIL	PLUGGED	9/10/1985	10/4/1985	255	37E	23	990 FEL 990 FSL
30025295240000	CIMAREX ENERGY CO. OF COLORADO	CARLSON HARRISON FEDERAL COM #5	3350	PLUGGAS	PLUGGED	11/18/1985	12/30/1985	255	37E	27	1650 FNL 1730 FNL
30025295290000	FAE II Operating LLC	CARLSON 5	3441	GAS	[37240] LANGUE MATTX; 7 RVRs-Q-GRAYBURG	12/10/1985	1/6/1986	255	37E	26	990 FEL 1730 FNL
300252952920000	BURLESON PETROLEUM, INC	NANCY FEDERAL COM 1	3400	PLUGOIL	PLUGGED	12/8/1985	1/21/1986	255	37E	28	2310 FNL 990 FSL
30025295390000	DC ENERGY LLC	GREGORY A 8	3535	PLUGGAS	PLUGGED	12/18/1985	1/21/1986	255	37E	33	990 FEL 2310 FSL
30025295790000	FAE II Operating LLC	DABBS 3	3375	GAS	[37240] LANGUE MATTX; 7 RVRs-Q-GRAYBURG ; [79240] JALMAT; TAN-VATES-7 RVRs (GAS)	8/29/1989	9/8/1989	255	37E	34	660 FNL 990 FSL

FAE II Operating LLC

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30025307470000	BXP Operating, LLC	LANGUE MATTIX QUEEN UNIT #41	3650	OIL	[37240] LANGUE MATTIX-7 RVS-Q-GRAYBURG	1/4/1990	4/12/1990	255	37E	15	1300 FEL 1300 FNL
30025307500000	BXP Operating, LLC	LANGUE MATTIX QUEEN UNIT #44	3655	PLUG/OIL	PLUGGED	1/15/1990	5/9/1990	255	37E	14	175 FEL 1300 FNL
300253099740000	BLACKBOARD OPERATING, LLC	LANGUE MATTIX WATER SUPPLY #1	4500	WSW	[96892] WSW-GRAYBURG-SAN ANDRES	10/24/1990	2/13/1991	255	37E	15	1300 FEL 1216 FNL
30025310580000	FAE II Operating LLC	AIRPORT 1	3561.9	OIL	[37240] LANGUE MATTIX-7 RVS-Q-GRAYBURG	1/17/1991	1/27/1991	255	37E	22	330 FNL 1500 FNL
30025312020000	FULTER OIL & CATTLE LLC	COMANCHERO 2	3050	GAS	[79240] JALMATI-AN-VATES-7 RVS (GAS)	4/14/1991	5/24/1991	255	37E	15	990 FEL 1640 FNL
30025312790000	P & S BRINE SALE LP	ARNOTT RAMSEY STATE #6	1500	PA-Water	PLUGGED	12/26/1993	12/28/1993	255	37E	16	93 FEL 581 FSL
30025313240000	CINARX ENERGY CO OF COLORADO	CAGLE C #4	3100	PLUGGAS	PLUGGED	8/23/1991	9/30/1991	265	37E	3	650 FNL 1980 FSL
30025313460000	FINA OIL & CHEMICAL COMPANY	WHITE FANG 1	8925	DHSORG	PLUGGED	1/29/1992	4/8/1992	255	38E	30	950 FNL 456 FSL
30025313860000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #240	6080	INJECT	[34220] JUSTIS-BLINEBRY-TUBB-DRINKARD	10/21/1992	11/25/1992	255	37E	25	330 FNL 2250 FNL
30025315900000	ARCO PERMAN	IDA WIMBERLEY 18	4640	PLUGOIL	PLUGGED	11/21/1992	12/1/1992	255	37E	24	330 FNL 1350 FNL
30025317590000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #202	6050	TA	[34220] JUSTIS-BLINEBRY-TUBB-DRINKARD	11/28/1992	2/26/1993	255	37E	24	350 FNL 1450 FNL
30025317600000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #182N	6075	INJECT	[34220] JUSTIS-BLINEBRY-TUBB-DRINKARD	11/15/1992	3/17/1993	255	37E	13	2550 FNL 1150 FSL
30025317770000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #170	6050	INJECT	[34220] JUSTIS-BLINEBRY-TUBB-DRINKARD	12/15/1992	6/26/1993	255	37E	13	330 FNL 2300 FNL
30025317800000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #180	6050	PLUGINI	PLUGGED	12/15/1992	7/8/1993	255	37E	13	400 FNL 990 FSL
30025317990000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #230	6050	INJECT	[34220] JUSTIS-BLINEBRY-TUBB-DRINKARD	11/6/1992	3/5/1993	255	37E	26	990 FEL 990 FNL
30025317800000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #230	6050	INJECT	[34220] JUSTIS-BLINEBRY-TUBB-DRINKARD	11/21/1992	1/15/1993	255	37E	25	340 FNL 890 FNL
30025319990000	FAE II Operating LLC	EL PASO TOM FEDERAL 8	3000	GAS	[33820] JALMATI-AN-VATES-7 RVS (OIL) ; [79240] JALMATI-AN-VATES-7 RVS (GAS)	3/3/1993	3/30/1993	255	37E	33	660 FEL 660 FSL
30025318040000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #212	6050	INJECT	[34220] JUSTIS-BLINEBRY-TUBB-DRINKARD	12/1/1992	6/1/1993	255	37E	24	280 FNL 1350 FSL
30025318250000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #190	6050	INJECT	[34220] JUSTIS-BLINEBRY-TUBB-DRINKARD	1/18/1993	6/10/1993	255	37E	23	1100 FEL 200 FNL
30025318260000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #200	6050	INJECT	[34220] JUSTIS-BLINEBRY-TUBB-DRINKARD	1/5/1993	6/17/1993	255	37E	23	1000 FEL 1450 FNL
30025318270000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #200	6050	INJECT	[34220] JUSTIS-BLINEBRY-TUBB-DRINKARD	12/21/1992	3/22/1993	255	37E	24	1250 FNL 2500 FNL
30025318280000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #210	6050	INJECT	[34220] JUSTIS-BLINEBRY-TUBB-DRINKARD	12/21/1992	3/17/1993	255	37E	24	150 FNL 2500 FNL
30025318600000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #190	6050	INJECT	[34220] JUSTIS-BLINEBRY-TUBB-DRINKARD	2/23/1993	3/26/1993	255	37E	24	150 FNL 200 FNL
30025318610000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #190	5850	INJECT	[34220] JUSTIS-BLINEBRY-TUBB-DRINKARD	2/12/1993	4/7/1993	255	37E	23	2350 FEL 200 FNL
30025318620000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #222	6050	INJECT	[34220] JUSTIS-BLINEBRY-TUBB-DRINKARD	3/26/1993	5/19/1993	255	37E	24	1310 FNL 1310 FSL
30025318630000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #220	6050	INJECT	[34220] JUSTIS-BLINEBRY-TUBB-DRINKARD	4/5/1993	5/26/1993	255	37E	24	300 FNL 80 FSL
30025318640000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #232	6050	INJECT	[34220] JUSTIS-BLINEBRY-TUBB-DRINKARD	4/15/1993	6/22/1993	255	37E	26	1175 FEL 140 FNL
30025318650000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #202	6050	INJECT	[34220] JUSTIS-BLINEBRY-TUBB-DRINKARD	4/24/1993	6/22/1993	255	37E	23	2300 FEL 1275 FNL
30025318660000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #192	6000	INJECT	[34220] JUSTIS-BLINEBRY-TUBB-DRINKARD	1/30/1993	4/5/1993	255	37E	24	1330 FNL 160 FNL
30025318670000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #192	6150	INJECT	[34220] JUSTIS-BLINEBRY-TUBB-DRINKARD	3/16/1993	5/5/1993	255	37E	24	1560 FNL 1200 FNL
30025318680000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #190	6150	INJECT	[34220] JUSTIS-BLINEBRY-TUBB-DRINKARD	3/6/1993	5/4/1993	255	37E	24	2350 FEL 1200 FNL
30025318690000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #210K	6050	INJECT	[34220] JUSTIS-BLINEBRY-TUBB-DRINKARD	6/1/1993	8/18/1993	255	37E	24	2300 FNL 1350 FSL
30025319380000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #190	6050	INJECT	[34220] JUSTIS-BLINEBRY-TUBB-DRINKARD	7/21/1993	9/3/1993	255	37E	24	2450 FEL 1090 FNL
30025319390000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #200F	6050	INJECT	[34220] JUSTIS-BLINEBRY-TUBB-DRINKARD	5/14/1993	8/4/1993	255	37E	24	2350 FNL 2350 FNL
30025319400000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #200	6050	INJECT	[34220] JUSTIS-BLINEBRY-TUBB-DRINKARD	5/14/1993	7/30/1993	255	37E	24	1350 FNL 200 FNL
30025319410000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #200	6050	INJECT	[34220] JUSTIS-BLINEBRY-TUBB-DRINKARD	7/10/1993	8/24/1993	255	37E	24	1450 FEL 2690 FNL
30025319610000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #210	6050	INJECT	[34220] JUSTIS-BLINEBRY-TUBB-DRINKARD	9/11/1993	10/21/1993	255	37E	23	1050 FEL 1370 FSL
30025319620000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #220	6050	INJECT	[34220] JUSTIS-BLINEBRY-TUBB-DRINKARD	6/21/1993	7/30/1993	255	37E	24	1450 FEL 150 FSL
30025319630000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #220	6050	INJECT	[34220] JUSTIS-BLINEBRY-TUBB-DRINKARD	5/23/1993	7/29/1993	255	37E	24	2550 FEL 120 FSL
30025319640000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #210	6050	INJECT	[34220] JUSTIS-BLINEBRY-TUBB-DRINKARD	6/30/1993	8/25/1993	255	37E	24	1450 FEL 1400 FSL
30025319670000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #202	6050	PLUGINI	PLUGGED	5/4/1993	7/15/1993	255	37E	23	2350 FEL 2500 FNL
30025319830000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #170	6050	INJECT	[34220] JUSTIS-BLINEBRY-TUBB-DRINKARD	10/21/1993	1/8/1994	255	37E	13	1365 FNL 2250 FSL
30025319840000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #180	6050	INJECT	[34220] JUSTIS-BLINEBRY-TUBB-DRINKARD	10/22/1993	12/14/1993	255	37E	13	1580 FNL 1150 FSL
30025319850000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #200	6050	INJECT	[34220] JUSTIS-BLINEBRY-TUBB-DRINKARD	8/7/1993	9/19/1993	255	37E	14	1500 FNL 2500 FNL
30025319860000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #240	6050	INJECT	[34220] JUSTIS-BLINEBRY-TUBB-DRINKARD	9/3/1993	10/21/1993	255	37E	25	2430 FEL 2150 FNL
30025319880000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #240	6050	INJECT	[34220] JUSTIS-BLINEBRY-TUBB-DRINKARD	9/23/1993	11/24/1993	255	37E	23	1650 FNL 390 FNL
30025320200000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #251	4200	INJECT	[96221] WSW-SAN ANDRES	10/6/1993	11/19/1993	255	37E	13	2000 FNL 200 FSL
30025320700000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #170	6050	TA	[34220] JUSTIS-BLINEBRY-TUBB-DRINKARD	9/21/1993	10/26/1993	255	37E	25	1415 FEL 2095 FSL
30025320710000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #170	6050	INJECT	[34220] JUSTIS-BLINEBRY-TUBB-DRINKARD	12/14/1993	2/15/1994	255	37E	14	2250 FEL 2450 FSL
30025320730000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #180	6050	INJECT	[34220] JUSTIS-BLINEBRY-TUBB-DRINKARD	11/13/1993	1/4/1994	255	37E	14	1050 FEL 2250 FSL
30025320740000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #180	6050	INJECT	[34220] JUSTIS-BLINEBRY-TUBB-DRINKARD	11/30/1993	1/20/1994	255	37E	14	2330 FEL 1000 FSL
30025320750000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #250	6050	INJECT	[34220] JUSTIS-BLINEBRY-TUBB-DRINKARD	8/26/1993	10/21/1993	255	37E	26	2310 FEL 1500 FSL
30025320760000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #250K	6050	INJECT	[34220] JUSTIS-BLINEBRY-TUBB-DRINKARD	8/17/1993	10/13/1993	255	37E	25	1650 FNL 1650 FSL

FAE II Operating LLC

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30025320770000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #260M	6050	INECT	[34220] JUSTIS-BLINEERY-TUBB-DRINKARD	10/9/1993	11/10/1993	255	37E	25	230 FWL, 250 FSL
30025320780000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #180	6050	INECT	[34220] JUSTIS-BLINEERY-TUBB-DRINKARD	10/18/1993	12/12/1993	255	37E	25	1500 FWL, 1000 FSL
30025320800000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #180	6050	INECT	[34220] JUSTIS-BLINEERY-TUBB-DRINKARD	11/21/1993	1/4/1994	255	37E	14	1050 FEL, 1050 FSL
30025320810000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #180	6050	INECT	[34220] JUSTIS-BLINEERY-TUBB-DRINKARD	10/26/1993	12/12/1993	255	37E	25	2350 FEL, 180 FSL
30025320820000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #162	6050	INECT	[34220] JUSTIS-BLINEERY-TUBB-DRINKARD	10/17/1993	10/25/1993	255	37E	25	300 FWL, 1500 FSL
30025320830000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #160	6050	INECT	[34220] JUSTIS-BLINEERY-TUBB-DRINKARD	11/8/1993	2/4/1994	255	37E	13	1150 FWL, 1750 FNL
30025320840000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #160	6050	INECT	[34220] JUSTIS-BLINEERY-TUBB-DRINKARD	11/17/1993	1/13/1994	255	37E	13	100 FWL, 1600 FNL
30025320850000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #160	6050	INECT	[34220] JUSTIS-BLINEERY-TUBB-DRINKARD	11/27/1993	2/9/1994	255	37E	14	2250 FEL, 1200 FNL
30025320860000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #160	6050	INECT	[34220] JUSTIS-BLINEERY-TUBB-DRINKARD	12/6/1993	1/26/1994	255	37E	14	1100 FEL, 1200 FNL
30025320870000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #170	6040	INECT	[34220] JUSTIS-BLINEERY-TUBB-DRINKARD	2/10/1995	3/11/1995	255	37E	13	2250 FEL, 2250 FSL
30025320880000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #180	6100	INECT	[34220] JUSTIS-BLINEERY-TUBB-DRINKARD	2/9/1995	12/29/1995	255	37E	13	1450 FEL, 1150 FSL
30025320890000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #180	6100	INECT	[34220] JUSTIS-BLINEERY-TUBB-DRINKARD	12/9/1995	11/1/1994	255	37E	23	1700 FWL, 2310 FNL
30025320900000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #150	6050	INECT	[34220] JUSTIS-BLINEERY-TUBB-DRINKARD	12/25/1993	2/15/1994	255	37E	14	1450 FEL, 200 FNL
30025320910000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #200	6050	INECT	[34220] JUSTIS-BLINEERY-TUBB-DRINKARD	1/10/1994	2/16/1994	255	37E	24	650 FEL, 1950 FNL
30025320920000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #019	6050	OIL	[34220] JUSTIS-BLINEERY-TUBB-DRINKARD	12/21/1993	2/4/1994	255	37E	24	707 FEL, 675 FNL
30025320930000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #160	6050	INECT	[34220] JUSTIS-BLINEERY-TUBB-DRINKARD	12/21/1993	5/23/1994	255	37E	13	2500 FWL, 1650 FNL
30025320940000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #190	6150	INECT	[34220] JUSTIS-BLINEERY-TUBB-DRINKARD	12/26/1994	1/24/1995	255	37E	36	1350 FWL, 2500 FNL
30025320950000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #184	6050	INECT	[34220] JUSTIS-BLINEERY-TUBB-DRINKARD	1/8/1995	2/15/1995	255	37E	36	2610 FEL, 1450 FSL
30025320960000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #184	6050	INECT	[34220] JUSTIS-BLINEERY-TUBB-DRINKARD	1/3/1994	2/24/1994	255	37E	11	100 FEL, 30 FSL
30025320970000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #200	6100	PLUGGIN	[34220] JUSTIS-BLINEERY-TUBB-DRINKARD	1/20/1995	2/15/1995	255	37E	13	1450 FEL, 160 FSL
30025320980000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #210	6050	INECT	[34220] JUSTIS-BLINEERY-TUBB-DRINKARD	1/20/1994	3/20/1994	255	37E	24	100 FEL, 2670 FNL
30025320990000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #210	6050	INECT	[34220] JUSTIS-BLINEERY-TUBB-DRINKARD	1/29/1994	3/30/1994	255	37E	24	330 FEL, 1370 FSL
30025321000000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #232	6050	INECT	[34220] JUSTIS-BLINEERY-TUBB-DRINKARD	2/17/1994	4/17/1994	255	37E	25	150 FEL, 1275 FNL
30025321010000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #242	6050	INECT	[34220] JUSTIS-BLINEERY-TUBB-DRINKARD	2/16/1994	4/18/1994	255	37E	25	150 FEL, 2380 FNL
30025321020000	BASIC ENERGY SERVICES, LP	SALADO 2	1420	PA-Water	[34220] JUSTIS-BLINEERY-TUBB-DRINKARD	8/27/1993	9/22/1993	255	37E	20	60 FEL, 1305 FNL
30025321030000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #270	6150	INECT	[34220] JUSTIS-BLINEERY-TUBB-DRINKARD	9/23/1994	10/16/1994	255	37E	36	1475 FEL, 1100 FNL
30025321040000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #280	6150	INECT	[34220] JUSTIS-BLINEERY-TUBB-DRINKARD	12/5/1994	1/6/1995	255	37E	36	220 FEL, 1100 FNL
30025321050000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #280	6150	INECT	[34220] JUSTIS-BLINEERY-TUBB-DRINKARD	10/16/1994	11/8/1994	255	37E	36	150 FEL, 2590 FNL
30025321060000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #194	6050	INECT	[34220] JUSTIS-BLINEERY-TUBB-DRINKARD	1/1/1994	2/9/1994	255	37E	24	1350 FEL, 1100 FNL
30025321070000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #295	6200	INECT	[34220] JUSTIS-BLINEERY-TUBB-DRINKARD	9/13/1994	10/24/1994	255	37E	36	300 FWL, 1100 FNL
30025321080000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #294	6200	INECT	[34220] JUSTIS-BLINEERY-TUBB-DRINKARD	9/13/1994	10/11/1994	255	37E	36	1400 FWL, 1280 FNL
30025321090000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #272	6150	INECT	[34220] JUSTIS-BLINEERY-TUBB-DRINKARD	11/26/1994	1/4/1995	255	37E	36	2600 FWL, 1300 FNL
30025321100000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #296	6150	INECT	[34220] JUSTIS-BLINEERY-TUBB-DRINKARD	12/14/1994	1/10/1995	255	37E	36	1450 FWL, 2450 FNL
30025321110000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #282	6150	INECT	[34220] JUSTIS-BLINEERY-TUBB-DRINKARD	10/6/1994	10/29/1994	255	37E	36	2580 FWL, 2550 FNL
30025321120000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #293	6150	INECT	[34220] JUSTIS-BLINEERY-TUBB-DRINKARD	10/27/1994	11/18/1994	255	37E	36	1400 FWL, 1500 FSL
30025321130000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #297	6150	INECT	[34220] JUSTIS-BLINEERY-TUBB-DRINKARD	11/5/1994	12/16/1994	255	37E	36	1180 FEL, 1000 FSL
30025321140000	LEGACY RESERVES OPERATING, LP	IDA WIMBERLEY #020	3350	OIL	[37240] LANGLIE MATTIX-7 RVRS-Q-GRAVBURG	1/30/1995	4/18/1995	255	37E	25	660 FWL, 2310 FSL
30025321150000	LEGACY RESERVES OPERATING, LP	STATE Y #11	3350	GAS	[37240] LANGLIE MATTIX-7 RVRS-Q-GRAVBURG	4/28/1995	5/26/1995	255	37E	25	330 FEL, 990 FSL
30025321160000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #298	6100	OIL	[37240] LANGLIE MATTIX-7 RVRS-Q-GRAVBURG	5/8/1995	6/9/1995	255	37E	25	2235 FEL, 405 FNL
30025321170000	LEGACY RESERVES OPERATING, LP	IDA WIMBERLEY GAS COM #1	6700	GAS	[37240] LANGLIE MATTIX-7 RVRS-Q-GRAVBURG	5/22/1996	8/5/1996	255	37E	25	1980 FEL, 1890 FNL
30025321180000	LEGACY RESERVES OPERATING, LP	IDA WIMBERLEY #22	6600	GAS	[37240] LANGLIE MATTIX-7 RVRS-Q-GRAVBURG	8/5/1996	10/21/1997	255	37E	25	1697 FEL, 2341 FNL
30025321190000	LEGACY RESERVES OPERATING, LP	JUSTIS 25 FEDERAL 1	6813	GAS	[96543] JUSTIS-ABO, MID (GAS)	8/26/1997	9/18/1997	255	37E	25	2219 FWL, 1661 FSL
30025321200000	WHITTING OIL AND GAS CORPORATION	JUSTIS 25 FEDERAL 2	6880	GAS	[96543] JUSTIS-ABO, MID (GAS)	8/21/1997	9/18/1997	255	37E	25	2219 FWL, 1661 FSL
30025321210000	FAE II Operating LLC	CAGLE C #5	3498	GAS	[37240] LANGLIE MATTIX-7 RVRS-Q-GRAVBURG	11/1/1999	1/17/2000	265	37E	3	1980 FWL, 990 FSL
30025321220000	ARCH PETROLEUM INC	LEARCY MCBURFINGTON 13	510	PLUGOIL	[79240] JALMA-TAN-VATES-7 RVRS (GAS)	4/6/2000	4/10/2000	255	37E	13	2530 FEL, 630 FSL
30025321230000	J R OIL, LTD. CO.	LEARCY MCBURFINGTON 13-Y	7150	OIL	[35150] JUSTIS-MONTVOA, [96630] JUSTIS-ABO, CENTRAL	4/13/2000	6/11/2000	255	37E	13	2490 FEL, 630 FSL
30025321240000	FAE II Operating LLC	AIRPORT 2	3400	GAS	[79240] JALMA-TAN-VATES-7 RVRS (GAS)	1/11/2001	4/29/2001	255	37E	22	990 FWL, 2010 FNL
30025321250000	SALADO BRINE SALTS	LANGIE FEDERAL #1	2100	PA-Water	PLUGGED	10/27/1980	11/11/1980	255	37E	14	728 FEL, 1151 FSL
30025321260000	FAE II Operating LLC	HENRY #6	3405	LOC-INU	Injector Location	TBD	TBD	255	37E	26	1562 FSL, 1322 FWL
30025321270000	FAE II Operating LLC	HENRY #5	3500	LOC-INU	Injector Location	TBD	TBD	255	37E	26	1709 FSL, 212 FWL
30025321280000	FAE II Operating LLC	HENRY #8	3400	LOC-INU	Injector Location	TBD	TBD	255	37E	26	962 FSL, 1555 FNL
30025321290000	FAE II Operating LLC	ALSTON #5	3500	LOC-INU	Injector Location	TBD	TBD	255	37E	27	962 FSL, 336 FNL
30025321300000	FAE II Operating LLC	Harrison Federal #5	3500	LOC-INU	Injector Location	TBD	TBD	255	37E	27	2375 FEL, 1415 FSL

FAE II Operating LLC

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30025 INJ LOC3	FAE II Operating LLC	CARLSON A #4	3500	LOC-INJ	Injector Location	TBD	TBD	255	37E	22	2325 FEL 255 FSL
30025 INJ LOC4	FAE II Operating LLC	Harrison Federal #6	3500	LOC-INJ	Injector Location	TBD	TBD	255	37E	22	950 FEL 1355 FSL
30025 INJ LOC5	FAE II Operating LLC	CARLSON A #5	3500	LOC-INJ	Injector Location	TBD	TBD	255	37E	23	330 FWL 1365 FSL
30025 INJ LOC7	FAE II Operating LLC	ALSTON #7	3500	LOC-INJ	Injector Location	TBD	TBD	255	37E	26	1174 FNL 960 FWL
30025 INJ LOC8	FAE II Operating LLC	ALSTON #6	3500	LOC-INJ	Injector Location	TBD	TBD	255	37E	26	137 FNL 1210 FWL
30025 INJ LOC9	FAE II Operating LLC	ALSTON #8	3500	LOC-INJ	Injector Location	TBD	TBD	255	37E	26	2360 FNL 212 FWL
30025 SIU LOC1	FAE II Operating LLC	Harrison Federal #7	3500	LOC	Location	TBD	TBD	255	37E	22	300 FEL 1795 FSL
30025 SIU LOC2	FAE II Operating LLC	CARLSON A #6	3500	LOC	Location	TBD	TBD	255	37E	22	335 FEL 835 FSL
30025 SIU LOC3	FAE II Operating LLC	HENRY #7	3400	LOC	Location	TBD	TBD	255	37E	26	960 FSL 862 FWL
30025 SIU LOC4	FAE II Operating LLC	CARLSON FEDERAL B 27 #3	3500	LOC	Location	TBD	TBD	255	37E	27	994 FSL 342 FEL
30025 SIU LOC5	FAE II Operating LLC	Harrison Federal 23 #2	3400	LOC	Location	TBD	TBD	255	37E	23	940 FSL 1116 FWL

FAE II Operating LLC

SU Queen Pilot
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UWI/API	OPERATOR	WELL LABEL	TD	WELL TYPE	CURRENT ZONE	Distance from Carlson A.1 (feet)	SPUD DATE	COMP DATE	TOWNSHIP	RANGE	SECTION	FOOTAGE
30025116970000	FAE II Operating LLC	CARLSON A #1	3327	OIL	[37240] LANGLE MATTKX7 RVS-Q-GRAYBURG	0	9/30/1938	11/27/1938	255	37E	22	957 FEEL 380 FSL
30025117090000	AMERICAN EXPLORATION COMPANY	ALSTON #3	3345	PLUGOIL	PLUGGED	662.15	3/24/1938	4/17/1938	255	37E	27	990 FSL 330 FSL
30025 SIU LOC2	FAE II Operating LLC	CARLSON A #6	3500	LOC	Location	812.32	TBD	TBD	255	37E	22	330 FSL 335 FSL
30025116960000	FAE II Operating LLC	CARLSON A #2	3354	OIL	[37240] LANGLE MATTKX7 RVS-Q-GRAYBURG	927.28	10/27/1938	11/18/1938	255	37E	27	1650 FSL 990 FSL
30025118080000	HAMILTON DOME OIL COMPANY	CARLSON-FEDERAL B.1	3364	PLUGOIL	PLUGGED	937.21	11/4/1938	1/31/1939	255	37E	27	1650 FSL 330 FSL
30025 INU LOC4	FAE II Operating LLC	Harrison Federal #6	3500	LOC-INU	Injector Location	1099.36	TBD	TBD	255	37E	22	950 FSL 1355 FSL
30025 INU LOC3	FAE II Operating LLC	CARLSON A #4	3347	LOC-INU	PLUGGED	1332.32	2/27/1938	3/10/1938	255	37E	23	2325 FSL 255 FSL
30025 INU LOC3	FAE II Operating LLC	ALSTON #5	3500	LOC-INU	Injector Location	1366.45	TBD	TBD	255	37E	22	330 FSL 360 FSL
30025116990000	FAE II Operating LLC	Harrison Federal #3	3409	OIL	[37240] LANGLE MATTKX7 RVS-Q-GRAYBURG	1421.22	TBD	TBD	255	37E	27	962 FSL 356 FSL
30025117060000	AMERICAN EXPLORATION COMPANY	ALSTON I	3365	PLUGOIL	PLUGGED	1470.2	8/15/1938	9/11/1938	255	37E	22	1650 FSL 1650 FSL
30025 SIU LOC1	FAE II Operating LLC	Harrison Federal #7	3500	LOC	Location	1474.45	11/9/1937	1/14/1938	255	37E	26	300 FSL 340 FSL
30025 INU LOC5	FAE II Operating LLC	CARLSON A #5	3500	LOC-INU	Injector Location	1519.63	TBD	TBD	255	37E	22	300 FSL 1795 FSL
30025 INU LOC2	FAE II Operating LLC	Harrison Federal #5	3500	LOC-INU	Injector Location	1554.72	TBD	TBD	255	37E	23	330 FSL 1365 FSL
30025116990000	FAE II Operating LLC	Harrison Federal #002	3366	SWD	[37240] LANGLE MATTKX7 RVS-Q-GRAYBURG ; [96117] SWD-QUEEN	1797.19	7/6/1938	7/29/1938	255	37E	22	990 FSL 2310 FSL
3002527490000	ENDEAVOR ENERGY RESOURCES, LP	TERRA FEDERAL #2	3470	GAS	[79240] MAMMATTAN-VATES7 RVS (GAS)	2070.3	6/7/1981	4/6/1982	255	37E	22	2310 FSL 990 FSL
30025117090000	ANDERSON-PRICHAUD OIL CORP	HARRISON 4	3349	DHSO&G	PLUGGED	2086.2	10/8/1938	1/4/1939	255	37E	27	330 FSL 1650 FSL
30025 SIU LOC5	FAE II Operating LLC	Harrison Federal #3 #2	3400	LOC	Location	2167.7	TBD	TBD	255	37E	23	940 FSL 1116 FSL
30025 INU LOC8	FAE II Operating LLC	ALSTON #6	3500	LOC-INU	Injector Location	2217.95	TBD	TBD	255	37E	26	137 FSL 1210 FSL
30025117990000	AMERICAN EXPLORATION COMPANY	ALSTON I	3342	PLUGOIL	PLUGGED	2375.54	2/11/1938	3/15/1938	255	37E	26	330 FSL 1650 FSL
30025117090000	SAVITA FE ENERGY RESOURCES INCORPORATED	CARLSON A #3	3345	PLUGOIL	PLUGGED	2386.71	12/13/1938	1/15/1939	255	37E	23	330 FSL 2310 FSL
30025276930000	ANTWEIL MORRIS R	UNION FEDERAL 1	3375	PLUGOIL	PLUGGED	2398.23	12/26/1981	3/22/1982	255	37E	27	330 FSL 1980 FSL
30025 INU LOC7	FAE II Operating LLC	ALSTON #7	3500	LOC-INU	Injector Location	2435.87	TBD	TBD	255	37E	26	1174 FSL 960 FSL
30025272450000	ENDEAVOR ENERGY RESOURCES, LP	TERRA FEDERAL #1	3470	PLUGOIL	PLUGGED	2556.34	2/13/1981	5/1/1981	255	37E	22	2310 FSL 1980 FSL

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UWI/API	OPERATOR	WELL LABEL	TD	WELL TYPE	CURRENT ZONE	Distance from Harrison 1 (feet)	SPUD DATE	COMP DATE	TOWNSHIP	RANGE	SECTION	FOOTAGE
30025117020000	PERMIAN RESOURCES INC	HARRISON #1	3347	PLUGOIL	PLUGGED	0	2/27/1938	3/10/1938	255	37E	23	330 FSL 360 FSL
30025117060000	AMERICAN EXPLORATION COMPANY	ALSTON 1	3365	PLUGOIL	PLUGGED	662.16	11/9/1937	1/14/1938	255	37E	26	330 FSL 330 FSL
30025 SIU LOC2	FAE II Operating LLC	CARLSON A #6	3500	LOC	Location	867.28	TBD	TBD	255	37E	22	335 FSL 835 FSL
30025 INU LOC8	FAE II Operating LLC	ALSTON #6	3500	LOC-INU	Injector Location	964.21	TBD	TBD	255	37E	26	137 FSL 1210 FSL
30025 SIU LOC5	FAE II Operating LLC	Harrison Federal #3 #2	3400	LOC	Location	975.82	TBD	TBD	255	37E	23	940 FSL 1116 FSL
30025 INU LOC5	FAE II Operating LLC	CARLSON A #5	3500	LOC-INU	Injector Location	1046.11	TBD	TBD	255	37E	23	330 FSL 1365 FSL
30025 INU LOC3	FAE II Operating LLC	CARLSON A #1	3327	OIL	[37240] LANGLE MATTKX7 RVS-Q-GRAYBURG	1322.32	9/30/1938	11/27/1938	255	37E	22	957 FSL 330 FSL
30025118070000	AMERICAN EXPLORATION COMPANY	ALSTON #3	3500	LOC-INU	Injector Location	1460.95	3/24/1938	4/17/1938	255	37E	27	962 FSL 336 FSL
30025 INU LOC7	FAE II Operating LLC	ALSTON #3	3500	LOC-INU	PLUGGED	1480.48	TBD	TBD	255	37E	27	990 FSL 330 FSL
30025 SIU LOC1	FAE II Operating LLC	Harrison Federal #7	3500	LOC	Location	1511.98	TBD	TBD	255	37E	26	1174 FSL 960 FSL
30025 INU LOC4	FAE II Operating LLC	Harrison Federal #6	3500	LOC-INU	Injector Location	1617.63	TBD	TBD	255	37E	22	300 FSL 1795 FSL
30025117070000	FAE II Operating LLC	CARLSON FEDERAL 2	3314	GAS	[37240] LANGLE MATTKX7 RVS-Q-GRAYBURG ; [79240] MAMMATTAN-VATES7 RVS (GAS)	1682.72	9/27/1955	12/8/1955	255	37E	23	1980 FSL 660 FSL
30025117890000	ITALO PETROLEUM CORPORATION	CARLSON B.26 1	3341	PLUGOIL	PLUGGED	1867.09	3/26/1939	4/25/1939	255	37E	26	1650 FSL 990 FSL
30025117090000	AMERICAN EXPLORATION COMPANY	ALSTON 2	3342	PLUGOIL	PLUGGED	1979.18	2/11/1938	3/15/1938	255	37E	26	330 FSL 1650 FSL
30025117090000	SAVITA FE ENERGY RESOURCES INCORPORATED	CARLSON A #3	3345	PLUGOIL	PLUGGED	1979.19	12/13/1938	1/15/1939	255	37E	23	330 FSL 2310 FSL
30025239610000	LEGACY RESERVES OPERATING, LP	EL PASO FEDERAL #2	7415	TA	[34220] JUSTIS-BLINBERY-TIBB-DRINKARD	2005.13	1/11/1969	3/17/1969	255	37E	23	2310 FSL 660 FSL
30025116960000	FAE II Operating LLC	CARLSON A #2	3354	OIL	[37240] LANGLE MATTKX7 RVS-Q-GRAYBURG	2084.91	10/27/1938	11/18/1938	255	37E	22	1650 FSL 990 FSL
30025118040000	ANDERSON-PRICHAUD OIL CORP	TERRA CARLSON FEDERAL 1	3452	OIL	[37240] LANGLE MATTKX7 RVS-Q-GRAYBURG	2088.12	7/31/1980	8/22/1980	255	37E	26	2310 FSL 330 FSL
30025118080000	HAMILTON DOME OIL COMPANY	HARRISON 4	3349	DHSO&G	PLUGGED	2091.94	10/8/1938	1/4/1939	255	37E	27	330 FSL 1650 FSL
30025117090000	ANDERSON-PRICHAUD OIL CORP	CARLSON-FEDERAL B.1	3364	PLUGOIL	PLUGGED	2090.64	11/4/1938	1/31/1939	255	37E	27	1650 FSL 330 FSL
30025116990000	ANDERSON-PRICHAUD OIL CORP	HARRISON-CARLSON 5	5021	DHSO	PLUGGED	2332.11	5/7/1943	7/31/1943	255	37E	23	1980 FSL 1980 FSL
30025116990000	FAE II Operating LLC	Harrison Federal #3	3409	OIL	[37240] LANGLE MATTKX7 RVS-Q-GRAYBURG	2372.41	8/15/1938	9/11/1938	255	37E	22	1650 FSL 1650 FSL

FAE II Operating LLC

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30025116900000	FAE II Operating LLC	Harrison Federal #002	3366	SWD	[37240] LANGLE MATTX;7 RVRS-Q-GRAYBURG ; [96117]	2373.78	7/6/1938	7/29/1938	255	37E	22	990 FUL 2310 FSL
30025276830000	ANTWEIL MORRIS R	UNION FEDERAL 1	3375	PLUGOIL	PLUGGED	2404.28	12/26/1981	3/22/1982	255	37E	27	330 FUL 1980 FNL
30025117880000	MAMMOTH EXPLORATION, LLC	HENRY 3	3325	OIL	[37240] LANGLE MATTX;7 RVRS-Q-GRAYBURG	0	2/10/1939	4/9/1939	255	37E	26	342 FUL 336 FSL
30025 SU LOC3	FAE II Operating LLC	HENRY #7	3400	LOC	Location	828.79	780	780	255	37E	26	960 FSL 860 FNL
30025118940000	CARR WELL SERVICE INCORPORATED	G W DABBS 2	3330	PLUGOIL	PLUGGED	924.59	9/25/1938	11/23/1938	255	37E	35	990 FUL 330 FNL
30025 SU LOC4	FAE II Operating LLC	CARLSON FEDERAL B 27 #3	3500	LOC	Location	990.38	780	780	255	37E	27	994 FUL 342 FSL
30025117870000	RICE OPERATING COMPANY	JUSTIS SWD #26	4800	SWD	[96121] SWD:SAN ANDRES	1095.99	12/8/1938	1/27/1939	255	37E	26	1650 FUL 330 FSL
30025 INJ LOC12	FAE II Operating LLC	HENRY #8	3400	LOC-INJ	Injector Location	1234.45	780	780	255	37E	26	507 FSL 1555 FNL
30025 INJ LOC11	FAE II Operating LLC	HENRY #5	3500	LOC-INJ	Injector Location	1393.97	780	780	255	37E	26	1709 FSL 212 FNL
30025 INJ LOC10	FAE II Operating LLC	HENRY #6	3400	LOC-INJ	Injector Location	1583.32	780	780	255	37E	26	1562 FSL 1321 FNL
30025118900000	FAE II Operating LLC	CARLSON B 27 #2	3307	OIL	[37240] LANGLE MATTX;7 RVRS-Q-GRAYBURG	2086.22	11/9/1938	12/9/1938	255	37E	27	330 FUL 2310 FSL
30025118930000	CARR WELL SERVICE INCORPORATED	G W DABBS 1	3331	PLUGOIL	PLUGGED	2098.28	4/30/1938	8/18/1938	255	37E	35	230 FUL 330 FNL
30025117910000	MAMMOTH EXPLORATION, LLC	HENRY 1	3330	OIL	[37240] LANGLE MATTX;7 RVRS-Q-GRAYBURG	2102.14	5/27/1938	8/13/1938	255	37E	26	660 FUL 2310 FSL
30025276890000	FAE II Operating LLC	HENRY 4	7795	OIL	[37240] LANGLE MATTX;7 RVRS-Q-GRAYBURG	2335.24	10/8/1968	11/23/1968	255	37E	26	1980 FUL 1980 FSL
30025 INJ LOC9	FAE II Operating LLC	ALSTON #8	3500	LOC-INJ	Injector Location	2602.83	780	780	255	37E	26	2360 FUL 212 FNL

1/2 Mile Radius

30025118010000	AMERICAN EXPLORATION COMPANY	ALSTON 4	3341	PLUGOIL	PLUGGED	0	4/26/1938	6/13/1938	255	37E	26	2311 FUL 1665 FNL
30025117910000	MAMMOTH EXPLORATION, LLC	HENRY 1	3330	OIL	[37240] LANGLE MATTX;7 RVRS-Q-GRAYBURG	920.67	5/27/1938	8/13/1938	255	37E	26	660 FUL 2310 FSL
30025276880000	FAE II Operating LLC	HENRY 4	7795	OIL	[37240] LANGLE MATTX;7 RVRS-Q-GRAYBURG	1035.72	10/8/1968	11/23/1968	255	37E	26	1680 FUL 1980 FNL
30025117890000	ITALO PETROLEUM CORPORATION	CARLSON B 26 1	3341	PLUGOIL	PLUGGED	1320.66	3/26/1939	4/25/1939	255	37E	26	1650 FUL 990 FNL
30025 INJ LOC7	FAE II Operating LLC	ALSTON #7	3500	LOC-INJ	Injector Location	1333.03	780	780	255	37E	26	1174 FUL 960 FNL
30025 INJ LOC9	FAE II Operating LLC	HENRY #6	3400	LOC-INJ	Injector Location	1434.28	780	780	255	37E	26	1562 FSL 1321 FNL
30025 INJ LOC10	FAE II Operating LLC	ALSTON #8	3500	LOC-INJ	Injector Location	1454.72	780	780	255	37E	26	2360 FUL 212 FNL
30025117950000	AMERICAN EXPLORATION COMPANY	ALSTON 2	3342	PLUGOIL	PLUGGED	1477.78	2/11/1938	3/15/1938	255	37E	26	330 FUL 1650 FNL
30025117950000	PERMIAN RESOURCES INC	CARLSON B 26 #3	3329	PLUGOIL	PLUGGED	1878.95	1/22/1956	2/1/1956	255	37E	26	210 FUL 1650 FSL
30025 INJ LOC11	FAE II Operating LLC	HENRY #5	3500	LOC-INJ	Injector Location	1970.58	1970.58	780	255	37E	26	1709 FUL 212 FNL
30025276890000	ANTWEIL MORRIS R	UNION FEDERAL 1	3375	PLUGOIL	PLUGGED	2010.13	7/31/1980	8/22/1980	255	37E	27	330 FUL 1980 FNL
30025269500000	FAE II Operating LLC	TERRA CARLSON FEDERAL 1	3452	OIL	[37240] LANGLE MATTX;7 RVRS-Q-GRAYBURG	2086.21	12/26/1981	3/22/1982	255	37E	26	2310 FUL 330 FNL
30025118090000	ANDERSON-PRICHARD OIL CORP	HARRISON 4	3349	DHSO&G	PLUGGED	2086.8	10/8/1938	1/4/1939	255	37E	27	330 FUL 1650 FNL
30025269670000	FAE II Operating LLC	CARLSON B 27 #2	3307	OIL	[37240] LANGLE MATTX;7 RVRS-Q-GRAYBURG	2087.48	11/9/1938	12/9/1938	255	37E	27	330 FUL 2310 FSL
30025 SU LOC3	WESTATES PETROLEUM COMPANY	SOUTH JUSTIS UNIT #24	5830	OIL	[34220] JUSTIS-BLINERY-TVBB-DRINKARD	2088.58	6/4/1964	12/4/1964	255	37E	26	1650 FUL 1750 FSL
30025118020000	FAE II Operating LLC	CARLSON-FEDERAL B-26 7	6050	PLUGOIL	PLUGGED	2112.84	8/6/1960	9/28/1960	255	37E	26	1650 FUL 2310 FSL
30025 INJ LOC8	FAE II Operating LLC	HENRY #7	3400	LOC	Location	2147.58	780	780	255	37E	26	960 FSL 862 FNL
30025117860000	AMERICAN EXPLORATION COMPANY	ALSTON #6	3500	LOC-INJ	Injector Location	2236.55	780	780	255	37E	26	137 FUL 82 FNL
30025 INJ LOC13	FAE II Operating LLC	ALSTON 1	3365	PLUGOIL	PLUGGED	2381.61	11/9/1937	1/4/1938	255	37E	26	330 FUL 330 FNL
30025 INJ LOC12	FAE II Operating LLC	ALSTON #5	3500	LOC-INJ	Injector Location	2434.57	780	780	255	37E	27	962 FUL 336 FNL
30025117870000	RICE OPERATING COMPANY	HENRY #8	3400	LOC-INJ	Injector Location	2449.23	780	780	255	37E	26	507 FSL 1555 FNL
30025117870000	RICE OPERATING COMPANY	JUSTIS SWD #26	4800	SWD	[96121] SWD:SAN ANDRES	2617.74	12/8/1938	1/27/1939	255	37E	26	1650 FUL 330 FSL

1/2 Mile Radius

UWI/API	OPERATOR	WELL LABEL	ID	WELL TYPE	CURRENT ZONE	Distance from Alston 4 (feet)	SPUD DATE	COMP DATE	TOWNSHIP	RANGE	SECTION	FOOTAGE
30025 INJ LOC13	FAE II Operating LLC	ALSTON #5	3500	LOC-INJ	Injector Location	0	780	780	255	37E	27	962 FUL 336 FNL
30025118040000	ANDERSON-PRICHARD OIL CORP	HARRISON 4	3345	DHSO&G	PLUGGED	702.04	10/8/1938	1/4/1939	255	37E	27	330 FUL 1650 FNL
30025118070000	AMERICAN EXPLORATION COMPANY	ALSTON #3	3345	PLUGOIL	PLUGGED	875	3/24/1938	4/17/1938	255	37E	27	990 FUL 330 FNL

FAE II Operating LLC

SIU Queen Pilot
1/2 Mile Radius Wells

UWI/API	OPERATOR	WELL LABEL	TD	WELL TYPE	CURRENT ZONE	Distance from Alston 7 (feet)	SPUD DATE	COMP DATE	TOWNSHIP	RANGE	SECTION	FOOTAGE
30025117860000	AMERICAN EXPLORATION COMPANY	ALSTON 1	3365	PLUGOIL	PLUGGED	933.27	11/9/1937	1/14/1938	255	37E	26	330 FWL 330 FNL
30025117990000	AMERICAN EXPLORATION COMPANY	ALSTON 2	3342	PLUGOIL	PLUGGED	966.58	3/15/1938	3/15/1938	255	37E	26	330 FWL 1650 FNL
30025117860000	AMERICAN EXPLORATION COMPANY	UNION FEDERAL 1	3375	PLUGOIL	PLUGGED	1029.03	12/26/1981	3/22/1982	255	37E	27	330 FWL 1980 FNL
30025 INJ LOC7	FAE II Operating LLC	ALSTON #7	3500	LOC-INJ	Injector Location	1332.16	TBD	TBD	255	37E	26	1174 FWL 960 FNL
30025118080000	HAMILTON DOME OIL COMPANY	CARLSON-FEDERAL B 1	3364	PLUGOIL	PLUGGED	1419.87	11/4/1938	1/31/1939	255	37E	27	1650 FWL 330 FNL
30025116970000	FAE II Operating LLC	CARLSON A #1	3327	OIL	[37240] LANGUE MATTY#7 RWS-Q-GRANBYBURG	1421.22	9/30/1938	11/2/1938	255	37E	22	957 FWL 330 FNL
30025117020000	PERMIAN RESOURCES INC	HARRISON #1	3347	PLUGOIL	PLUGGED	1460.95	2/2/1938	3/10/1938	255	37E	23	330 FWL 360 FNL
30025 INJ LOC8	FAE II Operating LLC	ALSTON #8	3500	LOC-INJ	Injector Location	1506.79	TBD	TBD	255	37E	26	2360 FWL 212 FNL
30025 INJ LOC8	FAE II Operating LLC	ALSTON #6	3500	LOC-INJ	Injector Location	1797.27	TBD	TBD	255	37E	26	137 FWL 1210 FNL
30025 INJ LOC2	FAE II Operating LLC	CARLSON A #6	3500	LOC	Location	2017.58	3/26/1939	4/25/1939	255	37E	22	335 FWL 885 FSL
30025117890000	ITALO PETROLEUM CORPORATION	CARLSON B 2# #2	3307	PLUGOIL	PLUGGED	2018.33	11/9/1938	12/9/1938	255	37E	27	330 FWL 990 FNL
30025116960000	FAE II Operating LLC	CARLSON A #2	3354	OIL	[37240] LANGUE MATTY#7 RWS-Q-GRANBYBURG	2317.26	10/27/1938	11/18/1938	255	37E	22	1650 FWL 990 FSL
30025 INJ LOC3	FAE II Operating LLC	CARLSON A #4	3500	LOC-INJ	Injector Location	2329.59	TBD	TBD	255	37E	22	2325 FWL 255 FSL
30025 INJ LOC5	FAE II Operating LLC	Harrison Federal 23 #2	3400	LOC	Location	2394.14	TBD	TBD	255	37E	22	940 FWL 1116 FNL
30025 INJ LOC4	FAE II Operating LLC	Harrison Federal 23 #2	3500	LOC-INJ	Injector Location	2396.82	TBD	TBD	255	37E	22	950 FWL 1355 FSL
30025 INJ LOC5	FAE II Operating LLC	HENRY 1	3330	OIL	[37240] LANGUE MATTY#7 RWS-Q-GRANBYBURG	2435.39	5/27/1938	8/13/1938	255	37E	26	660 FWL 2310 FSL
30025 INJ LOC5	FAE II Operating LLC	CARLSON A #5	3500	LOC-INJ	Injector Location	2438.43	TBD	TBD	255	37E	23	330 FWL 1365 FSL
30025118010000	AMERICAN EXPLORATION COMPANY	ALSTON 4	3341	PLUGOIL	PLUGGED	2434.57	4/28/1938	6/13/1938	255	37E	26	2311 FWL 1665 FNL

1/2 Mile Radius

UWI/API	OPERATOR	WELL LABEL	TD	WELL TYPE	CURRENT ZONE	Distance from Alston 6 (feet)	SPUD DATE	COMP DATE	TOWNSHIP	RANGE	SECTION	FOOTAGE
30025 INJ LOC8	FAE II Operating LLC	ALSTON #6	3500	LOC-INJ	Injector Location	0	TBD	TBD	255	37E	26	137 FWL 1210 FNL
30025117860000	AMERICAN EXPLORATION COMPANY	ALSTON 1	3365	PLUGOIL	PLUGGED	875.94	11/9/1937	1/14/1938	255	37E	26	330 FWL 330 FNL
30025117020000	PERMIAN RESOURCES INC	HARRISON #1	3347	PLUGOIL	PLUGGED	964.21	2/2/1938	3/10/1938	255	37E	23	330 FWL 360 FNL
30025 INJ LOC7	FAE II Operating LLC	CARLSON B 2# 1	3341	PLUGOIL	PLUGGED	984.64	4/25/1939	3/15/1938	255	37E	26	1650 FWL 990 FNL
30025 INJ LOC7	FAE II Operating LLC	ALSTON #7	3500	LOC-INJ	Injector Location	1065.34	TBD	TBD	255	37E	26	1174 FWL 960 FNL
30025117070000	FAE II Operating LLC	Harrison Federal 23 #2	3400	LOC	Location	1081.48	TBD	TBD	255	37E	23	940 FWL 1116 FNL
30025289500000	FAE II Operating LLC	CARLSON FEDERAL 2	3314	GAS	[37240] LANGUE MATTY#7 RWS-Q-GRANBYBURG ; [79240] JALMATA-TAN-KATES-7 RWS (GAS)	1122.3	9/27/1955	12/8/1955	255	37E	23	1980 FWL 660 FSL
30025296500000	LEGACY RESERVES OPERATING, LP	TERRA CARLSON FEDERAL 1	3452	OIL	PLUGGED	1166.15	7/31/1980	8/22/1980	255	37E	26	2310 FWL 330 FNL
30025117990000	AMERICAN EXPLORATION COMPANY	EL PASO FEDERAL #2	7415	TA	[34220] JUSTIS-BLINERY-TUBB-DRINKARD	1374.08	1/11/1969	3/17/1969	255	37E	23	2310 FWL 660 FSL
30025 INJ LOC5	FAE II Operating LLC	CARLSON A #5	3500	LOC-INJ	PLUGGED	1743.66	2/11/1938	3/15/1938	255	37E	26	330 FWL 1650 FNL
30025 INJ LOC13	FAE II Operating LLC	ALSTON #5	3500	LOC-INJ	Injector Location	1747.27	TBD	TBD	255	37E	23	330 FWL 1365 FSL
30025 INJ LOC2	FAE II Operating LLC	CARLSON A #6	3500	LOC	Location	1826.9	TBD	TBD	255	37E	22	335 FWL 655 FSL
30025118040000	ANDERSON-PICHARD OIL CORP	HARRISON 4	3349	DHSO&G	PLUGGED	2147.15	10/8/1938	1/4/1939	255	37E	27	330 FWL 1650 FNL
30025118070000	AMERICAN EXPLORATION COMPANY	ALSTON #3	3345	PLUGOIL	PLUGGED	2180.94	3/24/1938	4/17/1938	255	37E	27	990 FWL 330 FNL
30025116970000	FAE II Operating LLC	CARLSON A #1	3327	OIL	[37240] LANGUE MATTY#7 RWS-Q-GRANBYBURG	2217.95	9/30/1938	11/2/1938	255	37E	22	957 FWL 330 FSL
30025118010000	AMERICAN EXPLORATION COMPANY	ALSTON 4	3341	PLUGOIL	PLUGGED	2236.65	4/26/1938	6/13/1938	255	37E	26	2311 FWL 1665 FNL
30025117030000	ANDERSON-PICHARD OIL CORP	HARRISON-CARLSON 5	5021	DHSO	PLUGGED	2251.05	5/17/1943	7/31/1943	255	37E	23	1980 FWL 1980 FSL
30025229060000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #22	7361	PLUGOIL	PLUGGED	2289.62	12/1/1968	2/1/1969	255	37E	23	1980 FWL 660 FSL
30025227680000	ANTWELL MORRIS R	UNION FEDERAL 1	3375	PLUGOIL	PLUGGED	2392.82	12/26/1981	3/22/1982	255	37E	27	330 FWL 1980 FNL
30025 INJ LOC9	FAE II Operating LLC	ALSTON #8	3500	LOC-INJ	Injector Location	2431.08	TBD	TBD	255	37E	26	2360 FWL 212 FNL
30025 INJ LOC1	FAE II Operating LLC	Harrison Federal #7	3500	LOC	Location	2454.01	TBD	TBD	255	37E	22	300 FWL 1795 FSL
30025210570000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #23	6050	OIL	[34220] JUSTIS-BLINERY-TUBB-DRINKARD	2492.21	6/30/1964	8/6/1964	255	37E	26	1650 FWL 330 FNL
30025117090000	SAVITA FE ENERGY RESOURCES INCORPORATED	CARLSON A #3	3345	PLUGOIL	PLUGGED	2578.4	12/13/1938	1/15/1939	255	37E	23	330 FWL 2310 FSL
30025 INJ LOC4	FAE II Operating LLC	Harrison Federal #6	3500	LOC-INJ	Injector Location	2626.91	TBD	TBD	255	37E	22	950 FWL 1355 FSL

1/2 Mile Radius

UWI/API	OPERATOR	WELL LABEL	TD	WELL TYPE	CURRENT ZONE	Distance from Alston 7 (feet)	SPUD DATE	COMP DATE	TOWNSHIP	RANGE	SECTION	FOOTAGE
30025 INJ LOC7	FAE II Operating LLC	ALSTON #7	3500	LOC-INJ	Injector Location	0	TBD	TBD	255	37E	26	1174 FWL 960 FNL
30025117890000	ITALO PETROLEUM CORPORATION	CARLSON B 2# 1	3341	PLUGOIL	PLUGGED	732.28	3/26/1939	4/25/1939	255	37E	26	1650 FWL 990 FNL

FAE II Operating LLC

UWI/API	OPERATOR	WELL LABEL	ID	WELL TYPE	CURRENT ZONE	Distance from Alston 8 (feet)	SPUD DATE	COMP DATE	TOWNSHIP	RANGE	SECTION	FOOTAGE
3002511799000	AMERICAN EXPLORATION COMPANY	ALSTON 2	3342	PLUGOIL	PLUGGED	776.77	2/11/1938	3/15/1938	255	37E	26	330 FWL 1550 FNL
3002511799000	AMERICAN EXPLORATION COMPANY	ALSTON 1	3365	PLUGOIL	PLUGGED	1030.26	1/19/1937	1/14/1938	255	37E	26	330 FWL 330 FNL
30025 INJ LOC8	FAE II Operating LLC	ALSTON #6	3500	LOC-INJ	Injector Location	1065.34	780	780	255	37E	26	137 FNL 1210 FNL
30025 INJ LOC13	AMERICAN EXPLORATION COMPANY	ALSTON #5	3500	LOC-INJ	Injector Location	1332.16	780	780	255	37E	27	962 FNL 336 FNL
3002511801000	AMERICAN EXPLORATION COMPANY	ALSTON 4	3341	PLUGOIL	PLUGGED	1353.03	4/28/1938	6/13/1938	255	37E	26	2311 FNL 1665 FNL
3002511804000	ANDERSON-PHICHARD OIL CORP	HARRISON 4	3349	DHSG&G	PLUGGED	1357.55	10/8/1938	1/4/1939	255	37E	27	330 FEL 1650 FNL
30025 INJ LOC9	FAE II Operating LLC	ALSTON #8	3500	LOC-INJ	Injector Location	1398.14	780	780	255	37E	26	2360 FNL 212 FNL
3002526930000	FAE II Operating LLC	UNION FEDERAL 1	3375	PLUGOIL	PLUGGED	1509.23	12/28/1981	3/22/1982	255	37E	27	330 FEL 1980 FNL
3002511702000	PERNIAN RESOURCES INC	TERRA CARLSON FEDERAL 1	3452	OIL	PLUGGED	1602.75	7/31/1980	8/22/1980	255	37E	26	330 FEL 330 FNL
3002511791000	MAMMOTH EXPLORATION LLC	HARRISON #1	3330	OIL	PLUGGED	1611.98	2/12/1938	3/10/1938	255	37E	23	330 FNL 360 FNL
3002511807000	AMERICAN EXPLORATION COMPANY	ALSTON #3	3345	PLUGOIL	PLUGGED	1788.71	5/27/1938	8/13/1938	255	37E	26	660 FNL 2310 FNL
3002511707000	FAE II Operating LLC	CARLSON FEDERAL 2	3314	GAS	PLUGGED	2097.03	3/24/1938	4/17/1938	255	37E	27	990 FEL 330 FNL
30025 SUJ LOC5	FAE II Operating LLC	Harrison Federal 23 #2	3400	LOC	Location	2119.48	9/27/1955	12/8/1955	255	37E	23	1980 FNL 660 FNL
3002511809000	FAE II Operating LLC	CARLSON B 27 #2	3307	OIL	Location	2202.14	11/9/1938	12/8/1938	255	37E	23	940 FNL 1116 FNL
3002522961000	LEGACY RESERVES OPERATING LP	EL PASO FEDERAL #2	7415	TA	Location	2279.66	1/11/1969	3/17/1969	255	37E	23	2310 FNL 660 FNL
30025 SUJ LOC2	FAE II Operating LLC	HENRY 4	7795	OIL	Location	2373	10/8/1968	11/23/1968	255	37E	26	1980 FNL 1980 FNL
30025 INJ LOC11	FAE II Operating LLC	CARLSON A #6	3500	LOC-INJ	Injector Location	2394.56	780	780	255	37E	22	335 FEL 835 FNL
30025 INJ LOC10	FAE II Operating LLC	HENRY #5	3327	OIL	Location	2435.87	9/30/1938	11/21/1938	255	37E	22	957 FEL 330 FNL
30025 INJ LOC5	FAE II Operating LLC	HENRY #5	3500	LOC-INJ	Injector Location	2506.74	780	780	255	37E	26	1709 FNL 212 FNL
30025 INJ LOC5	FAE II Operating LLC	CARLSON A #5	3500	LOC-INJ	Injector Location	2571.57	780	780	255	37E	26	1562 FNL 1321 FNL
						2620.78	780	780	255	37E	23	330 FNL 1365 FNL

SUJ Queen Pilot
1/2 Mile Radius Wells

1/2 Mile Radius

UWI/API	OPERATOR	WELL LABEL	ID	WELL TYPE	CURRENT ZONE	Distance from Alston 8 (feet)	SPUD DATE	COMP DATE	TOWNSHIP	RANGE	SECTION	FOOTAGE
30025 INJ LOC9	FAE II Operating LLC	ALSTON #8	3500	LOC-INJ	Injector Location	0	780	780	255	37E	26	2360 FNL 212 FNL
3002527693000	ANTWEIL MORRIS R	UNION FEDERAL 1	3375	PLUGOIL	PLUGGED	644.12	3/22/1981	3/22/1982	255	37E	27	330 FEL 1980 FNL
3002511799000	AMERICAN EXPLORATION COMPANY	ALSTON 2	3342	PLUGOIL	PLUGGED	713.24	2/11/1938	3/15/1938	255	37E	26	330 FNL 1650 FNL
3002511809000	FAE II Operating LLC	CARLSON B 27 #2	3307	OIL	Location	814.45	11/9/1938	12/9/1938	255	37E	27	330 FEL 2310 FNL
3002511804000	ANDERSON-PHICHARD OIL CORP	HARRISON 4	3349	DHSG&G	PLUGGED	872.17	10/8/1938	1/4/1939	255	37E	27	330 FEL 1650 FNL
30025 INJ LOC11	FAE II Operating LLC	HENRY #5	3500	LOC-INJ	Injector Location	994.08	5/27/1938	8/13/1938	255	37E	26	660 FNL 2310 FNL
30025 INJ LOC7	FAE II Operating LLC	ALSTON #7	3500	LOC-INJ	Injector Location	1211.14	780	780	255	37E	26	1709 FNL 212 FNL
3002511801000	AMERICAN EXPLORATION COMPANY	ALSTON 4	3341	PLUGOIL	PLUGGED	1398.14	780	780	255	37E	26	1174 FNL 960 FNL
30025 INJ LOC13	FAE II Operating LLC	ALSTON #5	3500	LOC-INJ	Injector Location	1454.72	4/28/1938	6/13/1938	255	37E	26	2311 FNL 1665 FNL
30025 INJ LOC13	FAE II Operating LLC	HENRY #6	3400	LOC-INJ	Injector Location	1506.79	780	780	255	37E	27	962 FNL 336 FNL
3002511799000	ITALO PETROLEUM CORPORATION	CARLSON B 26 1	3341	PLUGOIL	PLUGGED	1758.78	780	780	255	37E	26	1562 FNL 1321 FNL
30025 SUJ LOC4	FAE II Operating LLC	CARLSON FEDERAL B 27 #3	3500	LOC	Location	1987.86	3/28/1939	4/25/1939	255	37E	26	1650 FNL 990 FNL
3002522789000	FAE II Operating LLC	HENRY 4	7795	OIL	Location	2015.79	780	780	255	37E	26	994 FNL 342 FEL
3002511766000	AMERICAN EXPLORATION COMPANY	ALSTON 1	3365	PLUGOIL	PLUGGED	2018.91	10/8/1968	11/23/1968	255	37E	26	1980 FNL 1980 FNL
30025 SUJ LOC3	FAE II Operating LLC	HENRY #7	3400	LOC	Location	2068.73	11/9/1937	1/14/1938	255	37E	26	330 FNL 330 FNL
3002511807000	AMERICAN EXPLORATION COMPANY	ALSTON #3	3345	PLUGOIL	PLUGGED	2336.16	3/24/1938	4/17/1938	255	37E	26	960 FNL 862 FNL
3002511803000	JEFFERS OIL COMPANY	CARLSON 1	3652	DHSG&G	PLUGGED	2378.63	4/25/1935	9/16/1935	255	37E	27	990 FEL 330 FNL
30025 INJ LOC8	FAE II Operating LLC	ALSTON #6	3500	LOC-INJ	Injector Location	2431.08	780	780	255	37E	26	137 FNL 1210 FNL
3002511789000	MAMMOTH EXPLORATION LLC	HENRY 3	3325	OIL	Location	2602.53	2/10/1939	4/9/1939	255	37E	26	342 FNL 336 FNL

1/2 Mile Radius

UWI/API	OPERATOR	WELL LABEL	ID	WELL TYPE	CURRENT ZONE	Distance from Carlson A 4 (feet)	SPUD DATE	COMP DATE	TOWNSHIP	RANGE	SECTION	FOOTAGE
30025 INJ LOC3	FAE II Operating LLC	CARLSON A #4	3500	LOC-INJ	Injector Location	0	780	780	255	37E	22	2325 FEL 555 FNL
3002511808000	HAMILTON OIL COMPANY	CARLSON FEDERAL B 1	3361	PLUGOIL	PLUGGED	929.13	11/4/1938	1/31/1939	255	37E	27	1650 FEL 330 FNL
3002527449000	ENDAVOR ENERGY RESOURCES LP	TERRA FEDERAL #2	3470	GAS	Location	979.42	6/17/1981	4/6/1982	255	37E	22	2310 FNL 990 FNL
3002511698000	FAE II Operating LLC	CARLSON A #2	3354	OIL	Location	1006.92	10/27/1938	11/18/1938	255	37E	22	1550 FEL 990 FNL

FAE II Operating LLC

UWI/API	OPERATOR	WELL LABEL	ID	WELL TYPE	CURRENT ZONE	Distance from Carlson A 5 (feet)	SPUD DATE	COMP DATE	TOWNSHIP	RANGE	SECTION	FOOTAGE
30025 INJ LOC2	FAE II Operating LLC	Harrison Federal #5	3500	LOC-INJ	Injector Location	1161.32	780	780	255	37E	22	2375 FWL 1415 FSL
30025116970000	FAE II Operating LLC	CARLSON A #1	3337	OIL	[37240] LANGUE MATTX QUEEN UNIT #35	1366.15	9/30/1938	11/2/1938	255	37E	22	957 FWL 330 FSL
30025295240000	CIMAREX ENERGY CO. OF COLORADO	CARLSON HARRISON FEDERAL COM #5	3550	PLUGGAS	PLUGGED	1406.37	11/18/1985	12/20/1985	255	37E	27	1650 FWL 330 FSL
30025118070000	AMERICAN EXPLORATION COMPANY	ALSTON #3	3345	PLUGOIL	PLUGGED	1491.41	3/24/1938	4/17/1938	255	37E	27	990 FWL 330 FSL
30025116990000	FAE II Operating LLC	Harrison Federal #4	3403	OIL	[37240] LANGUE MATTX QUEEN UNIT #34	1550.65	8/15/1938	9/11/1938	255	37E	22	1650 FWL 1650 FSL
30025272500000	FAE II Operating LLC	Harrison Federal #6	3500	LOC-INJ	Injector Location	1760.63	780	780	255	37E	22	950 FWL 1650 FSL
30025 SUJ LOC2	ENDEAVOR ENERGY RESOURCES, LP	TERRA FEDERAL #1	3470	PLUGOIL	PLUGGED	1800.41	2/13/1981	5/1/1981	255	37E	22	2310 FWL 1980 FSL
30025 SUJ LOC2	FAE II Operating LLC	CARLSON A #6	3500	LOC	Location	2072.4	780	780	255	37E	22	335 FWL 835 FSL
30025116910000	ANDERSON-PRICHARD OIL CORP	INDIAN-FEDERAL 1	3007	JNK	PLUGGED	2282.39	12/1/1951	5/25/1952	255	37E	22	660 FWL 660 FSL
30025 INJ LOC13	FAE II Operating LLC	ALSTON #5	3500	LOC-INJ	Injector Location	2329.59	780	780	255	37E	27	962 FWL 336 FSL
30025118100000	CIMAREX ENERGY CO. OF COLORADO	CARLSON HARRISON FEDERAL COM 2	3542	PLUGGAS	PLUGGED	2447.47	12/28/1955	6/8/1956	255	37E	27	660 FWL 660 FSL
30025116900000	FAE II Operating LLC	Harrison Federal #002	3366	SWD	[37240] LANGUE MATTX QUEEN UNIT #32	2457.87	7/6/1938	7/19/1938	255	37E	22	990 FWL 2310 FSL
30025230000000	BXP Operating, LLC	LANGUE MATTX QUEEN UNIT #32	3620	INJECT	[37240] LANGUE MATTX QUEEN UNIT #32	2495.07	10/10/1969	11/18/1969	255	37E	22	2600 FWL 2530 FSL
30025 SUJ LOC1	FAE II Operating LLC	Harrison Federal #7	3500	LOC	Location	2543.55	780	780	255	37E	22	300 FWL 1795 FSL
30025293580000	FAE II Operating LLC	CARLSON HARRISON FEDERAL COM 4	3625	GAS	[37240] LANGUE MATTX QUEEN UNIT #34	2628.1	8/14/1985	9/13/1985	255	37E	22	660 FWL 1650 FSL

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UWI/API	OPERATOR	WELL LABEL	ID	WELL TYPE	CURRENT ZONE	Distance from Carlson A 5 (feet)	SPUD DATE	COMP DATE	TOWNSHIP	RANGE	SECTION	FOOTAGE
30025 INJ LOC5	FAE II Operating LLC	CARLSON A #5	3500	LOC-INJ	Injector Location	0	780	780	255	37E	23	330 FWL 1365 FSL
30025 SUJ LOC1	FAE II Operating LLC	Harrison Federal #7	3500	LOC	Location	754.97	780	780	255	37E	22	300 FWL 1795 FSL
30025 SUJ LOC2	FAE II Operating LLC	CARLSON A #6	3500	LOC	Location	842.44	780	780	255	37E	22	335 FWL 835 FSL
30025 SUJ LOC3	FAE II Operating LLC	Harrison Federal #3 #2	3400	LOC	Location	902.95	780	780	255	37E	23	940 FWL 1116 FWL
30025117090000	SANTA FE ENERGY RESOURCES INCORPORATED	CARLSON A #3	3345	PLUGOIL	PLUGGED	935.2	12/13/1938	1/15/1939	255	37E	23	330 FWL 2310 FSL
30025117020000	PERMIAN RESOURCES INC	HARRISON #1	3347	PLUGOIL	PLUGGED	1046.11	2/2/1938	3/10/1938	255	37E	23	330 FWL 360 FSL
30025 INJ LOC4	FAE II Operating LLC	Harrison Federal #6	3500	LOC-INJ	Injector Location	1270.02	780	780	255	37E	22	950 FWL 1355 FSL
30025116900000	FAE II Operating LLC	Harrison Federal #002	3366	SWD	[37240] LANGUE MATTX QUEEN UNIT #32	1577.17	7/6/1938	7/19/1938	255	37E	22	990 FWL 2310 FSL
30025117050000	LINN OPERATING, LLC	LANGUE MATTX QUEEN UNIT #35	3360	PLUG-INJ	PLUGGED	1600.56	4/18/1939	5/9/1939	255	37E	23	330 FWL 2310 FSL
30025116970000	FAE II Operating LLC	CARLSON A #1	3337	OIL	[37240] LANGUE MATTX QUEEN UNIT #35	1654.72	9/30/1938	11/2/1938	255	37E	22	957 FWL 330 FSL
30025117860000	AMERICAN EXPLORATION COMPANY	ALSTON 1	3365	PLUGOIL	PLUGGED	1707.85	11/9/1937	1/14/1938	255	37E	26	330 FWL 330 FSL
30025 INJ LOC8	FAE II Operating LLC	ALSTON #6	3500	LOC-INJ	Injector Location	1747.47	780	780	255	37E	26	137 FWL 1210 FWL
30025117030000	ANDERSON-PRICHARD OIL CORP	HARRISON-CARLSON 5	5021	DHSO	PLUGGED	1798.81	5/7/1943	7/13/1943	255	37E	23	1980 FWL 1980 FSL
30025117070000	FAE II Operating LLC	CARLSON FEDERAL 2	3314	GAS	[37240] LANGUE MATTX QUEEN UNIT #34	1838.89	9/27/1955	12/8/1955	255	37E	23	1980 FWL 660 FSL
30025116990000	FAE II Operating LLC	Harrison Federal #3	3403	OIL	JALMAT:IAN-VATES-7 RWRS (GAS)	1951.69	8/15/1938	9/11/1938	255	37E	22	1650 FWL 1650 FSL
30025116960000	FAE II Operating LLC	CARLSON A #2	3354	OIL	[37240] LANGUE MATTX QUEEN UNIT #34	1975.98	10/2/1938	11/8/1938	255	37E	22	1650 FWL 990 FSL
30025118070000	AMERICAN EXPLORATION COMPANY	ALSTON #3	3345	PLUGOIL	PLUGGED	2136.73	3/24/1938	4/17/1938	255	37E	27	990 FWL 330 FSL
30025292640000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT WSW #3	4500	TA	[96221] WSW-SAN ANDRES	2139.34	12/9/1993	11/1/1994	255	37E	23	1700 FWL 2310 FSL
30025296100000	LEGACY RESERVES OPERATING, LP	EL PASO FEDERAL #2	7415	TA	[34220] JUSTIS-BLINEBRY-TUBB-DRINKARD	2146.15	1/11/1969	3/17/1969	255	37E	23	2310 FWL 660 FSL
30025294740000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #21	6200	OIL	[34220] JUSTIS-BLINEBRY-TUBB-DRINKARD	2230.65	4/4/1977	8/22/1977	255	37E	23	2310 FWL 2310 FSL
30025221550000	FAE II Operating LLC	ALSTON #5	3500	LOC-INJ	Injector Location	2448.43	780	780	255	37E	27	962 FWL 336 FSL
30025221550000	PRIZE OPERATING COMPANY	LANGUE MATTX QUEEN UNIT #33	3944	PLUGOIL	PLUGGED	2504.51	6/15/1967	5/12/1968	255	37E	22	1650 FWL 2310 FSL
30025117160000	LEGACY RESERVES OPERATING, LP	WIMBERRY VAN #1	4294	PLUGGAS	PLUGGED	2574.02	11/4/1943	3/29/1943	255	37E	23	1980 FWL 1980 FSL
30025118090000	HAMILTON OIL COMPANY	CARLSON-FEDERAL B 1	3364	PLUGOIL	PLUGGED	2588.57	11/4/1938	1/13/1939	255	37E	27	1650 FWL 330 FSL
30025116890000	BXP Operating, LLC	LANGUE MATTX QUEEN UNIT #34	3380	OIL	[37240] LANGUE MATTX QUEEN UNIT #34	2589.57	2/16/1939	3/17/1939	255	37E	22	990 FWL 1650 FSL
30025 INJ LOC7	FAE II Operating LLC	ALSTON #7	3500	LOC-INJ	Injector Location	2620.28	780	780	255	37E	26	1174 FWL 960 FWL

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UWI/API	OPERATOR	WELL LABEL	ID	WELL TYPE	CURRENT ZONE	Distance from Harrison Federal 5 (feet)	SPUD DATE	COMP DATE	TOWNSHIP	RANGE	SECTION	FOOTAGE
30025 INJ LOC2	FAE II Operating LLC	Harrison Federal #5	3500	LOC-INJ	Injector Location	0	780	780	255	37E	22	2375 FWL 1415 FSL

FAE II Operating LLC

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30025272490000	ENDAVOR ENERGY RESOURCES, LP	TERRA FEDERAL #2	3470	GAS	[79240] JALMATTAN-VATES-7 RVR5 (GAS)	712.75	6/7/1981	4/6/1982	255	37E	22	2310 FWL 990 FSL
30025272450000	ENDAVOR ENERGY RESOURCES, LP	TERRA FEDERAL #1	3470	PLUGOIL	PLUGGED	767.91	2/13/1981	5/1/1981	255	37E	22	2310 FWL 1980 FSL
30025116960000	FAE II Operating LLC	Harrison Federal #3	3403	OIL	[37240] LANGUE MATTIK-7 RVR5-Q-GRAYBURG	792.19	8/15/1938	9/11/1938	255	37E	22	1650 FWL 1650 FSL
30025116960000	FAE II Operating LLC	CARLSON A #2	3354	OIL	[37240] LANGUE MATTIK-7 RVR5-Q-GRAYBURG	879.27	10/2/1938	11/18/1938	255	37E	22	1650 FWL 990 FSL
30025116960000	FAE II Operating LLC	CARLSON A #4	3500	LOC-INJ	Injector Location	1161.32	780	780	255	37E	22	2325 FEL 255 FSL
30025230000000	BXP Operating, LLC	LANGUE MATTIK QUEEN UNIT #32	3620	INJECT	[37240] LANGUE MATTIK-7 RVR5-Q-GRAYBURG	1362.62	10/17/1969	11/18/1969	255	37E	22	2600 FWL 2530 FWL
30025116960000	FAE II Operating LLC	Harrison Federal #6	3500	LOC-INJ	Injector Location	1426.19	780	780	255	37E	22	950 FEL 1355 FSL
300252321550000	FAE II Operating LLC	Harrison Federal #02	3366	SWD	[37240] LANGUE MATTIK-7 RVR5-Q-GRAYBURG ; [96117] SWD-QUEEN	1671.54	7/6/1938	7/29/1938	255	37E	22	990 FEL 2310 FSL
300252321550000	PRIZE OPERATING COMPANY	LANGUE MATTIK QUEEN UNIT #33	3344	PLUGOIL	PLUGGED	1724.44	6/15/1967	5/12/1968	255	37E	22	1650 FWL 2310 FWL
30025116970000	FAE II Operating LLC	CARLSON A #1	3327	OIL	[37240] LANGUE MATTIK-7 RVR5-Q-GRAYBURG	1792	9/30/1938	11/12/1938	255	37E	22	957 FEL 330 FSL
30025258420000	HAMILTON DOME OIL COMPANY	CARLSON-FEDERAL B.1	3364	PLUGOIL	PLUGGED	1920.08	11/4/1938	11/31/1939	255	37E	27	1650 FWL 330 FWL
30025116980000	HEMAN L. LOEBL LLC	MOBIL #1	3450	PLUGGAS	PLUGGED	1990.96	3/9/1978	5/3/1978	255	37E	22	2180 FWL 1980 FWL
30025116980000	FAE II Operating LLC	Harrison Federal #7	3500	LOC	Location	2109.1	780	780	255	37E	22	300 FEL 1795 FSL
30025116980000	FAE II Operating LLC	CARLSON A #6	3500	PLUGGAS	PLUGGED	2120.87	780	780	255	37E	22	335 FEL 935 FSL
30025295240000	CIMAREX ENERGY CO. OF COLORADO	CARLSON HARRISON FEDERAL COM #5	3550	PLUGGAS	PLUGGED	2151.94	11/18/1985	12/30/1985	255	37E	27	1650 FWL 330 FWL
30025293580000	FAE II Operating LLC	CARLSON HARRISON FEDERAL COM 4	3625	GAS	[37240] LANGUE MATTIK-7 RVR5-Q-GRAYBURG ; [79240] JALMATTAN-VATES-7 RVR5 (GAS)	2207.69	8/14/1985	9/13/1985	255	37E	22	660 FWL 1650 FSL
30025118070000	AMERICAN EXPLORATION COMPANY	ALSTON #3	3345	PLUGOIL	PLUGGED	2259.58	3/24/1938	4/17/1938	255	37E	27	990 FEL 330 FWL
30025116920000	CIMAREX ENERGY CO. OF COLORADO	CARLSON HARRISON FEDERAL COM 1	3074	PLUGOIL	PLUGGED	2261.75	7/23/1955	9/6/1955	255	37E	22	660 FWL 1980 FSL
30025116980000	LINN OPERATING, LLC	LANGUE MATTIK QUEEN UNIT #40	3345	PLUGOIL	PLUGGED	2337.45	4/5/1938	5/9/1938	255	37E	22	1650 FEL 1650 FWL
30025116910000	ANDERSON-RICHARD OIL CORP	INDIAN-FEDERAL 1	3007	NJK	PLUGGED	2339.28	12/1/1951	5/25/1952	255	37E	22	660 FWL 660 FSL
30025351980000	FAE II Operating LLC	AIRPORT 2	3400	GAS	Location	2619.49	1/11/2001	4/29/2001	255	37E	22	990 FWL 2010 FWL
30025116980000	BXP Operating, LLC	LANGUE MATTIK QUEEN UNIT #34	3380	OIL	[37240] LANGUE MATTIK-7 RVR5-Q-GRAYBURG	2629	2/16/1939	3/17/1939	255	37E	22	990 FEL 1650 FWL

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30025116990000	FAE II Operating LLC	Harrison Federal #6	3500	LOC-INJ	Injector Location	0	780	780	255	37E	22	950 FEL 1355 FSL
30025116990000	FAE II Operating LLC	Harrison Federal #3	3403	OIL	[37240] LANGUE MATTIK-7 RVR5-Q-GRAYBURG	719	8/15/1938	9/11/1938	255	37E	22	1650 FEL 1650 FSL
30025116960000	FAE II Operating LLC	CARLSON A #2	3354	OIL	[37240] LANGUE MATTIK-7 RVR5-Q-GRAYBURG	769.26	10/2/1938	11/18/1938	255	37E	22	1650 FEL 990 FSL
30025116960000	FAE II Operating LLC	Harrison Federal #7	3500	LOC	Location	784.54	780	780	255	37E	22	300 FEL 1795 FSL
30025116960000	FAE II Operating LLC	CARLSON A #6	3500	LOC	Location	805.51	780	780	255	37E	22	335 FEL 935 FSL
30025116990000	FAE II Operating LLC	Harrison Federal #02	3366	SWD	[37240] LANGUE MATTIK-7 RVR5-Q-GRAYBURG ; [96117] SWD-QUEEN	939.87	7/6/1938	7/29/1938	255	37E	22	990 FEL 2310 FSL
30025116970000	FAE II Operating LLC	CARLSON A #1	3327	OIL	[37240] LANGUE MATTIK-7 RVR5-Q-GRAYBURG	1039.36	9/30/1938	11/12/1938	255	37E	22	957 FEL 330 FSL
30025116960000	FAE II Operating LLC	CARLSON A #5	3500	LOC-INJ	Injector Location	1270.02	780	780	255	37E	23	330 FWL 1365 FSL
30025117090000	SANITVA FE ENERGY RESOURCES, INCORPORATED	Harrison Federal #5	3500	LOC-INJ	Injector Location	1426.19	780	780	255	37E	22	2375 FEL 1415 FSL
30025118070000	AMERICAN EXPLORATION COMPANY	CARLSON A #3	3345	PLUGOIL	PLUGGED	1621.41	12/13/1938	1/15/1939	255	37E	23	330 FWL 2310 FSL
30025221550000	PRIZE OPERATING COMPANY	HARRISON #1	3347	PLUGOIL	PLUGGED	1671.89	2/2/1938	3/10/1938	255	37E	23	330 FWL 360 FWL
30025221550000	AMERICAN EXPLORATION COMPANY	ALSTON #3	3345	PLUGOIL	PLUGGED	1701.49	3/24/1938	4/17/1938	255	37E	27	990 FEL 330 FWL
30025116960000	FAE II Operating LLC	LANGUE MATTIK QUEEN UNIT #33	3344	PLUGOIL	PLUGGED	1736.04	6/15/1967	5/12/1968	255	37E	22	1650 FWL 2310 FWL
30025118080000	HAMILTON DOME OIL COMPANY	CARLSON A #4	3500	LOC-INJ	Injector Location	1760.63	780	780	255	37E	22	2325 FEL 255 FSL
30025272490000	ENDAVOR ENERGY RESOURCES, LP	TERRA FEDERAL B.1	3364	PLUGOIL	PLUGGED	1831.8	11/4/1938	1/31/1939	255	37E	27	1650 FWL 330 FWL
30025272450000	ENDAVOR ENERGY RESOURCES, LP	TERRA FEDERAL #2	3470	GAS	[79240] JALMATTAN-VATES-7 RVR5 (GAS)	2014.64	6/7/1981	4/6/1982	255	37E	22	2310 FWL 990 FSL
30025272450000	ENDAVOR ENERGY RESOURCES, LP	TERRA FEDERAL #1	3470	GAS	PLUGGED	2061.66	2/13/1981	5/1/1981	255	37E	22	1650 FWL 990 FSL
30025117050000	LINN OPERATING, LLC	LANGUE MATTIK QUEEN UNIT #35	3360	PLUGOIL	PLUGGED	2082.49	4/18/1939	5/9/1939	255	37E	23	330 FWL 2310 FWL
30025117050000	FAE II Operating LLC	Harrison Federal #3 #2	3400	LOC	Location	2107.8	780	780	255	37E	23	2600 FWL 2530 FWL
30025230000000	BXP Operating, LLC	LANGUE MATTIK QUEEN UNIT #32	3365	INJECT	[37240] LANGUE MATTIK-7 RVR5-Q-GRAYBURG	2123.49	10/10/1969	11/18/1969	255	37E	22	990 FEL 330 FWL
300252321550000	AMERICAN EXPLORATION COMPANY	ALSTON 1	3380	PLUGOIL	PLUGGED	2144.99	11/9/1937	1/14/1938	255	37E	26	990 FEL 1650 FWL
30025116980000	LINN OPERATING, LLC	LANGUE MATTIK QUEEN UNIT #34	3345	PLUGOIL	PLUGGED	2267.81	2/16/1939	3/17/1939	255	37E	22	1650 FEL 1650 FWL
30025116980000	FAE II Operating LLC	LANGUE MATTIK QUEEN UNIT #40	3345	LOC-INJ	Injector Location	2361.05	4/5/1938	5/3/1938	255	37E	22	962 FWL 336 FSL
30025116980000	FAE II Operating LLC	ALSTON #5	3500	LOC-INJ	Injector Location	2596.82	780	780	255	37E	27	1650 FWL 1210 FWL
30025116980000	FAE II Operating LLC	ALSTON #6	3500	LOC-INJ	Injector Location	2626.91	780	780	255	37E	26	137 FWL 1210 FWL

FAE II Operating LLC

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UWI/API	OPERATOR	WELL LABEL	TD	WELL TYPE	CURRENT ZONE	Distance from Henry 6 (feet)	SPUD DATE	COMP DATE	TOWNSHIP	RANGE	SECTION	FOOTAGE
30025 INJ LOC11	FAE II Operating LLC	HENRY 45	3500	LOC-INJ	Injector Location	0	TBD	TBD	255	37E	26	1709 FSL 212 FWL
30025 INJ LOC10	FAE II Operating LLC	CARLSON B 27 #2	3307	OIL	[37240] LANGUE MATTX7; RWS-Q-GRAVBURG Location	796.2	11/9/1938	12/9/1938	255	37E	27	330 FEL 2310 FSL
30025 SJU LOC4	FAE II Operating LLC	CARLSON FEDERAL B 27 #3	3500	LOC		933.49	TBD	TBD	255	37E	27	994 FSL 342 FWL
30025 SJU LOC3	FAE II Operating LLC	HENRY #7	3330	OIL	[37240] LANGUE MATTX7; RWS-Q-GRAVBURG Location	992.52	5/27/1938	8/13/1938	255	37E	26	660 FWL 2310 FSL
30025 INJ LOC10	FAE II Operating LLC	HENRY #6	3400	LOC		994.7	TBD	TBD	255	37E	26	960 FSL 862 FWL
30025 INJ LOC9	FAE II Operating LLC	HENRY #6	3400	LOC-INJ	Injector Location	1120.11	TBD	TBD	255	37E	26	1562 FSL 1321 FWL
30025 INJ LOC12	MAAMMOTH EXPLORATION, LLC	ALSTON #8	3500	LOC-INJ	[37240] LANGUE MATTX7; RWS-Q-GRAVBURG Location	1211.24	2/10/1939	4/9/1939	255	37E	26	342 FSL 336 FSL
30025276830000	ANTWEIL MORRIS R	HENRY 3	3325	OIL		1393.97	TBD	TBD	255	37E	26	1650 FWL 330 FSL
30025276830000	UNION FEDERAL 1	HENRY 3	3375	PLUGOIL	PLUGGED	1668.15	12/26/1981	3/22/1982	255	37E	27	330 FEL 1980 FSL
30025276830000	FAE II Operating LLC	HENRY 4	7795	OIL	[37240] LANGUE MATTX7; RWS-Q-GRAVBURG Location	1796.23	10/8/1968	11/23/1968	255	37E	26	1980 FWL 1980 FSL
30025118010000	RICE OPERATING COMPANY	HENRY #8	3400	LOC-INJ	Injector Location	1804.06	TBD	TBD	255	37E	26	507 FSL 1555 FWL
30025118010000	AMERICAN EXPLORATION COMPANY	ALSTON 4	3341	PLUGOIL	PLUGGED	1829.73	12/8/1938	1/27/1939	255	37E	26	1650 FWL 330 FSL
30025117990000	AMERICAN EXPLORATION COMPANY	ALSTON 2	3342	PLUGOIL	PLUGGED	1910.53	4/26/1938	6/13/1938	255	37E	26	2311 FWL 1665 FWL
30025118040000	ANDERSON-PRICHARD OIL CORP	HARRISON 4	3349	DHSO&G	PLUGGED	1915.93	2/11/1938	3/15/1938	255	37E	26	330 FWL 1650 FWL
30025118940000	CARR WELL SERVICE INCORPORATED	G W DABBS 2	3330	PLUGOIL	PLUGGED	1980.32	10/8/1938	1/4/1939	255	37E	27	330 FEL 1550 FSL
30025118030000	JEFFERS OIL COMPANY	CARLSON 1	3652	DHSO&G	PLUGGED	2181.92	9/24/1938	11/23/1938	255	37E	35	980 FWL 330 FWL
30025 INJ LOC7	FAE II Operating LLC	ALSTON #7	3500	LOC-INJ	Injector Location	2199.35	4/25/1935	9/16/1935	255	37E	27	1980 FEL 1980 FSL
						2506.74	TBD	TBD	255	37E	26	1174 FWL 960 FWL

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UWI/API	OPERATOR	WELL LABEL	TD	WELL TYPE	CURRENT ZONE	Distance from Henry 6 (feet)	SPUD DATE	COMP DATE	TOWNSHIP	RANGE	SECTION	FOOTAGE
30025 INJ LOC10	FAE II Operating LLC	HENRY #6	3400	LOC-INJ	Injector Location	0	TBD	TBD	255	37E	26	1562 FSL 1321 FWL
30025 SJU LOC3	FAE II Operating LLC	HENRY #7	3400	LOC		754.87	TBD	TBD	255	37E	26	960 FSL 862 FWL
30025276830000	FAE II Operating LLC	HENRY 4	7795	OIL	[37240] LANGUE MATTX7; RWS-Q-GRAVBURG Location	783.33	10/8/1968	11/23/1968	255	37E	26	1980 FWL 1980 FSL
30025117910000	MAAMMOTH EXPLORATION, LLC	HENRY 1	3330	OIL		823.4	5/27/1938	8/13/1938	255	37E	26	660 FWL 2310 FSL
30025 INJ LOC12	FAE II Operating LLC	HENRY #8	3400	LOC-INJ	Injector Location	1079.29	TBD	TBD	255	37E	26	507 FSL 1555 FWL
30025117870000	RICE OPERATING COMPANY	HENRY #5	3500	LOC-INJ	Injector Location	1120.11	TBD	TBD	255	37E	26	1709 FSL 212 FWL
30025118010000	AMERICAN EXPLORATION COMPANY	ALSTON 4	4800	SWD	[96121] SWD-SAN ANDRES	1219.35	12/8/1938	1/27/1939	255	37E	26	1650 FWL 330 FSL
30025117950000	MAAMMOTH EXPLORATION, LLC	HENRY 3	3325	OIL	PLUGGED	1434.28	4/26/1938	6/13/1938	255	37E	26	2311 FWL 1665 FWL
30025 INJ LOC9	FAE II Operating LLC	ALSTON 4	3329	PLUGOIL	PLUGGED	1583.52	2/10/1939	4/9/1939	255	37E	26	340 FWL 336 FSL
30025 SJU LOC4	FAE II Operating LLC	CARLSON B 26 #3	3329	PLUGOIL	PLUGGED	1667.58	1/21/1956	2/1/1956	255	37E	26	2310 FEL 1650 FSL
30025 INJ LOC9	FAE II Operating LLC	ALSTON #8	3500	LOC-INJ	Injector Location	1758.78	TBD	TBD	255	37E	26	2360 FWL 212 FWL
30025118090000	FAE II Operating LLC	CARLSON B 27 #2	3307	OIL	Location	1802.02	TBD	TBD	255	37E	27	994 FSL 342 FWL
30025118940000	CARR WELL SERVICE INCORPORATED	CARR WELLS FEDERAL B 27 #3	3307	OIL	[37240] LANGUE MATTX7; RWS-Q-GRAVBURG Location	1802.25	11/9/1938	12/9/1938	255	37E	27	330 FEL 2310 FSL
30025118930000	CARR WELL SERVICE INCORPORATED	G W DABBS 2	3330	PLUGOIL	PLUGGED	1914.73	9/24/1938	11/23/1938	255	37E	35	990 FWL 330 FWL
30025117990000	AMERICAN EXPLORATION COMPANY	ALSTON 2	3331	PLUGOIL	PLUGGED	2142.01	4/30/1938	8/18/1938	255	37E	35	2310 FWL 330 FWL
30025276830000	ANTWEIL MORRIS R	UNION FEDERAL 1	3342	PLUGOIL	PLUGGED	2281.36	2/11/1938	3/15/1938	255	37E	26	330 FWL 1650 FWL
30025271920000	FAE II Operating LLC	UNION FEDERAL 1	3375	PLUGOIL	PLUGGED	2385.41	12/26/1981	3/22/1982	255	37E	27	330 FEL 1980 FSL
30025118020000	WESTATES PETROLEUM COMPANY	TERRA CARLSON B FEDERAL 1	3375	GAS	[37240] LANGUE MATTX7; RWS-Q-GRAVBURG Location	2414.52	12/16/1980	1/4/1981	255	37E	26	1650 FEL 990 FSL
30025 INJ LOC7	FAE II Operating LLC	CARLSON-FEDERAL B-26 7	6050	LOC-INJ	PLUGGED	2462.87	8/6/1960	9/28/1960	255	37E	26	1650 FEL 2310 FSL
30025118040000	ANDERSON-PRICHARD OIL CORP	ALSTON #7	3500	LOC-INJ	Injector Location	2571.17	TBD	TBD	255	37E	26	1174 FWL 960 FWL
						2630.43	10/8/1938	1/4/1939	255	37E	27	330 FEL 1650 FWL

1/2 Mile Radius

UWI/API	OPERATOR	WELL LABEL	TD	WELL TYPE	CURRENT ZONE	Distance from Henry 6 (feet)	SPUD DATE	COMP DATE	TOWNSHIP	RANGE	SECTION	FOOTAGE
30025 INJ LOC12	FAE II Operating LLC	HENRY #8	3400	LOC-INJ	Injector Location	0	TBD	TBD	255	37E	26	507 FSL 1555 FWL
30025117870000	RICE OPERATING COMPANY	JUSTIS SWD #26	4800	SWD	[96121] SWD-SAN ANDRES Location	203.2	12/8/1938	1/27/1939	255	37E	26	1650 FWL 330 FSL
30025 SJU LOC3	FAE II Operating LLC	HENRY #7	3400	LOC		826.36	TBD	TBD	255	37E	26	960 FSL 862 FWL
30025118940000	CARR WELL SERVICE INCORPORATED	G W DABBS 2	3330	PLUGOIL	PLUGGED	1004.14	9/24/1938	11/23/1938	255	37E	35	990 FWL 330 FWL

FAE II Operating LLC

SUU Queen Pilot
1/2 Mile Radius Wells

30025 INJ LOCID	FAE II Operating LLC	HENRY #6	3400	LOC:INU	Injector Location	1079.29	TBD	TBD	255	37E	26	1562 FSL 1321 FWL
30025118930000	CARR WELL SERVICE INCORPORATED	G W DABBS 1	3331	PLUGOIL	PLUGGED	1199.73	4/30/1938	8/18/1938	255	37E	35	2310 FWL 330 FHL
30025117880000	MAMMOTH EXPLORATION, LLC	HENRY 3	3325	OIL	[37240] LANGLE MATTKX:7 RVRS-Q-GRAYBURG	1234.15	2/10/1939	4/9/1939	255	37E	26	342 FWL 336 FSL
30025271920000	FAE II Operating LLC	HENRY 4	7795	OIL	[37240] LANGLE MATTKX:7 RVRS-Q-GRAYBURG	1526.84	10/8/1968	11/23/1968	255	37E	26	1980 FWL 1980 FSL
30025 INJ LOCID	FAE II Operating LLC	HENRY #5	3500	LOC:INU	Injector Location	1804.06	TBD	TBD	255	37E	35	1709 FSL 212 FWL
30025117950000	PERMIAN RESOURCES, INC	CARLSON B 26 #3	3329	PLUGGAS	PLUGGED	1842.74	1/27/1956	2/1/1956	255	37E	26	2310 FHL 2310 FSL
30025117910000	MAMMOTH EXPLORATION, LLC	HENRY 1	3330	OIL	[37240] LANGLE MATTKX:7 RVRS-Q-GRAYBURG	1894.55	5/27/1938	8/13/1938	255	37E	26	660 FWL 2310 FSL
30025271920000	FAE II Operating LLC	CARLSON FEDERAL B 27 #3	3500	LOC	Location	2006.03	TBD	TBD	255	37E	27	994 FSL 342 FEL
30025118010000	AMERICAN EXPLORATION COMPANY	TERRA CARLSON B FEDERAL 1	3375	GAS	[37240] LANGLE MATTKX:7 RVRS-Q-GRAYBURG	2163.26	12/16/1980	1/4/1981	255	37E	26	1650 FHL 990 FSL
300252323510000	CARR WELL SERVICE INCORPORATED	ALSTON 4	3341	PLUGOIL	PLUGGED	2449.23	4/26/1938	6/13/1938	255	37E	35	2311 FWL 1665 FWL
30025118090000	FAE II Operating LLC	G W DABBS 3	3350	PLUGOIL	PLUGGED	2528.46	12/31/1967	12/31/1967	255	37E	35	1980 FWL 1980 FWL
30025118090000	FAE II Operating LLC	CARLSON B 27 #2	3307	OIL	[37240] LANGLE MATTKX:7 RVRS-Q-GRAYBURG	2597.06	11/9/1938	12/9/1938	255	37E	27	330 FEL 2310 FSL

F&E II Operating LLC

SIU Queen Pilot
1/2 Mile Radius Wells

Plugged Wells

UWI/API	OPERATOR	WELL LABEL	TD	WELL TYPE	CURRENT ZONE	SPUD DATE	COMP DATE	TOWNSHIP	RANGE	SECTION	FOOTAGE
30025116880000	LINN OPERATING, LLC.	LANGUE MATTIX QUEEN UNIT #40	3345	PLUGOIL	PLUGGED	4/5/1938	5/3/1938	255	37E	22	1650 FEL 1650 FNL
30025116910000	ANDERSON-PRICHARD OIL CORP	INDIAN-FEDERAL 1	3007	JNK	PLUGGED	12/1/1951	5/25/1952	255	37E	22	660 FWL 660 FSL
30025116920000	CIMAREX ENERGY CO. OF COLORADO	CARLSON HARRISON FEDERAL COM 1	3074	PLUGGAS	PLUGGED	7/23/1955	9/6/1955	255	37E	22	650 FWL 1980 FSL
30025117020000	PERMIAN RESOURCES INC	HARRISON #1	3347	PLUGOIL	PLUGGED	2/2/1938	3/10/1938	255	37E	23	330 FSL 360 FWL
30025117030000	ANDERSON-PRICHARD OIL CORP	HARRISON-CARLSON 5	5021	DHSO	PLUGGED	5/7/1943	7/31/1943	255	37E	23	1980 FWL 1980 FSL
30025117090000	LINN OPERATING, LLC.	LANGUE MATTIX QUEEN UNIT #35	3360	PLUGINI	PLUGGED	4/18/1939	5/9/1939	255	37E	23	330 FWL 2310 FNL
30025117160000	SANTA FE ENERGY RESOURCES INCORPORATED	CARLSON A #3	3345	PLUGOIL	PLUGGED	12/13/1938	1/15/1939	255	37E	23	330 FWL 2310 FNL
30025117600000	LEGACY RESERVES OPERATING, LP	WIMBERLY WN #1	4294	PLUGGAS	PLUGGED	2/1/1943	3/29/1943	255	37E	23	1980 FWL 1980 FSL
30025117860000	AMERICAN EXPLORATION COMPANY	ALSTON 1	3365	PLUGOIL	PLUGGED	11/9/1937	1/14/1938	255	37E	26	330 FWL 330 FNL
30025117990000	ITALO PETROLEUM CORPORATION	CARLSON B-26 1	3341	PLUGOIL	PLUGGED	3/26/1939	4/25/1939	255	37E	26	1650 FWL 990 FNL
30025117990000	PERMIAN RESOURCES INC	CARLSON B 26 #3	3329	PLUGGAS	PLUGGED	1/12/1956	2/1/1956	255	37E	26	2310 FEL 1650 FSL
30025117990000	AMERICAN EXPLORATION COMPANY	ALSTON 2	3342	PLUGOIL	PLUGGED	2/1/1938	3/15/1938	255	37E	26	330 FWL 1650 FNL
30025118010000	AMERICAN EXPLORATION COMPANY	ALSTON 4	3341	PLUGOIL	PLUGGED	4/26/1938	6/13/1938	255	37E	26	2311 FNL 1665 FWL
30025118020000	WESTATES PETROLEUM COMPANY	CARLSON-FEDERAL B-26 7	6050	PLUGOIL	PLUGGED	8/6/1960	9/28/1960	255	37E	26	1650 FEL 2310 FSL
30025118030000	JEFFERS OIL COMPANY	CARLSON 1	3652	DHSO&G	PLUGGED	4/25/1935	9/16/1935	255	37E	27	1980 FEL 1980 FSL
30025118040000	ANDERSON-PRICHARD OIL CORP	HARRISON 4	3349	DHSO&G	PLUGGED	10/8/1938	1/4/1939	255	37E	27	330 FEL 1650 FNL
30025118070000	AMERICAN EXPLORATION COMPANY	ALSTON #3	3345	PLUGOIL	PLUGGED	3/24/1938	4/17/1938	255	37E	27	990 FEL 330 FNL
30025118080000	HAMILTON DOME OIL COMPANY	CARLSON-FEDERAL B 1	3364	PLUGOIL	PLUGGED	11/4/1938	1/31/1939	255	37E	27	1650 FEL 330 FNL
30025118100000	CIMAREX ENERGY CO. OF COLORADO	CARLSON HARRISON FEDERAL COM 2	3542	PLUGGAS	PLUGGED	12/28/1955	6/8/1956	255	37E	27	660 FWL 660 FNL
30025118930000	CARR WELL SERVICE INCORPORATED	G W DABBS 1	3331	PLUGOIL	PLUGGED	4/30/1938	8/18/1938	255	37E	35	2310 FWL 330 FNL
30025118940000	CARR WELL SERVICE INCORPORATED	G W DABBS 2	3330	PLUGOIL	PLUGGED	9/24/1938	11/23/1938	255	37E	35	990 FWL 330 FNL
30025221550000	PRIZE OPERATING COMPANY	LANGUE MATTIX QUEEN UNIT #33	3344	PLUGOIL	PLUGGED	6/15/1967	5/12/1968	255	37E	22	1650 FEL 2310 FNL
300252233510000	CARR WELL SERVICE INCORPORATED	G W DABBS 3	3350	PLUGOIL	PLUGGED	12/5/1967	12/31/1967	255	37E	35	1980 FWL 1980 FNL
30025229060000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #22	7361	PLUGOIL	PLUGGED	12/1/1968	2/1/1969	255	37E	23	1980 FEL 660 FSL
30025258420000	HERMAN L. LOEB LLC	MOBIL #1	3450	PLUGGAS	PLUGGED	3/9/1978	5/3/1978	255	37E	22	2180 FWL 1980 FNL
30025272450000	ENDEAVOR ENERGY RESOURCES, LP	TERRA FEDERAL #1	3470	PLUGOIL	PLUGGED	2/13/1981	5/1/1981	255	37E	22	2310 FWL 1980 FNL
30025276830000	ANTWEIL MORRIS R	UNION FEDERAL 1	3375	PLUGOIL	PLUGGED	12/26/1981	3/22/1982	255	37E	27	330 FEL 1980 FNL
30025295240000	CIMAREX ENERGY CO. OF COLORADO	CARLSON HARRISON FEDERAL COM #5	3550	PLUGGAS	PLUGGED	11/18/1985	12/30/1985	255	37E	27	1650 FWL 330 FNL
30025320740000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #240	6050	PLUGINI	PLUGGED	11/4/1993	1/20/1994	255	37E	26	1000 FEL 2200 FNL

ENERGY, MINERALS AND NATURAL
RESOURCES DEPARTMENT

Revised June 10, 2003

APPLICATION FOR AUTHORIZATION TO INJECT

I. PURPOSE: _____ Secondary Recovery _____ Pressure Maintenance X (SWD-793) _____ Disposal _____ Storage
Application qualifies for administrative approval? _____ X 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 X 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: _____

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 <u>WELLBORE SCHEMATIC</u>	UNIT LETTER	SECTION	TOWNSHIP	RANGE
		<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: _____

Location: 2308 FSL 956 FEL Sec: 22 Township: 25S
 County: Lea State: NM API: 30-025-11690

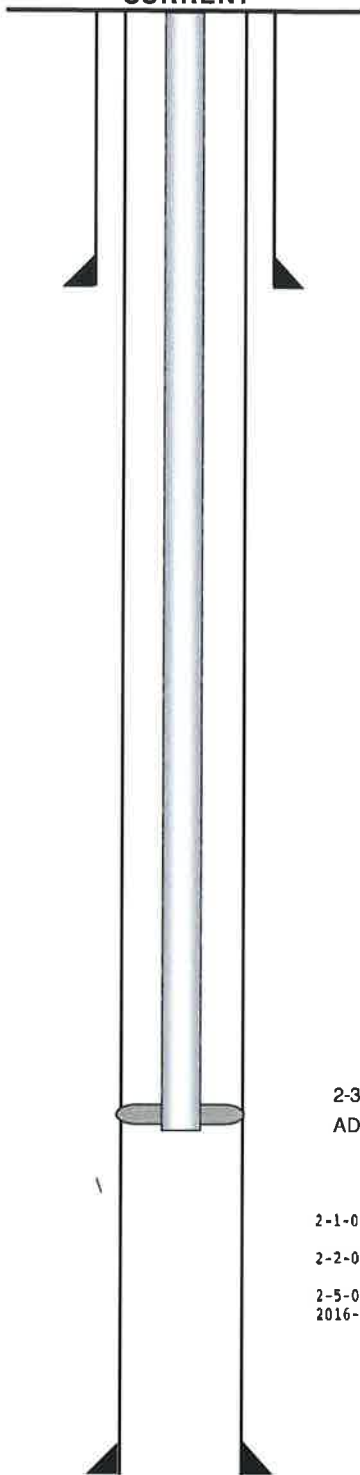
Range: 37E
 Formation: SWD; QUEE

CURRENT

Surface Csg

Size: 9-5/8"
 Wt.&Thrd: 33.75#
 Grade:
 Set @: 1100'
 Sxs cmt: 500 sx
 Circ:
 TOC:
 Hole Size:

KB:
 DF:
 GL:
 Spud Date: 7/6/1938
 Compl. Date:



Production Csg

Size: 7"
 Wt.&Thrd: 22#
 Grade:
 Set @: 3218'
 Sxs Cmt: 250 sx
 Circ:
 TOC:
 Hole Size:

2-3/8" coated tubing - 3,110'
 AD-1 packer set @ 3,110'

- 2-1-01 Rig up over wellhead-remove pumpjack, rods & trucking. Clean out wellbore.
- 2-2-01 Install AD-1 packer (7") @ 3110' run plastic-coated tubing into hole.
- 2-5-01 Conduct pressure test of downhole system-test good. 2016-01 Results of casing integrity test reported to OCD & BLM (copy attached)

Openhole from 3218' to 3366'

TD 3366'

Tubulars - Capacities and Performance

	bbbl/ft	cf/ft	Tensile (lbs)	Burst (psi)	Collapse (psi)	ID (in)	Drift (in)
3110' of 2-3/8" 4.6# J-55 coated	0.0039	0.0217	72000	7700	8100	1.995	

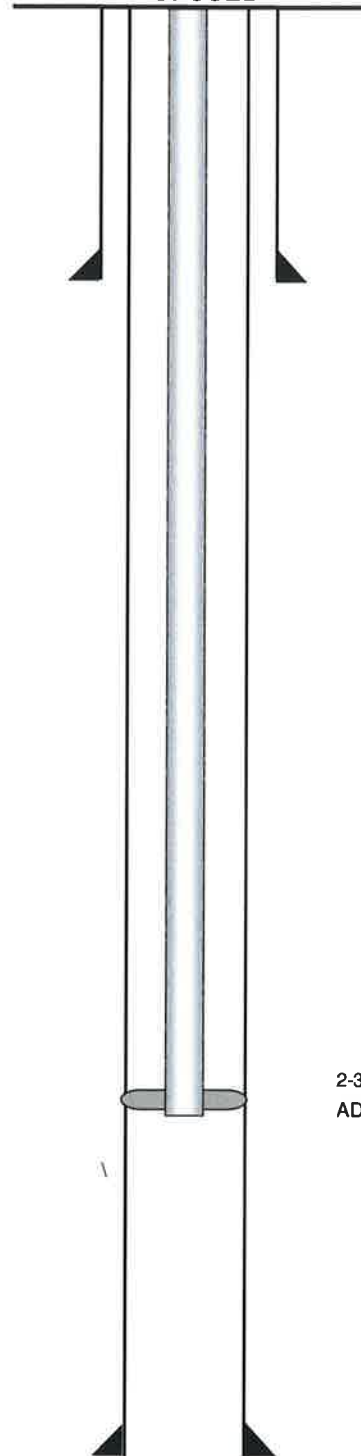
Location: 2308 FSL 956 FEL Sec: 22 Township: 25S
 County: Lea State: NM API: 30-025-11690

Range: 37E
 Formation: SWD; QUEE

PROPOSED

Surface Csg
 Size: 9-5/8"
 Wt.&Thrd: 33.75#
 Grade: _____
 Set @: 1100'
 Sxs cmt: 500 sx
 Circ: _____
 TOC: _____
 Hole Size: _____

KB: _____
 DF: _____
 GL: _____
 Spud Date: 7/6/1938
 Compl. Date: _____



Production Csg
 Size: 7"
 Wt.&Thrd: 22#
 Grade: _____
 Set @: 3218'
 Sxs Cmt: 250 sx
 Circ: _____
 TOC: _____
 Hole Size: _____

2-3/8" coated tubing - 3,110'
 AD-1 packer set @ 3,110'

Openhole from 3218' to 3366'

TD 3366'

Tubulars - Capacities and Performance							
	bb/ft	cf/ft	Tensile (lbs)	Burst (psi)	Collapse (psi)	ID(in)	Drift (in)
3110' of 2-3/8" 4.6# J-55 coated	0.0039	0.0217	72000	7700	8100	1.995	

INJECTION WELL DATA SHEET

OPERATOR: FAE II Operating, LLC

API NUMBER: 30-025-11690

WELL NAME & NUMBER: Harrison Federal #2

WELL LOCATION: <u>2308 FSL 956 FEL</u>	<u>I</u>	<u>22</u>	<u>25S</u>	<u>37E</u>
FOOTAGE LOCATION	UNIT LETTER	SECTION	TOWNSHIP	RANGE

WELL CONSTRUCTION DATA

Surface Casing

Hole Size:	<u>11"</u>
Casing Size:	<u>9-5/8"</u>
Depth Set:	<u>1100'</u>
Top of Cement:	<u>surface</u>
Cement with	<u>500 sx</u>
Method Determined:	<u>circulated</u>

Additional Data

1. NOT a new well.
 1. Originally an oil well in the LANGLEIE MATTIX;7 RVRS-Q-GRAYBURG Pool.
 2. Currently an SWD well.
2. Injection Formation: Queen Formation
3. Pool: [96117] SWD;QUEEN
4. Well has NOT been perforated within more than one zone.
5. Overlying & Underlying Zones:
 1. Overlying Oil/Gas Zone: Seven Rivers
 1. Depth of Zone: +/- 2833'
 2. Underlying Oil Zone: Grayburg
 1. Depth of Zone: +/- 3600'

Production Casing

Hole Size:	<u>8-7/8"</u>
Casing Size:	<u>7"</u>
Depth Set:	<u>3218'</u>
Top of Cement:	<u> </u>
Cement with	<u>250 sx</u>
Method Determined:	<u> </u>

Proposed Injection Interval

Queen Formation <u>~3218' to 3366'</u> Zone will be Open Hole

Tubing

Tubing Size:	<u>2-3/8"</u>
Lining Material:	<u>Cement</u>
Type of Packer:	<u>AD-1</u>
Packer Depth Set:	<u>~3110'</u>

Well Name: Harrison Federal #002
Objective: Re-establish as injector
Field: Jal
Surface Location: 2310' FSL & 990' FEL
Sec 22, Township 25 S, Range 37 E
County, State: Lea, NM
API: 30-025-11690

Engineer: Garret Johnson 918-697-8311 or 832-706-0056 garret@faenergyus.com

Well Information:

Casing:

Casing Size	Weight lb. ft.	Depth Set	Cement
9.625	33.75	1100	500 sx-circ
7.000	22	3218	250 sx-circ
Openhole		3366	

Perforations:

Top	Bottom	SPF	Status
3218	3366	Openhole	Open

Safety:

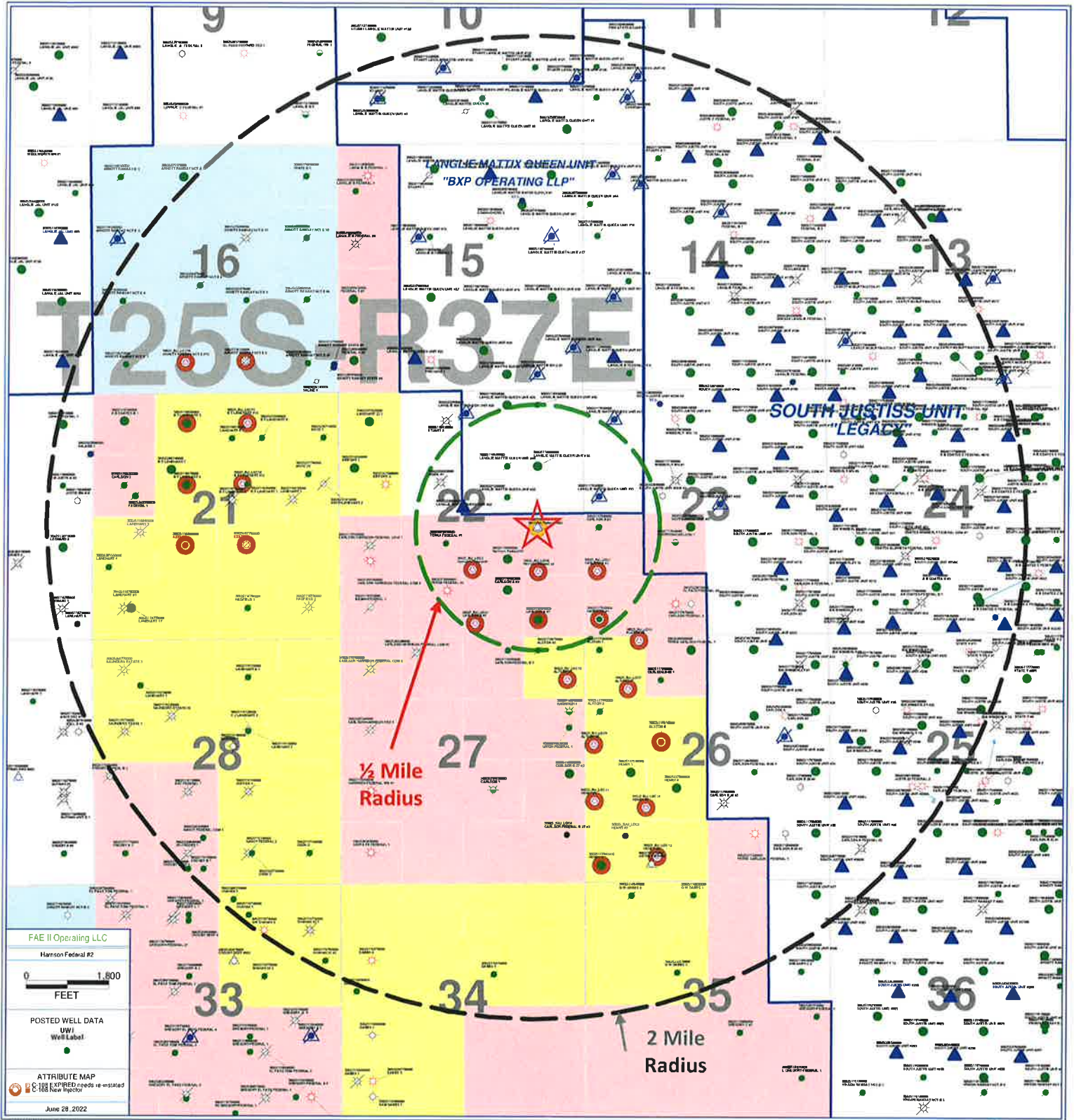
Please be aware of your surroundings and follow safe work practices. It is your job to shut down the job in the event of an unsafe situation. Prior to any work, conduct a meeting addressing the safety concerns of the operations.

Procedure:

1. Please inspect lease roads to location to assure adequate access for work activities. Function test the wellhead valves to assure proper operation during the procedure. Locate and inspect rig anchors, test or replace anchors if necessary.
2. Conduct MIT test to ensure integrity of casing prior to injection. Pump fluid to capacity of backside and pressure to 500 psi. Monitor pressure with a chart recorder.

V.

Exhibit A shows 20 unique well locations within a ½ mile radius of the Harrison Federal #2, and 373 unique well locations within a 2 mile radius of said well.



VI.
 Following Exhibit A, 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 are displayed in Exhibit B. The plugged well wellbore diagrams are displayed in Exhibit C1-C8.

Exhibit B

UWI/API	OPERATOR	WELL LABEL	ID	WELL TYPE	CURRENT ZONE	Distance(FT) from Harrison Federal #2	SPUD DATE	COMP DATE	TOWNSHIP	RANGE	SECTION	FOOTAGE
30025116890000	FAE II Operating LLC	Harrison Federal #2	3356	SWD	[37240] LANGGLE MATTX;7 RVRs-Q-GRAYBURG ; [96117] SWD-QUEEN	0.0	7/6/1938	7/29/1938	255	37E	22	2308 FSL 956 FEL
30025221550000	PRIZE OPERATING COMPANY	LANGGLE MATTX QUEEN UNIT #33	3344	PLUGOIL	Plugged	923.1	6/15/1967	5/12/1968	255	37E	22	1650 FEL 2310 FNL
30025116990000	FAE II Operating LLC	Harrison Federal #3	3403	OIL	LANGGLE MATTX;7 RVRs-Q-GRAYBURG	941.8	8/15/1938	9/11/1938	255	37E	22	1650 FEL 1650 FSL
30025116990000	FAE II Operating LLC	Harrison Federal #6	3500	LOC-INJ	Injector Location	953.3	TBD	TBD	255	37E	22	950 FEL 1355 FSL
30025116890000	BXP Operating, LLC	LANGGLE MATTX QUEEN UNIT #34	3380	OIL	[37240] LANGGLE MATTX;7 RVRs-Q-GRAYBURG	1314.6	2/16/1939	3/17/1939	255	37E	22	990 FEL 1650 FNL
30025117090000	SANTA FE ENERGY RESOURCES INCORPORATED	LANGGLE MATTX QUEEN UNIT #35	3360	PLUGOIL	Plugged	1325.7	12/13/1938	1/15/1939	255	37E	23	330 FWL 2310 FSL
30025116890000	LINN OPERATING, LLC.	LANGGLE MATTX QUEEN UNIT #40	3345	PLUGOIL	Plugged	1466.4	4/5/1938	5/3/1938	255	37E	22	1650 FEL 1650 FNL
30025116960000	FAE II Operating LLC	LANGGLE MATTX QUEEN UNIT #35	3354	PLUGOIL	Plugged	1481.8	4/18/1939	5/9/1939	255	37E	23	330 FWL 2310 FNL
30025117050000	FAE II Operating LLC	CARLSON A #2	3354	OIL	LANGGLE MATTX;7 RVRs-Q-GRAYBURG	1491.4	10/2/1938	11/18/1938	255	37E	22	1650 FEL 990 FSL
30025117050000	FAE II Operating LLC	CARLSON A #5	3500	LOC-INJ	Injector Location	1587.9	TBD	TBD	255	37E	23	330 FWL 1365 FSL
30025330000000	BXP Operating, LLC	LANGGLE MATTX QUEEN UNIT #32	3620	INJECT	[37240] LANGGLE MATTX;7 RVRs-Q-GRAYBURG	1650.5	10/10/1969	11/18/1969	255	37E	22	2600 FEL 2530 FNL
30025117050000	FAE II Operating LLC	Harrison Federal #5	3500	LOC-INJ	Injector Location	1675.8	TBD	TBD	255	37E	22	2375 FEL 1415 FSL
30025116970000	FAE II Operating LLC	CARLSON A #1	3327	OIL	[37240] LANGGLE MATTX;7 RVRs-Q-GRAYBURG	1978.1	9/30/1938	11/2/1938	255	37E	22	2310 FWL 1980 FSL
30025221550000	ENDEAVOR ENERGY RESOURCES, LP	TERRA FEDERAL #1	3470	PLUGOIL	Plugged	2012.6	2/13/1981	5/1/1981	255	37E	22	990 FEL 330 FSL
30025259420000	HERMAN L. LOEB LLC	MOBIL #1	3450	PLUGGAS	Plugged	2310.9	3/9/1978	5/3/1978	255	37E	22	2180 FWL 1980 FNL
30025117020000	PERMIAN RESOURCES INC	HARRISON #1	3347	PLUGOIL	Plugged	2377.1	2/2/1938	3/10/1938	255	37E	23	330 FWL 330 FSL
31274490000	ENDEAVOR ENERGY RESOURCES, LP	TERRA FEDERAL #2	3470	GAS	[79240] JALMATIAN-VATES-7 RVRs (GAS)	2384.7	6/7/1981	4/6/1982	255	37E	22	2310 FWL 990 FSL
31274490000	FAE II Operating LLC	CARLSON A #4	3500	LOC-INJ	Injector Location	2467.1	TBD	TBD	255	37E	22	2335 FEL 255 FSL
316940000	LINN OPERATING, LLC.	LANGGLE MATTX QUEEN UNIT #30	3373	PLUGOIL	Plugged	2635.2	2/10/1938	5/10/1938	255	37E	22	990 FEL 330 FNL

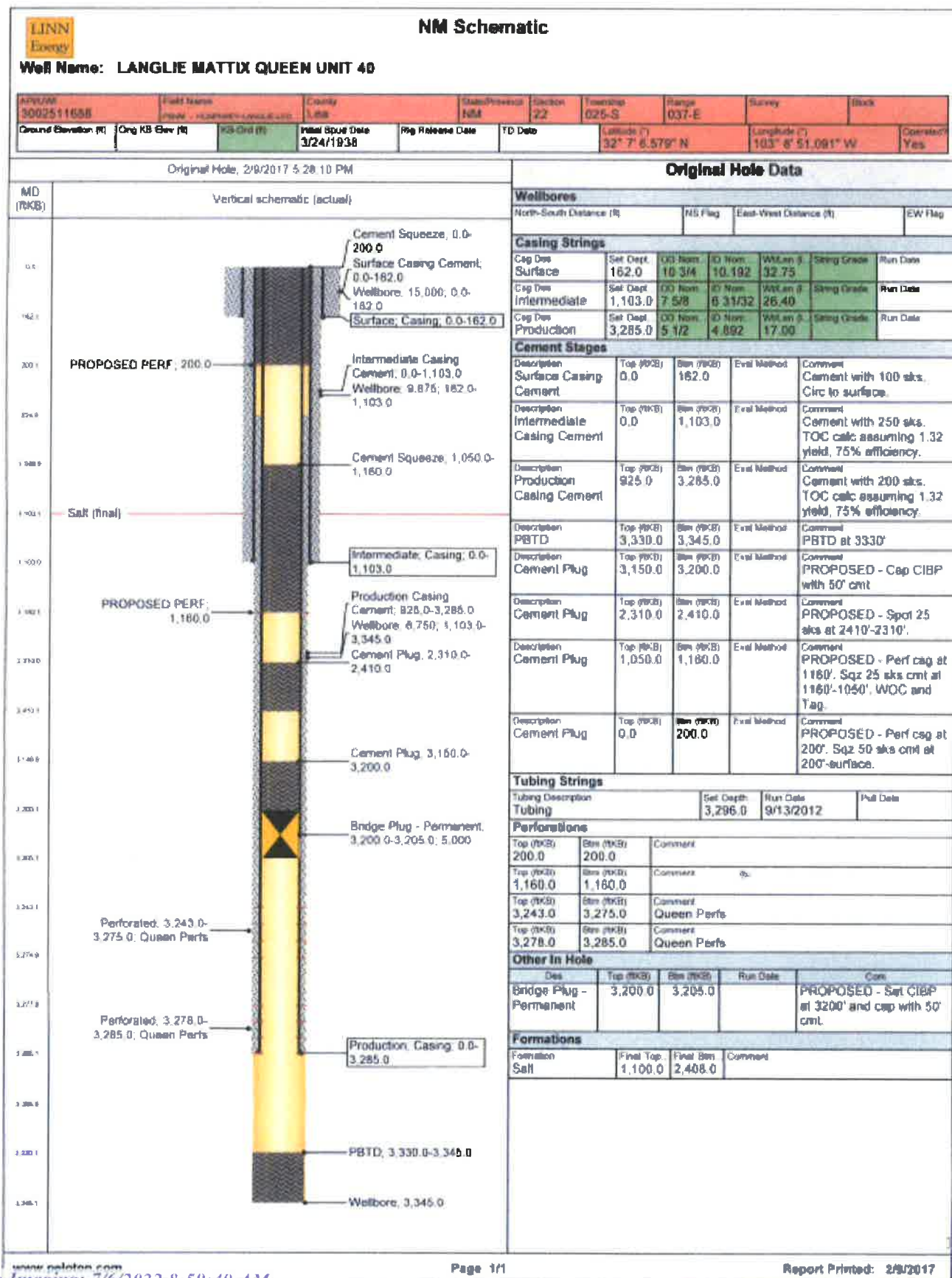
VI. Exhibit C1

LANGLIE MATTIX QUEEN UNIT #40

API# 30-025-11688

1650 FEL 1650 FNL,

Sec 22, T25S, R37E Lea Co., NM



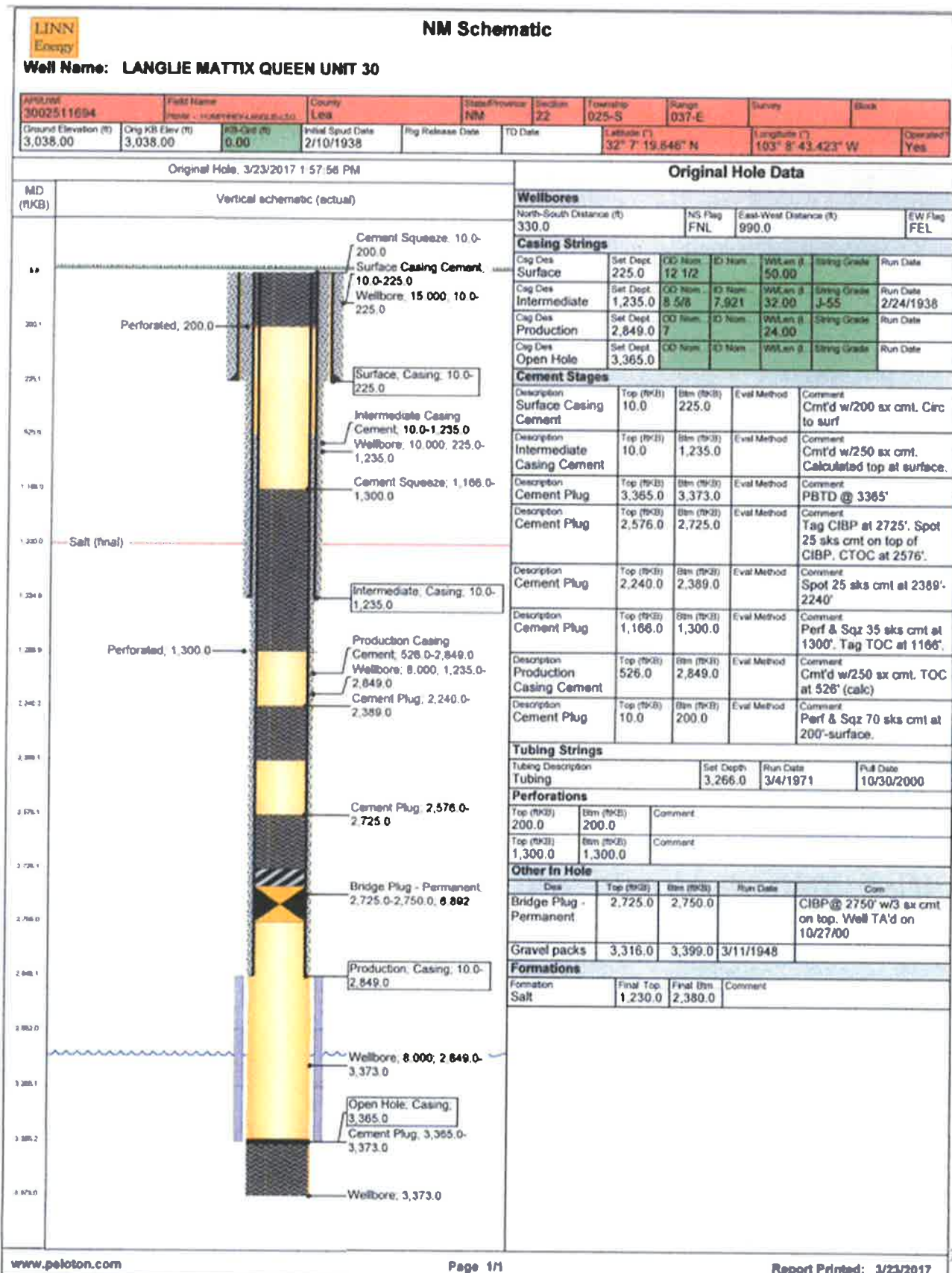
VI. Exhibit C2

LANGLIE MATTIX QUEEN UNIT #30

API# 30-025-11694

990 FEL 330 FNL,

Sec 22, T25S, R37E Lea Co., NM

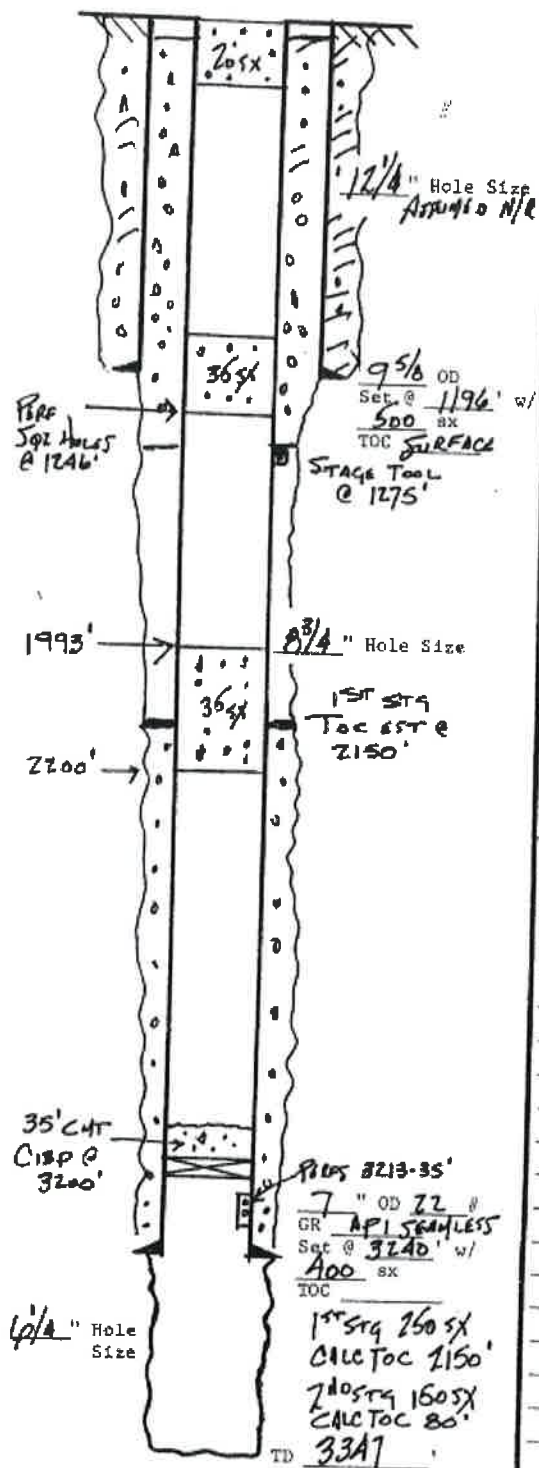


VI. Exhibit C3

HARRISON #1

API# 30-025-11702
 330 FWL 330 FSL,
 Sec 23, T25S, R37E Lea Co., NM

COMPANY PREMIER RESOURCES INC
 WELL HARRISON #1
 FIELD LANGUE MATTIX (DUCAN)
 LOCATION 330' FSL & 330' FWL (M)
SECTION 23, T25S, R37E
 COUNTY LEA
 STATE NM
 ELEVATIONS: KB _____
 OF 3047
 GL _____



COMPLETION RECORD
 SPUD DATE 2/3/38 COMP. DATE 3/3/38
 TD 3347 MTD 3347
 CASING RECORD
9 5/8, 86' / FT @ 1196' CMT @ W / 500 SX
7, 22' / FT @ 3240' CMT @ W / 400 SX
 PERFORATING RECORD
OH 3240-3347
PERFS 3213-3235'
 STIMULATION
OH 3240-3347 120 psi dirlo
PERMS 3268-3235' 160 psi dirlo
 IP _____
 GOR _____ GR _____
 TP _____ CP _____
 CHCKE _____ TUBING _____
 REMARKS
8/2/61 Set 3295-3339' OH &
3213-3235' PERFS W/
20,000 GAL RIF OIL +
30,000 + 20/40 SAND
Set 2/27/87

VI. Exhibit C4

LANGLIE MATTIX QUEEN UNIT #35

API# 30-025-11705
 330 FWL 2310 FNL,
 Sec 23, T25S, R37E Lea Co., NM

Wellbore Diagram

Lease & Well No.	Langlie Mattix Queen Unit #35
Field Name	Langlie Mattix
Location	2,310' FNL & 4,950' FEL; T: 25S R: 37E Sec: 22

Former Name	
County & State	Lea County, New Mexico
API No.	30-025-11705

K.B. Elevation	
D.F. Elevation	
Ground Level	3,076'

Surface Casing				
Size (OD)	8 5/8"	Weight	32.0#	Depth
Grade		Sx. Cmt.	600 sx	TOC @
				Surface

Intermediate Casing				
Size (OD)	n/a	Weight		Depth
Grade		Sx. Cmt.		TOC @

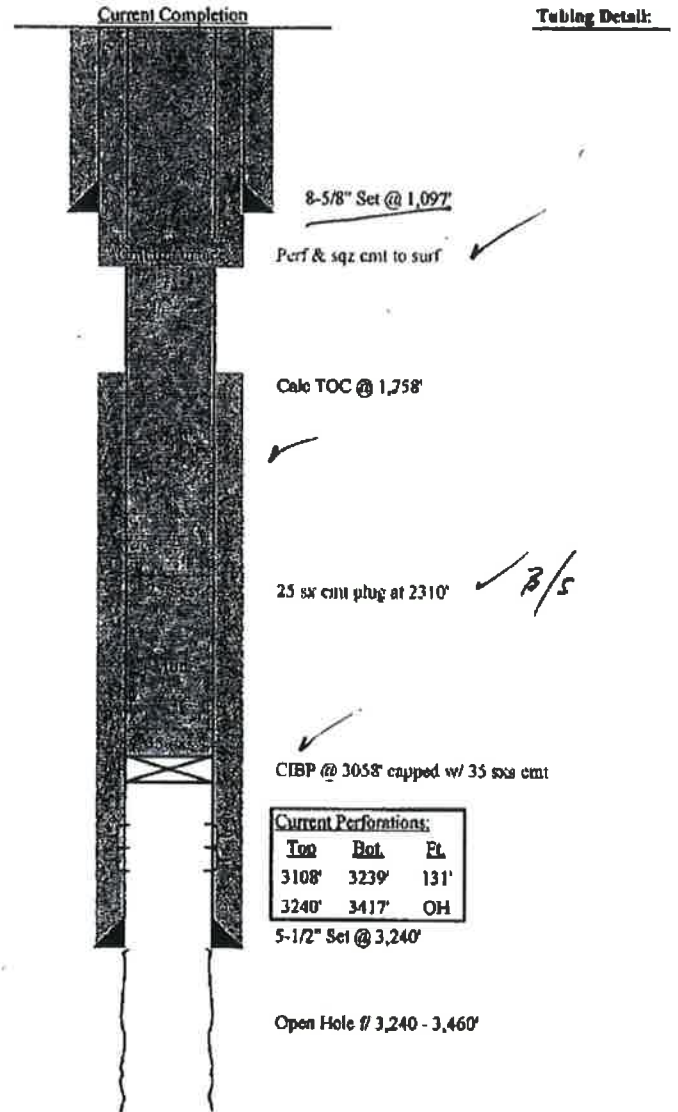
Production Casing				
Size (OD)	6"	Weight	15.0#	Depth
Grade		Sx. Cmt.	200 sx	TOC @
				1,785'

Calc

P&A Procedure:

- POOH w/ injection tbg and pkr.
- RH & set CIBP at 3058' & cap w/ 35 sx cmt.
- WOC & tag top of CIBP no lower than 3008'.
- Circ the hole with mud laden fluid.
- RH & set a 25 sx cmt plug at 2310'.
- WOC & tag no lower than 2210'.
- Perf the 6" csg at 1170' & sqz cmt in/out of csg to surface
- Set the dry hole marker & clean up location.

Formation Record	Depth
Top of Salt	1,120'
Base of Salt	2,260'
Yates	2,470'
7 Rivers	2,730'
Queen	3,110'
Penrose	3,256'



Plug Back Depth	
Total Depth	3,460'

VI. Exhibit C5

CARLSON A #3

API# 30-025-11709
330 FWL 2310 FSL,
Sec 23, T25S, R37E Lea Co., NM

Surface Casing

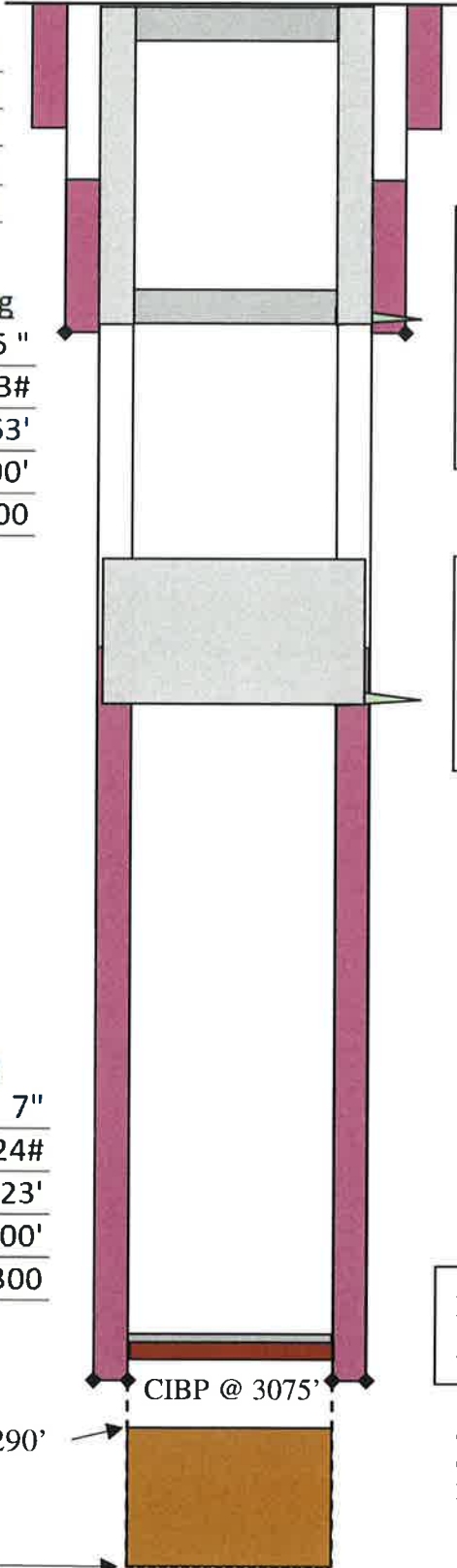
Size 13"
WT 40#
Depth 155'
TOC Surface
sks 100

Intermediate Casing

Size 9.625 "
WT 29.3#
Depth 1163'
TOC est 600'
sks 300

Production Casing

Size 7"
WT 24#
Depth 3223'
TOC est 2000'
sks 300



Cement plug @ Surface
Set 10sx cement inside 7".

Perf 7" @ 1100', set cement
retainer @ 1050'.
Cement 7" w/200 sx.
Cement circulated to surface.
Left 80' plug on top of retainer.

Perf 7" @ 2200', set cement
retainer @ 2100'.
Cement 7" w/310 sx.
TOC @ 1800'.

25sx cement plug from 2975' to 3075'
Set CIBP @ 3075'

PBD w/Fill @ 3290'

TD @ 3345'

Open Hole Completion in 1939:
Queen Formation
Depth: 3223' to 3345'

VI. Exhibit C6

LANGLIE MATTIX QUEEN UNIT #33

API# 30-025-22155
1650 FEL 2310 FNL,
Sec 22, T25S, R37E Lea Co., NM

'F...A'

API 30-25-22155
Sec 22 T-25S-R-37-E
@ 2310' FNL & 1650' FEL

Cut 2'
Below ground level

10 sx cmt surface plug

Spot 50 sx cmt plug from 444-686'
TAG @ 444'

8 5/8" - 28# @ 636'
250 SX CIRC.

Perf @ 1050' w/ PKZ @ 900' sqz w/ 50 SX CL C cmt
TAG @ 1001'
EST TOC 1937'

10 sx cmt plug . tag cmt @ 3006'

CIBP @ 3150' w/ 2 sx cmt

4 1/2" - 9.5# @ 3317'
100 SX CMT

(OPEN HOLE)
327 - 3344

TD 3344'

VI. Exhibit C7

MOBIL #1

API# 30-025-25842
 2180 FWL 1980 FNL,
 Sec 22, T25S, R37E Lea Co., NM

MICHAEL POLLEY OILFIELD CONSULTING, INC.
 9223 Lakeview Road • Trinidad, CO 81082
 MICHAEL POLLEY

COMPANY: Herman Loop

WELL NAME: Mobil #1

COMPLETION, WORKOVER
 AND
 DRILLING SUPERVISION

LEGALS: F, Sec 22, 25S, 37E

API# 30-025-25842

PHONE: 719-846-3434
 MOBILE: 719-342-5600
 polkeyms@gmail.com



VOL BETWEEN PIPE & HOLE CAP

DEPTH	FT/DI	CRAT
4.50 - 1.70	0.85	24.45
8.10 - 1.70	0.20	32.41
8.50 - 12.04	0.75	13.81
5.50 - 12.14	0.54	17.62
13.48 - 17.02	0.72	8.88

TUBING & CASING SIZE & CAP.

WT.	DRIFT	FT/DI
2.50	4.8	0.90
2.70	8.8	0.58
3.02	9.3	0.87
4.10	12.5	0.50
4.10	11.8	0.55
5.12	15.5	0.76
5.12	17.0	0.37
5.12	20.0	0.37
5.12	21.0	0.72
8.50	32.0	0.20
8.50	36.0	0.72

D.P. SIZE _____ TUBING SIZE: _____ CASING SIZE: _____

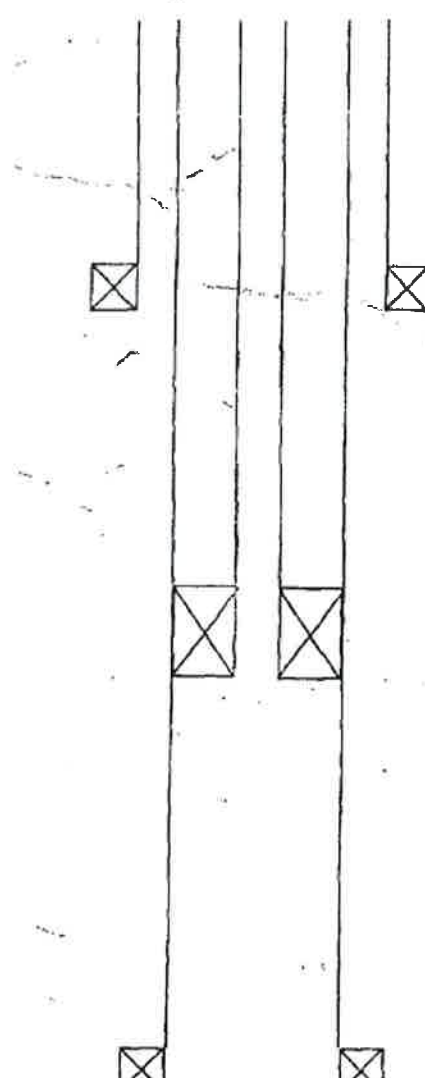
HOLE SIZE: _____ PERFS: _____

PACKER SETTING: _____ BP SETTING: _____ MAX RATE: _____

MAX PSI: _____ BHST: _____ FORM: _____ TAIL PIPE: _____

VOL BETWEEN PIPE & PIPE CAP

WT.	DRIFT	FT/DI	CRAT
2.10 - 4.10	11.8	0.10	29.27
2.30 - 5.10	17.0	0.18	50.28
2.70 - 5.10	17.0	0.18	45.74
2.70 - 7	23.0	0.13	31.81



GR 3,971

13 3/4" Hole

24" # 8 3/8

Set @ 1016'

Cont. to Surf.

W/1100 SX

Per F = 2643 - 2742'

Per F = 2805 - 2965'

CTGA w/Cont. cap 3080'

Per F = 3150 - 3391'

10.5" # 4 1/2

Stacked 3450'

Cont. W/400 SX

7 3/8" Hole

OCT 08 2015

VI. Exhibit C8

TERRA FEDERAL #1

API# 30-025-27245
2310 FWL 1980 FSL,
Sec 22, T25S, R37E Lea Co., NM

82817

Endowner Ever Pos L.P.

Terra Fed
WELL#

D.H.M.

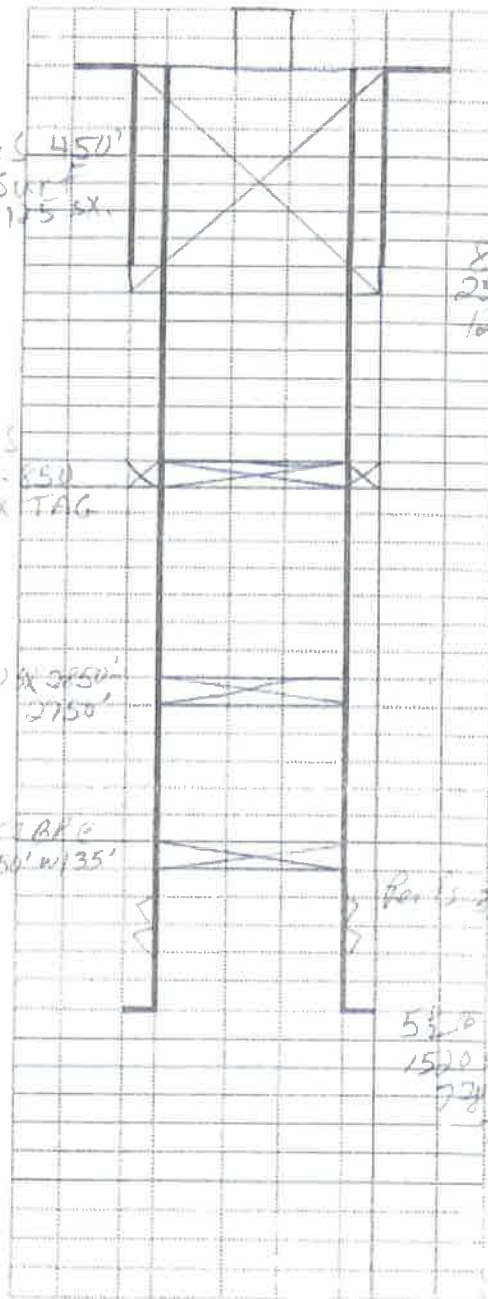
TUBING DETAIL

R.C.

ROD DETAIL

PERFS:

PERFS:	SPF
3242 - 3266	2152 - 2155



P.L.S. 450'
TO SURF
W/ 1 1/2\"

2 1/2\" 400
2500' X
1 1/2\" hole
TOC SURF

P.L.S.
1150 - 1150
65\" TAG

30\" 2850'
2750'

5 1/2\" C.P.C.
3150' W/ 35'

Perfs 3242 - 3266

5 1/2\" 3470
1500' X
7/8\" hole
TOC 335

TD: 3470 PBTD: _____

Rustler 903
Salado 1048
Tamsil 2482
Julina 2800
Yates
RZ 2988
Matix 3190
Qu 3290

AIT, R PVA

VII. Proposed Injection Operation

1. Average daily volume of fluids: 350 barrels of water per day. Maximum: 600 barrels of water per day.
2. The system will be a closed system: On-lease water and water only from offset company lease.
 1. Average injection pressure will be ~1200 psi. Maximum: 2000 psi.
 2. The water source will be produced water from within the lease and offset company lease.
 3. Injection will be into the Queen formation.

VIII. Geologic Data

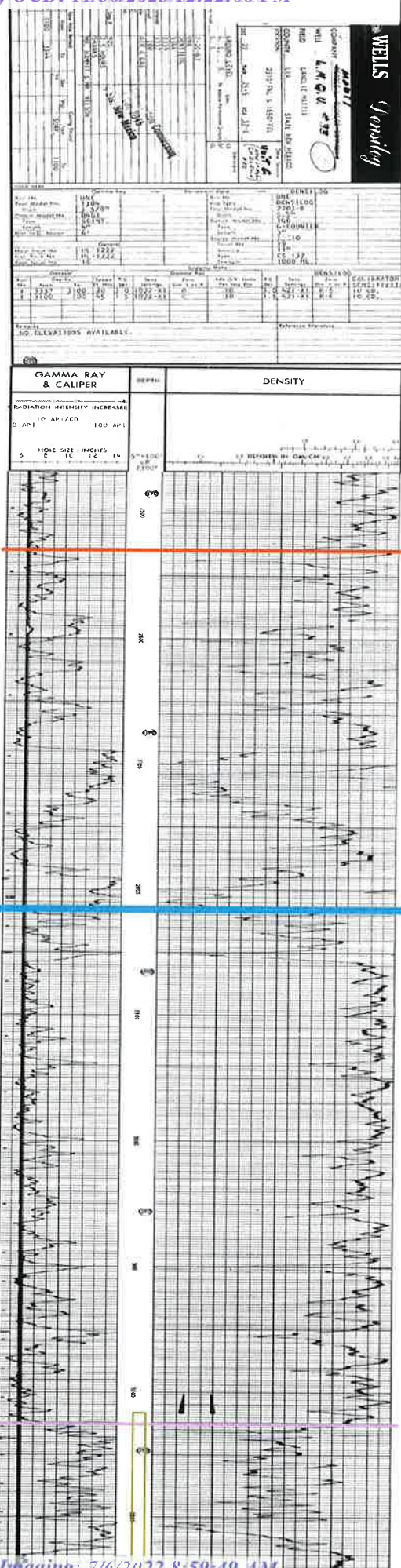
The SWD will be disposing into the SWD; QUEEN [96117]. The portion that will be injected consists mainly of sandstones and dolomitic sandstones.

Formation Tops Are:

Formation	Offset Top (LANGLIE MATTIX QUEEN UNIT #33) 30-025-22155	Contents
Alluvium	GL	Fresh Water
Rustler	909	Anhydrite
Salado (top of salt)	1101	Salt
Tansil (base of salt)	2388	Gas, Oil, & Water
Yates	2530	Gas, Oil, & Water
Seven Rivers	2816	Gas, Oil, & Water
Queen	3226	Gas, Oil, & Water
<i>SWD Interval</i>	<i>3200-3344</i>	<i>Gas, Oil, & Water</i>
Total Depth	3344	

IX. Proposed Stimulation Program

The well will be acidized with 3,000 gal 15% HCl



X. Logging and Test Data

Well originally completed as an oil well producing from the Langlie Mattix Pool [37240] in 1938. Open Hole (3218'-3366') I.P.F 28 BOPH 8/9/1938.

The Harrison Federal #2 was converted to an SWD; QUEEN [96117] well in 2001.

No wireline log is available for the Harrison Federal #2, but a close offset is provided.

Offset Well:

API: 30-025-22155

Well Name & Number:

LANGLIE MATTIX QUEEN UNIT #33

YATES

7-RVRS

QUEEN

XI. Chemical Analysis of Fresh Water Wells

According to the New Mexico Office of the State Engineer, there are 2 active water wells within 1 mile of the HARRISON FEDERAL #2 (Exhibit D1a & b). There are no active water wells within a ½ mile radius. The closer of the two, CP 00784, is a 4500' deep well drilled as a secondary recovery water supply well. Water was sourced from the Grayburg and San Andres formations. This water supply well, also known as the South Justiss Unit WSW #3 (30-025-32264), is Temporarily Abandoned and no sample was taken. The second water well, CP 00216, was drilled to 84' MD. It is considered a "shallow water" fresh water well for "Domestic and Livestock use". FAE II Operating, LLC was unable to get a sample of this well.

FAE II Operating, LLC was able to get 2 fresh water samples from residential well locations. A map showing their locations relative to HARRISON FEDERAL #2 can be seen in Exhibit E1. The first sample was taken from 31 Buckle Ln (Lat: 32.137172, Long: -103.147540) and is about 1.53 Miles North from the HARRISON FEDERAL #2. The second sample was taken from 303 S. Willis Rd (Lat:32.072644, Long: -103.140920) and is about 2.96 Miles South from the HARRISON FEDERAL #2. Their analyses can be seen in Exhibits E2 and E3 respectively. A produced water sample of similar water that will be injected was also taken from the Carlson A Battery (Lat: 32.110152, Long: -103.143242°), and its analysis can be seen in Exhibit E4.

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, BXP Operating, LLC, ENDEAVOR ENERGY RESOURCES, LP, & LEGACY RESERVES OPERATING, LP , and the BLM are the offset operators. Surface owners are the Willis Family Trust.

Well: **Harrison Federal #2**

XI. Exhibit D1a

Location: Twn 25S Rge 37E Sec 22

Footages: 2308 FSL 956 FEL

County: Lea

Location For Office of the State Engineer:

NAD 1983 UTM Zone 13

Easting (X): **674974.850** mtrs

Northing (Y): **3554672.356** mtrs

Water Wells Within 1 Mile Radius

**** 2 ACTIVE ****



New Mexico Office of the State Engineer

Water Column/Average Depth to Water

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

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

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

(NAD83 UTM in meters)

(In feet)

POD Number	Code	POD Sub-basin	County	Q 6	Q 4	Q 1	Q 2	Sec	Tws	Rng	X	Y	Distance	Depth	WellDepth	Water Column
CP00784 POD1		CP	LE	3	4	1	23	25S	37E		675771	3554889*	825		4500	
CP00216 POD1		CP	LE	2	2	1	22	25S	37E		674353	3555464*	1006		84	

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

Record Count: 2

Basin/County Search:

Basin: Capitan

County: Lea

UTM NAD83 Radius Search (in meters):

Easting (X): 674974.85

Northing (Y): 3554672.356

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.

1/31/22 9:10 AM

WATER COLUMN/ AVERAGE DEPTH TO WATER

Well: Harrison Federal #2

XI. Exhibit D1b

Location: Twn 25S Rge 37E Sec 22

Footages: 2308 FSL 956 FEL

County: Lea

Location For Office of the State Engineer:

NAD 1983 UTM Zone 13

Easting (X): **674974.850** mtrs

Northing (Y): **3554672.356** mtrs

Water Well Location Map



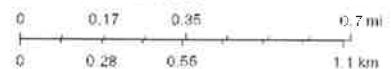
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GIS WATERS PODs

● Active

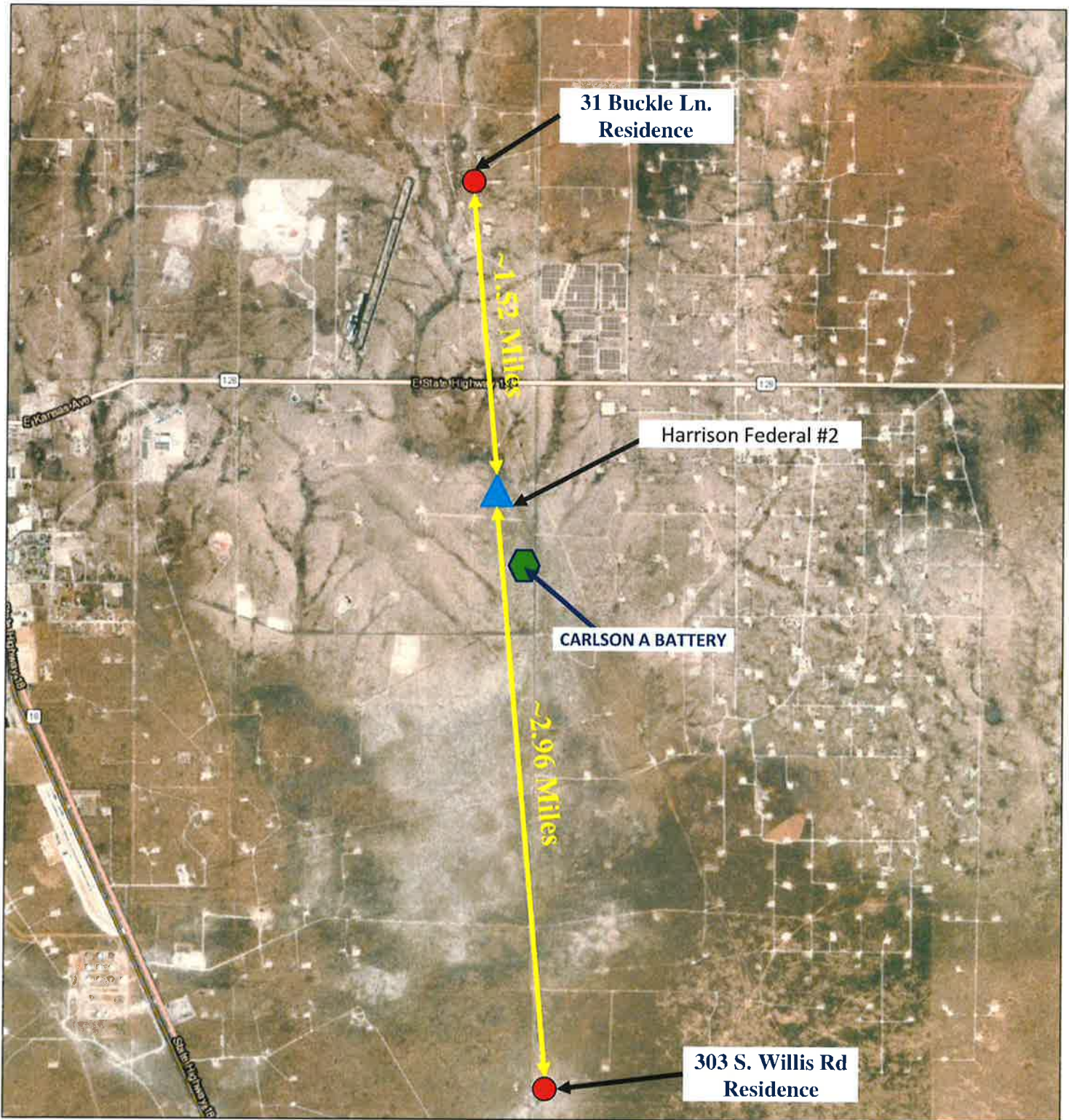
▲ C-108 SWD

1:18,056



XI. Exhibit E1

Fresh Water Well Sample Locations

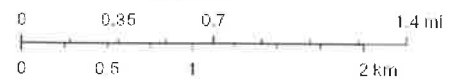


1/31/2022, 11:23:11 AM

▲ C-108 SWD

OSE District Boundary

1:36,112



XI. Exhibit E2



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: EAST OF JAL Project Number: NONE GIVEN Project Manager: JAMES MARTINEZ Fax To:	Reported: 05-Oct-21 14:17
--------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------	------------------------------

31 BUCKLE LN RESIDENCE- 32.137172-103.147540 H212702-01 (Water)

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

Cardinal Laboratories

Inorganic Compounds

Chloride*	600		4.00	mg L	1	1092909	AC	29-Sep-21	4500-Cl-B	
TDS*	2660		5.00	mg L	1	1092310	AC	30-Sep-21	160.1	

31 BUCKLE LANE: Residential Water Supply Well

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 or 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 damage 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 relate 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 E3



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Analytical Results For:

FORTY ACRES ENERGY 11777 KATY FREEWAY STE. 305 B HOUSTON TX, 77079	Project: EAST OF JAL Project Number: NONE GIVEN Project Manager: JAMES MARTINEZ Fax To:	Reported: 05-Oct-21 14:17
--------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------	------------------------------

303 S. WILLIS RD- MARTIN 32.072644-103.140920
H212702-02 (Water)

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

Cardinal Laboratories

Inorganic Compounds

Chloride*	92.0		4.00	mg L	1	1092909	AC	29-Sep-21	4500-Cl-B	
TDS*	684		5.00	mg L	1	1092310	AC	30-Sep-21	160.1	

303 S. WILLIS RD:
Residential
Water Supply Well

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

XI. Exhibit E4



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

Analytical Results For:

FORTY ACRES ENERGY 11777 KATY FREEWAY STE. 305 B HOUSTON TX, 77079	Project: EAST OF JAL Project Number: NONE GIVEN Project Manager: JAMES MARTINEZ Fax To:	Reported: 05-Oct-21 14:17
--------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------	------------------------------

CARLSON A BAT - PRODUCED

H212702-04 (Water)

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

Cardinal Laboratories

Inorganic Compounds

Chloride*	15600		4.00	mg/L	1	1092909	AC	29-Sep-21	4500-C1-B	
TDS*	35800		5.00	mg/L	1	1092907	AC	30-Sep-21	160.1	

CARLSON A BATTERY:
32.110152°, -103.143242°
Produced Water Sample

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 or 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 damage 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 relate 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

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.

OFFSET OPERATORS

BXP Operating, LLC:
11757 KATY FREEWAY
SUITE 475
HOUSTON, TX 77079

LEGACY RESERVES OPERATING, LP:
15 Smith Road
Suite 3000
Midland, TX 79705

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

SURFACE OWNERS

Willis Family Trust
PO Box 307
Jal, NM 88252

FAE II Operating LLC

SJU Harrison Fed #2
2 Mile Radius Wells

UWI/API	OPERATOR	WELL LABEL	TD	WELL TYPE	CURRENT ZONE	SPUD DATE	COMP DATE	TOWNSHIP	RANGE	SECTION	FOOTAGE
300250977300000	HERMAN L LOEB LLC	EXXON 1	3448	PLUGGAS	Plugged	5/4/1936	6/3/1936	255	37E	21	1980 FWL 1980 FSL
30025115740000	STANOLIND OIL	LANGUE B 5	3732	DH50&G	Plugged	8/9/1938	10/11/1938	255	37E	9	660 FWL 660 FSL
3002511570000	BXP Operating, LLC	LANGUE MATTIX QUEEN UNIT #6	3294	OIL	[37240] LANGUE MATTIX;7 RVR5-Q-GRAVBURG	2/11/1936	5/5/1936	255	37E	10	1980 FEL 660 FSL
30025115180000	BXP Operating, LLC	LANGUE MATTIX QUEEN UNIT #7	3421	INJECT	[37240] LANGUE MATTIX;7 RVR5-Q-GRAVBURG	9/7/1936	3/14/1937	255	37E	10	990 FEL 990 FSL
30025115210000	BXP Operating, LLC	LANGUE MATTIX QUEEN UNIT #5	3416	PLUGOIL	Plugged	3/26/1947	5/19/1947	255	37E	10	2145 FEL 990 FSL
30025115220000	BXP Operating, LLC	LANGUE MATTIX QUEEN UNIT #4	3415	OIL	[37240] LANGUE MATTIX;7 RVR5-Q-GRAVBURG	3/19/1937	4/23/1937	255	37E	10	2310 FWL 990 FSL
30025115290000	TENNECO OIL COMPANY	STUART 1	3425	PLUGOIL	Plugged	9/13/1937	11/25/1937	255	37E	10	990 FWL 990 FSL
30025115300000	ENERGEN RESOURCES CORPORATION	STUART LANGUE MATTIX UNIT #122	3353	PLUGOIL	Plugged	5/20/1936	7/28/1936	255	37E	10	1650 FEL 1650 FSL
30025115310000	Sabhal Energy Operating, LLC	STUART LANGUE MATTIX UNIT #121	3380	PLUGOIL	Plugged	4/4/1937	4/30/1937	255	37E	10	990 FEL 1650 FSL
30025115320000	ENERGEN RESOURCES CORPORATION	STUART LANGUE MATTIX UNIT #123	3344	PLUGINI	Plugged	5/12/1937	7/14/1937	255	37E	10	2310 FWL 1650 FSL
30025115330000	LANXCO OPERATING, LLC.	LANGUE MATTIX QUEEN UNIT #8	3409	PLUGOIL	Plugged	10/27/1937	11/24/1937	255	37E	11	330 FWL 990 FSL
30025115390000	LANXCO INC	JUSTI5 BC FEDERAL COM #3	9592	PLUGGAS	Plugged	6/30/1942	6/20/1944	255	37E	11	660 FWL 990 FSL
30025115420000	PRIZE OPERATING COMPANY	LANGUE MATTIX QUEEN UNIT #1	3410	PLUGOIL	Plugged	7/5/1937	8/4/1937	255	37E	11	330 FWL 1650 FSL
30025115560000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #16F	7020	OIL	[34220] JUSTIS;BLINEBRY-TUBB-DRINKARD ; [35180] JUSTIS;PADDOCK	8/27/1938	11/13/1938	255	37E	13	1980 FWL 2310 FWL
30025115570000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #16E	5980	OIL	[34220] JUSTIS;BLINEBRY-TUBB-DRINKARD ; [35180] JUSTIS;PADDOCK	5/24/1939	8/14/1939	255	37E	13	750 FWL 2310 FWL
30025115580000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #015	5992	OIL	[34220] JUSTIS;BLINEBRY-TUBB-DRINKARD	12/7/1939	6/9/1960	255	37E	13	330 FWL 990 FWL
30025115620000	ARCH PETROLEUM INC	LEARCY MCBUFFINGTON #1	3903	PLUGOIL	Plugged	4/28/1936	10/11/1936	255	37E	13	660 FWL 1980 FSL
30025115640000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #18	8183	OIL	[34220] JUSTIS;BLINEBRY-TUBB-DRINKARD	6/12/1937	9/17/1937	255	37E	13	1980 FEL 660 FSL
30025115650000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #18	8264	PLUGOIL	Plugged	9/8/1937	11/4/1937	255	37E	13	1980 FWL 660 FSL
30025115670000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #181	7600	OIL	[34220] JUSTIS;BLINEBRY-TUBB-DRINKARD	1/17/1938	4/7/1938	255	37E	13	1980 FEL 330 FSL
30025115680000	J R OIL, LTD. CO.	LEARCY MCBUFFINGTON 7	8608	GAS	[79360] JUSTIS;GLORETA (PRO GAS)	3/24/1938	9/30/1938	255	37E	13	990 FWL 660 FSL
30025115690000	J R OIL, LTD. CO.	LEARCY MCBUFFINGTON 8	7052	OIL	[34770] JUSTIS;FUSSELMAN ; [35150] JUSTIS;MONTVOYA	5/24/1938	11/11/1938	255	37E	13	1980 FWL 330 FSL
30025115700000	OXY USA INC.	LEARCY MCBUFFINGTON 9	7100	PLUGOIL	Plugged	6/28/1938	11/12/1938	255	37E	13	1980 FWL 1650 FSL
30025115710000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #17	7485	OIL	[34220] JUSTIS;BLINEBRY-TUBB-DRINKARD	8/8/1938	12/17/1938	255	37E	13	990 FWL 1650 FSL
30025115740000	CIMAREX ENERGY CO. OF COLORADO	CARLSON FEDERAL #1	4860	PLUGGAS	Plugged	1/31/1962	3/15/1962	255	37E	13	1650 FWL 1650 FWL
30025115800000	LANXCO OPERATING, LLC.	LANGUE MATTIX QUEEN UNIT #13	3423	PLUGINI	Plugged	10/7/1937	11/16/1937	255	37E	14	660 FWL 660 FSL
30025115810000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #18	5980	OIL	[34220] JUSTIS;BLINEBRY-TUBB-DRINKARD	11/16/1939	2/4/1960	255	37E	14	330 FEL 330 FSL
30025115820000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #17	6020	OIL	[34220] JUSTIS;BLINEBRY-TUBB-DRINKARD	5/25/1960	7/30/1960	255	37E	14	1650 FEL 330 FSL
30025115830000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #17	6020	OIL	[34220] JUSTIS;BLINEBRY-TUBB-DRINKARD	8/21/1959	8/31/1959	255	37E	14	330 FEL 1650 FSL
30025115840000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #16	6040	OIL	[34220] JUSTIS;BLINEBRY-TUBB-DRINKARD	8/25/1961	10/13/1961	255	37E	14	1650 FEL 1650 FSL
30025115850000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #16	6040	OIL	[34220] JUSTIS;BLINEBRY-TUBB-DRINKARD	10/23/1959	12/14/1959	255	37E	14	330 FEL 2310 FWL
30025115860000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #15	6050	OIL	[34220] JUSTIS;BLINEBRY-TUBB-DRINKARD	10/21/1961	1/8/1962	255	37E	14	330 FEL 990 FWL
30025115870000	FAE II Operating LLC	FEDERAL A #2	3400	OIL	[37240] LANGUE MATTIX;7 RVR5-Q-GRAVBURG	4/22/1939	5/12/1939	255	37E	14	2310 FEL 430 FWL
30025115880000	FAE II Operating LLC	FEDERAL B 2	3450	GAS	[37240] LANGUE MATTIX;7 RVR5-Q-GRAVBURG	11/12/1938	1/29/1939	255	37E	14	330 FEL 1650 FWL
30025115890000	ARCO OIL & GAS CORPORATION	STUART A 1	3395	PLUGOIL	Plugged	2/12/1938	3/15/1938	255	37E	14	1650 FWL 330 FWL
30025115900000	FAE II Operating LLC	FEDERAL A #1	3450	OIL	[37240] LANGUE MATTIX;7 RVR5-Q-GRAVBURG	5/5/1938	6/5/1938	255	37E	14	330 FEL 560 FWL
30025115910000	FAE II Operating LLC	FEDERAL B 1	3298	GAS	[37240] LANGUE MATTIX;7 RVR5-Q-GRAVBURG	6/24/1938	7/31/1938	255	37E	14	1980 FEL 1980 FWL
30025115920000	EL PASO EXPLORATION COMPANY	FED-LANGUE 1	4858	PLUGGAS	Plugged	2/27/1962	3/30/1962	255	37E	14	660 FEL 2310 FSL
30025115930000	CIMAREX ENERGY CO. OF COLORADO	LANGUE FEDERAL #1	4962	PLUGGAS	Plugged	10/29/1954	1/9/1955	255	37E	14	330 FWL 1980 FSL
30025115940000	MERIT ENERGY COMPANY, LLC	LANGUE FEDERAL #1	3427	PLUGOIL	Plugged	4/30/1938	6/10/1938	255	37E	14	330 FWL 1980 FSL
30025115950000	EL PASO NATURAL GAS CO	LANGUE A FEDERAL #2	3270	PLUGOIL	Plugged	12/6/1934	1/1/1935	255	37E	14	1980 FWL 1980 FSL
30025115960000	BXP Operating, LLC	LANGUE MATTIX QUEEN UNIT #27	3375	INJECT	[37240] LANGUE MATTIX;7 RVR5-Q-GRAVBURG	7/28/1937	8/30/1937	255	37E	14	660 FWL 660 FSL
30025115970000	BXP Operating, LLC	LANGUE MATTIX QUEEN UNIT #21	3418	PLUGINI	Plugged	11/8/1938	9/5/1938	255	37E	14	660 FWL 1980 FSL
30025115980000	PRIZE OPERATING COMPANY	PARCHARD 1	2980	GAS	[79240] JALMAY;TAN-VATES-7 RVR5 (GAS)	11/8/1936	7/12/1936	255	37E	15	1980 FWL 660 FSL
30025115990000	BXP Operating, LLC	LANGUE MATTIX QUEEN UNIT #20	3395	OIL	[37240] LANGUE MATTIX;7 RVR5-Q-GRAVBURG	12/31/1937	2/5/1938	255	37E	15	660 FEL 1980 FSL
30025116000000	BXP Operating, LLC	LANGUE MATTIX QUEEN UNIT #24	3375	OIL	[37240] LANGUE MATTIX;7 RVR5-Q-GRAVBURG	4/30/1937	6/10/1937	255	37E	15	1650 FEL 330 FSL
30025116010000	BXP Operating, LLC	LANGUE MATTIX QUEEN UNIT #19	3418	INJECT	[37240] LANGUE MATTIX;7 RVR5-Q-GRAVBURG	5/23/1937	8/17/1937	255	37E	15	1980 FEL 1980 FSL

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30025116020000	SKELLY OIL COMPANY	STUART 1	3416	JNK		Plugged		5/3/1936	10/6/1936	255	37E	15	1980 FWL 660 FNL
30025116030000	BXP Operating, LLC	LANGUE MATTIX QUEEN UNIT #10	3402	OIL	[37240]	Plugged		10/13/1936	11/28/1936	255	37E	15	2090 FWL 520 FNL
30025116040000	MOBIL PRODUCING TEXAS & NEW MEXICO INC	LANGUE MATTIX QN U 25	3400	PLUGGINI		Plugged		6/23/1937	7/26/1937	255	37E	15	990 FEL 330 FSL
30025116050000	STANDIUND OIL	LANGUE B FEDERAL 1	3418	PLUGGINI		Plugged		8/31/1936	11/30/1936	255	37E	15	1980 FWL 1980 FNL
30025116060000	WILDCAT ENERGY LLC	LANGUE B FEDERAL 2	3458	GAS	[79240]	Plugged		7/31/1937	9/22/1937	255	37E	15	660 FWL 660 FNL
30025116070000	BXP Operating, LLC	LANGUE MATTIX QUEEN UNIT #11	3390	INJECT	[37240]	Plugged		4/21/1936	6/17/1936	255	37E	15	1980 FEL 660 FNL
30025116080000	PRIZE OPERATING COMPANY	LANGUE MATTIX QUEEN UNIT #16	3383	PLUGGINI		Plugged		3/7/1937	4/18/1937	255	37E	15	1980 FEL 1980 FNL
30025116100000	BXP Operating, LLC	LANGUE MATTIX QUEEN UNIT #12	3330	OIL	[37240]	Plugged		5/31/1937	7/6/1937	255	37E	15	660 FEL 660 FNL
30025116110000	PRIZE OPERATING COMPANY	LANGUE MATTIX QUEEN UNIT #17	3364	PLUGGINI		Plugged		2/16/1938	3/19/1938	255	37E	15	660 FEL 660 FNL
30025116120000	OXY USA INC	ARNOTT RAMSAY NCT E 2	3153	PLUGGINI		Plugged		11/4/1939	3/10/1940	255	37E	16	1980 FEL 660 FSL
30025116200000	GULF OIL CORPORATION	ARNOTT RAMSAY NCT E 4	3400	PLUGGINI		Plugged		5/1/1939	6/15/1953	255	37E	16	660 FWL 1980 FSL
30025116270000	GULF OIL CORPORATION	ARNOTT RAMSAY NCT E 3	3125	PLUGGINI		Plugged		1/18/1951	3/10/1951	255	37E	16	705 FWL 615 FSL
30025116290000	BETTIS BOYLE & STOVALL, INC.	STATE O 1	3790	PLUGGINI		Plugged		6/27/1955	9/17/1955	255	37E	16	660 FEL 660 FNL
30025116610000	BETTIS BOYLE & STOVALL, INC.	JOHNS FEDERAL 1	3412	OIL	[33820]	Plugged		8/29/1939	2/8/1940	255	37E	20	660 FEL 660 FNL
30025116640000	BETTIS BOYLE & STOVALL, INC.	JUSTS BM A 6	3332	TA	[33820]	Plugged		11/1/1954	12/25/1954	255	37E	20	330 FEL 2310 FNL
30025116680000	BETTIS BOYLE & STOVALL, INC.	B M JUSTS A #2	3029	PLUGGINI		Plugged		7/28/1937	7/28/1937	255	37E	20	660 FEL 1980 FNL
30025116700000	BURLESON PETROLEUM, INC	LEONARD 1	3362	PLUGGINI		Plugged		5/6/1936	9/10/1936	255	37E	20	660 FEL 660 FSL
30025116720000	FLUFER OIL & CATTLE LLC	LEONARD 2	3620	OIL	[33820]	Plugged		11/16/1937	2/7/1938	255	37E	20	660 FEL 1980 FSL
30025116770000	SUN OIL COMPANY	LANEHART 3	8940	PLUGGINI		Plugged		5/18/1957	9/8/1957	255	37E	20	330 FEL 330 FSL
30025116790000	FAE II Operating LLC	A B COATES B 1	3077	OIL	[33820]	Plugged		9/18/1936	2/12/1949	255	37E	21	660 FEL 660 FSL
30025116750000	HERMAN L. LOEB LLC	HADFIELD 2	3487	PLUGGINI		Plugged		11/7/1948	2/12/1949	255	37E	21	660 FEL 660 FSL
30025116770000	HERMAN L. LOEB LLC	HADFIELD 1	3024	PLUGGINI		Plugged		12/9/1946	2/23/1947	255	37E	21	1980 FEL 660 FSL
30025116780000	FAE II Operating LLC	LANEHART 1Y	9029	OIL	[37240]	Plugged		1/14/1936	3/28/1956	255	37E	21	810 FWL 660 FSL
30025116790000	BURLESON PETROLEUM, INC	LANEHART #1	2775	PLUGGINI		Plugged		1/5/1951	5/21/1951	255	37E	21	660 FWL 660 FSL
30025116790000	BETTIS BOYLE & STOVALL, INC.	B T LANEHART 5	3143	PLUGGINI		Plugged		9/15/1955	12/28/1955	255	37E	21	2310 FEL 2310 FNL
30025116800000	BETTIS BOYLE & STOVALL, INC.	B T LANEHART 1	3446	PLUGGINI		Plugged		1/21/1936	4/28/1936	255	37E	21	1980 FEL 1980 FNL
30025116810000	BETTIS BOYLE & STOVALL, INC.	LANEHART 4	3101	PLUGGINI		Plugged		11/14/1937	12/28/1937	255	37E	21	2310 FEL 990 FNL
30025116820000	FAE II Operating LLC	B T LANEHART 3	3091	OIL	[33820]	Plugged		3/16/1937	5/11/1937	255	37E	21	1980 FWL 660 FNL
30025116830000	ANDERSON-PRICHARD OIL CORP	CARLSON 2	3020	PLUGGINI		Plugged		11/18/1936	3/1/1937	255	37E	21	660 FWL 1980 FNL
30025116840000	HERMAN L. LOEB LLC	LANEHART 3	2928	PLUGGINI		Plugged		5/23/1937	10/1/1937	255	37E	21	990 FWL 2310 FSL
30025116850000	BURLESON LEWIS B INCORPORATED	LANEHART 1	3782	PLUGGINI		Plugged		7/26/1936	12/22/1936	255	37E	21	990 FEL 2310 FNL
30025116860000	HERMAN L. LOEB LLC	AZTEC 1	3565	PLUGGINI		Plugged		5/3/1936	6/21/1936	255	37E	21	1980 FWL 1980 FSL
30025116870000	FAE II Operating LLC	B T LANEHART 2	2925	OIL	[33820]	Plugged		6/8/1936	7/25/1936	255	37E	21	1980 FWL 1980 FNL
30025116880000	LINN OPERATING, LLC	LANGUE MATTIX QUEEN UNIT #40	3345	PLUGGINI		Plugged		4/5/1938	5/3/1938	255	37E	22	1650 FEL 1650 FSL
30025116890000	BXP Operating, LLC	LANGUE MATTIX QUEEN UNIT #34	3380	OIL	[37240]	Plugged		2/16/1939	3/17/1939	255	37E	22	990 FEL 1650 FNL
30025116900000	FAE II Operating LLC	Harrison Federal #2	3366	SWD	[37240]	Plugged		7/6/1938	7/29/1938	255	37E	22	2308 FSL 956 FEL
30025116910000	ANDERSON-PRICHARD OIL CORP	INDIAN-FEDERAL 1	3007	JNK		Plugged		12/1/1951	5/25/1952	255	37E	22	660 FWL 660 FSL
30025116920000	CIMAREX ENERGY CO. OF COLORADO	CARLSON HARRISON-FEDERAL COM 1	3074	PLUGGINI		Plugged		7/23/1955	9/6/1955	255	37E	22	660 FWL 1980 FSL
30025116930000	BURLESON LEWIS B INCORPORATED	STUART 2	3400	PLUGGINI		Plugged		11/13/1956	12/27/1956	255	37E	22	2310 FWL 660 FNL
30025116940000	LINN OPERATING, LLC	LANGUE MATTIX QUEEN UNIT #30	3373	PLUGGINI		Plugged		2/10/1938	5/10/1938	255	37E	22	990 FEL 330 FNL
30025116950000	BXP Operating, LLC	LANGUE MATTIX QUEEN UNIT #29	3410	OIL	[37240]	Plugged		10/14/1936	11/10/1937	255	37E	22	1650 FEL 330 FNL
30025116960000	FAE II Operating LLC	CARLSON A #2	3354	OIL	[37240]	Plugged		10/2/1938	11/18/1938	255	37E	22	1650 FEL 990 FSL
30025116970000	FAE II Operating LLC	CARLSON A #1	3327	OIL	[37240]	Plugged		9/30/1938	11/2/1938	255	37E	22	990 FEL 330 FSL
30025116980000	FAE II Operating LLC	Harrison Federal #3	3403	OIL	[37240]	Plugged		8/15/1938	9/11/1938	255	37E	22	1650 FEL 1650 FSL
30025117000000	PRIZE OPERATING COMPANY	LANGUE MATTIX QUEEN UNIT #31	3361	PLUGGINI		Plugged		10/10/1936	11/28/1936	255	37E	23	660 FWL 660 FNL
30025117010000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTS QUEEN #22	5965	OIL	[34200]	Plugged		6/5/1959	10/3/1959	255	37E	23	330 FEL 660 FSL
30025117020000	PERMAN RESOURCES INC	HARRISON #1	3347	PLUGGINI		Plugged		2/2/1938	3/10/1938	255	37E	23	330 FWL 330 FSL
30025117030000	ANDERSON-PRICHARD OIL CORP	HARRISON-CARLSON 5	5021	DHSO		Plugged		5/7/1943	7/31/1943	255	37E	23	1980 FWL 1980 FSL
30025117040000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTS UNIT #21	6050	OIL	[34200]	Plugged		4/19/1961	6/19/1961	255	37E	23	330 FEL 1980 FSL
30025117050000	LINN OPERATING, LLC	LANGUE MATTIX QUEEN UNIT #35	3350	PLUGGINI		Plugged		4/18/1939	5/9/1939	255	37E	23	330 FWL 2310 FNL

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30025117060000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #21	6052	OIL	[34220] JUSTIS:BLINEBRY-TUBB-DRINKARD	7/28/1961	9/30/1961	255	37E	23	1650 FEL 1980 FSL
30025117070000	FAE II Operating LLC	CARLSON FEDERAL 2	3314	GAS	[37240] LANGUE MATTX:7 RVRS-Q-GRAYBURG ; [79240] JALMA:TTAN-XATES-7 RVRS (GAS)	9/27/1955	12/8/1955	255	37E	23	1980 FWL 660 FSL
30025117080000	FAE II Operating LLC	CARLSON FEDERAL 3	4279	GAS	[37240] LANGUE MATTX:7 RVRS-Q-GRAYBURG	9/23/1955	10/29/1955	255	37E	23	660 FEL 1980 FSL
30025117090000	SANTA FE ENERGY RESOURCES INCORPORATED	CARLSON A #3	3345	PLUGGAIL	Plugged	12/13/1938	1/15/1939	255	37E	23	330 FWL 2310 FSL
30025117100000	FAE II Operating LLC	CARLSON A FEDERAL 1	4877	GAS	[79360] JUSTIS:GLORIEITA (PRO GAS)	3/17/1962	4/29/1962	255	37E	23	660 FEL 990 FSL
30025117110000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #19	5988	OIL	[34220] JUSTIS:BLINEBRY-TUBB-DRINKARD	2/12/1960	5/11/1960	255	37E	23	330 FEL 990 FSL
30025117120000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #20	5984	OIL	[34220] JUSTIS:BLINEBRY-TUBB-DRINKARD	4/11/1960	6/19/1960	255	37E	23	330 FEL 2310 FNL
30025117130000	BURLINGTON RESOURCES OIL & GAS CO	CARLSON #3	3173	PLUGGAS	Plugged	5/23/1957	10/5/1957	255	37E	23	660 FEL 660 FSL
30025117140000	LEGACY RESERVES OPERATING, LP	WIMBERLY JH FEDERAL COM #1	9152	PLUGGAS	Plugged	6/25/1947	12/12/1947	255	37E	23	660 FEL 1980 FNL
30025117150000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #20	6000	OIL	[34220] JUSTIS:BLINEBRY-TUBB-DRINKARD	4/21/1961	3/29/1943	255	37E	23	1980 FWL 1980 FNL
30025117160000	LEGACY RESERVES OPERATING, LP	WIMBERLY WN #1	4294	PLUGGAS	Plugged	2/1/1943	5/1/1961	255	37E	23	1650 FEL 1980 FNL
30025117170000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #19	5917	OIL	[34220] JUSTIS:BLINEBRY-TUBB-DRINKARD	5/15/1962	7/1/1962	255	37E	23	1650 FEL 660 FNL
30025117180000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #21	7000	OIL	[34220] JUSTIS:BLINEBRY-TUBB-DRINKARD	3/26/1958	5/5/1958	255	37E	24	990 FWL 1980 FSL
30025117200000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #22	7000	PLUGOIL	Plugged	5/30/1958	7/1/1958	255	37E	24	990 FWL 660 FSL
30025117210000	LEGACY RESERVES OPERATING, LP	IDA WIMBERLEY #11	5472	OIL	[34220] JUSTIS:BLINEBRY-TUBB-DRINKARD ; [37240] LANGUE MATTX:7 RVRS-Q-GRAYBURG	5/10/1959	6/7/1959	255	37E	24	660 FWL 1980 FSL
30025117220000	LEGACY RESERVES OPERATING, LP	IDA WIMBERLEY #13	5450	PLUGGAS	Plugged	11/9/1960	1/7/1961	255	37E	24	330 FWL 330 FSL
30025117230000	CHEVRON U S A INC	A B COATES C FEDERAL #1	3300	PLUGGAS	Plugged	1/18/1951	2/22/1951	255	37E	24	1980 FWL 1980 FNL
30025117280000	CHEVRON U S A INC	A B COATES C FEDERAL #15	8125	OIL	[35150] JUSTIS:MONTOYA ; [96543] JUSTIS:ABO, MID (GAS)	7/21/1958	9/5/1958	255	37E	24	1980 FEL 660 FSL
30025117290000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #19	8177	GAS	[34220] JUSTIS:BLINEBRY-TUBB-DRINKARD	2/13/1957	6/10/1957	255	37E	24	1980 FEL 660 FNL
30025117300000	TEXACO EXPLORATION & PRODUCTION INC	A B COATES C FEDERAL #8	7520	PLUGOIL	Plugged	8/26/1957	12/8/1957	255	37E	24	1880 FEL 660 FNL
30025117310000	CHEVRON U S A INC	A B COATES C FEDERAL #9	8075	PLUGGAS	Plugged	11/5/1957	1/2/1958	255	37E	24	1980 FEL 1980 FSL
30025117320000	LEGACY RESERVES OPERATING, LP	A B COATES C GAS COM #1	8210	GAS	[34770] JUSTIS:FUSSELMAN ; [96543] JUSTIS:ABO, MID (GAS)	12/4/1956	1/27/1957	255	37E	24	2080 FWL 1980 FNL
30025117330000	CHEVRON U S A INC	AB COATES-FEDERAL C 11	7101	PLUGOIL	Plugged	4/11/1958	5/28/1958	255	37E	24	1650 FWL 1980 FNL
30025117340000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #21	7137	OIL	[34220] JUSTIS:BLINEBRY-TUBB-DRINKARD ; [34770] JUSTIS:FUSSELMAN	6/7/1958	7/16/1958	255	37E	24	1650 FWL 1980 FSL
30025117350000	CHEVRON U S A INC	COATES WIMBERLY FEDERAL COM #1	8205	GAS	[35150] JUSTIS:MONTOYA ; [96543] JUSTIS:ABO, MID (GAS)	4/15/1958	5/28/1958	255	37E	24	2310 FWL 1980 FSL
30025117360000	CHEVRON U S A INC	AB COATES-FEDERAL C 14	6980	OIL	[35150] JUSTIS:MONTOYA ; [37240] LANGUE MATTX:7 RVRS-Q-GRAYBURG	6/9/1958	7/19/1958	255	37E	24	2310 FEL 1650 FNL
30025117370000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #20	8065	OIL	[34220] JUSTIS:BLINEBRY-TUBB-DRINKARD	6/23/1957	8/20/1957	255	37E	24	1980 FEL 1980 FNL
30025117380000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #22	7650	OIL	[34220] JUSTIS:BLINEBRY-TUBB-DRINKARD	9/8/1958	11/2/1958	255	37E	24	2030 FEL 760 FSL
30025117400000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #21	7800	OIL	[34220] JUSTIS:BLINEBRY-TUBB-DRINKARD ; [34580] JUSTIS:ELLENBURGER	11/5/1958	12/24/1958	255	37E	24	990 FEL 1980 FSL
30025117430000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #21	7551	TA	[34220] JUSTIS:BLINEBRY-TUBB-DRINKARD	11/5/1958	12/17/1958	255	37E	24	1980 FEL 2080 FSL
30025117440000	CHEVRON U S A INC	A B COATES C FEDERAL #22	6881	PLUGOIL	Plugged	1/24/1959	3/8/1959	255	37E	24	2310 FEL 660 FNL
30025117460000	GELITY OIL COMPANY	AB COATES-FEDERAL D 1	3300	PLUGGAS	Plugged	5/29/1952	7/3/1952	255	37E	24	1980 FWL 660 FSL
30025117470000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #22	7007	TA	[34220] JUSTIS:BLINEBRY-TUBB-DRINKARD	7/21/1958	8/29/1958	255	37E	24	1650 FWL 660 FSL
30025117480000	CHEVRON U S A INC	A B COATES D #3	8260	OIL	[34770] JUSTIS:FUSSELMAN ; [35150] JUSTIS:MONTOYA	3/20/1959	5/29/1959	255	37E	24	2310 FWL 990 FSL
30025117490000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #19	8235	OIL	[34220] JUSTIS:BLINEBRY-TUBB-DRINKARD	7/10/1957	10/2/1957	255	37E	24	1980 FWL 660 FNL
30025117500000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #19	8635	PLUGOIL	Plugged	10/13/1957	1/22/1958	255	37E	24	660 FWL 660 FNL
30025117510000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #201	7242	OIL	[34220] JUSTIS:BLINEBRY-TUBB-DRINKARD ; [34770] JUSTIS:FUSSELMAN	1/14/1958	3/11/1958	255	37E	24	990 FWL 1980 FNL
30025117520000	ARCO PERMIAN	WIMBERLY WN 5	8210	PLUGOIL	Plugged	3/22/1958	6/1/1958	255	37E	24	2310 FWL 990 FNL
30025117530000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT WSW #1	7090	WSW	[34770] JUSTIS:FUSSELMAN ; [96221] WSW:SAN ANDES	12/2/1958	1/24/1959	255	37E	24	990 FWL 660 FNL
30025117550000	ATLANTIC RICHFIELD COMPANY THE	STATE # 1	3339	PLUGGAS	Plugged	5/15/1953	6/11/1953	255	37E	25	1979 FEL 660 FNL
30025117570000	ARCO PERMIAN	IDA WIMBERLEY ETAL 2	3230	PLUGGAS	Plugged	8/9/1952	8/25/1952	255	37E	25	1980 FWL 660 FNL

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3002511750000	HERMAN L LOEB LLC	COOK 2	3284	PLUGOIL		Plugged	8/15/1937	9/16/1937	255	37E	28	660 FWL 660 FSL
3002511750000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #24	7000	OIL	[34220] JUSTIS-BLINERY-TUBB-DRINKARD		8/13/1958	9/17/1958	255	37E	25	1980 FWL 1980 FNL
3002511760000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #23C	7578	OIL	[34220] JUSTIS-BLINERY-TUBB-DRINKARD ; [34770] JUSTIS-FUSSELMAN		7/3/1958	10/1/1958	255	37E	25	2080 FWL 660 FNL
3002511761000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #23	7000	PLUGOIL	Plugged		9/21/1958	11/5/1958	255	37E	25	990 FWL 660 FNL
3002511762000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #24	7002	OIL	[34220] JUSTIS-BLINERY-TUBB-DRINKARD		1/2/1959	2/1/1959	255	37E	25	1980 FEL 1650 FNL
3002511763000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #24	7105	TA	[34220] JUSTIS-BLINERY-TUBB-DRINKARD		2/4/1959	3/19/1959	255	37E	25	990 FWL 1650 FNL
3002511766000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #26	5909	OIL	[34220] JUSTIS-BLINERY-TUBB-DRINKARD		9/25/1959	12/18/1959	255	37E	25	990 FWL 990 FSL
3002511769000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #25K	6960	PLUGOIL	Plugged		12/4/1958	1/27/1959	255	37E	25	2309 FWL 2310 FSL
3002511769000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #25	6000	OIL	[34220] JUSTIS-BLINERY-TUBB-DRINKARD		6/7/1959	7/22/1959	255	37E	25	990 FWL 2310 FSL
3002511771000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #23	8350	TA	[34220] JUSTIS-BLINERY-TUBB-DRINKARD ; [34580] JUSTIS-ELENBURGER ; [35150] JUSTIS-MONTVOA		10/16/1958	12/21/1958	255	37E	25	1650 FEL 330 FNL
3002511773000	LEGACY RESERVES OPERATING, LP	STATE Y #5	6872	OIL	[34220] JUSTIS-BLINERY-TUBB-DRINKARD ; [34770] JUSTIS-FUSSELMAN		1/26/1959	3/2/1959	255	37E	25	2308 FEL 990 FNL
3002511780000	FAE II Operating LLC	CARLSON B FEDERAL 1	4934	GAS	[79360] JUSTIS-GLORIETA (PRO GAS)		2/27/1957	5/1/1957	255	37E	25	1980 FWL 1980 FSL
3002511781000	BURLINGTON RESOURCES OIL & GAS CO	CARLSON A FEDERAL #2	3224	PLUGGAS	Plugged		2/4/1955	2/23/1955	255	37E	25	660 FWL 660 FSL
3002511786000	AMERICAN EXPLORATION COMPANY	ALSTON 1	3865	PLUGOIL	Plugged		11/9/1937	1/14/1938	255	37E	26	330 FWL 330 FNL
3002511787000	RICE OPERATING COMPANY	JUSTIS SWD #26	4800	OIL	[96121] SWD:SAN ANDRES		12/8/1938	1/27/1939	255	37E	26	1650 FWL 330 FSL
3002511788000	MAAMOTH EXPLORATION, LLC	HENRY 3	3325	SWD	[37240] LANGUE MATTX;7 RVRS-Q-GRAVBURG		2/10/1939	4/9/1939	255	37E	26	330 FWL 330 FSL
3002511789000	ITALO PETROLEUM CORPORATION	CARLSON B-26 1	3341	PLUGOIL	Plugged		3/26/1939	4/25/1939	255	37E	26	660 FEL 1980 FNL
3002511790000	CIMAREX ENERGY CO. OF COLORADO	CARLSON #2	3200	PLUGOIL	Plugged		4/6/1957	9/10/1957	255	37E	26	660 FEL 1980 FNL
3002511791000	MAAMOTH EXPLORATION, LLC	HENRY 1	3300	OIL	[37240] LANGUE MATTX;7 RVRS-Q-GRAVBURG		5/27/1938	8/13/1938	255	37E	26	660 FWL 2310 FSL
3002511792000	HESS CORPORATION	IDA WIMBERLEY #1	3230	PLUGGAS	Plugged		3/20/1945	4/18/1945	255	37E	26	660 FEL 660 FNL
3002511793000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #23	5954	OIL	[34220] JUSTIS-BLINERY-TUBB-DRINKARD		4/1/1959	4/30/1959	255	37E	26	330 FEL 660 FNL
3002511794000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #24	5985	OIL	[34220] JUSTIS-BLINERY-TUBB-DRINKARD		7/14/1959	10/1/1959	255	37E	26	330 FEL 1650 FNL
3002511795000	PERMINA RESOURCES INC	CARLSON B 26 #3	3329	PLUGGAS	Plugged		1/12/1956	2/1/1956	255	37E	26	2310 FEL 1650 FSL
3002511797000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #25	4831	TA	[37240] LANGUE MATTX;7 RVRS-Q-GRAVBURG		6/14/1956	8/3/1956	255	37E	26	660 FEL 1980 FSL
3002511798000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #26	6000	OIL	[34220] JUSTIS-BLINERY-TUBB-DRINKARD		1/8/1960	3/3/1960	255	37E	26	330 FEL 2310 FSL
3002511799000	AMERICAN EXPLORATION COMPANY	ALSTON 2	3342	PLUGOIL	Plugged		6/20/1960	8/7/1960	255	37E	26	330 FEL 990 FSL
3002511800000	FAE II Operating LLC	CARLSON B 26 #2	3279	TA	[37240] LANGUE MATTX;7 RVRS-Q-GRAVBURG		2/11/1938	3/15/1938	255	37E	26	330 FWL 1650 FNL
3002511801000	AMERICAN EXPLORATION COMPANY	ALSTON 4	3341	PLUGOIL	Plugged		6/16/1955	7/11/1955	255	37E	26	990 FEL 990 FSL
3002511802000	WESTATES PETROLEUM COMPANY	CARLSON-FEDERAL B-26 7	6050	PLUGOIL	Plugged		4/26/1938	6/13/1938	255	37E	26	1650 FWL 2310 FNL
3002511803000	JEFFERS OIL COMPANY	CARLSON 1	3652	DHSORG	Plugged		8/6/1960	9/28/1960	255	37E	26	1650 FEL 2310 FSL
3002511804000	ANDERSON-RICHARD OIL CORP	HARRISON 4	3349	DHSORG	Plugged		4/25/1935	9/16/1935	255	37E	27	1980 FEL 1980 FSL
3002511805000	FAE II Operating LLC	HARRISON FEDERAL WB #1	3370	GAS	[79240] JALMA:TIAN-VATES-7 RVRS (GAS)		10/8/1938	1/4/1939	255	37E	27	330 FEL 1650 FNL
3002511807000	AMERICAN EXPLORATION COMPANY	ALSTON #3	3345	PLUGOIL	Plugged		3/25/1955	12/13/1955	255	37E	27	660 FWL 1980 FSL
3002511808000	HAMILTON DOME OIL COMPANY	CARLSON-FEDERAL B 1	3364	PLUGOIL	Plugged		3/24/1938	4/17/1938	255	37E	27	990 FEL 330 FNL
3002511809000	FAE II Operating LLC	CARLSON B 27 #2	3307	OIL	[37240] LANGUE MATTX;7 RVRS-Q-GRAVBURG		11/4/1938	1/31/1939	255	37E	27	1650 FEL 330 FNL
3002511810000	CIMAREX ENERGY CO. OF COLORADO	CARLSON HARRISON FEDERAL COM 2	3542	PLUGGAS	Plugged		11/9/1938	12/9/1938	255	37E	27	330 FEL 2310 FSL
3002511811000	ATLANTIC RICHFIELD COMPANY THE	ARC FEDERAL 1	10830	PLUGGAS	Plugged		12/28/1955	6/8/1956	255	37E	27	660 FWL 660 FNL
3002511812000	RESERVE OIL INCORPORATED	C J LANEHART 2	9170	DRY	Plugged		4/13/1953	1/18/1955	255	37E	28	1980 FWL 1980 FSL
3002511813000	HERMAN L LOEB LLC	LANEHART A 1	2900	PLUGOIL	Plugged		1/5/1956	4/12/1956	255	37E	28	1980 FEL 950 FNL
3002511814000	BURLESON LEWIS B INCORPORATED	NANCY FEDERAL 2	3329	PLUGGAS	Plugged		10/14/1953	11/10/1953	255	37E	28	1980 FEL 825 FNL
3002511815000	BRADLEY EDWIN G	LANEHART 1	3301	PLUGOIL	Plugged		7/14/1937	8/7/1937	255	37E	28	1980 FEL 660 FSL
3002511816000	OLESEN R	DAWSON 1	3960	DRY	Plugged		8/21/1930	3/12/1951	255	37E	28	2310 FEL 2310 FNL
3002511817000	BURLESON PETROLEUM, INC	SAUNDERS STATE 1	2463	PLUGGAS	Plugged		4/5/1950	4/20/1950	255	37E	28	660 FWL 1980 FNL
3002511818000	PHILLIPS PETROLEUM COMPANY	COPPER 1	8663	PLUGGAS	Plugged		3/3/1955	1/16/1956	255	37E	28	1981 FEL 1980 FSL
3002511819000	AMERICAN REPUBLIC CORPORATION	CROSBY B 1	3220	PLUGOIL	Plugged		9/8/1937	10/12/1937	255	37E	28	2310 FWL 330 FSL
3002511821000	SINCLAIR OIL CORPORATION	LANEHART 1	3302	PLUGOIL	Plugged		5/3/1936	7/3/1936	255	37E	28	990 FWL 990 FSL
3002511822000	BURLESON PETROLEUM, INC	SAUNDERS ESTATE #2	8600	PLUGGAS	Plugged		4/28/1955	10/9/1955	255	37E	28	1650 FWL 1650 FNL

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30025118720000	BURLESON LEWIS B INCORPORATED	SHAHAN 1	3280	PLUGOIL	Plugged	4/6/1937	5/30/1937	255	37E	33	1980 FEL 660 FNL
30025118730000	UNIFIED OPERATING, LLC	GW SHAHAN 2	8250	GAS	[75480] CROSBY/DEVONIAN (GAS)	8/27/1956	12/17/1956	255	37E	33	1650 FEL 990 FNL
30025118750000	HERMAN L LOEB LLC	SHAHAN 33 1	3342	PLUGGAS	Plugged	9/2/1950	11/10/1950	255	37E	33	660 FEL 990 FNL
30025118760000	BURLESON PETROLEUM, INC	SHAHAN 33 #2	3297	PLUGOIL	Plugged	3/20/1952	4/15/1952	255	37E	33	330 FEL 1650 FNL
30025118910000	FAE II Operating LLC	DABS 4	9273	GAS	[79240] JALMATA/TAN-YATES-7 RVS (GAS)	6/5/1957	9/18/1957	255	37E	34	660 FNL 1650 FNL
30025118920000	ARCO OIL CORPORATION	DABS 1	3350	PLUGOIL	Plugged	12/9/1957	4/15/1958	255	37E	34	1980 FEL 1980 FNL
30025118930000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #27	5925	OIL	[34220] JUSTIS:BLINEBRY-TUBB-DRINKARD	3/19/1962	3/19/1962	255	37E	35	330 FEL 330 FNL
30025118940000	CARR WELL SERVICE INCORPORATED	G W DABBS 1	3331	PLUGOIL	Plugged	4/30/1938	8/18/1938	255	37E	35	2310 FNL 330 FNL
30025118950000	GARR WELL SERVICE INCORPORATED	G W DABBS 2	3330	PLUGOIL	Plugged	9/24/1938	11/23/1938	255	37E	35	990 FNL 330 FNL
30025200140000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #30	5500	INJECT	[34220] JUSTIS:BLINEBRY-TUBB-DRINKARD	4/8/1963	5/1/1963	255	37E	25	1650 FNL 990 FNL
30025200230000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #16	5650	OIL	[34220] JUSTIS:BLINEBRY-TUBB-DRINKARD	2/16/1963	3/16/1963	255	37E	14	1650 FEL 2310 FNL
30025200360000	ARCO OIL & GAS CORPORATION	IDA WIMBERLY 15	5510	OIL	Plugged	3/5/1963	4/4/1963	255	37E	25	330 FNL 660 FNL
30025200810000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #19	5525	OIL	[34220] JUSTIS:BLINEBRY-TUBB-DRINKARD	4/23/1963	5/22/1963	255	37E	23	330 FNL 660 FNL
30025201210000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #181	5559	TA	[34220] JUSTIS:BLINEBRY-TUBB-DRINKARD	3/23/1963	4/17/1963	255	37E	25	1650 FNL 2310 FNL
30025201390000	ARCO OIL & GAS CORPORATION	IDA WIMBERLY 16	5500	PLUGGAS	Plugged	6/5/1963	7/15/1963	255	37E	13	330 FNL 330 FNL
30025201500000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #17	5610	OIL	[34220] JUSTIS:BLINEBRY-TUBB-DRINKARD	11/16/1963	11/25/1963	255	37E	11	990 FEL 330 FSL
30025201870000	ARCO OIL & GAS CORPORATION	JUSTIS-FEDERAL 3	6155	JNK	Plugged	11/26/1963	12/29/1963	255	37E	11	990 FEL 355 FSL
30025203090000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #4Y	6129	OIL	[34220] JUSTIS:BLINEBRY-TUBB-DRINKARD	4/15/1963	5/9/1963	255	37E	14	1980 FEL 890 FNL
30025203910000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #15	6129	OIL	[34220] JUSTIS:BLINEBRY-TUBB-DRINKARD	9/4/1963	10/11/1963	255	37E	11	1980 FEL 660 FSL
30025208480000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #18	8195	OIL	[34220] JUSTIS:BLINEBRY-TUBB-DRINKARD	12/6/1962	3/3/1963	255	37E	14	2310 FNL 330 FSL
30025209670000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #150	5830	INJECT	[34220] JUSTIS:BLINEBRY-TUBB-DRINKARD	8/23/1964	10/12/1964	255	37E	14	2310 FNL 330 FNL
30025210100000	BP AMERICA PRODUCTION COMPANY	LANGLIE B FEDERAL TR 5	5730	OIL	[34220] JUSTIS:BLINEBRY-TUBB-DRINKARD	6/4/1964	12/4/1964	255	37E	26	1650 FEL 1750 FNL
30025210570000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #23	6050	PLUGOIL	Plugged	3/4/1964	4/28/1964	255	37E	14	990 FNL 330 FNL
30025210920000	LEGACY RESERVES OPERATING, LP	WIMBERLY WN 99	5600	GAS	[34220] JUSTIS:BLINEBRY-TUBB-DRINKARD : [37240] LANGLIE MATTX:7 RVS-Q-GRAVBURG	6/30/1964	8/6/1964	255	37E	26	1650 FEL 330 FNL
30025211280000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #16	5685	OIL	[34220] JUSTIS:BLINEBRY-TUBB-DRINKARD	2/8/1965	3/1/1965	255	37E	24	330 FNL 1980 FNL
30025213150000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #140	6240	INJECT	[34220] JUSTIS:BLINEBRY-TUBB-DRINKARD	10/25/1965	11/29/1965	255	37E	14	2310 FNL 1650 FNL
300252131540000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #20	6100	OIL	[34220] JUSTIS:BLINEBRY-TUBB-DRINKARD	3/8/1965	4/23/1965	255	37E	11	2310 FNL 990 FSL
30025214280000	CHEVRON U S A INC	A B COATES C FEDERAL 26	5650	PLUGOIL	Plugged	8/13/1965	11/3/1965	255	37E	23	2309 FNL 1980 FNL
30025216480000	V-F PETROLEUM INC	COATES GLOIREIA FEDERAL COM #1	5650	PLUGOIL	Plugged	5/14/1965	6/12/1965	255	37E	24	1650 FEL 330 FNL
30025219600000	INN OPERATING, LLC	LANGLIE MATTX QUEEN UNIT #1	5555	PLUGINI	Plugged	7/25/1965	8/25/1965	255	37E	24	1650 FNL 1650 FSL
300252211550000	PRIZE OPERATING COMPANY	LANGLIE MATTX QUEEN UNIT #15	3700	PLUGINI	Plugged	2/16/1966	3/16/1966	255	37E	11	990 FNL 990 FSL
300252217420000	CARR WELL SERVICE INCORPORATED	G W DABBS 3	3344	PLUGOIL	Plugged	10/15/1969	11/18/1969	255	37E	15	1730 FNL 1980 FNL
30025221730000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #20	3350	PLUGOIL	Plugged	6/15/1967	5/12/1968	255	37E	22	1650 FEL 2310 FNL
300252227880000	ENERGEN RESOURCES CORPORATION	STUART LANGLIE MATTX UNIT #128	7912	PLUGOIL	Plugged	12/5/1967	12/31/1967	255	37E	35	1980 FNL 1980 FNL
30025228130000	PERMIAN CORPORATION THE	HENRY 4	3550	PLUGINI	Plugged	9/25/1968	12/5/1968	255	37E	24	1795 FNL 1795 FNL
30025229060000	LEGACY RESERVES OPERATING, LP	SALINE 3	7795	OIL	[37240] LANGLIE MATTX:7 RVS-Q-GRAVBURG	11/12/1968	12/1/1968	255	37E	10	100 FEL 1420 FSL
30025229610000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #22	1511	ABDN	Plugged	10/8/1968	11/23/1968	255	37E	16	1980 FNL 1980 FSL
30025231980000	BKP Operating, LLC	EL PASO FEDERAL #2	7415	TA	[34220] JUSTIS:BLINEBRY-TUBB-DRINKARD	10/22/1968	10/27/1968	255	37E	26	465 FEL 220 FSL
300252322980000	INN OPERATING, LLC	LANGLIE MATTX QUEEN UNIT #22	9650	INJECT	[34220] LANGLIE MATTX:7 RVS-Q-GRAVBURG	1/11/1969	2/1/1969	255	37E	23	2310 FNL 660 FSL
300252323000000	PRIZE OPERATING COMPANY	LANGLIE MATTX QUEEN UNIT #2	3480	PLUGINI	Plugged	6/12/1969	9/2/1969	255	37E	23	2310 FNL 660 FSL
300252323000000	BKP Operating, LLC	LANGLIE MATTX QUEEN UNIT #28	3516	PLUGINI	Plugged	9/19/1969	10/18/1969	255	37E	15	1633 FNL 668 FSL
300252330100000	MOBIL OIL CORPORATION	LANGLIE MATTX QUEEN UNIT #32	3620	INJECT	[37240] LANGLIE MATTX:7 RVS-Q-GRAVBURG	11/25/1969	1/20/1970	255	37E	22	2540 FEL 500 FNL
300252330600000	INN OPERATING, LLC	LANGLIE MATTX QUEEN UNIT #3	4800	ABDN	Plugged	10/10/1969	11/18/1969	255	37E	22	2600 FEL 2530 FNL
300252357500000	PROVIDENCE ENERGY SVCS INC.	LANGLIE MATTX QUEEN UNIT #14	3480	PLUGINI	Plugged	9/17/1970	4/2/1970	255	37E	10	890 FNL 990 FSL
300252357660000	HERMAN L LOEB LLC	COOK 3	8240	PLUGOIL	Plugged	8/22/1970	9/22/1970	255	37E	28	1270 FNL 870 FSL
30025237690000	BKP Operating, LLC	LANGLIE MATTX QUEEN UNIT #38	3550	OIL	[37240] LANGLIE MATTX:7 RVS-Q-GRAVBURG	5/13/1971	6/23/1971	255	37E	18	1905 FEL 660 FSL
	PRIZE OPERATING COMPANY	LANGLIE MATTX QUEEN UNIT #39	3450	PLUGINI	Plugged	7/8/1971	7/20/1971	255	37E	15	2144 FEL 850 FSL

30025237800000	BXP Operating, LLC	LANGUE MATTIX QUEEN UNIT #37	3550	OIL	[37240] LANGUE MATTIX; 7 RVRs-Q-GRAYBURG	5/23/1971	6/13/1971	255	37E	15	2000 FWL 2000 FSL
30025238360000	BXP Operating, LLC	LANGUE MATTIX QUEEN UNIT #9	3550	OIL	[37240] LANGUE MATTIX; 7 RVRs-Q-GRAYBURG	9/23/1971	10/9/1971	255	37E	10	330 FEL 330 FSL
30025239280000	DC ENERGY LLC	CROSSY DEEP 1	10996	PLUGGOL	Plugged	9/29/1971	3/9/1972	255	37E	18	1980 FWL 330 FSL
30025244640000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #17	7040	PLUGGAS	Plugged	12/2/1973	3/23/1972	255	37E	13	1993 FWL 2310 FSL
30025250470000	GREATHOUSE & LOVEADY	US-CROSSBY 1	8160	PLUGGAS	Plugged	6/22/1973	9/10/1973	255	37E	28	1980 FWL 660 FSL
30025250710000	OXY USA INC	ARNOTT RAMSAY NCT E 6	3817	PLUGOIL	Plugged	6/7/1975	9/17/1975	255	37E	21	2310 FWL 2310 FSL
30025251410000	HERMAN L LOEB LLC	ARCO 1	3500	PLUGOIL	Plugged	7/25/1975	9/5/1975	255	37E	16	330 FEL 990 FNL
30025251740000	BURLESON & HUFF	ARCO-LANEHART 2	1200	JNK	Plugged	11/4/1975	11/9/1975	255	37E	21	330 FEL 1980 FNL
30025254560000	OXY USA INC	ARCO 2Y	3700	PLUGOIL	Plugged	11/20/1975	12/30/1975	255	37E	21	660 FEL 1770 FNL
30025254740000	OXY USA INC	ARNOTT RAMSAY NCT E #7	3700	PLUGOIL	Plugged	3/10/1977	4/8/1977	255	37E	16	660 FEL 610 FSL
30025255370000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #21	6200	OIL	[34220] JUSTIS-BLINEBERRY-TUBB-DRINKARD	4/4/1977	8/22/1977	255	37E	23	2310 FWL 2310 FSL
300252555880000	BETTIS BOYLE & STOVALL, INC.	B T LANEHART 6	3550	PLUGOIL	Plugged	9/6/1977	10/21/1977	255	37E	21	1650 FEL 990 FNL
300252559660000	OXY USA INC	ARNOTT RAMSAY NCT E #8	3700	PLUGOIL	Plugged	9/7/1977	10/4/1977	255	37E	16	660 FEL 1980 FSL
30025255970000	OXY USA INC	ARNOTT RAMSAY NCT E 9	3700	PLUGOIL	Plugged	11/1/1977	1/16/1978	255	37E	16	1980 FEL 1980 FSL
30025257420000	FAE II Operating LLC	LANEHART 22 1	3655	OIL	[33820] JALMAT; TAN-YATES-7 RVRs (OIL); [79240] JALMAT; TAN-YATES-7 RVRs (GAS)	12/21/1977	3/3/1978	255	37E	22	660 FWL 660 FNL
30025258420000	HERMAN L LOEB LLC	MOBIL #1	3450	PLUGGAS	Plugged	3/9/1978	5/3/1978	255	37E	22	2180 FWL 1980 FNL
30025258990000	BP AMERICA PRODUCTION COMPANY	LANGUE B FEDERAL #3	3711	PLUGGAS	Plugged	5/12/1978	7/6/1978	255	37E	15	400 FWL 2130 FNL
30025259000000	BP AMERICA PRODUCTION COMPANY	LANGUE B FEDERAL 4	3700	PLUGOIL	Plugged	5/23/1978	10/20/1978	255	37E	15	400 FWL 990 FNL
30025259350000	BP AMERICA PRODUCTION COMPANY	LANGUE B FEDERAL TR 6	6119	PLUGOIL	Plugged	6/16/1978	1/28/1979	255	37E	14	990 FWL 2310 FSL
30025259660000	OXY USA INC	ARNOTT RAMSAY NCT E 10	3700	PLUGOIL	Plugged	7/8/1978	7/24/1978	255	37E	16	660 FEL 1980 FNL
30025260770000	BURLESON PETROLEUM, INC	SAUNDERS ESTATE 3	3400	PLUGGAS	Plugged	9/30/1978	10/19/1978	255	37E	28	660 FWL 660 FNL
30025260840000	PROVIDENCE ENERGY SERVICES, INC.-KELTON OP C	FEDERAL X #2	3700	OIL	[37240] LANGUE MATTIX; 7 RVRs-Q-GRAYBURG	10/31/1978	10/31/1978	255	37E	15	330 FWL 660 FSL
30025260850000	PROVIDENCE ENERGY SERVICES, INC.-KELTON OP C	FEDERAL X #3	3703	OIL	[37240] LANGUE MATTIX; 7 RVRs-Q-GRAYBURG	10/12/1978	11/1/1978	255	37E	15	330 FWL 1980 FSL
30025261550000	BURLESON PETROLEUM, INC	LANEHART 4	3530	PLUGOIL	Plugged	11/30/1978	1/30/1979	255	37E	21	330 FWL 1550 FSL
30025261550000	HERMAN L LOEB LLC	FEDERAL 1	3340	PLUGOIL	Plugged	7/6/1979	8/21/1979	255	37E	21	890 FWL 2210 FNL
30025264830000	FAE II Operating LLC	JUSTIS C FEDERAL #1	3450	GAS	[37240] LANGUE MATTIX; 7 RVRs-Q-GRAYBURG	11/21/1980	2/18/1980	255	37E	11	2310 FEL 330 FSL
30025265380000	FAE II Operating LLC	ODESSA LANGUE FEDERAL 1	3443	GAS	[37240] LANGUE MATTIX; 7 RVRs-Q-GRAYBURG	11/11/1979	12/13/1979	255	37E	14	660 FEL 1550 FSL
30025265630000	FAE II Operating LLC	SMANTA FE FEDERAL 1	3400	GAS	[37240] LANGUE MATTIX; 7 RVRs-Q-GRAYBURG	11/21/1979	12/13/1979	255	37E	27	660 FWL 660 FNL
30025266310000	HERMAN L LOEB LLC	SHAHAN 1	3244	PLUGOIL	Plugged	2/20/1980	4/1/1980	255	37E	33	2310 FEL 330 FNL
30025267000000	LANEXCO INC	JUSTIS C FEDERAL 2	3450	GAS	[37240] LANGUE MATTIX; 7 RVRs-Q-GRAYBURG	3/3/1980	5/9/1980	255	37E	11	660 FEL 330 FSL
30025267240000	MERIDIAN OIL INCORPORATED	CARLSON-HARRISON FED 3	3300	PLUGGAS	Plugged	4/7/1980	5/7/1980	255	37E	27	660 FWL 1980 FNL
30025268190000	FAE II Operating LLC	B T LANEHART 7	3450	OIL	[33820] JALMAT; TAN-YATES-7 RVRs (OIL)	6/22/1980	10/6/1980	255	37E	21	1650 FWL 1650 FNL
30025268950000	FAE II Operating LLC	TERRA CARLSON FEDERAL 1	3452	OIL	[37240] LANGUE MATTIX; 7 RVRs-Q-GRAYBURG	7/31/1980	8/22/1980	255	37E	26	2310 FWL 330 FNL
30025269690000	P & S BRINE SALE LP	ARNOTT RAMSEY STATE #4	1591	PA-Water	Plugged	10/8/1980	3/11/1981	255	37E	16	100 FEL 515 FSL
30025271920000	FAE II Operating LLC	TERRA CARLSON B FEDERAL 1	3375	GAS	[37240] LANGUE MATTIX; 7 RVRs-Q-GRAYBURG	12/16/1980	1/4/1981	255	37E	26	1650 FEL 990 FSL
30025272450000	ENDEAVOR ENERGY RESOURCES, LP	TERRA FEDERAL #1	3470	PLUGOIL	Plugged	2/13/1981	5/1/1981	255	37E	22	2310 FWL 1980 FSL
30025274280000	POGO PRODUCING CO	ARNOTT RAMSAY NCT E 11	3764	PLUGGAS	Plugged	12/9/1981	3/10/1982	255	37E	16	1980 FEL 1980 FSL
30025274940000	ENDEAVOR ENERGY RESOURCES, LP	TERRA FEDERAL #2	3470	GAS	[79240] JALMAT; TAN-YATES-7 RVRs (GAS)	6/7/1981	4/6/1982	255	37E	27	2310 FWL 990 FSL
30025276830000	ANTWEIL MORRIS R	UNION FEDERAL #1	3375	PLUGOIL	Plugged	12/26/1981	3/22/1982	255	37E	22	330 FEL 1980 FNL
30025279550000	LEGACY RESERVES OPERATING, LP	WIMBERLY WN #12	3442	GAS	[37240] LANGUE MATTIX; 7 RVRs-Q-GRAYBURG	6/17/1982	8/29/1982	255	37E	24	330 FWL 330 FNL
30025279750000	ARCO OIL & GAS CORPORATION	WIMBERLY WN 13	3500	DHSG	Plugged	10/10/1982	6/2/1983	255	37E	23	1980 FWL 660 FNL
30025293580000	FAE II Operating LLC	CARLSON HARRISON FEDERAL COM 4	3625	GAS	[37240] LANGUE MATTIX; 7 RVRs-Q-GRAYBURG	8/14/1985	9/13/1985	255	37E	22	660 FWL 1650 FSL
30025293730000	CIMAREX ENERGY CO. OF COLORADO	CARLSON FEDERAL 4	3800	PLUGOIL	[79240] JALMAT; TAN-YATES-7 RVRs (GAS)	9/10/1985	10/4/1985	255	37E	23	990 FEL 990 FSL
30025295290000	CIMAREX ENERGY CO. OF COLORADO	CARLSON HARRISON FEDERAL COM #5	3550	PLUGGAS	Plugged	11/18/1985	12/30/1985	255	37E	27	1650 FWL 330 FNL
30025295290000	FAE II Operating LLC	CARLSON 5	3441	GAS	[37240] LANGUE MATTIX; 7 RVRs-Q-GRAYBURG	12/10/1985	1/6/1986	255	37E	26	990 FEL 1750 FNL
30025295290000	BURLESON PETROLEUM, INC	NANCY FEDERAL COM 1	3400	PLUGOIL	Plugged	12/8/1985	1/21/1986	255	37E	28	2310 FWL 990 FSL
30025307470000	BXP Operating, LLC	LANGUE MATTIX QUEEN UNIT #41	3650	OIL	[37240] LANGUE MATTIX; 7 RVRs-Q-GRAYBURG	1/4/1990	4/12/1990	255	37E	15	1300 FEL 1300 FNL

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30025320840000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #160	6050	INJECT	[34220] JUSTIS:BLINBERY-TUBB-DRINKARD	11/17/1993	1/13/1994	255	37E	13	100 FWL 1600 FNL
30025320850000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #160	5650	PLUG-INJ	Plugged	11/27/1993	2/9/1994	255	37E	14	2250 FEL 1500 FNL
30025320860000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #160	6050	INJECT	[34220] JUSTIS:BLINBERY-TUBB-DRINKARD	12/6/1993	1/26/1994	255	37E	14	1100 FEL 1700 FNL
30025320870000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #160	4500	TA	[96221] WSW,SAN ANDRES	12/9/1993	11/1/1994	255	37E	23	1700 FWL 2310 FNL
30025320900000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #150	6050	INJECT	[34220] JUSTIS:BLINBERY-TUBB-DRINKARD	12/25/1993	2/15/1994	255	37E	14	1450 FEL 200 FNL
30025320910000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #150	6050	INJECT	[34220] JUSTIS:BLINBERY-TUBB-DRINKARD	1/3/1994	2/24/1994	255	37E	11	100 FEL 30 FSL
30025320920000	BASIC ENERGY SERVICES, LP	SALADO 2	1420	PA-Water	Plugged	8/27/1993	9/22/1993	255	37E	20	60 FEL 1305 FNL
30025320930000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #194	6050	INJECT	[34220] JUSTIS:BLINBERY-TUBB-DRINKARD	1/1/1994	2/9/1994	255	37E	24	1350 FEL 1100 FNL
30025320940000	LEGACY RESERVES OPERATING, LP	IDA WINBERLEY #20	3350	OIL	[37240] LANGUIE MATTIX; RVRS-Q-GRABURG	1/30/1995	4/18/1995	255	37E	25	660 FWL 2310 FNL
30025320950000	LEGACY RESERVES OPERATING, LP	STATE Y #11	3350	GAS	[37240] LANGUIE MATTIX; RVRS-Q-GRABURG	5/8/1995	6/9/1995	255	37E	25	2235 FEL 405 FNL
30025320960000	LEGACY RESERVES OPERATING, LP	IDA WINBERLEY GAS COM #1	6700	GAS	[96543] JUSTIS:ABO, MID (GAS)	5/22/1996	8/5/1996	255	37E	25	1880 FEL 1890 FNL
30025320970000	LEGACY RESERVES OPERATING, LP	IDA WINBERLEY #22	6600	GAS	[96543] JUSTIS:ABO, MID (GAS)	6/25/1996	8/5/1996	255	37E	25	1650 FWL 1650 FNL
30025340720000	WHITING OIL AND GAS CORPORATION	JUSTIS 25 FEDERAL 2	6880	GAS	[96543] JUSTIS:ABO, MID (GAS)	8/2/1997	9/18/1997	255	37E	25	2219 FWL 1661 FSL
30025349660000	ARCH PETROLEUM INC	LEARCY MCBUFFINGTON 13	510	PLUGOIL	Plugged	4/6/2000	4/10/2000	255	37E	13	2530 FEL 630 FSL
30025350040000	J R OIL, LTD. CO.	LEARCY MCBUFFINGTON 13-Y	7150	OIL	[35150] JUSTIS:MONTOVA; [96630] JUSTIS:ABO, CENTRAL	4/13/2000	6/11/2000	255	37E	13	2490 FEL 630 FSL
30025351980000	FAE II Operating LLC	AIRPORT 2	3400	GAS	[79240] JALMAT:IAN-VATES-7 RVRS (GAS)	1/11/2001	4/29/2001	255	37E	22	990 FWL 2010 FNL
30025357010000	SALADO BRINE SALES	LANGUIE FEDERAL #1	2105	PLUG	Plugged	10/27/1980	11/11/1980	255	37E	14	728 FEL 115 FSL
30025 INJ LOC10	FAE II Operating LLC	HENRY #6	3400	LOC-INJ	Injector Location	TBD	TBD	255	37E	26	1562 FSL 1321 FWL
30025 INJ LOC11	FAE II Operating LLC	HENRY #5	3500	LOC-INJ	Injector Location	TBD	TBD	255	37E	26	1709 FSL 212 FWL
30025 INJ LOC12	FAE II Operating LLC	HENRY #8	3400	LOC-INJ	Injector Location	TBD	TBD	255	37E	26	507 FSL 1555 FWL
30025 INJ LOC13	FAE II Operating LLC	ALSTON #5	3500	LOC-INJ	Injector Location	TBD	TBD	255	37E	27	962 FNL 336 FEL
30025 INJ LOC2	FAE II Operating LLC	ALSTON #5	3500	LOC-INJ	Injector Location	TBD	TBD	255	37E	22	2375 FEL 1415 FSL
30025 INJ LOC3	FAE II Operating LLC	Harrison Federal #5	3500	LOC-INJ	Injector Location	TBD	TBD	255	37E	22	2325 FEL 255 FSL
30025 INJ LOC4	FAE II Operating LLC	Carlson A #4	3500	LOC-INJ	Injector Location	TBD	TBD	255	37E	22	950 FEL 1355 FSL
30025 INJ LOC5	FAE II Operating LLC	Harrison Federal #6	3500	LOC-INJ	Injector Location	TBD	TBD	255	37E	22	330 FWL 1365 FSL
30025 INJ LOC7	FAE II Operating LLC	ALSTON #7	3500	LOC-INJ	Injector Location	TBD	TBD	255	37E	23	1174 FNL 960 FWL
30025 INJ LOC8	FAE II Operating LLC	ALSTON #6	3500	LOC-INJ	Injector Location	TBD	TBD	255	37E	26	2350 FNL 212 FWL
30025 INJ LOC9	FAE II Operating LLC	ALSTON #8	3500	LOC-INJ	Injector Location	TBD	TBD	255	37E	26	137 FNL 1210 FWL
30025 INJ LOC14	FAE II Operating LLC	B T LANEHART #12	3500	LOC-INJ	Injector Location	TBD	TBD	255	37E	21	1987 FNL 2065 FEL
30025 INJ LOC15	FAE II Operating LLC	B T LANEHART #13	3500	LOC-INJ	Injector Location	TBD	TBD	255	37E	21	684 FNL 1939 FEL
30025 INJ LOC16	FAE II Operating LLC	ARNOTT RAMSAY NCT E #13	3500	LOC-INJ	Injector Location	TBD	TBD	255	37E	16	636 FSL 2005 FWL

FAE II Operating LLC

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UWI/API	OPERATOR	WELL LABEL	ID	WELL TYPE	CURRENT ZONE	Distance(ft) from Harrison Federal #2	SPUD DATE	COMP DATE	TOWNSHIP	RANGE	SECTION	FOOTAGE
3002511690000	FAE II Operating LLC	Harrison Federal #2	3366	SMD	[37240] LANGUE MATTX;7 RVRS-Q-GRAYBURG ; [96117] SMD;QUEEN	0.0	7/6/1938	7/29/1938	255	37E	22	2308 FSL 956 FSL
30025221550000	PRIZE OPERATING COMPANY	LANGUE MATTX QUEEN UNIT #33	3344	PLUGOIL	Plugged	923.1	6/15/1967	5/12/1968	255	37E	22	1650 FSL 2310 FNL
30025116990000	FAE II Operating LLC	Harrison Federal #3	3403	OIL	LANGUE MATTX;7 RVRS-Q-GRAYBURG	941.8	8/15/1938	9/11/1938	255	37E	22	1650 FSL 1650 FSL
30025116990000	FAE II Operating LLC	Harrison Federal #6	3500	LOC-FNL	Injector Location	953.3	TBD	TBD	255	37E	22	950 FSL 1355 FSL
30025116890000	BXP Operating, LLC	LANGUE MATTX QUEEN UNIT #34	3380	OIL	[37240] LANGUE MATTX;7 RVRS-Q-GRAYBURG	1314.6	2/16/1939	3/7/1939	255	37E	22	990 FSL 1650 FNL
30025117090000	SANTA FE ENERGY RESOURCES INCORPORATED	CARLSON A #3	3345	PLUGOIL	Plugged	1481.8	12/13/1938	1/15/1939	255	37E	23	330 FNL 2310 FSL
30025116880000	LINN OPERATING, LLC	LANGUE MATTX QUEEN UNIT #40	3345	PLUGOIL	Plugged	1466.4	4/5/1938	5/3/1938	255	37E	22	1650 FSL 1650 FNL
30025117050000	LINN OPERATING, LLC	LANGUE MATTX QUEEN UNIT #35	3360	PLUGOIL	Plugged	1481.4	4/18/1939	5/9/1939	255	37E	23	330 FNL 2310 FNL
30025116960000	FAE II Operating LLC	CARLSON A #2	3354	OIL	[37240] LANGUE MATTX;7 RVRS-Q-GRAYBURG	1491.4	10/2/1938	11/18/1938	255	37E	22	1650 FSL 990 FSL
30025116960000	FAE II Operating LLC	CARLSON A #5	3500	LOC-FNL	Injector Location	1587.9	TBD	TBD	255	37E	23	330 FNL 1365 FSL
30025233000000	BXP Operating, LLC	LANGUE MATTX QUEEN UNIT #32	3620	INJECT	[37240] LANGUE MATTX;7 RVRS-Q-GRAYBURG	1660.5	10/10/1969	11/18/1969	255	37E	22	2600 FSL 2530 FNL
30025116970000	FAE II Operating LLC	Harrison Federal #5	3500	LOC-FNL	Injector Location	1675.8	TBD	TBD	255	37E	22	2375 FSL 1415 FSL
30025116970000	FAE II Operating LLC	CARLSON A #1	3327	OIL	[37240] LANGUE MATTX;7 RVRS-Q-GRAYBURG	1978.1	9/30/1938	11/2/1938	255	37E	22	990 FSL 330 FSL
30025272450000	ENDAVOR ENERGY RESOURCES, LP	TERRA FEDERAL #1	3470	PLUGOIL	Plugged	2012.6	2/13/1981	5/1/1981	255	37E	22	2310 FNL 1980 FSL
30025258420000	HERMAN L LOEB LLC	MODUL #1	3450	PLUGGAS	Plugged	2310.9	3/9/1978	5/3/1978	255	37E	22	2180 FNL 1980 FNL
30025117020000	PERMIAN RESOURCES INC	HARRISON #1	3347	PLUGOIL	Plugged	2377.1	2/2/1938	3/10/1938	255	37E	23	330 FNL 330 FSL
30025271490000	ENDAVOR ENERGY RESOURCES, LP	TERRA FEDERAL #2	3470	GAS	[79240] JALMAT;TAN-VATES;7 RVRS (GAS)	2384.7	6/7/1981	4/6/1982	255	37E	22	2310 FNL 990 FSL
30025116940000	FAE II Operating LLC	CARLSON A #4	3500	LOC-FNL	Injector Location	2467.1	TBD	TBD	255	37E	22	2325 FSL 255 FSL
30025116940000	LINN OPERATING, LLC	LANGUE MATTX QUEEN UNIT #30	3373	PLUGOIL	Plugged	2635.2	2/10/1938	5/10/1938	255	37E	22	990 FSL 330 FNL

FAE II Operating LLC

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Plugged

UWI/API	OPERATOR	WELL LABEL	TD	WELL TYPE	CURRENT ZONE	SPUD DATE	COMP DATE	TOWNSHIP	RANGE	SECTION	FOOTAGE
30025116880000	LINN OPERATING, LLC.	LANGUE MATTIX QUEEN UNIT #40	3345	PLUGOIL	Plugged	4/5/1938	5/3/1938	255	37E	22	1650 FEL 1650 FNL
30025116940000	LINN OPERATING, LLC.	LANGUE MATTIX QUEEN UNIT #30	3373	PLUGOIL	Plugged	2/10/1938	5/10/1938	255	37E	22	990 FEL 330 FNL
30025117020000	PERMIAN RESOURCES INC	HARRISON #1	3347	PLUGOIL	Plugged	2/2/1938	3/10/1938	255	37E	23	330 FWL 330 FSL
30025117050000	LINN OPERATING, LLC.	LANGUE MATTIX QUEEN UNIT #35	3360	PLUGOIL	Plugged	4/18/1939	5/9/1939	255	37E	23	330 FWL 2310 FNL
30025117090000	SANTA FE ENERGY RESOURCES INCORPORATED	CARLSON A #3	3345	PLUGOIL	Plugged	12/13/1938	1/15/1939	255	37E	23	330 FWL 2310 FSL
30025212550000	PRIZE OPERATING COMPANY	LANGUE MATTIX QUEEN UNIT #33	3344	PLUGOIL	Plugged	6/15/1967	5/12/1968	255	37E	22	1650 FEL 2310 FNL
30025258420000	HERMAN L. LOEB LLC	MOBIL #1	3450	PLUGGAS	Plugged	3/9/1978	5/3/1978	255	37E	22	2180 FWL 1980 FNL
30025272450000	ENDEAVOR ENERGY RESOURCES, LP	TERRA FEDERAL #1	3470	PLUGOIL	Plugged	2/13/1981	5/1/1981	255	37E	22	2310 FWL 1980 FSL

ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

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

Exhibit C

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: 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 X 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.
VI. Attach a tabulation of data on all wells of public record within the area of review which penetrate the proposed injection zone.
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.).
*XVIII. Attach appropriate geologic data on the injection zone including appropriate lithologic detail, geologic name, thickness, and depth.
IX. Describe the proposed stimulation program, if any.
*X. Attach appropriate logging and test data on the well.
*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:

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: _____

INJECTION WELL DATA SHEET

OPERATOR: FAE II Operating, LLC (Formerly HERMAN L. LOEB LLC)

API NUMBER: 30-025-09779

WELL NAME & NUMBER: EXXON #1

WELL LOCATION: 1983 FEL 1979 FSL J 21 25S 37E
 FOOTAGE LOCATION UNIT LETTER SECTION TOWNSHIP RANGE

CURRENT WELLBORE SCHEMATIC

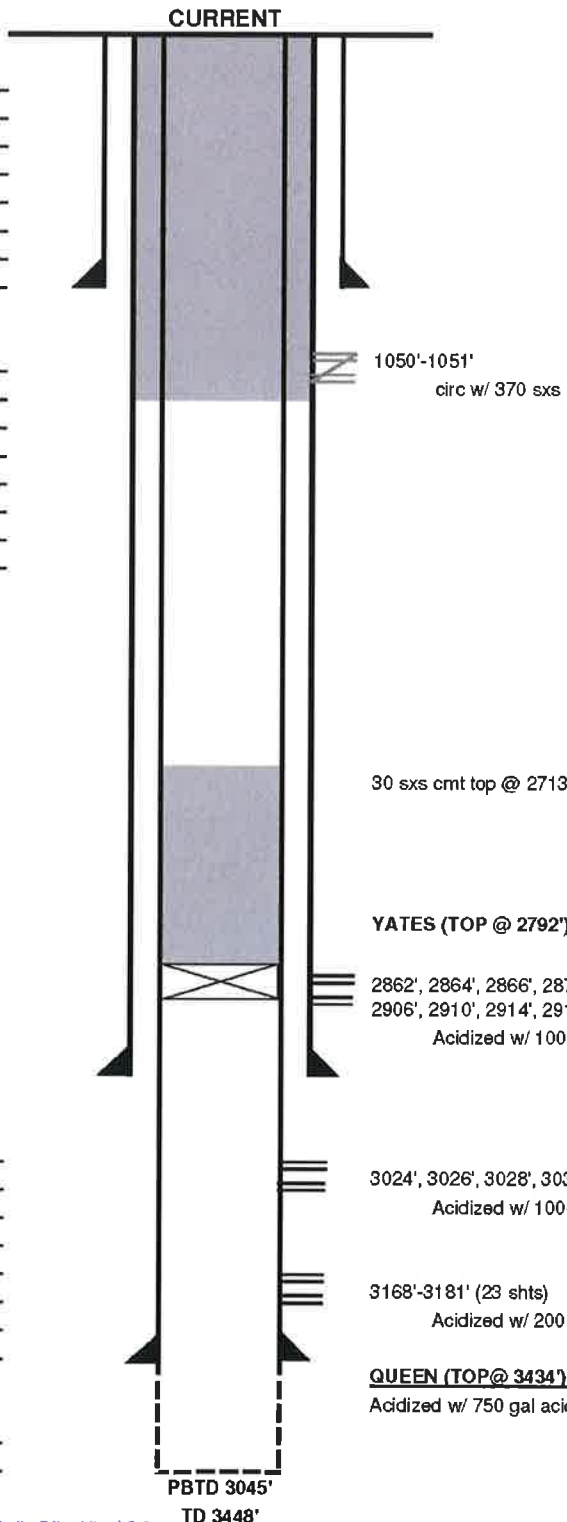
Well Name: EXXON #001 API: 30-025-09779 Lease Type: FEE
 Location: 1983 FEL & 1988 FEL T-R-Sec-Spot-Lot: 25S-37E-21-J Lease No: _____
 Formation(s): _____ County/State: Lea, NM

Surface Csg
 Size: 9-5/8"
 Wt&Thrd: 34# & 8
 Grade: _____
 Set @: 967'
 Sxs cmt: 450 sxs
 Circ: Circ
 TOC: _____
 Hole Size: 12-1/4"

Intermediate Csg
 Size: 7"
 Wt&Thrd: 24# & 10
 Grade: _____
 Set @: 2998
 Sxs cmt: 150 sxs
 Circ: _____
 TOC: _____
 Hole Size: 8-3/4"

Production Csg
 Size: 5"
 Wt&Thrd: 17# & 10
 Grade: _____
 Set @: 3108'
 Sxs Cmt: 150 sxs
 Circ: _____
 TOC: _____
 Hole Size: 6-1/4"

Open Hole
 Size: 4-1/8"
 Down to: 3201'



KB: _____
 DF: _____
 GL: 3082'
 Spud Date: 5/4/1936
 Compl. Date: 5/27/1936

History - Highlights

- 05-1956: Well D&C
- 06-1940: Replace Prod casing, perf & acidize
- 05-1966: Perf & Acidize & TA
- 10-1968: P&A
- 01-1976: Deepen, Perf & Acidize
- 03-2010: P&A

All info from OCD well files ONLY

INJECTION WELL DATA SHEET

OPERATOR: FAE II Operating, LLC (Formerly HERMAN L. LOEB LLC)

API NUMBER: 30-025-09779

WELL NAME & NUMBER: EXXON #1

WELL LOCATION: 1983 FEL 1979 FSL J 21 25S 37E
 FOOTAGE LOCATION UNIT LETTER SECTION TOWNSHIP RANGE

PROPOSED WELLBORE SCHEMATIC

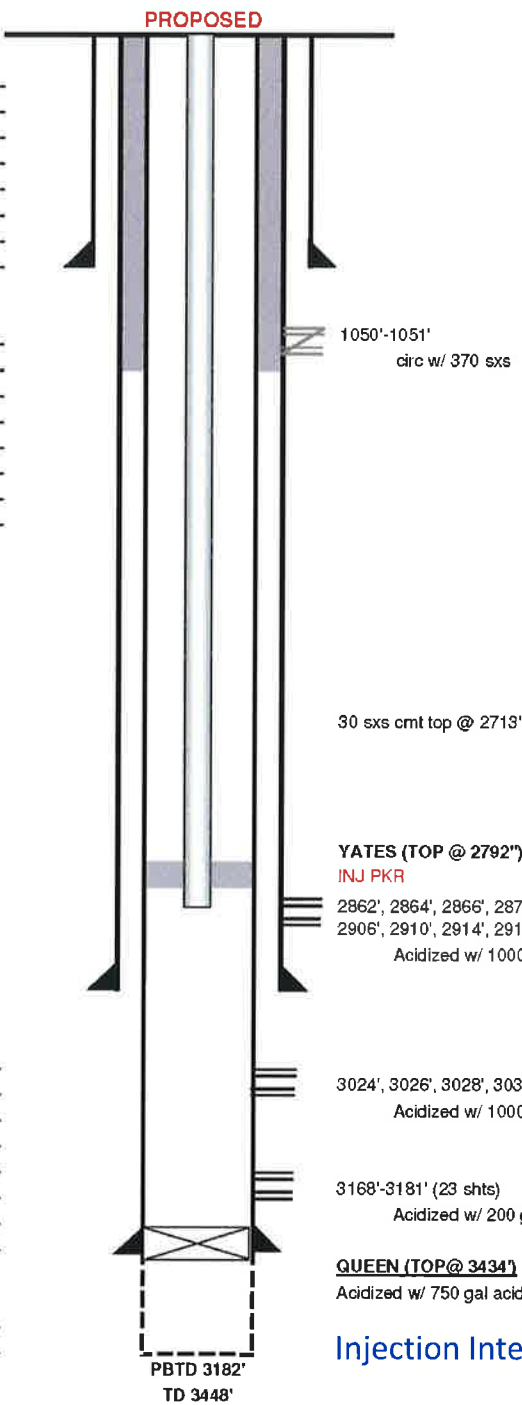
Well Name: EXXON #001 API: 30-025-09779 Lease Type: FEE
 Location: 1983 FEL & 1988 FEL T-R-Sec-Spot-Lot: 25S-37E-21-J Lease No: _____
 Formation(s): _____ County/State: Lea, NM

Surface Csg
 Size: 9-5/8"
 Wt & Thrd: 34# & 8
 Grade: _____
 Set @: 967'
 Sxs cmt: 450 sxs
 Circ: Circ
 TOC: _____
 Hole Size: 12-1/4"

Intermediate Csg
 Size: 7"
 Wt & Thrd: 24# & 10
 Grade: _____
 Set @: 2998
 Sxs cmt: 150 sxs
 Circ: _____
 TOC: _____
 Hole Size: 8-3/4"

Production Csg
 Size: 5"
 Wt & Thrd: 17# & 10
 Grade: _____
 Set @: 3108'
 Sxs Cmt: 150 sxs
 Circ: _____
 TOC: _____
 Hole Size: 6-1/4"

Open Hole
 Size: 4-1/8"
 Down to: 3201'



KB: _____
 DF: _____
 GL: 3082'
 Spud Date: 5/4/1936
 Compl. Date: 5/27/1936

History - Highlights
 05-1956: Well D&C
 06-1940: Replace Prod casing, perf & acidize
 05-1966: Perf & Acidize & TA
 10-1968: P&A
 01-1976: Deepen, Perf & Acidize
 03-2010: P&A
 2022-06: Convert to Injector

Additional Data

1. NOT a new well.
 1. Originally and currently an oil well.
2. Injection Formation: Yates & Seven Rivers
3. Pool: [33820] JALMAT; TAN-YATES-7 RVRS (OIL)
4. Well has also been opened in the overlapping:
 1. [79240] JALMAT; TAN-YATES-7 RVRS (GAS)
5. Overlying Oil Zone: Yates
 - Depth of Overlying Zone: ~2,792'
 Underlying Oil Zone: Grayburg
 - Depth of Underlying Zone: ±3,600'

Injection Interval: 2850'-3200'

Tubulars - Capacities and Performance
2-7/8" tbg, nickel lining, AS1-X pkr

INJECTION WELL DATA SHEET

OPERATOR: FAE II Operating, LLC (Formerly OXY USA INC)

API NUMBER: 30-025-11612

WELL NAME & NUMBER: ARNOTT RAMSAY NCT E #2

WELL LOCATION: 1972 FEL 655 FSL O 16 25S 37E
FOOTAGE LOCATION UNIT LETTER SECTION TOWNSHIP RANGE

CURRENT WELLBORE SCHEMATIC

Well Name:	<u>ARNOTT RAMSAY NCT E #002</u>	API:	<u>30-025-11612</u>	Lease Type:	<u>STATE</u>
Location:	<u>988' FEL & 1988' FEL</u>	T-R-Sec-Spot-Lot:	<u>25S-37E-16-O</u>	Lease No:	<u>B229</u>
Formation(s):	<u>[79240] JALMAT TANSILL YATES 7R</u>			County/State:	<u>Lea, NM</u>

Surface Csg

Size: 9-5/8"
 Wt & Thrd: 25.7#
 Grade: 3-gauge
 Set @: 280'
 Sxs cmt: 250 sxs
 Circ: Circ
 TOC: Surface
 Hole Size: 12-1/4"

KB: 3097'
 DF: 3096'
 GL: 3091'
 Spud Date: 11/4/1939
 Compl. Date: 2/1/1940

History - Highlights

1940-02: Well D&C

2014-02: P&A

All info from OCD well files ONLY

PKR @ 30'

Sqz @ 330' 165
sxs cmt circ to
surface

PKR @ 920'

40 sxs cmt top @ 920'
Sqz @ 1020'

CIBP @ 2844'

60 sxs cmt top @ 2508'

Production Csg

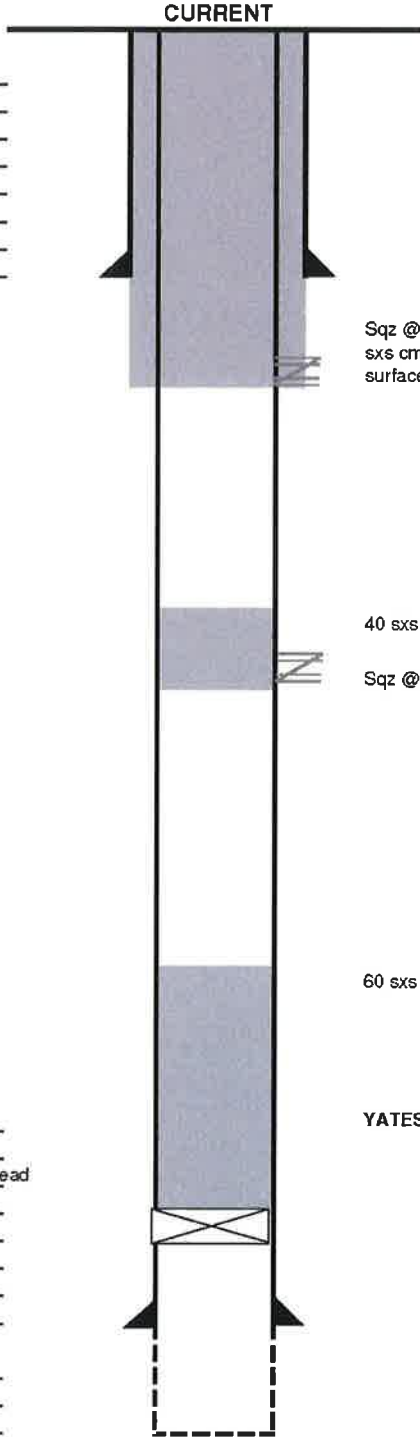
Size: 7"
 Wt & Thrd: 20#
 Grade: 8-Round Thread
 Set @: 2894'
 Sxs Cmt: 350 sxx
 Circ: _____
 TOC: 565' calc
 Hole Size: 8-3/4"

YATES (TOP @ 2830')

Open Hole

Size: 8-3/4"
 Down to: 3153'

PBTD 2894'
TD 3153'



INJECTION WELL DATA SHEET

OPERATOR: FAE II Operating, LLC (Formerly OXY USA INC)

API NUMBER: 30-025-11612

WELL NAME & NUMBER: ARNOTT RAMSAY NCT E #2

WELL LOCATION: 1972 FEL 655 FSL O 16 25S 37E
 FOOTAGE LOCATION UNIT LETTER SECTION TOWNSHIP RANGE

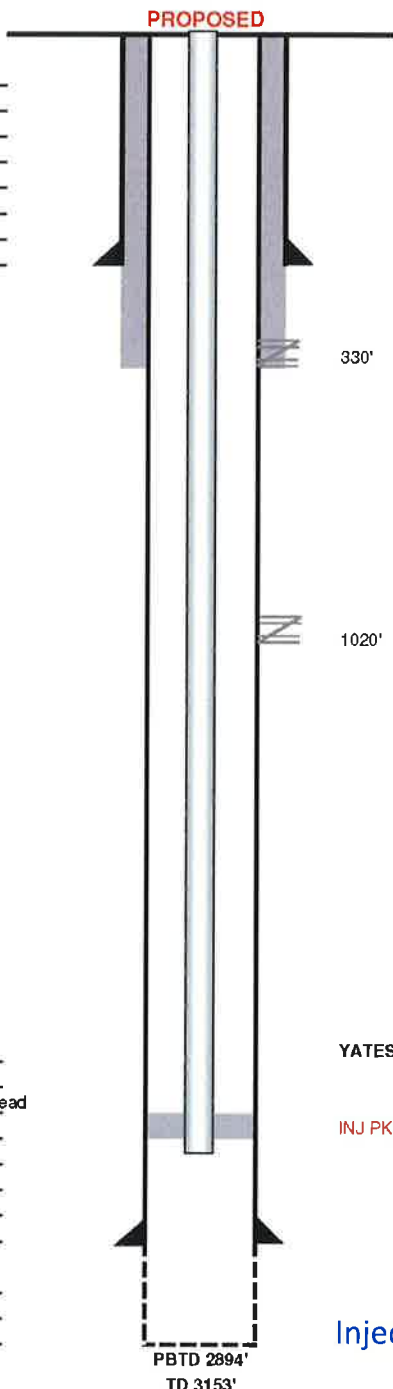
PROPOSED WELLBORE SCHEMATIC

Well Name: ARNOTT RAMSAY NCT E #002 API: 30-025-11612 Lease Type: STATE
 Location: 660' FEL & 1360' FEL T-R-Sec-Spot-Lot: 25S-37E-16-O Lease No: B229
 Formation(s): [79240] JALMAT TANSILL YATES 7R County/State: Lea, NM

Surface Csg
 Size: 9-5/8"
 Wt & Thrd: 25.7#
 Grade: 3-gauge
 Set @: 280'
 Sxs cmt: 250 sxs
 Circ: Circ
 TOC: Surface
 Hole Size: 12-1/4"

KB: 3097'
 DF: 3096'
 GL: 3091'
 Spud Date: 11/4/1939
 Compl. Date: 2/1/1940

History - Highlights
 1940-02: Well D&C
 2014-02: P&A
 2022-06: Convert to injector
 All info from OCD well files ONLY



Additional Data

1. NOT a new well.
 1. Originally a gas well.
 2. Currently plugged.
2. Injection Formation: Yates & Seven Rivers
3. Pool: [33820] JALMAT; TAN-YATES-7 RVRs (OIL)
4. Well has also been opened in the overlapping:
 1. [79240] JALMAT; TAN-YATES-7 RVRs (GAS)
5. Overlying Oil Zone: Yates
 - Depth of Overlying Zone: ~2,800'
 Underlying Oil Zone: Grayburg
 - Depth of Underlying Zone: ±3,600'

Production Csg
 Size: 7"
 Wt & Thrd: 20#
 Grade: 8-Round Thread
 Set @: 2894'
 Sxs Cmt: 350 sxx
 Circ:
 TOC: 565' calc
 Hole Size: 8-3/4"

Open Hole
 Size: 8-3/4"
 Down to: 3153'

YATES (TOP @ 2830')

INJ PKR

Injection Interval: 2850'-3153' (TD)

Tubulars - Capacities and Performance
2-7/8" tbg, nickel lining, AS1-X pkr

INJECTION WELL DATA SHEET

OPERATOR: F AE II Operating, LLC

API NUMBER: 30-025-11682

WELL NAME & NUMBER: B T LANEHART #3

WELL LOCATION: <u>1980 FWL 660 FNL</u>	<u>C</u>	<u>21</u>	<u>25S</u>	<u>37E</u>
FOOTAGE LOCATION	UNIT LETTER	SECTION	TOWNSHIP	RANGE

CURRENT WELLBORE SCHEMATIC

Well Name: <u>B T LANEHART 3</u>	API: <u>30-025-11682</u>	Lease Type: <u>FEE</u>
Location: <u>660' FNL & 1980' FWL</u>	T-R-Sec-Spot-Lot: <u>25S-37E-21-C</u>	Lease No: _____
Formation(s): <u>[79240] JALMAT TANSILL YATES 7R</u>	County/State: <u>Lea, NM</u>	

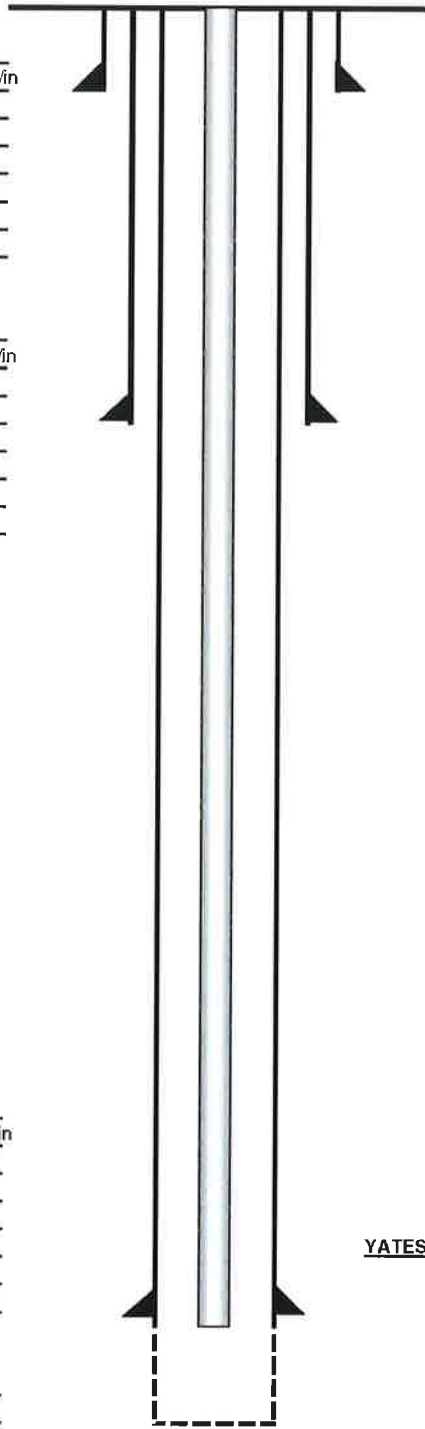
CURRENT

Surface Csg
 Size: 12-1/2"
 Wt & Thrd: 50# 8 Thrds/in
 Grade: _____
 Set @: 194'
 Sxs cmt: 50 sxs
 Circ: circ
 TOC: Surface
 Hole Size: 15-1/2"

Intermediate Csg
 Size: 8-5/8"
 Wt & Thrd: 32# 8 Thrds/in
 Grade: _____
 Set @: 1246'
 Sxs cmt: 200 sxs
 Circ: Circ
 TOC: Surface
 Hole Size: 15-1/2"

Production Csg
 Size: 7"
 Wt & Thrd: 24# 8 Thrds/in
 Grade: _____
 Set @: 2901'
 Sxs Cmt: _____
 Circ: _____
 TOC: _____
 Hole Size: 15-1/2"

Open Hole
 Size: 15-1/2"
 Down to: 3094'



KB: _____
 DF: _____
 GL: 3081'
 Spud Date: 3/16/1937
 Compl. Date: 5/8/1937

History - Highlights

05-1937: D&C Well

All info from OCD well files ONLY

PBTD 2901'
TD 3094'

INJECTION WELL DATA SHEET

OPERATOR: FAE II Operating, LLC

API NUMBER: 30-025-11682

WELL NAME & NUMBER: B T LANEHART #3

WELL LOCATION: 1980 FWL 660 FNL C 21 25S 37E
 FOOTAGE LOCATION UNIT LETTER SECTION TOWNSHIP RANGE

PROPOSED WELLBORE SCHEMATIC

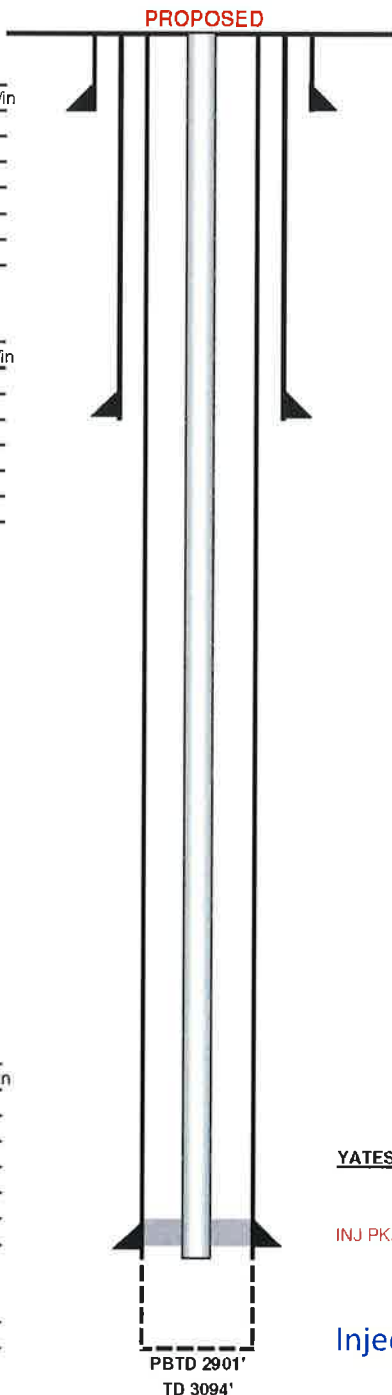
Well Name: B T LANEHART 3 API: 30-025-11682 Lease Type: FEE
 Location: 660' FNL & 1980' FWL T-R-Sec-Spot-Lot: 25S-37E-21-C Lease No: _____
 Formation(s): [79240] JALMAT TANSILL YATES 7R County/State: Lea, NM

Surface Csg
 Size: 12-1/2"
 Wt&Thrd: 50# 8 Thrds/in
 Grade: _____
 Set @: 194'
 Sxs cmt: 50 sxs
 Circ: circ
 TOC: Surface
 Hole Size: 15-1/2"

Intermediate Csg
 Size: 8-5/8"
 Wt&Thrd: 32# 8 Thrds/in
 Grade: _____
 Set @: 1246'
 Sxs cmt: 200 sxs
 Circ: Circ
 TOC: Surface
 Hole Size: 15-1/2"

Production Csg
 Size: 7"
 Wt&Thrd: 24# 8 Thrds/in
 Grade: _____
 Set @: 2901'
 Sxs Cmt: _____
 Circ: _____
 TOC: _____
 Hole Size: 15-1/2"

Open Hole
 Size: 15-1/2"
 Down to: 3094'



KB: _____
 DF: _____
 GL: 3081'
 Spud Date: 3/16/1937
 Compl. Date: 5/8/1937

History - Highlights
 05-1937: D&C Well
 2022-06: Convert to Injector

Additional Data

1. NOT a new well.
 1. Originally and currently an oil well.
2. Injection Formation: Yates & Seven Rivers
3. Pool: [33820] JALMAT; TAN-YATES-7 RVRS (OIL)
4. Well has also been not been opened in another zone.
5. Overlying Oil Zone: Yates
 - Depth of Overlying Zone: ~2,844'
 Underlying Oil Zone: Grayburg
 - Depth of Underlying Zone: ±3,600'

YATES (Top @ 2844')

INJ PKR

Injection Interval: 2850'-3091' (TD)

PBTD 2901'
 TD 3094'

Tubulars - Capacities and Performance	
2-7/8" tbg, nickel lining, AS1-X pk	

INJECTION WELL DATA SHEET

OPERATOR: FAE II Operating, LLC (Formerly HERMAN L. LOEB LLC)

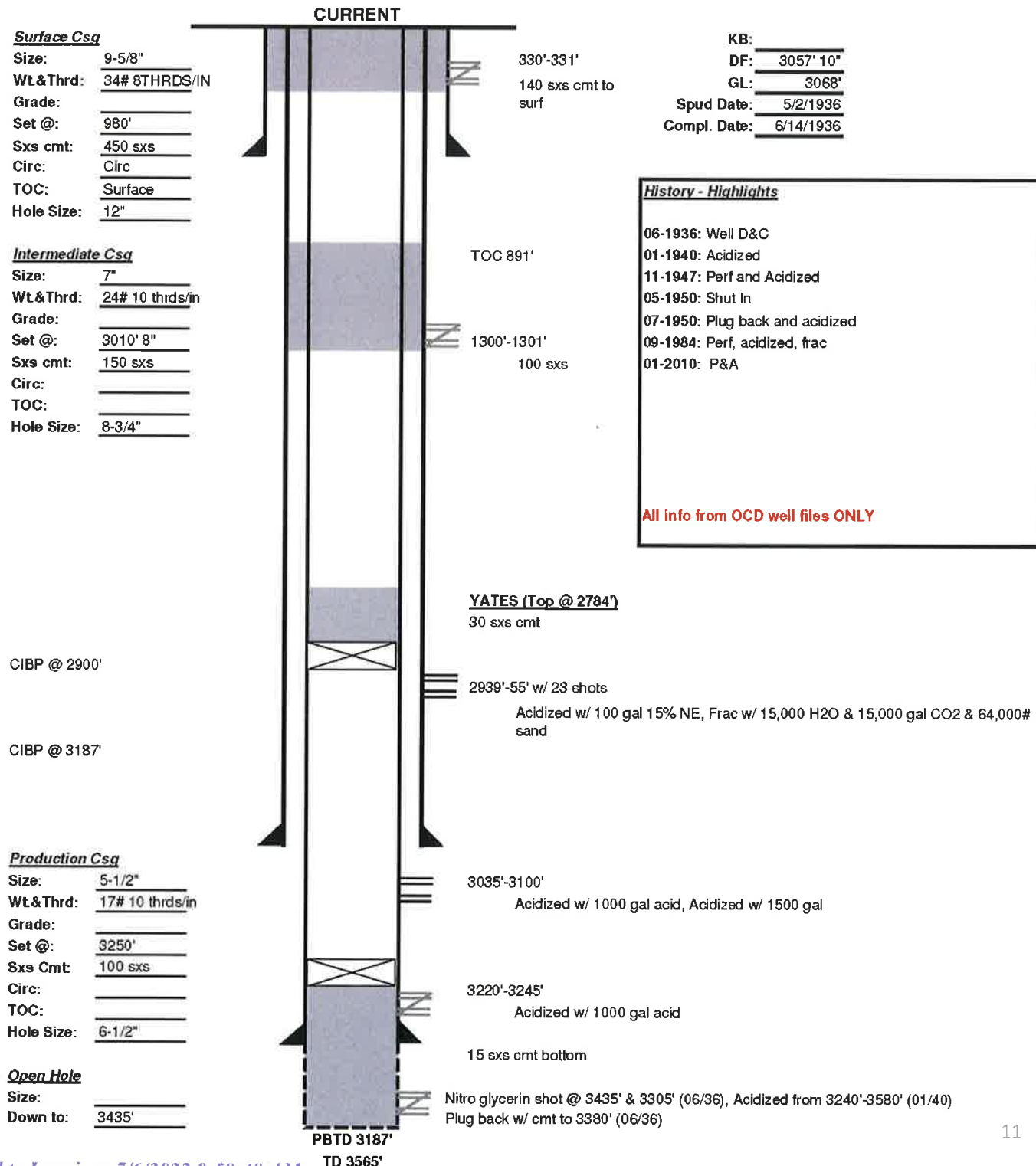
API NUMBER: 30-025-11686

WELL NAME & NUMBER: AZTEC #1

WELL LOCATION: 1972 FSL 1977 FWL K 21 25S 37E
FOOTAGE LOCATION UNIT LETTER SECTION TOWNSHIP RANGE

CURRENT WELLBORE SCHEMATIC

Well Name: AZTEC #001 API: 30-025-11686 Lease Type: FEE
Location: ~~1972 FSL & 1977 FWL~~ T-R-Sec-Spot-Lot: 25S-37E-21-K Lease No: _____
Formation(s): LANGLIE-MATTIX County/State: Lea, NM



INJECTION WELL DATA SHEET

OPERATOR: FAE II Operating, LLC (Formerly HERMAN L. LOEB LLC)

API NUMBER: 30-025-11686

WELL NAME & NUMBER: AZTEC #1

WELL LOCATION: 1972 FSL 1977 FWL K 21 25S 37E
 FOOTAGE LOCATION UNIT LETTER SECTION TOWNSHIP RANGE

PROPOSED WELLBORE SCHEMATIC

Well Name: AZTEC #001 API: 30-025-11686 Lease Type: FEE
 Location: 1972 FSL & 1977 FWL T-R-Sec-Spot-Lot: 25S-37E-21-K Lease No: _____
 Formation(s): LANGLIE-MATTIX County/State: Lea, NM

Surface Csg
 Size: 9-5/8"
 Wt.&Thrd: 34# 8THRDS/IN
 Grade: _____
 Set @: 980'
 Sxs cmt: 450 sxs
 Circ: Circ
 TOC: Surface
 Hole Size: 12"

Intermediate Csg
 Size: 7"
 Wt.&Thrd: 24# 10 thrds/in
 Grade: _____
 Set @: 3010' 8"
 Sxs cmt: 150 sxs
 Circ: _____
 TOC: _____
 Hole Size: 8-3/4"

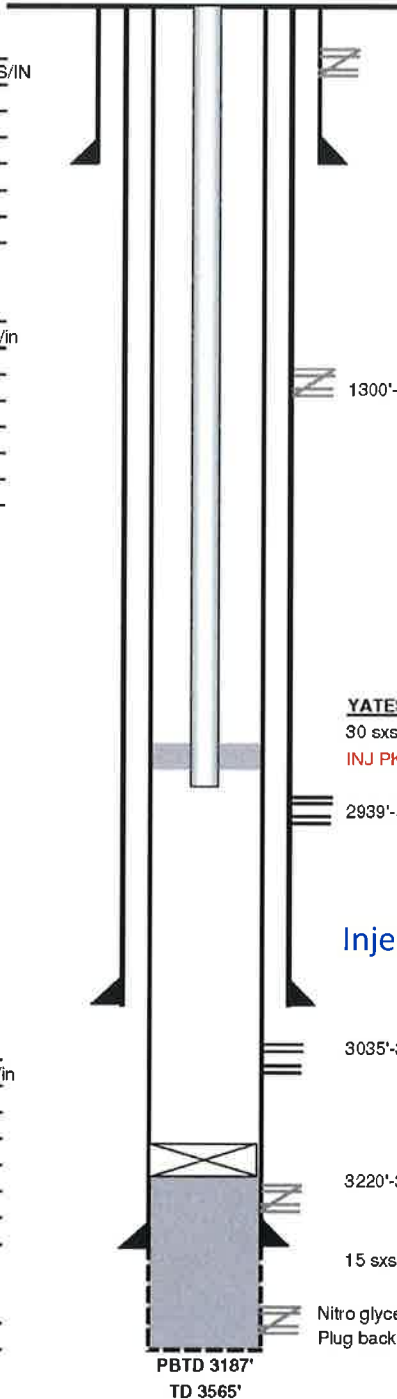
CIBP @ 2900'

CIBP @ 3187'

Production Csg
 Size: 5-1/2"
 Wt.&Thrd: 17# 10 thrds/in
 Grade: _____
 Set @: 3250'
 Sxs Cmt: 100 sxs
 Circ: _____
 TOC: _____
 Hole Size: 6-1/2"

Open Hole
 Size: _____
 Down to: 3435'

PROPOSED



KB: _____
 DF: 3057' 10"
 GL: 3068'
 Spud Date: 5/2/1936
 Compl. Date: 6/14/1936

History - Highlights

- 06-1936: Well D&C
- 01-1940: Acidized
- 11-1947: Perf and Acidized
- 05-1950: Shut In
- 07-1950: Plug back and acidized
- 09-1984: Perf, acidized, frac
- 01-2010: P&A
- 2022-06: Convert to Injector

Additional Data

1. NOT a new well.
 1. Originally a gas well.
 2. Currently plugged.
2. Injection Formation: Yates & Seven Rivers
3. Pool: [33820] JALMAT; TAN-YATES-7 RVRS (OIL)
4. Well has also been opened in the overlapping:
 1. [79240] JALMAT; TAN-YATES-7 RVRS (GAS)
5. Overlying Oil Zone: Yates
 - Depth of Overlying Zone: ~2,784'
 Underlying Oil Zone: Grayburg
 - Depth of Underlying Zone: ±3,600'

YATES (Top @ 2784')

30 sxs cmt
 INJ PKR

2939'-55' w/ 23 shots

Acidized w/ 100 gal 15% NE, Frac w/ 15,000 H2O & 15,000 gal CO2 & 64,000# sand

Injection Interval: 2850'-3187' (PBSD)

3035'-3100'

Acidized w/ 1000 gal acid, Acidized w/ 1500 gal

3220'-3245'

Acidized w/ 1000 gal acid

15 sxs cmt bottom

Nitro glycerin shot @ 3435' & 3305' (06/36), Acidized from 3240'-3580' (01/40)
 Plug back w/ cmt to 3380' (06/36)

PBSD 3187'
 TD 3565'

Tubulars - Capacities and Performance

INJECTION WELL DATA SHEET

OPERATOR: FAE II Operating, LLC

API NUMBER: 30-025-11687

WELL NAME & NUMBER: B T LANEHART #2

WELL LOCATION: 1980 FNL 1980 FWL F 21 25S 37E
FOOTAGE LOCATION UNIT LETTER SECTION TOWNSHIP RANGE

CURRENT WELLBORE SCHEMATIC

Well Name: B T LANEHART 2 API: 30-025-11687 Lease Type: FEE
Location: 1980' FNL & 1980' FWL T-R-Sec-Spot-Lot: 25S-37E-21-F Lease No: _____
Formation(s): _____ ounty/State: Lea, NM

CURRENT

Conductor Casing

Size: 12-1/2"
Wt & Thrd: 50#
Grade: _____
Set @: 83'
Sxs cmt: _____
Circ: _____
TOC: _____
Hole Size: _____

Surface Casing

Size: 10"
Wt & Thrd: 40.5#
Grade: _____
Set @: 668'
Sxs cmt: _____
Circ: _____
TOC: _____
Hole Size: _____

Intermediate Csg

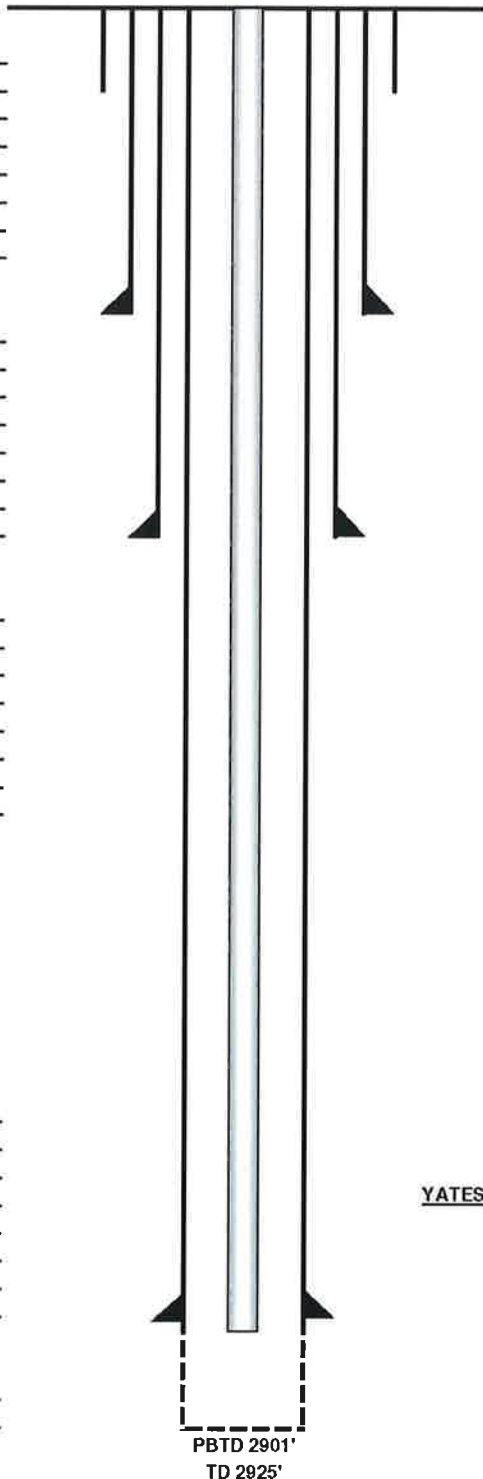
Size: 8-1/4"
Wt & Thrd: 28#
Grade: _____
Set @: 1234'
Sxs cmt: 200'
Circ: _____
TOC: _____
Hole Size: _____

Production Csg

Size: 7"
Wt & Thrd: 24#
Grade: _____
Set @: 2901'
Sxs Cmt: 150 sxs
Circ: _____
TOC: _____
Hole Size: _____

Open Hole

Size: _____
Down to: 2925'



KB: _____
DF: _____
GL: 3067'
Spud Date: 6/8/1936
Compl. Date: 7/15/1936

History - Highlights

1936-07: Well D&C

All info from OCD well files ONLY

INJECTION WELL DATA SHEET

OPERATOR: FAE II Operating, LLC

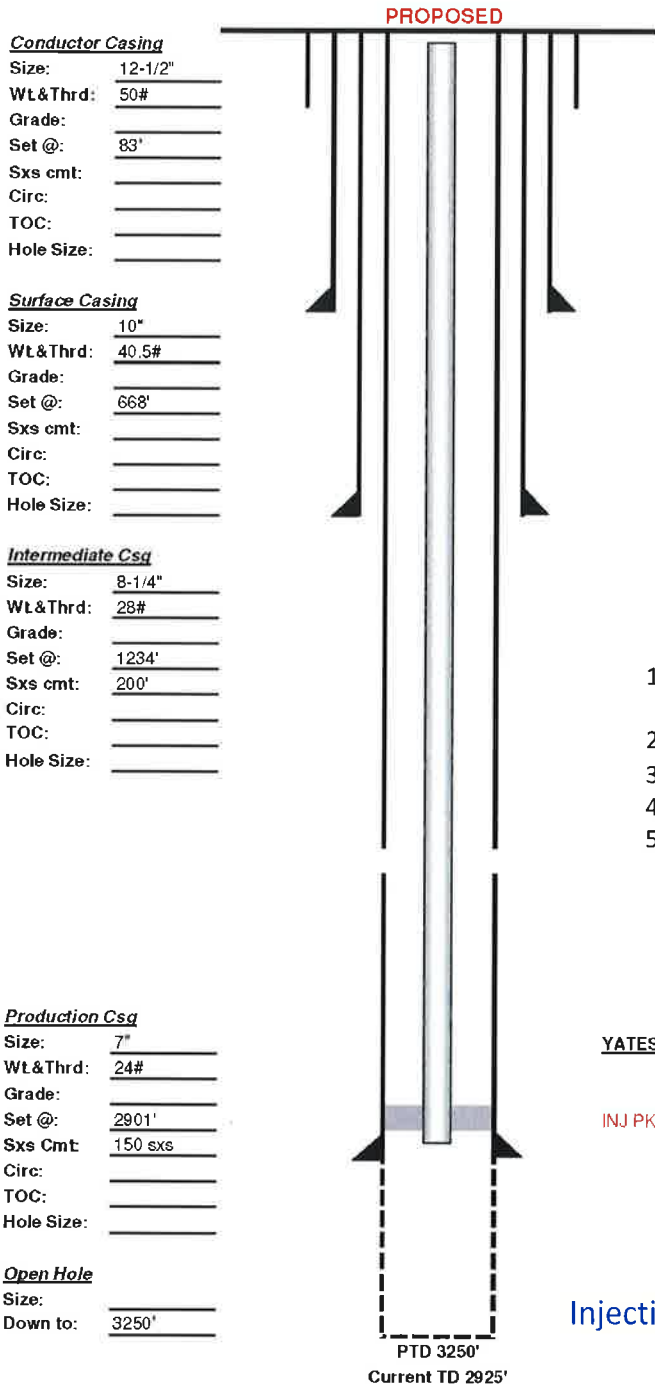
API NUMBER: 30-025-11687

WELL NAME & NUMBER: B T LANEHART #2

WELL LOCATION: 1980 FNL 1980 FWL F 21 25S 37E
FOOTAGE LOCATION UNIT LETTER SECTION TOWNSHIP RANGE

PROPOSED WELLBORE SCHEMATIC

Well Name: B T LANEHART 2 API: 30-025-11687 Lease Type: FEE
 Location: 1980' FNL & 1980' FWL T-R-Sec-Spot-Lot: 25S-37E-21-F Lease No: _____
 Formation(s): [79240] JALMAT TANSILL YATES 7R County/State: Lea, NM



KB: _____
 DF: _____
 GL: 3067'
 Spud Date: 6/8/1936
 Compl. Date: 7/15/1936

History - Highlights
 1936-07: Well D&C
 2022-06: Convert to Inj

Additional Data

1. NOT a new well.
 1. Originally and currently an oil well.
2. Injection Formation: Yates & Seven Rivers
3. Pool: [33820] JALMAT; TAN-YATES-7 RVRS (OIL)
4. Well has also been not been opened in another zone.
5. Overlying Oil Zone: Yates
 - Depth of Overlying Zone: ~2,800'
 Underlying Oil Zone: Grayburg
 - Depth of Underlying Zone: ±3,600'

YATES (Top @ 2800')

INJ PKR

Injection Interval: 2850'-3250' (Deepen)

Tubulars - Capacities and Performance
2-7/8" lbg, nickel lining, ASI-X pkr

For the Following Wells:

- 6. B T LANEHART #12
- 7. B T LANEHART #13
- 8. ARNOTT RAMSAY NCT E #13

South Jal Unit Yates Pilot
New Drill Injector Example

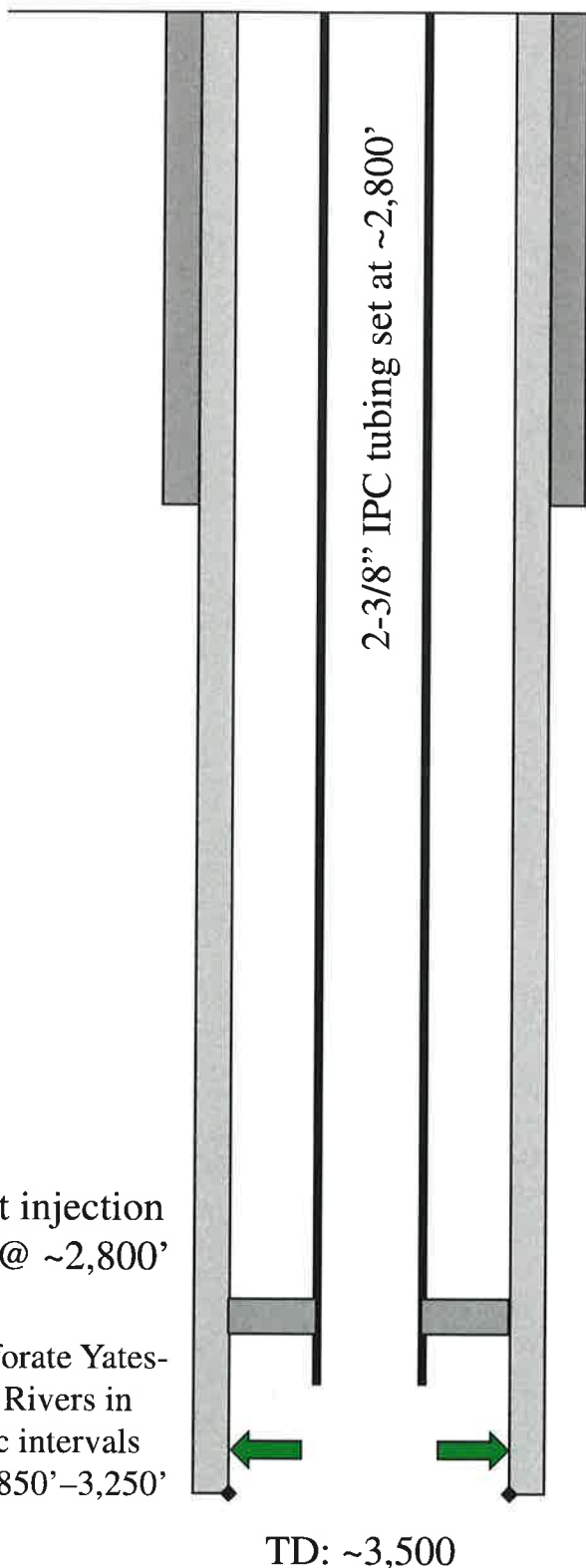
Legal: Sect 16 & 21, Twn 25S Rge 37E

API # 30-025-xxxxx

Jalmat Field, Lea Co., NM

Completion Date: TBD

These wells will be drilled for the purpose of injection



Surface Casing

Hole Size:	<u>12-1/4"</u>
Casing Size:	<u>8-5/8"</u>
Depth Set:	<u>+/- 1000'</u>
Top of Cement:	<u>surface</u>
Cement with	<u>240 sx</u>
Method Determined:	<u>circ. 80 sx</u>

Intermediate Casing

Hole Size:	<u>7-7/8"</u>
Casing Size:	<u>5-1/2"</u>
Depth Set:	<u>3,500'</u>
Top of Cement:	<u>surface</u>
Cement with	<u>1100 sx</u>
Method Determined:	<u>circ. 100 sx</u>

O & G Formation	Interval
Yates- Seven Rivers Inj. Zone	2,850' – 3,250'
Grayburg	+3,600'

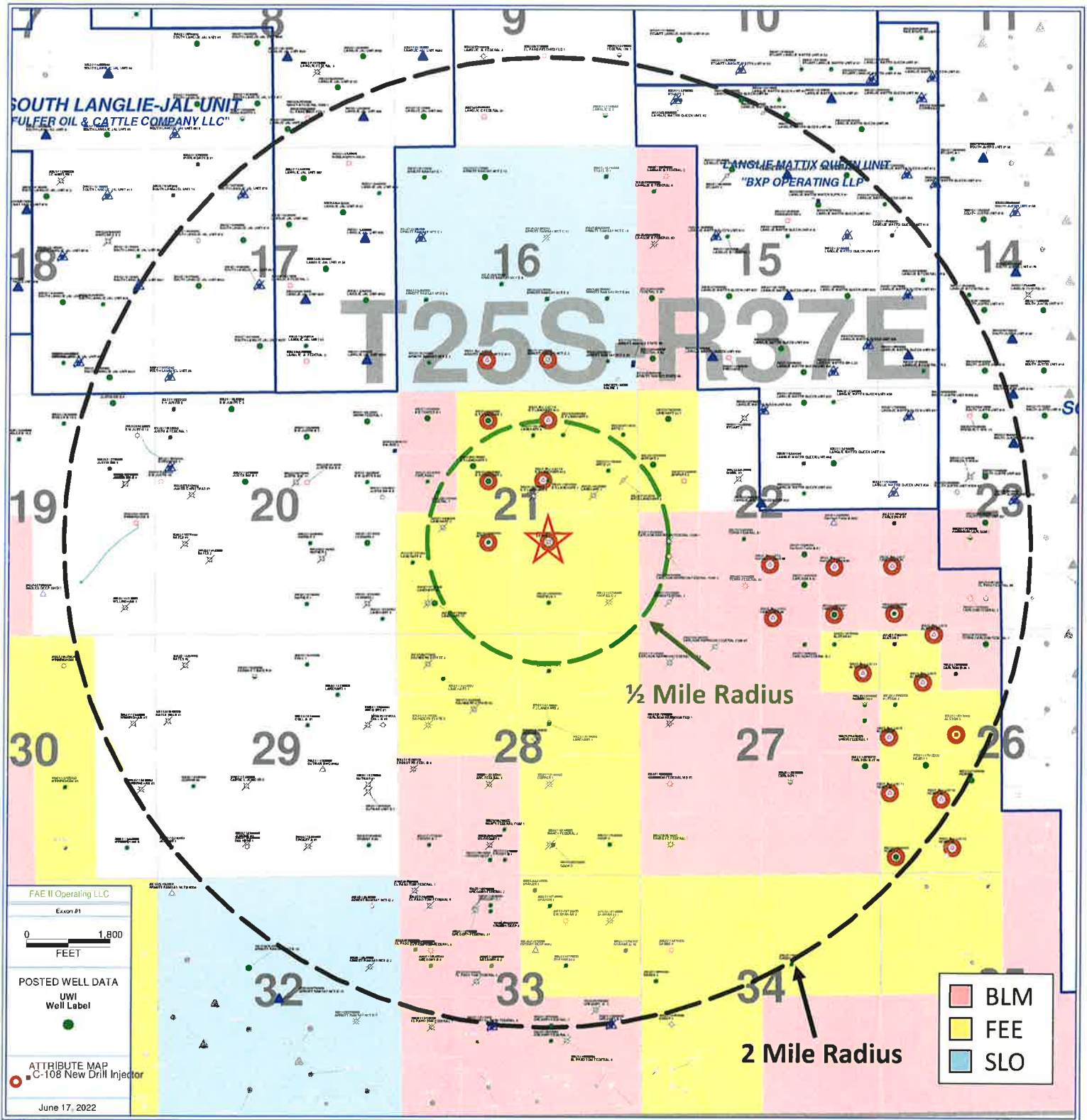
Additional Data

1. New well drilled for injection.
2. Injection Formation: Yates and Seven Rivers
3. POOL: [33820] JALMAT; TAN-YATES-7 RVRS (OIL)
4. Well has NOT been perforated before.
5. Overlying Oil Zone: Yates
 - Depth of Overlying Zone: ~2,800'
 Underlying Oil Zone: Grayburg
 - Depth of Underlying Zone: ±3,600'

Part V.

V.
Exhibit A1 shows 15 unique well locations within a ½ mile radius of the proposed new drill injector location, and 258 unique well locations within a 2 mile radius.

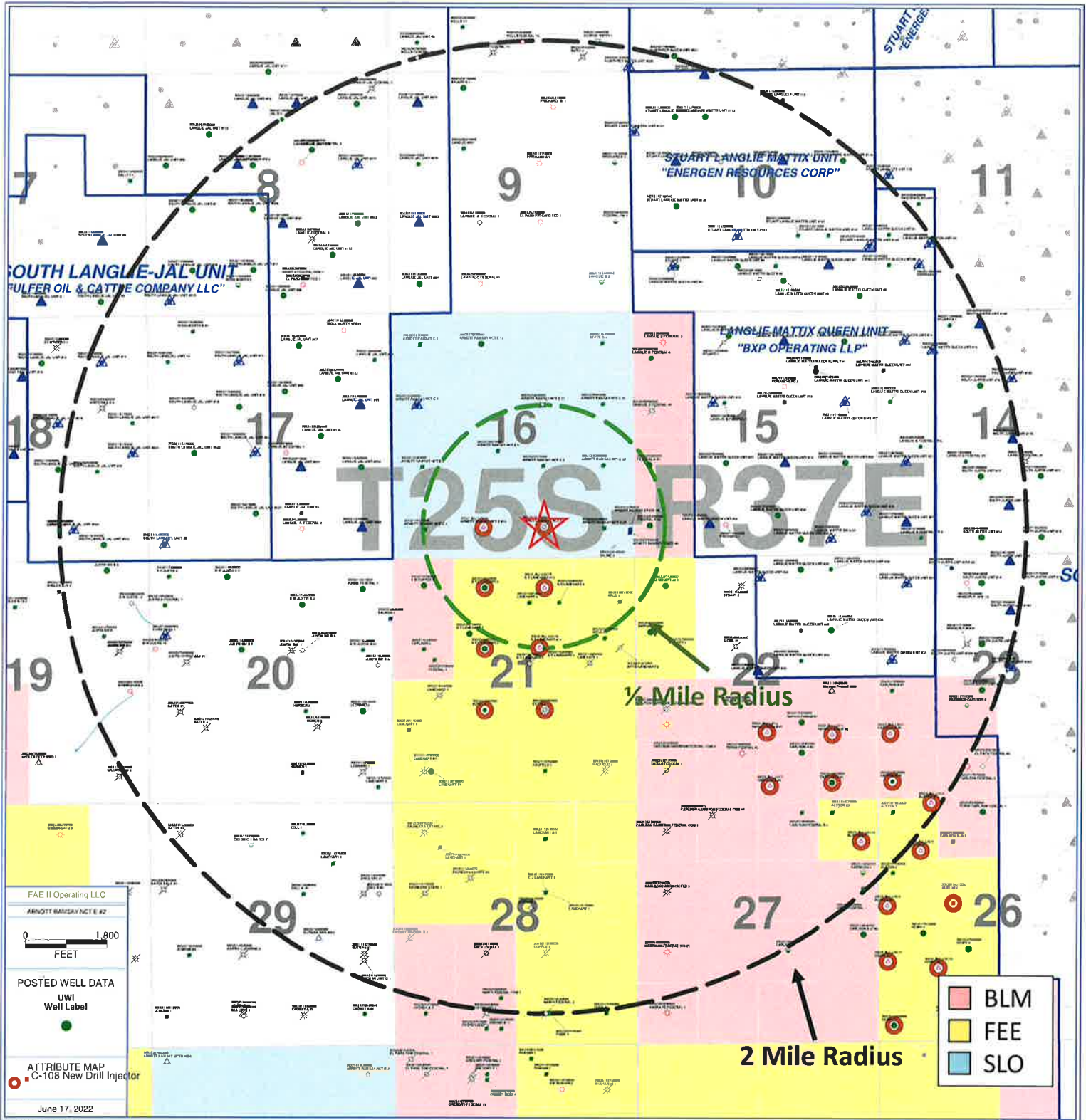
EXXON 1 API: 30-025-09779



V.
Exhibit A2 shows 17 unique well locations within a ½ mile radius of the proposed new drill injector location, and 277 unique well locations within a 2 mile radius.

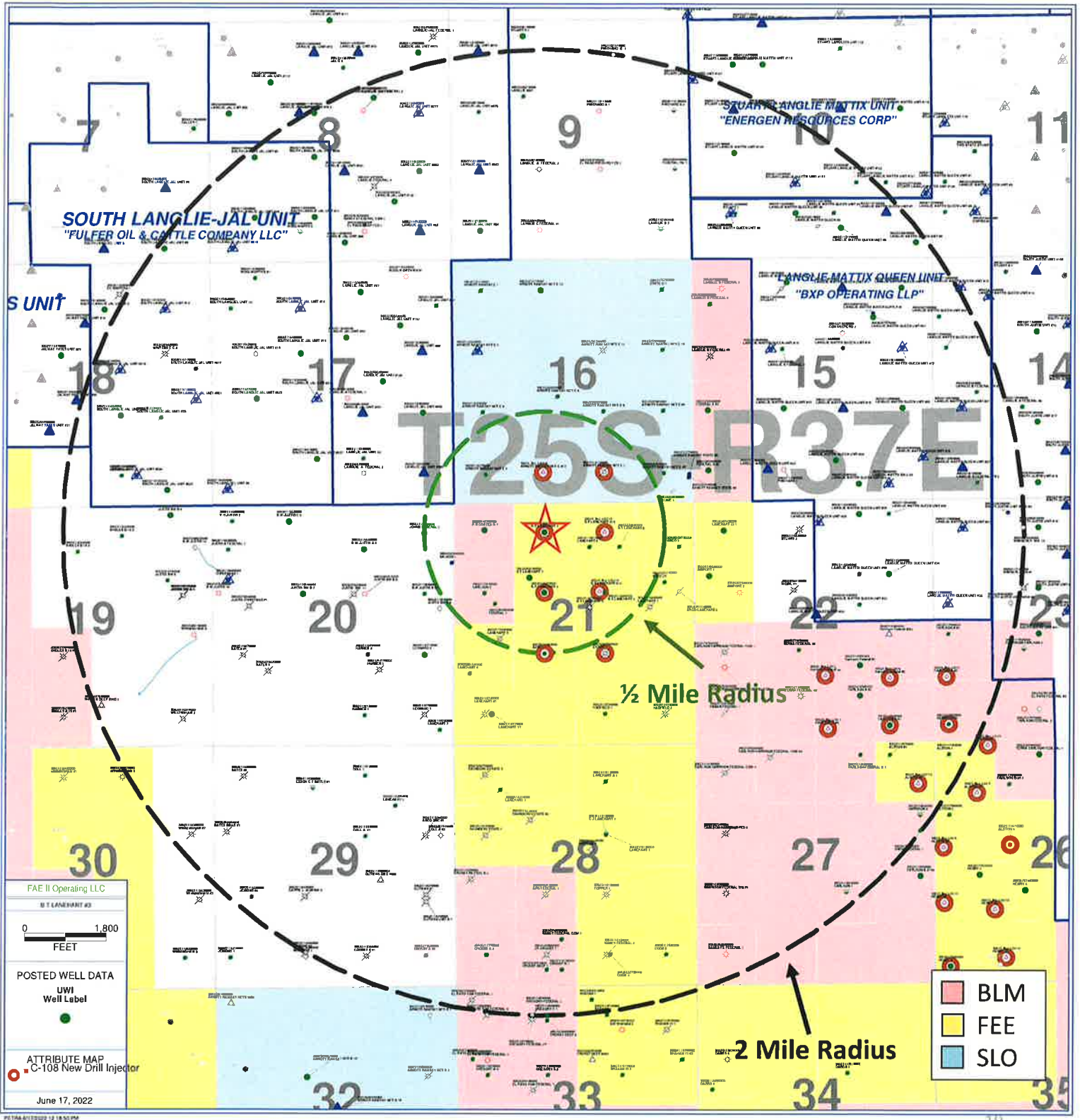
ARNOTT RAMSAY NCT E #2

API: 30-025-11612



V. Exhibit A3 shows 17 unique well locations within a 1/2 mile radius of the proposed new drill injector location, and 264 unique well locations within a 2 mile radius.

B T LANEHART #3 API: 30-025-11682

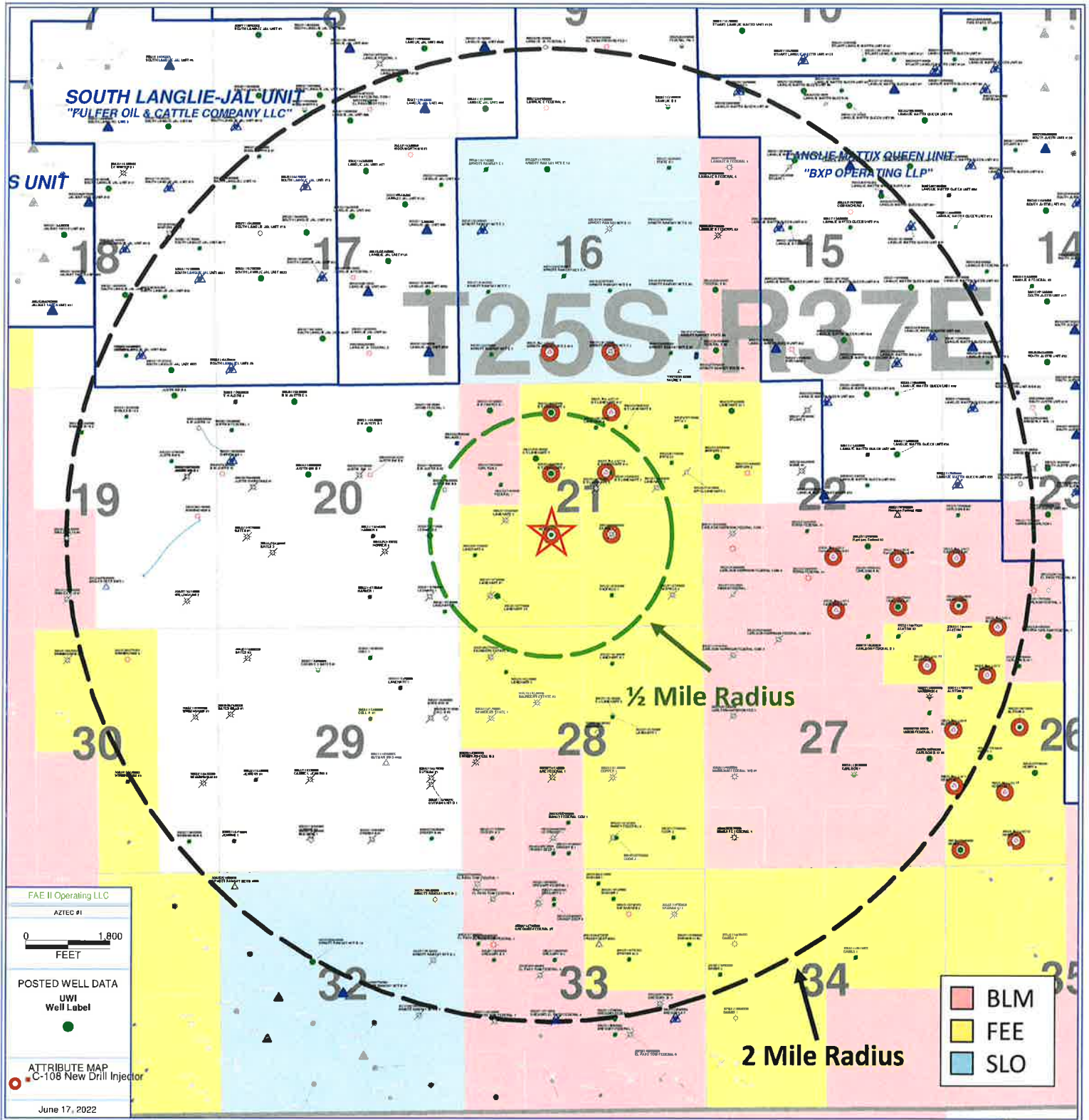


V.

Exhibit A4 shows 18 unique well locations within a 1/2 mile radius of the proposed new drill injector location, and 253 unique well locations within a 2 mile radius.

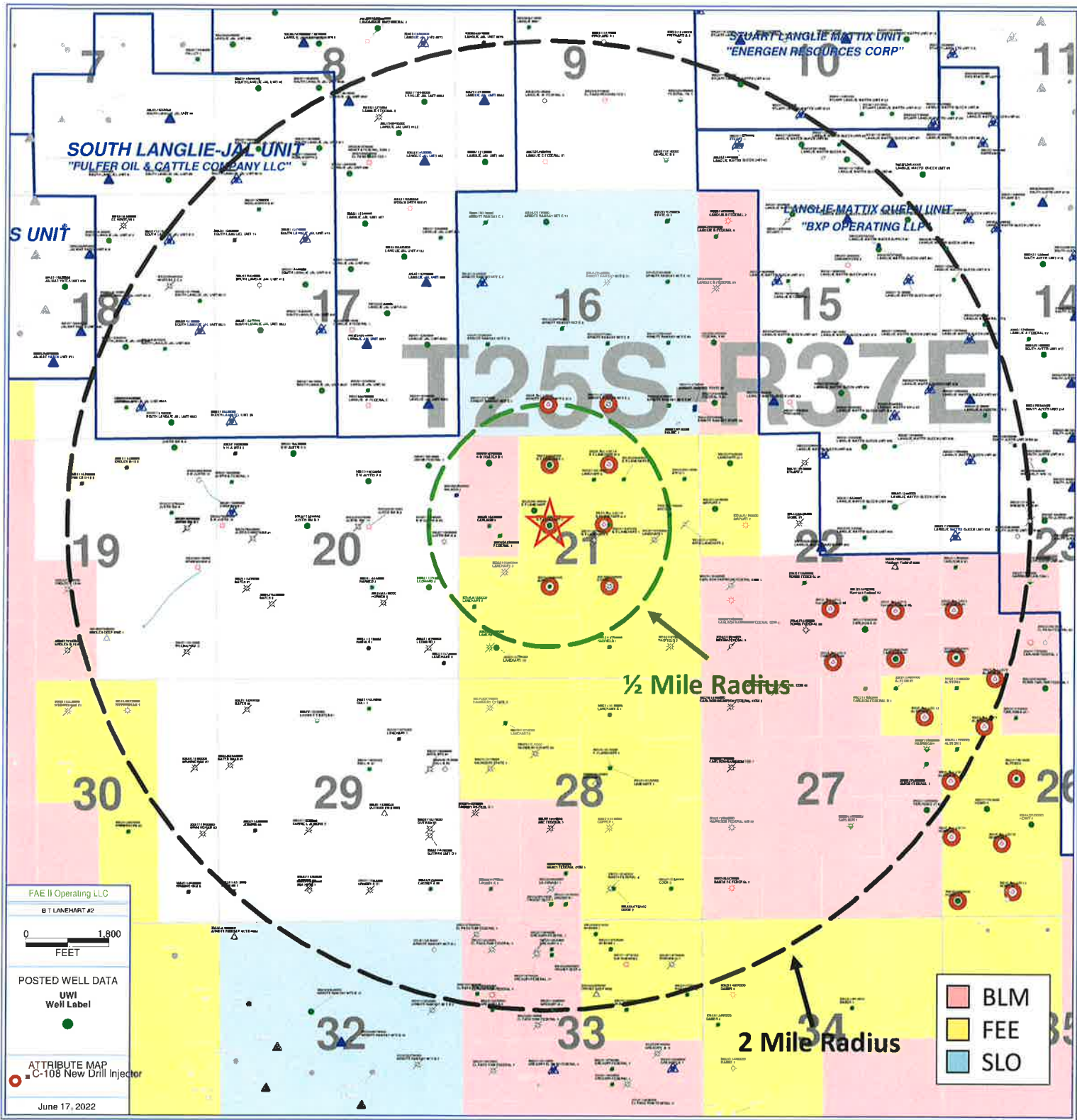
AZTEC #1

API: 30-025-11686



V. Exhibit A5 shows 21 unique well locations within a ½ mile radius of the proposed new drill injector location, and 266 unique well locations within a 2 mile radius.

B T LANEHART #2 API: 30-025-11687

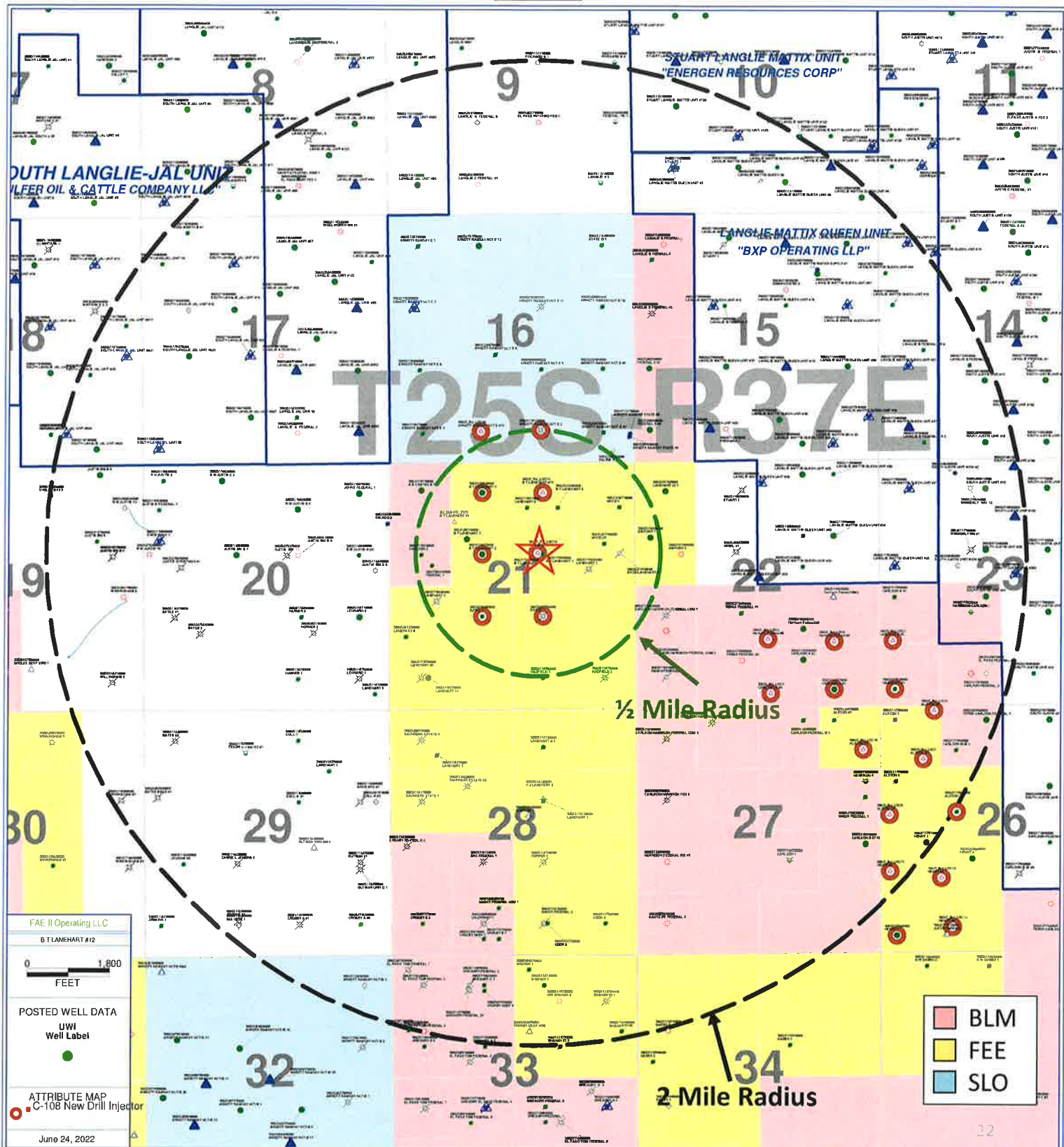


V.

Exhibit A6 shows 21 unique well locations within a ½ mile radius of the proposed new drill injector location, and 275 unique well locations within a 2 mile radius.

B T LANEHART #12

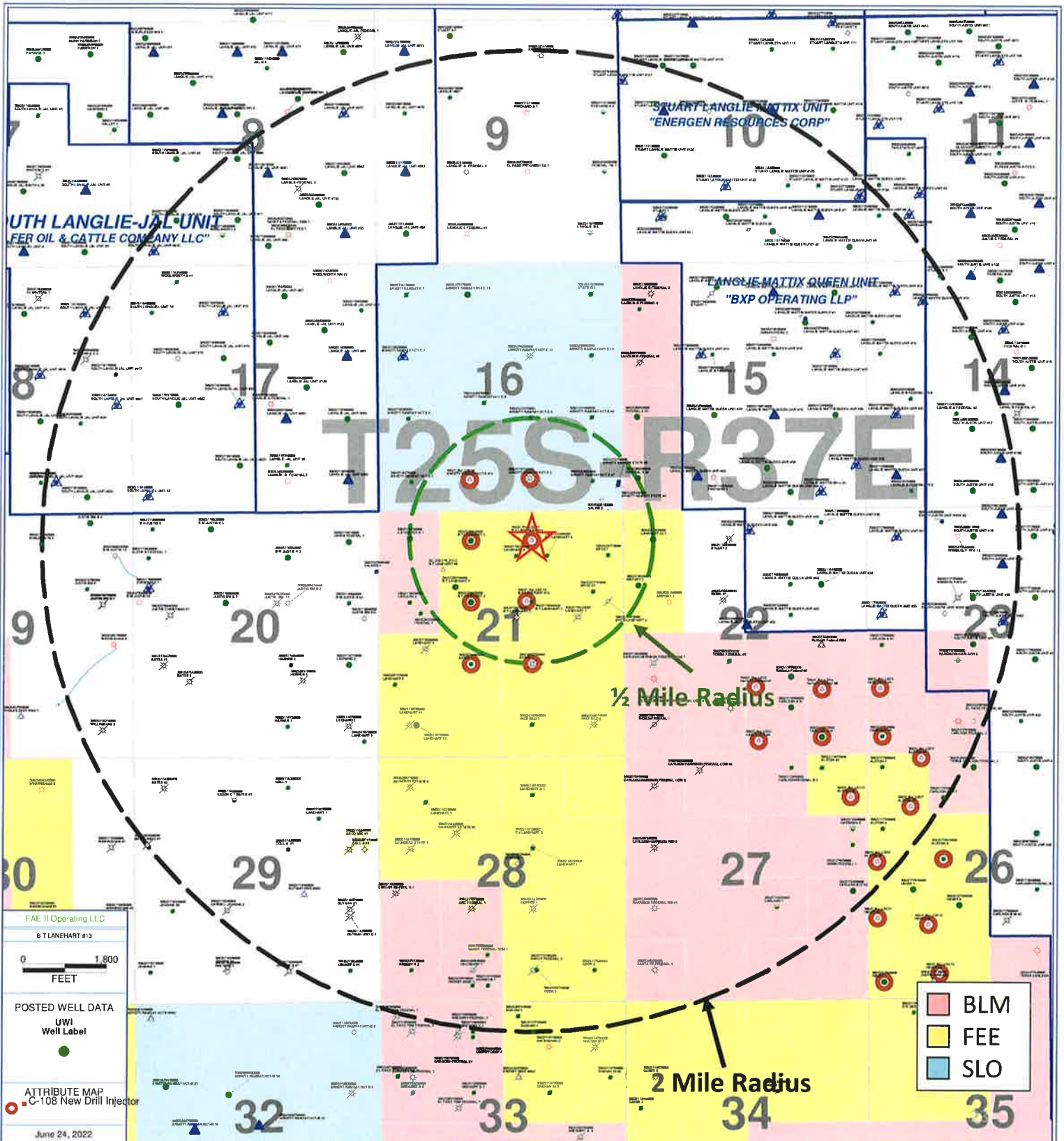
API: TBD



V. Exhibit A7 shows 23 unique well locations within a 1/2 mile radius of the proposed new drill injector location, and 274 unique well locations within a 2 mile radius.

B T LANEHART #13

API: TBD

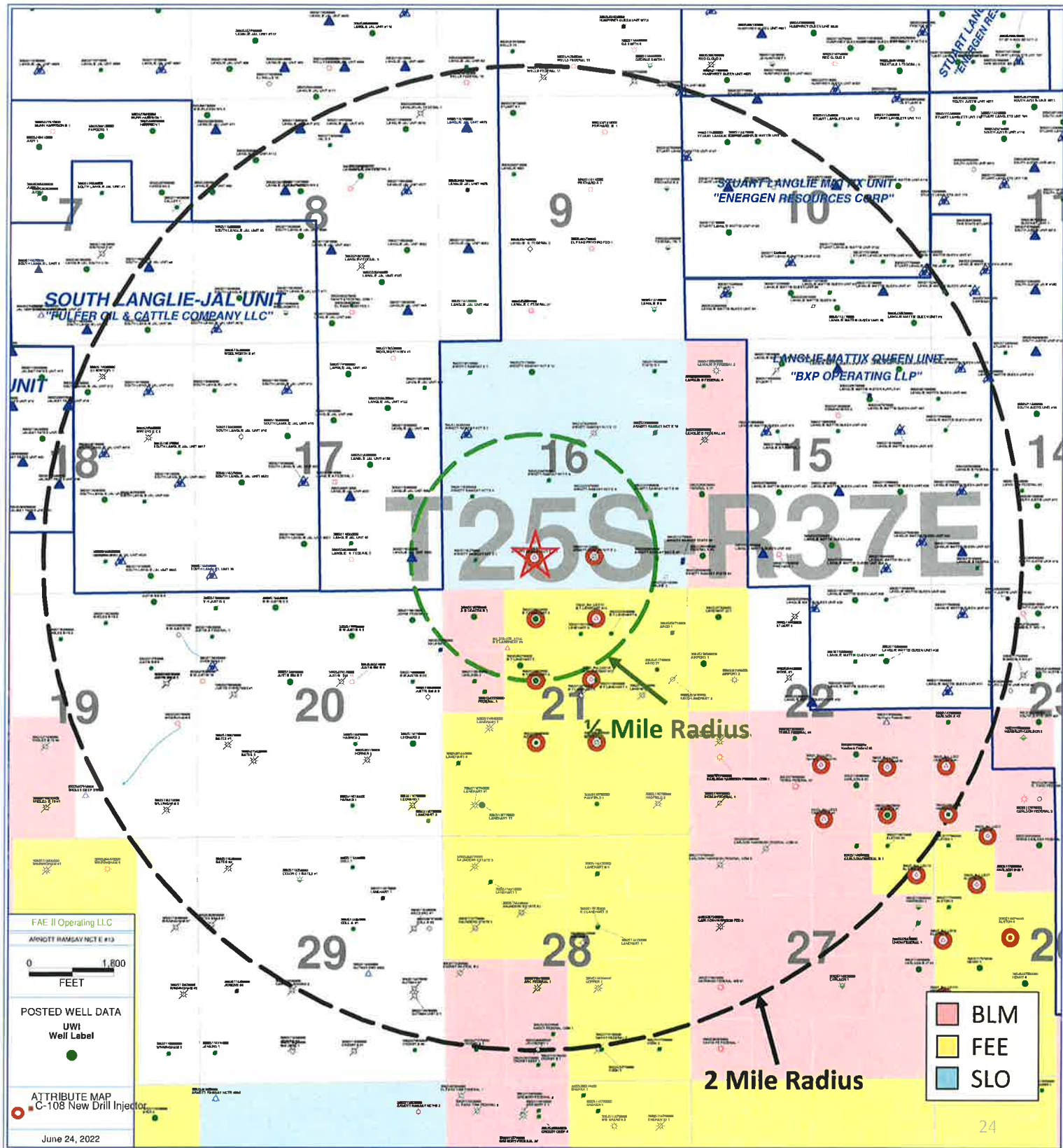


V.

Exhibit A8 shows 15 unique well locations within a 1/2 mile radius of the proposed new drill injector location, and 267 unique well locations within a 2 mile radius.

ARNOTT RAMSAY NCT E #13

API: TBD



Part VI.

Following Exhibits, B1-B8, 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-A8. The plugged well wellbore diagrams are displayed in Exhibits C1-C34.

Exhibit B1

EXXON 1
API: 30-025-09779

1/2 Mile Radius

UWI/API	OPERATOR	WELL LABEL	ID	WELL TYPE	CURRENT ZONE	Distance from EXXON 1 (Feet)	SPUD DATE	COMP DATE	TOWNSHIP	RANGE	SECTION	FOOTAGE
30025097790000	HERMAN L LOEB LLC	EXXON 1	3448	PLUGGAS	PLUGGED	0	5/4/1936	6/3/1936	255	37E	21	1979 FSL 1983 FEL
30025116790000	BETTIS BOYLE & STOVALL, INC.	B T LANEHART 5	3143	PLUGGAS	PLUGGED	1055.46	9/15/1955	12/28/1955	255	37E	21	2310 FEL 2310 FNL
30025116860000	HERMAN L LOEB LLC	AZTEC 1	3565	PLUGOIL	PLUGGED	1316.05	5/3/1936	6/21/1936	255	37E	21	1972 FSL 1977 FNL
30025116760000	HERMAN L LOEB LLC	HADFIELD 1	3024	PLUGOIL	PLUGGED	1320.66	12/9/1946	2/23/1947	255	37E	21	1980 FEL 660 FSL
30025116800000	BETTIS BOYLE & STOVALL, INC.	B T LANEHART 1	3446	PLUGOIL	PLUGGED	1335.22	1/21/1936	4/28/1936	255	37E	21	1980 FEL 1980 FNL
30025 INJ LOC14	FAE II Operating LLC	B T LANEHART #12	3500	LOC-INJ	Injector location	1351.28	TBD	TBD	255	37E	21	1987 FNL 2065 FEL
30025116850000	BURLESON LEWIS B INCORPORATED	LANEHART 1	3782	PLUGGAS	PLUGGED	1412.9	7/26/1936	12/22/1936	255	37E	21	990 FEL 2310 FNL
30025116750000	HERMAN L LOEB LLC	HADFIELD 2	3487	PLUGGAS	PLUGGED	1869.21	11/7/1948	2/12/1949	255	37E	21	660 FEL 660 FSL
30025116870000	FAE II Operating LLC	B T LANEHART 2	2925	OIL	[33820] JALMAT: TAN-YATES-7 RVR5 (OIL)	1870.41	6/8/1936	7/25/1936	255	37E	21	1980 FNL 1980 FNL
30025116870000	HERMAN L LOEB LLC	ARCO 2Y	3500	PLUGOIL	PLUGGED	2033.72	11/20/1975	12/30/1975	255	37E	21	660 FEL 1770 FNL
30025251740000	BURLESON & HUFF	ARCO-LANEHART 2	1200	JNK	PLUGGED	2125.32	11/4/1975	11/9/1975	255	37E	21	330 FEL 1980 FNL
30025251410000	HERMAN L LOEB LLC	LANEHART 3	2928	PLUGGAS	PLUGGED	2328.03	5/23/1937	10/1/1937	255	37E	21	990 FNL 2310 FSL
30025116840000	HERMAN L LOEB LLC	LANEHART 3	2928	PLUGGAS	PLUGGED	2328.03	5/23/1937	10/1/1937	255	37E	21	990 FNL 2310 FSL
30025268190000	FAE II Operating LLC	B T LANEHART 7	3450	OIL	[33820] JALMAT: TAN-YATES-7 RVR5 (OIL)	2334.01	6/2/1980	10/6/1980	255	37E	21	1650 FNL 1650 FNL
3002516810000	BETTIS BOYLE & STOVALL, INC.	LANEHART 4	3101	PLUGOIL	PLUGGED	2346.99	11/14/1937	12/28/1937	255	37E	21	2310 FEL 990 FNL
252558980000	BETTIS BOYLE & STOVALL, INC.	B T LANEHART 6	3550	PLUGOIL	PLUGGED	2349.17	9/6/1977	10/21/1977	255	37E	21	1650 FEL 990 FNL

Exhibit B2

ARNOTT RAMSAY NCT E #2

API: 30-025-11612

UWI/API	OPERATOR	WELL LABEL	TD	WELL TYPE	CURRENT ZONE	Distance from ARNOTT RAMSAY NCT E 2 (Feet)	SPUD DATE	COMP DATE	TOWNSHIP	RANGE	SECTION	FOOTAGE
30025116120000	OXY USA INC	ARNOTT RAMSAY NCT E 2	3153	PLUGGAS	PLUGGED	0	11/4/1939	3/10/1940	255	37E	16	655 FSL 1972 FEL
30025 INJ LOC16	FAE II Operating LLC	ARNOTT RAMSAY NCT E #13	3500	LOC-INJ	Injector Location	1300.16	TBD	TBD	255	37E	16	636 FSL 2005 FWL
30025254650000	OXY USA INC	ARNOTT RAMSAY NCT E #7	3700	PLUGOIL	PLUGGED	1319.83	3/10/1977	4/8/1977	255	37E	16	660 FEL 610 FSL
30025255970000	OXY USA INC	ARNOTT RAMSAY NCT E 9	3700	PLUGOIL	PLUGGED	1320.66	11/1/1977	1/16/1978	255	37E	16	1980 FEL 1980 FSL
30025 INJ LOC15	FAE II Operating LLC	B T LANEHART #13	3500	LOC-INJ	Injector Location	1339.69	TBD	TBD	255	37E	21	684 FNL 1939 FEL
30025228130000	PERMAN CORPORATION THE	SALINE 3	1511	ABDN	PLUGGED	1576.76	10/21/1968	10/27/1968	255	37E	16	465 FEL 220 FSL
30025255880000	BETTIS BOYLE & STOVALL, INC.	B T LANEHART 6	3550	PLUGOIL	PLUGGED	1680.46	9/6/1977	10/21/1977	255	37E	21	1650 FEL 990 FNL
30025116810000	BETTIS BOYLE & STOVALL, INC.	LANEHART 4	3101	PLUGOIL	PLUGGED	1681.06	11/14/1937	12/28/1937	255	37E	21	2310 FEL 990 FNL
30025116820000	FAE II Operating LLC	B T LANEHART 3	3091	OIL	[33820] JALMATI-TAN-VATES-7 RWRS (OIL)	1857.39	3/16/1937	5/11/1937	255	37E	21	1980 FWL 660 FNL
30025255960000	OXY USA INC	ARNOTT RAMSAY NCT E #8	3700	PLUGOIL	PLUGGED	1864.31	9/7/1977	10/4/1977	255	37E	16	660 FEL 1980 FSL
30025269990000	P & S BRINE SALE LP	ARNOTT RAMSEY STATE #4	1591	PA-Water	PLUGGED	1884.75	10/8/1980	3/11/1981	255	37E	16	100 FEL 515 FSL
30025312790000	P & S BRINE SALE LP	ARNOTT RAMSEY STATE #6	1500	PA-Water	PLUGGED	1887.14	12/26/1993	12/28/1993	255	37E	16	93 FEL 581 FSL
30025250470000	OXY USA INC	ARNOTT RAMSAY NCT E 6	3817	PLUGOIL	PLUGGED	1929.28	6/7/1975	9/17/1975	255	37E	16	2310 FNL 2310 FSL
25260840000	PROVIDENCE ENERGY SERVS INC.-	FEDERAL X #2	3700	OIL	[37240] LANGUE MATTX-7 RWRS-Q- GRAYBURG	2309.78	10/3/1978	10/31/1978	255	37E	15	330 FNL 660 FSL
25250710000	HERMAN L LOEB LLC	ARCO 1	3500	PLUGOIL	PLUGGED	2330.14	7/25/1975	9/5/1975	255	37E	21	330 FEL 990 FNL
25116270000	GULF OIL CORPORATION	ARNOTT RAMSAY NCT E 3	3125	PLUGOIL	PLUGGED	2588.8	1/18/1951	3/10/1951	255	37E	16	705 FNL 615 FS
25116800000	BETTIS BOYLE & STOVALL, INC.	B T LANEHART 1	3446	PLUGOIL	PLUGGED	2637.68	1/21/1936	4/28/1936	255	37E	21	1980 FEL 1980 FNL
5_INJ_LOC14	FAE II Operating LLC	B T LANEHART #12	3500	LOC-INJ	Injector Location	2643.51	TBD	TBD	255	37E	21	1987 FNL 2065 FNL

Exhibit B3

B T LANEHART #3
API: 30-025-11682

1/2 Mile Radius

UWI/API	OPERATOR	WELL LABEL	TD	WELL TYPE	CURRENT ZONE	Distance from B T LANEHART 3 (Feet)	SPUD DATE	COMP DATE	TOWNSHIP	RANGE	SECTION	FOOTAGE
30025116820000	FAE II Operating LLC	B T LANEHART 3	3091	OIL	[33820] JALMAT; TAN-YATES-7 RVRIS (OIL)	0	3/16/1937	5/11/1937	255	37E	21	1980 FWL 660 FNL
30025116810000	BETTIS BOYLE & STOVALL INC.	LANEHART 4	3101	PLUGOIL	PLUGGED	1032.94	11/14/1937	12/28/1937	255	37E	21	2310 FEL 990 FNL
30025268190000	FAE II Operating LLC	B T LANEHART 7	3450	OIL	[33820] JALMAT; TAN-YATES-7 RVRIS (OIL)	1049	6/2/1980	10/6/1980	255	37E	21	1650 FWL 1650 FNL
30025 INJ LOC15	FAE II Operating LLC	B T LANEHART #13	3500	LOC-INJ	Injector Location	1312.89	TBD	TBD	255	37E	21	684 FWL 1939 FEL
30025 INJ LOC16	FAE II Operating LLC	ARNOTT RAMSAY NCT E #13	3500	LOC-INJ	Injector Location	1315.39	TBD	TBD	255	37E	16	636 FSL 2005 FWL
30025116740000	FAE II Operating LLC	A B COATES B 1	3077	OIL	[33820] JALMAT; TAN-YATES-7 RVRIS (OIL)	1320.32	9/18/1936	2/27/1937	255	37E	21	660 FWL 600 FNL
30025116870000	FAE II Operating LLC	B T LANEHART 2	2925	OIL	[33820] JALMAT; TAN-YATES-7 RVRIS (OIL)	1320.69	6/8/1936	7/25/1936	255	37E	21	1980 FWL 1980 FNL
30025255880000	BETTIS BOYLE & STOVALL INC.	B T LANEHART 6	3550	PLUGOIL	PLUGGED	1671.09	9/6/1977	10/21/1977	255	37E	21	1650 FEL 990 FNL
30025 INJ LOC14	FAE II Operating LLC	B T LANEHART #12	3500	LOC-INJ	Injector Location	1770.6	TBD	TBD	255	37E	21	1987 FNL 2065 FEL
30025116270000	GULF OIL CORPORATION	ARNOTT RAMSAY NCT E 3	3125	PLUGOIL	PLUGGED	1804.62	1/18/1951	3/10/1951	255	37E	16	705 FWL 615 FSL
30025116120000	OXY USA INC	ARNOTT RAMSAY NCT E 2	3153	PLUGGAS	PLUGGED	1857.39	11/4/1939	3/10/1940	255	37E	16	655 FSL 1972 FEL
30025116800000	BETTIS BOYLE & STOVALL INC.	B T LANEHART 1	3446	PLUGOIL	PLUGGED	1857.83	1/21/1936	4/28/1936	255	37E	21	1980 FEL 1980 FNL
30025116830000	ANDERSON-PRICHARD OIL CORP	CARLSON 2	3020	PLUGOIL	PLUGGED	1873.14	11/18/1936	3/1/1937	255	37E	21	660 FWL 1980 FNL
30025263350000	HENMAN L LOEB LLC	FEDERAL 1	3340	PLUGOIL	PLUGGED	1903.06	7/6/1979	8/2/1979	255	37E	21	890 FWL 2210 FN
30025116790000	BETTIS BOYLE & STOVALL INC.	B T LANEHART 5	3143	PLUGGAS	PLUGGED	1918.22	9/15/1955	12/28/1955	255	37E	21	2310 FEL 2310 FN
300252940000	BASIC ENERGY SERVICES, LP	SALADO 2	1420	PA-Water	PLUGGED	2143.75	8/27/1993	9/22/1993	255	37E	20	60 FEL 1305 FNL
30025116840000	HENMAN L LOEB LLC	LANEHART 3	2928	PLUGGAS	PLUGGED	2528.69	5/23/1937	10/1/1937	255	37E	21	990 FWL 2310 FS

Exhibit B4

AZTEC #1
API: 30-025-11686

UWI/API	OPERATOR	WELL LABEL	ID	WELL TYPE	CURRENT ZONE	Distance from AZTEC 1 (Feet)	SPUD DATE	COMP DATE	TOWNSHIP	RANGE	SECTION	FOOTAGE
300251168600000	HERMAN L. LOEB LLC	AZTEC 1	3565	PLUGOIL	PLUGGED	0	5/3/1936	6/21/1936	255	37E	21	1972 FSL 1977 FWL
300251168400000	HERMAN L. LOEB LLC	LANEHART 3	2928	PLUGGAS	PLUGGED	1041.81	5/23/1937	10/1/1937	255	37E	21	990 FWL 2310 FSL
300250977900000	HERMAN L. LOEB LLC	EXXON 1	3448	PLUGGAS	PLUGGED	1316.05	5/4/1936	6/3/1936	255	37E	21	1979 FSL 1983 FEL
300251168700000	FAE II Operating LLC	B T LANEHART 2	2925	OIL	[33820] JALMAT-TAN-YATES-7 RVRS (OIL)	1331.58	6/8/1936	7/25/1936	255	37E	21	1980 FWL 1980 FNL
300251167900000	BETTIS BOYLE & STOVALL, INC.	B T LANEHART 5	3143	PLUGGAS	PLUGGED	1408.14	9/15/1955	12/28/1955	255	37E	21	2310 FEL 2310 FNL
300252633500000	HERMAN L. LOEB LLC	FEDERAL 1	3340	PLUGOIL	PLUGGED	1543.3	7/6/1979	8/2/1979	255	37E	21	890 FWL 2210 FNL
300252681900000	FAE II Operating LLC	B T LANEHART 7	3450	OIL	[33820] JALMAT-TAN-YATES-7 RVRS (OIL)	1689.97	6/2/1980	10/6/1980	255	37E	21	1650 FWL 1650 FNL
300252615500000	BURLESON PETROLEUM, INC	LANEHART 4	3530	PLUGOIL	PLUGGED	1704.49	11/30/1978	1/30/1979	255	37E	21	330 FWL 1550 FSL
300251167700000	FAE II Operating LLC	LANEHART 1Y	9029	OIL	[37240] LANGLE MATTX-7 RVRS-Q-GRAVBURG	1766.13	1/14/1956	3/28/1956	255	37E	21	810 FWL 660 FSL
300251167600000	FAE II Operating LLC	B T LANEHART #12	3500	LOC-INJ	Injector Location	1806.52	TBD	TBD	255	37E	21	1987 FNL 2065 FEL
300251167800000	HERMAN L. LOEB LLC	HADFIELD 1	3024	PLUGOIL	PLUGGED	1864.85	12/9/1946	2/23/1947	255	37E	21	1980 FEL 660 FSL
300251167800000	BURLESON PETROLEUM, INC	LANEHART #1	2775	PLUGGAS	PLUGGED	1868.45	1/5/1951	5/21/1951	255	37E	21	660 FWL 660 FSL
300251168300000	ANDERSON-PRICHARD OIL CORP	CARLSON 2	3020	PLUGOIL	PLUGGED	1869.98	11/18/1936	3/1/1937	255	37E	21	660 FWL 1980 FNL
300251168000000	BETTIS BOYLE & STOVALL, INC.	B T LANEHART 1	3446	PLUGOIL	PLUGGED	1876.52	1/21/1936	4/28/1936	255	37E	21	1980 FEL 1980 FNL
300251166400000	BETTIS BOYLE & STOVALL, INC.	JUSTIS BMA 6	3332	TA	[33820] JALMAT-TAN-YATES-7 RVRS (OIL)	2511.68	11/1/1954	12/25/1954	255	37E	20	330 FEL 2310 FNL
25116850000	BURLESON LEWIS B INCORPORATED	LANEHART 1	3782	PLUGGAS	PLUGGED	2517.37	7/26/1936	12/22/1936	255	37E	21	990 FEL 2310 FNL
25116810000	BETTIS BOYLE & STOVALL, INC.	LANEHART 4	3101	PLUGOIL	PLUGGED	2525.02	11/14/1937	12/28/1937	255	37E	21	2310 FEL 990 FNL
25116710000	FULFEE OIL & CATTLE LLC	LEONARD 2	3620	OIL	[33820] JALMAT-TAN-YATES-7 RVRS (OIL)	2638.29	11/16/1937	2/7/1938	255	37E	20	660 FEL 1980 FSL

Exhibit B5

B T LANEHART #2
API: 30-025-11687

UWI/API	OPERATOR	WELL LABEL	ID	WELL TYPE	CURRENT ZONE	Distance from B T LANEHART 2 (feet)	SPUD DATE	COMP DATE	TOWNSHIP	RANGE	SECTION	FOOTAGE
30025116870000	FAE II Operating LLC	B T LANEHART 2	2925	OIL	[33820] JALMAT-TAN-YATES-7 RVRS (OIL)	0	6/8/1936	7/25/1936	25S	37E	21	1980 FWL 1980 FNL
30025268190000	FAE II Operating LLC	B T LANEHART 7	3450	OIL	[33820] JALMAT-TAN-YATES-7 RVRS (OIL)	463.62	6/2/1980	10/6/1980	25S	37E	21	1650 FWL 1650 FNL
30025116790000	BETTIS BOYLE & STOVALL, INC.	B T LANEHART 5	3143	PLUGGAS	PLUGGED	1038.84	9/15/1955	12/28/1955	25S	37E	21	2310 FEL 2310 FNL
30025263350000	HERMAN L. LOEB LLC	FEDERAL 1	3340	PLUGOIL	PLUGGED	1114.55	7/6/1979	8/2/1979	25S	37E	21	890 FWL 2210 FNL
30025 INJ LOC14	FAE II Operating LLC	B T LANEHART #12	3500	LOC-INJ	Injector Location	1201.74	TBD	TBD	25S	37E	21	1987 FNL 2065 FNL
30025116800000	BETTIS BOYLE & STOVALL, INC.	B T LANEHART 1	3446	PLUGOIL	PLUGGED	1315.99	1/21/1936	4/28/1936	25S	37E	21	1980 FEL 1980 FNL
30025116830000	ANDERSON-PRICHARD OIL CORP	CARLSON 2	3020	PLUGOIL	PLUGGED	1319.09	11/18/1936	3/1/1937	25S	37E	21	660 FWL 1980 FNL
30025116820000	FAE II Operating LLC	B T LANEHART 3	3091	OIL	[33820] JALMAT-TAN-YATES-7 RVRS (OIL)	1320.69	3/16/1937	5/11/1937	25S	37E	21	1980 FWL 660 FNL
30025116860000	HERMAN L. LOEB LLC	AZTEC 1	3565	PLUGOIL	PLUGGED	1331.58	5/3/1936	6/21/1936	25S	37E	21	1972 FSL 1977 FWL
30025116810000	BETTIS BOYLE & STOVALL, INC.	LANEHART 4	3101	PLUGOIL	PLUGGED	1398.19	11/14/1937	12/28/1937	25S	37E	21	2310 FEL 990 FNL
30025116840000	HERMAN L. LOEB LLC	LANEHART 3	2928	PLUGGAS	PLUGGED	1410.31	5/23/1937	10/4/1937	25S	37E	21	990 FWL 2310 FSL
30025 INJ LOC15	FAE II Operating LLC	B T LANEHART #13	3500	LOC-INJ	Injector Location	1864.44	TBD	TBD	25S	37E	21	684 FNL 1939 FEL
30025097790000	HERMAN L. LOEB LLC	EXXON 1	3448	PLUGGAS	PLUGGED	1870.41	5/4/1936	6/3/1936	25S	37E	21	1979 FSL 1983 FEL
30025116740000	FAE II Operating LLC	A B COATES B 1	3077	OIL	[33820] JALMAT-TAN-YATES-7 RVRS (OIL)	1901.78	9/18/1936	2/27/1937	25S	37E	21	660 FWL 600 FNL
30025255880000	BETTIS BOYLE & STOVALL, INC.	B T LANEHART 6	3550	PLUGOIL	PLUGGED	1921.67	9/6/1977	10/21/1977	25S	37E	21	1650 FEL 990 FNL
302523940000	BASIC ENERGY SERVICES, LP	SALADO 2	1420	PA-Water	PLUGGED	2142.8	8/27/1993	9/22/1993	25S	37E	20	60 FEL 1305 FNL
3025116850000	BURLESON LEWIS B INCORPORATED	LANEHART 1	3782	PLUGGAS	PLUGGED	2327.44	7/26/1936	12/22/1936	25S	37E	21	990 FEL 2310 FN
3025116850000	BETTIS BOYLE & STOVALL, INC.	JUSTIS BMA 6	3332	TA	[33820] JALMAT-TAN-YATES-7 RVRS (OIL)	2333.57	11/4/1954	12/25/1954	25S	37E	20	330 FEL 2310 FN
32615550000	BURLESON PETROLEUM, INC	LANEHART 4	3530	PLUGOIL	PLUGGED	2415.02	11/30/1978	1/30/1979	25S	37E	21	330 FWL 1550 FS
5 INJ LOC16	FAE II Operating LLC	ARNOTT RAMSAY NCT E #13	3500	LOC-INJ	Injector Location	2635.91	TBD	TBD	25S	37E	16	636 FSL 2005 FW
5 INJ LOC16	BETTIS BOYLE & STOVALL, INC.	B JUSTIS A #2	3029	PLUGOIL	PLUGGED	2638.17	7/28/1937	7/28/1937	25S	37E	20	660 FEL 1980 FNL

Exhibit B6

B T LANEHART #12
API: TBD

1/2 Mile Radius

UWI/API	OPERATOR	WELL LABEL	TD	WELL TYPE	CURRENT ZONE	Distance from B T LANEHART 12 (feet)	SPUD DATE	COMP DATE	TOWNSHIP	RANGE	SECTION	FOOTAGE
30025116800000	FAE II Operating LLC	B T LANEHART #12	3500	LOC-INJ	Injector Location	0	TBD	TBD	255	37E	21	1987 FNL 2065 FEL
30025116800000	BETTIS BOYLE & STOVALL, INC.	B T LANEHART 1	3446	PLUGGAIL	PLUGGED	114.9	1/21/1936	4/28/1936	255	37E	21	1980 FEL 1980 FNL
300251168190000	BETTIS BOYLE & STOVALL, INC.	B T LANEHART 5	3143	PLUGGAS	PLUGGED	405.73	9/15/1955	12/28/1955	255	37E	21	2310 FEL 2310 FNL
30025116810000	BETTIS BOYLE & STOVALL, INC.	LANEHART 4	3101	PLUGGAIL	PLUGGED	1000.97	11/14/1937	12/28/1937	255	37E	21	2310 FEL 990 FNL
30025116880000	BETTIS BOYLE & STOVALL, INC.	B T LANEHART 6	3550	PLUGGAIL	PLUGGED	1074.6	9/6/1977	10/21/1977	255	37E	21	1650 FEL 990 FNL
30025116850000	BURLESON LEWIS B INCORPORATED	LANEHART 1	3782	PLUGGAS	PLUGGED	1154.16	7/26/1936	12/22/1936	255	37E	21	990 FEL 2310 FNL
30025116870000	FAE II Operating LLC	B T LANEHART 2	2925	OIL	[33820] JALMAT:TAN-VATES-7 RVRIS (OIL)	1201.74	6/8/1936	7/25/1936	255	37E	21	1980 FNL 1980 FNL
30025116870000	FAE II Operating LLC	B T LANEHART #13	3500	LOC-INJ	Injector Location	1308.33	TBD	TBD	255	37E	21	684 FNL 1939 FEL
30025097790000	HERMAN L. LOEB LLC	EXXON 1	3448	PLUGGAS	PLUGGED	1351.28	5/4/1936	6/3/1936	255	37E	21	1979 FSL 1983 FEL
30025251740000	HERMAN L. LOEB LLC	ARCO 2Y	3500	PLUGGAIL	PLUGGED	1446.68	11/20/1975	12/30/1975	255	37E	21	660 FNL 1770 FNL
30025268190000	FAE II Operating LLC	B T LANEHART 7	3450	OIL	[33820] JALMAT:TAN-VATES-7 RVRIS (OIL)	1562.14	6/2/1980	10/6/1980	255	37E	21	1650 FNL 1650 FNL
30025251410000	BURLESON & HUFF	ARCO-LANEHART 2	1200	JNK	PLUGGED	1761.66	11/4/1975	11/9/1975	255	37E	21	330 FEL 1980 FNL
30025116820000	FAE II Operating LLC	B T LANEHART 3	3091	OIL	[33820] JALMAT:TAN-VATES-7 RVRIS (OIL)	1770.6	3/16/1937	5/11/1937	255	37E	21	1980 FNL 660 FNL
30025116880000	HERMAN L. LOEB LLC	AZTEC 1	3665	PLUGGAIL	PLUGGED	1806.52	5/3/1936	6/21/1936	255	37E	21	1972 FSL 1977 FNL
30025250710000	HERMAN L. LOEB LLC	ARCO 1	3500	PLUGGAIL	PLUGGED	2017.5	7/25/1975	9/5/1975	255	37E	21	330 FEL 990 FNL
30025263350000	HERMAN L. LOEB LLC	FEDERAL 1	3340	PLUGGAIL	PLUGGED	2304.66	7/6/1979	8/2/1979	255	37E	21	890 FNL 2210 FNL
30025116840000	HERMAN L. LOEB LLC	LANEHART 3	2928	PLUGGAS	PLUGGED	2417.77	5/23/1937	10/1/1937	255	37E	21	990 FNL 2310 FSL
302510580000	FAE II Operating LLC	AIRPORT 1	3561.9	OIL	[37240] LANGLIE MATTX:7 RVRIS-Q-GRAYBURG	2445.19	1/7/1991	1/27/1991	255	37E	22	330 FNL 1650 FNL
302516830000	ANDERSON-PRICHARD OIL CORP	CARLSON 2	3020	PLUGGAIL	PLUGGED	2520.8	11/18/1936	3/1/1937	255	37E	21	660 FNL 1980 FNL
35116120000	OXY USA INC	ARNOTT RAMSAY NCT E 2	3153	PLUGGAS	PLUGGED	2643.51	11/4/1939	3/10/1940	255	37E	16	655 FSL 1972 FE
25116760000	HERMAN L. LOEB LLC	HADFIELD 1	3024	PLUGGAIL	PLUGGED	2669.67	12/9/1946	2/23/1947	255	37E	21	1980 FEL 660 FS
2528130000	PERMIAN CORPORATION THE	SALINE 3	1511	ABDN	PLUGGED	2727.49	10/21/1968	10/27/1968	255	37E	16	465 FEL 220 FSL
25116740000	FAE II Operating LLC	A B COATES B 1	3077	OIL	[33820] JALMAT:TAN-VATES-7 RVRIS (OIL)	2859.43	9/18/1936	2/27/1937	255	37E	21	660 FNL 600 FNL

Exhibit B7

B T LANEHART #13

API: TBD

UWI/API	OPERATOR	WELL LABEL	TD	WELL TYPE	CURRENT ZONE	Distance from B T LANEHART #13 (feet)	SPUD DATE	COMP DATE	TOWNSHIP	RANGE	SECTION	FOOTAGE
300251168900000	FAE II Operating LLC	B T LANEHART #13	3500	LOC-NU	Injector Location	0	TBD	TBD	255	37E	21	684 FWL 1939 FEL
300252558890000	BETTIS BOYLE & STOVALL, INC.	B T LANEHART 6	3550	PLUGOIL	PLUGGED	459.62	9/6/1977	10/21/1977	255	37E	21	1650 FEL 990 FNL
300251168100000	BETTIS BOYLE & STOVALL, INC.	LANEHART 4	3101	PLUGOIL	PLUGGED	466.29	11/14/1937	12/28/1937	255	37E	21	2310 FEL 990 FNL
300251168200000	FAE II Operating LLC	B T LANEHART #12	3500	LOC-NU	Injector Location	1308.33	TBD	TBD	255	37E	21	1987 FNL 2065 FEL
300251168200000	FAE II Operating LLC	B T LANEHART 3	3091	OIL			3/16/1937	5/11/1937	255	37E	21	1980 FNL 660 FNL
300251168900000	BETTIS BOYLE & STOVALL, INC.	B T LANEHART 1	3446	PLUGOIL	PLUGGED	1312.89	11/4/1939	3/10/1940	255	37E	21	655 FSL 1972 FEL
300251161200000	OXY USA INC	ARNOTT RAMSAY NCT E 2	3153	PLUGGAS	PLUGGED	1314.52	7/25/1975	9/5/1975	255	37E	21	330 FEL 990 FNL
300252507100000	HERMAN L. LOEB LLC	ARCO 1	3500	PLUGOIL	PLUGGED	1675.93	9/15/1955	12/28/1955	255	37E	21	2310 FEL 2310 FNL
300251167900000	BETTIS BOYLE & STOVALL, INC.	B T LANEHART 5	3143	PLUGGAS	PLUGGED	1679.84	11/20/1975	12/30/1975	255	37E	21	660 FEL 1720 FNL
300252517400000	HERMAN L. LOEB LLC	ARCO 2Y	3500	PLUGOIL	PLUGGED	1717.34	10/21/1968	10/27/1968	255	37E	21	455 FEL 220 FSL
300252281300000	PERMIAN CORPORATION THE	SALINE 3	1511	ABDN	PLUGGED	1750.03	3/10/1977	4/8/1977	255	37E	16	660 FEL 610 FSL
300252546500000	OXY USA INC	ARNOTT RAMSAY NCT E #7	3700	PLUGOIL	PLUGGED	1832.87	6/8/1936	7/25/1936	255	37E	21	1980 FNL 1980 FNL
300251168700000	FAE II Operating LLC	B T LANEHART 2	2925	OIL		1864.44	TBD	TBD	255	37E	16	636 FSL 2005 FWL
300251168700000	FAE II Operating LLC	ARNOTT RAMSAY NCT E #13	3500	LOC-NU	Injector Location	1876.83	7/26/1936	12/22/1936	255	37E	21	990 FEL 2310 FNL
300251168500000	BURLESON LEWIS B INCORPORATED	LANEHART 1	3782	PLUGGAS	PLUGGED	1916.07	6/21/1980	10/6/1980	255	37E	21	1650 FWL 1650 FNL
300252681900000	FAE II Operating LLC	B T LANEHART 7	3450	OIL	[33820] JALIMAT-TAN-YATES-7 RVRIS (OIL)	1923.05	11/4/1975	11/9/1975	255	37E	21	330 FEL 1980 FNL
300252514100000	BURLESON & HUFF	ARCO-LANEHART 2	1200	JNK	PLUGGED	2102.62	10/8/1980	3/11/1981	255	37E	16	100 FEL 515 FSL
300252699900000	P & S BRINE SALE LP	ARNOTT RAMSEY STATE #4	1591	PA-Water	PLUGGED	2217.2	12/26/1993	12/28/1993	255	37E	16	93 FEL 581 FSL
3002527900000	P & S BRINE SALE LP	ARNOTT RAMSEY STATE #6	1500	PA-Water	PLUGGED	2257.93	1/7/1991	1/27/1991	255	37E	22	330 FNL 1650 FNL
53105800000	FAE II Operating LLC	AIRPORT 1	3561.9	OIL	[37240] LANGUIE MATTX-7 RVRIS-Q-GRAVBURG	2504.8	9/18/1936	2/27/1937	255	37E	21	660 FNL 600 FNL
51167400000	FAE II Operating LLC	A B COATES B 1	3077	OIL	[33820] JALIMAT-TAN-YATES-7 RVRIS (OIL) ; [79240] JALIMAT-TAN-YATES-7 RVRIS (GAS)	2632.7	12/21/1977	3/3/1978	255	37E	22	660 FNL 660 FNL
52574200000	FAE II Operating LLC	LANEHART 22.1	3655	OIL		2634.95	11/1/1977	1/16/1978	255	37E	16	1980 FEL 1980 FSL
52559700000	OXY USA INC	ARNOTT RAMSAY NCT E 9	3700	PLUGOIL	PLUGGED	2643.84	5/4/1936	6/3/1936	255	37E	21	1979 FSL 1983 F
50977900000	HERMAN L. LOEB LLC	EXXON 1	3448	PLUGGAS	PLUGGED	2649.75	10/3/1978	10/31/1978	255	37E	15	330 FNL 660 FSL
52608400000	PROVIDENCE ENERGY SERVICES INC.-KELTON OP C	FEDERAL X #2	3700	OIL		2661.06	1/18/1951	3/10/1951	255	37E	16	705 FNL 615 FSL
51162700000	GULF OIL CORPORATION	ARNOTT RAMSAY NCT E 3	3125	PLUGOIL	PLUGGED	2890.26			255	37E	16	

Exhibit B8

ARNOTT RAMSAY NCT E #13

API: TBD

UWI/API	OPERATOR	WELL LABEL	TD	WELL TYPE	CURRENT ZONE	Distance from ARNOTT RAMSAY NCT E 13 (Feet)	SPUD DATE	COMP DATE	TOWNSHIP	RANGE	SECTION	FOOTAGE
30025116270000	FAE II Operating LLC	ARNOTT RAMSAY NCT E #13	3500	LOC-INJ	Injector Location	0	TBD	TBD	255	37E	16	636 FSL 2005 FWL
30025116270000	GULF OIL CORPORATION	ARNOTT RAMSAY NCT E 3	3125	PLUGOIL	PLUGGED	1259.46	1/18/1951	3/10/1951	255	37E	16	705 FWL 615 FSL
30025116120000	OXY USA INC	ARNOTT RAMSAY NCT E 2	3153	PLUGGAS	PLUGGED	1300.16	11/4/1939	3/10/1940	255	37E	16	655 FSL 1972 FEL
30025116820000	FAE II Operating LLC	B T LANEHART 3	3091	OIL	[33820] JALMAT; TAN-VATES-7 RVRS (OIL)	1315.39	3/16/1937	5/11/1937	255	37E	21	1980 FWL 660 FNL
30025250470000	OXY USA INC	ARNOTT RAMSAY NCT E 6	3817	PLUGOIL	PLUGGED	1686.65	6/7/1975	9/17/1975	255	37E	16	2310 FWL 2310 FSL
30025116740000	FAE II Operating LLC	A B COATES B 1	3077	OIL	[33820] JALMAT; TAN-VATES-7 RVRS (OIL)	1807.65	9/18/1936	2/27/1937	255	37E	21	660 FWL 600 FNL
30025116260000	GULF OIL CORPORATION	ARNOTT RAMSAY NCT E 4	3400	PLUGOIL	PLUGGED	1864.58	5/1/1953	6/15/1953	255	37E	16	660 FWL 1980 FSL
30025255970000	OXY USA INC	ARNOTT RAMSAY NCT E 9	3700	PLUGOIL	PLUGGED	1873.12	11/1/1977	1/16/1978	255	37E	16	1980 FEL 1980 FSL
30025 INJ LOC15	FAE II Operating LLC	B T LANEHART #13	3500	LOC-INJ	Injector Location	1876.83	TBD	TBD	255	37E	21	684 FNL 1939 FEL
30025116810000	BETTIS BOYLE & STOVALL INC.	LANEHART 4	3101	PLUGOIL	PLUGGED	1925.39	11/14/1937	12/28/1937	255	37E	21	2310 FEL 990 FNL
30025268190000	FAE II Operating LLC	B T LANEHART 7	3450	OIL	[33820] JALMAT; TAN-VATES-7 RVRS (OIL)	2330.19	6/2/1980	10/6/1980	255	37E	21	1650 FWL 1650 FNL
30025255880000	BETTIS BOYLE & STOVALL INC.	B T LANEHART 6	3550	PLUGOIL	PLUGGED	2336.45	9/6/1977	10/21/1977	255	37E	21	1650 FEL 990 FNL
30025116330000	BXP Operating LLC	LANGUE JAL UNIT #093	3520	INJECT	[37240] LANGUE MATTX; 7 RVRS-Q-GRAVBURG	2624.19	6/18/1952	7/24/1952	255	37E	17	660 FEL 660 FSL
30025116330000	FAE II Operating LLC	B T LANEHART 2	2925	OIL	[33820] JALMAT; TAN-VATES-7 RVRS (OIL)	2635.91	6/8/1936	7/25/1936	255	37E	21	1980 FWL 1980 FSL
300254650000	OXY USA INC	ARNOTT RAMSAY NCT E #7	3700	PLUGOIL	PLUGGED	2649.04	3/10/1977	4/8/1977	255	37E	16	660 FEL 610 FSL
300252940000	BASIC ENERGY SERVICES, LP	SALADO 2	1420	PA-Water	PLUGGED	2819.15	8/27/1993	9/22/1993	255	37E	20	60 FEL 1305 FNL
30025153600000	BXP Operating, LLC	LANGUE JAL UNIT #092	3388	OIL	[37240] LANGUE MATTX; 7 RVRS-Q-GRAVBURG	2948.46	11/1/1952	11/25/1952	255	37E	17	660 FEL 1980 FS

Part VI. Continued

Plugged Wellbore Diagrams

VI. Exhibit C1

EXXON 1

API# 30-025-09779

1983 FEL 1979 FSL,

Sec 21, T25S, R37E Lea Co., NM

Well Name: EXXON #001 API: 30-025-09779 Lease Type: FEE
 Location: 1000' FEL & 1000' FEL T-R-Sec-Spot-Lot: 25S-37E-21-J Lease No: _____
 Formation(s): _____ County/State: Lea, NM

Surface Csg

Size: 9-5/8"
 Wt & Thrd: 34# & 8
 Grade: _____
 Set @: 967'
 Sxs cmt: 450 sxs
 Circ: Circ
 TOC: _____
 Hole Size: 12-1/4"

KB: _____
 DF: _____
 GL: 3082'
 Spud Date: 5/4/1936
 Compl. Date: 5/27/1936

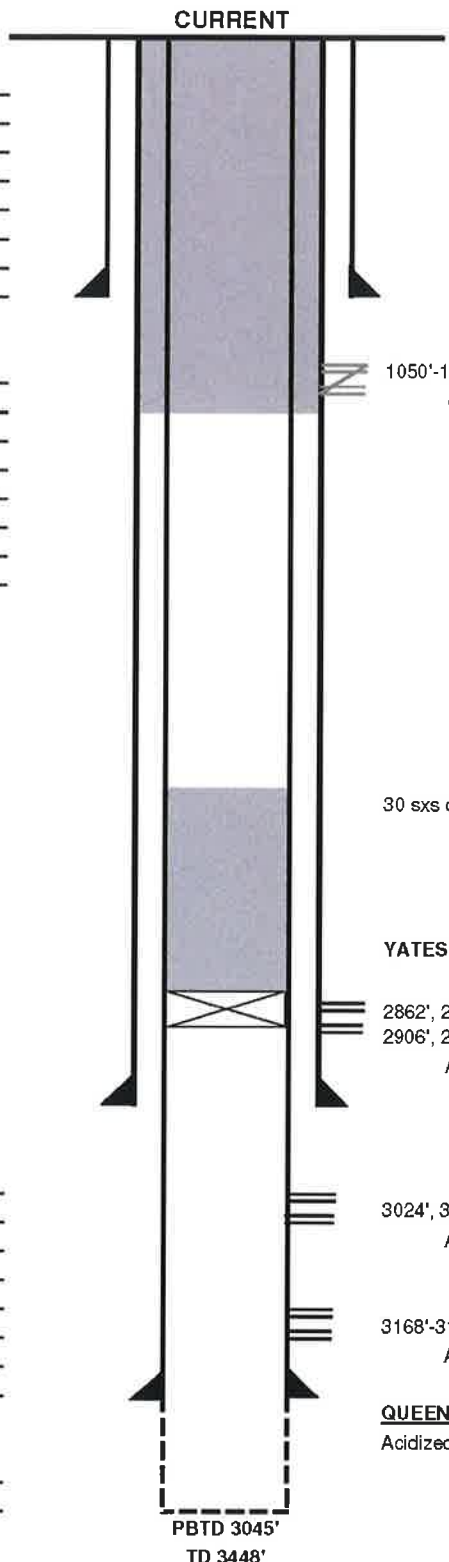
Intermediate Csg

Size: 7"
 Wt & Thrd: 24# & 10
 Grade: _____
 Set @: 2998
 Sxs cmt: 150 sxs
 Circ: _____
 TOC: _____
 Hole Size: 8-3/4"

History - Highlights

- 05-1956: Well D&C
- 06-1940: Replace Prod casing, perf & acidize
- 05-1966: Perf & Acidize & TA
- 10-1968: P&A
- 01-1976: Deepen, Perf & Acidize
- 03-2010: P&A

All info from OCD well files ONLY



1050'-1051'
 circ w/ 370 sxs

30 sxs cmt top @ 2713'

YATES (TOP @ 2792')

CIBP @ 2900'

2862', 2864', 2866', 2870', 2872', 2878', 2882', 2884', 2886', 2888', 2893', 2896', 2902', 2906', 2910', 2914', 2918', 2920', 2928'
 Acidized w/ 1000 gal 15% NE acid

Production Csg

Size: 5"
 Wt & Thrd: 17# & 10
 Grade: _____
 Set @: 3108'
 Sxs Cmt: 150 sxs
 Circ: _____
 TOC: _____
 Hole Size: 6-1/4"

3024', 3026', 3028', 3032', 3036' (10/68); 3016'-3026' (05/76) (1SPF)
 Acidized w/ 1000 gal 15% NE acid; Acidized w/ 750 gal acid

3168'-3181' (23 shts)
 Acidized w/ 200 gal acid

QUEEN (TOP @ 3434')

Acidized w/ 750 gal acid, frac queen w/ 17000 gal wtr, 17,000# sand

PBTD 3045'
 TD 3448'

VI. Exhibit C2

ARNOTT RAMSAY NCT E 2

API# 30-025-11612

1972 FEL 655 FSL,

Sec 16, T25S, R37E Lea Co., NM

Well Name:	<u>ARNOTT RAMSAY NCT E #002</u>	API:	<u>30-025-11612</u>	Lease Type:	<u>STATE</u>
Location:	<u>660' FSL & 1090' FSL</u>	T-R-Sec-Spot-Lot:	<u>25S-37E-16-O</u>	Lease No:	<u>B229</u>
Formation(s):	<u>[79240] JALMAT TANSILL YATES 7R</u>			County/State:	<u>Lea, NM</u>

Surface Csg

Size: 9-5/8"

Wt&Thrd: 25.7#

Grade: 3-gauge

Set @: 280'

Sxs cmt: 250 sxs

Circ: Circ

TOC: Surface

Hole Size: 12-1/4"

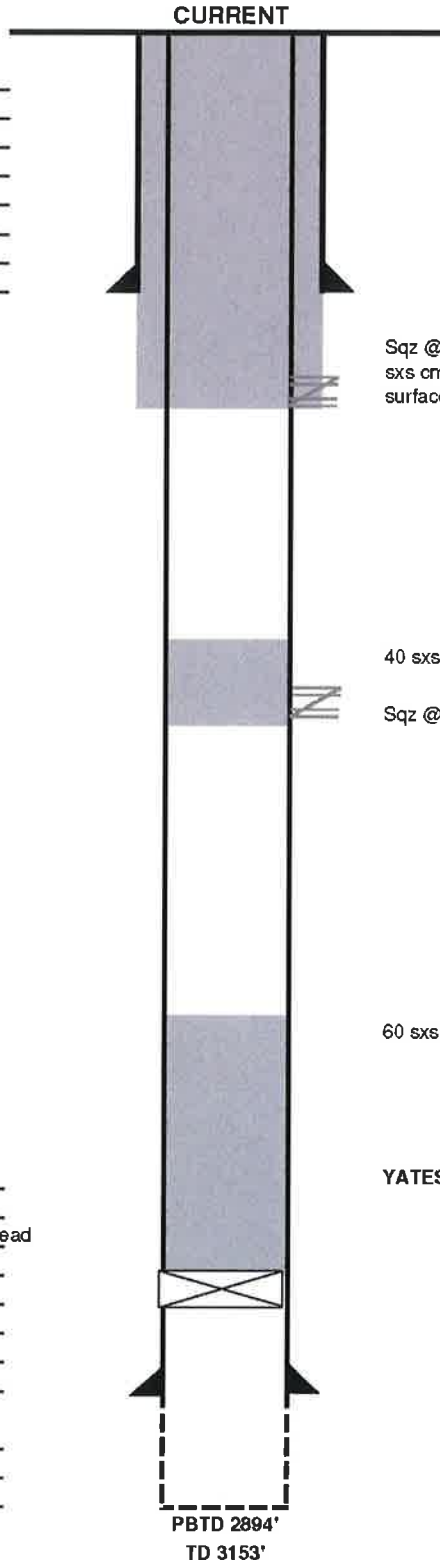
KB: 3097'

DF: 3096'

GL: 3091'

Spud Date: 11/4/1939

Compl. Date: 2/1/1940



History - Highlights

1940-02: Well D&C

2014-02: P&A

All info from OCD well files ONLY

Production Csg

Size: 7"

Wt&Thrd: 20#

Grade: 8-Round Thread

Set @: 2894'

Sxs Cmt: 350 sxx

Circ:

TOC: 565' calc

Hole Size: 8-3/4"

Open Hole

Size: 8-3/4"

Down to: 3153'

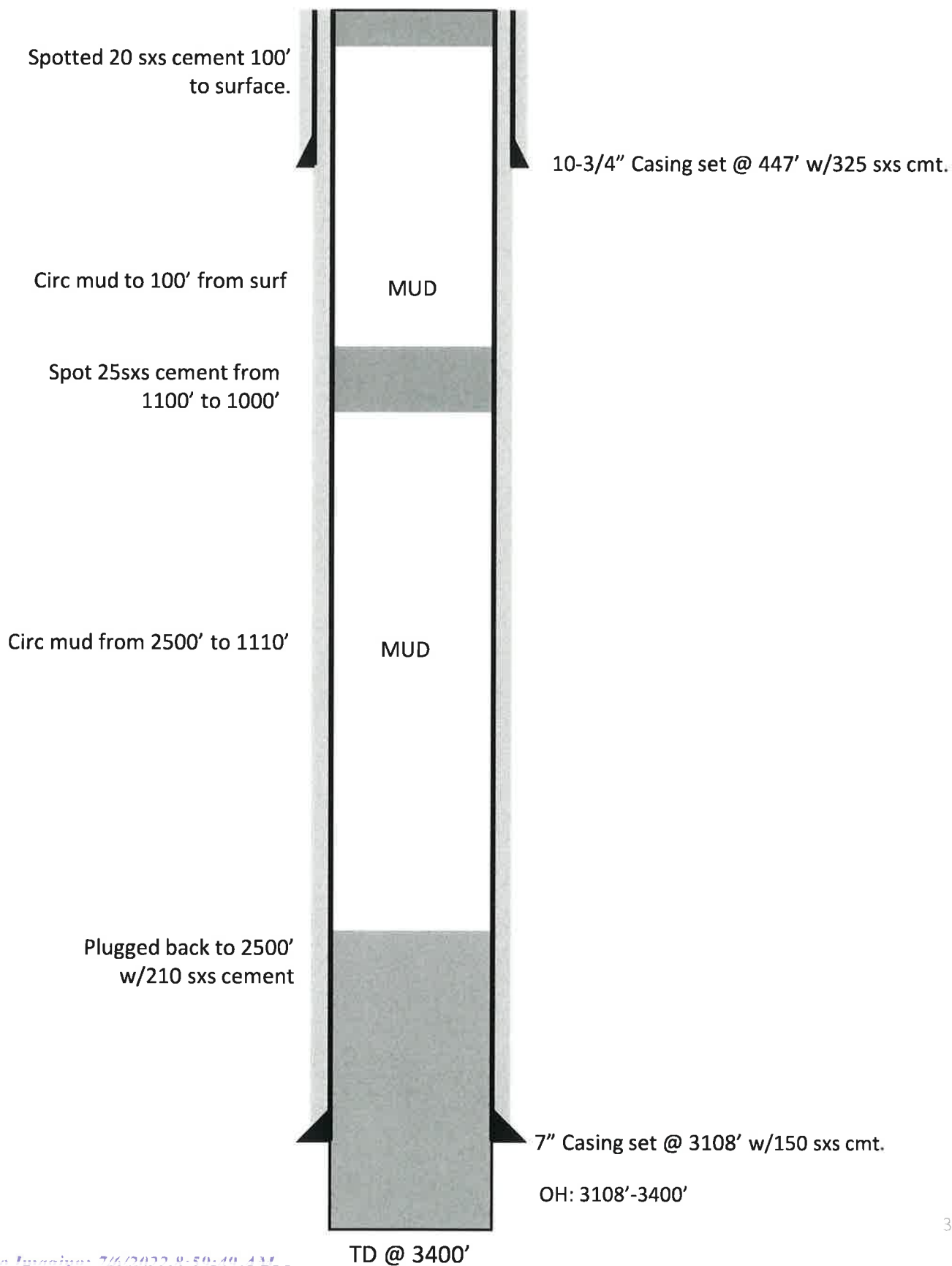
VI. Exhibit C3

ARNOTT RAMSAY NCT E 4

API# 30-025-11626

660 FWL 1980 FSL,

Sec 16, T25S, R37E Lea Co., NM



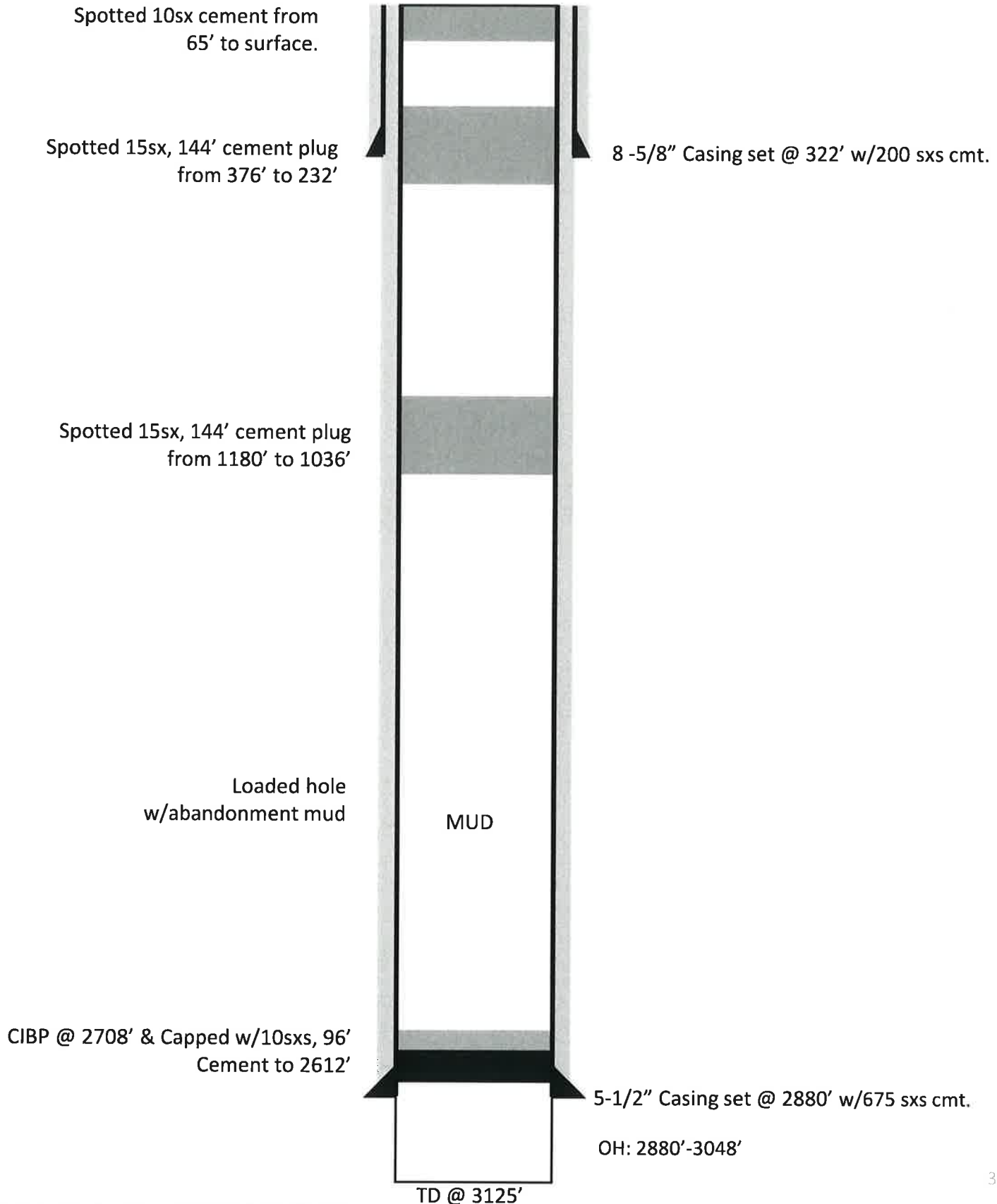
VI. Exhibit C4

ARNOTT RAMSAY NCT E 3

API# 30-025-11627

705 FWL 615 FSL,

Sec 16, T25S, R37E Lea Co., NM

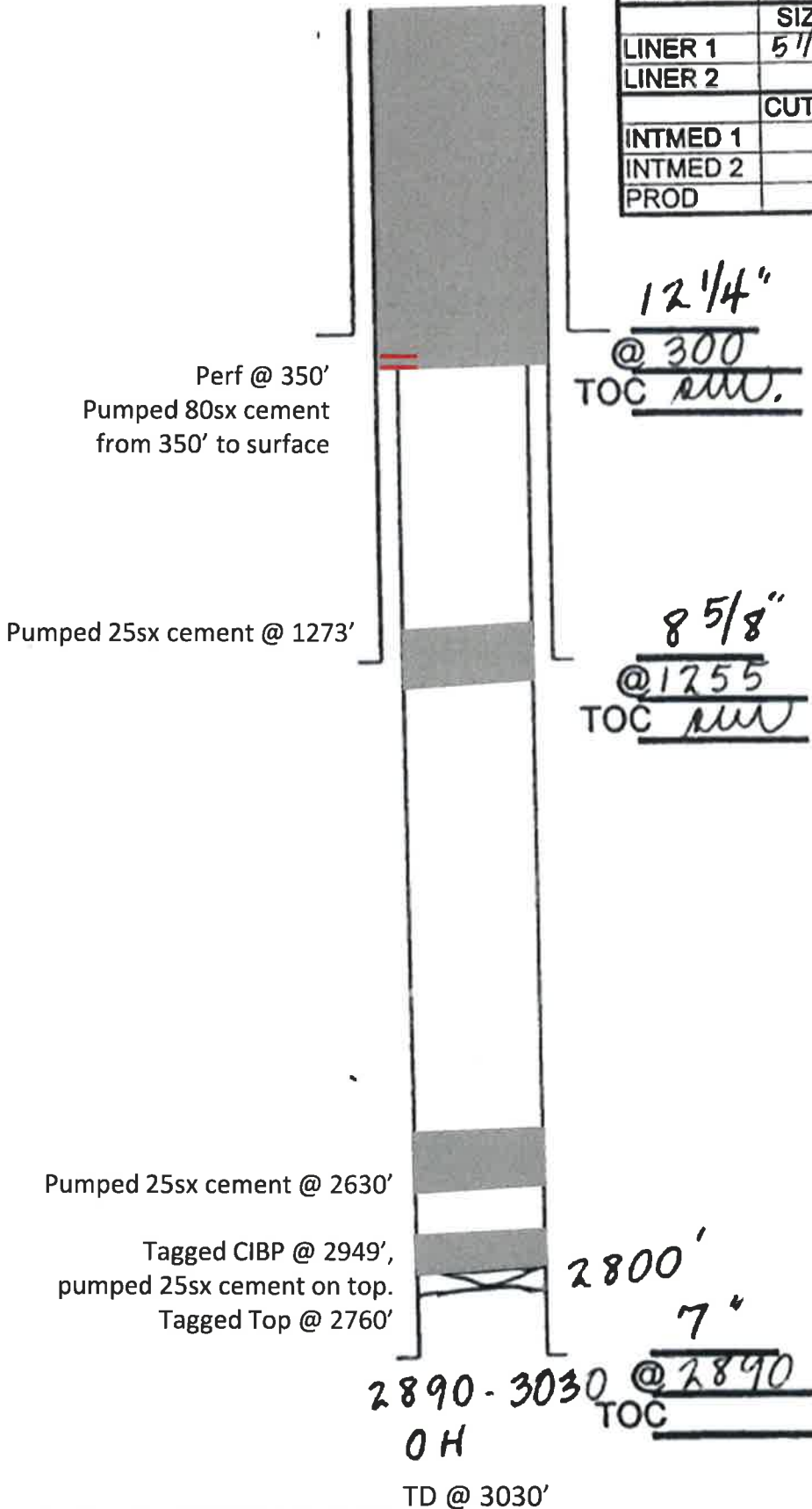


VI. Exhibit C5

B M JUSTIS A #2

API# 30-025-11668
 660 FEL 1980 FNL,
 Sec 20, T25S, R37E Lea Co., NM

	SIZE	SET @	TOC	TOC DETERMINED BY	
SURFACE	12 1/4"	300	RM	CM	
INTMED 1	8 5/8"	1255	RM	CM	
INTMED 2					
PROD	7"	2890		(75 24)	
	SIZE	TOP	BOT	TOC	DETERMINED BY
LINER 1	5 1/2"	2860	3030		
LINER 2					
	CUT & PULL @		TOP - BOTTOM		
INTMED 1			PERFS	-	
INTMED 2			OPENHOLE	2890 - 3030	
PROD					



Perf @ 350'
 Pumped 80sx cement
 from 350' to surface

Pumped 25sx cement @ 1273'

Pumped 25sx cement @ 2630'

Tagged CIBP @ 2949',
 pumped 25sx cement on top.
 Tagged Top @ 2760'

2800'
 7"
 2890 - 3030 @ 2890
 OH TOC

TD @ 3030'

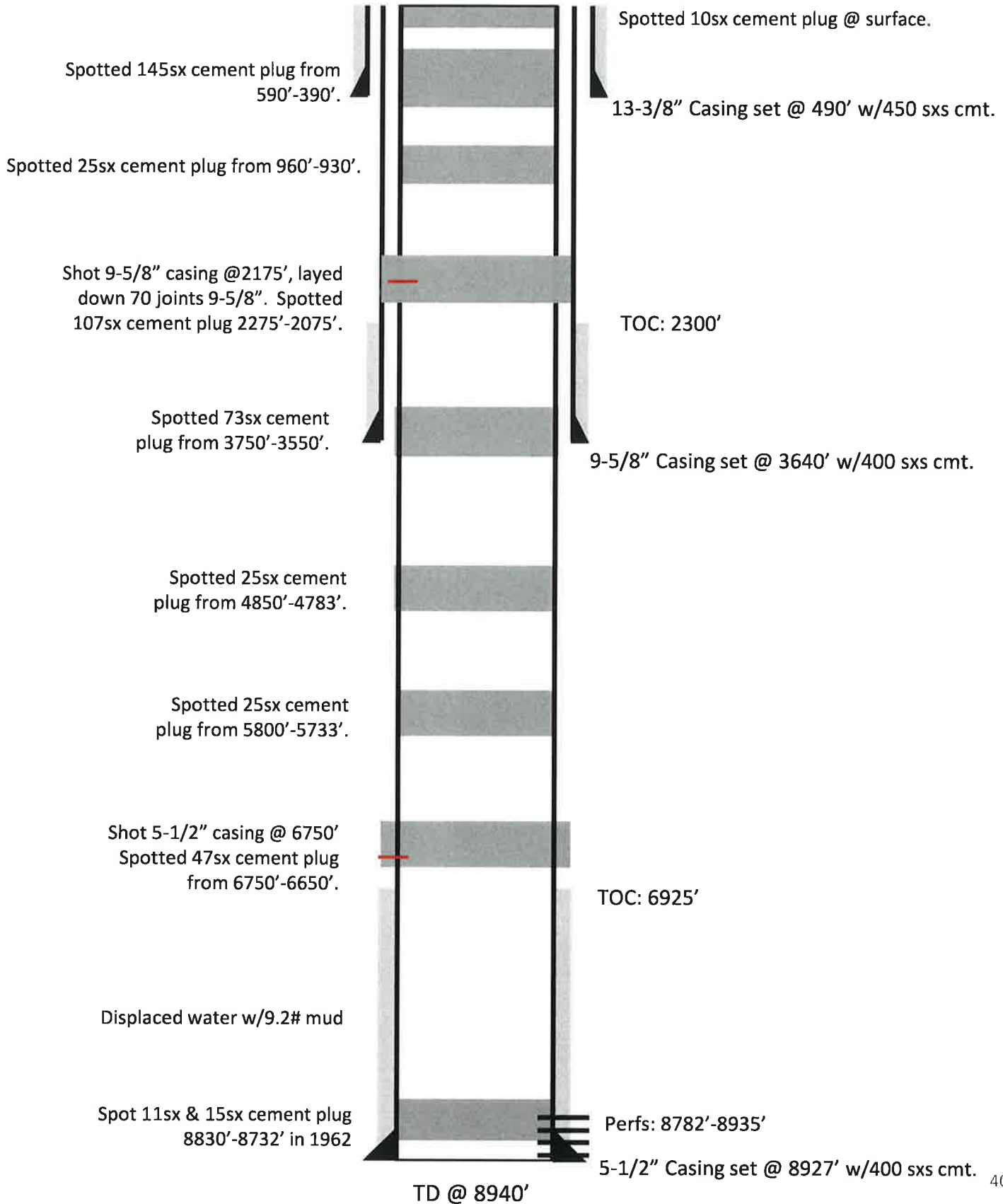
VI. Exhibit C6

LANEHART 3

API# 30-025-11672

330 FEL 330 FSL,

Sec 20, T25S, R37E Lea Co., NM



VI. Exhibit C7

HADFIELD 2

API# 30-025-11675

660 FEL 660 FSL,

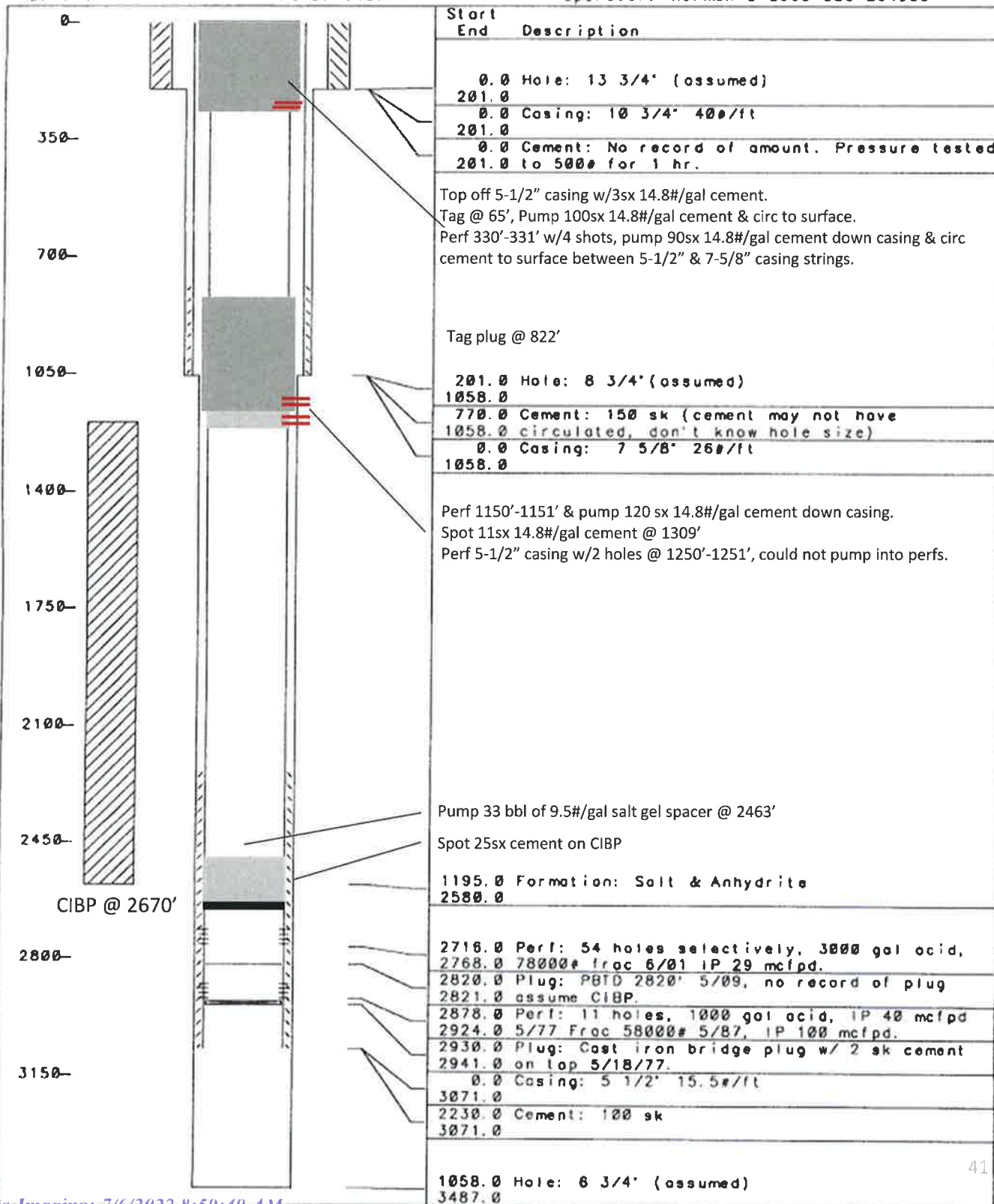
Sec 21, T25S, R37E Lea Co., NM

Lease: Hadfield
Well #: 2

Permit: 30-025-11675
Location: P 660 FSL 660 FEL 21-25S-37E
County: Lea
State: New Mexico
Field: Jalmat
Operator: Herman L Loeb LLC 264953

Diagram: 09/11/2009
Elev KB: 3051
TD: 3487

Comp Date: 12/01/1948
Elev GL: 3051
PBTD: 3487



VI. Exhibit C8

HADFIELD 1

API# 30-025-11676

1980 FEL 660 FSL,

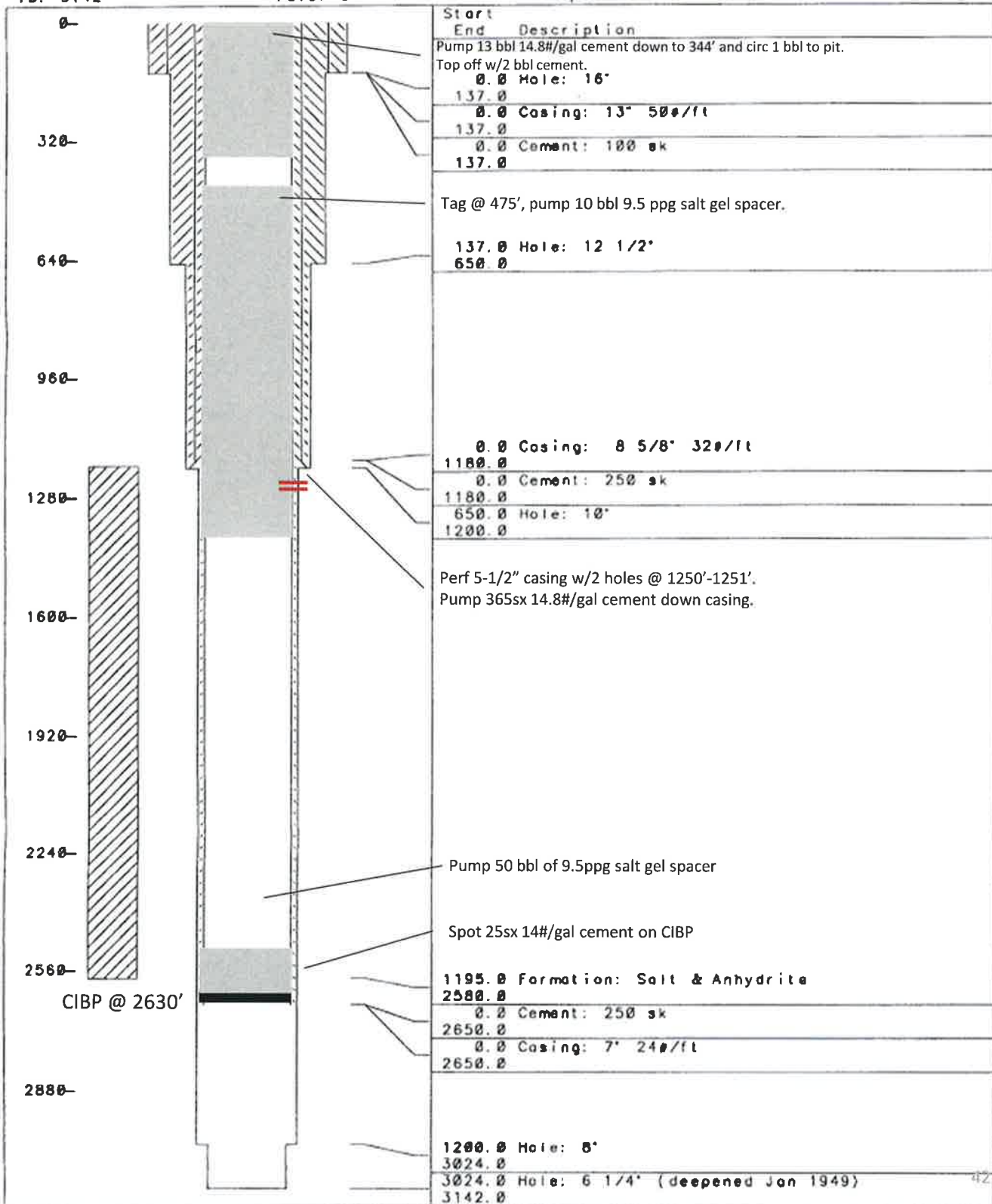
Sec 21, T25S, R37E Lea Co., NM

Lease: Hadfield
Well #: 1

Permit: 30-025-11676
Location: 660 FSL 1980 FEL 21-25S-37E
County: Lea
State: New Mexico
Field: Jalmat
Operator: Herman Loeb

Diagram: 07/14/2009
Elev KB: 0
TD: 3142

Comp Date: 02/23/1947
Elev GL: 3053
PBD: 0



CIBP @ 2630'

VI. Exhibit C9

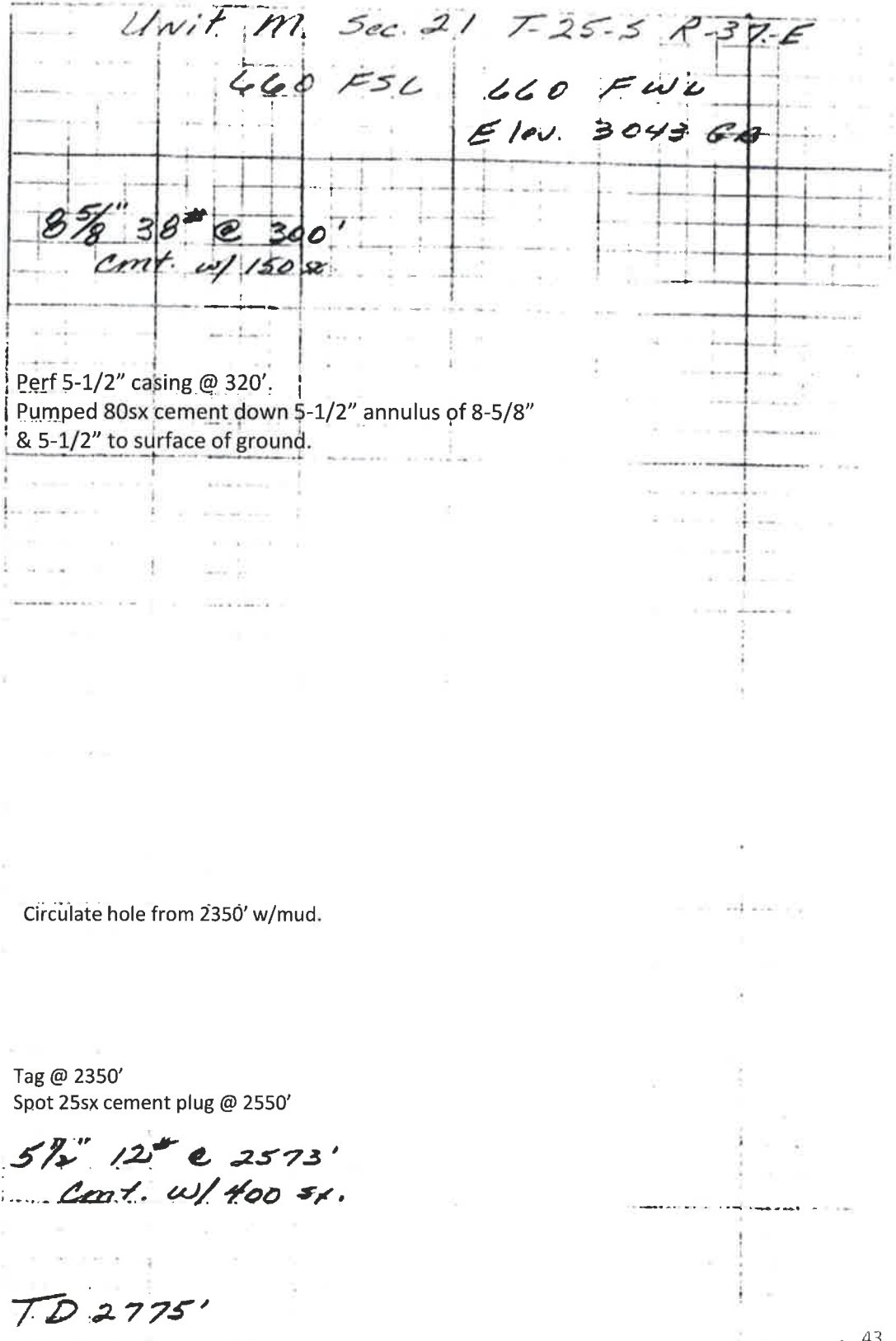
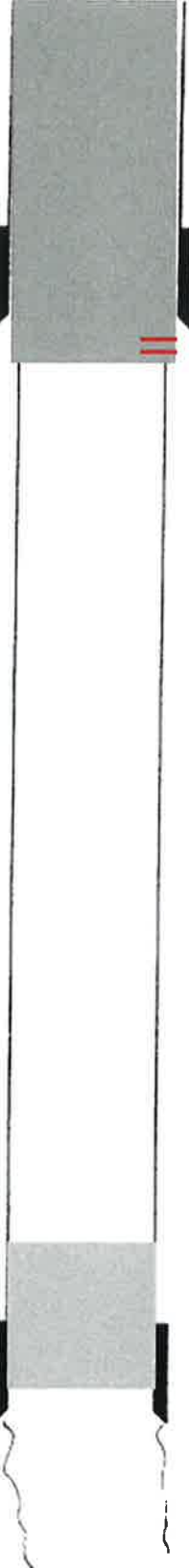
LANEHART #1

API# 30-025-11678

660 FWL 660 FSL,

Sec 21, T25S, R37E Lea Co., NM

DATE 5-15-91 WELL NO. 1 LEASE LANEHART FIELD JALMUT



Perf 5-1/2" casing @ 320'.
Pumped 80sx cement down 5-1/2" annulus of 8-5/8"
& 5-1/2" to surface of ground.

Circulate hole from 2350' w/mud.

Tag @ 2350'
Spot 25sx cement plug @ 2550'

5 7/8" 12" @ 2573'
Cmt. w/ 400 st.

T.D 2775'

VI. Exhibit C10

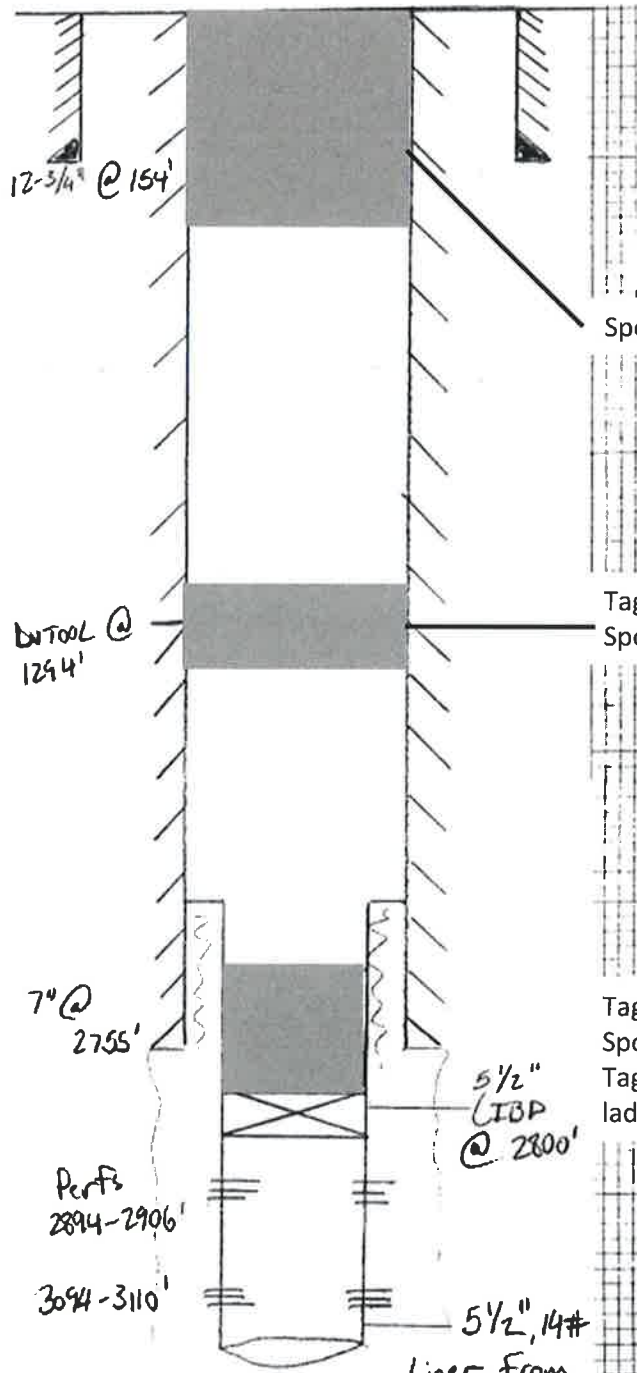
B T LANEHART 5

API# 30-025-11679

2310 FEL 2310 FNL,

Sec 21, T25S, R37E Lea Co., NM

Lease B.T. LANEHART Well No. 5 County LEA
 Location G:2310 FNL 2300 FEL State NM
SEC 21 TOWNSHIP 25S RANGE 37E Spud Date 9-15-55
 GL 3075 DF _____ KB _____ Comp. Date _____



Conductor _____
 Hole Size _____
 Cement _____

Surface 12-3/4" 40# @ 154'
 Hole Size 17"
 Cement Cont'd w/ 150 SX
CIRCULATED TO SURFACE

Spot 50sx @ 204' & circulate to surface.

Tag plug @ 1200'.
 Spot 30sx @ 1344'.

Tag plug @ 2630'.
 Spot 30sx @ 2800'.
 Tagged CIBP @ 2800', circ hole w/ mud laden fluid.

Prod. Csg. 7" 20# @ 2755'
 Hole Size 8"
 Cement Cont'd w/ 150 SX
 Dn Tool @ 1294' + cont'd w/ 150 SX
 Total Depth 3143' P.B. 2910'

5 1/2" 14#
 Liner From
2704 - 3143'
 cont'd w/ 60 SX

Dn Tool @ 1294'

7" @ 2755'

Perfs 2894-2906'

3094-3110'

5 1/2" CIBP @ 2800'

VI. Exhibit C11

B T LANEHART 1

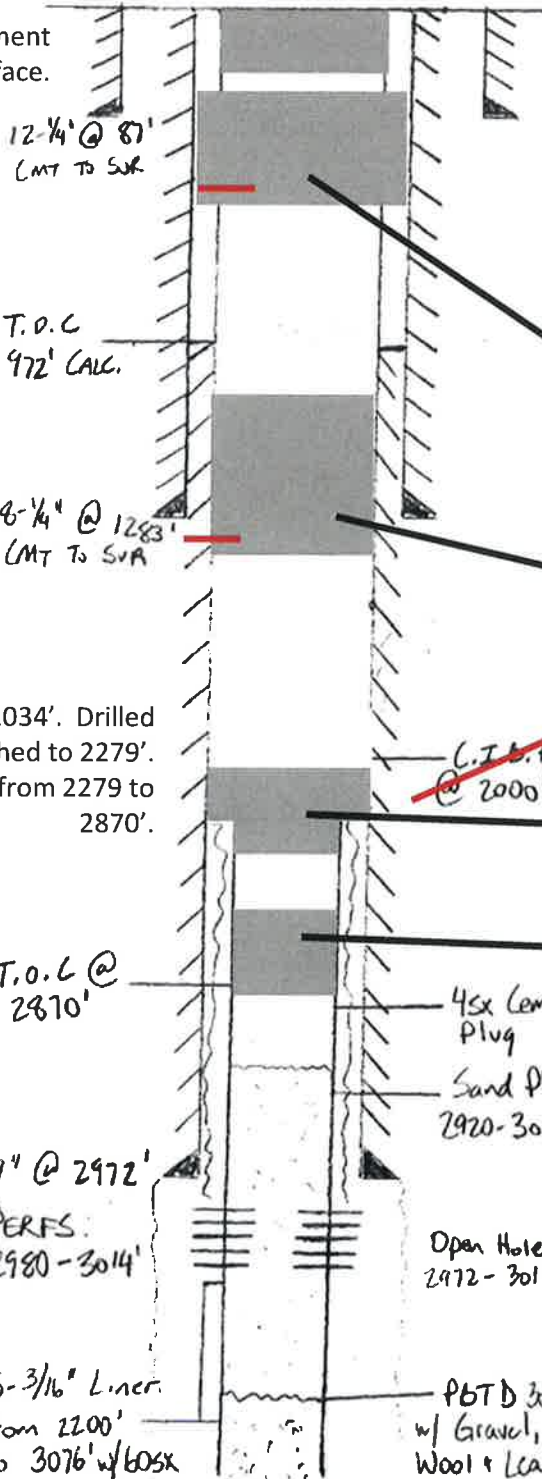
API# 30-025-11680

1980 FEL 1980 FNL,

Sec 21, T25S, R37E Lea Co., NM

Lease B T LANEHART Well No. 1 County LEA
 Location UNIT G, 1980' FNL 1980 FEL State NM
SEC 21, TOWNSHIP 25S, RANGE 37E Spud Date 4-15-36
 GL 3079 DF _____ KB _____ Comp. Date 04-01-36

Pump 20 sx cement from 60' to surface.



Conductor	12-1/4" @ 87'
Hole Size	
Cement	50 SX
CIRC TO SURFACE	
Surface	8-1/4" @ 1283'
Hole Size	
Cement	330 SX
CIRC TO SURFACE	

Tagged plug @ 84'
Perf casing @ 300' & squeeze 100 sx cement. No Tag, re-squeezed 100 sx.

Tagged plug @ 1180'
Perf 7" casing @ 1333' & squeeze 35 sx cement.

Tagged plug @ 2068'.
Spotted 25sx cement @ 2250'.

Tagged plug @ 2678'.
Spotted 25sx cement @ 2870'.

Prod. Csg.	7", 24# @ 2972'
Hole Size	
Cement	125 SX
Total Depth	3446' P.B.T.D. 3014'

Tag CIBP @ 2034'. Drilled through & pushed to 2279'. Drilled down from 2279 to 2870'.

Open Hole 2972-3014

PERFS. 2980-3014'

5-3/16" L.ner. from 2200' to 3076' w/ 60sx

P.B.T.D. 3014' w/ Gravel, Wool & Lead

VI. Exhibit C12

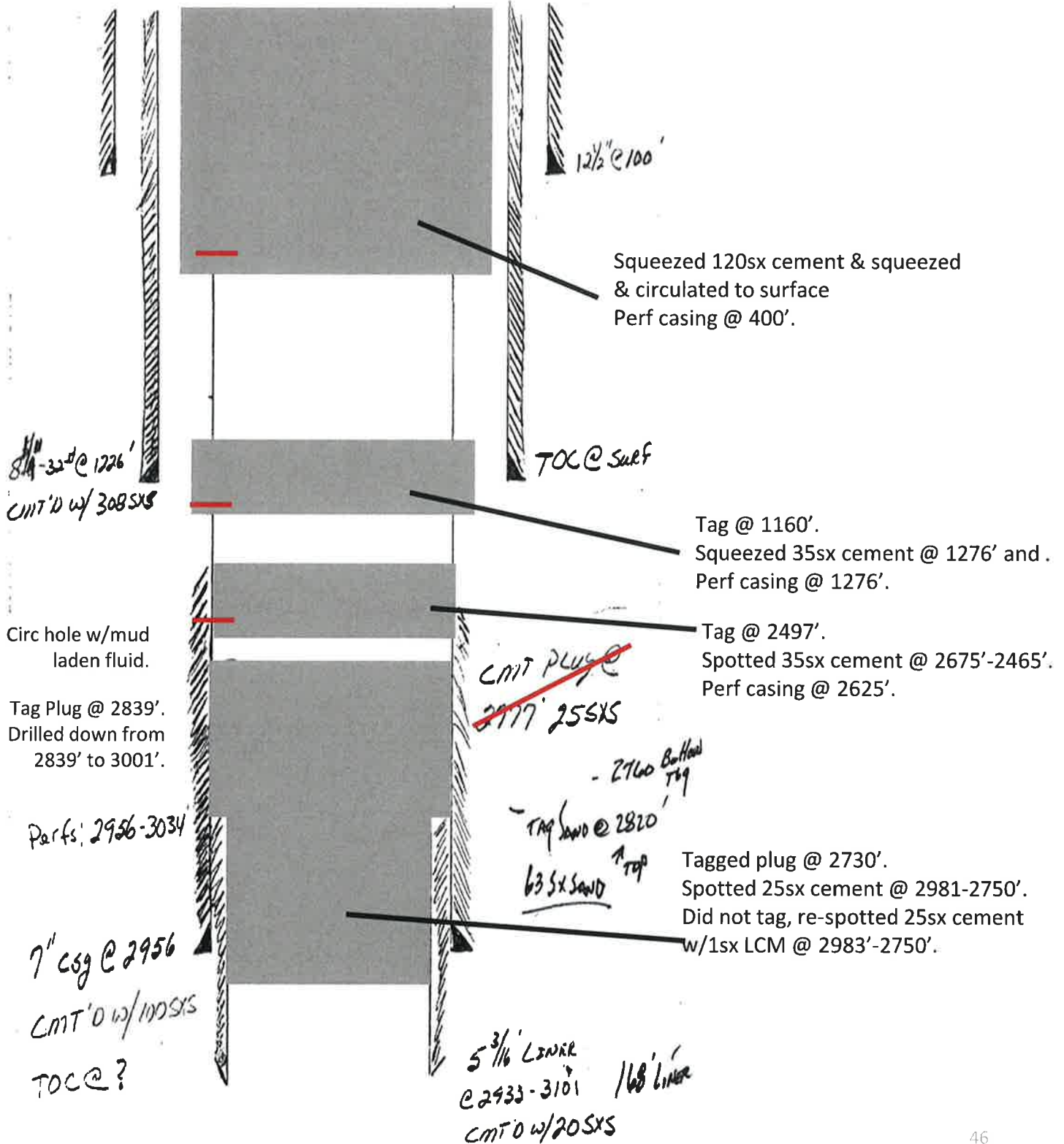
LANEHART 4

API# 30-025-11681

2310 FEL 990 FNL,

Sec 21, T25S, R37E Lea Co., NM

B.T. LANEHART No. 4
30-025-11681



VI. Exhibit C13

CARLSON 2

API# 30-025-11683

660 FWL 1980 FNL,

Sec 21, T25S, R37E Lea Co., NM

Spotted 10sx cement plug
from 25' to surface.

20" Casing set @ 105' w/400 sxs cmt.

Spotted 30sx cement from
1150'-1050'.
Cut & Pulled 1150' of 7" csg.

8-5/8" Casing set @ 1265' w/300 sxs cmt.

Spot 25 sx cmt from 2810'-2700'.

7" Casing set @ 2852' w/100 sxs cmt.

OH: 2852'-3020'

TD @ 3020'

VI. Exhibit C14

LANEHART 3

API# 30-025-11684

990 FWL 2310 FSL,

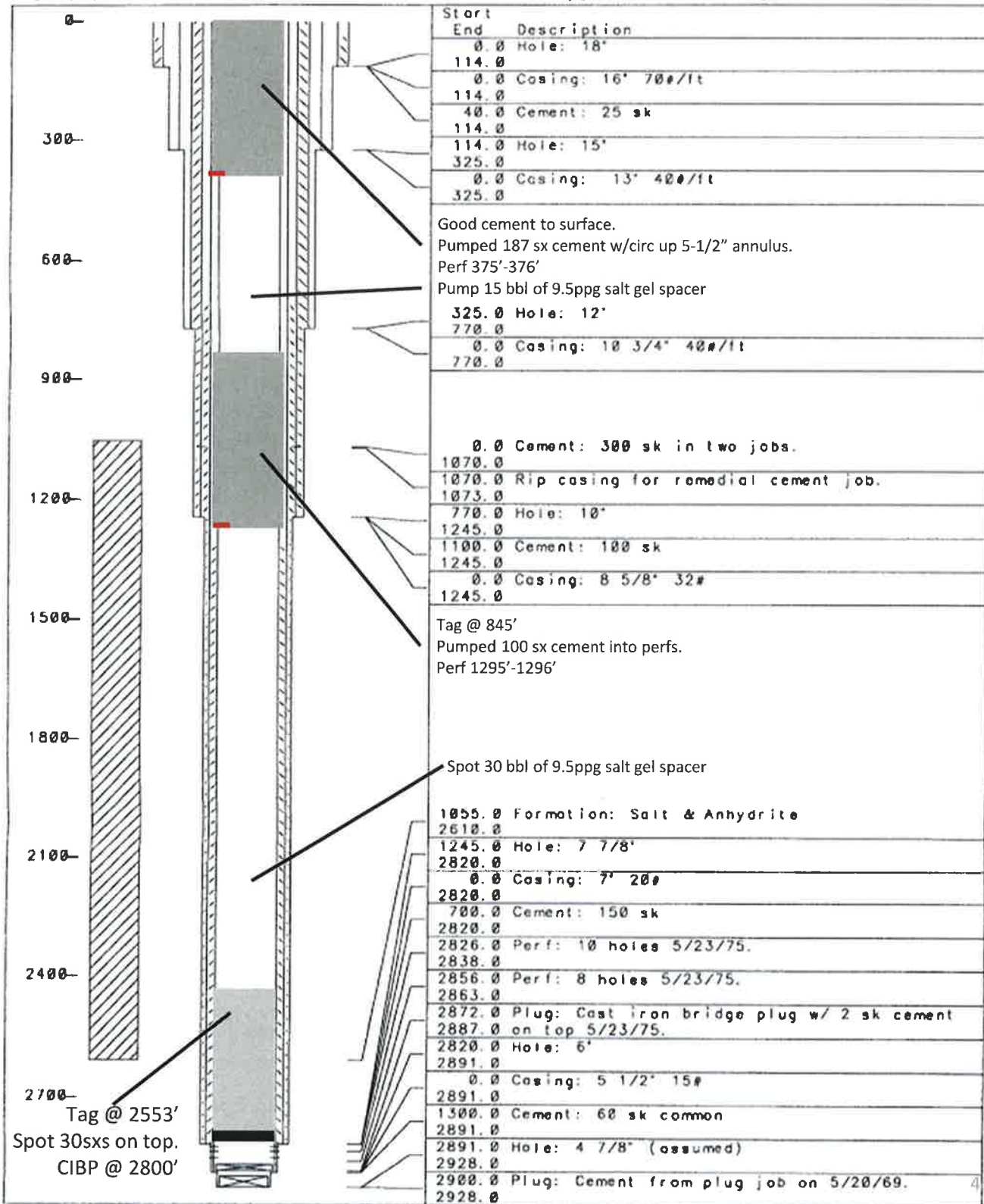
Sec 21, T25S, R37E Lea Co., NM

Lease: Lanehart
Well #: 3

Permit: 30-025-11684
Location: NE NW SW 21-25S-37E
County: Lea
State: New Mexico
Field: Jalmat
Operator: Herman Loeb

Diagram: 07/22/2009
Elev KB: 3054
TD: 2928

Comp Date: 09/28/1937
Elev GL: 3054
PBD: 0



Tag @ 2553'
Spot 30sxs on top.
CIBP @ 2800'

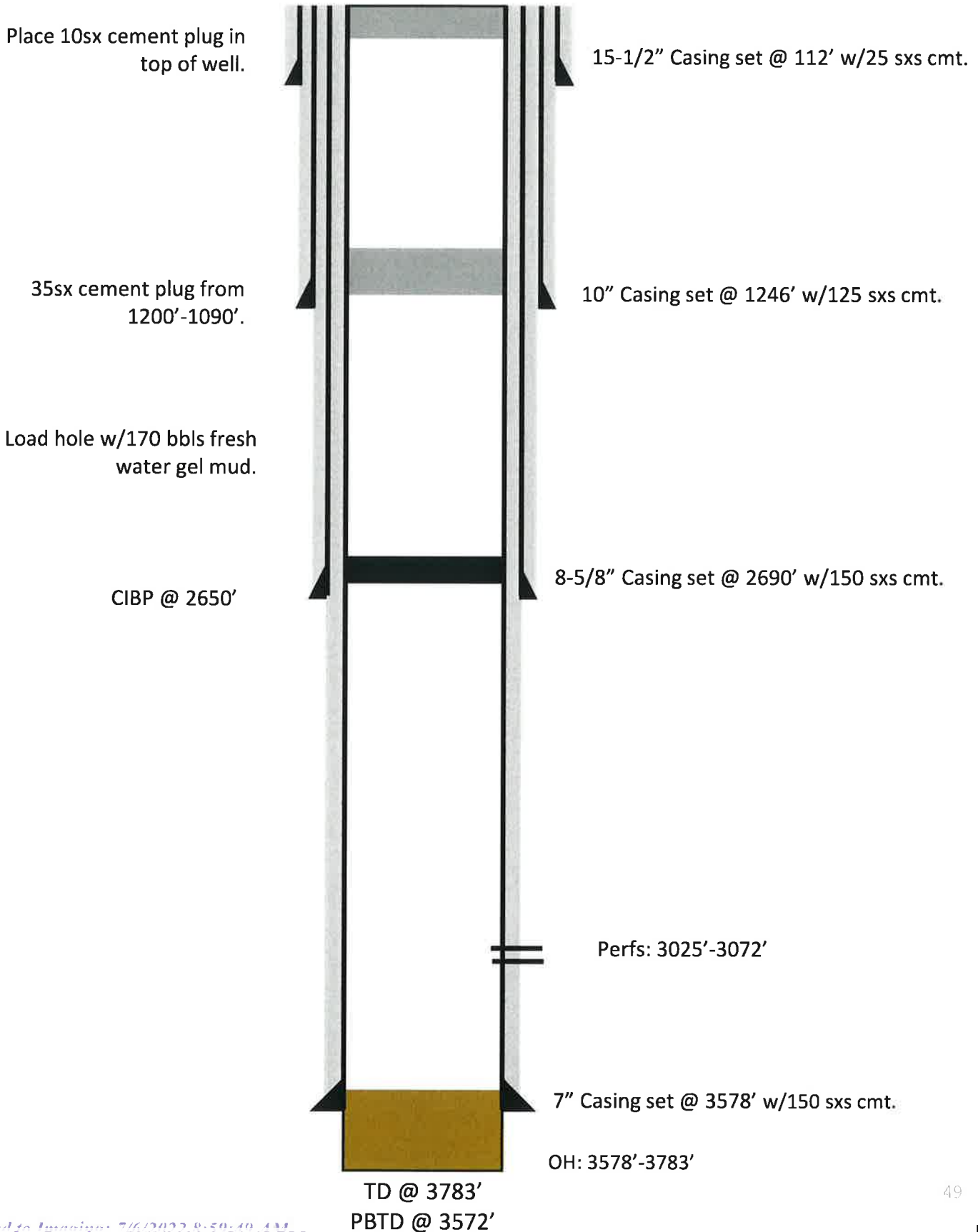
VI. Exhibit C15

LANEHART 1

API# 30-025-11685

990 FEL 2310 FNL,

Sec 21, T25S, R37E Lea Co., NM



VI. Exhibit C16

AZTEC 1

API# 30-025-11686
 1977 FWL 1972 FSL,
 Sec 21, T25S, R37E Lea Co., NM

Well Name: AZTEC #001 API: 30-025-11686 Lease Type: FEE
 Location: 1000' FGL & 1000' FWL T-R-Sec-Spot-Lot: 25S-37E-21-K Lease No: _____
 Formation(s): LANGLIE-MATTIX County/State: Lea, NM

Surface Csq

Size: 9-5/8"
 Wt & Thrd: 34# 8THRDS/IN
 Grade: _____
 Set @: 980'
 Sxs cmt: 450 sxs
 Circ: Circ
 TOC: Surface
 Hole Size: 12"

Intermediate Csq

Size: 7"
 Wt & Thrd: 24# 10 thrds/in
 Grade: _____
 Set @: 3010' 8"
 Sxs cmt: 150 sxs
 Circ: _____
 TOC: _____
 Hole Size: 8-3/4"

CIBP @ 2900'

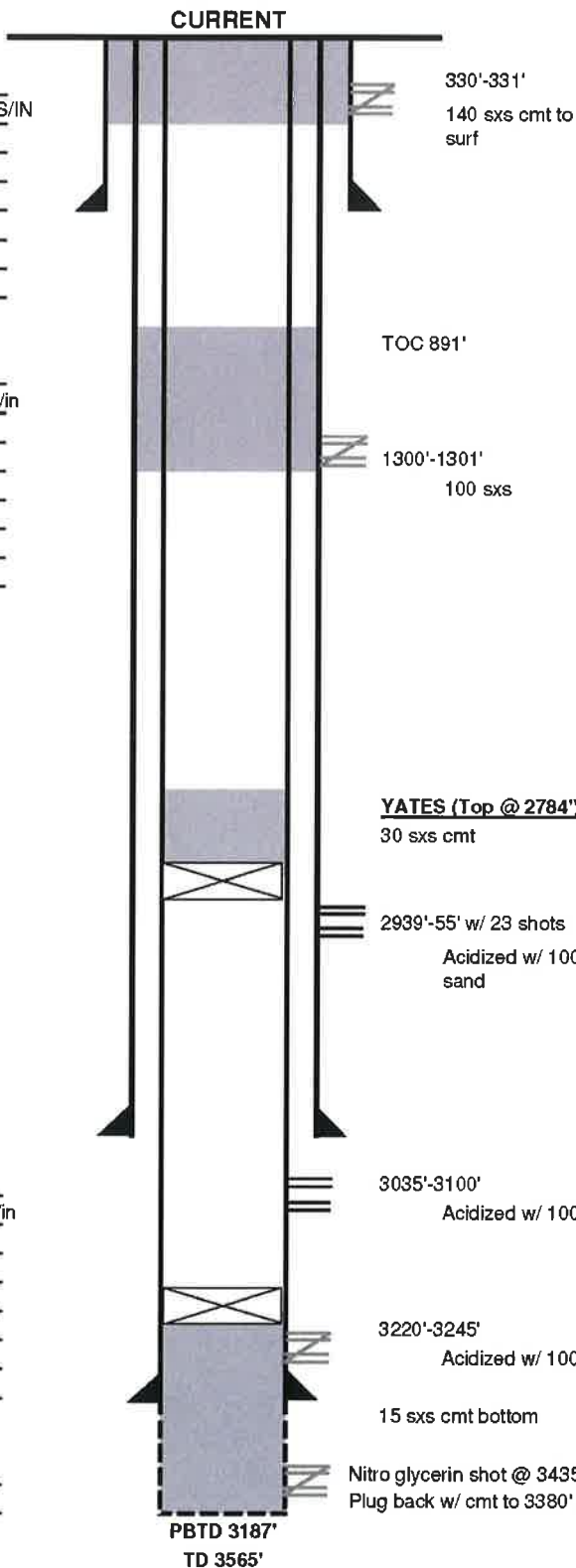
CIBP @ 3187'

Production Csq

Size: 5-1/2"
 Wt & Thrd: 17# 10 thrds/in
 Grade: _____
 Set @: 3250'
 Sxs Cmt: 100 sxs
 Circ: _____
 TOC: _____
 Hole Size: 6-1/2"

Open Hole

Size: _____
 Down to: 3435'



KB: _____
 DF: 3057' 10"
 GL: 3068'
 Spud Date: 5/2/1936
 Compl. Date: 6/14/1936

History - Highlights

- 06-1936: Well D&C
- 01-1940: Acidized
- 11-1947: Perf and Acidized
- 05-1950: Shut In
- 07-1950: Plug back and acidized
- 09-1984: Perf, acidized, frac
- 01-2010: P&A

All info from OCD well files ONLY

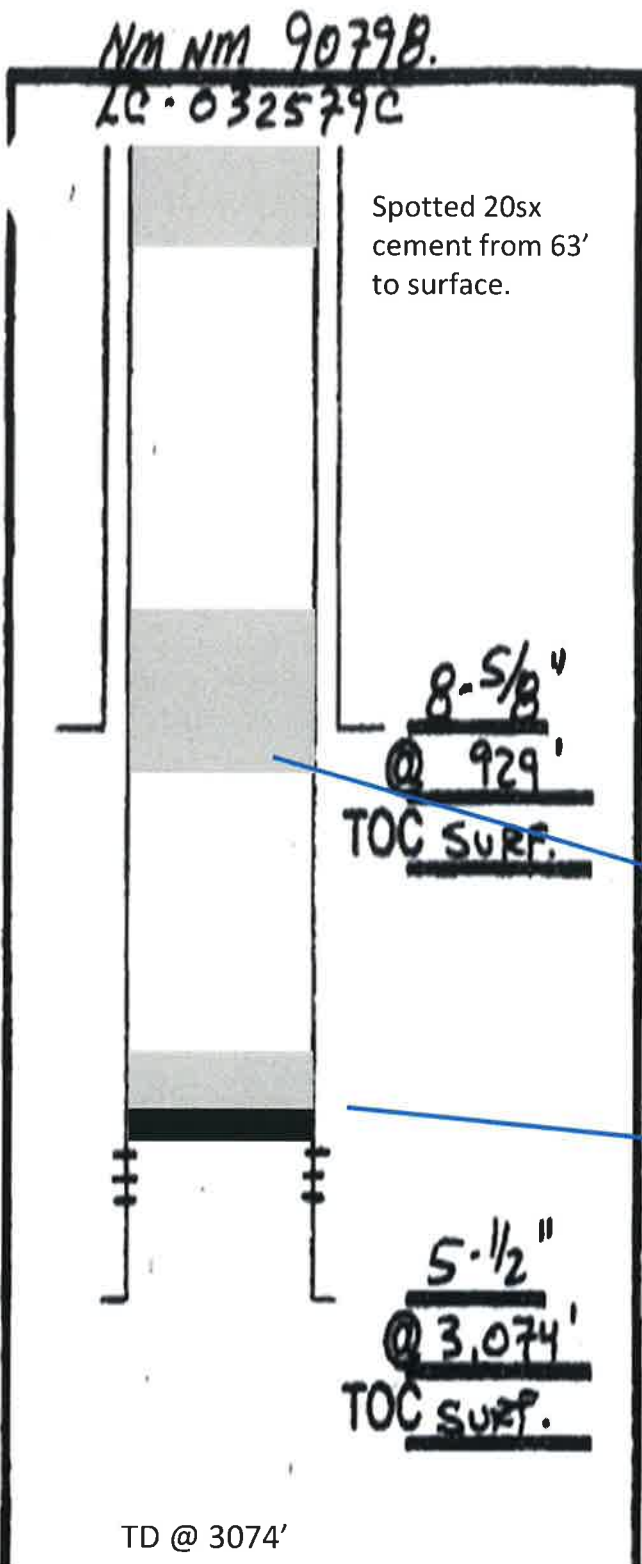
VI. Exhibit C17

CARLSON HARRISON FEDERAL COM 1

API# 30-025-11692

660 FWL 1980 FSL,

Sec 22, T25S, R37E Lea Co., NM



OPERATOR GRUY PETROLEUM MANAGEMENT Co.
 LEASENAME CARLSON-HARRISON FED. Com
 WELL # 1
 SECT 28 TWN 25S RNG 37E
 FROM 1,980' N/S L 660' E/W L
 TD: 3,074' FORMATION @ TD YATES / 7-RUNGS
 PBTD: _____ FORMATION @ PBTD _____

	SIZE	SET @	TOC	TOC DETERMINED BY
SURFACE	8-5/8"	929'	SURF.	CIRC.
INTMED 1				
INTMED 2				
PROD	5-1/2"	3,074'	SURF.	CIRC.
	SIZE	TOP	BOT	TOC DETERMINED BY
LINER 1				
LINER 2				
	CUT & PULL @		TOP - BOTTOM	
INTMED 1			PERFS	2,822' - 3,062'
INTMED 2			OPENSOLE	"
PROD				

Spotted 25sx cement @ 1000' & Tag @ 770'.

CIBP @ 2750' w/20sx cement on top.

VI. Exhibit C18

LANEHART A 1

API# 30-025-11813
1980 FEL 825 FNL,
Sec 28, T25S, R37E Lea Co., NM

COMPANY: *Herman Loch LLC*
WELL NAME: *Lanehart A #1*
LEGALS: *Sec 28 / 25 S / 37 E*
Unit letter B
API# 30-025-11813

Pump 25sx cement to surface.
Perf 60'-61'

Spot 7 bbl 9.5 ppg salt spacer.
Tag @ 228'
Spot 45sx cement @ 506'

Perf 400'-401' & couldn't pump in
Spot 22 bbl 9.5 ppg salt spacer.
Spotted 30sxs cement @ 1107'

OV Tool ← → *Cmt dw/150 sks*

Top of Salt
1050'

Spot 45 bbl 9.5 ppg salt spacer.

Base of Salt
2480'

8 1/4" Hole
Cmt dw/150 sks

Line top squeezed
w/50 sks

Set @ 2630'

Tag @ 2234'
Spotted 30sxs cement @ 2689'.
Spot 3 bbl 9.5 ppg salt spacer.

8 1/4" open hole
2930'

Tag plug @ 2852'
CIBP @ 3282' w/45sxs cement on top.

9.5 # 4 1/2" CSG
6 1/4" Hole
Cmt dw/62 sks

324.2'
Perf ↑
327.5'

Set @ 3320'

VI. Exhibit C19

SALINE 3

API# 30-025-22813

465 FEL 220 FSL,

Sec 16, T25S, R37E Lea Co., NM

Circulated cement to surface

CIBP @ 1145'

7" Casing set @ 1223' w/200 sxs cmt.

OH: 1223'-1511'

TD @ 1511'

VI. Exhibit C20

ARNOTT RAMSAY NCT E 6

API# 30-025-25047

2310 FWL 2310 FSL,

Sec 16, T25S, R37E Lea Co., NM

Arnott Ramsey NCT E #6

API No. 30-025-25047

Circulated to surface.
Perf @ 300' & Pump 100sx cement.

11" hole @ 1120'
8-5/8" csg @ 1120'
w/ 435sx-TOC-Surf-Circ

Tag @ 816'
Perf @ 1170' & Pump 50sx cement.

TOC @ 2480'
Spot 25 sx cmt on top.

2009-CIBP @ 2880'

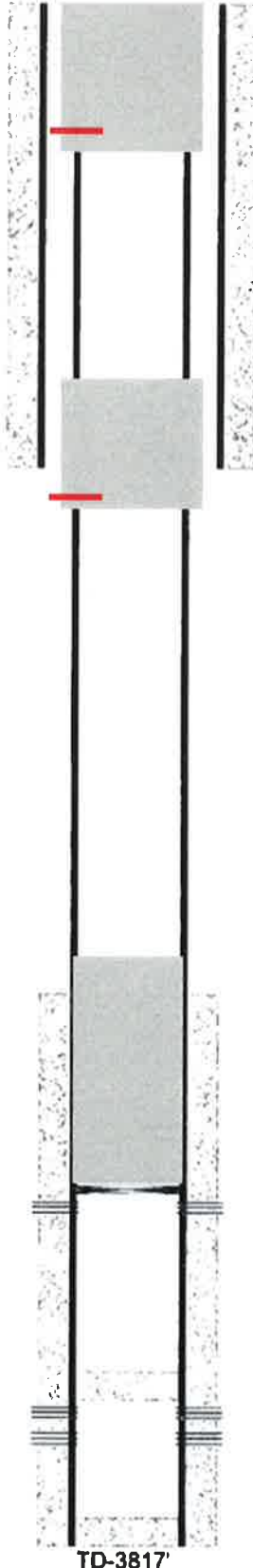
Tag CIBP @ 2858'

Perfs @ 2929-3030'

9/75-PBTD-3357'

7-7/8" hole @ 3817'
4-1/2" csg @ 3817'
w/ 350sx-TOC-2550'-TS

Perfs @ 3412-3646'



TD-3817'

VI. Exhibit C21

ARCO 1

API# 30-025-25071

330 FEL 990 FNL,

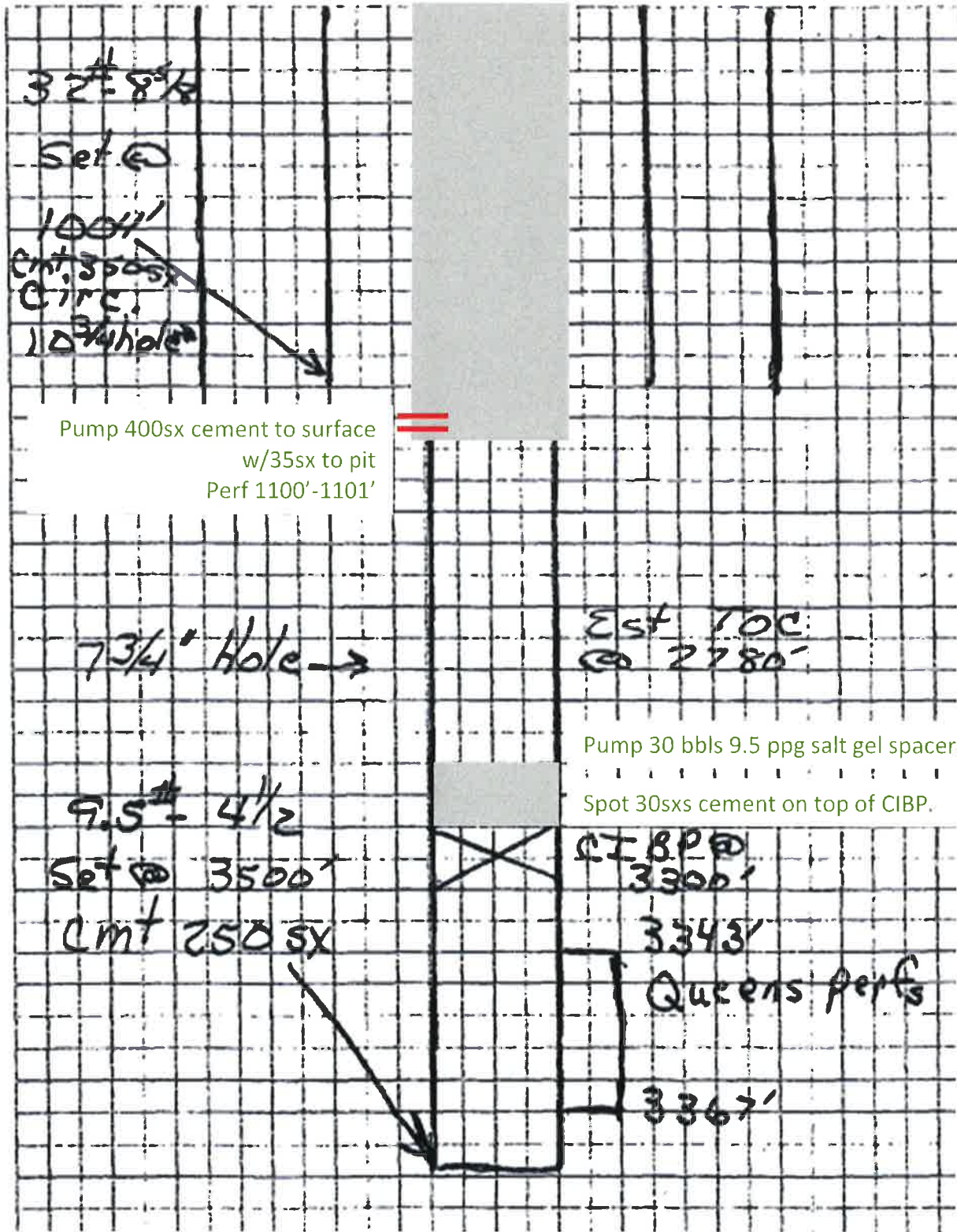
Sec 21, T25S, R37E Lea Co., NM

COMPANY: Herman L. Loeb

WELL NAME: Arco #1

LEGAL: 21-25S-37E

API 30-025-25071



VI. Exhibit C22

ARCO-LANEHART 2

API# 30-025-25141

330 FEL 1980 FNL,

Sec 21, T25S, R37E Lea Co., NM

Set 10sx cement plug at surface

CIBP @ 300' w/ "cement cap"

CIBP @ 930' w/ "cement cap"

8-5/8" Casing set @ 937' w/350 sxs cmt.

OH: 937'-1200'

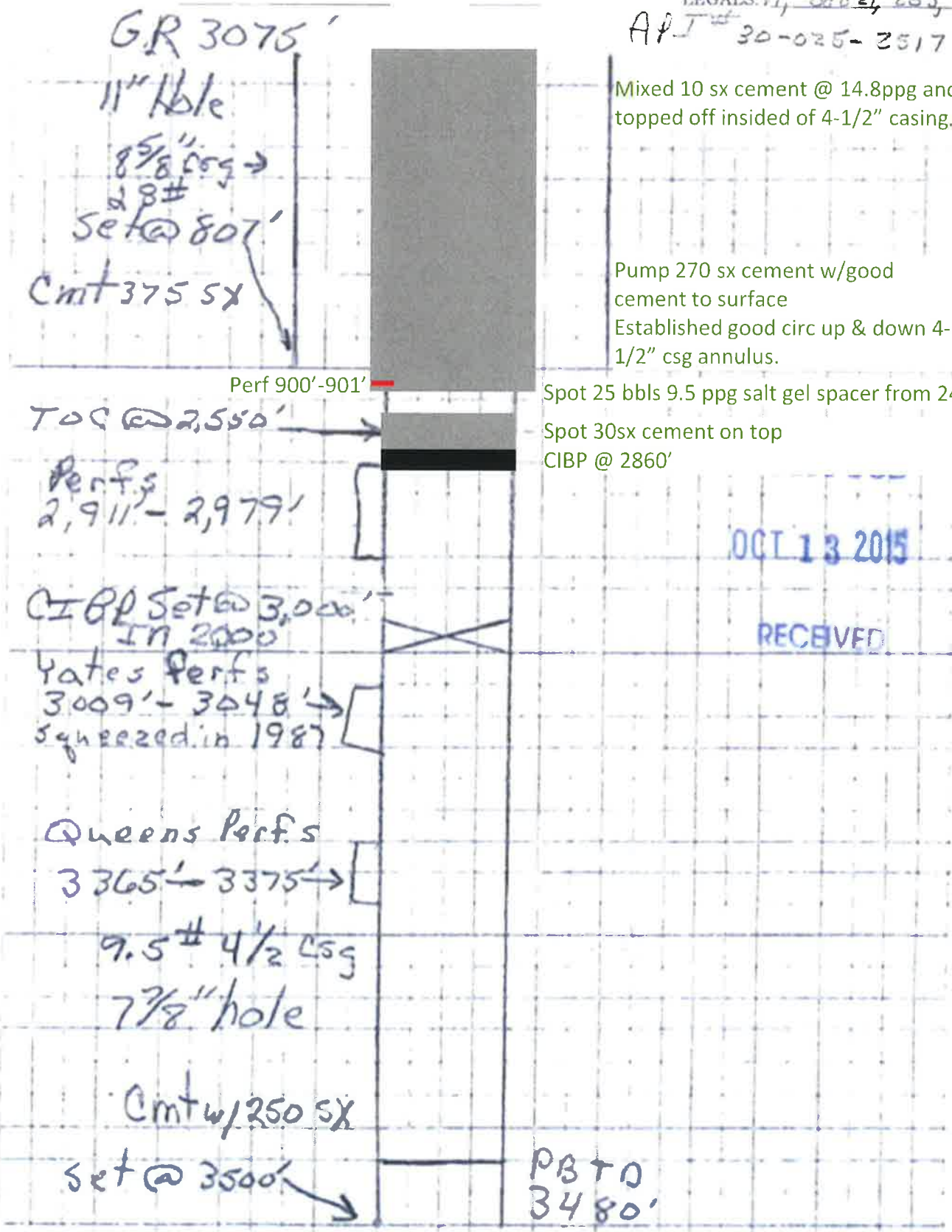
TD @ 1200'

VI. Exhibit C23

ARCO 2Y

API# 30-025-25174
660 FEL 1770 FNL,
Sec 21, T25S, R37E Lea Co., NM

COMPANY: Herman Leeb
WELL NAME: Arco 2Y
LEGALS: H, Sec 21, 25S, 37E
API# 30-025-25174



Mixed 10 sx cement @ 14.8ppg and topped off insided of 4-1/2" casing.

Pump 270 sx cement w/good cement to surface
Established good circ up & down 4-1/2" csg annulus.

Spot 25 bbls 9.5 ppg salt gel spacer from 2400'-900'
Spot 30sx cement on top
CIBP @ 2860'

OCT 13 2015

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VI. Exhibit C24

ARNOTT RAMSAY NCT E #7

API# 30-025-25465

660 FEL 610 FSL,

Sec 16, T25S, R37E Lea Co., NM

Arnett Ramsey NCT E #7

API No. 30-025-25465

Pump 50sx cement plug @ 450' &
circulate to surface.

12-1/4" hole @ 376'
8-5/8" csg @ 376'
w/ 230sx-TOC-Surf-Circ

Tag @ 818'
Pump 55sx cement plug @ 1221'

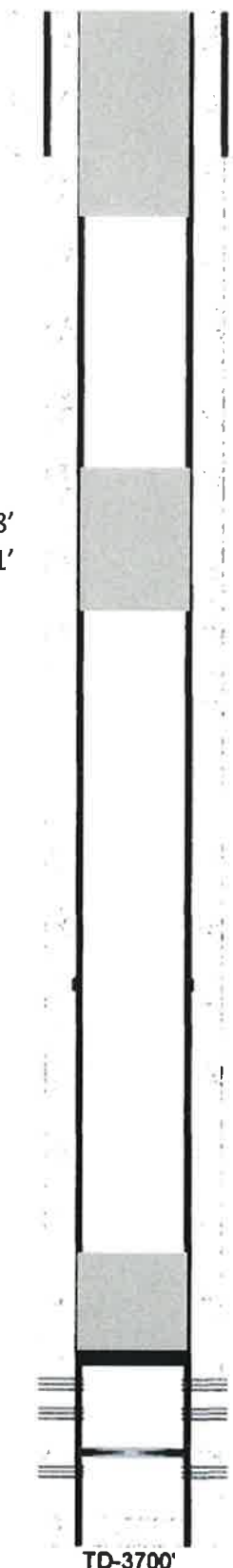
Tag @ 2426'
CIBP @ 3305' w/ 55sx cement on top

7-7/8" hole @ 3700'
5-1/2" csg @ 3700'
DVT @ 2685'
w/ 1580sx-TOC-Surf-Circ

CIBP @ 3550'

Perfs @ 3355-3430'

Perfs @ 3562-3583'



TD-3700'

VI. Exhibit C25

B T LANEHART 6

API# 30-025-25588

1650 FEL 990 FNL,

Sec 21, T25S, R37E Lea Co., NM

Lease B.T. LANEHART Well No. 6 County LEA
 Location Unit B, 990' FNL 1650' FEL State NM
Sec 21, Township 25 S, Range 37 E Spud Date 09/07/77
 GL 3080 DF _____ KB _____ Comp. Date _____

Surface	8-5/8", 23# @ 1079'
Hole Size	12-1/4"
Cement	300 sx Class 'C'
CIRCULATE	

Squeezed 60sx cement &
circulated to surface.
Perf 4-1/2" casing @ 200'

8-5/8" @ 1079'

Tagged plug @ 900'
Squeezed 35sx cement
Perf 4-1/2" casing @ 1129'

T.O.C. 2564'

CIBP @ 3300'

Spot 25sx cement @ 3300'-2922'
Tag CIBP @ 3300'

PERFS: 3372-76'

3400-06'

3416-22'

3435-40'

3472-80'

4-1/2" @ 3537'

3537'

Prod. Csg.	4-1/2", 9.5# @ 3537'
Hole Size	7-7/8"
Cement	225 sx
T.O.C @	2564'
Total Depth	3537' P.B. 3498'

VI. Exhibit C26

ARNOTT RAMSAY NCT E #8

API# 30-025-25596

660 FEL 1980 FSL,

Sec 16, T25S, R37E Lea Co., NM

Arnett Ramsey NCT E #8

API No. 30-025-25596

Pump 50sx cement & circulate to surface.
Got permission from NMOCD to circ
cement through holes @ 408'-430'.

Tag @ 942'
Pump 25sx cement @ 1193'

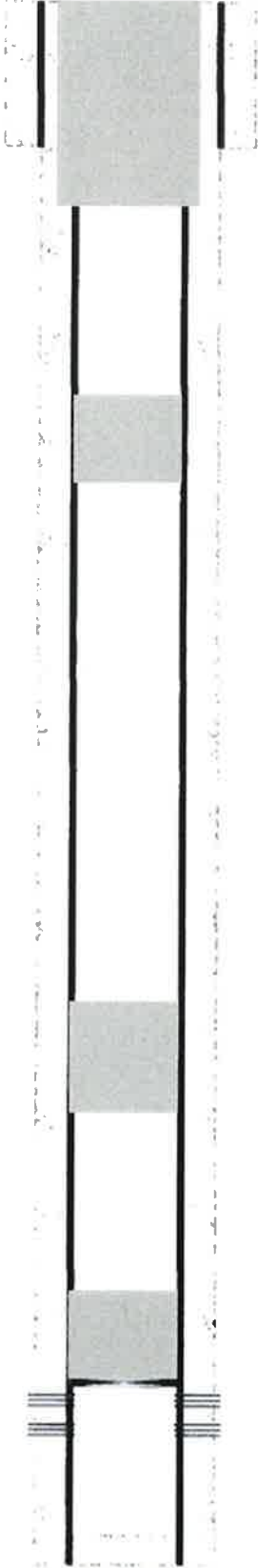
Tag @ 2470'
Pump 30sx cement @ 2796'

Tag @ 3047'
Pump 25sx cement on top

2009-CIBP @ 3320'

Tag CIBP @ 3320'

PB-3682'



12-1/4" hole @ 346'
8-5/8" csg @ 348'
w/ 435sx-TOC-Surf-Circ

Perfs @ 3382-3434'

7-7/8" hole @ 3700'
5-1/2" csg @ 3700'
w/ 1375sx-TOC-Surf-Circ

TD-3700'

60

VI. Exhibit C27

ARNOTT RAMSAY NCT E 9

API# 30-025-25597

1980 FEL 1980 FSL,

Sec 16, T25S, R37E Lea Co., NM

Arnott Ramsey NCT E #9

API No. 30-025-25597

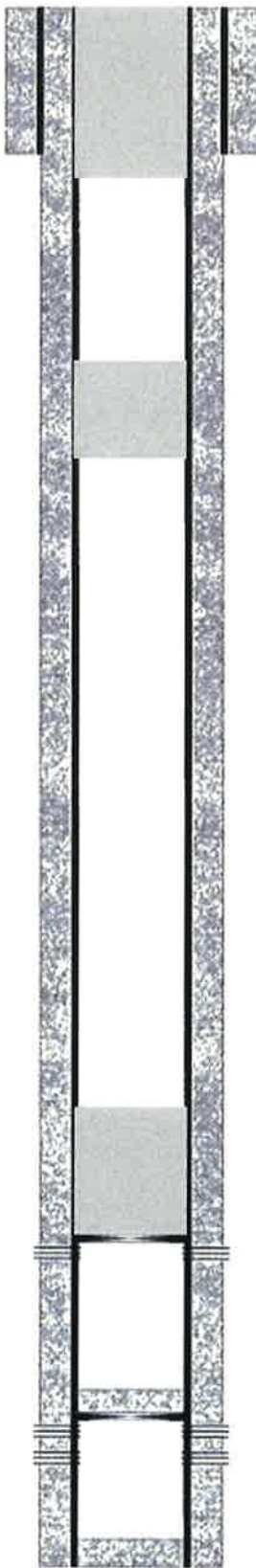
Circulate 35sx cement from
410' to surface.

Tag @ 947'
Spot 25sx cement @1225'

Tag @ 2441'
Spot 30sx cement on top
Tag CIBP @ 2871'

9/09-CIBP @ 2872'

7/82-CIBP @ 3350' w/ 35' cmt



12-1/4" hole @ 350'
8-5/8" csg @ 350'
w/ 250sx-TOC-Surf-Circ

Perfs @ 2920-3028'

7-7/8" hole @ 3700'
4-1/2" csg @ 3700'
w/ 1035sx-TOC-Surf-Circ

Perfs @ 3402-3538'

TD-3700'

VI. Exhibit C29

LANEHART 4

API# 30-025-26155

330 FWL 1550 FSL,

Sec 21, T25S, R37E Lea Co., NM

Circulate cement from 125'
to surface.

Tag cement @ 863'

Perf @ 1020', pump 50sx down
4-1/2" casing, 40sx outside 4-1/2"
casing, and 10sx inside.

8-5/8" Casing set @ 971' w/550 sxs cmt circ.

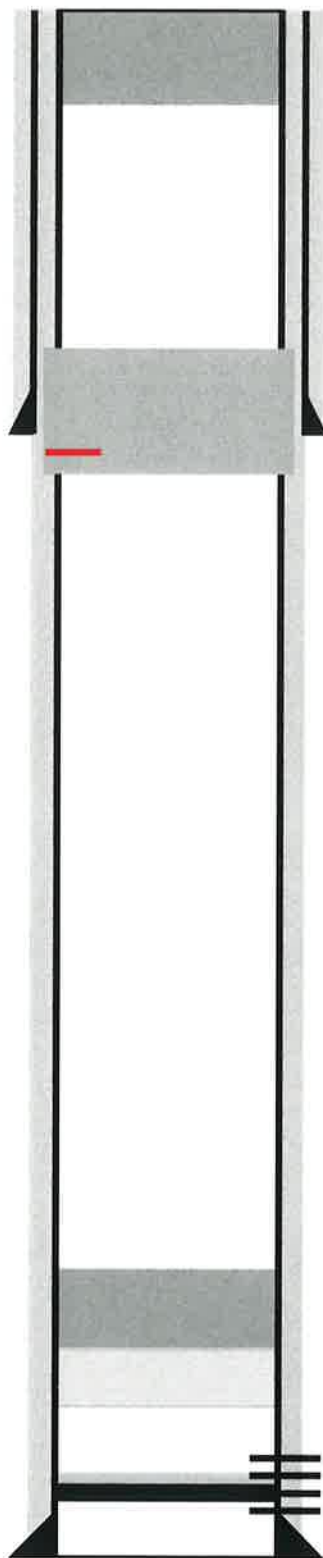
Spot 25sx cement on top
from 2820'-2445'.
Cement retainer @ 2820'

CIBP @ 3250' w/2sx on top

Perfs: 3165'-3343'

4-1/2" Casing set @ 3530' w/300 sxs cmt circ.

TD @ 3530'

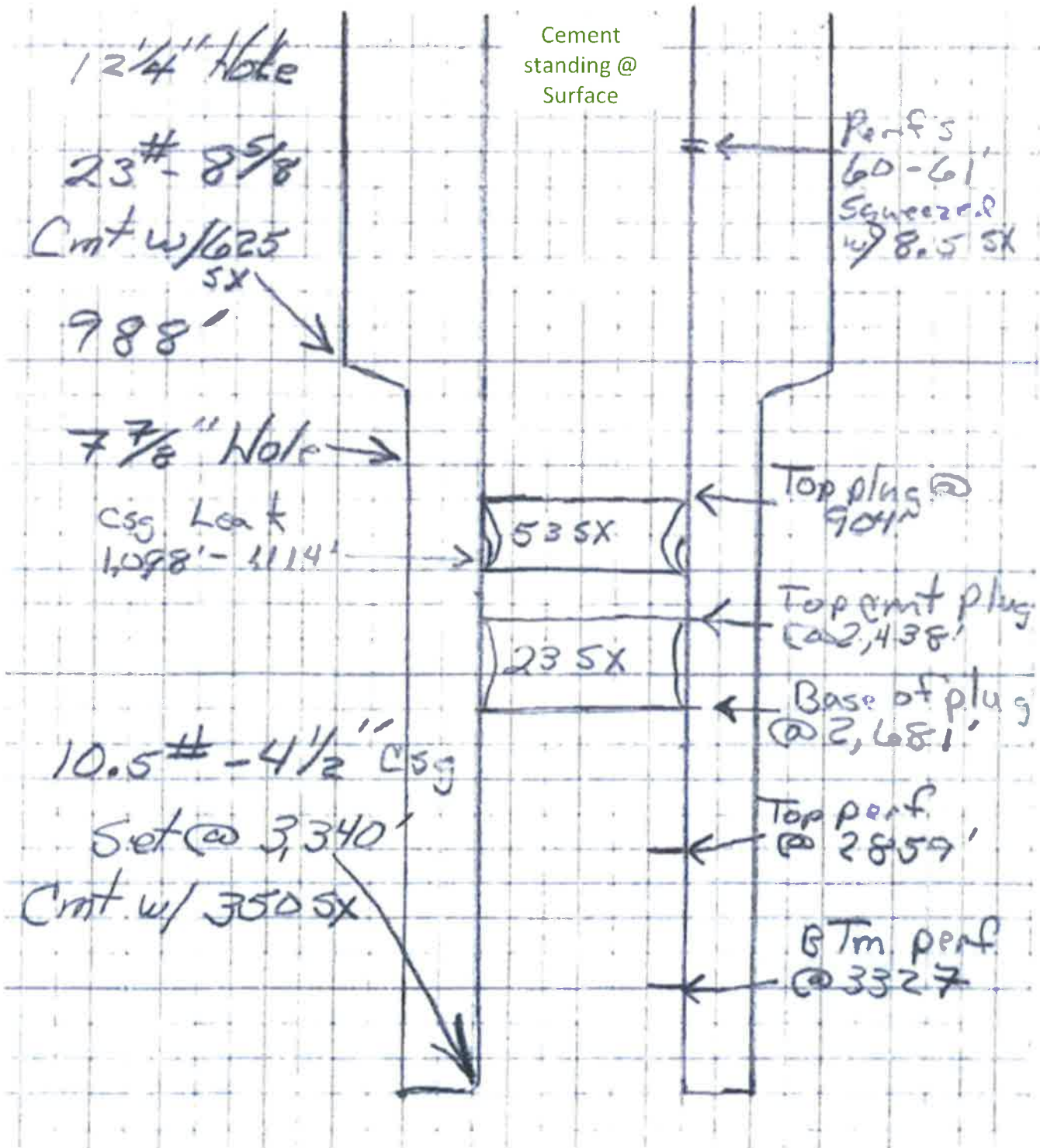


VI. Exhibit C30

FEDERAL 1

API# 30-025-26335
890 FWL 2210 FNL,
Sec 21, T25S, R37E Lea Co., NM

COMPANY: Herman Loeb LLC
WELL NAME: Federal 1 COM
LEGALS: E, 21-25S-37E DR



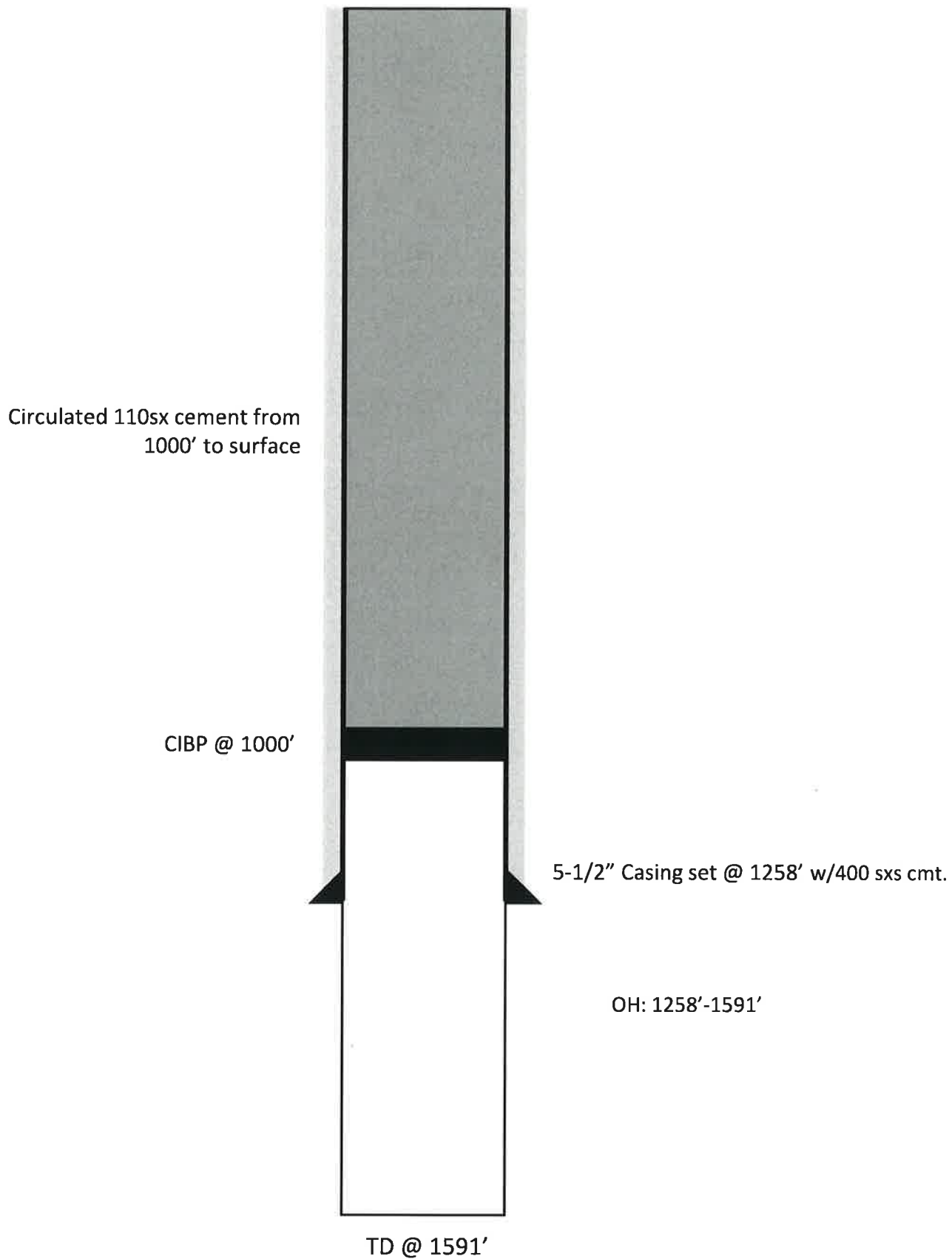
VI. Exhibit C31

ARNOTT RAMSEY STATE #4

API# 30-025-26999

100 FEL 515 FSL,

Sec 16, T25S, R37E Lea Co., NM



VI. Exhibit C32

ARNOTT RAMSAY NCT E 11

API# 30-025-27428

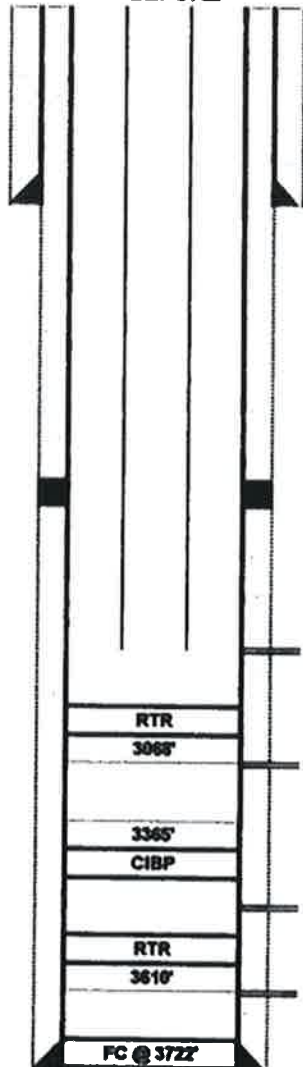
1980 FEL 1980 FNL,

Sec 16, T25S, R37E Lea Co., NM

COMPANY: Pogo Producing Company
 WELL NAME: Ramsay Arnott NCT E
 WELL #: 11
 COUNTY: Lea

SURFACE CASING			
OD	WT / FT	GRADE	SET AT
8 5/8"			395'
PRODUCTION CASING			
OD	WT / FT	GRADE	SET AT
5 1/2"	14	J-55	3750'
TUBING			
OD	WT / FT	GRADE	SET AT
2 3/8"	4.7	J-55	2852'

BEFORE



8 5/8" OD PRODUCTION CSG @ 395'
 (CEMENTED W/ 200 SX / 12 1/4" HOLE)

DV TOOL @ 2677'
 (CEMENTED W/ 850 SX / 7 7/8" HOLE)

2 3/8" TUB SET @ 2952'

2952' - 3062'

CMT RETAINER @ 3065'
 3065' - 3108' SQD 2/82

CIBP @ 3463' W/ 38' CMT
 3441' - 3568'

CMT RETAINER @ 3610'
 3628' - 48' SQD 1/82

5 1/2" OD PRODUCTION CSG @ 3750'
 (CEMENTED W/ 300 SX / 7 7/8" HOLE)

Plug #(4) Surface-60'

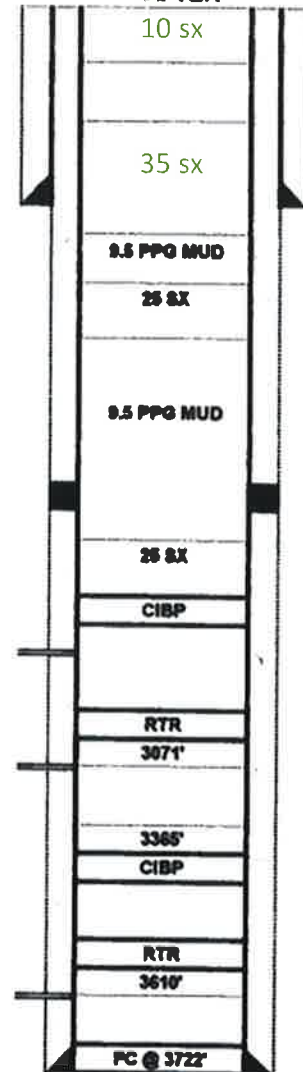
Plug #(3) 158'-454'
 (TAG PLUG)

Plug #(2) 1174'-1374'

Plug #(1) 2707'-2925'

SET CIBP @ 2825'

AFTER



VI. Exhibit C33

ARNOTT RAMSEY STATE #6

API# 30-025-31279

93 FEL 581 FSL,

Sec 16, T25S, R37E Lea Co., NM

Circulated 30sx cement from
1000' to surface

CIBP @ 1000'

7" Casing set @ 1000' w/400 sxs cmt.

OH: 1000'-1500'

TD @ 1500'

VI. Exhibit C34

SALADO 2

API# 30-025-32394

60 FEL 1305 FNL,

Sec 20, T25S, R37E Lea Co., NM

Current 8/14/14

14 3/4" Hole
10" csg. @ 60'
30 sks class (C) to Surf..

35 Sx
~~60'-0'~~
110'

35 Sx
500'-400'

35 Sx
1,000'-900'

9 7/8" Hole
7" csg. @ 1100' per 8/16/09 Log
475 sks class C to Surf.

6 1/8" Open Hole
down to 1420'

8/13/14 Extracted & LD 40 jnts 2 7/8 J-55 tubing



TD @ 1650'

0 - 1'	Top soil
1 - 12'	Broken cliche
12 - 15'	Granite
15 - 40'	Red sand
40 - 60'	Gray & red shale
60 - 120'	Red bed
120 - 130'	Blue shale
130 - 137'	Brown lime
137 - 145'	Red & brown rock - hard
145 - 165'	Gray shale
165 - 175'	Red bed
175 - 205'	Brown shale w / streaks of gray
205 - 325'	Red bed
325 - 340'	Brown lime, medium
340 - 355'	Red sand & water
355 - 485'	Hard red sandy shale
485 - 495'	Red rock
495 - 525'	Brown sand & water
525 - 580'	Red bed
580 - 600'	Red rock
600 - 675'	Red bed
675 - 1025'	Red rock & anhydrite
1025 - 1080'	Gray lime
1080 - 1095'	Anhydrite
1095 - 1125'	Red sand
1125 - 1140'	Gray lime
1140 - 1185'	Salt & anhydrite
1185 - 1230'	Blue shale
1230 - 1240'	Anhydrite & potash, some salt
1240 - 1400'	Salt

VII. Proposed Injection Operation

1. Average injection rate target will be ~750 bpd. Maximum injection rate will be 1000 bpd. These numbers are based off of typical injection rates in nearby Yates and Seven Rivers 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 ~700 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 3125' and 2850' (or 625 psi and 570 psi maximum injection pressure, respectively). Pending results of a step rate test, the maximum injection pressure could potentially be increased to a factor of 0.6 psi/ft (or 1,875 psi at 3125' and 1710 psi at 2850').
4. The water source will be produced water from nearby wells and water transfer lines.
5. Injection will be into the Yates and Seven Rivers formations, which is immediately productive in the area.

VIII. Geologic Data

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

Formation Tops Are:

Formation	Offset Top (Union Federal 1) 30-025-27683	Contents
Alluvium	GL	Fresh Water
Rustler	881	Anhydrite
Salado (top of salt)	1044	Salt
Tansil (base of salt)	2342	Gas, Oil, & Water
Yates	2499	Gas, Oil, & Water
Seven Rivers	2779	Gas, Oil, & Water
Queen	3216	Gas, Oil, & Water
<i>SR-Q Injection Interval</i>	<i>3200-3375</i>	<i>Gas, Oil, & Water</i>
Total Depth	3375	
<i>Grayburg</i>	<i>~3530</i>	<i>Gas, Oil, & Water</i>

IX. Proposed Stimulation Program

The new drill injector will be acidized with 4,000 gal 15% HCl with diverter for each set of perforations. Acid in the Yates and Seven Rivers 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

The EXXON #1, ARNOTT RAMSAY NCT E #2, BT LANEHART #3, AZTEC #1, and BT LANEHART #2 will be converted to injectors. The well log for the EXXON #1 has been submitted to the NMOCD previously.

Test Data for the above mentioned wells is as follows:

EXXON #1

Date: 6-16-1936

Perf Interval: Open Hole 3108'-3201'

Method: Natural?

Result: 20 BF of which 99.8% was oil over 24hrs.

Date: 9-29-1940

Perf Interval: Perf 3168'-3181' w/23 shots, 3087'-3180' w/100 shots

Method: Acidized w/ 200 gal & 750 gal acid.

Result: Tested 7 BOPD & 1200 MCF gas per day

Date: 5-4-1966

Perf Interval: 2862'-2928' & 3024'-3036'

Method: Acidized w/1000 gal 15% NE acid

Result: Swabbed dry

Date: 5-5-1976

Perf Interval: OH Deepened to 3108'-3448' & Perfs 3016'-3026' w/1spf

Method: OH acidized w/750 gals acid & frac'd w/ 17000 gal H2O and 17000# sand.
Perfs acidized w/ another 750 gals acid

Result: OH made water & Perfs Tested 32.5 MCFPD

ARNOTT RAMSAY NCT E #2

Date: 3-13-1940

Perf Interval: Open Hole 2894'-3153'

Method: Natural?

Result: IP 15,000,000 cf gas through casing.

X. Logging and Test Data for Wells (continued)

BT LANEHART #3

Date: 5-10-1937

Perf Interval: Open Hole 2901'-3094'

Method: Natural?

Result: 288 BF of which 100% was oil over 24hrs.

AZTEC #1

Date: 7-1-1936

Perf Interval: Open Hole 3250'-3435'

Method: Shot w/130 gal Solidified Nitro Glycerine

Result: 72 BF of which 99.9% was oil over 24hrs.

Date: 1-12-1940

Perf Interval: Open Hole 3250'-3380'

Method: Acidized w/ 2000 gal acid in lime formation

Result: Tested 35 bbls fluid per day- 21 BO & 14 BW.

Date: 11-13-1947

Perf Interval: Perf 3220'-3245' & 3035'-3100'

Method: Treated perms (3220'-3245') w/1000 gal acid

Treated perms (3035'-3100') w/1000 gal acid

Result: Tested 1600 MCF per day w/6 BW per day.

Date: 7-31-1953

Perf Interval: Existing perms 3035'-3100'

Method: Open flow test

Result: 680 MCFPD.

Date: 5-3-1984

Perf Interval: Perf 2930-2955' w/ 23 shots.

Method: Acidized w/ 1000 gals 15% NE

Frac'd w/ 15,000 gal H2O & 15,000 gals CO2 & 64,000# sand

Result: ???.

BT LANEHART #2

Date: 7-23-1936

Perf Interval: Open Hole 2901'-2925'

Method: Natural?

Result: Est 400 bbl's fluid per hr & 1500 MCF gas.

X. Logging and Test Data for Wells (continued)

The **BT LANEHART #12**, **BT LANEHART #13**, and **ARNOTT RAMSAY NCT E #13** will all be new drill injectors.

XI. Chemical Analysis of Fresh Water Wells

According to the New Mexico Office of the State Engineer, there are 8 active water wells within 1 mile of the proposed injector locations area of investigation (Exhibits D1a & b to D8a & b). These wells are listed below:

1. CP 00120
 1. Was drilled to 460' MD. It is considered a "shallow water" fresh water well for "Commercial Use". Originally used to fill a pond to breed Bull Frogs but is now used for selling fresh and brine water.
 2. It is 0.84 to 0.99 Miles from injector locations.
2. CP 00121
 1. Was drilled to 510' MD. It is considered a "shallow water" fresh water well for "Commercial Use". Originally used to fill a pond to breed Bull Frogs but is now used for selling fresh and brine water.
 2. It is 0.82 to 0.93 Miles from injector locations.
3. CP 00124
 1. Was drilled to 530' MD. It is considered a "shallow water" fresh water well for "Commercial Use". Originally used to fill a pond to breed Bull Frogs but is now used for selling fresh and brine water. Well was redrilled because of trash in wellbore. Water @ 360'.
 2. It is 0.45 to 0.76 Miles from injector locations.
4. CP 00216
 1. Was drilled to 84' MD. It is considered a "shallow water" fresh water well for "Domestic and Livestock use".
 2. It is 0.81 to 0.98 Miles from injector locations.
5. CP 00426
 1. Was drilled to 235' MD. It is considered a "shallow water" fresh water well for "Domestic & Household use". Water @ 70'.
 2. It is 0.88 to 0.96 Miles from injector locations.
6. CP 00506
 1. Was drilled to 425' MD. It is considered a "shallow water" fresh water well for "Domestic & Household use". Water @ 200'.
 2. It is 0.88 Miles from injector locations.
7. CP 00509
 1. Was drilled to 300' MD. It is considered a "shallow water" fresh water well for "Domestic & Household use". Water @ 275'.
 2. It is 0.89 Miles from injector locations.
8. CP 01869
 1. Was drilled to 180' MD. It is also considered a "shallow water" fresh water well for "Domestic and Livestock use".
 2. It is 0.58 to 0.88 Miles from injector locations.

FAE II Operating, LLC was unable to get a sample of these wells.

XI. Chemical Analysis of Fresh Water Wells(continued)

FAE II Operating, LLC was able to get 2 fresh water samples from residential well locations. A map showing their locations relative to the proposed injector locations can be seen in Exhibit E1. The first sample was taken from 31 Buckle Ln (Lat: 32.137172, Long: -103.147540) and is about 1.38 Miles North East from the ARNOTT RAMSAY NCT E #2 location. The second sample was taken from 303 S. Willis Rd (Lat:32.072644, Long: -103.140920) and is about 3.16 Miles South West from the Exxon #1 location. Their analyses can be seen in Exhibits E4 and E5 respectively.

A produced water sample of similar water that will be injected was also taken from the BT LANEHART Battery (Lat: 32.118749, Long: -103.168826), and its analysis can be seen in Exhibit E6. An additional produced water sample was obtained from the Carlson A Battery (Lat: 32.110152, Long: -103.143242), and its analysis can be seen in Exhibit E7.

Well 1: EXXON #1

XI. Exhibit D1a

Location: Twn 25S Rge 37E Sec 21

Footages: 1983 FEL 1979 FSL

County: Lea

Location For Office of the State Engineer:

NAD 1983 UTM Zone 13

Easting (X): **673068.628** mtrs

Northing (Y): **3554534.432** mtrs

Water Wells Within 1 Mile Radius

**** 3 Active ****



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

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

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

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

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

(In feet)

POD Number	Code	POD Sub-basin	County	Q 6	Q 4	Q 2	Q 1	Sec	Tws	Rng	X	Y	Distance	DepthWell	DepthWater	Water Column
CP 01869 POD1		CP	LE	4	1	2	28	25S	37E		673166	3553610	929	180	115	65
CP 00124 POD2		CP	LE	4	4	2	20	25S	37E		671945	3554823*	1160	530	360	170
CP 00425 POD1	<i>No Longer Being Used?</i>	CP	LE	4	4	4	16	25S	37E		673541	3555653*	1214	500	250	250
CP 00124 POD1	R	CP	LE	1	4	2	20	25S	37E		671745	3555023*	1410	530		<i>Plugged</i>
CP 00216 POD1		CP	LE	2	2	1	22	25S	37E		674353	3555464*	1585	84		

Average Depth to Water: **241 feet**

Minimum Depth: **115 feet**

Maximum Depth: **360 feet**

Record Count: 5

Basin/County Search:

Basin: Capitan

County: Lea

UTMNAD83 Radius Search (in meters):

Easting (X): 673068.628

Northing (Y): 3554534.432

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.

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WATER COLUMN/AVERAGE DEPTH TO WATER

Well 1: EXXON #1

XI. Exhibit D1b

Location: Twn 25S Rge 37E Sec 21

Footages: 1983 FEL 1979 FSL

County: Lea

Location For Office of the State Engineer:

NAD 1983 UTM Zone 13

Easting (X): **673068.628** mtrs

Northing (Y): **3554534.432** mtrs

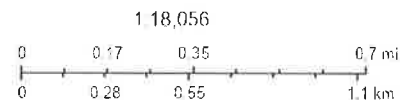


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GIS WATERS PODs

▲ C-108 Injector

- Active
- Pending
- ▭ Site Boundaries



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Well 2: ARNOTT RAMSAY NCT E #2

XI. Exhibit D2a

Location: TwN 25S Rge 37E Sec 16

Footages: 655 FSL 1972 FEL

County: Lea

Location For Office of the State Engineer:

NAD 1983 UTM Zone 13

Easting (X): **673041.677** mtrs

Northing (Y): **3555749.935** mtrs

Water Wells Within 1 Mile Radius

**** 2 Active ****



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

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

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

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

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

(In feet)

POD Number	Code	POD Sub-basin	County	Q 64	Q 16	Q 4	Sec	TwS	Rng	X	Y	Distance	Depth Well	Depth Water	Water Column
CP 00425 POD1	No Longer Being Used?	CP	LE	4	4	4	16	25S	37E	673541	3555653*	508	500	250	250
CP 00216 POD1		CP	LE	2	2	1	22	25S	37E	674353	3555464*	1342	84		
CP 00124 POD2		CP	LE	4	4	2	20	25S	37E	671945	3554823*	1435	530	360	170
CP 00124 POD1	R	CP	LE	1	4	2	20	25S	37E	671745	3555023*	1486	520		Plugged

Average Depth to Water: **305 feet**

Minimum Depth: **250 feet**

Maximum Depth: **360 feet**

Record Count: 4

Basin/County Search:

Basin: Capitan

County: Lea

UTM NAD83 Radius Search (in meters):

Easting (X): 673041.677

Northing (Y): 3555749.935

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.

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WATER COLUMN/AVERAGE DEPTH TO WATER

Well Z: ARNOLD RAMSAY NCT E #2

XI. Exhibit D2b

Location: Twn 25S Rge 37E Sec 16

Footages: 655 FSL 1972 FEL

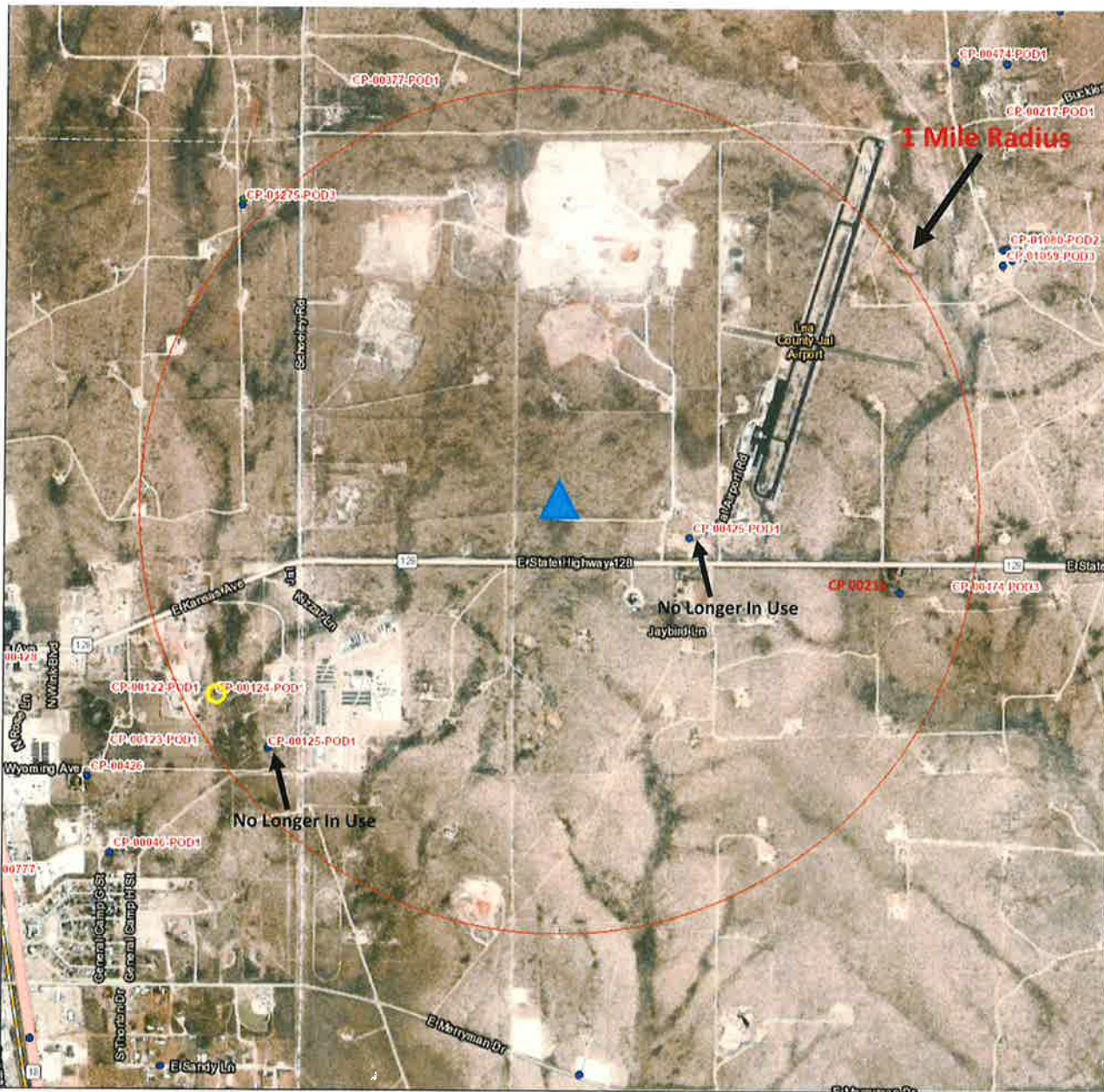
County: Lea

Location For Office of the State Engineer:

NAD 1983 UTM Zone 13

Easting (X): **673041.677** mtrs

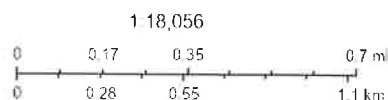
Northing (Y): **3555749.935** mtrs



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GIS WATERS PODs ▲ C-108 Injector

- Active
- Pending
- ▭ Site Boundaries



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Well 3: B I LANEHART #3

XI. Exhibit D3a

Location: Twn 25S Rge 37E Sec 21

Footages: 1980 FWL 660 FNL

County: Lea

Location For Office of the State Engineer:

NAD 1983 UTM Zone 13

Easting (X): **672658.510** mtrs

Northing (Y): **3555337.034** mtrs

Water Wells Within 1 Mile Radius

**** 4 Active ****



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

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

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

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

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

(In feet)

POD Number	Code	POD Sub-basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Distance	Depth Well	Depth Water	Water Column
CP 00124 POD2		CP	LE	4	4	2	20	25S	37E	671945	3554823*	879	530	360	170
CP 00425 POD1	No Longer Being Used?	CP	LE	4	4	4	16	25S	37E	673541	3555653*	937	500	250	250
CP 00124 POD1	R	CP	LE	1	4	2	20	25S	37E	671745	3555023*	965	530		Plugged
CP 00121 POD1		CP	LE	1	3	2	20	25S	37E	671343	3555016*	1354	510		
CP 00120 POD1		CP	LE	3	3	2	20	25S	37E	671343	3554816*	1414	460		
CP 00426		CP	LE				20	25S	37E	671257	3554701*	1539	235	70	165

Average Depth to Water: **226 feet**
 Minimum Depth: **70 feet**
 Maximum Depth: **360 feet**

Record Count: 6

Basin/County Search:

Basin: Capitan

County: Lea

UTM NAD83 Radius Search (in meters):

Easting (X): 672658.51

Northing (Y): 3555337

Radius: 1609.3

*UTM location was derived from PLSS - see Help

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Well 3: B I LANEHART #3

XI. Exhibit D3b

Location: TwN 25S Rge 37E Sec 21

Footages: 1980 FWL 660 FNL

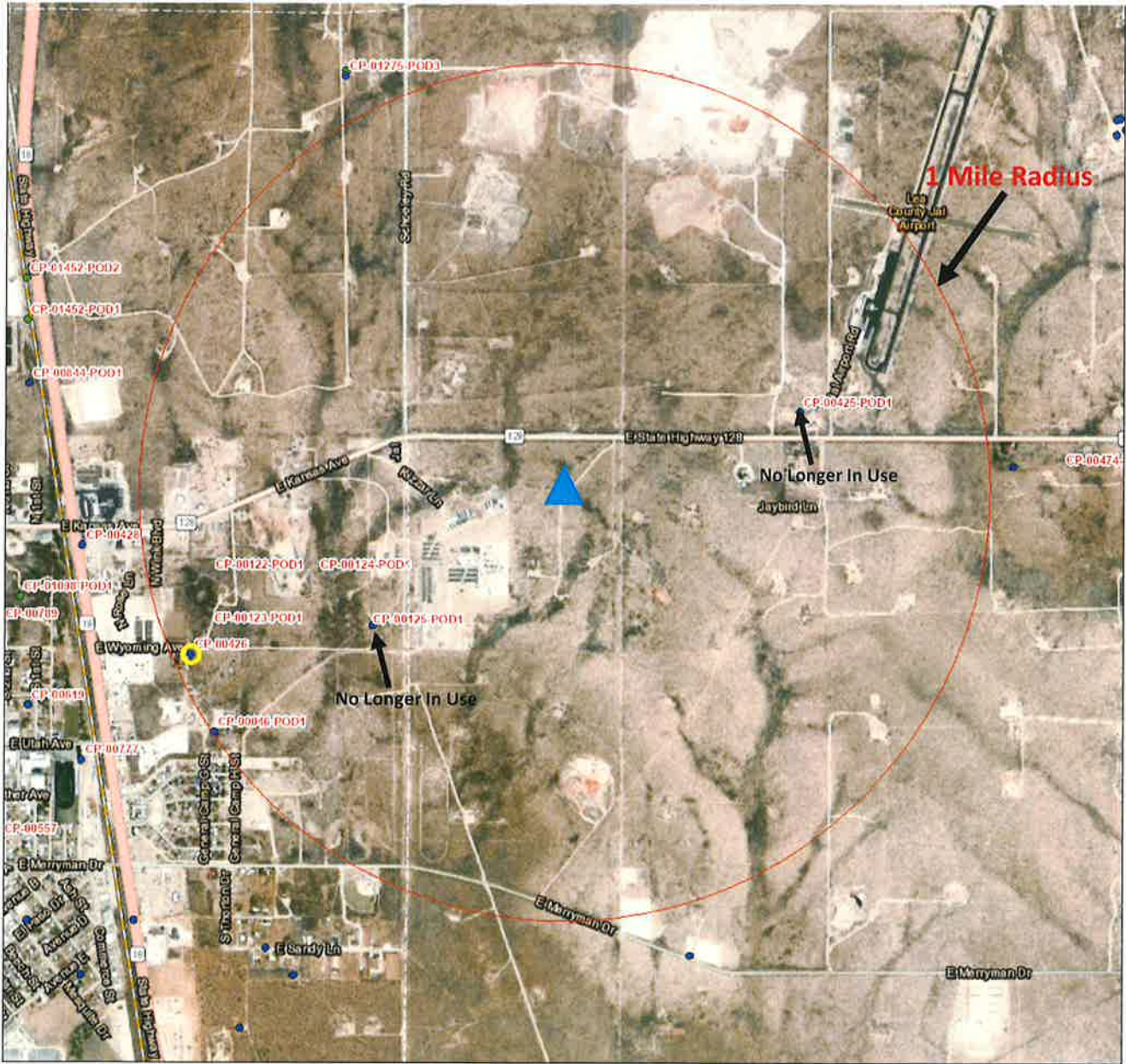
County: Lea

Location For Office of the State Engineer:

NAD 1983 UTM Zone 13

Easting (X): 672658.510 mtrs

Northing (Y): 3555337.034 mtrs

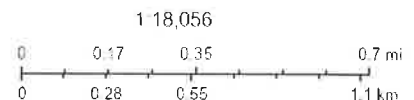


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GIS WATERS PODs

▲ C-108 Injector

- Active
- Pending
- Site Boundaries



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Well 4: AZTEC #1

XI. Exhibit D4a

Location: Twn 25S Rge 37E Sec 21

Footages: 1977 FWL 1972 FSL

County: Lea

Location For Office of the State Engineer:

NAD 1983 UTM Zone 13

Easting (X): **672667.565** mtrs

Northing (Y): **3554528.737** mtrs

Water Wells Within 1 Mile Radius

**** 7 Active ****



New Mexico Office of the State Engineer

Water Column/Average Depth to Water

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

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

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

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

(In feet)

POD Number	Code	POD Sub-basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Distance	Depth	Well Depth	Water Column
CP 00124 POD2		CP	LE	4	4	2	20	25S	37E	671945	3554823*	780	530	360	170
CP 01869 POD1		CP	LE	4	1	2	28	25S	37E	673166	3553610	1045	180	115	65
CP 00124 POD1	R	CP	LE	1	4	2	20	25S	37E	671745	3555023*	1046	530		Plugged
CP 00120 POD1		CP	LE	3	3	2	20	25S	37E	671343	3554816*	1355	460		
CP 00121 POD1		CP	LE	1	3	2	20	25S	37E	671343	3555016*	1411	510		
CP 00426		CP	LE				20	25S	37E	671257	3554701*	1421	235	70	165
CP 00425 POD1	No Longer Being Used?	CP	LE	4	4	4	16	25S	37E	673541	3555653*	1423	500	250	250
CP 00506		CP	LE			2	29	25S	37E	671673	3553509*	1424	425	200	225
CP 00509		CP	LE	4	1	2	29	25S	37E	671564	3553609*	1436	300	275	25

Average Depth to Water: **211 feet**
 Minimum Depth: **70 feet**
 Maximum Depth: **360 feet**

Record Count: 9

Basin/County Search:

Basin: Capitan

County: Lea

UTM NAD83 Radius Search (in meters):

Easting (X): 672667.565

Northing (Y): 3554528.737

Radius: 1609.3

*UTM location was derived from PLSS - see Help

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

Well 4: AZ IEC #1

XI. Exhibit D4b

Location: Twn 25S Rge 37E Sec 21

Footages: 1977 FWL 1972 FSL

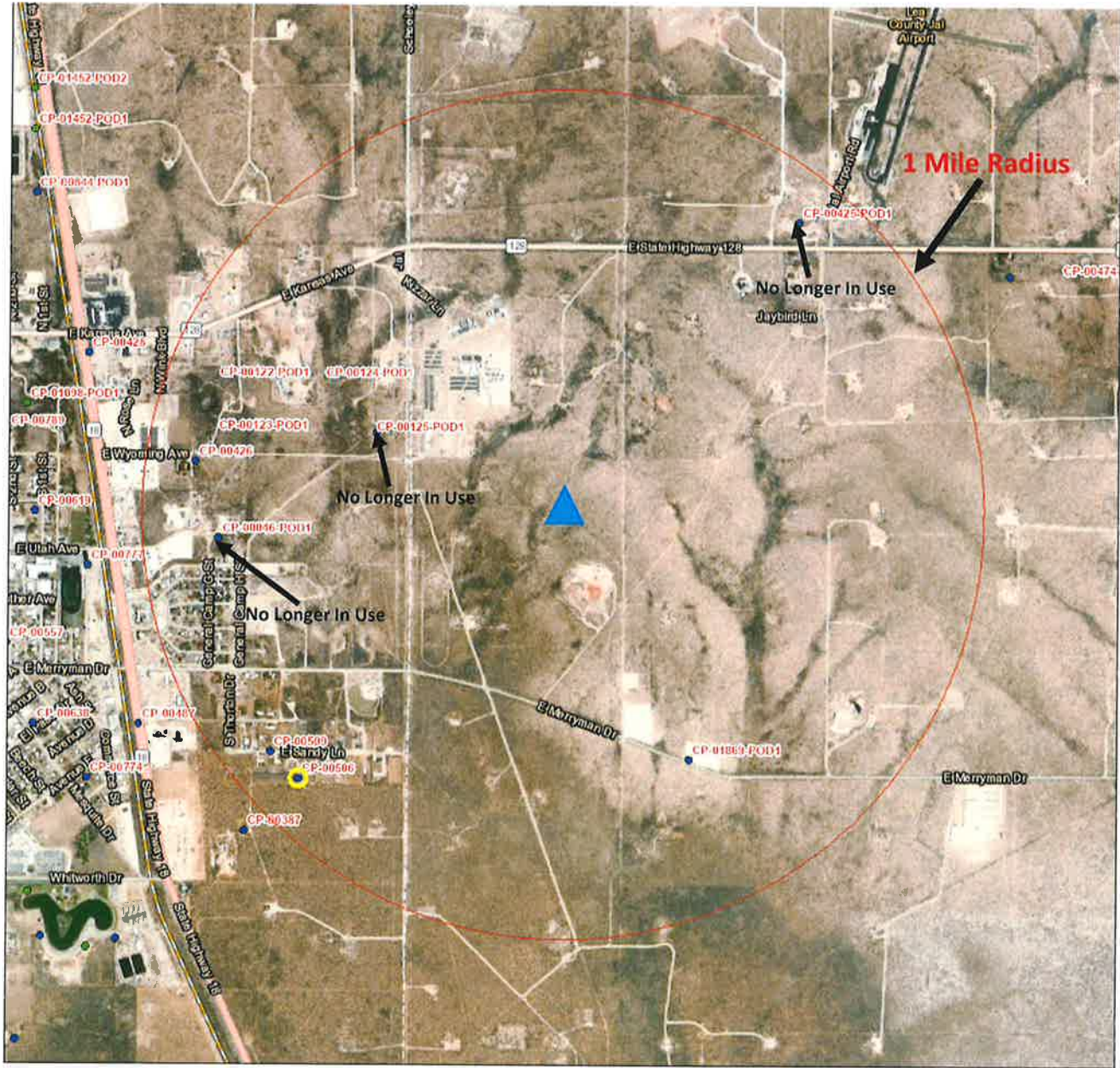
County: Lea

Location For Office of the State Engineer:

NAD 1983 UTM Zone 13

Easting (X): 672667.565 mtrs

Northing (Y): 3554528.737 mtrs

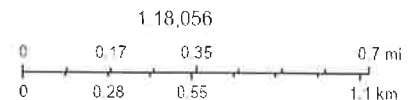


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GIS WATERS PODs

▲ C-108 Injector

- Active
- Pending
- Site Boundaries



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Well 5: B I LANEHART #2

XI. Exhibit D5a

Location: Twn 25S Rge 37E Sec 21

Footages: 1980 FWL 1980 FNL

County: Lea

Location For Office of the State Engineer:

NAD 1983 UTM Zone 13

Easting (X): **672662.539** mtrs

Northing (Y): **3554934.559** mtrs

Water Wells Within 1 Mile Radius

**** 5 Active****



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

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

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

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

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

(In feet)

POD Number	Code	POD Sub-basin	County	Q 6	Q 4	Q 2	Q 1	Sec	Tws	Rng	X	Y	Distance	Depth	Well	Depth	Water	Column
CP 00124 POD2		CP	LE	4	4	2	20	25S	37E		671945	3554823*	726	530		360	170	
CP 00124 POD1	R	CP	LE	1	4	2	20	25S	37E		671745	3555023*	921	530				Plugged
CP 00425 POD1	No Longer Being Used?	CP	LE	4	4	4	16	25S	37E		673541	3555653*	1134	500		250	250	
CP 00121 POD1		CP	LE	1	3	2	20	25S	37E		671343	3555016*	1322	510				
CP 00120 POD1		CP	LE	3	3	2	20	25S	37E		671343	3554816*	1324	460				
CP 01869 POD1		CP	LE	4	1	2	28	25S	37E		673166	3553610	1416	180		115	65	
CP 00426		CP	LE				20	25S	37E		671257	3554701*	1424	235		70	165	

Average Depth to Water: **198 feet**

Minimum Depth: **70 feet**

Maximum Depth: **360 feet**

Record Count: 7

Basin/County Search:

Basin: Capitan

County: Lea

UTM NAD83 Radius Search (in meters):

Easting (X): 672662.539

Northing (Y): 3554934.559

Radius: 1609.3

*UTM location was derived from PLSS - see Help

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

Well 5: B I LANEHART #2

XI. Exhibit D5b

Location: Twn 25S Rge 37E Sec 21

Footages: 1980 FWL 1980 FNL

County: Lea

Location For Office of the State Engineer:

NAD 1983 UTM Zone 13

Easting (X): 672662.539 mtrs

Northing (Y): 3554934.559 mtrs

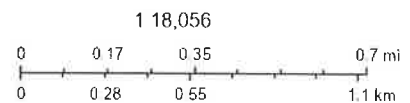


6/22/2022, 2:29:36 PM

GIS WATERS PODs

▲ C-108 Injector

- Active
- Pending
- Site Boundaries



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Well #: B I LANEHART #12

XI. Exhibit D6a

Location: Twn 25S Rge 37E Sec 21

Footages: 1987 FNL 2065 FEL

County: Lea

Location For Office of the State Engineer:

NAD 1983 UTM Zone 13

Easting (X): **673028.679** mtrs

Northing (Y): **3554944.337** mtrs

Water Wells Within 1 Mile Radius

**** 3 Active ****



New Mexico Office of the State Engineer

Water Column/Average Depth to Water

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

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

(quarters are 1=NW 2=NE 3=SW 4=SE)
(quarters are smallest to largest) (NAD83 UTM in meters)

(In feet)

POD Number	Code	POD Sub-basin	County	Q	Q	Q	Sec	Tw	Rng	X	Y	Distance	Well Depth	Water Column
CP 00425 POD1	<i>No Longer Being Used?</i>	CP	LE	4	4	4	16	25S	37E	673541	3555653*	874	500	250
CP 00124 POD2		CP	LE	4	4	2	20	25S	37E	671945	3554823*	1090	530	360
CP 00124 POD1	R	CP	LE	4	4	2	20	25S	37E	671745	3555023*	1286	530	<i>Plugged</i>
CP 01869 POD1		CP	LE	4	1	2	28	25S	37E	673166	3553610	1341	180	115
CP 00216 POD1		CP	LE	2	2	1	22	25S	37E	674353	3555464*	1422	84	65

Average Depth to Water: **241 feet**
 Minimum Depth: **115 feet**
 Maximum Depth: **360 feet**

Record Count: 5

Basin/County Search:

Basin: Capitan

County: Lea

UTM NAD83 Radius Search (in meters):

Easting (X): 673028.679

Northing (Y): 3554944.337

Radius: 1609.3

*UTM location was derived from PLSS - see Help

The data is furnished by the NMOS EISC 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.

6/24/22 3:59 PM

WATER COLUMN AVERAGE DEPTH TO WATER

Well 6: B I LANEHART #12

XI. Exhibit D6b

Location: Twn 25S Rge 37E Sec 21

Footages: 1987 FNL 2065 FEL

County: Lea

Location For Office of the State Engineer:

NAD 1983 UTM Zone 13

Easting (X): 673028.679 mtrs

Northing (Y): 3554944.337 mtrs



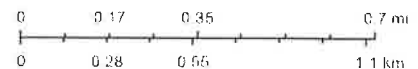
6/24/2022, 5:01:33 PM

GIS WATERS PODs

- Active
- Pending
- Site Boundaries

▲ C-108 Injector

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Well #: B I LANEHART #13

XI. Exhibit D7a

Location: Twn 25S Rge 37E Sec 21

Footages: 684 FNL 1939 FEL

County: Lea

Location For Office of the State Engineer:

NAD 1983 UTM Zone 13

Easting (X): **673058.633** mtrs

Northing (Y): **3555341.961** mtrs

Water Wells Within 1 Mile Radius

**** 2 Active ****



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

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

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

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

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

(In feet)

POD Number	Code	POD Sub-basin	County	Q 6	Q 4	Q 2	Q 1	Sec	Tws	Rng	X	Y	Distance	DepthWell	DepthWater	Water Column
CP 00425 POD1	No Longer Being Used?	CP	LE	4	4	4	16	25S	37E		673541	3555653*	573	500	250	250
CP 00124 POD2		CP	LE	4	4	2	20	25S	37E		671945	3554823*	1228	530	360	170
CP 00216 POD1		CP	LE	2	2	1	22	25S	37E		674353	3555464*	1300	84		
CP 00124 POD1	R	CP	LE	1	4	2	20	25S	37E		671745	3555023*	1351	530		Plugged

Average Depth to Water: **305 feet**

Minimum Depth: **250 feet**

Maximum Depth: **360 feet**

Record Count: 4

Basin/County Search:

Basin: Capitan

County: Lea

UTM NAD83 Radius Search (in meters):

Easting (X): 673058.633

Northing (Y): 3555341.961

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.

6/24/22 4:06 PM

WATER COLUMN/AVERAGE DEPTH TO WATER

Well 7: B I LANEHART #13

XI. Exhibit D7b

Location: Twn 25S Rge 37E Sec 21

Footages: 684 FNL 1939 FEL

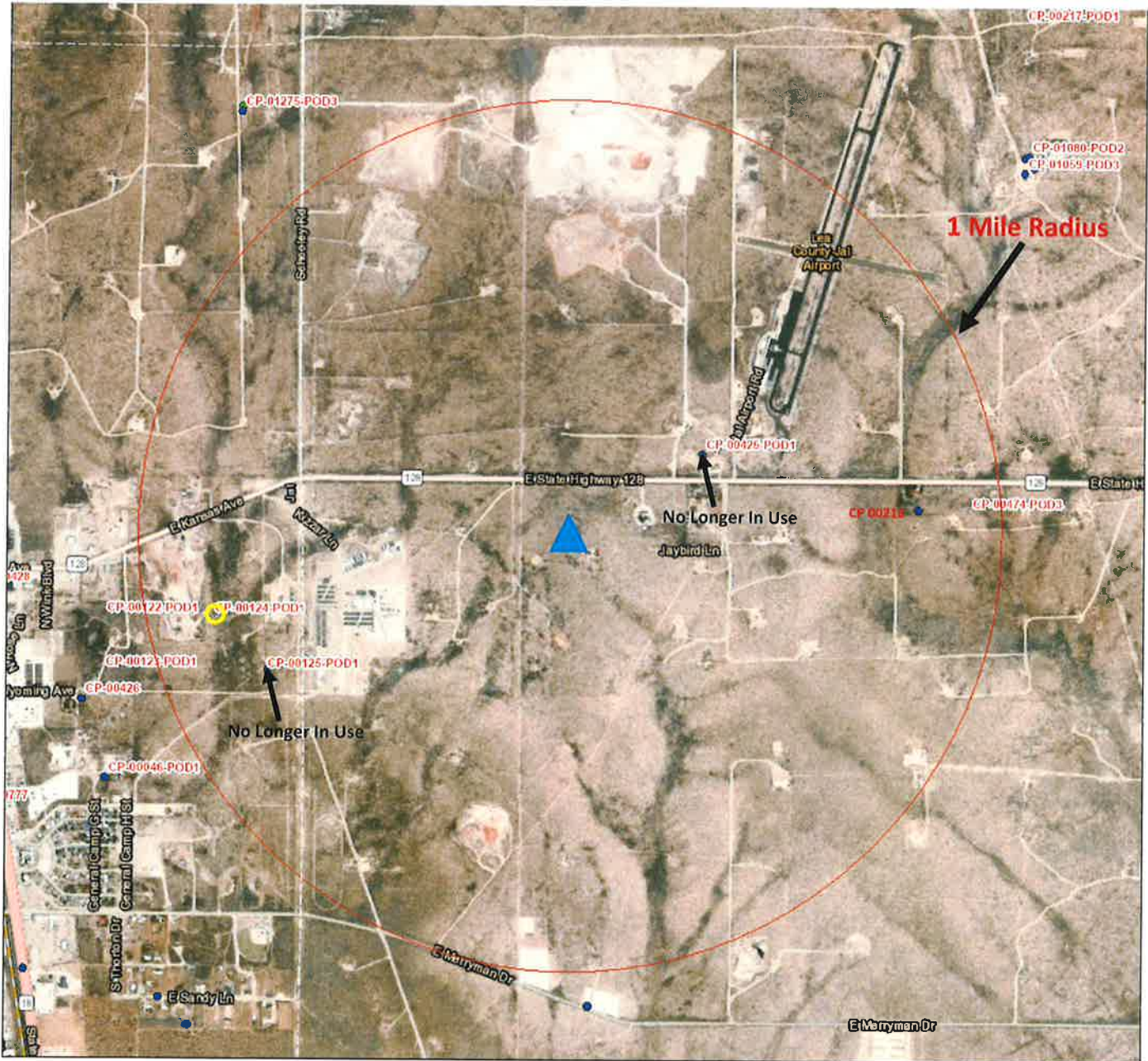
County: Lea

Location For Office of the State Engineer:

NAD 1983 UTM Zone 13

Easting (X): **673058.633** mtrs

Northing (Y): **3555341.961** mtrs



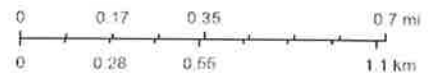
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C-108 Injector

GIS WATERS PODs

- Active
- Pending
- Site Boundaries

1:18,056



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Well #: ARNUT RAMSAY NCT E #13

XI. Exhibit D8a

Location: Twn 25S Rge 37E Sec 16

Footages: 636 FSL 2005 FWL

County: Lea

Location For Office of the State Engineer:

NAD 1983 UTM Zone 13

Easting (X): **672645.622** mtrs

Northing (Y): **3555737.748** mtrs

Water Wells Within 1 Mile Radius

**** 3 Active ****



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

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

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

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

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

(In feet)

POD Number	Code	POD Sub-basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Distance	Depth	WellDepth	Water Column
CP 00425 POD1	No Longer Being Used?	CP	LE	4	4	4	16	25S	37E	673541	3555653*	899	500	250	250
CP 00124 POD1	R	CP	LE	1	4	2	20	25S	37E	671745	3555023*	1149	530		Plugged
CP 00124 POD2		CP	LE	4	4	2	20	25S	37E	671945	3554823*	1152	530	360	170
CP 01275 POD1		CP	LE	2	2	17	25S	37E	671800	3556883	1424	35			Plugged
CP 01275 POD2		CP	LE	2	2	17	25S	37E	671800	3556883	1424	40			Plugged
CP 01275 POD3		CP	LE	2	2	17	25S	37E	671800	3556883	1424	37			Plugged
CP 00121 POD1		CP	LE	1	3	2	20	25S	37E	671343	3555016*	1489	510		
CP 00120 POD1		CP	LE	3	3	2	20	25S	37E	671343	3554816*	1595	460		

Average Depth to Water: **305 feet**

Minimum Depth: **250 feet**

Maximum Depth: **360 feet**

Record Count: 8

Basin/County Search:

Basin: Capitan

County: Lea

UTM NAD83 Radius Search (in meters):

Easting (X): 672645.622

Northing (Y): 3555737.748

Radius: 1609.3

*UTM location was derived from PLSS - see Help

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

Well 8: ARNOTT RAMSAY NCT E #13

XI. Exhibit D8b

Location: Twn 25S Rge 37E Sec 16

Footages: 636 FSL 2005 FWL

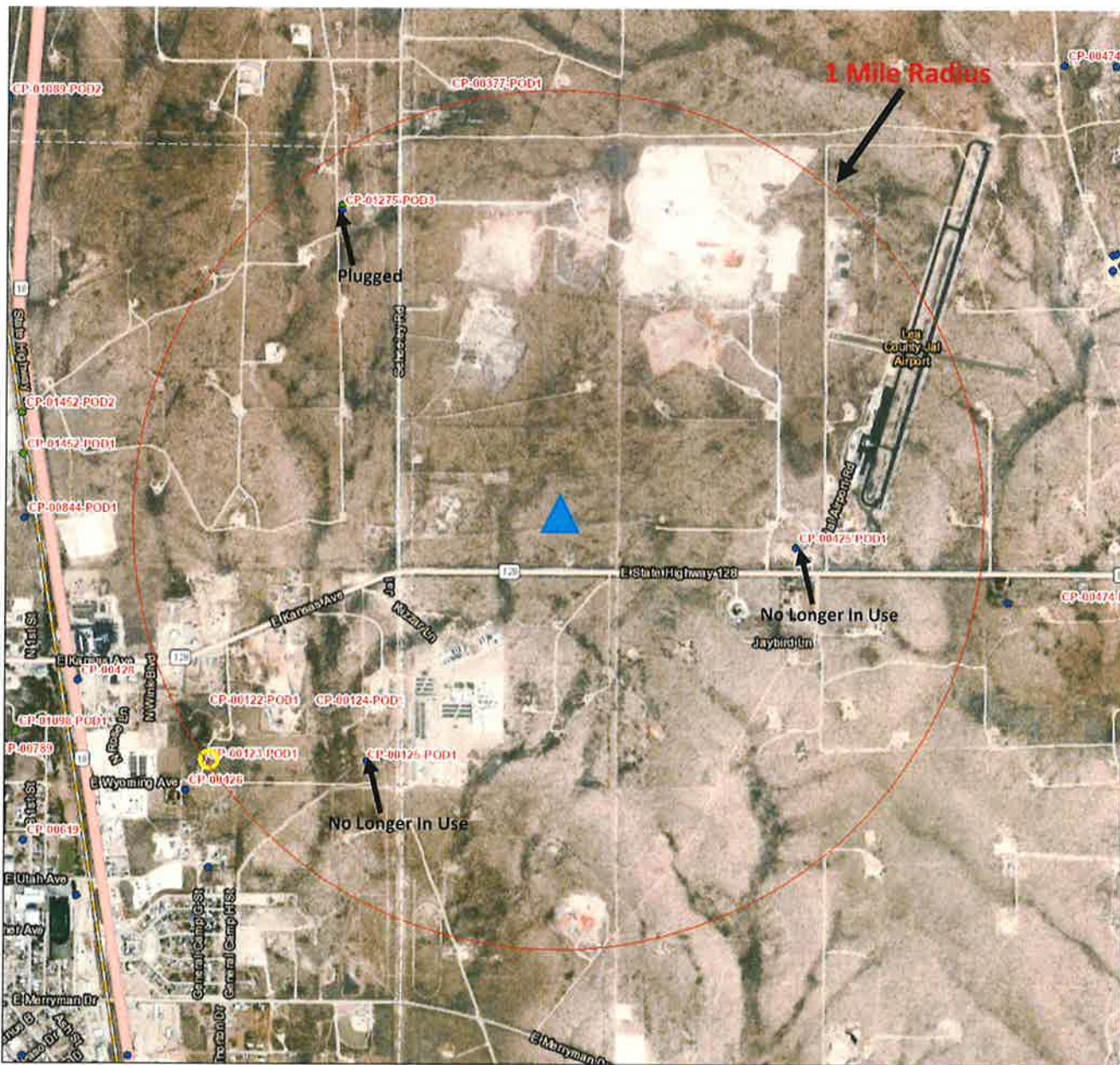
County: Lea

Location For Office of the State Engineer:

NAD 1983 UTM Zone 13

Easting (X): **672645.622** mtrs

Northing (Y): **3555737.748** mtrs



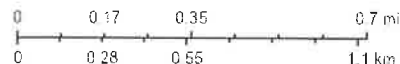
6/22/2022, 2:34:25 PM

GIS WATERS PODs

▲ C-108 Injector

- Active
- Pending
- Site Boundaries

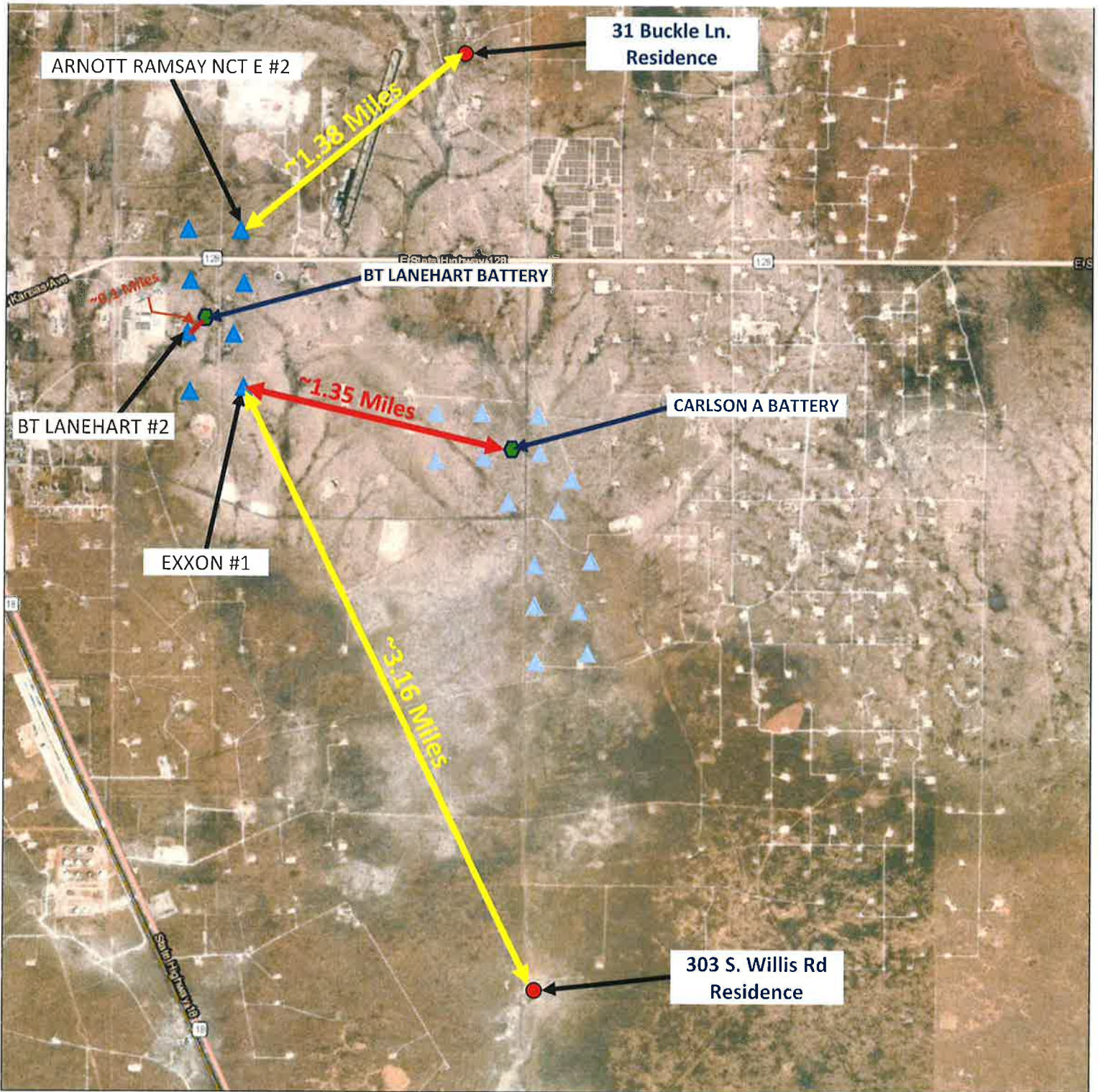
1:18,056



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XI. Exhibit E1

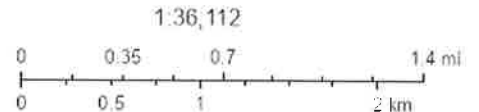
Fresh Water & Injection Water Sample Locations



5/26/2022, 1:08:11 PM

Site Boundaries

▲ C-108 Injector



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XI. Exhibit E2



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

October 05, 2021

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

RE: EAST OF JAL

Enclosed are the results of analyses for samples received by the laboratory on 09/29/21 11:40.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704598-21-14. 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/qafab/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, V3)

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

Method SM 9223-B	Total Coliform and E. coli (Coliform MUG-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,

Cheryl 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: EAST OF JAL Project Number: NONE GIVEN Project Manager: JAMES MARTINEZ Fax To:	Reported: 05-Oct-21 14:17
--------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------	------------------------------

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
31 BUCKLE LN RESIDENCE- 32.137	H212702-01	Water	28-Sep-21 09:00	29-Sep-21 11:40
303 S. WILLIS RD- MARTIN 32.0726	H212702-02	Water	28-Sep-21 09:30	29-Sep-21 11:40
BT LANHART BAT - PRODUCED	H212702-03	Water	28-Sep-21 10:00	29-Sep-21 11:40
CARLSON A BAT - PRODUCED	H212702-04	Water	28-Sep-21 10:15	29-Sep-21 11:40

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 or 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 damage 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 aboveset forth reasons or otherwise. Results relate 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 E4



PHONE (575) 993-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

FORTY ACRES ENERGY 11777 KATY FREEWAY STE. 305 B HOUSTON TX, 77079	Project: EAST OF JAL Project Number: NONE GIVEN Project Manager: JAMES MARTINEZ Fax To:	Reported: 05-Oct-21 14:17
--------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------	------------------------------

31 BUCKLE LN RESIDENCE- 32.137172- 103.147540

H212702-01 (Water)

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

Cardinal Laboratories

Inorganic Compounds

Chloride*	600		4.00	mg/L	1	1092909	AC	29-Sep-21	4500-Cl-B	
TDS*	2660		5.00	mg/L	1	1092310	AC	30-Sep-21	160.1	

31 BUCKLE LANE:
Residential
Water Supply Well

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

XI. Exhibit E5



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

Analytical Results For:

FORTY ACRES ENERGY 11777 KATY FREEWAY STE. 305 B HOUSTON TX, 77079	Project: EAST OF JAL Project Number: NONE GIVEN Project Manager: JAMES MARTINEZ Fax To:	Reported: 05-Oct-21 14:17
--------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------	------------------------------

303 S. WILLIS RD- MARTIN 32.072644-103.140920
H212702-02 (Water)

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

Cardinal Laboratories

Inorganic Compounds

Chloride*	92.0		4.00	mg/L	1	1092909	AC	29-Sep-21	4500-Cl-B	
TDS*	684		5.00	mg/L	1	1092310	AC	30-Sep-21	160.1	

303 S. WILLIS RD:
Residential
Water Supply Well

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 or 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 services. 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 relate only to the samples identified above. This report shall not be reproduced except in full without the written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager

XI. Exhibit E6



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: EAST OF JAL Project Number: NONE GIVEN Project Manager: JAMES MARTINEZ Fax To:	Reported: 05-Oct-21 14:17
--------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------	------------------------------

BT LANHART BAT - PRODUCED H212702-03 (Water)

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

Cardinal Laboratories

Inorganic Compounds

Chloride*	91000		4.00	mg/L	1	1092909	AC	29-Sep-21	4500-Cl-B	
TDS*	155000		5.00	mg/L	1	1092907	AC	30-Sep-21	160.1	

**BT LANEHART BATTERY:
32.118749°,-103.168826°
Produced Water Sample**

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

XI. Exhibit E7



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: EAST OF JAL Project Number: NONE GIVEN Project Manager: JAMES MARTINEZ Fax To:	Reported: 05-Oct-21 14:17
--------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------	------------------------------

CARLSONA BAT - PRODUCED H212702-04 (Water)

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

Cardinal Laboratories

Inorganic Compounds

Chloride*	15600		4.00	mg/L	1	1092909	AC	29-Sep-21	4500-Cl-B	
TDS*	35800		5.00	mg/L	1	1092907	AC	30-Sep-21	160.1	

CARLSON A BATTERY:
32.110152°, -103.143242°
Produced Water Sample

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

XI. Exhibit E8



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: EAST OF JAL Project Number: NONE GIVEN Project Manager: JAMES MARTINEZ Fax To:	Reported: 05-Oct-21 14:17
--------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------	------------------------------

Inorganic Compounds - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch 1092310 - Filtration

Blank (1092310-BLK1)		Prepared: 23-Sep-21 Analyzed: 27-Sep-21								
TDS	ND	5.00	mg/L							
LCS (1092310-BS1)		Prepared: 23-Sep-21 Analyzed: 27-Sep-21								
TDS	268		mg/L	300		89.3	80-120			
Duplicate (1092310-DUP1)		Source: H212639-04 Prepared: 23-Sep-21 Analyzed: 27-Sep-21								
TDS	920	5.00	mg/L		946			2.79	20	

Batch 1092907 - Filtration

Blank (1092907-BLK1)		Prepared: 29-Sep-21 Analyzed: 04-Oct-21								
TDS	ND	5.00	mg/L							
LCS (1092907-BS1)		Prepared: 29-Sep-21 Analyzed: 30-Sep-21								
TDS	253		mg/L	300		84.3	80-120			
Duplicate (1092907-DUP1)		Source: H212702-03 Prepared: 29-Sep-21 Analyzed: 30-Sep-21								
TDS	152000	5.00	mg/L		155000			1.89	20	

Batch 1092909 - General Prep - Wet Chem

Blank (1092909-BLK1)		Prepared & Analyzed: 29-Sep-21								
Chloride	ND	4.00	mg/L							
LCS (1092909-BS1)		Prepared & Analyzed: 29-Sep-21								
Chloride	96.0	4.00	mg/L	100		96.0	80-120			

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

XI. Exhibit E9



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: EAST OF JAL Project Number: NONE GIVEN Project Manager: JAMES MARTINEZ Fax To:	Reported: 05-Oct-21 14:17
--------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------	------------------------------

Inorganic Compounds - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1092909 - General Prep - Wet Chem										
LCS Dup (1092909-BSD1)										
Chloride	100	4.00	mg/L	100		100	80-120	4.08	20	Prepared & Analyzed: 29-Sep-21
Duplicate (1092909-DUP1)										
Chloride	60.0	4.00	mg/L		60.0			0.00	20	Source: H212701-01 Prepared & Analyzed: 29-Sep-21
Matrix Spike (1092909-MS1)										
Chloride	160	4.00	mg/L	100	60.0	100	80-120			Source: H212701-01 Prepared & Analyzed: 29-Sep-21

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XI. Exhibit E10



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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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XI. Exhibit E11



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

BILL TO

ANALYSIS REQUEST

Company Name: Forty Acres Energy
Project Manager: James Moore
Address: Houston
City: Houston **State:** TX **Zip:**
Phone #: 806-420-8278 **Fax #:**
Project #: Project Owner:
Project Name: East of T20
Project Location:
Sampler Name:
FOR LAB USE ONLY

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP	MATRIX							DATE	TIME	TDS	CL							
			# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER					ACID/BASE	ICE / COOL	OTHER				
H212702	1	31 Bucite Lane Residence	X	X																
	2	303 S. WINDS ROAD - PHOENIX	X	X																
	3	30,072644 - 103140920	X	X																
	4	BT Lehart Bat - Proves																		
		Carlson 4 Bat - Proves																		

PLEASE NOTE: Laboratory and Diagnostic Cardiac's safety and client's privacy are our primary concern. For any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligent and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 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 services provided by Cardinal, regardless of whether such claim is based upon any of the above stated categories of damages.

Relinquished By: [Signature]
Date: 9/29/21
Time: 11:40
Received By: [Signature]
Date: 9/29/21
Time: 11:40

Delivered By: (Circle One)
 UPS - Bus - Other:

Observed Temp. °C: 20.7
Corrected Temp. °C: 20.2
Sample Condition: Cool Intact
 Yes No

Checked By: [Signature]
Turnaround Time: Standard Rush
Thermometer ID #113: -0.52
Correction Factor: 0.0012

Bacteria (only): Yes No
Sample Condition: Cool Intact
 Yes No
Observed Temp. °C:
Corrected Temp. °C:

† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinalassmp.com

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.

OFFSET OPERATORS:

BXP Operating, LLC:
11757 KATY FREEWAY
SUITE 475
HOUSTON, TX 77079

State Land Office:
310 Old Santa Fe Trail
Santa Fe, NM 87501

BETTIS BOYLE & STOVALL, INC.:
P.O. Box 1240
Graham, TX 76450

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

FULFER OIL & CATTLE LLC:
P.O. Box 1224
Jal, NM 88252

PROVIDENCE ENERGY SERVS INC.-KELTON OP CORP:
P.O. Box 928
2408 NW Mustang Dr.
Andrews, TX 79714

SURFACE OWNERS:

Johnny Owen
PO Box 1013
Jal, NM 88252

Lillian Lanehart
35108 Deer Trail
Alpharetta, GA 30004

Chisos LTD
1900 Dalrock Rd
Rowlett, TX 75088

State Land Office-Grazing Deep Wells Ranch
310 Old Santa Fe Trail
Santa Fe, NM 87501

FAE II Operating, LLC

SJU Yates-SR Pilot
2 Mile Radius Wells

2 Mile Radius	WELL/API	OPERATOR	WELL LABEL	TD	WELL TYPE	CURRENT ZONE	SPUD DATE	COMP DATE	TOWNSHIP	RANGE	SECTION	FOOTAGE
30025097210000	Sabinal Energy Operating, LLC	STUART	LANGUE MATTX UNIT #117	3431	INJECT	[37240] LANGUE MATTX-7 RVR5-Q-GRAVBURG	5/9/1936	7/11/1936	255	37E	10	1980 FEL 1980 FNL
30025097990000	HERMAN L. LOEB LLC	STUART	LANGUE MATTX UNIT #117	3448	PLUGGED GAS	[37240] LANGUE MATTX-7 RVR5-Q-GRAVBURG	5/4/1936	6/3/1936	255	37E	21	1979 FEL 1983 FEL
30025114490000	PLAINS PRODUCTION COMPANY	STUART	GEORGE SMITH 1	3750	DHSORG	PLUGGED	2/22/1936	6/5/1936	255	37E	4	660 FEL 660 FNL
30025114490000	BURLINGTON RESOURCES OIL & GAS COMPANY L	STUART	WELLS-FEDERAL 11	3476	PLUGGED GAS	[33820] JALMAT-TAN-YATES-7 RVR5 (OIL)	10/29/1957	12/15/1957	255	37E	4	2317 FWL 430 FSL
30025114840000	FULFER OIL & CATTLE LLC	STUART	LANGUE JAL UNIT #8	3338	INJECT	[33820] JALMAT-TAN-YATES-7 RVR5 (OIL)	9/13/1953	9/30/1953	255	37E	7	2310 FEL 330 FSL
30025114860000	FULFER OIL & CATTLE LLC	STUART	LANGUE JAL UNIT #9	3325	OIL	[33820] JALMAT-TAN-YATES-7 RVR5 (OIL)	3/5/1954	3/27/1954	255	37E	7	990 FEL 330 FSL
30025114880000	FULFER OIL & CATTLE LLC	STUART	LANGUE JAL UNIT #004	3350	INJECT	[33820] JALMAT-TAN-YATES-7 RVR5 (OIL)	6/29/1954	6/29/1954	255	37E	7	960 FEL 1650 FSL
30025114920000	TEXAS PACIFIC OIL COMPANY	STUART	CALLEY 1	3400	ABO&GW	PLUGGED	9/27/1948	11/23/1948	255	37E	7	339 FEL 2301 FNL
30025114930000	BXP Operating, LLC	STUART	LANGUE JAL UNIT #85	3686	INJECT	[37240] LANGUE MATTX-7 RVR5-Q-GRAVBURG	12/15/1934	9/8/1935	255	37E	8	660 FEL 660 FNL
30025114940000	PHILLIPS PETROLEUM COMPANY	STUART	Woolworth 3	3441	DHSORG	PLUGGED	10/5/1935	11/19/1935	255	37E	8	1980 FWL 660 FSL
30025114950000	BXP Operating, LLC	STUART	LANGUE JAL UNIT #082	3466	OIL	[37240] LANGUE MATTX-7 RVR5-Q-GRAVBURG	7/15/1937	9/27/1937	255	37E	8	660 FEL 1980 FSL
30025114970000	BXP Operating, LLC	STUART	LANGUE JAL UNIT #074	3672	OIL	[37240] LANGUE MATTX-7 RVR5-Q-GRAVBURG	9/29/1937	10/29/1937	255	37E	8	660 FEL 660 FNL
30025114980000	BXP Operating, LLC	STUART	LANGUE JAL UNIT #073	3662	OIL	[37240] LANGUE MATTX-7 RVR5-Q-GRAVBURG	1/31/1938	3/20/1938	255	37E	8	1980 FEL 660 FNL
30025114990000	BXP Operating, LLC	STUART	LANGUE JAL UNIT #077	3650	PLUGGIN	PLUGGED	10/28/1937	11/28/1937	255	37E	8	1650 FEL 1650 FNL
30025114990000	BXP Operating, LLC	STUART	LANGUE JAL UNIT #78	3730	OIL	[37240] LANGUE MATTX-7 RVR5-Q-GRAVBURG	4/5/1938	5/10/1938	255	37E	8	2310 FEL 430 FSL
30025115000000	BXP Operating, LLC	STUART	LANGUE JAL UNIT #86	3755	OIL	[37240] LANGUE MATTX-7 RVR5-Q-GRAVBURG	12/27/1952	1/29/1953	255	37E	8	2310 FEL 2310 FSL
30025115020000	FULFER OIL & CATTLE LLC	STUART	LANGUE JAL UNIT #081	3652	INJECT	[37240] LANGUE MATTX-7 RVR5-Q-GRAVBURG	2/5/1948	3/12/1953	255	37E	8	2310 FEL 1980 FSL
30025115030000	FULFER OIL & CATTLE LLC	STUART	LANGUE JAL UNIT #006	3540	OIL	[33820] JALMAT-TAN-YATES-7 RVR5 (OIL)	9/6/1948	10/17/1948	255	37E	8	2310 FWL 2310 FSL
30025115030000	FULFER OIL & CATTLE LLC	STUART	LANGUE JAL UNIT #11	3560	OIL	[33820] JALMAT-TAN-YATES-7 RVR5 (OIL)	3/25/1952	4/22/1952	255	37E	8	2310 FWL 990 FSL
30025115050000	FULFER OIL & CATTLE LLC	STUART	LANGUE JAL UNIT #29	3585	OIL	[33820] JALMAT-TAN-YATES-7 RVR5 (OIL)	3/27/1951	3/27/1951	255	37E	8	990 FWL 990 FSL
30025115050000	EL PASO NATURAL GAS COMPANY	STUART	JAL D 3	3043	PLUGOIL	PLUGGED	8/15/1948	4/12/1949	255	37E	8	2310 FEL 990 FNL
30025115060000	BXP Operating, LLC	STUART	LANGUE JAL UNIT #72	3748	INJECT	[37240] LANGUE MATTX-7 RVR5-Q-GRAVBURG	11/13/1937	12/27/1937	255	37E	8	2310 FWL 660 FNL
30025115070000	FAE II Operating, LLC	STUART	F M BURLESON WN 2	3467	OIL	[33820] JALMAT-TAN-YATES-7 RVR5 (OIL) ; [79240] JALMAT-TAN-YATES-7 RVR5 (GAS)	6/22/1939	8/18/1939	255	37E	8	2310 FWL 1980 FNL
30025115080000	CHAPARRAL ENERGY LLC	STUART	LANGUE JAL UNIT #020	3380	PLUGGIN	PLUGGED	4/21/1954	5/17/1954	255	37E	8	500 FWL 330 FSL
30025115090000	FULFER OIL & CATTLE LLC	STUART	SOUTH LANGUE JAL UNIT #5	3402	OIL	[33820] JALMAT-TAN-YATES-7 RVR5 (OIL)	2/29/1948	4/25/1948	255	37E	8	990 FWL 2310 FSL
30025115100000	BXP Operating, LLC	STUART	LANGUE JAL UNIT #075	3667	INJECT	[37240] LANGUE MATTX-7 RVR5-Q-GRAVBURG	10/7/1938	11/10/1938	255	37E	9	660 FWL 660 FNL
30025115110000	FULFER OIL & CATTLE LLC	STUART	PRICHARD A 1	3169	GAS	[79240] JALMAT-TAN-YATES-7 RVR5 (GAS)	2/15/1957	6/12/1957	255	37E	9	1980 FEL 1980 FNL
30025115120000	BXP Operating, LLC	STUART	LANGUE JAL UNIT #84	3607	OIL	[37240] LANGUE MATTX-7 RVR5-Q-GRAVBURG	4/28/1937	5/28/1937	255	37E	9	660 FWL 660 FSL
30025115130000	BXP Operating, LLC	STUART	LANGUE JAL UNIT #083	3463	INJECT	[37240] LANGUE MATTX-7 RVR5-Q-GRAVBURG	9/21/1937	12/1/1937	255	37E	9	660 FWL 1980 FSL
30025115140000	STANOLIND OIL	STUART	LANGUE B 5	3732	DHSORG	PLUGGED	8/9/1938	10/11/1938	255	37E	9	660 FEL 660 FSL
30025115150000	TEXAS PACIFIC OIL COMPANY	STUART	PRICHARD A 2	3532	DHSO	PLUGGED	2/15/1961	3/15/1961	255	37E	9	330 FEL 1980 FNL
30025115160000	Sabinal Energy Operating, LLC	STUART	LANGUE MATTX UNIT #115	3444	INJECT	[37240] LANGUE MATTX-7 RVR5-Q-GRAVBURG	6/21/1938	8/1/1938	255	37E	10	990 FWL 1980 FNL
30025115170000	BXP Operating, LLC	STUART	LANGUE MATTX QUEEN UNIT #6	3294	OIL	[37240] LANGUE MATTX-7 RVR5-Q-GRAVBURG	2/11/1936	5/5/1936	255	37E	10	1980 FEL 660 FSL
30025115180000	BXP Operating, LLC	STUART	LANGUE MATTX QUEEN UNIT #7	3421	INJECT	[37240] LANGUE MATTX-7 RVR5-Q-GRAVBURG	9/7/1936	3/14/1937	255	37E	10	990 FEL 990 FSL
30025115190000	Sabinal Energy Operating, LLC	STUART	LANGUE MATTX QUEEN UNIT #124	3461	OIL	[37240] LANGUE MATTX-7 RVR5-Q-GRAVBURG	1/9/1938	3/11/1938	255	37E	10	990 FWL 2310 FSL
30025115210000	BXP Operating, LLC	STUART	LANGUE MATTX QUEEN UNIT #5	3416	PLUGOIL	PLUGGED	3/28/1947	5/19/1947	255	37E	10	245 FEL 990 FSL
30025115220000	BXP Operating, LLC	STUART	LANGUE MATTX QUEEN UNIT #4	3415	OIL	[37240] LANGUE MATTX-7 RVR5-Q-GRAVBURG	3/19/1937	4/23/1937	255	37E	10	2310 FWL 990 FSL
30025115240000	Sabinal Energy Operating, LLC	STUART	LANGUE MATTX UNIT #116	3432	TA	[37240] LANGUE MATTX-7 RVR5-Q-GRAVBURG	8/22/1937	10/12/1937	255	37E	10	1980 FWL 1980 FNL
30025115250000	Sabinal Energy Operating, LLC	STUART	LANGUE MATTX UNIT #118	3422	OIL	[37240] LANGUE MATTX-7 RVR5-Q-GRAVBURG	11/14/1937	12/28/1937	255	37E	10	660 FEL 1980 FNL
30025115250000	ENERGEN RESOURCES CORPORATION	STUART	LANGUE MATTX UNIT 112	3430	PLUGOIL	PLUGGED	6/19/1938	7/18/1938	255	37E	10	1980 FEL 660 FNL
30025115270000	Sabinal Energy Operating, LLC	STUART	LANGUE MATTX UNIT #113	3420	OIL	[37240] LANGUE MATTX-7 RVR5-Q-GRAVBURG	5/15/1939	6/17/1939	255	37E	10	1650 FWL 990 FNL
30025115290000	Sabinal Energy Operating, LLC	STUART	LANGUE MATTX UNIT #114	3440	OIL	[37240] LANGUE MATTX-7 RVR5-Q-GRAVBURG	9/9/1939	9/9/1939	255	37E	10	1650 FWL 990 FNL
30025115290000	TENNECO OIL COMPANY	STUART	STUART 1	3425	PLUGOIL	PLUGGED	9/13/1937	11/25/1937	255	37E	10	990 FWL 990 FNL
30025115300000	Sabinal Energy Operating, LLC	STUART	LANGUE MATTX UNIT #122	3353	PLUGOIL	PLUGGED	5/20/1936	7/28/1936	255	37E	10	1650 FEL 1650 FSL
30025115310000	ENERGEN RESOURCES CORPORATION	STUART	LANGUE MATTX UNIT #121	3380	PLUGOIL	PLUGGED	4/4/1937	4/30/1937	255	37E	10	990 FEL 1650 FSL
30025115320000	ENERGEN RESOURCES CORPORATION	STUART	LANGUE MATTX UNIT #123	3344	PLUGOIL	PLUGGED	5/12/1937	7/14/1937	255	37E	10	2310 FWL 2310 FNL
30025115330000	ENERGEN RESOURCES CORPORATION	STUART	LANGUE MATTX UNIT 119	3430	PLUGOIL	PLUGGED	8/12/1938	10/1/1938	255	37E	11	330 FWL 2310 FNL
30025115390000	LINN OPERATING, LLC	STUART	LANGUE MATTX QUEEN UNIT #8	3409	PLUGOIL	PLUGGED	10/27/1937	11/24/1937	255	37E	11	330 FWL 990 FSL
30025115420000	PRIZE OPERATING COMPANY	STUART	LANGUE MATTX QUEEN UNIT #1	3410	PLUGOIL	PLUGGED	7/5/1937	8/4/1937	255	37E	11	330 FWL 1650 FSL
30025115800000	LINN OPERATING, LLC	STUART	LANGUE MATTX QUEEN UNIT #13	3423	PLUGOIL	PLUGGED	10/7/1937	11/16/1937	255	37E	14	660 FWL 660 FNL

FAE II Operating, LLC

SJU Yates-SR Pilot
2 Mile Radius Wells

30025115820000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #18	6000	OIL	[34220] JUSTIS-BLINEBRV-TURB-DRINKARD	5/25/1960	7/30/1960	255	37E	14	1650 FWL 330 FSL
30025115840000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #17	6050	OIL	[34220] JUSTIS-BLINEBRV-TURB-DRINKARD	8/25/1961	10/13/1961	255	37E	14	1650 FWL 1650 FSL
30025115980000	ARCO OIL & GAS CORPORATION	STUART A 1	3395	PLUGGAS	PLUGGED	2/27/1938	3/15/1938	255	37E	14	1650 FWL 330 FSL
30025115930000	CIMAREX ENERGY CO. OF COLORADO	LANGUE FEDERAL #1	4962	PLUGGAS	PLUGGED	10/29/1954	1/9/1955	255	37E	14	1980 FEL 1980 FSL
30025115940000	MERIT ENERGY COMPANY, LLC	LANGUE MATTIX QUEEN UNIT #18	3427	PLUGGAS	PLUGGED	4/30/1938	6/10/1938	255	37E	14	330 FWL 1980 FNL
30025115950000	EL PASO NATURAL GAS CO	LANGUE A FEDERAL #2	3270	PLUGGAS	PLUGGED	12/6/1954	1/1/1955	255	37E	14	1980 FWL 1980 FSL
30025115960000	BXP Operating, LLC	LANGUE MATTIX QUEEN UNIT #27	3375	INJECT	[37240] LANGUE MATTIX-7 RVRS-Q-GRAVBURG	7/28/1937	8/30/1937	255	37E	14	660 FWL 660 FSL
30025115970000	PRIZE OPERATING COMPANY	LANGUE MATTIX QUEEN UNIT #21	3418	PLUIGNI	PLUGGED	7/18/1938	9/6/1938	255	37E	14	660 FWL 1980 FSL
30025115980000	FAE II Operating, LLC	RICHARD 1	2980	GAS	[79240] JALMATT-TAN-VATES-7 RVRS (GAS)	6/18/1956	7/12/1956	255	37E	15	1980 FWL 660 FSL
30025115990000	BXP Operating, LLC	LANGUE MATTIX QUEEN UNIT #20	3395	OIL	[37240] LANGUE MATTIX-7 RVRS-Q-GRAVBURG	12/31/1937	2/5/1938	255	37E	15	660 FEL 1980 FSL
30025116000000	BXP Operating, LLC	LANGUE MATTIX QUEEN UNIT #24	3375	OIL	[37240] LANGUE MATTIX-7 RVRS-Q-GRAVBURG	4/30/1937	6/10/1937	255	37E	15	1650 FEL 330 FSL
30025116010000	BXP Operating, LLC	LANGUE MATTIX QUEEN UNIT #19	3418	INJECT	[37240] LANGUE MATTIX-7 RVRS-Q-GRAVBURG	5/29/1937	8/17/1937	255	37E	15	1980 FEL 1980 FSL
30025116020000	SKELLY OIL COMPANY	STUART 1	3416	JNK	PLUGGED	5/3/1936	10/6/1936	255	37E	15	1980 FWL 660 FNL
30025116030000	BXP Operating, LLC	LANGUE MATTIX QUEEN UNIT #10	3402	OIL	[37240] LANGUE MATTIX-7 RVRS-Q-GRAVBURG	10/13/1936	11/28/1936	255	37E	15	2090 FWL 520 FNL
30025116040000	MOBIL PRODUCING TEXAS & NEW MEXICO INC	LANGUE MATTIX QN U 25	3400	PLUIGNI	PLUGGED	6/23/1937	7/26/1937	255	37E	15	990 FEL 330 FSL
30025116050000	STANLIND OIL	LANGUE B FEDERAL 1	3418	PLUGGAS	PLUGGED	8/31/1936	11/30/1936	255	37E	15	1980 FWL 1980 FNL
30025116060000	WILDCAT ENERGY LLC	LANGUE B FEDERAL 2	3458	GAS	[79240] JALMATT-TAN-VATES-7 RVRS (GAS)	7/31/1937	9/22/1937	255	37E	15	660 FWL 660 FNL
30025116070000	BXP Operating, LLC	LANGUE MATTIX QUEEN UNIT #11	3390	INJECT	[37240] LANGUE MATTIX-7 RVRS-Q-GRAVBURG	4/23/1936	6/17/1936	255	37E	15	1980 FEL 660 FNL
30025116080000	PRIZE OPERATING COMPANY	LANGUE MATTIX QUEEN UNIT #16	3383	PLUGGAS	PLUGGED	3/77/1937	4/18/1937	255	37E	15	1980 FEL 1980 FNL
30025116090000	BXP Operating, LLC	LANGUE MATTIX QUEEN UNIT #12	3330	OIL	[37240] LANGUE MATTIX-7 RVRS-Q-GRAVBURG	5/31/1937	7/6/1937	255	37E	15	660 FEL 660 FNL
30025116100000	PRIZE OPERATING COMPANY	LANGUE MATTIX QUEEN UNIT #17	3364	PLUIGNI	PLUGGED	2/16/1938	3/19/1938	255	37E	15	660 FEL 1980 FNL
30025116110000	ARNOIT RAMSAY E 1	ARNOIT RAMSAY E 1	3512	PLUGGAS	PLUGGED	6/8/1937	8/9/1937	255	37E	16	660 FWL 660 FNL
30025116120000	OXY USA INC	ARNOIT RAMSAY NCT E 2	3153	PLUGGAS	PLUGGED	11/4/1939	3/10/1940	255	37E	16	655 FSL 1977 FEL
30025116130000	BC OPERATING, INC	SOUTH LANGUE JAL UNIT #024	3392	PLUIGNI	PLUGGED	12/14/1952	1/9/1953	255	37E	18	1650 FEL 660 FSL
30025116140000	CHAARRAL ENERGY LLC	SOUTH LANGUE JAL UNIT #016	3350	PLUIGNI	PLUGGED	3/30/1953	8/26/1952	255	37E	18	1980 FEL 2310 FSL
30025116150000	BC OPERATING, INC	SOUTH LANGUE JAL UNIT #021	3336	PLUIGNI	PLUGGED	7/27/1952	4/14/1952	255	37E	18	330 FEL 2310 FSL
30025116160000	FUFER OIL & CATTLE LLC	SOUTH LANGUE JAL UNIT #025	3377	OIL	[33820] JALMATT-TAN-VATES-7 RVRS (OIL)	10/1/1952	11/15/1952	255	37E	18	990 FEL 330 FSL
30025116170000	BC OPERATING, INC	SOUTH LANGUE JAL UNIT #017	3449	OIL	[33820] JALMATT-TAN-VATES-7 RVRS (OIL)	2/23/1953	3/10/1953	255	37E	18	330 FEL 2310 FNL
30025116180000	FUFER OIL & CATTLE LLC	SOUTH LANGUE JAL UNIT #12	3439	PLUGGAS	PLUGGED	8/17/1953	8/27/1953	255	37E	18	2310 FEL 990 FNL
30025116190000	BC OPERATING, INC	SOUTH LANGUE JAL UNIT #13	3320	PLUIGNI	PLUGGED	2/2/1954	2/28/1954	255	37E	18	990 FEL 990 FNL
30025116200000	MERIDIAN OIL INCORPORATED	EC WINTERS 1	2938	PLUGGAS	PLUGGED	4/25/1952	5/8/1952	255	37E	18	1980 FEL 660 FNL
30025116210000	BURLINGTON RESOURCES OIL & GAS CO	WILLINGHAM 2	2841	PLUGGAS	PLUGGED	11/22/1949	12/6/1949	255	37E	19	653 FEL 598 FSL
30025116220000	BETTIS BOYLE & STOVALL, INC.	JUSTIS BM B 4	3380	OIL	[33820] JALMATT-TAN-VATES-7 RVRS (OIL)	3/15/1953	4/7/1953	255	37E	19	925 FEL 225 FNL
30025116230000	HERMAN LIOEB	SHOLES B 19 #1	2945	PLUGGAS	PLUGGED	2/27/1941	3/22/1941	255	37E	19	1980 FWL 660 FSL
30025116240000	CONOCO INCORPORATED	SHOLES B 19 2	3000	PLUGGAS	PLUGGED	8/23/1948	9/9/1948	255	37E	19	2310 FWL 990 FNL
30025116250000	CONOCO INCORPORATED	SHOLES B-19 3	3400	PLUGGAS	PLUGGED	7/1/1953	7/16/1953	255	37E	19	1980 FEL 660 FNL
30025116260000	GULF OIL CORPORATION	ARNOIT RAMSAY NCT E 4	3400	PLUGGAS	PLUGGED	5/1/1953	6/15/1953	255	37E	16	660 FWL 1980 FSL
30025116270000	GULF OIL CORPORATION	ARNOIT RAMSAY NCT E 3	3125	PLUGGAS	PLUGGED	1/18/1951	3/10/1951	255	37E	16	705 FWL 615 FSL
30025116280000	JR OIL, LTD. CO.	ARNOIT RAMSAY NCT E 5	3385	PLUIGNI	PLUGGED	6/3/1953	8/1/1953	255	37E	16	560 FWL 1980 FSL
30025116290000	BETTIS BOYLE & STOVALL, INC.	STATE O 1	3790	PLUGGAS	PLUGGED	6/27/1955	9/17/1955	255	37E	16	660 FEL 660 FNL
30025116300000	BXP Operating, LLC	LANGUE JAL UNIT #89	3661	INJECT	[37240] LANGUE MATTIX-7 RVRS-Q-GRAVBURG	11/12/1952	12/16/1952	255	37E	17	660 FEL 1980 FNL
30025116310000	FAE II Operating, LLC	LANGUE A FEDERAL 1	2980	GAS	[33820] JALMATT-TAN-VATES-7 RVRS (OIL) ; [79240] JALMATT-TAN-VATES-7 RVRS (GAS)	5/25/1952	6/18/1952	255	37E	17	2310 FEL 2310 FSL
30025116320000	Petroleum Exploration Company Ltd., Limi	WOOLWORTH WIN #1	3454	GAS	[79240] JALMATT-TAN-VATES-7 RVRS (GAS)	2/25/1939	5/77/1939	255	37E	17	990 FEL 330 FNL
30025116330000	BXP Operating, LLC	LANGUE JAL UNIT #093	3520	INJECT	[37240] LANGUE MATTIX-7 RVRS-Q-GRAVBURG	6/18/1952	7/24/1952	255	37E	17	660 FEL 660 FSL
30025116340000	BXP Operating, LLC	LANGUE JAL UNIT #87	3650	OIL	[37240] LANGUE MATTIX-7 RVRS-Q-GRAVBURG	12/7/1952	12/30/1952	255	37E	17	1980 FEL 660 FNL
30025116350000	PHOENIX HYDROCARBONS OPERATING CORP	LANGUE JAL UNIT 95	3382	PLUGGAS	PLUGGED	10/10/1952	11/25/1952	255	37E	17	1980 FEL 990 FSL
30025116360000	BXP Operating, LLC	LANGUE JAL UNIT #092	3388	OIL	[37240] LANGUE MATTIX-7 RVRS-Q-GRAVBURG	10/29/1952	11/21/1952	255	37E	17	660 FEL 1980 FSL
30025116370000	FUFER OIL & CATTLE LLC	SOUTH LANGUE JAL UNIT #22	3375	OIL	[33820] JALMATT-TAN-VATES-7 RVRS (OIL)	9/28/1951	12/27/1951	255	37E	17	990 FWL 2310 FSL
30025116380000	BC OPERATING, INC.	SOUTH LANGUE JAL UNIT #23	3405	PLUIGNI	PLUGGED	1/31/1949	4/7/1949	255	37E	17	2310 FWL 2310 FSL
30025116390000	TEXACO EXPLORATION & PRODUCTION INC	WOOLWORTH B #1	3080	PLUGGAS	PLUGGED	1/15/1952	2/15/1952	255	37E	17	990 FWL 330 FNL
30025116400000	FUFER OIL & CATTLE LLC	SOUTH LANGUE JAL UNIT #19	3509	OIL	[33820] JALMATT-TAN-VATES-7 RVRS (OIL)	1/15/1952	2/15/1952	255	37E	17	1980 FWL 1980 FNL
30025116410000	FUFER OIL & CATTLE LLC	SOUTH LANGUE JAL UNIT #027	3400	OIL	[33820] JALMATT-TAN-VATES-7 RVRS (OIL)	3/23/1952	4/17/1952	255	37E	17	2310 FWL 990 FSL

FAE II Operating LLC

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30025116420000	FULFER OIL & CATTLE LLC	SOUTH LANGUE JAL UNIT #18	3397	TA	[33820] JALMAT:TAN-YATES-7 RVRIS (OIL)	3/21/1952	4/7/1952	255	37E	17	990 FWL 1980 FNL
30025116430000	BKR Operating, LLC	LANGUE JAL UNIT #90	3565	OIL	[37240] LANGUE MATTIK:7 RVRIS-Q-GRAVBURG	7/10/1952	7/28/1952	255	37E	17	2310 FEL 1650 FNL
30025116440000	LEGACY RESERVES OPERATING, LP	LANGUE JAL UNIT #88	3365	PLUGOIL	PLUGGED	8/20/1952	9/10/1952	255	37E	17	330 FEL 990 FNL
30025116450000	BC OPERATING, INC.	SOUTH LANGUE UNIT #26	3655	PLUGOIL	PLUGGED	8/1/1953	8/26/1953	255	37E	17	330 FWL 330 FSL
30025116460000	TEXACO EXPLORATION & PRODUCTION INC	SOUTH LANGUE UNIT 14	3390	PLUGOIL	PLUGGED	5/13/1954	6/1/1954	255	37E	17	446 FWL 990 FNL
30025116470000	BC OPERATING, INC.	SOUTH LANGUE JAL UNIT #15	3380	PLUGOIL	PLUGGED	2/24/1952	3/18/1952	255	37E	17	1980 FWL 990 FNL
30025116530000	Extek Operating Company	JALMAT YATES UNIT #24	3400	OIL	[33820] JALMAT:TAN-YATES-7 RVRIS (OIL)	11/27/1953	1/25/1954	255	37E	18	1980 FWL 990 FNL
30025116540000	Extek Operating Company	JALMAT YATES UNIT #30	3082	INJECT	[33820] JALMAT:TAN-YATES-7 RVRIS (OIL)	12/22/1949	1/26/1950	255	37E	18	2310 FWL 2310 FSL
30025116550000	TEXAS PACIFIC OIL COMPANY	SOUTH LANGUE JAL UNIT #20	3569	PLUGOIL	PLUGGED	7/8/1950	6/28/1951	255	37E	18	1980 FEL 1980 FSL
30025116560000	FULFER OIL & CATTLE LLC	GUTMAN 18.1	2795	PLUGGAS	PLUGGED	3/25/1931	6/24/1931	255	37E	19	660 FEL 1980 FNL
30025116570000	DOYLE HARTMAN	JUSTIS BM A.1	3371	OIL	[33820] JALMAT:TAN-YATES-7 RVRIS (OIL)	12/1/1950	6/24/1959	255	37E	20	1905 FEL 1650 FNL
30025116590000	TEXAS PACIFIC OIL COMPANY	HANMER 2	3440	PLUGOIL	PLUGGED	5/6/1959	6/24/1959	255	37E	20	330 FWL 1650 FNL
30025116600000	BETTIS BOYLE & STOVALL, INC.	CHRISTMAS 1	3285	PLUGOIL	PLUGGED	8/29/1939	2/8/1940	255	37E	20	660 FEL 1980 FNL
30025116610000	BETTIS BOYLE & STOVALL, INC.	JOHNS FEDERAL 1	3412	OIL	[33820] JALMAT:TAN-YATES-7 RVRIS (OIL)	11/1/1953	11/21/1953	255	37E	20	660 FEL 1980 FNL
30025116620000	TENNECO OIL COMPANY	JUSTIS A FEDERAL 1	3501	PLUGOIL	PLUGGED	9/30/1934	5/11/1936	255	37E	20	330 FWL 990 FNL
30025116630000	BETTIS BOYLE & STOVALL, INC.	B M JUSTIS C 5	3370	OIL	[33820] JALMAT:TAN-YATES-7 RVRIS (OIL)	7/1/1953	7/26/1953	255	37E	20	1670 FWL 370 FNL
30025116640000	BETTIS BOYLE & STOVALL, INC.	JUSTIS BM A 6	3332	TA	[33820] JALMAT:TAN-YATES-7 RVRIS (OIL)	11/1/1954	12/23/1954	255	37E	20	330 FEL 2310 FNL
30025116650000	BETTIS BOYLE & STOVALL, INC.	B M JUSTIS A 3	3380	OIL	[33820] JALMAT:TAN-YATES-7 RVRIS (OIL)	1/8/1945	10/18/1945	255	37E	20	1980 FEL 990 FNL
30025116670000	BETTIS BOYLE & STOVALL, INC.	V H JUSTIS 2	3335	PLUGOIL	PLUGGED	11/22/1953	12/9/1953	255	37E	20	420 FWL 370 FNL
30025116680000	BETTIS BOYLE & STOVALL, INC.	BATES #1	3360	PLUGGAS	PLUGGED	3/11/1936	9/11/1936	255	37E	20	660 FWL 1980 FSL
30025116690000	BETTIS BOYLE & STOVALL, INC.	B M JUSTIS A #2	3029	PLUGOIL	PLUGGED	7/28/1937	7/28/1937	255	37E	20	660 FEL 1980 FNL
30025116700000	BETTIS BOYLE & STOVALL, INC.	LEONARD 1	3362	PLUGGAS	[33820] JALMAT:TAN-YATES-7 RVRIS (OIL)	11/20/1958	12/28/1958	255	37E	20	660 FEL 1980 FNL
30025116710000	BURTSON PETROLEUM, INC	LEONARD 2	3620	OIL	[33820] JALMAT:TAN-YATES-7 RVRIS (OIL)	5/6/1956	9/10/1936	255	37E	20	660 FEL 660 FSL
30025116720000	FULFER OIL & CATTLE LLC	LEONARD 3	8940	PLUGOIL	PLUGGED	5/18/1957	9/8/1957	255	37E	20	330 FEL 330 FSL
30025116730000	FAE II Operating LLC	HANMER 1	3377	PLUGOIL	PLUGGED	12/13/1951	3/23/1952	255	37E	20	1980 FEL 660 FSL
30025116740000	FAE II Operating LLC	A B COATES B 1	3077	OIL	[33820] JALMAT:TAN-YATES-7 RVRIS (OIL)	9/18/1936	2/27/1937	255	37E	21	660 FWL 600 FNL
30025116750000	HERMAN L. LOEB LLC	HAHFELD 2	3487	PLUGGAS	PLUGGED	11/7/1948	2/12/1949	255	37E	21	660 FEL 660 FSL
30025116760000	HERMAN L. LOEB LLC	HAHFELD 1	3024	PLUGOIL	PLUGGED	12/9/1946	2/23/1947	255	37E	21	1980 FEL 660 FSL
30025116770000	FAE II Operating LLC	LANEHART 1Y	9029	OIL	[37240] LANGUE MATTIK:7 RVRIS-Q-GRAVBURG	1/14/1956	3/28/1956	255	37E	21	810 FWL 660 FSL
30025116780000	BURTSON PETROLEUM, INC	LANEHART #1	2775	PLUGGAS	PLUGGED	1/5/1951	5/21/1951	255	37E	21	660 FWL 660 FSL
30025116790000	BETTIS BOYLE & STOVALL, INC.	B T LANEHART 5	3143	PLUGGAS	PLUGGED	9/15/1955	12/28/1955	255	37E	21	2310 FEL 2310 FNL
30025116800000	BETTIS BOYLE & STOVALL, INC.	B T LANEHART 1	3446	PLUGOIL	PLUGGED	1/21/1936	4/28/1936	255	37E	21	1980 FEL 1980 FNL
30025116810000	BETTIS BOYLE & STOVALL, INC.	LANEHART 4	3101	PLUGOIL	PLUGGED	11/14/1937	12/28/1937	255	37E	21	2310 FEL 990 FNL
30025116820000	FAE II Operating LLC	B T LANEHART 3	3091	OIL	[33820] JALMAT:TAN-YATES-7 RVRIS (OIL)	3/16/1937	5/11/1937	255	37E	21	1980 FWL 660 FNL
30025116830000	ANDERSON-PRICHARD OIL CORP	CARLSON 2	3020	PLUGOIL	PLUGGED	11/18/1936	3/1/1937	255	37E	21	660 FWL 1980 FNL
30025116840000	HERMAN L. LOEB LLC	LANEHART 3	2928	PLUGGAS	PLUGGED	5/23/1937	10/1/1937	255	37E	21	990 FWL 2310 FSL
30025116850000	BURTSON LEWIS B INCORPORATED	LANEHART 1	3782	PLUGGAS	PLUGGED	7/26/1936	12/22/1936	255	37E	21	990 FEL 2310 FNL
30025116860000	HERMAN L. LOEB LLC	AZTEC 1	3565	PLUGOIL	PLUGGED	5/3/1936	6/21/1936	255	37E	21	990 FEL 2310 FNL
30025116870000	FAE II Operating LLC	B T LANEHART 2	2925	OIL	[33820] JALMAT:TAN-YATES-7 RVRIS (OIL)	6/8/1936	7/25/1936	255	37E	21	1972 FSL 1977 FWL
30025116880000	LINN OPERATING, LLC	LANGUE MATTIK QUEEN UNIT #40	3345	PLUGOIL	PLUGGED	4/5/1938	5/3/1938	255	37E	21	1980 FWL 1980 FNL
30025116890000	BKR Operating, LLC	LANGUE MATTIK QUEEN UNIT #34	3380	OIL	[37240] LANGUE MATTIK:7 RVRIS-Q-GRAVBURG	2/16/1939	3/17/1939	255	37E	22	1650 FEL 1650 FNL
30025116900000	FAE II Operating LLC	Harrison Federal #002	3366	SWD	[37240] LANGUE MATTIK:7 RVRIS-Q-GRAVBURG	7/6/1938	7/29/1938	255	37E	22	956 FEL 2308 FSL
30025116910000	ANDERSON-PRICHARD OIL CORP	INDIAN-FEDERAL 1	3007	JNK	[96112] SWD:QUEEN	12/14/1951	5/25/1952	255	37E	22	660 FWL 660 FSL
30025116920000	CIMAREX ENERGY CO. OF COLORADO	CARLSON HARRISON FEDERAL COM 1	3074	PLUGGAS	PLUGGED	7/23/1935	9/6/1935	255	37E	22	660 FWL 1980 FSL
30025116930000	BURTSON LEWIS B INCORPORATED	STUART 2	3430	PLUGGAS	PLUGGED	11/13/1956	12/27/1956	255	37E	22	2310 FWL 660 FNL
30025116940000	LINN OPERATING, LLC	LANGUE MATTIK QUEEN UNIT #30	3373	PLUGOIL	PLUGGED	2/10/1938	5/10/1938	255	37E	22	990 FEL 330 FNL
30025116950000	BKR Operating, LLC	LANGUE MATTIK QUEEN UNIT #29	3410	OIL	[37240] LANGUE MATTIK:7 RVRIS-Q-GRAVBURG	10/14/1936	4/10/1937	255	37E	22	1650 FEL 330 FNL
30025116960000	FAE II Operating LLC	CARLSON A #1	3334	OIL	[37240] LANGUE MATTIK:7 RVRIS-Q-GRAVBURG	10/27/1938	11/18/1938	255	37E	22	1650 FEL 990 FSL
30025116970000	FAE II Operating LLC	CARLSON A #2	3327	OIL	[37240] LANGUE MATTIK:7 RVRIS-Q-GRAVBURG	9/30/1938	11/21/1938	255	37E	22	990 FEL 330 FSL
30025116990000	FAE II Operating LLC	Harrison Federal #3	3403	OIL	[37240] LANGUE MATTIK:7 RVRIS-Q-GRAVBURG	8/15/1938	9/11/1938	255	37E	22	1650 FEL 1650 FNL
30025117000000	PRIZE OPERATING COMPANY	LANGUE MATTIK QUEEN UNIT #31	3361	PLUGOIL	PLUGGED	10/10/1936	11/28/1936	255	37E	23	660 FWL 660 FNL

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30025118620000	CHEVRON U S A INC	ARNOTT RAMSAY NCT B 2	3225	PLUGGAS		PLUGGED	8/22/1955	10/9/1955	255	37E	32	660 FEL 1980 FNL
30025118630000	FAE II Operating LLC	ARNOTT RAMSAY NCT-B 3	8797	TA								
30025118650000	DC ENERGY LLC	GREGORY C 1	3237	PLUGOIL	[37240] LANGUE MATTX 7 RVS-Q-GRAVBURG	PLUGGED	10/26/1956	3/8/1957	255	37E	32	600 FEL 660 FNL
30025118660000	ANDERSON-PRICHARD OIL CORPORATION	GREGORY-FEDERAL 1	3200	PLUGOIL	[79240] JALMAT-TAN-YATES-7 RVS (GAS)	PLUGGED	8/9/1957	10/31/1957	255	37E	33	1980 FWL 660 FNL
30025118680000	CIMAREX ENERGY CO. OF COLORADO	EL PASO TOM FEDERAL 6	3075	PLUGGAS		PLUGGED	3/8/1953	4/23/1953	255	37E	33	1980 FEL 1650 FSL
30025118700000	EL PASO NATURAL GAS COMPANY	GREGORY-FEDERAL 2	3620	JNK		PLUGGED	4/1/1955	5/19/1955	255	37E	33	1650 FSL 1650 FNL
30025118710000	DC ENERGY LLC	GREGORY-FEDERAL 3	8255	PLUGOIL		PLUGGED	3/28/1956	5/3/1956	255	37E	33	1650 FWL 660 FNL
30025118720000	DC ENERGY LLC	GREGORY-FEDERAL 4	8461	PLUGOIL		PLUGGED	4/13/1958	7/1/1958	255	37E	33	1980 FEL 1980 FSL
30025118730000	BURLESON LEWIS B INCORPORATED	SHAHAN 1	3260	PLUGOIL		PLUGGED	11/17/1957	1/23/1958	255	37E	33	1980 FWL 1980 FSL
30025118750000	UNIFIED OPERATING LLC	SHAHAN 2	8230	GAS	[75480] CROSBY-DEVONIAN (GAS)	PLUGGED	4/6/1957	5/30/1957	255	37E	33	1980 FEL 660 FNL
30025118760000	HERMAN L LOEB LLC	SHAHAN 3 1	3342	PLUGGAS		PLUGGED	9/2/1950	11/10/1950	255	37E	33	660 FEL 990 FNL
30025118760000	BURLESON PETROLEUM, INC	SHAHAN 33 #2	3297	PLUGOIL		PLUGGED	9/2/1950	11/10/1950	255	37E	33	660 FEL 990 FNL
30025118790000	HERMAN L LOEB LLC	SHAHAN 33 3	3227	PLUGOIL		PLUGGED	3/20/1952	4/15/1952	255	37E	33	330 FEL 1650 FNL
30025118790000	EL PASO NATURAL GAS COMPANY	GREGORY-FEDERAL 2Y	8170	PLUGGAS		PLUGGED	5/6/1956	7/19/1956	255	37E	33	1650 FWL 760 FNL
30025118800000	ORXY ENERGY CO	GREGORY A 2	3165	PLUGOIL		PLUGGED	11/9/1947	12/12/1947	255	37E	33	1980 FWL 1980 FNL
30025118810000	CIMAREX ENERGY CO. OF COLORADO	EL PASO TOM FEDERAL 7	3214	PLUGGAS		PLUGGED	9/12/1954	10/1/1954	255	37E	33	660 FWL 1980 FSL
30025118820000	LANEXCO INC	EL PASO TOM FEDERAL 9	4000	PLUGOIL		PLUGGED	10/10/1947	5/18/1948	255	37E	33	660 FWL 660 FNL
30025118830000	SUN EXPLORATION & PRODUCTION COMPANY	GREGORY A 4	3204	PLUGOIL		PLUGGED	4/23/1949	5/21/1949	255	37E	33	660 FWL 1980 FNL
30025118840000	DC ENERGY LLC	GREGORY A 5	3266	PLUGOIL		PLUGGED	11/4/1952	12/16/1952	255	37E	33	660 FWL 1980 FSL
30025118860000	ANDERSON-PRICHARD OIL CORP	DABBS 1	9004	DRY		PLUGGED	6/17/1957	9/21/1957	255	37E	34	660 FWL 1980 FSL
30025118870000	FAE II Operating LLC	DABBS 4	9273	GAS		PLUGGED	6/5/1957	9/18/1957	255	37E	34	660 FWL 1980 FSL
30025118890000	DOYLE HARTMAN	DABBS 2	3300	PLUGOIL	[79240] JALMAT-TAN-YATES-7 RVS (GAS)	PLUGGED	2/13/1952	8/13/1952	255	37E	34	330 FWL 2310 FNL
30025118910000	APCO OIL CORPORATION	DABBS 1	3350	PLUGOIL		PLUGGED	12/9/1957	4/15/1958	255	37E	34	1980 FEL 1980 FNL
30025118920000	BURLINGTON RESOURCES OIL & GAS CO	WINNINGHAM #5	3180	PLUGOIL		PLUGGED	9/18/1957	11/19/1957	255	37E	34	990 FEL 1650 FSL
300251189520000	TENNECO OIL COMPANY	JUSTIS BM B 1	365	JNK		PLUGGED	3/4/1931	3/23/1931	255	37E	19	645 FEL 1980 FNL
30025200810000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #19	5525	OIL	[34220] JUSTIS-BLINEERY-TUBB-DRINKARD	PLUGGED	4/23/1963	5/22/1963	255	37E	23	2310 FWL 660 FNL
30025201500000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #17	5610	OIL	[34220] JUSTIS-BLINEERY-TUBB-DRINKARD	PLUGGED	6/5/1963	5/19/1963	255	37E	14	2310 FWL 1650 FSL
30025204640000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #18	8195	OIL	[34220] JUSTIS-BLINEERY-TUBB-DRINKARD	PLUGGED	12/28/1962	3/31/1963	255	37E	14	2310 FWL 330 FSL
30025204920000	CIMAREX ENERGY CO. OF COLORADO	TWO STATE-STUART 1	6200	PLUGOIL		PLUGGED	12/28/1963	2/17/1964	255	37E	11	990 FWL 2310 FSL
30025205810000	BETTIS BOYLE & STOVALL, INC.	JUSTIS BM B 8	3404	GAS	[33820] JALMAT-TAN-YATES-7 RVS (OIL)	PLUGGED	2/8/1964	3/6/1964	255	37E	20	1980 FEL 1980 FNL
30025208480000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #150	6250	INJECT	[34220] JUSTIS-BLINEERY-TUBB-DRINKARD	PLUGGED	8/23/1964	10/12/1964	255	37E	14	2310 FWL 330 FNL
30025211840000	BP AMERICA PRODUCTION COMPANY	LANGUE B FEDERAL TR 5	5730	PLUGOIL		PLUGGED	3/4/1964	4/28/1964	255	37E	14	990 FWL 330 FSL
30025211840000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #16	5685	OIL		PLUGGED	10/25/1965	11/29/1965	255	37E	14	2310 FWL 1650 FNL
30025212790000	BXP Operating, LLC	HUMPHREY QUEEN UNIT #021	3544	OIL	[37240] LANGUE MATTX 7 RVS-Q-GRAVBURG	PLUGGED	8/30/1965	11/10/1965	255	37E	3	990 FWL 330 FSL
30025213340000	BETTIS BOYLE & STOVALL, INC.	JUSTIS BM 9	3400	PLUGOIL		PLUGGED	6/16/1965	9/13/1965	255	37E	19	990 FEL 1650 FSL
30025213540000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #20	6100	OIL	[34220] JUSTIS-BLINEERY-TUBB-DRINKARD	PLUGGED	8/13/1965	11/3/1965	255	37E	23	2309 FWL 1980 FNL
300252148870000	V-F PETROLEUM, INC.	CORRIGAN 1	5555	PLUGOIL		PLUGGED	2/16/1966	3/16/1966	255	37E	11	1650 FEL 990 FSL
30025219600000	HERMAN L LOEB LLC	LANGUE-FEDERAL 3	3043	PLUGGAS		PLUGGED	10/20/1966	11/22/1966	255	37E	8	1650 FEL 1650 FSL
30025219600000	LINN OPERATING, LLC.	LANGUE MATTX QUEEN UNIT #15	3043	PLUGOIL		PLUGGED	10/15/1969	11/18/1969	255	37E	15	1730 FWL 1980 FNL
30025221550000	PRIZE OPERATING COMPANY	LANGUE MATTX QUEEN UNIT #33	3444	PLUGOIL		PLUGGED	6/13/1967	5/12/1968	255	37E	22	1650 FEL 2310 FNL
30025227710000	Sabhal Energy Operating, LLC	STUART LANGUE MATTX UNIT #125	3335	INJECT	[37240] LANGUE MATTX 7 RVS-Q-GRAVBURG	PLUGGED	10/3/1968	10/29/1968	255	37E	10	1650 FWL 100 FNL
30025227730000	ENERGEN RESOURCES CORPORATION	STUART LANGUE MATTX UNIT #128	3350	PLUGOIL		PLUGGED	11/12/1968	12/1/1968	255	37E	10	100 FEL 1420 FSL
30025227800000	GLUE OIL CORPORATION	STUART LANGUE MATTX UNIT #127	3350	PLUGOIL		PLUGGED	10/31/1968	11/19/1968	255	37E	10	100 FWL 1315 FNL
30025227890000	FAE II Operating LLC	HENRY 4	7795	OIL	[37240] LANGUE MATTX 7 RVS-Q-GRAVBURG	PLUGGED	10/8/1968	11/23/1968	255	37E	26	1980 FWL 1980 FSL
30025228130000	PERMAN CORPORATION THE	SALINE 3	1311	ABDN		PLUGGED	10/21/1968	10/27/1968	255	37E	16	465 FEL 220 FSL
30025229610000	LEGACY RESERVES OPERATING, LP	EL PASO FEDERAL #2	7415	TA	[34220] JUSTIS-BLINEERY-TUBB-DRINKARD	PLUGGED	6/22/1969	9/17/1969	255	37E	23	5 FWL 660 FSL
30025231830000	LINN OPERATING, LLC.	HUMPHREY QUEEN UNIT #020	3720	PLUGOIL		PLUGGED	6/12/1969	9/12/1969	255	37E	3	5 FWL 100 FSL
30025232980000	BXP Operating, LLC.	LANGUE MATTX QUEEN UNIT #22	3650	INJECT	[37240] LANGUE MATTX 7 RVS-Q-GRAVBURG	PLUGGED	6/12/1969	9/12/1969	255	37E	3	330 FEL 1650 FNL
30025232980000	LINN OPERATING, LLC.	LANGUE MATTX QUEEN UNIT #2	3480	PLUGOIL		PLUGGED	9/19/1969	10/18/1969	255	37E	15	1633 FWL 668 FSL
30025232990000	PRIZE OPERATING COMPANY	LANGUE MATTX QUEEN UNIT #28	3516	PLUGOIL		PLUGGED	11/25/1969	1/20/1970	255	37E	11	1220 FWL 1440 FSL
30025233000000	BXP Operating, LLC	LANGUE MATTX QUEEN UNIT #32	3620	INJECT	[37240] LANGUE MATTX 7 RVS-Q-GRAVBURG	PLUGGED	10/10/1969	11/18/1969	255	37E	22	2340 FEL 500 FNL
30025233010000	MOBIL OIL CORPORATION	LANGUE MATTX QUEEN 36	4800	ABDN		PLUGGED	9/27/1969	10/27/1969	255	37E	10	2600 FEL 2530 FNL

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30025230360000	LINN OPERATING, LLC	LANGUE MATTIX QUEEN UNIT #3	3650	PLUGINI	PLUGGED		10/1/1969	11/3/1969	255	37E	10	890 FWL 990 FSL
30025234490000	PROVIDENCE ENERGY SERVICES INC.	LANGUE MATTIX QUEEN UNIT #14	3480	PLUGINI	PLUGGED		3/17/1970	4/2/1970	255	37E	14	1270 FWL 870 FNL
3002523751500000	HERMAN L LOEB LLC	COOK 3	8240	PLUGOIL	PLUGGED		8/22/1970	9/27/1970	255	37E	28	1905 FWL 660 FSL
30025237660000	BXP Operating, LLC	LANGUE MATTIX QUEEN UNIT #38	3550	OIL	[37240] LANGUE MATTIX;7 RVRs-Q-GRAVBURG		5/13/1971	6/23/1971	255	37E	15	2144 FEL 850 FSL
30025237690000	PRIZE OPERATING COMPANY	LANGUE MATTIX QUEEN UNIT #39	3450	PLUGINI	PLUGGED		7/8/1971	7/20/1971	255	37E	15	215 FEL 900 FSL
30025237800000	BXP Operating, LLC	LANGUE MATTIX QUEEN UNIT #37	3550	OIL	[37240] LANGUE MATTIX;7 RVRs-Q-GRAVBURG		5/23/1971	6/13/1971	255	37E	15	2000 FWL 2000 FSL
30025238340000	BXP Operating, LLC	LANGUE MATTIX QUEEN UNIT #9	3550	OIL	[37240] LANGUE MATTIX;7 RVRs-Q-GRAVBURG		9/10/1971	10/9/1971	255	37E	10	330 FEL 330 FSL
30025238700000	BXP Operating, LLC	LANGUE JAL UNIT #079	3600	INJECT	[37240] LANGUE MATTIX;7 RVRs-Q-GRAVBURG		9/10/1971	4/17/1972	255	37E	8	1980 FWL 1980 FNL
30025238910000	DC ENERGY LLC	CROSBY DEEP 1	10946	PLUGOIL	PLUGGED		9/29/1971	3/9/1972	255	37E	28	1980 FWL 330 FSL
30025242870000	DC ENERGY LLC	CROSBY DEEP #002	10445	SWD	[13450] CROSBY;FUSSELMAN : [96104] SWD;FUSSELMAN		11/15/1972	1/31/1973	255	37E	33	2310 FEL 1650 FNL
30025244640000	GREATHOUSE & LOVEADY	US-CROSBY 1	8160	PLUGGAS	PLUGGED		6/22/1973	9/10/1973	255	37E	28	1980 FWL 660 FSL
30025248490000	BXP Operating, LLC	LANGUE JAL UNIT #80	3850	OIL	[37240] LANGUE MATTIX;7 RVRs-Q-GRAVBURG		12/6/1974	1/6/1975	255	37E	8	430 FWL 1980 FNL
30025248800000	PHOENIX HYDROCARBONS OPERATING CORP	LANGUE JAL UNIT #2	3852	PLUGOIL	PLUGGED		10/21/1974	11/24/1974	255	37E	4	660 FWL 660 FSL
30025248810000	BXP Operating, LLC	LANGUE JAL UNIT #076	3850	PLUGOIL	PLUGGED		11/2/1974	4/25/1975	255	37E	4	660 FWL 1980 FNL
30025248910000	BXP Operating, LLC	LANGUE JAL UNIT #091	3850	INJECT	[37240] LANGUE MATTIX;7 RVRs-Q-GRAVBURG		11/12/1974	1/11/1975	255	37E	17	1980 FEL 1980 FSL
30025250470000	OXY USA INC	ARNOTT RAMSAY NCT E 6	3817	PLUGOIL	PLUGGED		6/17/1975	9/17/1975	255	37E	16	2310 FWL 2310 FSL
30025250710000	HERMAN L LOEB LLC	ARCO 1	3500	PLUGOIL	PLUGGED		7/25/1975	9/5/1975	255	37E	21	330 FEL 990 FNL
30025251410000	BURLESON & HUFF	ARCO-LANHART 2	1200	INJK	PLUGGED		11/4/1975	11/9/1975	255	37E	21	330 FEL 1980 FNL
30025251740000	HERMAN L LOEB LLC	ARCO 2Y	3500	PLUGOIL	PLUGGED		11/20/1975	12/30/1975	255	37E	21	330 FEL 1980 FSL
30025252490000	ANTWEL MORRIS R	FEDERAL 7/6/1	3625	DH50	PLUGGED		3/26/1976	10/25/1976	255	37E	4	1650 FWL 990 FSL
30025254650000	CIMAREX ENERGY CO. OF COLORADO	WELLS 13	3740	PLUGOIL	PLUGGED		1/21/1977	2/17/1977	255	37E	4	1650 FWL 990 FSL
30025254740000	OXY USA INC	ARNOTT RAMSAY NCT E #7	3700	PLUGOIL	PLUGGED		3/10/1977	4/8/1977	255	37E	16	660 FEL 610 FSL
30025254980000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTS UNIT #21	6200	OIL	[34220] JUSTS;BLINEBERY-TUBB-DRINKARD		4/4/1977	8/22/1977	255	37E	23	2310 FWL 2310 FSL
30025255490000	HERMAN L LOEB LLC	LANGUE JAL FEDERAL 1	3774	PLUGGAS	PLUGGED		4/21/1977	4/19/1977	255	37E	8	330 FEL 330 FNL
30025255880000	BETTIS BOYLE & STOVALL,INC	B T LANHART 6	3550	PLUGOIL	PLUGGED		9/6/1977	10/21/1977	255	37E	21	1650 FEL 990 FNL
30025255970000	OXY USA INC	ARNOTT RAMSAY NCT E #8	3700	PLUGOIL	PLUGGED		9/7/1977	10/4/1977	255	37E	16	660 FEL 1980 FSL
30025256150000	MAMMOTH EXPLORATION, LLC	ARNOTT RAMSAY NCT E 9	3700	PLUGOIL	PLUGGED		11/1/1977	1/16/1978	255	37E	16	1650 FEL 1980 FSL
30025256210000	PENROC OIL CORP	STUART 9.1	3739	OIL	[37240] LANGUE MATTIX;7 RVRs-Q-GRAVBURG		9/7/1977	10/10/1977	255	37E	9	1580 FWL 330 FNL
30025257420000	FAE II Operating LLC	LANEHART 22.1	3655	PLUGOIL	PLUGGED		1/5/1978	3/8/1978	255	37E	9	1650 FWL 1650 FNL
30025257530000	BURLESON PETROLEUM, INC	SMITH 2	3694	PLUGGAS	PLUGGED	[33820] JALMAT;TAN-VATES-7 RVRs (OIL) : [79240] JALMAT;TAN-VATES-7 RVRs (GAS)	12/21/1977	3/3/1978	255	37E	22	660 FWL 660 FNL
30025258420000	HERMAN L LOEB LLC	MOBL #1	3450	PLUGGAS	PLUGGED		12/9/1977	2/14/1978	255	37E	4	990 FEL 330 FSL
30025258980000	FAE II Operating LLC	LANGUE C FEDERAL #1	3712	GAS	[79240] JALMAT;TAN-VATES-7 RVRs (GAS)		3/9/1978	5/3/1978	255	37E	22	2180 FWL 1980 FNL
30025258990000	BP AMERICA PRODUCTION COMPANY	LANGUE B FEDERAL #3	3711	PLUGGAS	PLUGGED		6/3/1978	7/6/1978	255	37E	9	1980 FWL 660 FSL
30025259000000	BP AMERICA PRODUCTION COMPANY	LANGUE B FEDERAL 4	3700	PLUGOIL	PLUGGED		5/12/1978	7/6/1978	255	37E	15	400 FWL 2130 FNL
30025259100000	AMOCO PETROLEUM	LANGUE A FEDERAL 2	3700	DRY	PLUGGED		7/11/1978	10/20/1978	255	37E	15	400 FWL 990 FNL
30025259590000	BP AMERICA PRODUCTION COMPANY	LANGUE B FEDERAL TR 6	6119	PLUGOIL	PLUGGED		6/16/1978	1/28/1979	255	37E	9	1980 FWL 1980 FSL
30025259650000	OXY USA INC	ARNOTT RAMSAY NCT E 10	8894	PLUGOIL	PLUGGED		7/8/1978	7/24/1978	255	37E	14	990 FWL 2310 FSL
30025259850000	DC ENERGY LLC	CROSBY DEEP 4	3400	PLUGGAS	PLUGGED		8/4/1978	10/2/1978	255	37E	16	660 FEL 1980 FNL
30025260770000	BURLESON PETROLEUM, INC	SAUNDERS ESTATE 3	3700	PLUGOIL	PLUGGED		9/30/1978	10/19/1978	255	37E	33	1980 FWL 785 FNL
30025260840000	PROVIDENCE ENERGY SERVICES INC.-KELTON OP C	FEDERAL X #2	3703	OIL	[37240] LANGUE MATTIX;7 RVRs-Q-GRAVBURG		10/3/1978	10/31/1978	255	37E	28	660 FWL 660 FSL
30025260850000	PROVIDENCE ENERGY SERVICES INC.-KELTON OP C	FEDERAL X #3	3703	OIL	[37240] LANGUE MATTIX;7 RVRs-Q-GRAVBURG		10/12/1978	11/1/1978	255	37E	15	330 FWL 660 FSL
30025261060000	FAE II Operating LLC	ARNOTT RAMSAY NCT B #004	3600	SWD	[96132] SWD;SEVEN RIVERS-QUEEN		12/22/1978	2/7/1979	255	37E	32	330 FWL 1980 FSL
30025261150000	BURLESON PETROLEUM, INC	LANEHART 4	3330	PLUGOIL	PLUGGED		11/30/1978	1/30/1979	255	37E	21	330 FWL 1550 FSL
300252621910000	BURLESON & HUFF	COLLA #2	3300	DRY	PLUGGED		5/2/1979	8/20/1979	255	37E	29	330 FEL 1980 FNL
30025262930000	BC OPERATING, INC.	ARNOTT RAMSAY NCT B-7	3600	PLUGGAS	PLUGGED		4/14/1979	7/11/1979	255	37E	29	990 FEL 2130 FSL
30025263190000	PLANTATION OPERATING LLC	SOUTH LANGUE JAL UNIT #28	3612	PLUGOIL	PLUGGED		4/3/1979	6/21/1979	255	37E	32	990 FEL 2130 FSL
30025263190000	BURLESON LEWIS B INCORPORATED	HERMAN L	3400	PLUGGAS	PLUGGED		6/27/1979	10/10/1979	255	37E	18	1111 FEL 1923 FSL
30025263350000	HERMAN L LOEB LLC	FEDERAL 3	3340	PLUGGAS	PLUGGED		7/6/1979	8/12/1979	255	37E	20	1650 FEL 1650 FSL
30025263730000	FULFER OIL & CATTLE LLC	EL PASO PRTCHRD FEED 1	3280	PLUGOIL	PLUGGED		7/24/1979	8/12/1979	255	37E	21	890 FWL 2210 FSL
30025264090000	Exrex Operating Company	JALMAT VATES UNIT #31	3500	INJECT	[33820] JALMAT;TAN-VATES-7 RVRs (OIL)		10/18/1979	6/19/1980	255	37E	9	1980 FEL 1980 FSL
											18	1700 FWL 1650 FSL

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30025265690000	FAE II Operating LLC	SANTA FE FEDERAL 1	3400	GAS	[37240] LANGUE MATTX;7 RVR-Q-GRAYBURG ; [79240] JALMAT;TAN-VATES-7 RVR5 (GAS)	11/21/1979	12/13/1979	255	37E	27	660 FWL 660 FSL
30025265950000	MERIDIAN OIL, INCORPORATED	BATES BBS& #1	3350	PLUGGAS		12/26/1979	2/6/1980	255	37E	29	280 FWL 1870 FNL
30025266310000	HERMAN L LOEB LLC	SHAHAN 1	3244	PLUGOIL		2/20/1980	4/1/1980	255	37E	33	2310 FWL 330 FNL
30025266670000	LANEKO INC	EL PASO RUBY FED 1	3300	GAS	[79240] JALMAT;TAN-VATES-7 RVR5 (GAS)	2/5/1980	3/1/1980	255	37E	8	1880 FEL 660 FSL
30025267080000	LANEKO INC	EL PASO TOM FEDERAL 1	3330	PLUGGAS		3/21/1980	8/20/1980	255	37E	33	330 FWL 330 FNL
30025267240000	MERIDIAN OIL INCORPORATED	CARLSON-HARRISON FED 3	3300	PLUGGAS		4/7/1980	5/7/1980	255	37E	27	660 FWL 1980 FNL
30025267250000	LANEKO INC	EL PASO TOM FEDERAL 2	3300	PLUGOIL		3/29/1980	7/30/1980	255	37E	33	330 FWL 1630 FNL
30025268190000	FAE II Operating LLC	B T LANEHART 7	3450	OIL	[33820] JALMAT;TAN-VATES-7 RVR5 (OIL)	6/2/1980	10/6/1980	255	37E	21	1650 FWL 1650 FNL
30025268970000	Extey Operating Company	JALMAT VATES UNIT #18	3500	INJECT	[33820] JALMAT;TAN-VATES-7 RVR5 (OIL)	9/13/1980	10/16/1980	255	37E	18	2519 FWL 1300 FNL
30025269620000	LANEKO INC	EL PASO TOM FEDERAL 3	3300	PLUGGAS		9/2/1980	10/23/1980	255	37E	33	1650 FWL 2310 FNL
30025269840000	CIMAREX ENERGY CO. OF COLORADO	WINTERS E C 2	3030	PLUGGAS		8/18/1980	9/10/1980	255	37E	18	990 FEL 1980 FNL
30025269950000	FAE II Operating LLC	TERRA CARLSON FEDERAL 1	3452	OIL	[37240] LANGUE MATTX;7 RVR5-Q-GRAYBURG	7/31/1980	8/22/1980	255	37E	26	2310 FWL 330 FNL
30025269990000	FAE II Operating LLC	ARNOTT RAMSEY NCT-B-10	3400	OIL	[33820] JALMAT;TAN-VATES-7 RVR5 (OIL)	9/5/1980	10/10/1980	255	37E	32	1980 FWL 1980 FNL
30025269990000	P & S BRINE SALE LP	ARNOTT RAMSEY STATE #4	1591	PA-Water		10/8/1980	3/11/1981	255	37E	16	100 FEL 515 FSL
30025271430000	HERMAN L LOEB	SHOLES B 19 #4	13500	PLUGGAS		1/13/1981	2/12/1984	255	37E	19	1980 FWL 1980 FSL
30025271720000	AMERICAN INLAND RESOURCES COMPANY LLC	CROSBY A 3	3400	PLUGOIL		12/8/1980	3/18/1981	255	37E	28	660 FWL 660 FSL
30025272450000	ENDEAVOR ENERGY RESOURCES, LP	TERRA FEDERAL #1	3470	PLUGOIL		2/13/1981	5/1/1981	255	37E	22	2311 FWL 1981 FSL
30025272650000	AMERICAN INLAND RESOURCES COMPANY LLC	CROSBY A #4	3419	PLUGOIL		6/17/1981	8/17/1981	255	37E	29	660 FEL 660 FSL
30025274280000	POGO PRODUCING CO	ARNOTT RAMSAY NCT E 11	3784	PLUGGAS		12/9/1981	3/10/1982	255	37E	16	1980 FEL 1980 FNL
30025274990000	ENDEAVOR ENERGY RESOURCES, LP	TERRA FEDERAL #2	3470	GAS	[79240] JALMAT;TAN-VATES-7 RVR5 (GAS)	6/7/1981	4/6/1982	255	37E	22	2310 FWL 990 FSL
30025275170000	FAE II Operating LLC	ARNOTT RAMSAY NCT E 12	3803	OIL	[79240] JALMAT;TAN-VATES-7 RVR5 (GAS)	12/3/1981	3/31/1982	255	37E	16	1980 FWL 660 FNL
30025275420000	BURLINGTON RESOURCES OIL & GAS CO	BATES 3	3481	PLUGGAS		9/3/1981	9/24/1981	255	37E	20	1210 FWL 1635 FSL
30025276500000	FAE II Operating LLC	B M JUSTIS 10	3273	GAS	[79240] JALMAT;TAN-VATES-7 RVR5 (GAS)	11/20/1981	12/8/1981	255	37E	20	120 FWL 1940 FNL
30025276640000	BETTIS BOYLE & STOVALL, INC.	JUSTIS CHRISTMAS #1	3150	PLUGGAS		2/8/1982	2/25/1982	255	37E	20	790 FWL 2225 FNL
30025276930000	ANTWEL MORRIS R	UNION FEDERAL 1	3350	PLUGOIL		12/26/1981	3/22/1982	255	37E	27	330 FEL 1980 FNL
300252798370000	ENERVEST OPERATING, L.L.C.	JUSTIS BM 11	3150	PLUGGAS		12/1/1982	12/17/1982	255	37E	23	2210 FEL 1980 FNL
30025279850000	ARCO OIL & GAS CORPORATION	WIMBIRLY WN 13	3500	DHSG		10/10/1982	6/2/1983	255	37E	20	1980 FWL 660 FNL
30025285190000	LANEKO INC	EL PASO TOM FEDERAL 5	3210	GAS	[79240] JALMAT;TAN-VATES-7 RVR5 (GAS)	1/12/1984	3/4/1984	255	37E	33	660 FWL 1650 FNL
30025285190000	FAE II Operating LLC	WINNINGHAM 8	4017	GAS	[79240] JALMAT;TAN-VATES-7 RVR5 (GAS)	1/26/1983	1/22/1984	255	37E	19	1610 FEL 1160 FSL
30025286370000	FAE II Operating LLC	WINNINGHAM 9	3475	GAS	[79240] JALMAT;TAN-VATES-7 RVR5 (GAS)	9/19/1984	10/18/1984	255	37E	30	1980 FEL 660 FNL
30025288050000	FAE II Operating LLC	B M JUSTIS 12	3680	TA	[33820] JALMAT;TAN-VATES-7 RVR5 (OIL); [79240] JALMAT;TAN-VATES-7 RVR5 (GAS)	9/6/1984	9/24/1984	255	37E	20	120 FWL 1450 FNL
30025290760000	FAE II Operating LLC	WELLS FEDERAL 18	3350	GAS	[79240] JALMAT;TAN-VATES-7 RVR5 (GAS)	2/18/1985	3/18/1985	255	37E	4	660 FWL 330 FSL
30025292640000	FAE II Operating LLC	WELLS FEDERAL 19	3550	GAS	[79240] JALMAT;TAN-VATES-7 RVR5 (GAS)	5/15/1985	6/5/1985	255	37E	4	2310 FEL 660 FSL
30025293580000	FAE II Operating LLC	CARLSON HARRISON FEDERAL COM 4	3625	GAS	[37240] LANGUE MATTX;7 RVR5-Q-GRAYBURG ; [79240] JALMAT;TAN-VATES-7 RVR5 (GAS)	8/14/1985	9/13/1985	255	37E	22	660 FWL 1650 FSL
30025294080000	BXP Operating, LLC	LANGUE JAL UNIT #112	3804	OIL		12/14/1985	1/27/1986	255	37E	8	1355 FWL 1300 FNL
30025294500000	BXP Operating, LLC	LANGUE JAL UNIT #111	3800	OIL		12/4/1985	1/16/1986	255	37E	5	2600 FEL 50 FSL
30025295240000	CIMAREX ENERGY CO. OF COLORADO	CARLSON HARRISON FEDERAL COM #5	3550	PLUGGAS		11/18/1985	12/30/1985	255	37E	27	1650 FWL 330 FNL
30025295290000	BURLESON PETROLEUM, INC	NANCY FEDERAL COM 1	3400	PLUGOIL		12/8/1985	1/21/1986	255	37E	28	2310 FWL 990 FSL
30025295390000	DC ENERGY LLC	GREGORY A 8	3550	PLUGGAS		12/18/1985	1/21/1986	255	37E	33	990 FEL 2310 FSL
30025307270000	BXP Operating, LLC	LANGUE MATTX QUEEN UNIT #41	3550	OIL	[37240] LANGUE MATTX;7 RVR5-Q-GRAYBURG	1/4/1990	4/12/1990	255	37E	15	1300 FEL 1300 FNL
30025307500000	BXP Operating, LLC	LANGUE MATTX QUEEN UNIT #44	3555	PLUGOIL		1/15/1990	5/9/1990	255	37E	14	175 FWL 1300 FNL
300253091940000	BLACKBEAR OPERATING, LLC	LANGUE MATTX WATER SUPPLY #1	4500	WSW	[66882] WSW;GRABYBER-SAN ANDRES	10/24/1990	2/13/1991	255	37E	15	1300 FEL 1216 FNL
30025310580000	FAE II Operating LLC	AIRPORT 1	3561.9	OIL	[79240] JALMAT;TAN-VATES-7 RVR5 (GAS)	4/1/1991	1/27/1991	255	37E	22	330 FWL 1650 FNL
30025312790000	FULFER OIL & CATTLE LLC	COMMACHERO 2	3050	GAS		7/17/1991	5/24/1991	255	37E	15	1980 FEL 1640 FNL
30025312790000	P & S BRINE SALE LP	ARNOTT RAMSEY STATE #6	1500	PA-Water		12/26/1993	12/28/1993	255	37E	16	93 FEL 581 FSL
30025318610000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #190	5850	INJECT	[34220] JUSTIS;BLINEBERY-TUBB-DRINKARD	1/13/1993	4/7/1993	255	37E	23	2350 FEL 200 FNL
30025318660000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #192	6000	INJECT		1/30/1993	4/5/1993	255	37E	23	2350 FEL 1275 FNL
30025319670000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #202	6050	PLUGOIL		5/4/1993	7/15/1993	255	37E	23	2350 FEL 2500 FNL
30025320200000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT WSW #2	4500	WSW	[96221] WSW;SAN ANDRES	9/23/1993	11/24/1993	255	37E	23	1650 FWL 330 FNL

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300253320710000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #170	6050	INJECT	[34220]	JUSTIS-BLINEBRY-TUBB-DRINKARD	12/14/1993	2/15/1994	255	37E	14	2250 FEL 2450 FSL
300253320730000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #180	6050	INJECT	[34220]	JUSTIS-BLINEBRY-TUBB-DRINKARD	11/30/1993	1/20/1994	255	37E	14	2350 FEL 1000 FSL
300253320850000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #160	5650	PLUGGIN		PLUGGED	11/27/1993	2/9/1994	255	37E	14	2250 FEL 1500 FNL
300253212110000	MAMMOTH EXPLORATION, LLC	PRICHARD 'B' 1	3169	GAS	[79240]	JALMATTAN-YATES-7 RVRS (GAS)	9/24/1993	11/22/1993	255	37E	9	1650 FEL 760 FNL
30025322640000	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT WSW #3	4500	TA	[96221]	WSW-5AN ANDRES	12/9/1993	11/1/1994	255	37E	23	1700 FNL 2310 FNL
30025323940000	BASIC ENERGY SERVICES, LP	SALADO 2	1420	PA-Water		PLUGGED	8/27/1993	9/22/1993	255	37E	20	60 FEL 1305 FNL
30025346190000	FAE II Operating LLC	LANGUE JAL FEDERAL 2	3050	GAS	[79240]	JALMATTAN-YATES-7 RVRS (GAS)	6/14/1999	8/21/1999	255	37E	8	1880 FEL 1930 FNL
30025346200000	FAE II Operating LLC	LANGUE A FEDERAL 2	3080	GAS	[79240]	JALMATTAN-YATES-7 RVRS (GAS)	6/18/1999	8/1/1999	255	37E	17	1980 FEL 660 FSL
30025351980000	FAE II Operating LLC	AIRPORT 2	3400	GAS	[79240]	JALMATTAN-YATES-7 RVRS (GAS)	1/11/2001	4/29/2001	255	37E	22	990 FNL 2010 FNL
30025356260000	BXP Operating, LLC	LANGUE JAL UNIT #124	3750	OIL	[37240]	LANGUE MATTIX-7 RVRS (GAS)	7/16/2001	9/21/2001	255	37E	17	1528 FEL 2622 FNL
30025356420000	BXP Operating, LLC	LANGUE JAL UNIT #122	3750	OIL	[37240]	LANGUE MATTIX-7 RVRS-Q-GRAVBURG	11/5/2001	12/7/2001	255	37E	17	1126 FEL 1404 FNL
30025356490000	BXP Operating, LLC	LANGUE JAL UNIT #125	3760	OIL	[37240]	LANGUE MATTIX-7 RVRS-Q-GRAVBURG	8/9/2001	10/6/2001	255	37E	8	1214 FEL 1310 FSL
30025363870000	TOM BROVNW INC	NANCY 8 FEDERAL COM 1	9780	PLUGGOL		PLUGGED	9/11/2003	10/12/2003	255	37E	8	1880 FEL 810 FSL
30025480790000	FAE II Operating LLC	ARNOTT RAMSAY NCT-B 16	3475	INJECT	[33820]	JALMATTAN-YATES-7 RVRS (OIL)			255	37E	32	2630 FEL 2603 FSL
30025 INJ LOC10	FAE II Operating LLC	HENRY #6	3400	LOC-INJ		Injector Location	TBD	TBD	255	37E	26	1321 FNL 1562 FSL
30025 INJ LOC11	FAE II Operating LLC	HENRY #5	3500	LOC-INJ		Injector Location	TBD	TBD	255	37E	26	212 FNL 1709 FSL
30025 INJ LOC12	FAE II Operating LLC	HENRY #8	3400	LOC-INJ		Injector Location	TBD	TBD	255	37E	26	1555 FNL 507 FSL
30025 INJ LOC13	FAE II Operating LLC	ALSTON #5	3500	LOC-INJ		Injector Location	TBD	TBD	255	37E	27	336 FEL 962 FNL
30025 INJ LOC14	FAE II Operating LLC	B T LANEHART #12	3500	LOC-INJ		Injector Location	TBD	TBD	255	37E	21	1987 FNL 2065 FSL
30025 INJ LOC15	FAE II Operating LLC	B T LANEHART #13	3500	LOC-INJ		Injector Location	TBD	TBD	255	37E	21	684 FNL 1939 FEL
30025 INJ LOC16	FAE II Operating LLC	ARNOTT RAMSAY NCT E #13	3500	LOC-INJ		Injector Location	TBD	TBD	255	37E	16	636 FSL 2005 FNL
30025 INJ LOC2	FAE II Operating LLC	Harrison Federal #5	3500	LOC-INJ		Injector Location	TBD	TBD	255	37E	22	2375 FEL 1415 FSL
30025 INJ LOC3	FAE II Operating LLC	CARLSON A #4	3500	LOC-INJ		Injector Location	TBD	TBD	255	37E	22	2325 FEL 255 FSL
30025 INJ LOC4	FAE II Operating LLC	Harrison Federal #6	3500	LOC-INJ		Injector Location	TBD	TBD	255	37E	22	980 FEL 1355 FSL
30025 INJ LOC5	FAE II Operating LLC	CARLSON A #5	3500	LOC-INJ		Injector Location	TBD	TBD	255	37E	23	330 FNL 1365 FSL
30025 INJ LOC7	FAE II Operating LLC	ALSTON #7	3500	LOC-INJ		Injector Location	TBD	TBD	255	37E	26	960 FNL 1174 FNL
30025 INJ LOC8	FAE II Operating LLC	ALSTON #6	3500	LOC-INJ		Injector Location	TBD	TBD	255	37E	26	1210 FNL 137 FNL
30025 INJ LOC9	FAE II Operating LLC	ALSTON #8	3500	LOC-INJ		Injector Location	TBD	TBD	255	37E	26	212 FNL 2360 FNL

FAE II Operating LLC

SIU Yates-SR Pilot
1/2 Mile Radius Wells

UWI/API	OPERATOR	WELL LABEL	TD	WELL TYPE	CURRENT ZONE	Distance from EXCON 1 (feet)	SPUD DATE	COMP DATE	TOWNSHIP	RANGE	SECTION	FOOTAGE
3002509790000	HERMAN L LOEB LLC	EXCON 1	3448	PLUGGAS	PLUGGED	0	5/4/1936	6/3/1936	255	37E	21	1979 FSL 1983 FSL
3002516790000	BETTIS BOYLE & STOVALL, INC.	B T LANEHART 5	3143	PLUGGAS	PLUGGED	1055.46	9/15/1955	12/28/1955	255	37E	21	2310 FEL 2310 FNL
3002516868000	HERMAN L LOEB LLC	AZTEC 1	3565	PLUGOIL	PLUGGED	1316.05	6/21/1936	6/21/1936	255	37E	21	1972 FSL 1977 FNL
3002516760000	HERMAN L LOEB LLC	HADFIELD 1	3024	PLUGOIL	PLUGGED	1320.66	12/9/1946	2/23/1947	255	37E	21	1980 FEL 660 FSL
3002516800000	BETTIS BOYLE & STOVALL, INC.	B T LANEHART 1	3446	PLUGOIL	PLUGGED	1335.22	1/21/1936	4/28/1936	255	37E	21	1980 FEL 1980 FNL
30025 INJ LOC14	FAE II Operating LLC	B T LANEHART #12	3500	LOC-INJ	Injector Location	1351.28	TBD	TBD	255	37E	21	1987 FNL 1980 FNL
3002516750000	BURLESON LEWIS B INCORPORATED	LANEHART 1	3782	PLUGGAS	PLUGGED	1412.9	7/26/1936	12/22/1936	255	37E	21	990 FEL 2310 FNL
3002516750000	HERMAN L LOEB LLC	HADFIELD 2	3487	PLUGGAS	PLUGGED	1869.21	11/7/1948	2/12/1949	255	37E	21	660 FEL 660 FSL
30025251740000	FAE II Operating LLC	B T LANEHART 2	2925	OIL	[33820] JALMATA-TAN-YATES-7 RWRS (OIL)	1870.41	6/8/1936	7/25/1936	255	37E	21	1980 FNL 1980 FNL
30025251410000	HERMAN L LOEB LLC	ARCO 2Y	3500	PLUGOIL	PLUGGED	2033.72	11/20/1975	12/30/1975	255	37E	21	660 FEL 1770 FNL
30025251410000	BURLESON & HUFF	ARCO-LANEHART 2	1200	NJK	PLUGGED	2125.32	11/4/1975	11/9/1975	255	37E	21	330 FEL 1980 FNL
3002516840000	HERMAN L LOEB LLC	LANEHART 3	2928	PLUGGAS	PLUGGED	2328.03	5/23/1937	10/1/1937	255	37E	21	990 FNL 2310 FSL
30025268190000	FAE II Operating LLC	B T LANEHART 7	3450	OIL	[33820] JALMATA-TAN-YATES-7 RWRS (OIL)	2334.01	6/2/1980	10/6/1980	255	37E	21	1650 FNL 1650 FNL
3002516810000	BETTIS BOYLE & STOVALL, INC.	LANEHART 4	3101	PLUGOIL	PLUGGED	2346.99	11/14/1937	12/28/1937	255	37E	21	2310 FEL 990 FNL
30025255880000	BETTIS BOYLE & STOVALL, INC.	B T LANEHART 6	3550	PLUGOIL	PLUGGED	2349.17	9/6/1977	10/21/1977	255	37E	21	1650 FEL 990 FNL

1/2 Mile Radius

UWI/API	OPERATOR	WELL LABEL	TD	WELL TYPE	CURRENT ZONE	Distance from ARNOTT RAMSAY NCT E 2 (feet)	SPUD DATE	COMP DATE	TOWNSHIP	RANGE	SECTION	FOOTAGE
30025116120000	OXY USA INC	ARNOTT RAMSAY NCT E 2	3153	PLUGGAS	PLUGGED	0	11/4/1939	3/10/1940	255	37E	16	655 FSL 1972 FSL
30025 INJ LOC16	FAE II Operating LLC	ARNOTT RAMSAY NCT E #13	3500	LOC-INJ	Injector Location	1300.16	TBD	TBD	255	37E	16	636 FSL 2005 FNL
3002525450000	OXY USA INC	ARNOTT RAMSAY NCT E #7	3700	PLUGOIL	PLUGGED	1319.83	3/10/1977	4/8/1978	255	37E	16	660 FEL 610 FSL
30025255970000	OXY USA INC	ARNOTT RAMSAY NCT E 9	3700	PLUGOIL	PLUGGED	1320.66	11/1/1977	1/16/1978	255	37E	16	1980 FEL 1980 FSL
30025 INJ LOC15	FAE II Operating LLC	B T LANEHART #13	3500	LOC-INJ	Injector Location	1339.69	TBD	TBD	255	37E	21	684 FNL 1939 FSL
3002528130000	PERMAN CORPORATION THE	SALINE 3	1511	ABDN	PLUGGED	1576.76	10/21/1968	10/21/1968	255	37E	16	465 FEL 220 FSL
30025255880000	BETTIS BOYLE & STOVALL, INC.	B T LANEHART 6	3550	PLUGOIL	PLUGGED	1680.46	9/6/1977	10/21/1977	255	37E	21	1650 FEL 990 FNL
30025116810000	BETTIS BOYLE & STOVALL, INC.	LANEHART 4	3101	PLUGOIL	PLUGGED	1681.06	11/14/1937	12/28/1937	255	37E	21	2310 FEL 990 FNL
3002516820000	FAE II Operating LLC	B T LANEHART 3	3091	OIL	[33820] JALMATA-TAN-YATES-7 RWRS (OIL)	1857.29	3/16/1937	5/11/1937	255	37E	21	1980 FNL 660 FNL
30025255860000	OXY USA INC	ARNOTT RAMSAY NCT E #8	3700	PLUGOIL	PLUGGED	1864.31	9/7/1977	10/4/1977	255	37E	16	660 FEL 1980 FSL
3002526990000	P & S BRINE SALE LP	ARNOTT RAMSEY STATE #4	1591	PA-Water	PLUGGED	1884.75	10/8/1980	3/11/1981	255	37E	16	100 FEL 515 FSL
30025312790000	P & S BRINE SALE LP	ARNOTT RAMSEY STATE #6	1500	PA-Water	PLUGGED	1887.14	12/26/1993	12/28/1993	255	37E	16	93 FEL 581 FSL
30025250470000	OXY USA INC	ARNOTT RAMSAY NCT E 6	3817	PLUGOIL	PLUGGED	1929.28	6/7/1975	9/17/1975	255	37E	16	2310 FNL 2310 FSL
30025260840000	PROVIDENCE ENERGY SERVICES INC.-KELTON OP C	FEDERAL X #2	3700	OIL	[37240] LANGGIE MATTIX-7 RWRS-Q-GAARBURG	2309.78	10/3/1978	10/31/1978	255	37E	15	330 FNL 660 FSL
30025250710000	HERMAN L LOEB LLC	ARCO 1	3500	PLUGOIL	PLUGGED	2330.14	7/25/1975	9/5/1975	255	37E	21	330 FEL 990 FNL
30025116270000	GULF OIL CORPORATION	ARNOTT RAMSAY NCT E 3	3125	PLUGOIL	PLUGGED	2588.8	1/18/1951	3/10/1951	255	37E	16	705 FNL 615 FSL
30025116800000	BETTIS BOYLE & STOVALL, INC.	B T LANEHART 1	3446	PLUGOIL	PLUGGED	2697.68	1/21/1936	4/28/1936	255	37E	21	1980 FEL 1980 FNL
30025 INJ LOC14	FAE II Operating LLC	B T LANEHART #12	3500	LOC-INJ	Injector Location	2643.51	TBD	TBD	255	37E	21	1987 FNL 2065 FSL

1/2 Mile Radius

UWI/API	OPERATOR	WELL LABEL	TD	WELL TYPE	CURRENT ZONE	Distance from B T LANEHART 3 (feet)	SPUD DATE	COMP DATE	TOWNSHIP	RANGE	SECTION	FOOTAGE
30025116820000	FAE II Operating LLC	B T LANEHART 3	3091	OIL	[33820] JALMATA-TAN-YATES-7 RWRS (OIL)	0	3/16/1937	5/11/1937	255	37E	21	1980 FNL 660 FNL
30025116810000	BETTIS BOYLE & STOVALL, INC.	LANEHART 4	3101	PLUGOIL	PLUGGED	1032.94	11/4/1937	12/28/1937	255	37E	21	2310 FEL 990 FNL
30025268190000	FAE II Operating LLC	B T LANEHART 7	3450	OIL	[33820] JALMATA-TAN-YATES-7 RWRS (OIL)	1049	6/2/1980	10/6/1980	255	37E	21	1650 FNL 1650 FNL

FAE II Operating LLC

SIU Yates-SR Pilot
1/2 Mile Radius Wells

UWV/API	OPERATOR	WELL LABEL	ID	WELL TYPE	CURRENT ZONE	Distance from AZTEC 1 (feet)	SPUD DATE	COMP DATE	TOWNSHIP	RANGE	SECTION	FOOTAGE
30025116810000	FAE II Operating LLC	B T LANEHART #13	3500	LOC-INJ	Injector Location	1312.89	TBD	TBD	255	37E	21	684 FNL 1939 FNL
30025116740000	FAE II Operating LLC	ARNOTT RAMSAY NCT E #13	3500	LOC-CINJ	Injector Location	1315.39	TBD	TBD	255	37E	16	636 FSL 2005 FNL
30025116790000	FAE II Operating LLC	A B COATES B 1	3077	OIL	[33820] JALMAT:TAN-YATES-7 RWRS (OIL)	1320.32	9/18/1936	2/27/1937	255	37E	21	650 FNL 600 FNL
30025116870000	FAE II Operating LLC	B T LANEHART 2	2925	OIL	[33820] JALMAT:TAN-YATES-7 RWRS (OIL)	1320.69	6/8/1936	7/25/1936	255	37E	21	1980 FNL 1980 FNL
30025558800000	BETTIS BOYLE & STOWALL, INC.	B T LANEHART 6	3550	PLUGOIL	PLUGGED	1671.09	9/6/1977	10/21/1977	255	37E	21	1650 FNL 990 FNL
30025116720000	FAE II Operating LLC	B T LANEHART #12	3500	LOC-INJ	Injector Location	1770.6	TBD	TBD	255	37E	21	1987 FNL 2065 FNL
30025116720000	GULF OIL CORPORATION	ARNOTT RAMSAY NCT E 3	3125	PLUGOIL	PLUGGED	1804.62	1/18/1951	3/10/1951	255	37E	16	705 FNL 615 FSL
30025116820000	DOY USA INC	ARNOTT RAMSAY NCT E 2	3153	PLUGGAS	PLUGGED	1857.39	11/4/1939	3/10/1940	255	37E	16	655 FSL 1972 FSL
30025116830000	BETTIS BOYLE & STOWALL, INC.	B T LANEHART 1	3446	PLUGOIL	PLUGGED	1857.83	1/21/1936	4/28/1936	255	37E	21	1980 FNL 1980 FNL
30025168300000	ANDERSON-PRICHARD OIL CORP	CARLSON 2	3020	PLUGOIL	PLUGGED	1873.14	11/18/1936	3/1/1937	255	37E	21	660 FNL 1980 FNL
30025253350000	HERMAN L. LOEB LLC	FEDERAL 1	3340	PLUGOIL	PLUGGED	1903.06	7/6/1979	8/2/1979	255	37E	21	890 FNL 2210 FNL
30025167900000	BETTIS BOYLE & STOWALL, INC.	B T LANEHART 5	3143	PLUGOIL	PLUGGED	1918.22	9/15/1955	12/28/1955	255	37E	21	2310 FNL 2310 FNL
30025323940000	BASIC ENERGY SERVICES, LP	SALADO 2	1420	PA-Water	PLUGGED	2143.75	8/27/1993	9/22/1993	255	37E	20	60 FNL 1305 FNL
30025116840000	HERMAN L. LOEB LLC	LANEHART 3	2928	PLUGGAS	PLUGGED	2528.69	5/23/1937	10/1/1937	255	37E	21	990 FNL 2310 FSL

1/2 Mile Radius

UWV/API	OPERATOR	WELL LABEL	ID	WELL TYPE	CURRENT ZONE	Distance from AZTEC 1 (feet)	SPUD DATE	COMP DATE	TOWNSHIP	RANGE	SECTION	FOOTAGE
30025116860000	HERMAN L. LOEB LLC	AZTEC 1	3565	PLUGOIL	PLUGGED	0	5/3/1936	6/21/1936	255	37E	21	1972 FSL 1977 FNL
30025116840000	HERMAN L. LOEB LLC	LANEHART 3	2928	PLUGGAS	PLUGGED	1041.81	5/23/1937	10/1/1937	255	37E	21	990 FNL 2310 FSL
30025097900000	HERMAN L. LOEB LLC	EXXON 1	3448	PLUGGAS	PLUGGED	1316.05	7/6/1936	6/3/1936	255	37E	21	1979 FSL 1983 FSL
30025116870000	FAE II Operating LLC	B T LANEHART 2	2925	OIL	[33820] JALMAT:TAN-YATES-7 RWRS (OIL)	1331.58	6/8/1936	7/25/1936	255	37E	21	1980 FNL 1980 FNL
30025116790000	BETTIS BOYLE & STOWALL, INC.	B T LANEHART 5	3143	PLUGGAS	PLUGGED	1408.14	9/15/1955	12/28/1955	255	37E	21	2310 FNL 2310 FNL
30025263500000	HERMAN L. LOEB LLC	FEDERAL 1	3340	PLUGOIL	PLUGGED	1543.3	7/6/1979	8/2/1979	255	37E	21	890 FNL 2210 FNL
30025268190000	HERMAN L. LOEB LLC	B T LANEHART 7	3450	OIL	[33820] JALMAT:TAN-YATES-7 RWRS (OIL)	1689.97	6/2/1980	10/6/1980	255	37E	21	1650 FNL 1650 FNL
30025261550000	BURLESON PETROLEUM, INC	LANEHART 4	3530	PLUGOIL	PLUGGED	1704.49	11/30/1978	1/30/1979	255	37E	21	330 FNL 1550 FSL
30025116770000	FAE II Operating LLC	LANEHART 1Y	9029	OIL	[37240] LANGUE MATIX-7 RWRS-Q-GRAVBURG	1766.13	1/4/1956	3/28/1956	255	37E	21	810 FNL 660 FSL
30025116760000	FAE II Operating LLC	B T LANEHART #12	3500	LOC-INJ	Injector Location	1806.52	TBD	TBD	255	37E	21	1987 FNL 2065 FSL
30025116780000	BURLESON PETROLEUM, INC	HADFIELD 1	3024	PLUGOIL	PLUGGED	1864.85	12/9/1946	2/23/1947	255	37E	21	1980 FNL 660 FSL
30025116830000	ANDERSON-PRICHARD OIL CORP	LANEHART #1	2775	PLUGGAS	PLUGGED	1868.45	1/5/1951	5/21/1951	255	37E	21	660 FNL 660 FSL
30025116800000	BETTIS BOYLE & STOWALL, INC.	CARLSON 2	3020	PLUGOIL	PLUGGED	1869.98	11/18/1936	3/1/1937	255	37E	21	660 FNL 1980 FNL
30025116840000	BETTIS BOYLE & STOWALL, INC.	B T LANEHART 1	3446	PLUGOIL	PLUGGED	1876.52	1/21/1936	4/28/1936	255	37E	21	1980 FNL 1980 FNL
30025116850000	BURLESON LEWIS B INCORPORATED	JUSTIS BMT A 6	3332	TA	[33820] JALMAT:TAN-YATES-7 RWRS (OIL)	2511.68	11/1/1954	12/25/1954	255	37E	20	330 FNL 2310 FNL
30025116810000	BETTIS BOYLE & STOWALL, INC.	LANEHART 1	3782	PLUGOIL	PLUGGED	2517.37	7/26/1936	12/22/1936	255	37E	21	990 FNL 2310 FNL
30025116710000	FULFER OIL & CATTLE LLC	LANEHART 4	3101	PLUGOIL	PLUGGED	2525.02	11/14/1937	12/28/1937	255	37E	21	2310 FNL 990 FNL
30025116710000	FULFER OIL & CATTLE LLC	LEONARD 2	3620	OIL	[33820] JALMAT:TAN-YATES-7 RWRS (OIL)	2638.29	11/16/1937	2/7/1938	255	37E	20	660 FNL 1980 FSL

1/2 Mile Radius

UWV/API	OPERATOR	WELL LABEL	ID	WELL TYPE	CURRENT ZONE	Distance from B T LANEHART 2 (feet)	SPUD DATE	COMP DATE	TOWNSHIP	RANGE	SECTION	FOOTAGE
30025116870000	FAE II Operating LLC	B T LANEHART 2	2925	OIL	[33820] JALMAT:TAN-YATES-7 RWRS (OIL)	0	6/8/1936	7/25/1936	255	37E	21	1980 FNL 1980 FNL
30025268190000	FAE II Operating LLC	B T LANEHART 7	3450	OIL	[33820] JALMAT:TAN-YATES-7 RWRS (OIL)	463.62	6/2/1980	10/6/1980	255	37E	21	1650 FNL 1650 FNL
30025116790000	BETTIS BOYLE & STOWALL, INC.	B T LANEHART 5	3143	PLUGGAS	PLUGGED	1038.84	9/15/1955	12/28/1955	255	37E	21	2310 FNL 2310 FNL
30025263500000	HERMAN L. LOEB LLC	FEDERAL 1	3340	PLUGOIL	PLUGGED	1114.55	7/6/1979	8/2/1979	255	37E	21	890 FNL 2210 FNL
30025116870000	FAE II Operating LLC	B T LANEHART #12	3500	LOC-INJ	Injector Location	1301.24	TBD	TBD	255	37E	21	1987 FNL 2065 FSL
30025116830000	BETTIS BOYLE & STOWALL, INC.	B T LANEHART 1	3446	PLUGOIL	PLUGGED	1315.99	1/21/1936	4/28/1936	255	37E	21	1980 FNL 1980 FNL
30025116830000	ANDERSON-PRICHARD OIL CORP	CARLSON 2	3020	PLUGOIL	PLUGGED	1319.09	11/18/1936	3/1/1937	255	37E	21	660 FNL 1980 FNL
30025116820000	FAE II Operating LLC	B T LANEHART 3	3091	OIL	[33820] JALMAT:TAN-YATES-7 RWRS (OIL)	1320.69	3/16/1937	5/11/1937	255	37E	21	1980 FNL 660 FNL

FAE II Operating LLC

UWI/API	Operator	Well Label	ID	Well Type	Current Zone	Distance from B T Laneshart 12 (feet)	SPUD DATE	COMP DATE	TOWNSHIP	RANGE	SECTION	FOOTAGE
30025116860000	HERMAN L LOEB LLC	AZTEC 1	3565	PLUGOIL	PLUGGED	1331.58	5/31/1936	6/21/1936	25S	37E	21	1972 FSL 1977 FNL
300251168810000	BETTIS BOYLE & STOVALL, INC.	LANEHART 4	3101	PLUGOIL	PLUGGED	1398.19	11/16/1937	12/28/1937	25S	37E	21	2310 FEL 990 FNL
30025116840000	HERMAN L LOEB LLC	LANEHART 3	2928	PLUGGAS	PLUGGED	1430.31	5/23/1937	10/1/1937	25S	37E	21	990 FNL 2310 FSL
30025116840000	FAE II Operating LLC	B T LANEHART #13	3500	LOC-NU	Injector Location	1864.44	TBD	TBD	25S	37E	21	684 FNL 1939 FEL
30025097790000	HERMAN L LOEB LLC	EXXON 1	3448	PLUGGAS	PLUGGED	1870.41	5/4/1936	6/3/1936	25S	37E	21	1979 FSL 1983 FEL
30025116740000	FAE II Operating LLC	A B COATES B 1	3077	OIL	[33820] JALMATTAN-VATES-7 RVRS (OIL)	1901.78	9/18/1936	2/27/1937	25S	37E	21	1650 FEL 990 FNL
30025329400000	BETTIS BOYLE & STOVALL, INC.	B T LANEHART 6	3550	PLUGOIL	PLUGGED	1921.67	9/16/1975	10/21/1977	25S	37E	21	660 FNL 600 FNL
30025329400000	BASIC ENERGY SERVICES, LP	SALADO 2	1420	PA-Water	PLUGGED	2142.8	8/27/1993	9/22/1993	25S	37E	20	60 FEL 1305 FNL
30025116880000	BURLERSON LEWIS B INCORPORATED	LANEHART 1	3782	PLUGGAS	PLUGGED	2327.44	7/26/1936	12/22/1936	25S	37E	21	990 FNL 600 FNL
30025116640000	BETTIS BOYLE & STOVALL, INC.	JUSTIS BM A 6	3332	TA	[33820] JALMATTAN-VATES-7 RVRS (OIL)	2333.57	11/1/1954	12/25/1954	25S	37E	20	330 FEL 2310 FNL
300253255880000	BURLERSON PETROLEUM, INC	LANEHART 4	3530	PLUGOIL	PLUGGED	2415.02	11/30/1978	1/30/1979	25S	37E	21	330 FNL 1550 FSL
30025116840000	FAE II Operating LLC	ARNOTT RAMSAY NCT E #13	3500	LOC-NU	Injector Location	2635.91	TBD	TBD	25S	37E	16	636 FSL 2005 FNL
30025116860000	BETTIS BOYLE & STOVALL, INC.	B M JUSTIS A #2	3029	PLUGOIL	PLUGGED	2638.17	7/28/1937	7/28/1937	25S	37E	20	660 FEL 1980 FNL

SIU Yates-SR Pilot
1/2 Mile Radius Wells

1/2 Mile Radius

UWI/API	Operator	Well Label	ID	Well Type	Current Zone	Distance from B T Laneshart 12 (feet)	SPUD DATE	COMP DATE	TOWNSHIP	RANGE	SECTION	FOOTAGE
30025116800000	FAE II Operating LLC	B T LANEHART #12	3500	LOC-NU	Injector Location	0	TBD	TBD	25S	37E	21	1987 FNL 2065 FEL
30025116800000	BETTIS BOYLE & STOVALL, INC.	B T LANEHART 1	3446	PLUGOIL	PLUGGED	114.9	1/21/1936	4/28/1936	25S	37E	21	1980 FEL 1980 FNL
30025116790000	BETTIS BOYLE & STOVALL, INC.	B T LANEHART 5	3143	PLUGGAS	PLUGGED	405.73	9/15/1935	12/28/1935	25S	37E	21	2310 FEL 2310 FNL
30025255880000	BETTIS BOYLE & STOVALL, INC.	LANEHART 4	3101	PLUGOIL	PLUGGED	1000.97	11/14/1937	12/28/1937	25S	37E	21	2310 FEL 990 FNL
30025116850000	BURLERSON LEWIS B INCORPORATED	B T LANEHART 6	3550	PLUGOIL	PLUGGED	1074.6	9/16/1977	10/21/1977	25S	37E	21	1650 FEL 990 FNL
30025116870000	FAE II Operating LLC	LANEHART 1	3782	PLUGGAS	PLUGGED	1154.16	7/26/1936	12/22/1936	25S	37E	21	990 FEL 2310 FNL
30025116870000	FAE II Operating LLC	B T LANEHART 2	2925	OIL	[33820] JALMATTAN-VATES-7 RVRS (OIL)	1201.74	6/8/1936	7/25/1936	25S	37E	21	1980 FNL 1980 FNL
30025116870000	HERMAN L LOEB LLC	B T LANEHART #13	3500	LOC-NU	Injector Location	1308.33	TBD	TBD	25S	37E	21	684 FNL 1939 FEL
30025251240000	HERMAN L LOEB LLC	ARCO 2Y	3448	PLUGGAS	PLUGGED	1351.28	5/4/1936	6/3/1936	25S	37E	21	1979 FSL 1983 FEL
30025268190000	FAE II Operating LLC	B T LANEHART 7	3450	OIL	[33820] JALMATTAN-VATES-7 RVRS (OIL)	1446.68	11/20/1975	12/30/1975	25S	37E	21	660 FEL 1770 FNL
30025251410000	BURLERSON & HUFE	ARCO-LANEHART 2	1200	JNK	PLUGGED	1562.14	6/2/1980	10/6/1980	25S	37E	21	1650 FNL 1650 FNL
30025116820000	FAE II Operating LLC	AZTEC 1	3091	OIL	[33820] JALMATTAN-VATES-7 RVRS (OIL)	1761.66	11/4/1975	11/9/1975	25S	37E	21	330 FNL 1980 FNL
30025116860000	HERMAN L LOEB LLC	ARCO 1	3500	PLUGOIL	PLUGGED	1806.52	5/3/1936	6/21/1936	25S	37E	21	1972 FSL 1977 FNL
30025250710000	HERMAN L LOEB LLC	FEDERAL 1	3340	PLUGOIL	PLUGGED	2017.5	7/25/1975	9/5/1975	25S	37E	21	330 FEL 990 FNL
30025263530000	HERMAN L LOEB LLC	LANEHART 3	2928	PLUGGAS	PLUGGED	2304.66	8/2/1979	8/2/1979	25S	37E	21	890 FNL 2210 FNL
30025116840000	FAE II Operating LLC	AIRPORT 1	3561.9	OIL	[37240] LANGUE MATTK:7 RVRS-Q-GRAYBURG	2417.77	5/23/1937	10/1/1937	25S	37E	21	990 FNL 2310 FSL
30025116830000	ANDERSON-PRICHARD OIL CORP	CARLSON 2	3020	PLUGOIL	PLUGGED	2445.19	1/1/1991	1/27/1991	25S	37E	22	330 FNL 1650 FNL
30025116120000	ONY USA INC	ARNOTT RAMSAY NCT E 2	3153	PLUGGAS	PLUGGED	2520.8	11/18/1936	3/1/1937	25S	37E	21	660 FNL 1980 FNL
30025116760000	HERMAN L LOEB LLC	HADFIELD 1	3024	PLUGOIL	PLUGGED	2643.51	11/4/1939	3/10/1940	25S	37E	16	655 FSL 1972 FEL
30025228130000	PERMIAN CORPORATION THE	SALINE 3	1511	ABDN	PLUGGED	2669.67	12/9/1946	2/23/1947	25S	37E	21	1980 FEL 660 FSL
30025116740000	FAE II Operating LLC	A B COATES B 1	3077	OIL	[33820] JALMATTAN-VATES-7 RVRS (OIL)	2727.49	10/21/1968	10/27/1968	25S	37E	16	465 FEL 220 FSL
30025116740000	FAE II Operating LLC	AIRPORT 1	3561.9	OIL	[33820] JALMATTAN-VATES-7 RVRS (OIL)	2859.43	9/18/1936	2/27/1937	25S	37E	21	660 FNL 600 FNL

1/2 Mile Radius

UWI/API	Operator	Well Label	ID	Well Type	Current Zone	Distance from B T Laneshart 13 (feet)	SPUD DATE	COMP DATE	TOWNSHIP	RANGE	SECTION	FOOTAGE
30025116800000	FAE II Operating LLC	B T LANEHART #13	3500	LOC-NU	Injector Location	0	TBD	TBD	25S	37E	21	684 FNL 1939 FEL
30025255880000	BETTIS BOYLE & STOVALL, INC.	B T LANEHART 6	3550	PLUGOIL	PLUGGED	459.62	9/16/1977	10/21/1977	25S	37E	21	1650 FEL 990 FNL

FAE II Operating LLC

30025116810000	BETTIS BOYLE & STOVALL INC.	LANEHART 4	3101	PLUGOIL	PLUGGED	466.29	11/14/1997	12/28/1997	255	37E	21	2310 FEL 990 FNL
30025116810000	FAE II Operating LLC	B T LANEHART #12	3500	LOC-INU	Injector Location	1308.33	TBD	TBD	255	37E	21	1987 FNL 2005 FNL
30025116820000	FAE II Operating LLC	B T LANEHART 3	3091	OIL	[3820] JALMAT:TAN-VATES-7 RVRS (OIL)	1312.89	3/16/1997	5/11/1997	255	37E	21	1980 FNL 660 FNL
30025168000000	BETTIS BOYLE & STOVALL INC.	B T LANEHART 1	3446	PLUGOIL	PLUGGED	1314.52	1/21/1996	4/28/1996	255	37E	21	1980 FNL 660 FNL
30025161620000	OXY USA INC	ARNOTT RAMSAY NCT E 2	3153	PLUGGAS	PLUGGED	1339.69	11/4/1999	3/10/1940	255	37E	16	655 FSL 1972 FEL
30025250710000	HERMAN T. LOEB LLC	ARCO 1	3500	PLUGOIL	PLUGGED	1675.93	7/25/1975	9/15/1975	255	37E	21	330 FEL 990 FNL
30025116790000	BETTIS BOYLE & STOVALL INC.	B T LANEHART 5	3143	PLUGGAS	PLUGGED	1679.84	9/15/1955	12/28/1955	255	37E	21	2310 FEL 2310 FNL
30025251740000	HERMAN T. LOEB LLC	ARCO 2Y	3500	PLUGOIL	PLUGGED	1717.34	11/20/1975	12/30/1975	255	37E	21	660 FEL 1770 FNL
30025228130000	PERMAN CORPORATION THE	SALINE 3	3500	ABDN	PLUGGED	1750.03	10/27/1968	10/27/1968	255	37E	16	465 FEL 220 FSL
30025254650000	OXY USA INC	ARNOTT RAMSAY NCT E #7	3700	OIL	PLUGGED	1832.87	3/10/1977	4/8/1977	255	37E	16	660 FEL 610 FSL
30025116870000	FAE II Operating LLC	B T LANEHART 2	2925	OIL	[3820] JALMAT:TAN-VATES-7 RVRS (OIL)	1864.44	6/8/1936	7/25/1936	255	37E	21	1980 FNL 1980 FNL
30025116850000	FAE II Operating LLC	ARNOTT RAMSAY NCT E #13	3500	LOC-INU	Injector Location	1876.83	TBD	TBD	255	37E	16	636 FSL 2005 FNL
30025268190000	BURLESON LEWIS B INCORPORATED	LANEHART 1	3782	PLUGGAS	PLUGGED	1916.07	7/26/1936	12/22/1936	255	37E	21	990 FEL 2310 FNL
30025251410000	FAE II Operating LLC	B T LANEHART 7	3450	OIL	[3820] JALMAT:TAN-VATES-7 RVRS (OIL)	1923.05	6/2/1980	10/6/1980	255	37E	21	1650 FNL 1650 FNL
30025269990000	BURLESON & HUFF	ARCO-LANEHART 2	1200	JNK	PLUGGED	2102.62	11/4/1975	11/9/1975	255	37E	21	330 FEL 1980 FNL
30025312790000	P & S BRINE SALE LP	ARNOTT RAMSEY STATE #4	1591	PA-Water	PLUGGED	2217.2	10/8/1980	3/11/1981	255	37E	16	100 FEL 515 FSL
30025310580000	P & S BRINE SALE LP	ARNOTT RAMSEY STATE #6	1500	PA-Water	PLUGGED	2257.93	12/26/1993	12/28/1993	255	37E	16	93 FEL 581 FSL
30025116740000	FAE II Operating LLC	AIRPORT 1	3561.9	OIL	[37240] LANGUE MATTKX-7 RVRS-Q-GRABURG	2504.8	1/7/1991	1/27/1991	255	37E	22	330 FNL 1650 FNL
30025257420000	FAE II Operating LLC	A B COATES B 1	3077	OIL	[3820] JALMAT:TAN-VATES-7 RVRS (OIL)	2632.7	9/18/1936	2/27/1997	255	37E	21	660 FNL 600 FNL
3002525970000	OXY USA INC	ARNOTT RAMSAY NCT E 9	3700	PLUGOIL	PLUGGED	2643.84	11/1/1977	1/16/1978	255	37E	16	1980 FEL 1980 FSL
30025097790000	HERMAN T. LOEB LLC	EXXON 1	3448	PLUGGAS	PLUGGED	2649.75	5/4/1936	6/3/1936	255	37E	21	1979 FSL 1993 FEL
30025260840000	PROVIDENCE ENERGY SERVICES INC.-KELTON OP C	FEDERAL X #2	3700	OIL	[37240] LANGUE MATTKX-7 RVRS-Q-GRABURG	2661.06	10/3/1978	10/31/1978	255	37E	15	330 FNL 660 FSL
30025116270000	GULF OIL CORPORATION	ARNOTT RAMSAY NCT E 3	3125	PLUGOIL	PLUGGED	2890.26	1/18/1951	3/10/1951	255	37E	16	705 FNL 615 FSL

SJU Yates-SR Pilot
1/2 Mile Radius Wells

1/2 Mile Radius

30025116810000	FAE II Operating LLC	LANEHART 4	3101	PLUGOIL	PLUGGED	466.29	11/14/1997	12/28/1997	255	37E	21	2310 FEL 990 FNL
30025116820000	FAE II Operating LLC	B T LANEHART #12	3500	LOC-INU	Injector Location	1308.33	TBD	TBD	255	37E	21	1987 FNL 2005 FNL
30025116820000	OXY USA INC	ARNOTT RAMSAY NCT E 3	3125	PLUGOIL	PLUGGED	1259.46	1/18/1951	3/10/1951	255	37E	16	705 FNL 615 FSL
30025116820000	FAE II Operating LLC	ARNOTT RAMSAY NCT E 2	3153	PLUGGAS	PLUGGED	1300.16	11/4/1939	3/10/1940	255	37E	16	655 FSL 1972 FEL
30025250710000	OXY USA INC	B T LANEHART 3	3091	OIL	[3820] JALMAT:TAN-VATES-7 RVRS (OIL)	1315.39	3/16/1937	5/11/1937	255	37E	21	1980 FNL 660 FNL
30025116740000	HERMAN T. LOEB LLC	ARNOTT RAMSAY NCT E 6	3817	PLUGOIL	PLUGGED	1686.65	6/7/1975	9/17/1975	255	37E	16	2310 FNL 2310 FSL
30025116740000	FAE II Operating LLC	A B COATES B 1	3077	OIL	[3820] JALMAT:TAN-VATES-7 RVRS (OIL)	1807.65	5/1/1953	6/15/1953	255	37E	21	660 FNL 660 FNL
30025116740000	GULF OIL CORPORATION	ARNOTT RAMSAY NCT E 4	3400	PLUGOIL	PLUGGED	1864.58	2/27/1937	10/6/1980	255	37E	21	1650 FNL 1650 FNL
3002525970000	OXY USA INC	ARNOTT RAMSAY NCT E 9	3700	PLUGOIL	PLUGGED	1873.12	11/1/1977	1/16/1978	255	37E	16	1980 FEL 1980 FSL
30025116810000	FAE II Operating LLC	B T LANEHART #13	3500	LOC-INU	Injector Location	1876.83	TBD	TBD	255	37E	21	684 FNL 999 FEL
30025116810000	BETTIS BOYLE & STOVALL INC.	LANEHART 4	3101	PLUGOIL	PLUGGED	1925.39	11/14/1937	12/28/1937	255	37E	21	2310 FEL 990 FNL
30025268190000	FAE II Operating LLC	B T LANEHART 7	3450	OIL	[3820] JALMAT:TAN-VATES-7 RVRS (OIL)	2330.19	6/2/1980	10/6/1980	255	37E	21	1650 FNL 1650 FNL
30025255880000	BETTIS BOYLE & STOVALL INC.	B T LANEHART 6	3550	PLUGOIL	PLUGGED	2336.45	9/6/1977	10/21/1977	255	37E	21	1650 FEL 990 FNL
30025116930000	BXP Operating, LLC	LANGUE IAL UNIT #093	3520	INJECT	[37240] LANGUE MATTKX-7 RVRS-Q-GRABURG	2624.19	6/18/1952	7/24/1952	255	37E	17	660 FEL 660 FSL
30025116870000	FAE II Operating LLC	B T LANEHART 2	2925	OIL	[3820] JALMAT:TAN-VATES-7 RVRS (OIL)	2635.91	6/8/1936	7/25/1936	255	37E	21	1980 FNL 1980 FNL
30025254650000	OXY USA INC	ARNOTT RAMSAY NCT E #7	3700	PLUGOIL	PLUGGED	2649.04	3/10/1977	4/8/1977	255	37E	16	660 FEL 610 FSL
30025323940000	BASIC ENERGY SERVICES, LP	SALADO 2	1420	PA-Water	PLUGGED	2819.15	8/27/1993	9/22/1993	255	37E	20	60 FEL 1305 FNL

FAE II Operating LLC

30025116360000	BXP Operating, LLC	LANGLE JAL UNIT #092	3388	OIL	[37240] LANGLE MATTIX, J RVNS-Q- GRAYBURG	2948.46	11/1/1952	11/25/1952	255	37E	17	660 FEL 1980 FSL
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SIU Yates-SR Pilot
1/2 Mile Radius Wells

FAE II Operating LLC

SJU Yates-SR Pilot
1/2 Mile Radius

Plugged Wells

UWI/API	OPERATOR	WELL LABEL	TD	WELL TYPE	CURRENT ZONE	SPUD DATE	COMP DATE	TOWNSHIP	RANGE	SECTION	FOOTAGE
30025097790000	HERMAN L. LOEB LLC	EXXON 1	3448	PLUGGAS	PLUGGED	5/4/1936	6/3/1936	255	37E	21	1979 FSL 1983 FEL
30025116120000	OXY USA INC	ARNOTT RAMSAY NCT E 2	3133	PLUGGAS	PLUGGED	11/4/1939	3/10/1940	255	37E	16	655 FSL 1972 FEL
30025116260000	GULF OIL CORPORATION	ARNOTT RAMSAY NCT E 4	3400	PLUGOIL	PLUGGED	5/1/1953	6/15/1953	255	37E	16	660 FWL 1980 FSL
30025116270000	GULF OIL CORPORATION	ARNOTT RAMSAY NCT E 3	3125	PLUGOIL	PLUGGED	1/18/1951	3/10/1951	255	37E	16	705 FWL 615 FSL
30025116680000	BETTIS BOYLE & STOVALL, INC.	B M JUSTIS A #2	3029	PLUGOIL	PLUGGED	7/28/1937	7/28/1937	255	37E	20	660 FEL 1980 FNL
30025116720000	SUN OIL COMPANY	LANEHART 3	8940	PLUGOIL	PLUGGED	5/18/1957	9/8/1957	255	37E	20	330 FEL 330 FSL
30025116750000	HERMAN L. LOEB LLC	LANEHART 2	3487	PLUGGAS	PLUGGED	11/7/1948	2/12/1949	255	37E	21	660 FEL 660 FSL
30025116760000	HERMAN L. LOEB LLC	HADFIELD 1	3024	PLUGOIL	PLUGGED	12/9/1946	2/23/1947	255	37E	21	1980 FEL 660 FSL
30025116780000	BURLESON PETROLEUM, INC	LANEHART #1	2775	PLUGGAS	PLUGGED	1/5/1951	5/21/1951	255	37E	21	660 FWL 660 FSL
30025116790000	BETTIS BOYLE & STOVALL, INC.	B T LANEHART 5	3143	PLUGGAS	PLUGGED	9/15/1955	12/28/1955	255	37E	21	2310 FEL 2310 FNL
30025116800000	BETTIS BOYLE & STOVALL, INC.	B T LANEHART 1	3446	PLUGOIL	PLUGGED	1/21/1936	4/28/1936	255	37E	21	1980 FEL 1980 FNL
30025116810000	BETTIS BOYLE & STOVALL, INC.	LANEHART 4	3101	PLUGOIL	PLUGGED	11/14/1937	12/28/1937	255	37E	21	2310 FEL 990 FNL
30025116830000	ANDERSON-PRICHARD OIL CORP	CARLSON 2	3020	PLUGOIL	PLUGGED	11/18/1936	3/1/1937	255	37E	21	660 FWL 1980 FNL
30025116840000	HERMAN L. LOEB LLC	LANEHART 3	2928	PLUGGAS	PLUGGED	5/23/1937	10/1/1937	255	37E	21	990 FWL 2310 FSL
30025116850000	BURLESON LEWIS B INCORPORATED	LANEHART 1	3782	PLUGGAS	PLUGGED	7/26/1936	12/22/1936	255	37E	21	990 FEL 2310 FNL
30025116860000	HERMAN L. LOEB LLC	AZTEC 1	3565	PLUGOIL	PLUGGED	5/3/1936	6/21/1936	255	37E	21	1972 FSL 1977 FWL
30025116920000	CIMAREX ENERGY CO. OF COLORADO	CARLSON HARRISON FEDERAL COM 1	3074	PLUGGAS	PLUGGED	7/23/1955	9/6/1955	255	37E	22	660 FWL 1980 FSL
30025118130000	HERMAN L. LOEB LLC	LANEHART A 1	2900	PLUGOIL	PLUGGED	10/14/1953	11/10/1953	255	37E	28	1980 FEL 825 FNL
30025228130000	PERMIAN CORPORATION THE	SALINE 3	1511	ABDN	PLUGGED	10/21/1968	10/27/1968	255	37E	16	465 FEL 220 FSL
30025250470000	OXY USA INC	ARNOTT RAMSAY NCT E 6	3817	PLUGOIL	PLUGGED	6/7/1975	9/17/1975	255	37E	16	2310 FWL 2310 FSL
30025250710000	HERMAN L. LOEB LLC	ARCO 1	3500	PLUGOIL	PLUGGED	7/25/1975	9/5/1975	255	37E	21	330 FEL 990 FNL
30025251410000	BURLESON & HUFF	ARCO-LANEHART 2	1200	JNK	PLUGGED	11/4/1975	11/9/1975	255	37E	21	330 FEL 1980 FNL
30025251740000	HERMAN L. LOEB LLC	ARCO 2Y	3500	PLUGOIL	PLUGGED	11/20/1975	12/30/1975	255	37E	21	660 FEL 1770 FNL
30025254650000	OXY USA INC	ARNOTT RAMSAY NCT E #7	3700	PLUGOIL	PLUGGED	3/10/1977	4/8/1977	255	37E	16	660 FEL 610 FSL
300252558580000	BETTIS BOYLE & STOVALL, INC.	B T LANEHART 6	3550	PLUGOIL	PLUGGED	9/6/1977	10/21/1977	255	37E	21	1650 FEL 990 FNL
300252559560000	OXY USA INC	ARNOTT RAMSAY NCT E #8	3700	PLUGOIL	PLUGGED	9/7/1977	10/4/1977	255	37E	16	660 FEL 1980 FSL
300252560770000	BURLESON PETROLEUM, INC	ARNOTT RAMSAY NCT E 9	3400	PLUGOIL	PLUGGED	11/1/1977	1/16/1978	255	37E	16	1980 FEL 1980 FSL
30025261550000	BURLESON PETROLEUM, INC	SAUNDERS ESTATE 3	3400	PLUGGAS	PLUGGED	9/30/1978	10/19/1978	255	37E	28	660 FWL 660 FNL
30025263350000	HERMAN L. LOEB LLC	LANEHART 4	3530	PLUGOIL	PLUGGED	11/30/1978	1/30/1979	255	37E	21	330 FWL 1550 FSL
30025263350000	HERMAN L. LOEB LLC	FEDERAL 1	3340	PLUGOIL	PLUGGED	7/6/1979	8/2/1979	255	37E	21	890 FWL 2210 FNL
30025269990000	P & S BRINE SALE LP	ARNOTT RAMSEY STATE #4	1591	PA-Water	PLUGGED	10/8/1980	3/1/1981	255	37E	16	100 FEL 515 FSL
30025274280000	POGO PRODUCING CO	ARNOTT RAMSAY NCT E 11	3764	PLUGGAS	PLUGGED	12/9/1981	3/10/1982	255	37E	16	1980 FEL 1980 FNL
30025312790000	P & S BRINE SALE LP	ARNOTT RAMSEY STATE #6	1500	PA-Water	PLUGGED	12/26/1993	12/28/1993	255	37E	16	93 FEL 581 FSL
30025323940000	BASIC ENERGY SERVICES, LP	SALADO 2	1420	PA-Water	PLUGGED	8/27/1993	9/22/1993	255	37E	20	60 FEL 1305 FNL

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: _____

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
WELLBORE SCHEMATIC

UNIT LETTER

SECTION TOWNSHIP
WELL CONSTRUCTION DATA

RANGE

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: _____

INJECTION WELL DATA SHEET

OPERATOR: F AE II Operating, LLC

API NUMBER: 30-025-12019

WELL NAME & NUMBER: MOBERLY RHODES WF PROJECT #10

WELL LOCATION: 1980 FSL 660 FEL | I 20 26S 37E
FOOTAGE LOCATION UNIT LETTER SECTION TOWNSHIP RANGE

CURRENT WELLBORE SCHEMATIC

Well Name: Moberly Rhodes WF #010 Lease No: _____ Lease Type: _____ State: _____
Township: 26S Range: 37-E Sec: 20 Location: 1980' FSL & 660' FEL
County: Lea State: NM API: 30-025-12019 Formation: [52250] RHODES; YATES-SEVEN RIVER

CURRENT

Surface Csg

Size: 15 1/2"
Wt.&Thrd: 70#
Grade: _____
Set @: 70'
Sxs cmt: _____
Circ: yes
TOC: Surface
Hole Size: _____

Intermediate Csg

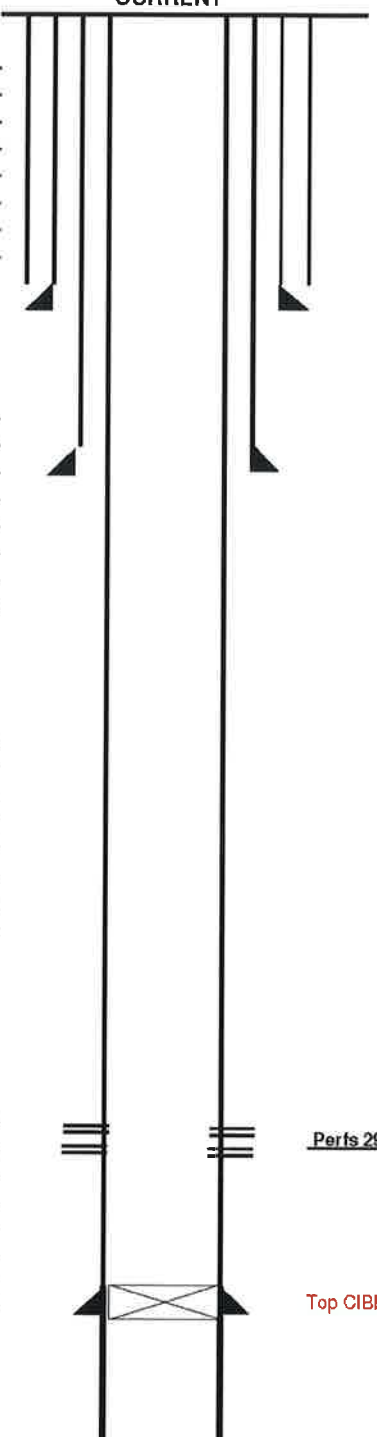
Size: 8 1/4"
Wt.&Thrd: 32#
Grade: _____
Set @: 1200'
Sxs cmt: 125
Circ: _____
TOC: 329'
Hole Size: 10"

Production Csg

Size: 7"
Wt.&Thrd: 20#
Grade: _____
Set @: 3150'
Sxs cmt: 200
Circ: _____
TOC: 880'
Hole Size: _____

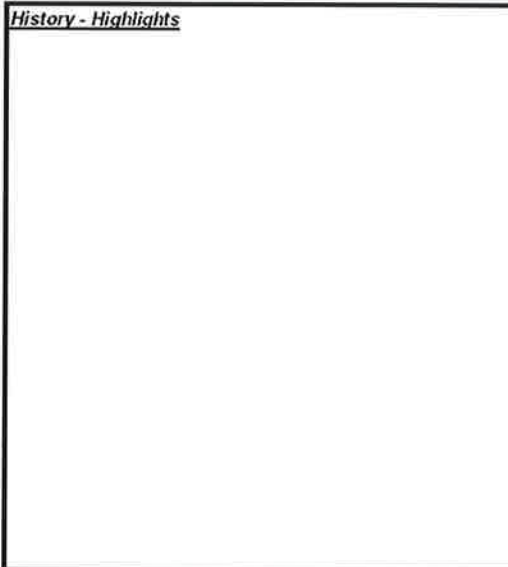
Production Liner

Size: 4 1/2"
Wt.&Thrd: 10.5#
Grade: K-55 slotted liner
Set @: 3101-3303'
Sxs Cmt: _____
Circ: _____
TOC: _____
Hole Size: _____



KB: _____
DF: _____
GL: _____
Spud Date: 3/4/1944
Compl. Date: 4/19/1944

History - Highlights



Perfs 2960'-3108'

Top CIBP @ 3120' (3130'W/10' cmt)

PBD 3301'
TD 3302'

INJECTION WELL DATA SHEET

OPERATOR: F&E II Operating, LLC

API NUMBER: 30-025-12019

WELL NAME & NUMBER: MOBERLY RHODES WF PROJECT #10

WELL LOCATION: 1980 FSL 660 FEL | I 20 26S 37E
FOOTAGE LOCATION UNIT LETTER SECTION TOWNSHIP RANGE

PROPOSED WELLBORE SCHEMATIC

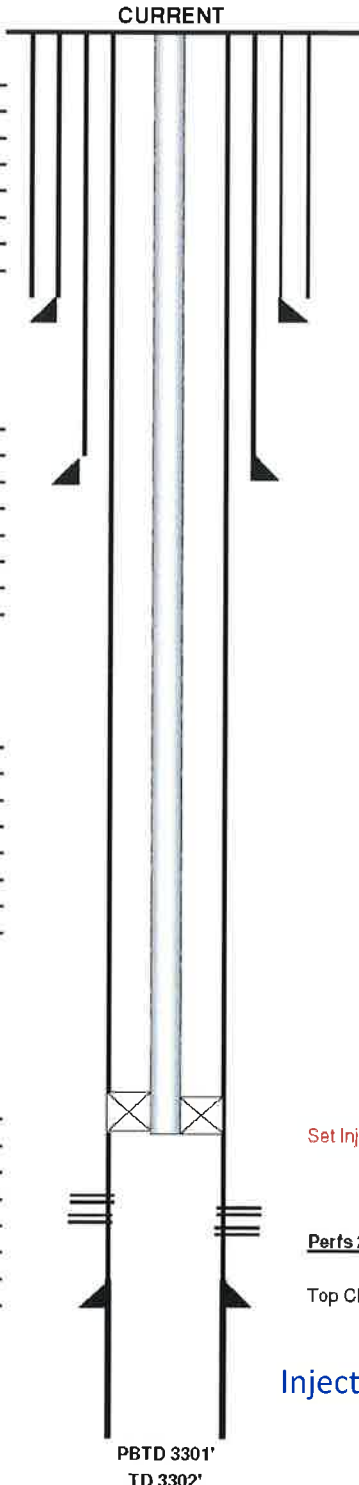
Well Name:	<u>Moberly Rhodes WF #010</u>	Lease No:	<u> </u>	Lease Type:	<u> </u>	State:	<u> </u>
Township:	<u>26S</u>	Range:	<u>37-E</u>	Sec:	<u>20</u>	Location:	<u>1980' FSL & 660' FEL</u>
County:	<u>Lea</u>	State:	<u>NM</u>	API:	<u>30-025-12019</u>	Formation:	<u>[52250] RHODES; YATES-SEVEN RIVER</u>

Surface Csg
 Size: 15 1/2"
 Wt.&Thrd: 70#
 Grade:
 Set @: 70'
 Sxs cmt:
 Circ: yes
 TOC: Surface
 Hole Size:

Intermediate Csg
 Size: 8 1/4"
 Wt.&Thrd: 32#
 Grade:
 Set @: 1200'
 Sxs cmt: 125
 Circ:
 TOC: 329'
 Hole Size: 10"

Production Csg
 Size: 7"
 Wt.&Thrd: 20#
 Grade:
 Set @: 3150'
 Sxs cmt: 200
 Circ:
 TOC: 880'
 Hole Size:

Production Liner
 Size: 4 1/2"
 Wt.&Thrd: 10.5#
 Grade: K-55 slotted liner
 Set @: 3101-3303'
 Sxs Cmt:
 Circ:
 TOC:
 Hole Size:



KB:
 DF:
 GL:
 Spud Date: 3/4/1944
 Compl. Date: 4/19/1944

History - Highlights
 Drill out CIBP @ 3120'.
 Set AS1-X packer @ 2910'
 2 3/8" IPC tubing

Additional Data

1. NOT a new well.
 1. Originally an oil well.
 2. Converted to water injection well in 1970.
 3. Converted to a gas well in 1995.
2. Injection Formation: Yates & Seven Rivers
3. Pool: [52250] RHODES; YATES-SEVEN RIVERS
4. Well has NOT been perforated in another zone.
5. Overlying Oil Zone: Tansil
 - Depth of Overlying Zone: ~2,800'
 Underlying Oil Zone: Queen
 - Depth of Underlying Zone: ±3,600'

Set Injection packer @ ~2910'

Perfs 2960'-3108'

Top CIBP @ 3120' (3130'W/10' cmt), Drill out

Injection Interval: 2950'-3302' (TD)

PBTD 3301'
TD 3302'

INJECTION WELL DATA SHEET

OPERATOR: FAE II Operating, LLC

API NUMBER: 30-025-12023

WELL NAME & NUMBER: MOBERLY RHODES WF PROJECT #6

WELL LOCATION: 1980 FSL 1980 FWL K 21 26S 37E
 FOOTAGE LOCATION UNIT LETTER SECTION TOWNSHIP RANGE

CURRENT WELLBORE SCHEMATIC

Well Name: Moberly Rhodes WF #006 Lease No: _____ Lease Type: _____ State: _____
 Township: 26S Range: 37-E Sec: 21 Location: 1980' FSL & 1980' FWL
 County: Lea State: NM API: 30-025-12023 Formation: [52250] RHODES; YATES-SEVEN RIVER

CURRENT

Surface Csg
 Size: 15 1/2"
 Wt.&Thrd: 70#
 Grade: _____
 Set @: 70'
 Sxs cmt: _____
 Circ: yes
 TOC: Surface
 Hole Size: _____

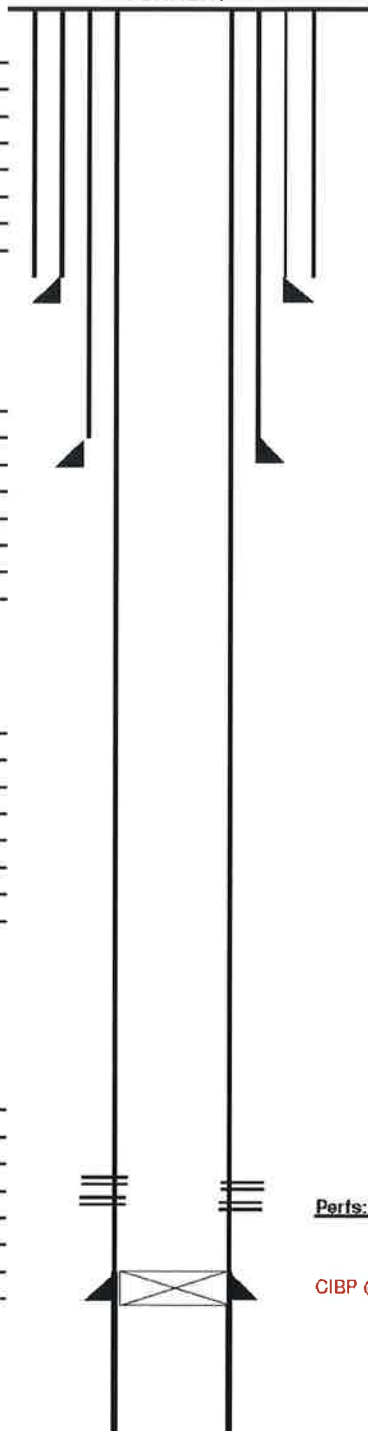
KB: _____
 DF: _____
 GL: _____
 Spud Date: 3/1/1941
 Compl. Date: _____

Intermediate Csg
 Size: 8 1/4"
 Wt.&Thrd: 32#
 Grade: _____
 Set @: 1200'
 Sxs cmt: 125 sx
 Circ: _____
 TOC: 399'
 Hole Size: 10"

History - Highlights

Production Csg
 Size: 7"
 Wt.&Thrd: 20#
 Grade: _____
 Set @: 3068'
 Sxs cmt: 200 sx
 Circ: _____
 TOC: 798'
 Hole Size: _____

Production Liner
 Size: 4 1/2"
 Wt.&Thrd: 10.5#
 Grade: K-55 slotted liner
 Set @: 3035-3298'
 Sxs Cmt: _____
 Circ: _____
 TOC: _____
 Hole Size: _____



Perfs: 2925'-3042'

CIBP @ 3060' (W/10' cmt)

TD 3298'

INJECTION WELL DATA SHEET

OPERATOR: FAE II Operating, LLC

API NUMBER: 30-025-12023

WELL NAME & NUMBER: MOBERLY RHODES WF PROJECT #6

WELL LOCATION: <u>1980 FSL 1980 FWL</u>	<u>K</u>	<u>21</u>	<u>26S</u>	<u>37E</u>
FOOTAGE LOCATION	UNIT LETTER	SECTION	TOWNSHIP	RANGE

PROPOSED WELLBORE SCHEMATIC

Well Name: <u>Moberly Rhodes WF #006</u>	Lease No: _____	Lease Type: _____	State: _____
Township: <u>26S</u>	Range: <u>37-E</u>	Sec: <u>21</u>	Location: <u>1980' FSL & 1980' FWL</u>
County: <u>Lea</u>	State: <u>NM</u>	API: <u>30-025-12023</u>	Formation: <u>[52250] RHODES; YATES-SEVEN RIVER</u>

Surface Csg

Size: 15 1/2"
 Wt.&Thrd: 70#
 Grade: _____
 Set @: 70'
 Sxs cmt: _____
 Circ: yes
 TOC: Surface
 Hole Size: _____

Intermediate Csg

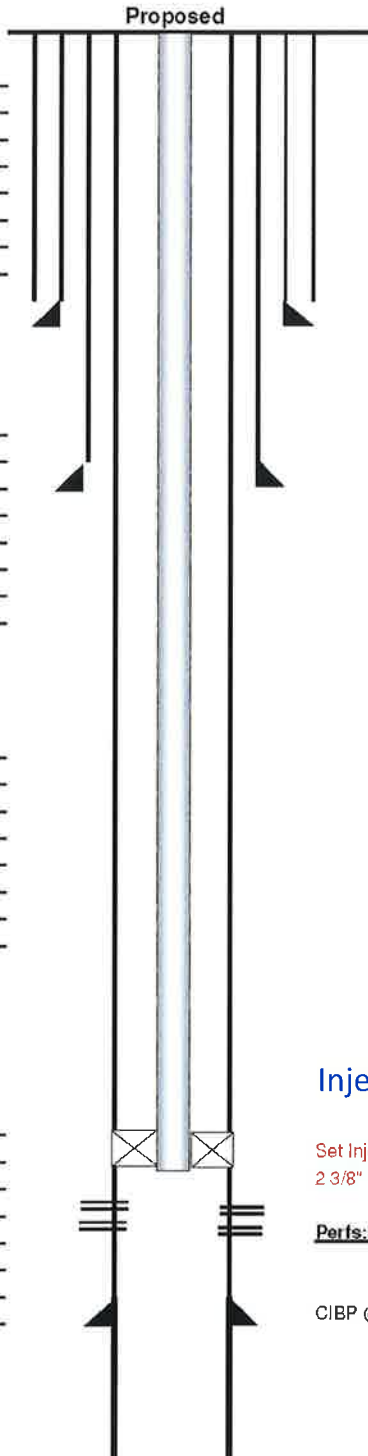
Size: 8 1/4"
 Wt.&Thrd: 32#
 Grade: _____
 Set @: 1200'
 Sxs cmt: 125 sx
 Circ: _____
 TOC: 399'
 Hole Size: 10"

Production Csg

Size: 7"
 Wt.&Thrd: 20#
 Grade: _____
 Set @: 3068'
 Sxs cmt: 200 sx
 Circ: _____
 TOC: 798'
 Hole Size: _____

Production Liner

Size: 4 1/2"
 Wt.&Thrd: 10.5#
 Grade: K-55 slotted liner
 Set @: 3035-3298'
 Sxs Cmt: _____
 Circ: _____
 TOC: _____
 Hole Size: _____



KB: _____
 DF: _____
 GL: _____
 Spud Date: 3/1/1941
 Compl. Date: _____

History - Highlights

Drill out CIBP @ 3060'.
 Set AS1-X packer @2875'
 2 3/8" IPC tubing

Additional Data

1. NOT a new well.
 1. Originally an oil well.
 2. Converted to water injection well in 1970.
 3. Converted to a gas well in 1995.
2. Injection Formation: Yates & Seven Rivers
3. Pool: [52250] RHODES;YATES-SEVEN RIVERS
4. Well has NOT been perforated in another zone.
5. Overlying Oil Zone: Tansil
 - Depth of Overlying Zone: ~2,770'
 Underlying Oil Zone: Queen
 - Depth of Underlying Zone: ±3,600'

Injection Interval: 2925'-3298' (TD)

Set Injection packer @ ~2875'
2 3/8" IPC TBG

Perfs: 2925'-3042'

CIBP @ 3060' (W/10' cmt), Drill out

TD 3298'

INJECTION WELL DATA SHEET

OPERATOR: FAE II Operating, LLC

API NUMBER: 30-025-23456

WELL NAME & NUMBER: MOBERLY RHODES WF PROJECT #4

WELL LOCATION: <u>1990 FSL 2084 FEL</u>	<u>J</u>	<u>21</u>	<u>26S</u>	<u>37E</u>
FOOTAGE LOCATION	UNIT LETTER	SECTION	TOWNSHIP	RANGE

CURRENT WELLBORE SCHEMATIC

Well Name: <u>Moberly Rhodes WF #004</u>	Lease No: _____	Lease Type: _____	State: _____
Township: <u>26S</u>	Range: <u>37-E</u>	Sec: <u>21</u>	Location: <u>1990' FSL & 2084' FEL</u>
County: <u>Lea</u>	State: <u>NM</u>	API: <u>30-025-12019</u>	Formation: <u>[52250] RHODES; YATES-SEVEN RIVER;</u>

Surface Csg

Size: 8 5/8"

Wt.&Thrd: 20#

Grade: _____

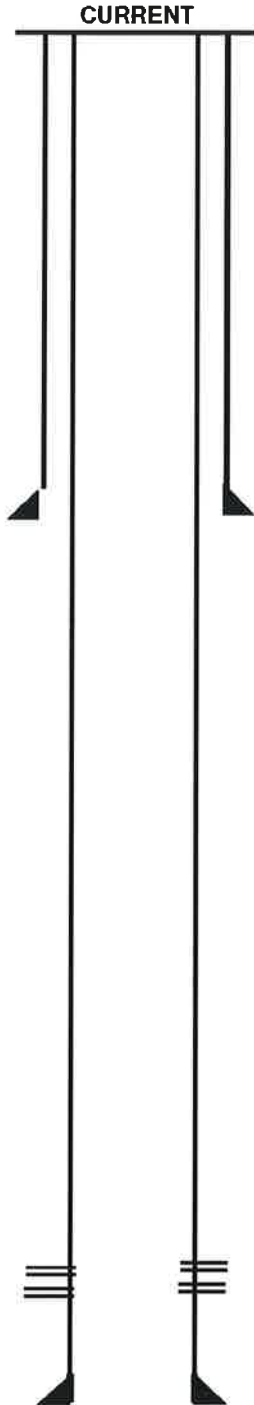
Set @: 558'

Sxs cmt: 320 sx

Circ: yes

TOC: Surface

Hole Size: 12 1/4"



KB: _____

DF: _____

GL: _____

Spud Date: 3/25/1970

Compl. Date: _____

History - Highlights

Production Csg

Size: 4 1/2"

Wt.&Thrd: 9.5#

Grade: _____

Set @: 3321'

Sxs cmt: 220 sx

Circ: _____

TOC: 2666' (temp)

Hole Size: 7 7/8"

Perfs: 3120-22', 3124-26', 3171-73', 3176-78', 3184-89'

PBTD 3285'
TD 3321'

INJECTION WELL DATA SHEET

OPERATOR: F AE II Operating, LLC

API NUMBER: 30-025-23456

WELL NAME & NUMBER: MOBERLY RHODES WF PROJECT #4

WELL LOCATION:	<u>1990 FSL 2084 FEL</u>	<u>J</u>	<u>21</u>	<u>26S</u>	<u>37E</u>
	FOOTAGE LOCATION	UNIT LETTER	SECTION	TOWNSHIP	RANGE

PROPOSED WELLBORE SCHEMATIC

Well Name:	<u>Moberly Rhodes WF #004</u>	Lease No:	_____	Lease Type:	_____	State:	_____
Township:	<u>26S</u>	Range:	<u>37-E</u>	Sec:	<u>21</u>	Location:	<u>1990' FSL & 2084' FEL</u>
County:	<u>Lea</u>	State:	<u>NM</u>	API:	<u>30-025-12019</u>	Formation:	<u>[52250] RHODES; YATES-SEVEN RIVER</u>

Surface Csg

Size: 8 5/8"

Wt.&Thrd: 20#

Grade: _____

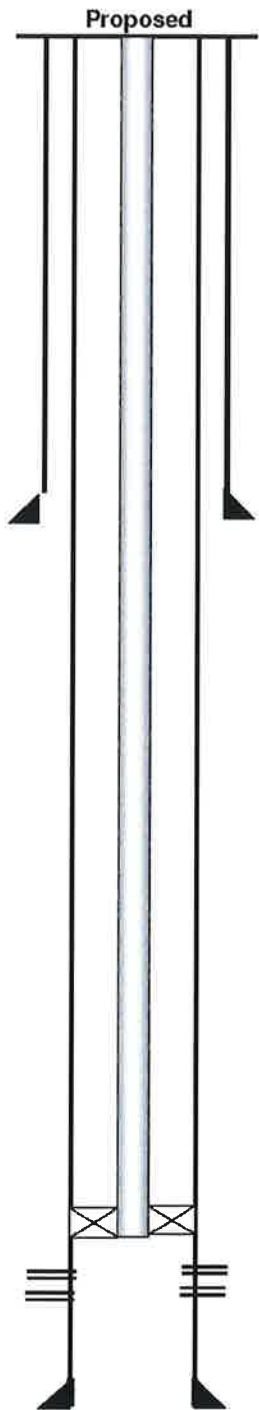
Set @: 558'

Sxs cmt: 320 sx

Circ: yes

TOC: Surface

Hole Size: 12 1/4"



KB: _____

DF: _____

GL: _____

Spud Date: 3/25/1970

Compl. Date: _____

History - Highlights

Set injection packer (AS1-X)@ 3070'
Run 2 3/8" IPC

Additional Data

- NOT a new well.
 - Originally & currently an oil well.
- Injection Formation: Yates & Seven Rivers
- Pool: [52250] RHODES;YATES-SEVEN RIVERS
- Well has NOT been perforated in another zone.
- Overlying Oil Zone: Tansil
 - Depth of Overlying Zone: ~2,770'
 Underlying Oil Zone: Queen
 - Depth of Underlying Zone: ±3,600'

AS-1X Packer @ 3070'
2 3/8" IPC tbg

Perfs: 3120-22', 3124-26', 3171-73', 3176-78', 3184-89'

Injection Interval: 3100'-3321' (TD)

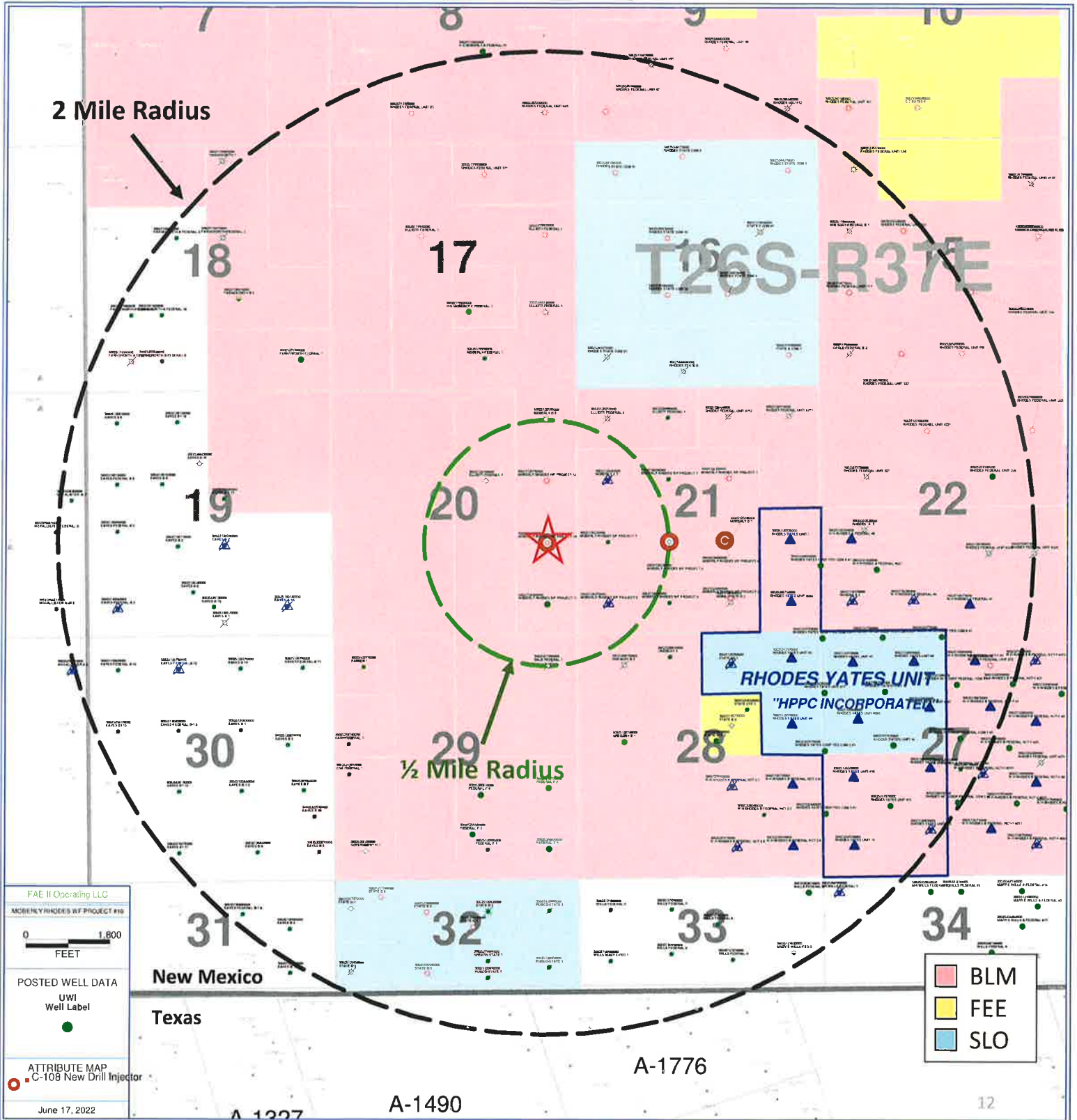
PBDT 3285'
TD 3321'

Part V.

V.
Exhibit A1 shows 8 unique well locations within a 1/2 mile radius of the proposed new drill injector location, and 177 unique well locations within a 2 mile radius.

MOBERLY RHODES WF PROJECT #10

API: 30-025-12019

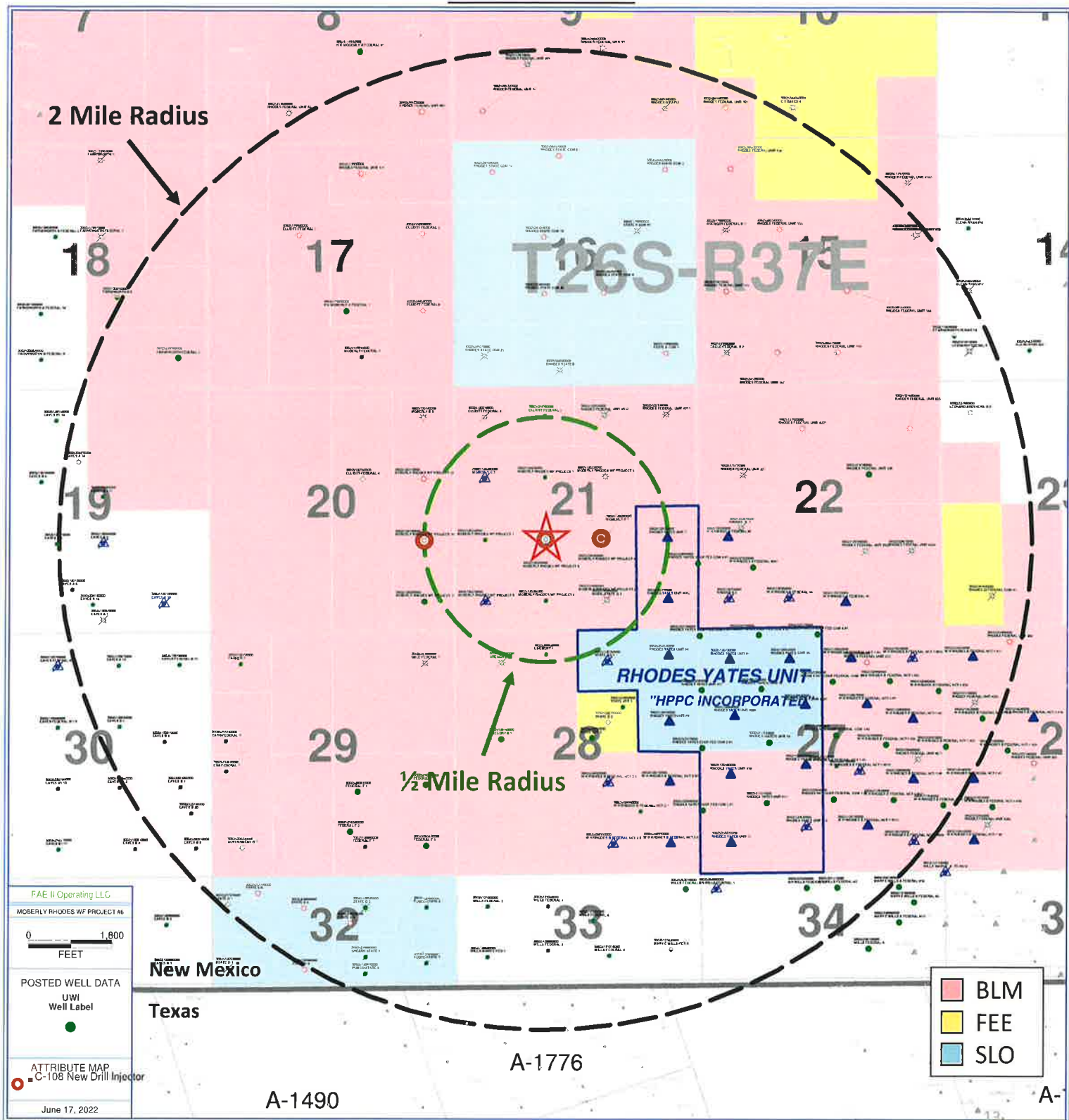


V.

Exhibit A2 shows 13 unique well locations within a 1/2 mile radius of the proposed new drill injector location, and 177 unique well locations within a 2 mile radius.

MOBERLY RHODES WF PROJECT #6

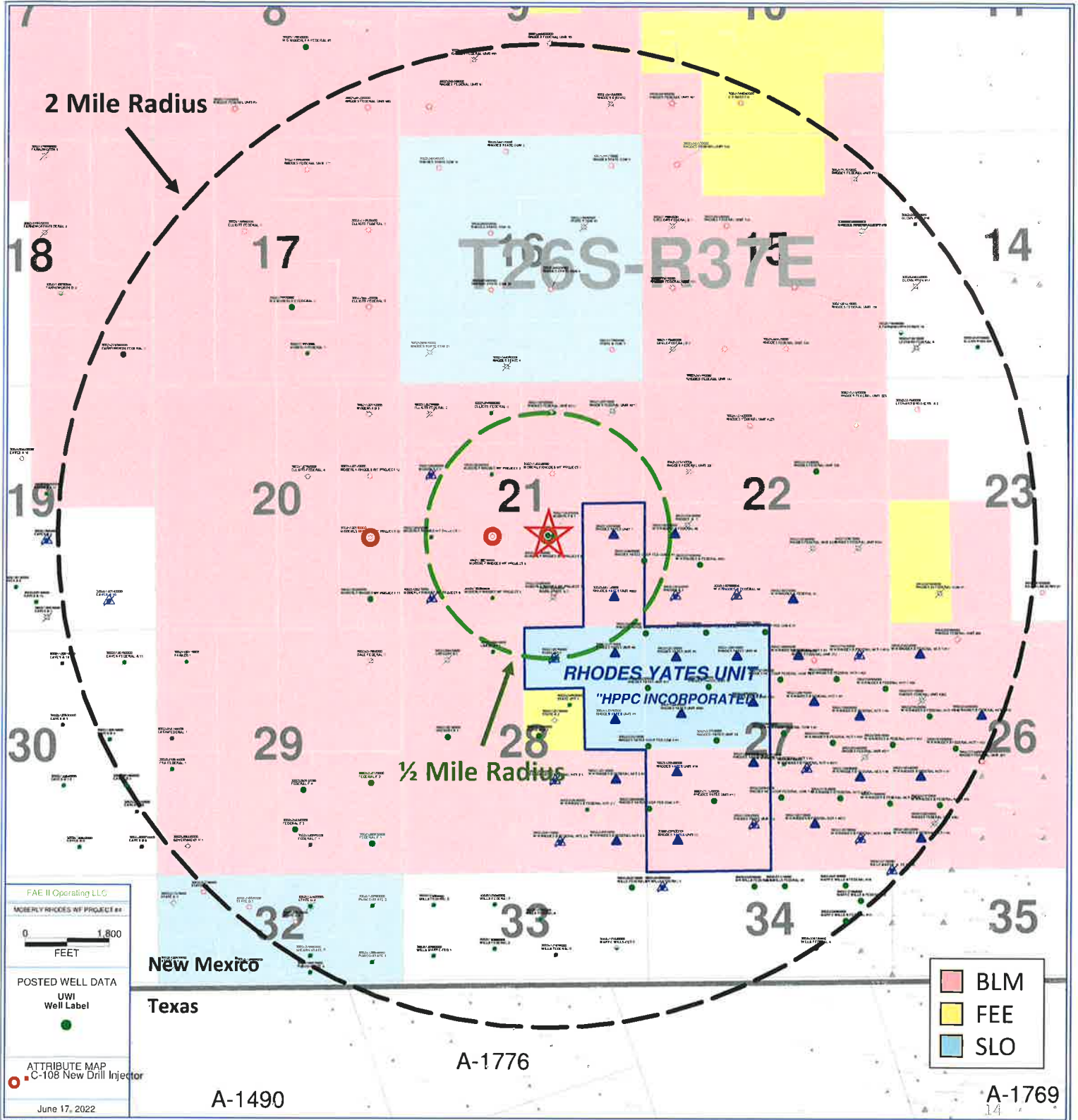
API: 30-025-12023



V. Exhibit A3 shows 12 unique well locations within a ½ mile radius of the proposed new drill injector location, and 177 unique well locations within a 2 mile radius.

MOBERLY RHODES WF PROJECT #4

API: 30-025-23456



Part VI.

Following Exhibits, B1-B3, 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-A3. The plugged well wellbore diagrams are displayed in Exhibits C1-C14.

Exhibit B1

MOBERLY RHODES WF PROJECT #10
API: 30-025-12019

1/2 Mile Radius

UWI/API	OPERATOR	WELL LABEL	TD	WELL TYPE	CURRENT ZONE	Distance from MOBERLY RHODES WF PROJECT 10 (Feet)	SPUD DATE	COMP DATE	TOWNSHIP	RANGE	SECTION	FOOTAGE
300251201900000	FAE II Operating LLC	MOBERLY RHODES WF PROJECT 10	3302	GAS	[52250] RHODES-YATES-SEVEN RIVERS	0	3/4/1944	5/23/1944	265	37E	20	660 FEL 1980 FSL
300251202500000	CIMAREX ENERGY CO OF COLORADO	MOBERLY RHODES WF PROJECT 7	3313	PLUGOIL	PLUGGED	1320.39	6/13/1941	9/26/1941	265	37E	21	660 FWL 1980 FSL
300251202000000	FAE II Operating LLC	MOBERLY RHODES WF PROJECT 11	3300	OIL	[52250] RHODES-YATES-SEVEN RIVERS	1320.63	8/20/1944	11/10/1944	265	37E	20	660 FEL 660 FSL
300251201700000	FAE II Operating LLC	MOBERLY RHODES WF PROJECT 12	3297	GAS	[52250] RHODES-YATES-SEVEN RIVERS	1331.55	10/18/1944	2/10/1945	265	37E	20	660 FEL 1980 FNL
300251202700000	CIMAREX ENERGY CO OF COLORADO	MOBERLY RHODES WF PROJECT 9	3310	PLUGINI	PLUGGED	1867.5	11/1/1941	2/24/1942	265	37E	21	660 FWL 660 FSL
300251201600000	EL PASO NATURAL GAS COMPANY	ELLIOTT-FEDERAL 4	3745	DRY	PLUGGED	1875.61	7/10/1954	8/4/1954	265	37E	20	1980 FEL 1980 FNL
300251202400000	CIMAREX ENERGY CO OF COLORADO	MOBERLY C 3	3363	PLUGINI	PLUGGED	1877.39	2/16/1942	7/10/1942	265	37E	21	660 FWL 1980 FNL
300252516600000	BURLESON LEWIS B INCORPORATED	DALE FEDERAL 1	3350	PLUGGAS	PLUGGED	2637.63	11/12/1975	1/30/1976	265	37E	29	660 FEL 660 FNL

Exhibit B2

MOBERLY RHODES WF PROJECT #6
API: 30-025-12023

1/2 Mile Radius

UWI/API	OPERATOR	WELL LABEL	ID	WELL TYPE	CURRENT ZONE	Distance from MOBERLY RHODES WF PROJECT 6 (feet)	SPUD DATE	COMP DATE	TOWNSHIP	RANGE	SECTION	FOOTAGE
300251202300000	FAE II Operating LLC	MOBERLY RHODES WF PROJECT 6	3298	TA	[52250] RHODES-YATES-SEVEN RIVERS	0	3/2/1941	6/19/1941	265	37E	21	1980 FWL 1980 FSL
300252345600000	FAE II Operating LLC	MOBERLY RHODES WF PROJECT 4	3322	OIL	[52250] RHODES-YATES-SEVEN RIVERS	1205.8	3/25/1970	6/1/1970	265	37E	21	2084 FEL 1990 FSL
300251202800000	EL PASO NATURAL GAS COMPANY	MOBERLY B 1	3254	PLUGGAIL	PLUGGED	1311.1	7/10/1940	12/6/1940	265	37E	21	1980 FEL 1980 FSL
300251202500000	CIMAREX ENERGY CO OF COLORADO	MOBERLY RHODES WF PROJECT 8	3314	PLUGGAIL	PLUGGED	1317	7/20/1941	8/27/1941	265	37E	21	1980 FWL 660 FSL
300251202900000	CIMAREX ENERGY CO OF COLORADO	MOBERLY RHODES WF PROJECT 7	3313	PLUGGAIL	PLUGGED	1320.39	6/13/1941	9/26/1941	265	37E	21	660 FWL 1980 FSL
300253250600000	FAE II Operating LLC	MOBERLY RHODES WF PROJECT 1	3300	PLUGGAIL	PLUGGED	1338.83	4/6/1941	7/10/1941	265	37E	21	1980 FWL 1980 FNL
300251203000000	EL PASO NATURAL GAS COMPANY	MOBERLY RHODES WF PROJECT 2	3850	GAS	[52250] RHODES-YATES-SEVEN RIVERS	1792.36	4/3/1994	9/26/1995	265	37E	21	1980 FEL 760 FSL
300251202700000	CIMAREX ENERGY CO OF COLORADO	MOBERLY RHODES WF PROJECT 9	3348	PLUGGAS	PLUGGED	1860.55	12/3/1941	2/10/1942	265	37E	21	1980 FEL 660 FSL
300251202400000	CIMAREX ENERGY CO OF COLORADO	MOBERLY RHODES WF PROJECT 3	3310	PLUGGINJ	PLUGGED	1867.51	11/1/1941	2/24/1942	265	37E	21	660 FWL 660 FSL
300251202200000	FAE II Operating LLC	MOBERLY RHODES WF PROJECT 5	3260	GAS	[52250] RHODES-YATES-SEVEN RIVERS	1873.02	2/16/1942	7/10/1942	265	37E	21	660 FWL 1980 FNL
300252498500000	MACX ENERGY CORPORATION	LINEBERY 1	3396	PLUGGAIL	PLUGGED	2477.56	11/30/1940	5/2/1941	265	37E	28	1980 FEL 1980 FNL
300251203300000	HPPC, INC.	RHODES YATES UNIT 1	3253	INJECT	[52250] RHODES-YATES-SEVEN RIVERS	2628.39	3/7/1975	4/29/1975	265	37E	28	1980 FWL 500 FNL

Exhibit B3

MOBERLY RHODES WF PROJECT #4
API: 30-025-23456

UWI/API	OPERATOR	WELL LABEL	TD	WELL TYPE	CURRENT ZONE	Distance from MOBERLY RHODES WF PROJECT 4 (feet)	SPUD DATE	COMP DATE	TOWNSHIP	RANGE	SECTION	FOOTAGE
30025120280000	FAE II Operating LLC	MOBERLY RHODES WF PROJECT 4	3322	OIL	[52250] RHODES;YATES-SEVEN RIVERS	0	3/25/1970	6/1/1970	265	37E	21	2064 FEL 1990 FSL
30025120280000	EL PASO NATURAL GAS COMPANY	MOBERLY B 1	3254	PLUGGOL	PLUGGED	105.95	7/10/1940	12/6/1940	265	37E	21	1980 FEL 1980 FSL
30025120230000	FAE II Operating LLC	MOBERLY RHODES WF PROJECT 6	3298	TA	[52250] RHODES;YATES-SEVEN RIVERS	1205.8	3/2/1941	6/19/1941	265	37E	21	1980 FWL 1980 FSL
30025325060000	FAE II Operating LLC	MOBERLY RHODES WF PROJECT 2	3850	GAS	[52250] RHODES;YATES-SEVEN RIVERS	1238.09	4/3/1994	9/26/1995	265	37E	21	1980 FEL 760 FSL
30025120220000	FAE II Operating LLC	MOBERLY RHODES WF PROJECT 5	3260	GAS	[52250] RHODES;YATES-SEVEN RIVERS	1335.24	11/30/1940	5/2/1941	265	37E	21	1980 FEL 1980 FSL
30025120330000	EL PASO NATURAL GAS COMPANY	MOBIL STATE Q 2	3348	PLUGGAS	PLUGGED	1335.96	12/3/1941	2/10/1942	265	37E	21	1980 FEL 660 FSL
30025120290000	HPPC, INC.	RHODES YATES UNIT 1	3253	INJECT	[52250] RHODES;YATES-SEVEN RIVERS	1422.72	1/2/1941	4/16/1941	265	37E	21	660 FEL 1980 FSL
30025120290000	CIMAREX ENERGY CO OF COLORADO	MOBERLY RHODES WF PROJECT 1	3300	PLUGGOL	PLUGGED	1788.83	4/6/1941	7/10/1941	265	37E	21	1980 FWL 1980 FSL
30025120260000	CIMAREX ENERGY CO OF COLORADO	MOBERLY RHODES WF PROJECT 8	3314	PLUGGOL	PLUGGED	1796.34	7/20/1941	8/27/1941	265	37E	21	1980 FWL 660 FSL
30025245750000	HPPC, INC.	RHODES YATES UNIT #002	3350	INJECT	[52250] RHODES;YATES-SEVEN RIVERS	1953.15	12/22/1973	1/12/1974	265	37E	21	660 FEL 660 FSL
30025324600000	HPPC, INC.	RHODES YATES COOP FEED COM 4 #1	3400	OIL	[52250] RHODES;YATES-SEVEN RIVERS	2150.94	3/17/1994	4/29/1994	265	37E	21	10 FEL 1430 FSL
30025120250000	CIMAREX ENERGY CO OF COLORADO	MOBERLY RHODES WF PROJECT 7	3313	PLUGGOL	PLUGGED	2526.14	6/13/1941	9/26/1941	265	37E	21	660 FWL 1980 FSL

Part VI. Continued

Plugged Wellbore Diagrams

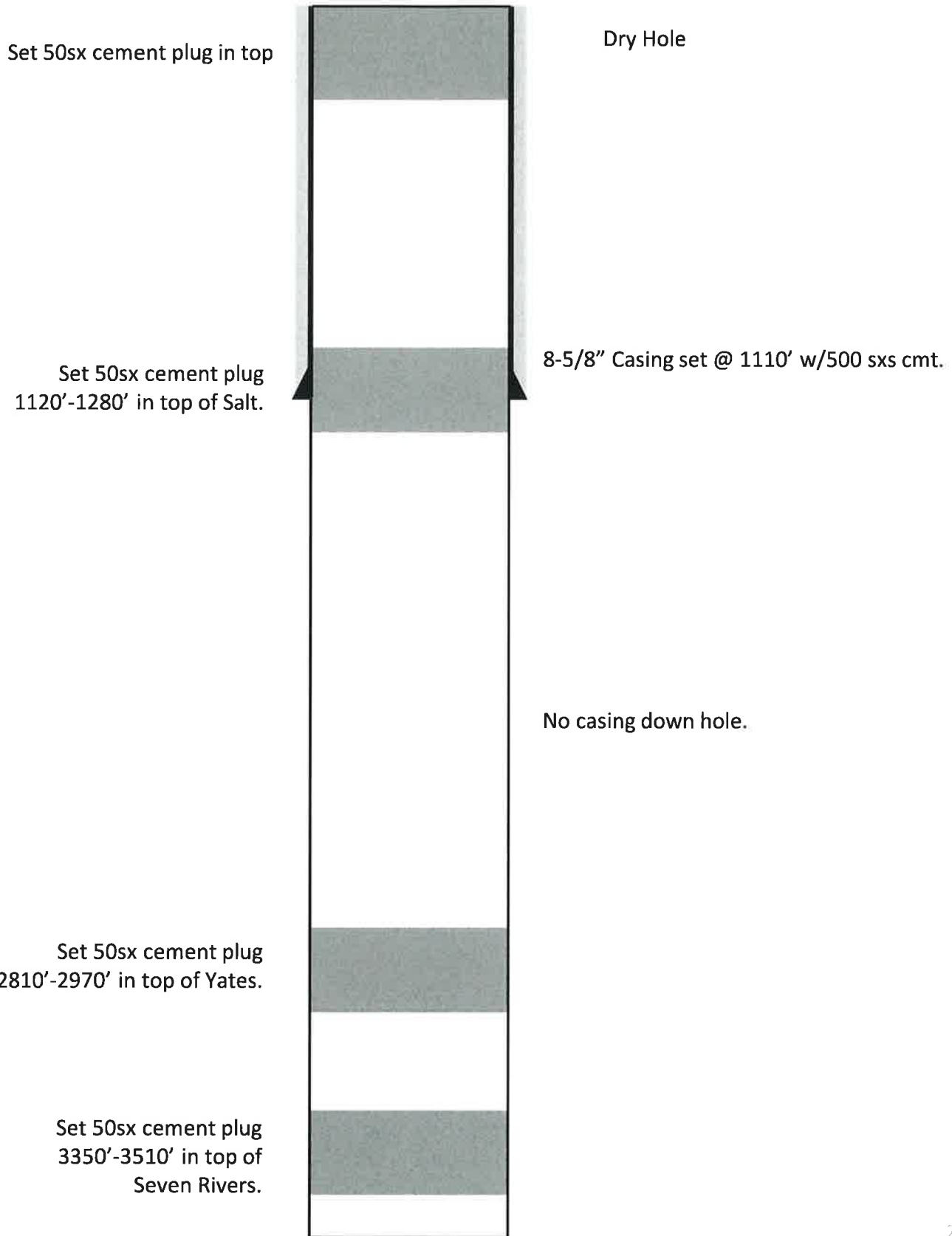
VI. Exhibit C1

ELLIOTT-FEDERAL 4

API# 30-025-12016

1980 FEL 1980 FNL,

Sec 20, T26S, R37E Lea Co., NM



VI. Exhibit C2

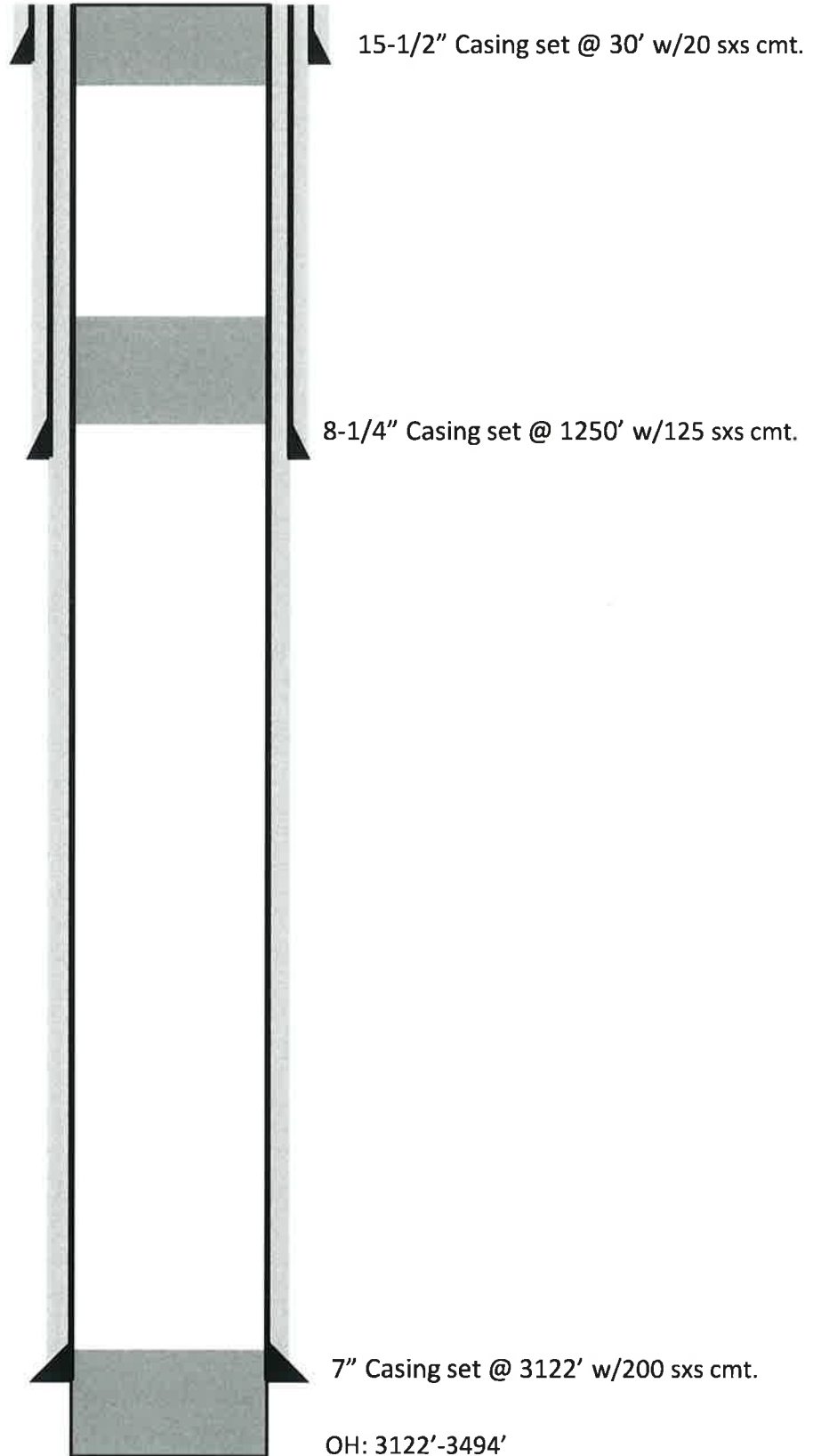
MOBERLY B 8

API# 30-025-12018

660 FEL 660 FNL,

Sec 20, T26S, R37E Lea Co., NM

Plugged since 1944? No record at NMOCD of up hole plugging.



VI. Exhibit C3

MOBERLY C 3

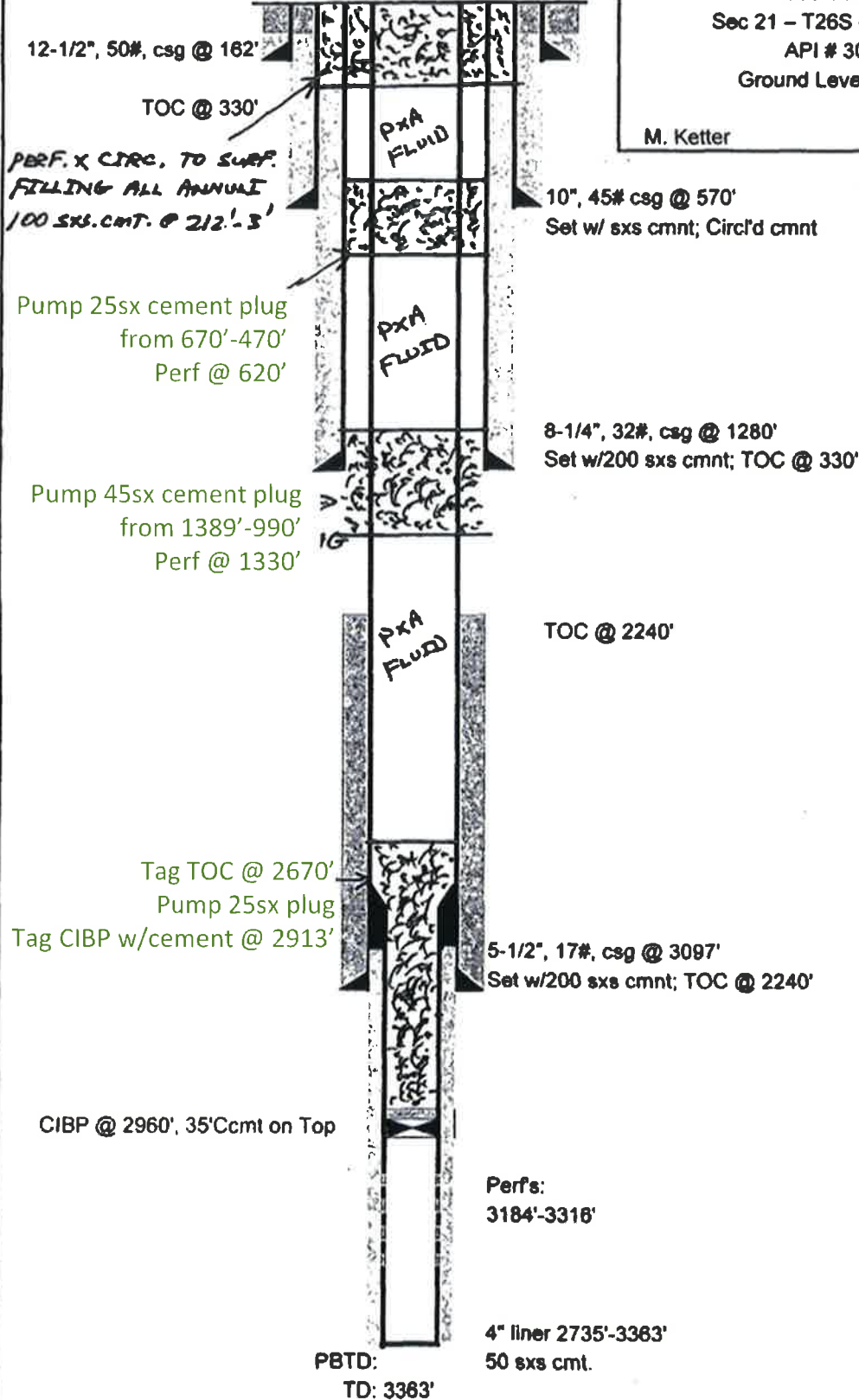
API# 30-025-12024
660 FWL 1980 FNL,
Sec 21, T26S, R37E Lea Co., NM



Cimarex Energy Co. of Colorado
Moberly Fed C #3
1980' FNL & 660' FWL
Sec 21 - T26S - R37E, Lea Co NM
API # 30-025-12024
Ground Level Elevation: 2974'

M. Ketter

6/19/2012



DAE 06/23/12

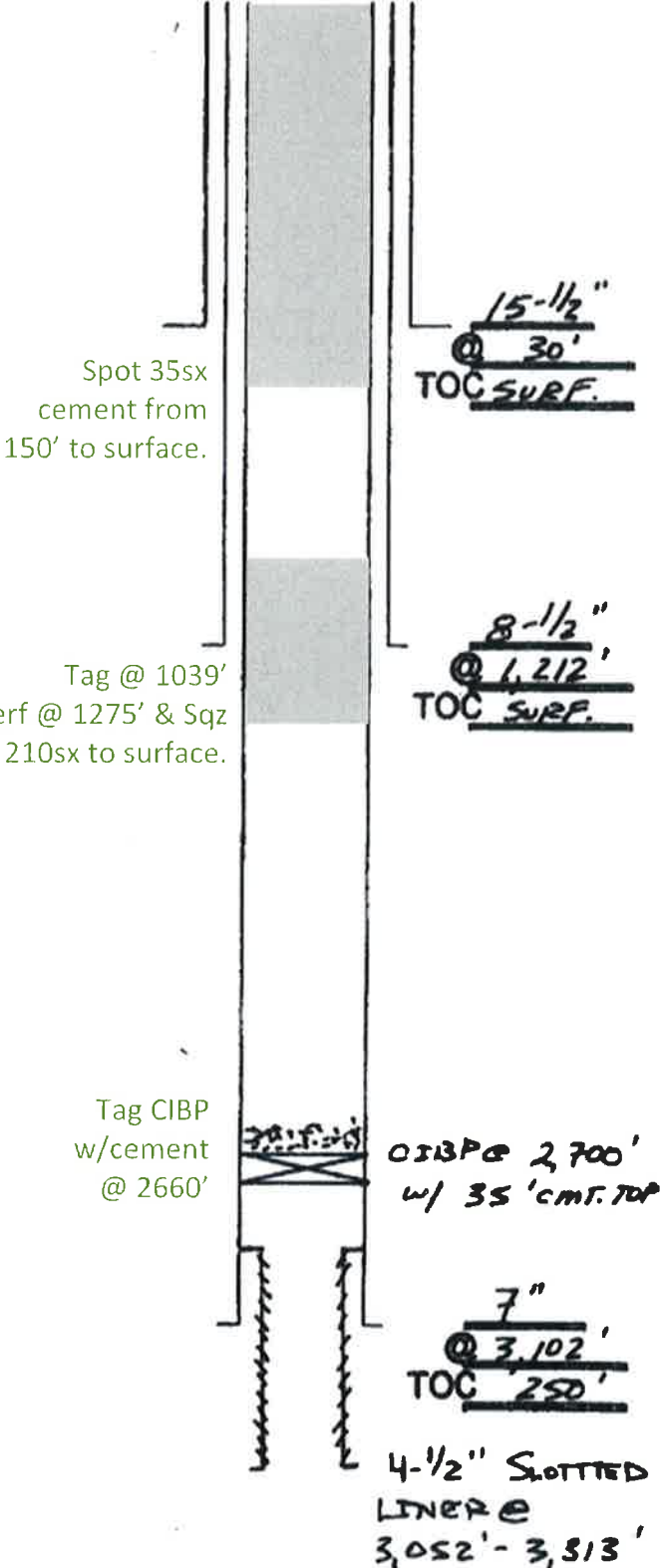
MOBERLY RHODES WF PROJECT 7

VI. Exhibit C4

API# 30-025-12025
 660 FWL 1980 FSL,
 Sec 21, T26S, R37E Lea Co., NM

OPERATOR GRUPE PETROLEUM MANAGEMENT Co.
 LEASENAME MOBERLY RHODES WF
 WELL # 7
 SECT 21 TWN 26S RNG 37E
 FROM 1980' N/S L 660' E/W L UNIT LETTER L.
 TD: 3,313' FORMATION @ TD YATES - F. RIVERS
 PBTD: 2,665' FORMATION @ PBTD -

	SIZE	SET @	TOC	TOC DETERMINED BY	
SURFACE	15-1/2"	30'	SURF.		
INTMED 1	8-1/2"	1,212'	SURF.	CIRC.	
INTMED 2	7"	3,102'	250'	CALC.	
PROD					
	SIZE	TOP	BOT	TOC	DETERMINED BY
LINER 1	4-1/2"	3,052'	3,313'	N/A	SLOTTED
LINER 2					
	CUT & PULL @			TOP - BOTTOM	
INTMED 1				PERF	-
INTMED 2				OPENSOLE	-
PROD					



Spot 35sx
 cement from
 150' to surface.

Tag @ 1039'
 Perf @ 1275' & Sqz
 210sx to surface.

Tag CIBP
 w/cement
 @ 2660'

TD @ 3313'

MOBERLY RHODES WF PROJECT 8

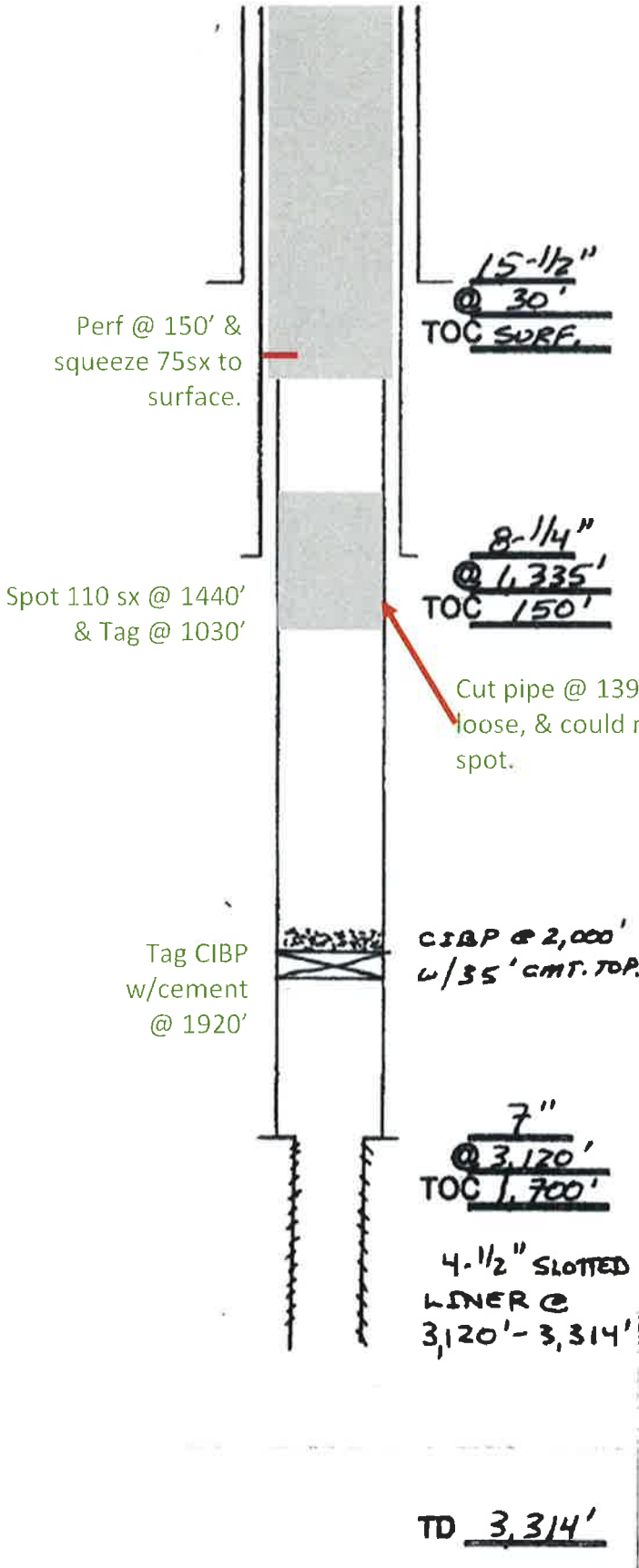
VI. Exhibit C5

API# 30-025-12026
 1980 FWL 660 FSL,
 Sec 21, T26S, R37E Lea Co., NM

OPERATOR GRUY PETROLEUM MANAGEMENT Co.
 LEASENAME MOBERLY RHODES WF

WELL # 8
 SECT 21 TWN 26S RNG 37E
 FROM 660 N/S L 1980 E/W L
 TD: 3,314' FORMATION @ TD YATES/2-RINGS
 PBD: 3,314' FORMATION @ PBD
1,965'

	SIZE	SET @	TOC	TOC DETERMINED BY
SURFACE	15-1/2"	30'	SURF	CJAC.
INTMED 1	8-1/4"	1,335'	150'	CALC.
INTMED 2				
PROD	7"	3,120'	1,700'	CALC.
	SIZE	TOP	BOT	TOC DETERMINED BY
LINER 1	4-1/2"	3,120'	3,314'	N/A
LINER 2				SLOTTED
	CUT & PULL @		TOP - BOTTOM	
INTMED 1			PERFS	-
INTMED 2			OPENHOLE	3,120' - 3,314'
PROD				



VI. Exhibit C6

MOBERLY RHODES WF PROJECT 9

API# 30-025-12027

660 FWL 660 FSL,

Sec 21, T26S, R37E Lea Co., NM



Cimarex Energy Co. of Colorado
 Moberly Rhodes WF Project #9
 API 30-025-12027
 660' FSL & 660' FWL, Sec 21, T26S R37E
 Lea County, NM
 GL: 2976'

15-1/2" 70# csg @ 30'
25 sxs; Circl'd cmt

Spudded 11/1/1941
Original Operator: Krupp & Flaherty
Original Well Name: Moberly "B" #6
Drilled using cable tools



Pump 30sx w/LCM @ 20' to Surface
 Attempt to circ 70sx & Tag @ 20'
 Tag @ 28' in annulus
 Perf @ 49' & Sqz 45sx cement
 Tag @ 50'
 Perf @ 100' & Sqz 130sx cement

8-1/4" 32# csg @ 1,335', 10" hole
200 sxs; TOC NR

PEEP. x SQZ. 110 SXS. CMT. @ 1385' - 1071' TAG

Pump 90. SXS. CMT. @ 2961' - 2426'

SET 7" CIBP @ 2961'

7" 20# csg @ 3,050'
200 sxs, TOC NR

Sqz'd from 3,050'-3,180' w/ 200 sxs cement

Shot OH 3248 - 3283' w/50quarts Nitro (2/42)

6-1/4" or 4-1/2" slotted liner 3,033'-3,292' (9/70)

OH: 3,050'-3,310' (1/42)

PBTD: NR
TD: 3310'

D&E 05/07/14

M. Ketter 5/6/2014

Revised 09/16/14 D&E

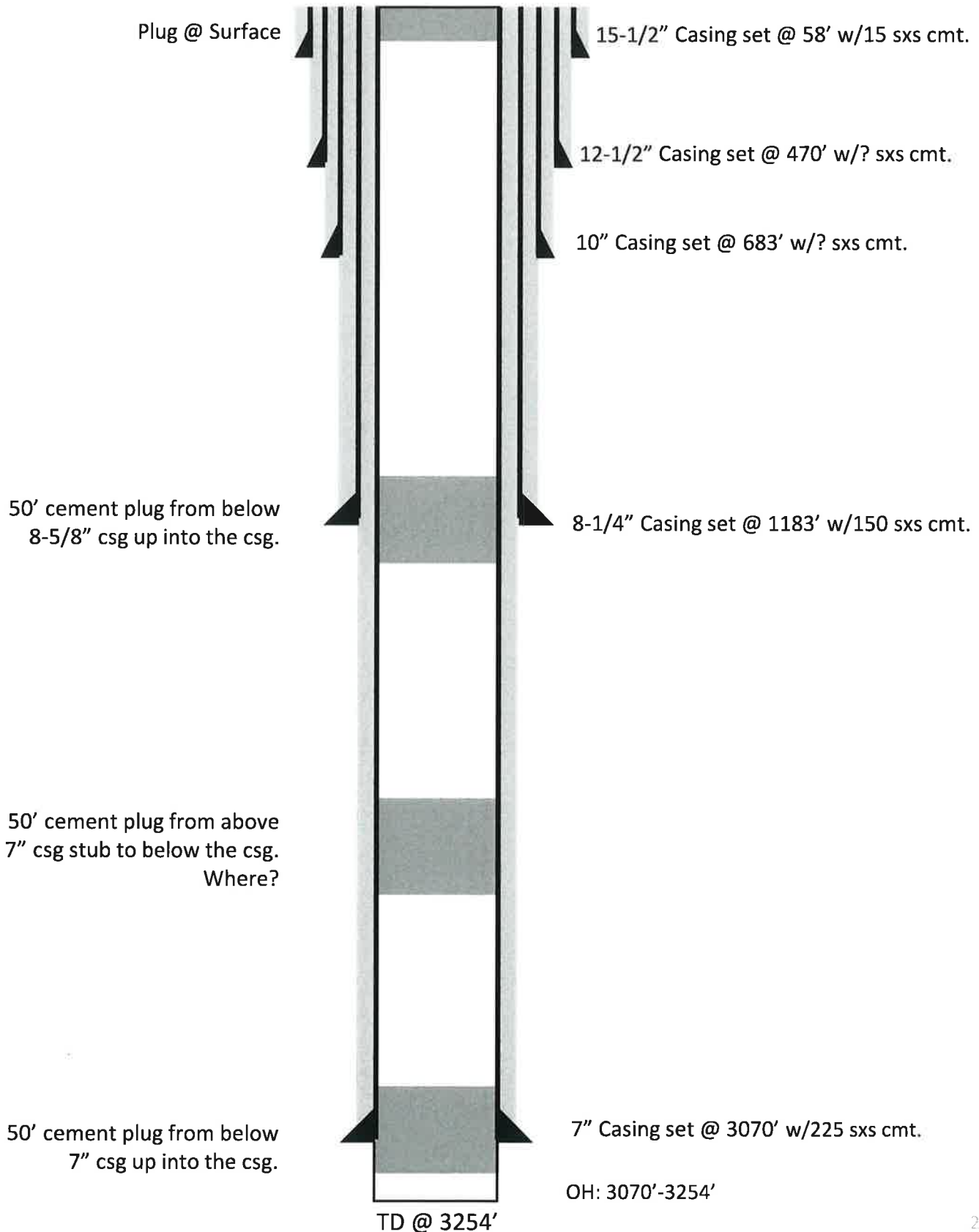
VI. Exhibit C7

MOBERLY B 1

API# 30-025-12028

1980 FEL 1980 FSL,

Sec 21, T26S, R37E Lea Co., NM



MOBERLY RHODES WF PROJECT 1

VI. Exhibit C8

API# 30-025-12029
1980 FWL 1980 FNL,
Sec 21, T26S, R37E Lea Co., NM

HOLE SIZE _____

Driven in Place

CASING SIZE 1 5/2"

TD 70'

HOLE SIZE 12 1/4

Circ

CASING SIZE 8 1/2"

TD 1170'

HOLE SIZE 7.875

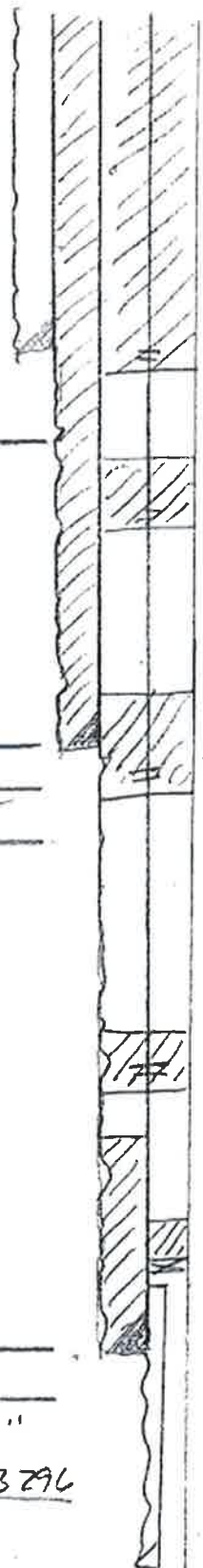
200' ^{SY} cmt.

CASING SIZE 7"

TD 3105

Casing Liner 4 1/2"
3069 - 3296

TD 3310



SALT SECTIONS TOP 1093

BASE 2720

RIMP /

CAVE / KARST /

SPEC. WATER /

No. Cont
Circ.

Part @ 120
120-Surf
19/104
TDC SURF
INT
PRDB

Part. 505-405
WOC Tag
FORMATIONS

Part 1,220-1070
WOC Tag

Part 2785-2655 (BOS)
130' plug
WOC Tag

255x
CIBAE
3050
3050 - 2920
DVT

PERFORATIONS _____

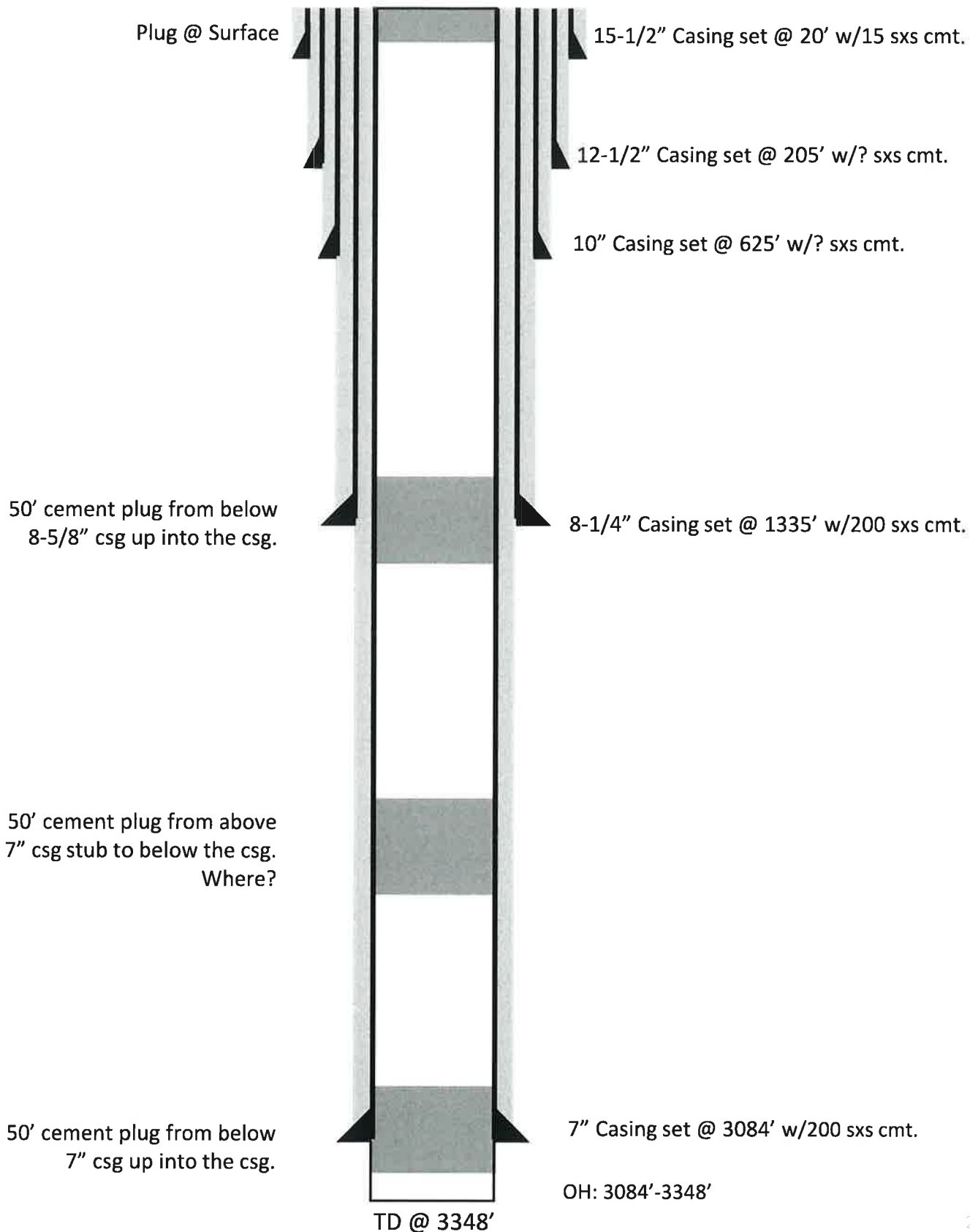
VI. Exhibit C9

MOBIL-STATE Q 2

API# 30-025-12030

1980 FEL 660 FSL,

Sec 21, T26S, R37E Lea Co., NM



VI. Exhibit C10

RHODES FEDERAL UNIT #212

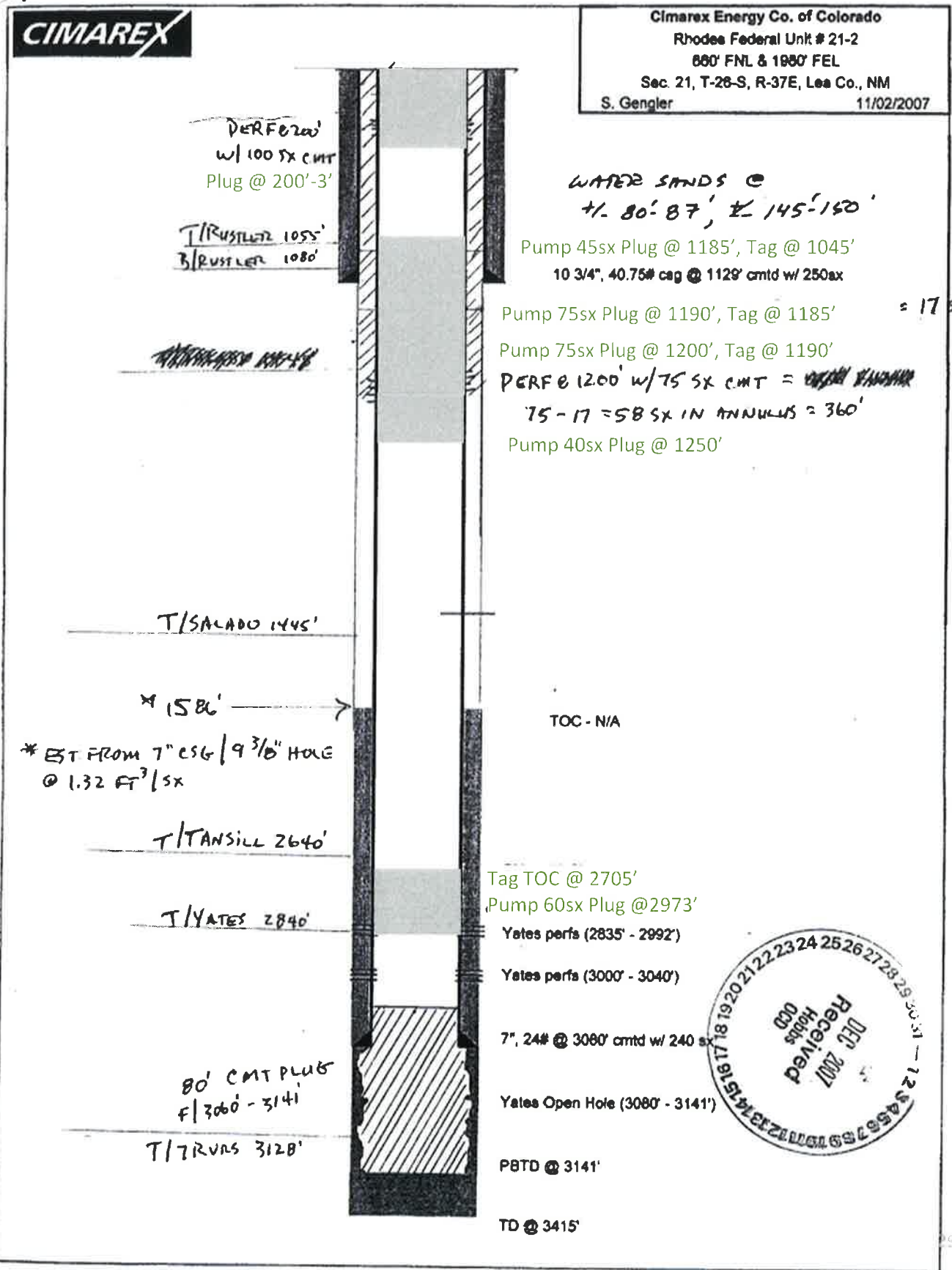
API# 30-025-12032

1980 FEL 660 FNL,

Sec 21, T26S, R37E Lea Co., NM



Cimarex Energy Co. of Colorado
 Rhodes Federal Unit # 21-2
 660' FNL & 1980' FEL
 Sec. 21, T-26-S, R-37E, Lea Co., NM
 S. Gengler 11/02/2007



VI. Exhibit C11

STATE AD 1 (RHODES YATES UNIT #003)

API# 30-025-12076

1980 FEL 660 FNL,

Sec 28, T26S, R37E Lea Co., NM

Tag @ 18' & circ 10sx to surface

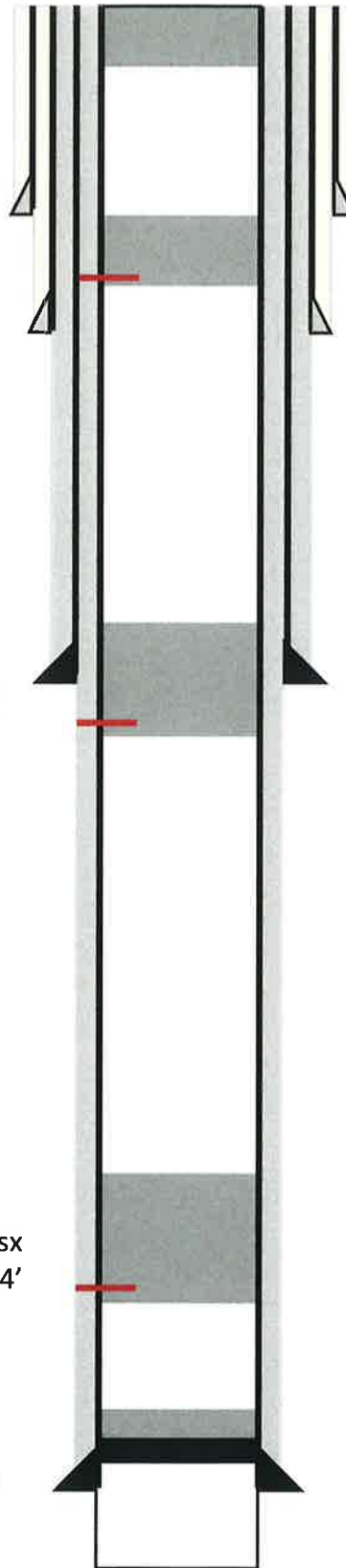
Perf @ 60', pump 30sx cement, fell back, & Tag @ 18'

Perf @ 400', pump 30sx cement, & Tag @ 212'

Perf @ 1210', pump 30sx cement, & Tag @ 1003'

Perf @ 2845', pump 50sx cement, & Tag @ 2594'

Set CIBP @ 3030' w/ 35' cement on top



13" Casing set @ 204' w/0 sxs cmt (pulled?).

10" Casing set @ 622' w/? sxs cmt (pulled?).

8-5/8" Casing set @ 1150' w/350 sxs cmt.

TOC ?

5-1/2" Casing set @ 3135' w/300 sxs cmt.

OH: 3135'-3310'

TD @ 3310'

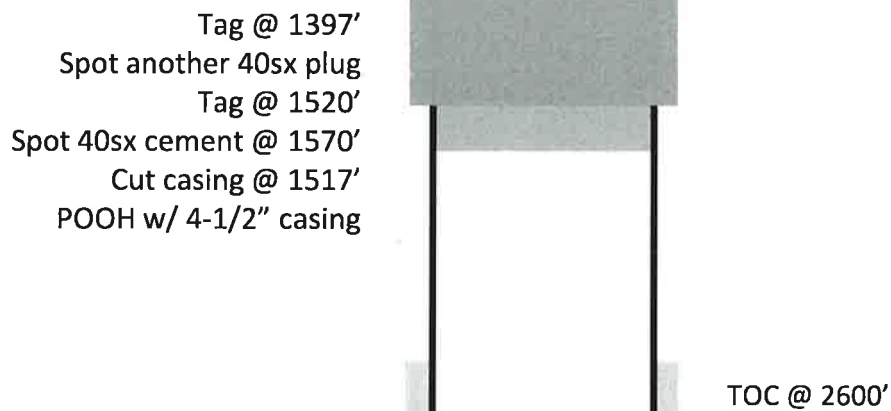
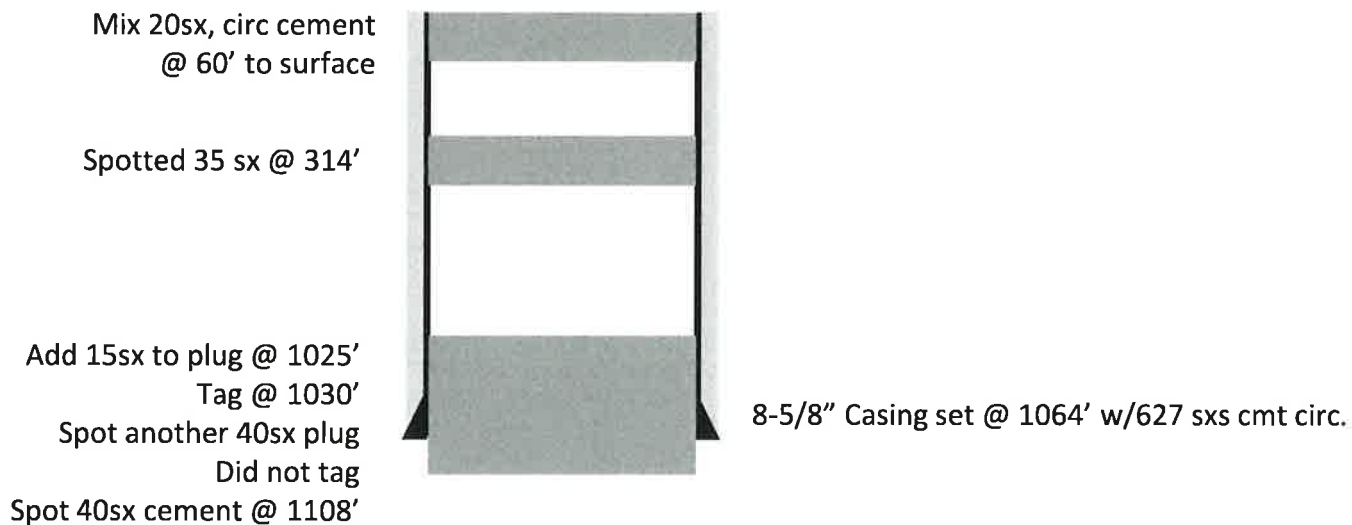
VI. Exhibit C14

ELLIOTT FEDERAL 5

API# 30-025-28496

1980 FWL 660 FNL,

Sec 21, T26S, R37E Lea Co., NM



VII. Proposed Injection Operation

1. Average injection rate target will be ~750 bpd. Maximum injection rate will be 1000 bpd. These numbers are based off of typical injection rates in nearby Seven Rivers-Queen water floods.
2. The system will be a closed system. The injection well will not be made available for commercial disposal purposes.
3. Average injection pressure will be ~700 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 2,925' and 3,100' (or 585 psi and 620 psi maximum injection pressure, respectively). Pending results of a step rate test, the maximum injection pressure could potentially be increased to a factor of 0.6 psi/ft (or 1,755 psi at 2,925' and 1,860 psi at 3,100').
4. The water source will be produced water from nearby wells and water transfer lines.
5. Injection will be into the Seven Rivers – Queen formation, which is immediately productive in the area.

VIII. Geologic Data

The proposed waterflood will be injecting into the Yates-Seven Rivers reservoir. The portion that will be injected consists mainly of sandstones interbedded with dolomites and some anhydrites. The reservoir quality rocks have porosities ranging from 10% to 22% and averages around 16%.

Formation Tops Are:

Formation	Offset Top (RHODES STATE #6) 30-025-34408	Contents
Alluvium	GL	Fresh Water
Rustler	1050'	Anhydrite
Salado (top of salt)	1177'	Salt
Tansil (base of salt)	2701'	Gas, Oil, & Water
Yates	2843'	Gas, Oil, & Water
Seven Rivers	3143'	Gas, Oil, & Water
<i>Y-SR Injection Interval</i>	<i>3150'-3400'</i>	<i>Gas, Oil, & Water</i>
Queen	3513'	Gas, Oil, & Water
<i>Grayburg</i>	<i>3785'</i>	<i>Gas, Oil, & Water</i>
Total Depth	3850'	

IX. Proposed Stimulation Program

The new drill injector will be acidized with 4,000 gal 15% HCl with diverter for each set of perforations. Acid in the Seven Rivers-Queen formation is known to break down the perms and cause injection at lower pressures vs perforating alone.

X. Logging and Test Data for Wells

The MOBERLY RHODES WF PROJECT #10, MOBERLY RHODES WF PROJECT #6, and MOBERLY RHODES WF PROJECT #4 will be converted to injectors. The well log for the MOBERLY RHODES WF PROJECT #4 has been submitted to the NMOCD previously.

Test Data for the above mentioned wells is as follows:

MOBERLY RHODES WF PROJECT #10

Date: 5-14-1944

Perf Interval: Open Hole 3150'-3302'

Method: 40 Qts Liquid Nitro across 3165'-3185'

60 Qts Liquid Nitro across 3221'-3255'

Result: 60 bbls oil in 24 hours w/no water

Date: 10-26-1995

Perf Interval: 2960'-3108'

Method: Acidize w/ 1500 gals 7.5% HCl & F
w/ 53,500 gls 50% CO2 + 104,500# 12/20 brady sand

Result: 0 bbls oil, 0 bbls water, & 491 AOF

MOBERLY RHODES WF PROJECT #6

Date: 5-24-1941

Perf Interval: Open Hole 3070'-3298'

Method: 30 Qts Liquid Nitro across 3184'-3194'

15 Qts Liquid Nitro across 3194'-3253'

55 Qts Liquid Nitro across 3253'-3270'

Result: 300 bbls oil in 24 hours w/no water

Date: 8-15-1995

Perf Interval: 2925'-3042'

Method: Acidize w/ 1000 gals 7.5% HCl & F
w/ 57,000 gls 50% CO2 + 158,000# 12/20 brady sand

Result: 0 bbls oil, 0 bbls water, & 907 AOF

X. Logging and Test Data for Wells (continued)

MOBERLY RHODES WF PROJECT #4

Date: 6-12-1970

Perf Interval: Perfs: 3120-22', 3124-26', 3171-73', 3176-78', 3184-89' w/1 spf

Method: Acidize w/ 1500 gals MCA

Result: 3 bbls oil, 0 bbls water, & TSTM mcf gas

XI. Chemical Analysis of Fresh Water Wells

According to the New Mexico Office of the State Engineer, there are NO active water wells within 1 mile of the proposed injector locations (Exhibits D1a & b to D3a & b).

FAE II Operating, LLC was able to get 2 fresh water samples from cattle trough wells. A map showing their locations relative to the proposed injector locations can be seen in Exhibit E1. The first sample was taken from a trough labeled as "Rhodes FW" and a sample ID of H222517-01 (Lat: 32.03946, Long: -103.16114) and is about 0.93 Miles North East from the MOBERLY RHODES WF PROJECT #4 location. The second sample was taken from another trough labeled as "Rhodes FW" and a sample ID of H222517-02 (Lat: 32.05976, Long: -103.16562) and is about 2.3 Miles North from the MOBERLY RHODES WF PROJECT #4 location. Their analyses can be seen on Exhibit E3.

Produced water samples of similar water that will be injected were also taken from the Rhodes Federal Unit #55 Well (Lat: 32.0740658, Long: -103.1825748) and the Arnott Ramsay Battery (Lat: 32.086642, Long: -103.186921). The two samples are about 3.32 miles and 4.21 miles North of the MOBERLY RHODES WF PROJECT #10 respectively. Their analyses can be seen in Exhibit E3 as well.

Well 1: MOBERLY RHODES WF PROJECT #10

XI. Exhibit D1a

Location: Twn 26S Rge 37E Sec 20

Footages: **1980 FSL 660 FEL**

County: Lea

Location For Office of the State Engineer:

NAD 1983 UTM Zone 13

Easting (X): **672025.152** mtrs

Northing (Y): **3544857.482** mtrs

Water Wells Within 1 Mile Radius

**** 0 Active ****



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

UTM NAD83 Radius Search (in meters):

Easting (X): 672025.152

Northing (Y): 3544857.482

Radius: 1609.3

The data is furnished by the NMIOSE 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.

6/22/22 1:46 PM

WATER COLUMN AVERAGE
DEPTH TO WATER

Well 1: MOBERLY RHODES WF PROJECT #10

XI. Exhibit D1b

Location: Twn 26S Rge 37E Sec 20

Footages: **1980 FSL 660 FEL**

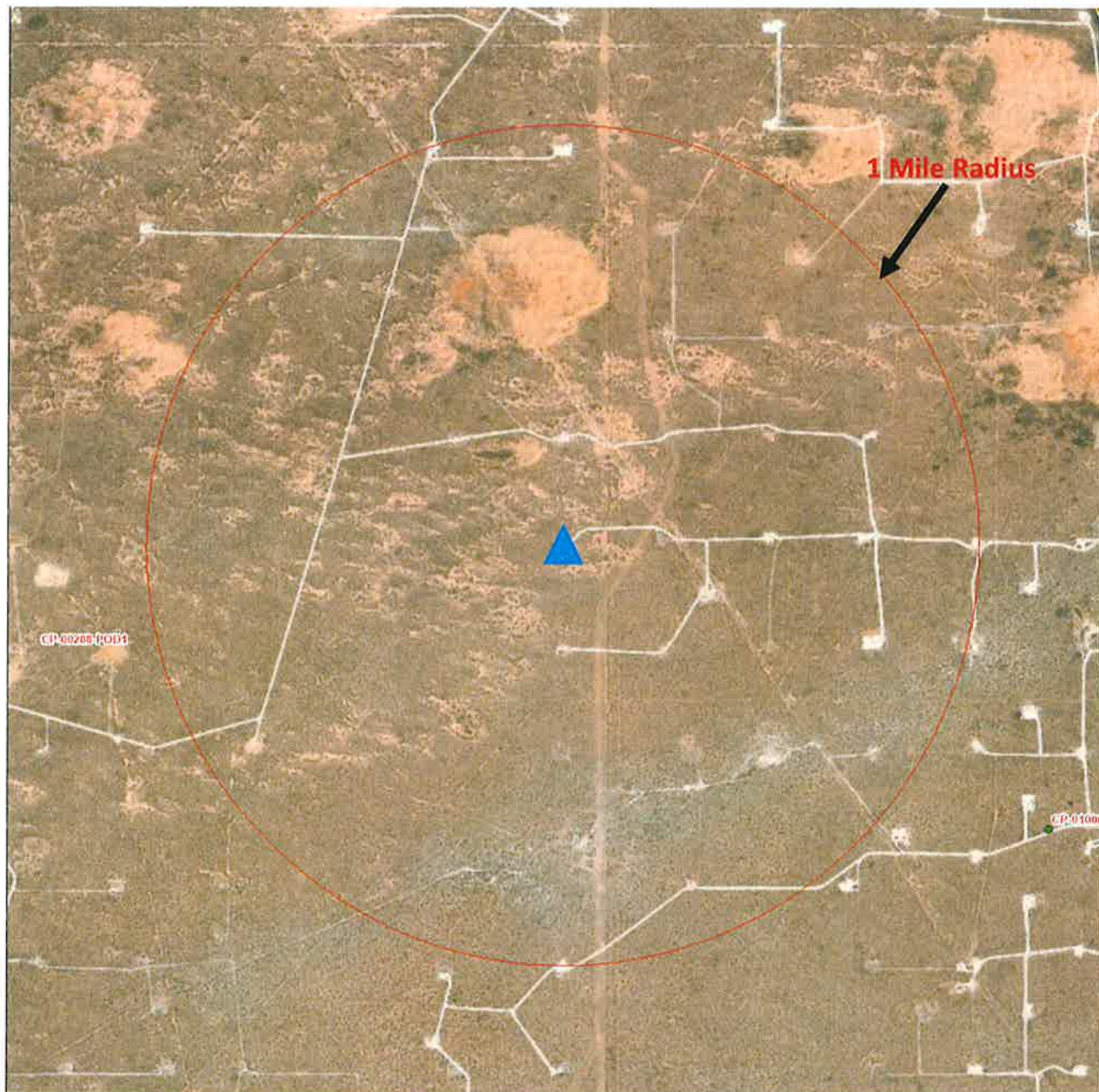
County: Lea

Location For Office of the State Engineer:

NAD 1983 UTM Zone 13

Easting (X): **672025.152** mtrs

Northing (Y): **3544857.482** mtrs



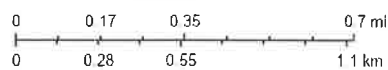
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GIS WATERS PODs

▲ C-108 Injector

- Active
- Pending
- ▭ SiteBoundaries

1 18,056



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

Well 1: MOBERLY RHODES WF PROJECT #6

XI. Exhibit D2a

Location: Twn 26S Rge 37E Sec 21

Footages: **1980 FSL 1980 FWL**

County: Lea

Location For Office of the State Engineer:

NAD 1983 UTM Zone 13

Easting (X): **672829.917** mtrs

Northing (Y): **3544871.046** mtrs

Water Wells Within 1 Mile Radius

**** 0 Active ****



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

UTM/NAD83 Radius Search (in meters):

Easting (X): 672829.917

Northing (Y): 3544871

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.

6/22/22 1:52 PM

**WATER COLUMN AVERAGE
DEPTH TO WATER**

Well 1: MOBERLY RHODES WF PROJECT #6

XI. Exhibit D2b

Location: Twn 26S Rge 37E Sec 21

Footages: **1980 FSL 1980 FWL**

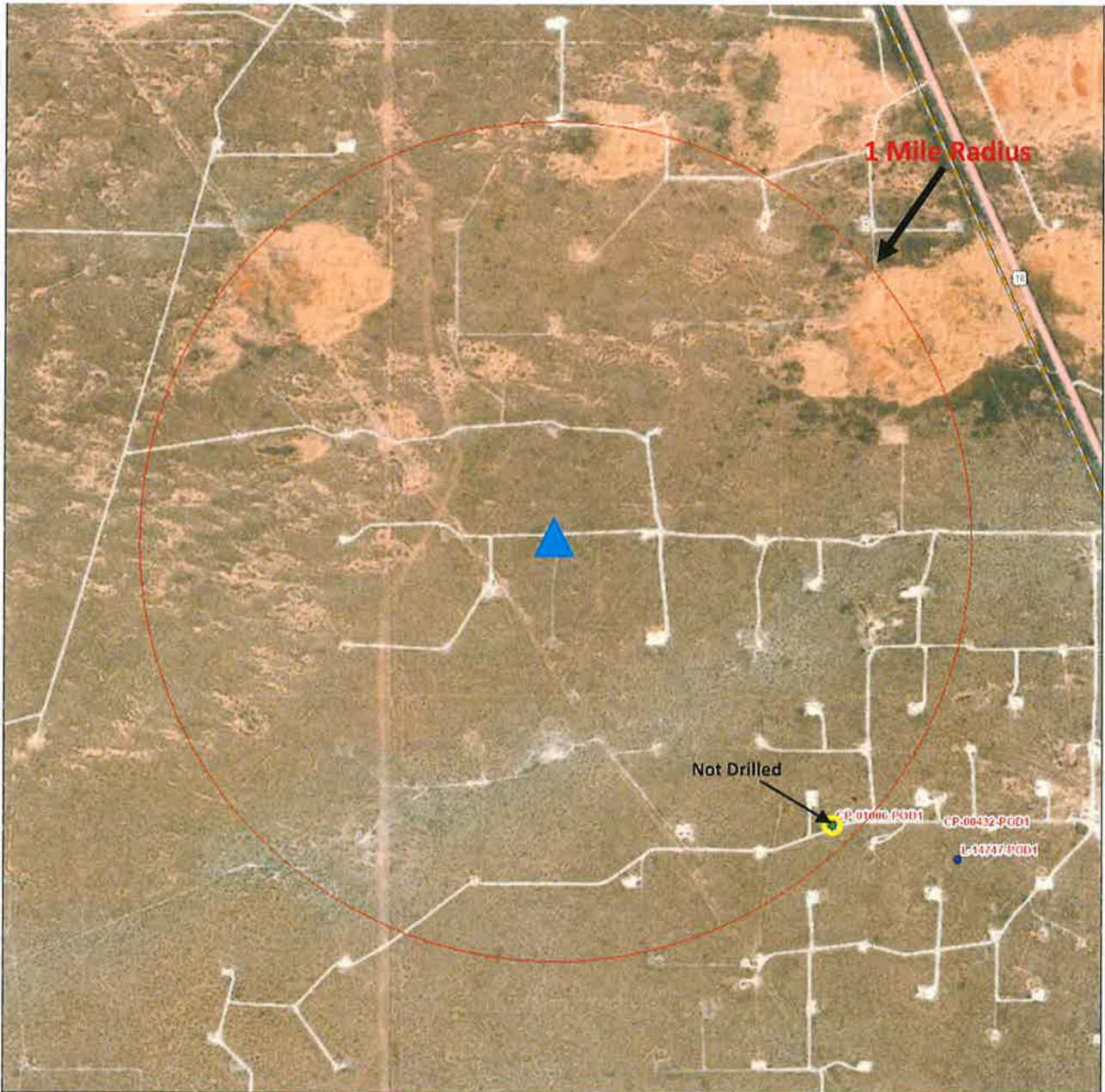
County: Lea

Location For Office of the State Engineer:

NAD 1983 UTM Zone 13

Easting (X): **672829.917** mtrs

Northing (Y): **3544871.046** mtrs



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GIS WATERS PODs

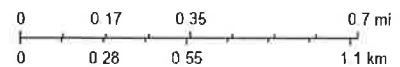
▲ C-108 Injector

● Active

● Pending

SiteBoundaries

1 18,056



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

Well 1: MOBERLY RHODES WF PROJECT #4

XI. Exhibit D3a

Location: Twn 26S Rge 37E Sec 20

Footages: 1990 FSL 2084 FEL

County: Lea

Location For Office of the State Engineer:

NAD 1983 UTM Zone 13

Easting (X): **673197.241** mtrs

Northing (Y): **3544881.712** mtrs

Water Wells Within 1 Mile Radius

**** 0 Active ****



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): 673197.241

Northing (Y): 3544881.712

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.

6/22/22 1:59 PM

**WATER COLUMN AVERAGE
DEPTH TO WATER**

Well 1: MOBERLY RHODES WF PROJECT #4

XI. Exhibit D3b

Location: Twn 26S Rge 37E Sec 20

Footages: **1990 FSL 2084 FEL**

County: Lea

Location For Office of the State Engineer:

NAD 1983 UTM Zone 13

Easting (X): **673197.241** mtrs

Northing (Y): **3544881.712** mtrs



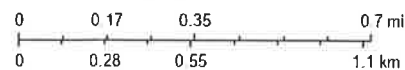
6/22/2022, 3:01:24 PM

GIS WATERS PODs

▲ C-108 Injector

- Active
- Pending
- SiteBoundaries

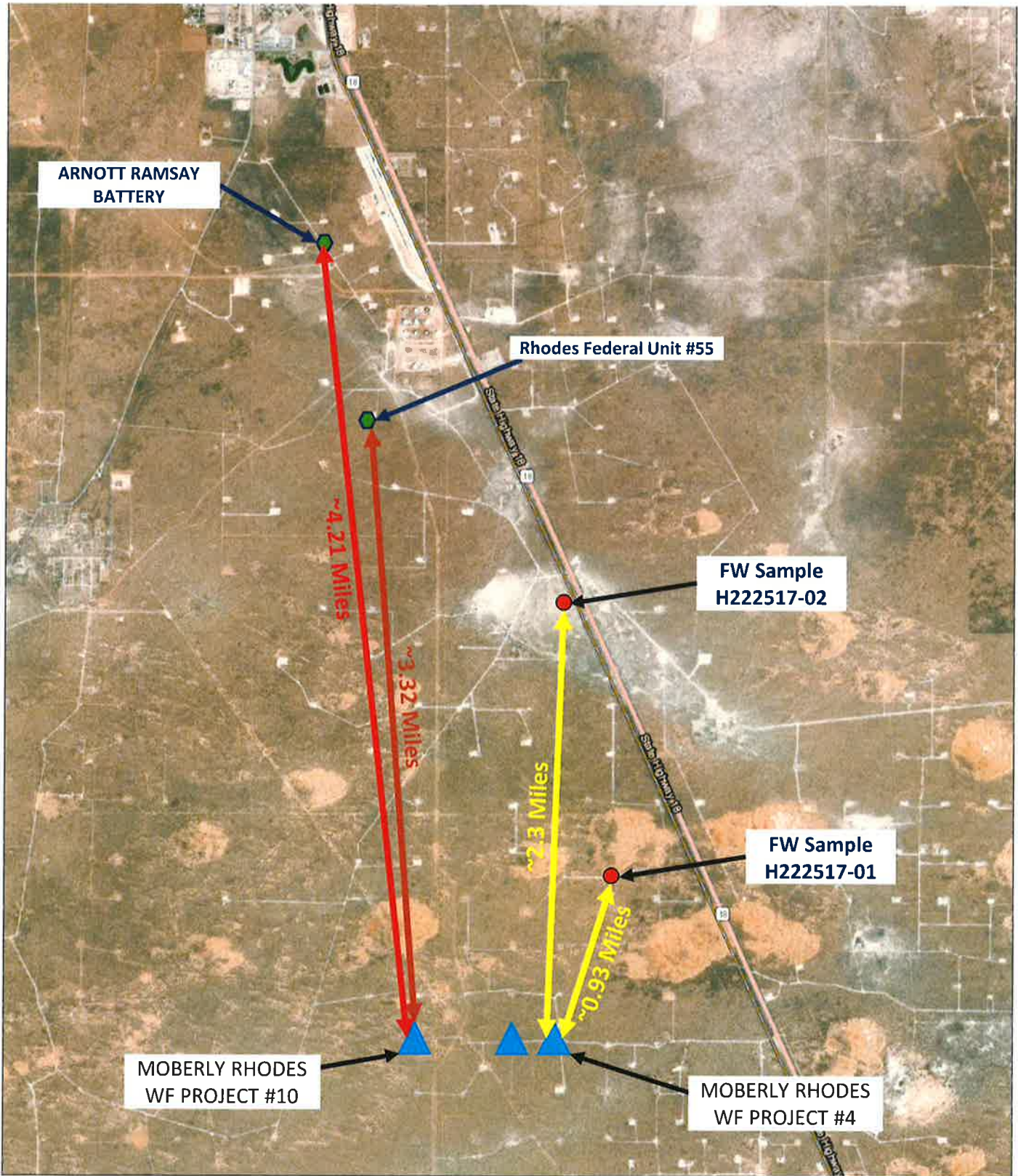
1:18,056



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

XI. Exhibit E1

Fresh Water & Injection Water Sample Locations

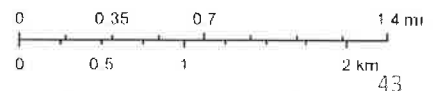


6/23/2022, 4:26:53 PM

SiteBoundaries

▲ C-108 Injector

1:36,112



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

XI. Exhibit E2



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

June 16, 2022

JAMES MARTINEZ

FORTY ACRES ENERGY

11777 KATY FREEWAY STE. 305 B

HOUSTON, TX 77079

RE: RHODES W/F PROJECT

Enclosed are the results of analyses for samples received by the laboratory on 05/13/22 14:10.

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	Halocetic 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 "Celest D. Keene".

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

Received:	06/13/2022	Sampling Date:	06/13/2022
Reported:	06/16/2022	Sampling Type:	Water
Project Name:	RHODES WF PROJECT	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NOT GIVEN		

Sample ID: RHODES FW 32.03946-103.16114-MM3 (H222517-01)

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	06/14/2022	ND	100	100	100	0.00		

Sample ID: RHODES FW - 32.05976-103.16562-MM5 (H222517-02)

Chloride, SM4500Cl-B		mg/L		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride*	108	4.00	06/14/2022	ND	100	100	100	0.00		

Sample ID: RHODES #55 PW (H222517-03)

Chloride, SM4500Cl-B		mg/L		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride*	9900	4.00	06/14/2022	ND	100	100	100	0.00		

Sample ID: ARNOTT RAMSEY BAT. PW (H222517-04)

Chloride, SM4500Cl-B		mg/L		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride*	22200	4.00	06/14/2022	ND	100	100	100	0.00		

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

XI. Exhibit E4



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

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

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 analysis. 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 relate 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 E5



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

BILL TO

ANALYSIS REQUEST

Company Name: Forty Acres Energy
Project Manager: J. Keene
Address: Houston
City: Houston
State: TX
Zip: 77001
Phone #: 806-420-8078
Fax #: 806-420-8078
Project #: 10316562
Project Name: Rhodes WLF Project
Project Location: Rhodes WLF Project
Sampler Name: [Blank]
FOR LAB USE ONLY

P.O. #: [Blank]
Company: [Blank]
Attn: [Blank]
Address: [Blank]
City: [Blank]
State: [Blank]
Zip: [Blank]
Phone #: [Blank]
Fax #: [Blank]

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX							DATE	TIME	SAMPLING
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER	ACID/BASE			
HA22517	1 Rhodes FW 320394L - 103 16114-MM3		X								6-13-21	11:30 AM	CL
	2 Rhodes FW 320397L - 103 16562-MM5		X								6-13-21	12:15 PM	
	3 Rhodes #55 PW		X								6-13-21	12:45 PM	
	4 Knott Reserve #1 PW		X								6-13-21	1:00 PM	

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 the client for the analysis. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the 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 services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated remedies or otherwise.

Relinquished By: [Signature]
Date: 6-13-21
Time: 1:40
Received By: [Signature]
Date: 6-13-21
Time: [Blank]

Delivered By: (Circle One)
 UPS Bus Other

Observed Temp. °C: 30.3
Corrected Temp. °C: 29.8
Sample Condition: Cool Intact
Checked By: [Signature]

Remarks: James @ Energy4US.com
 Turnaround Time: [Blank]
 Thermometer ID #113
 Correction Factor -0.5°C

Verbal Result: Yes No **Add'l Phone #:** [Blank]
All Results are emailed. Please provide Email address: [Blank]

† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com

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.

OFFSET OPERATORS

HPPC, INC:

306 W Wall 209
Midland, TX 79701

State Land Office:

310 Old Santa Fe Trail
Santa Fe, NM 87501

Bureau of Land Management State of New Mexico:

301 Dinosaur Trail
Santa Fe, NM 87508

SURFACE OWNERS

DK Boyd

3317 Andrews Hwy
Midland, TX 79703

FAE II Operating LLC

SU Moberly Pilot
2 Mile Radius Wells

2 Mile Radius

UWI/API	OPERATOR	WELL LABEL	TD	WELL TYPE	CURRENT ZONE	SPUD DATE	COMP DATE	TOWNSHIP	RANGE	SECTION	FOOTAGE
30025098510000	SOUTHWEST ROYALTIES INCORPORATED	MCCALLISTER A-24 3	3245	PLUGOIL	PLUGGED	7/27/1937	9/1/1936	265	36E	24	660 FEL 2310 FSL
30025098610000	CONTINENTAL OIL COMPANY	MCCALLISTER FEDERAL 4	3245	PLUGOIL	PLUGGED	2/23/1937	4/1/1937	265	36E	24	660 FEL 2310 FSL
30025119650000	FAE II Operating LLC	H G MOBERLY A FEDERAL #1	3400	OIL	[52250] RHODES;YATES-SEVEN RIVERS - [83810] RHODES;YATES-SEVEN RIVERS (GAS)	1/23/1934	8/31/1934	265	37E	8	1980 FEL 1980 FSL
30025119670000	CIMAREX ENERGY CO OF COLORADO	RHODES FEDERAL UNIT #91	3474	PLUGGAS	PLUGGED	9/15/1928	1/17/1929	265	37E	9	1650 FWL 1650 FSL
30025119680000	MIDWEST REFINING COMPANY	A FARNSWORTH PERMIT 19	3877	DHSO	PLUGGED	5/22/1930	9/30/1930	265	37E	14	330 FWL 990 FSL
30025119684000	CIMAREX ENERGY CO OF COLORADO	GREGORY-FEDERAL B 1	3134	PLUGGAS	PLUGGED	5/10/1939	6/12/1939	265	37E	15	660 FWL 1980 FNL
30025119687000	FAE II Operating LLC	RHODES FEDERAL UNIT 151	3164	GAS	[83810] RHODES;YATES-SEVEN RIVERS (GAS)	11/29/1935	1/9/1936	265	37E	15	660 FWL 1980 FSL
30025119880000	MERIDIAN OIL INCORPORATED	CAGLE-FEDERAL B 2	3216	PLUGGAS	PLUGGED	12/6/1937	1/27/1938	265	37E	15	660 FWL 660 FSL
30025119890000	CIMAREX ENERGY CO OF COLORADO	STATE Y COM #1	3140	PLUGGAS	PLUGGED	1/6/1940	2/3/1940	265	37E	16	1270 FEL 1980 FNL
30025119910000	FAE II Operating LLC	STATE A COM 1	3315	GAS	[83810] RHODES;YATES-SEVEN RIVERS (GAS)	10/1/1937	11/1/1937	265	37E	16	660 FEL 660 FSL
30025119920000	EL PASO NATURAL GAS COMPANY	MOBERLY-FEDERAL 1	3315	PLUGOIL	PLUGGED	3/15/1951	7/28/1951	265	37E	17	1980 FEL 1980 FNL
30025119930000	FAE II Operating LLC	ELLIOTT FEDERAL 3	3123	GAS	[83810] RHODES;YATES-SEVEN RIVERS (GAS)	4/14/1954	5/18/1954	265	37E	17	660 FEL 660 FSL
30025119940000	LANEKO INC	H G MOBERLY C FEDERAL 1	3542	OIL	[52250] RHODES;YATES-SEVEN RIVERS (GAS)	10/8/1928	3/11/1929	265	37E	17	2310 FEL 1650 FSL
30025119944000	FAE II Operating LLC	ELLIOTT FEDERAL 1	2960	GAS	[83810] RHODES;YATES-SEVEN RIVERS (GAS)	9/5/1953	10/12/1953	265	37E	17	1980 FWL 1980 FNL
30025119960000	TEXAS PACIFIC OIL COMPANY	RHODES FEDERAL UNIT 171	3390	GAS	[83810] RHODES;YATES-SEVEN RIVERS (GAS)	9/24/1943	10/23/1943	265	37E	17	1980 FEL 660 FNL
30025119970000	FAE II Operating LLC	FARNSWORTH 1	3298	PLUGGAS	PLUGGED	5/4/1950	8/29/1950	265	37E	17	2310 FEL 330 FNL
30025119970000	TEXAS PACIFIC OIL COMPANY	FARNSWORTH-FEDERAL 2	3120	PLUGGAS	PLUGGED	6/10/1950	8/29/1950	265	37E	18	2310 FEL 1980 FNL
30025119980000	SOUTHWEST ROYALTIES INCORPORATED	FARNSWORTH-FEDERAL 6	3010	PLUGOIL	PLUGGED	3/4/1941	3/29/1941	265	37E	18	990 FWL 1650 FSL
30025119990000	SOUTHWEST ROYALTIES INCORPORATED	FARNSWORTH A FEDERAL 7	3220	PLUGGAS	PLUGGED	5/22/1941	6/20/1941	265	37E	18	990 FWL 660 FSL
30025120010000	STANOLIND OIL	FARNSWORTH B 4	3245	DHSO&G	PLUGGED	11/29/1941	1/3/1942	265	37E	18	1980 FEL 1980 FSL
30025120020000	SOUTHWEST ROYALTIES INCORPORATED	FARNSWORTH A FEDERAL 5	3146	PLUGOIL	PLUGGED	8/13/1937	10/10/1937	265	37E	18	1980 FEL 1980 FNL
30025120040000	SOUTHWEST ROYALTIES INCORPORATED	EVANS A 7	3236	PLUGOIL	PLUGGED	9/18/1950	9/28/1950	265	37E	19	2310 FEL 1980 FSL
30025120050000	SOUTHWEST ROYALTIES INCORPORATED	EVANS A 6	3305	PLUGOIL	PLUGGED	2/21/1950	3/17/1950	265	37E	19	660 FWL 660 FNL
30025120060000	CONOCOPHILLIPS COMPANY	EVANS B 1 17	3126	PLUGOIL	PLUGGED	1/15/1941	2/5/1941	265	37E	19	2310 FEL 2310 FNL
30025120070000	SOUTHWEST ROYALTIES INCORPORATED	EVANS A 1	3000	PLUGGAS	PLUGGED	2/1/1928	1/17/1929	265	37E	19	660 FWL 660 FNL
30025120080000	SOUTHWEST ROYALTIES INCORPORATED	EVANS-FEDERAL A 2	3200	PLUGOIL	PLUGGED	5/23/1936	6/29/1936	265	37E	19	2310 FEL 330 FSL
30025120090000	SOUTHWEST ROYALTIES INCORPORATED	EVANS-FEDERAL A 3	3192	PLUGOIL	PLUGGED	1/31/1937	2/14/1937	265	37E	19	660 FWL 660 FSL
30025120100000	SOUTHWEST ROYALTIES INCORPORATED	EVANS A 4	3137	PLUGOIL	PLUGGED	7/24/1947	8/20/1947	265	37E	19	1650 FWL 1980 FNL
30025120110000	SOUTHWEST ROYALTIES INCORPORATED	EVANS A 5	3228	PLUGOIL	PLUGGED	2/11/1949	2/27/1949	265	37E	19	1980 FWL 1980 FSL
30025120120000	SOUTHWEST ROYALTIES INCORPORATED	EVANS A 8	3250	PLUGOIL	PLUGGED	2/1/1953	2/15/1953	265	37E	19	2310 FWL 990 FSL
30025120130000	SOUTHWEST ROYALTIES INCORPORATED	EVANS-FEDERAL A 9	3410	PLUGOIL	PLUGGED	9/14/1957	9/30/1957	265	37E	19	660 FWL 1980 FNL
30025120140000	SOUTHWEST ROYALTIES INCORPORATED	EVANS B 1 18	3222	PLUGOIL	PLUGGED	5/19/1941	6/12/1941	265	37E	19	1980 FWL 660 FNL
30025120150000	CONOCO INCORPORATED	ELLIOTT-FEDERAL 4	3745	DRY	PLUGGED	7/10/1954	8/4/1954	265	37E	20	1980 FWL 1980 FNL
30025120160000	EL PASO NATURAL GAS COMPANY	ELLIOTT-FEDERAL 4	3745	DRY	PLUGGED	10/18/1944	2/10/1945	265	37E	20	660 FEL 1980 FNL
30025120170000	FAE II Operating LLC	MOBERLY RHODES WF PROJECT 12	3297	GAS	[52250] RHODES;YATES-SEVEN RIVERS	5/23/1944	7/27/1944	265	37E	20	660 FEL 660 FSL
30025120180000	KRUPP-FLAHERTY	MOBERLY B 8	3414	DHSO	PLUGGED	3/4/1944	5/23/1944	265	37E	20	660 FEL 660 FNL
30025120190000	FAE II Operating LLC	MOBERLY RHODES WF PROJECT 10	3302	GAS	[52250] RHODES;YATES-SEVEN RIVERS	8/20/1944	11/10/1944	265	37E	20	660 FEL 660 FSL
30025120200000	FAE II Operating LLC	ELLIOTT FEDERAL 2	3300	OIL	[52250] RHODES;YATES-SEVEN RIVERS	12/21/1953	1/17/1954	265	37E	20	660 FEL 660 FNL
30025120210000	CIMAREX ENERGY CO OF COLORADO	MOBERLY RHODES WF PROJECT 11	3297	PLUGGAS	PLUGGED	11/20/1940	1/17/1941	265	37E	21	1980 FWL 1980 FNL
30025120220000	FAE II Operating LLC	MOBERLY RHODES WF PROJECT 5	3260	GAS	[52250] RHODES;YATES-SEVEN RIVERS	5/2/1941	6/19/1941	265	37E	21	660 FEL 660 FSL
30025120240000	FAE II Operating LLC	MOBERLY C 3	3363	PLUGOIL	PLUGGED	2/16/1942	7/10/1942	265	37E	21	660 FWL 1980 FNL
30025120250000	CIMAREX ENERGY CO OF COLORADO	MOBERLY RHODES WF PROJECT 7	3313	PLUGOIL	PLUGGED	6/13/1941	9/26/1941	265	37E	21	660 FWL 1980 FNL
30025120260000	CIMAREX ENERGY CO OF COLORADO	MOBERLY RHODES WF PROJECT 8	3314	PLUGOIL	PLUGGED	7/20/1941	8/27/1941	265	37E	21	660 FWL 660 FSL
30025120270000	CIMAREX ENERGY CO OF COLORADO	MOBERLY RHODES WF PROJECT 9	3314	PLUGOIL	PLUGGED	11/1/1941	12/6/1942	265	37E	21	660 FWL 660 FSL
30025120280000	EL PASO NATURAL GAS COMPANY	MOBERLY B 1	3254	PLUGOIL	PLUGGED	7/10/1940	12/6/1940	265	37E	21	1980 FEL 1980 FSL
30025120290000	CIMAREX ENERGY CO OF COLORADO	MOBERLY RHODES WF PROJECT 1	3300	PLUGOIL	PLUGGED	4/6/1941	7/10/1941	265	37E	21	1980 FWL 1980 FNL
30025120300000	CIMAREX ENERGY CO OF COLORADO	MOBIL STATE Q 2	3348	PLUGGAS	PLUGGED	12/3/1941	2/10/1942	265	37E	21	1980 FEL 660 FSL
30025120310000	CIMAREX ENERGY CO OF COLORADO	RHODES FEDERAL UNIT #211	3180	PLUGGAS	PLUGGED	2/3/1938	2/26/1938	265	37E	21	660 FEL 660 FNL
30025120320000	CIMAREX ENERGY CO OF COLORADO	RHODES FEDERAL UNIT #212	3415	PLUGGAS	PLUGGED	7/13/1941	10/9/1941	265	37E	21	1980 FEL 660 FNL

FAE II Operating LLC

SINU Moberly Pilot
2 Mile Radius Wells

30025120330000	HPPC, INC.	RHODES YATES UNIT 1	3253	INJECT	[52250] RHODES YATES SEVEN RIVERS	1/2/1941	4/16/1941	265	37E	21	660 FEL 1980 FSL
30025120340000	CIMAREX ENERGY CO OF COLORADO	RHODES FEDERAL UNIT #22	3280	PLUGGAS	PLUGGED	5/19/1937	6/21/1937	265	37E	22	1650 FEL 1650 FSL
30025120350000	SMITH & MARRS INCORPORATED	W H RHODES A FEDERAL #3	3300	PLUGGIN	PLUGGED	1/24/1944	2/26/1944	265	37E	22	660 FWL 660 FSL
30025120360000	BC OPERATING INCORPORATED	W H RHODES A FEDERAL #4	3250	PLUGGIN	PLUGGED	3/23/1944	4/29/1944	265	37E	22	1980 FWL 660 FSL
30025120370000	HPPC, INC.	W H RHODES A FEDERAL #5	3250	INJECT	[52250] RHODES YATES SEVEN RIVERS	6/17/1944	7/13/1944	265	37E	22	2085 FEL 555 FSL
30025120380000	HPPC, INC.	W H RHODES A FEDERAL #6	3287	INJECT	[52250] RHODES YATES SEVEN RIVERS	4/24/1945	5/22/1945	265	37E	22	660 FWL 1980 FSL
30025120390000	HPPC, INC.	W H RHODES B FEDERAL NCT-1 #7	3275	INJECT	[52250] RHODES YATES SEVEN RIVERS	8/18/1944	9/12/1944	265	37E	26	660 FWL 1980 FSL
30025120400000	HPPC, INC.	W H RHODES B FEDERAL NCT-1 #8	3325	INJECT	[52250] RHODES YATES SEVEN RIVERS	9/20/1944	10/15/1944	265	37E	26	660 FWL 1980 FSL
30025120410000	HPPC, INC.	RHODES YATES UNIT #9	3327	INJECT	[52250] RHODES YATES SEVEN RIVERS	5/27/1943	5/27/1943	265	37E	27	660 FWL 660 FSL
30025120420000	HPPC, INC.	RHODES YATES UNIT #10	3323	INJECT	[52250] RHODES YATES SEVEN RIVERS	3/4/1943	4/3/1943	265	37E	27	660 FEL 1980 FNL
30025120430000	HPPC, INC.	W H RHODES B FEDERAL NCT-1 #4	3270	INJECT	[52250] RHODES YATES SEVEN RIVERS	12/14/1943	1/16/1944	265	37E	27	660 FEL 1980 FNL
30025120440000	CHEVRON U S A INCORPORATED	W H RHODES B FEDERAL NCT-1 #2	3275	PLUGGIN	PLUGGED	8/23/1940	9/19/1940	265	37E	27	2310 FEL 2970 FNL
30025120450000	BC OPERATING INCORPORATED	RHODES YATES UNIT #12	3330	PLUGGIN	PLUGGED	10/7/1945	12/1/1945	265	37E	27	2310 FWL 990 FSL
30025120460000	HPPC, INC.	RHODES YATES UNIT #07	3279	INJECT	[52250] RHODES YATES SEVEN RIVERS	11/29/1940	12/22/1940	265	37E	27	2310 FWL 1650 FNL
30025120470000	HPPC, INC.	RHODES YATES UNIT #08	3320	INJECT	[52250] RHODES YATES SEVEN RIVERS	7/31/1943	9/20/1943	265	37E	27	765 FWL 1875 FNL
30025120480000	HPPC, INC.	RHODES YATES UNIT #6	3260	INJECT	[52250] RHODES YATES SEVEN RIVERS	2/15/1944	3/16/1944	265	37E	27	1980 FWL 660 FNL
30025120490000	HPPC, INC.	RHODES YATES UNIT #11	3327	INJECT	[52250] RHODES YATES SEVEN RIVERS	6/27/1940	8/1/1940	265	37E	27	2310 FWL 2310 FSL
30025120500000	HPPC, INC.	W H RHODES B FEDERAL NCT-1 #001	3280	INJECT	[52250] RHODES YATES SEVEN RIVERS	1/4/1940	2/14/1940	265	37E	27	1650 FEL 1650 FNL
30025120510000	HPPC, INC.	W H RHODES B FEDERAL NCT-1 #005	3265	INJECT	[52250] RHODES YATES SEVEN RIVERS	5/13/1944	6/9/1944	265	37E	27	1980 FEL 660 FNL
30025120520000	HPPC, INC.	W H RHODES B FEDERAL NCT-1 #006	3300	INJECT	[52250] RHODES YATES SEVEN RIVERS	7/21/1944	8/11/1944	265	37E	27	660 FEL 1980 FSL
30025120530000	HPPC INCORPORATED	W H RHODES B FEDERAL NCT-1 #009	3325	PLUGGIN	PLUGGED	5/26/1944	11/26/1944	265	37E	27	660 FEL 660 FSL
30025120540000	HPPC, INC.	W H RHODES B FEDERAL NCT-1 #013	3332	INJECT	[52250] RHODES YATES SEVEN RIVERS	10/29/1943	12/1/1943	265	37E	27	1650 FEL 990 FSL
30025120550000	HPPC, INC.	RHODES YATES UNIT #5	3340	INJECT	[52250] RHODES YATES SEVEN RIVERS	6/2/1945	7/25/1945	265	37E	27	660 FWL 660 FNL
30025120560000	ANDERSON-RIECHAR OIL CORP	STATE A 2	3350	DRY	PLUGGED	7/18/1943	8/23/1943	265	37E	28	1980 FEL 1980 FNL
30025120570000	FAE II Operating LLC	GREGORY B 1	3365	OIL	PLUGGED	11/23/1958	2/28/1959	265	37E	28	990 FWL 2310 FNL
30025120580000	HPPC, INC.	W H RHODES B FEDERAL NCT 2 #003	3330	INJECT	[52250] RHODES YATES SEVEN RIVERS	5/9/1943	6/26/1943	265	37E	28	660 FEL 660 FSL
30025120590000	BC OPERATING INCORPORATED	STATE AD 1	3310	INJECT	PLUGGED	11/27/1941	7/28/1942	265	37E	28	1980 FEL 660 FNL
30025120600000	CIMAREX ENERGY CO OF COLORADO	PARKER A	3248	PLUGGIN	PLUGGED	2/24/1935	4/26/1935	265	37E	29	660 FWL 660 FNL
30025120610000	SOUTHWEST ROYALTIES INCORPORATED	EAVER FEDERAL A 11	3232	PLUGGIN	PLUGGED	9/11/1936	10/15/1936	265	37E	30	660 FWL 660 FNL
30025120620000	SOUTHWEST ROYALTIES INCORPORATED	EAVER FEDERAL A 12	3220	PLUGGIN	PLUGGED	4/21/1937	6/3/1937	265	37E	30	1980 FWL 660 FNL
30025120630000	CONOCO INC	EAVER FEDERAL B-13	3250	PLUGGIN	PLUGGED	12/29/1961	1/20/1962	265	37E	30	1980 FWL 1980 FNL
30025120640000	SOUTHWEST ROYALTIES INCORPORATED	EAVER A 13	3243	PLUGGIN	PLUGGED	4/10/1951	4/20/1951	265	37E	30	1980 FEL 660 FNL
30025120650000	SOUTHWEST ROYALTIES INCORPORATED	EAVER FEDERAL A 14	3312	PLUGGIN	PLUGGED	9/19/1960	10/20/1960	265	37E	30	660 FWL 660 FNL
30025120660000	SOUTHWEST ROYALTIES INCORPORATED	EAVER B 1	3250	PLUGGIN	PLUGGED	11/8/1936	12/18/1936	265	37E	30	1980 FEL 1980 FNL
30025120670000	CONOCO INC	EAVER B 12	3285	PLUGGIN	PLUGGED	8/15/1947	9/27/1947	265	37E	30	1980 FEL 990 FSL
30025120680000	SOUTHWEST ROYALTIES INCORPORATED	EAVER B 4	3291	PLUGGIN	PLUGGED	7/18/1962	8/18/1962	265	37E	30	1650 FEL 660 FSL
30025120690000	MCCASLAND DALLAS	FEDERAL F 1	3308	PLUGGIN	PLUGGED	5/29/1959	7/15/1959	265	37E	29	1980 FEL 660 FSL
30025120700000	SOUTHWEST ROYALTIES INCORPORATED	EAVER B 5	3300	PLUGGIN	PLUGGED	8/22/1962	8/30/1962	265	37E	30	990 FEL 2310 FNL
30025120890000	RBD-SHELBY AGENCY	EAVER B 1	3447	PLUGGIN	PLUGGED	2/25/1943	3/28/1943	265	37E	31	1980 FEL 660 FNL
30025120900000	RBD-SHELBY AGENCY	EAVER B 2	3056	PLUGGIN	PLUGGED	3/13/1946	5/4/1946	265	37E	31	990 FEL 990 FSL
30025120910000	RBD-SHELBY AGENCY	EAVER B 4	3185	PLUGGIN	PLUGGED	5/8/1948	10/26/1948	265	37E	31	990 FEL 990 FNL
30025120920000	CITIES SERVICE COMPANY	EAVER B 2	3250	AD&GW	PLUGGED	7/30/1958	9/18/1958	265	37E	32	330 FWL 330 FSL
30025120930000	FAE II Operating LLC	STATE O 1	3283	PLUGGAS	PLUGGED	10/2/1946	1/20/1947	265	37E	32	330 FWL 330 FSL
30025120940000	SEA SAND OIL COMPANY	STATE O 3	3240	GLS	[55560] SCARBOROUGH YATES SEVEN RIVERS	11/18/1958	12/28/1958	265	37E	32	1980 FWL 1980 FNL
30025120950000	SEA SAND OIL COMPANY	PUBCO-STATE 1	3350	PLUGGIN	PLUGGED	12/12/1957	1/23/1958	265	37E	32	662 FEL 1865 FNL
30025120960000	LONGHORN SERVICE & DRILLING COMPANY	PUBCO-STATE 2	3350	PLUGGIN	PLUGGED	5/24/1958	6/21/1958	265	37E	32	661 FEL 660 FNL
30025120970000	SEA SAND OIL COMPANY	PUBCO-STATE 3	3350	PLUGGIN	PLUGGED	4/5/1958	5/26/1958	265	37E	32	1984 FEL 2081 FNL
30025120980000	SMITH & MARRS INCORPORATED	WILLS MARY E-FED 1	3441	PLUGGIN	PLUGGED	9/4/1958	10/7/1958	265	37E	33	660 FWL 660 FSL
30025120990000	SEA SAND OIL COMPANY	WILLS FEDERAL 2	3425	PLUGGIN	PLUGGED	10/4/1958	11/11/1958	265	37E	33	660 FWL 660 FSL
30025121000000	SEA SAND OIL COMPANY	WILLS FEDERAL 3	3330	PLUGGIN	PLUGGED	12/28/1958	1/9/1959	265	37E	33	660 FWL 660 FSL
30025121010000	SMITH & MARRS INCORPORATED	WILLS FEDERAL 4	3472	PLUGGIN	PLUGGED	3/22/1959	4/6/1959	265	37E	33	1980 FEL 1749 FNL
30025121020000	HODGE T F	MARY E WILLS-FED 5	3382	DH50	PLUGGED	4/5/1959	4/15/1959	265	37E	33	660 FEL 660 FSL
30025121030000	SMITH & MARRS INCORPORATED	WILLS FEDERAL 6	3299	PLUGGIN	PLUGGED	5/24/1959	6/15/1959	265	37E	33	2310 FEL 990 FNL

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30025121040000	SEA SAND OIL COMPANY	WILLS FEDERAL 7	3245	PLUGOIL	PLUGGED	7/11/1959	7/29/1959	265	37E	33	1980 FWL 660 FNL
30025121060000	HPPC, INC.	MARY E WILLS A FEDERAL #003	3337	OIL	[52250] RHODES:YATES-SEVEN RIVERS	3/24/1945	4/27/1945	265	37E	34	660 FEL 660 FNL
30025122420000	FAE II Operating LLC	RHODES FEDERAL UNIT #21	3213	GAS	[83810] RHODES:YATES-SEVEN RIVERS (GAS)	4/8/1927	11/12/1927	265	37E	22	2310 FWL 990 FNL
30025127480000	KOCH EXPLORATION COMPANY	WILLS MARY E A FE WI-10	3355	PLUGINU	PLUGGED	3/7/1960	4/8/1960	265	37E	35	20 FWL 20 FNL
30025200010000	SOUTHWEST ROYALTIES INCORPORATED	EAVES B 8	6000	PLUGOIL	PLUGGED	6/15/1963	7/24/1963	265	37E	30	330 FEL 660 FSL
30025200020000	SOUTHWEST ROYALTIES INCORPORATED	FARNSWORTH A FEDERAL 9	3263	PLUGOIL	PLUGGED	8/9/1963	8/28/1963	265	37E	18	1663 FWL 660 FSL
30025201060000	SOUTHWEST ROYALTIES INCORPORATED	EAVES B 7	3300	PLUGOIL	PLUGGED	2/29/1963	2/22/1963	265	37E	30	660 FEL 1980 FSL
30025201800000	SOUTHWEST ROYALTIES INCORPORATED	FARNSWORTH A FEDERAL 10	3274	PLUGOIL	PLUGGED	9/14/1963	9/30/1963	265	37E	18	1663 FWL 1650 FSL
30025206230000	CITIES SERVICE OIL COMPANY	GOVERNMENT H 1	3400	DRY	PLUGGED	6/11/1964	6/30/1964	265	37E	29	330 FWL 2310 FSL
30025216570000	HANSON OIL COMPANY	CSA FEDERAL 1	3400	DRY	PLUGGED	7/15/1965	8/1/1965	265	37E	29	660 FWL 660 FSL
30025216570000	HANSON OIL COMPANY	EAVES B 11	3242	PLUGOIL	PLUGGED	1/4/1966	1/24/1966	265	37E	30	1980 FWL 660 FSL
30025217270000	HANSON ERNEST A	STATE O 1	3250	DRY	PLUGGED	11/8/1965	3/15/1966	265	37E	32	330 FWL 560 FNL
30025218740000	WOLFSON OIL COMPANY	CASH-FEDERAL 1	3175	PLUGOIL	PLUGGED	9/29/1966	10/31/1966	265	37E	29	330 FWL 2310 FNL
30025219520000	BETTS BOYE & STOVALL	LEONARD-FEDERAL 8	3100	PLUGOIL	PLUGGED	10/17/1966	1/9/1967	265	37E	14	660 FWL 660 FSL
30025230190000	HPPC, INC.	W H RHODES B FEDERAL NCT-1 #14	3295	PLUGOIL	[52250] RHODES:YATES-SEVEN RIVERS	12/23/1966	2/1/1967	265	37E	26	864 FWL 1980 FNL
30025230190000	PPC OPERATING COMPANY LLC	W H RHODES B FEDERAL NCT-1 #015	3300	PLUGINU	PLUGGED	1/9/1967	3/1/1967	265	37E	27	660 FEL 660 FSL
30025234170000	CONOCO INC	EAVES B 13	3270	PLUGOIL	PLUGGED	3/3/1969	3/26/1969	265	37E	30	1980 FWL 1980 FSL
30025234170000	SOUTHWEST ROYALTIES INCORPORATED	MCCALISTER A 5	3288	PLUGOIL	PLUGGED	6/18/1969	7/1/1969	265	38E	25	330 FEL 660 FNL
30025234560000	FAE II Operating LLC	EAVES B 1 15	3322	OIL	PLUGGED	1/12/1970	1/25/1970	265	37E	30	660 FWL 1980 FNL
30025238280000	SOUTHWEST ROYALTIES INCORPORATED	MOBERLY RHODES WF PROJECT 4	3322	OIL	[52250] RHODES:YATES-SEVEN RIVERS	3/25/1970	6/1/1970	265	37E	21	2084 FEL 1990 FSL
30025239120000	SOUTHWEST ROYALTIES INCORPORATED	MCCALISTER JAY 7	3236	PLUGOIL	PLUGGED	12/2/1970	12/16/1970	265	38E	24	330 FEL 2310 FNL
30025244270000	FAE II Operating LLC	EAVES A 15	3307	PLUGOIL	PLUGGED	11/13/1971	12/17/1971	265	37E	19	2540 FEL 660 FSL
300252444280000	FAE II Operating LLC	RHODES STATE COM 3	3175	GAS	[83810] RHODES:YATES-SEVEN RIVERS (GAS)	8/21/1973	10/9/1973	265	37E	16	660 FEL 660 FNL
300252444280000	FAE II Operating LLC	RHODES STATE COM 4	3143	GAS	[83810] RHODES:YATES-SEVEN RIVERS (GAS)	8/8/1973	10/9/1973	265	37E	16	1980 FEL 1980 FSL
30025245490000	FAE II Operating LLC	RHODES FEDERAL UNIT 93	3049	GAS	[83810] RHODES:YATES-SEVEN RIVERS (GAS)	7/7/1973	9/13/1973	265	37E	9	1980 FEL 1980 FSL
30025245490000	FAE II Operating LLC	RHODES STATE COM 18	3230	GAS	[83810] RHODES:YATES-SEVEN RIVERS (GAS)	9/17/1973	10/25/1973	265	37E	16	860 FWL 660 FNL
30025245490000	FAE II Operating LLC	RHODES STATE COM 19	3240	GAS	[83810] RHODES:YATES-SEVEN RIVERS (GAS)	9/9/1973	10/9/1973	265	37E	16	1980 FWL 2080 FNL
30025245490000	FAE II Operating LLC	RHODES STATE COM 20	3279	GAS	[83810] RHODES:YATES-SEVEN RIVERS (GAS)	8/30/1973	10/10/1973	265	37E	16	1980 FWL 1980 FSL
30025245490000	CINAREX ENERGY CO OF COLORADO	RHODES STATE COM 21	3300	PLUGGAS	PLUGGED	9/5/1973	10/12/1973	265	37E	16	660 FWL 660 FSL
30025245490000	FAE II Operating LLC	RHODES FEDERAL UNIT #83	3290	GAS	[83810] RHODES:YATES-SEVEN RIVERS (GAS)	9/17/1973	10/16/1973	265	37E	8	660 FEL 660 FSL
3002524549300000	BURLINGTON RESOURCES	RHODES GSU #12	3160	PLUGGAS	PLUGGED	10/16/1973	12/14/1973	265	37E	9	660 FEL 660 FSL
3002524549300000	FAE II Operating LLC	RHODES FEDERAL UNIT 97	3230	GAS	[83810] RHODES:YATES-SEVEN RIVERS (GAS)	9/26/1973	11/6/1973	265	37E	9	660 FWL 660 FSL
3002524549300000	FAE II Operating LLC	RHODES FEDERAL UNIT 157	3270	GAS	[83810] RHODES:YATES-SEVEN RIVERS (GAS)	10/25/1973	12/14/1973	265	37E	15	1780 FWL 660 FSL
3002524549300000	FAE II Operating LLC	RHODES FEDERAL UNIT 154	3170	GAS	[83810] RHODES:YATES-SEVEN RIVERS (GAS)	11/3/1973	12/14/1973	265	37E	15	760 FWL 660 FNL
3002524549300000	FAE II Operating LLC	RHODES FEDERAL UNIT 155	3190	GAS	[83810] RHODES:YATES-SEVEN RIVERS (GAS)	10/31/1973	12/14/1973	265	37E	15	1830 FWL 660 FNL
3002524549300000	FAE II Operating LLC	RHODES FEDERAL UNIT 156	3200	GAS	[83810] RHODES:YATES-SEVEN RIVERS (GAS)	11/8/1973	12/14/1973	265	37E	15	1980 FEL 1980 FSL
3002524549300000	FAE II Operating LLC	RHODES FEDERAL UNIT 158	3130	GAS	[83810] RHODES:YATES-SEVEN RIVERS (GAS)	10/27/1973	12/14/1973	265	37E	10	660 FWL 660 FSL
3002524549300000	FAE II Operating LLC	RHODES FEDERAL UNIT 158	3240	GAS	[83810] RHODES:YATES-SEVEN RIVERS (GAS)	8/11/1973	12/14/1973	265	37E	15	2180 FEL 660 FSL
3002524549300000	HPPC, INC.	RHODES YATES UNIT #002	3350	INJECT	[52250] RHODES:YATES-SEVEN RIVERS	12/22/1973	1/12/1974	265	37E	21	660 FEL 660 FSL
30025249830000	BC OPERATING INCORPORATED	W H RHODES B FEDERAL NCT-1 #018	3350	PLUGINU	PLUGGED	1/5/1974	2/10/1974	265	37E	27	1820 FEL 2180 FSL
30025250770000	FAE II Operating LLC	LINDBERY 1	3340	PLUGOIL	PLUGGED	3/7/1975	4/29/1975	265	37E	28	1980 FWL 500 FNL
30025251660000	BURLESON LEWIS B INCORPORATED	DALE FEDERAL 1	3350	PLUGGAS	[55560] SCARBOROUGH:YATES-SEVEN RIVERS	8/22/1975	9/16/1975	265	37E	29	660 FEL 1980 FSL
30025251700000	HPPC, INC.	RHODES YATES UNIT #004	3350	INJECT	PLUGGED	11/12/1975	1/30/1976	265	37E	29	660 FEL 660 FNL
3002525492900000	HPPC, INC.	W H RHODES B FEDERAL NCT-1 #16	3330	INJECT	[52250] RHODES:YATES-SEVEN RIVERS	1/23/1976	2/16/1976	265	37E	28	660 FEL 560 FNL
3002525492900000	HPPC, INC.	W H RHODES B FEDERAL NCT-1 #17	3250	INJECT	[52250] RHODES:YATES-SEVEN RIVERS	6/4/1977	6/28/1977	265	37E	26	1980 FWL 1980 FNL
30025256330000	MERIDIAN OIL INCORPORATED	STATE URP 1	3371	PLUGOIL	PLUGGED	6/10/1977	6/28/1977	265	37E	26	660 FWL 660 FNL
30025256330000	FAE II Operating LLC	STATE O 4	3280	OIL	[55560] SCARBOROUGH:YATES-SEVEN RIVERS	4/4/1977	4/28/1977	265	37E	28	1650 FEL 1650 FNL
30025256680000	HPPC, INC.	W H RHODES B FEDERAL NCT 2 4	3460	INJECT	[55560] SCARBOROUGH:YATES-SEVEN RIVERS	10/29/1977	9/18/1977	265	37E	32	2310 FEL 990 FNL
30025256920000	BC OPERATING INCORPORATED	W H RHODES B FEDERAL NCT 2 5	3450	PLUGINU	[52250] RHODES:YATES-SEVEN RIVERS	1/19/1978	11/9/1977	265	37E	32	1980 FWL 660 FNL
30025256930000	HPPC, INC.	RHODES YATES UNIT 13	3450	INJECT	PLUGGED	1/26/1978	2/24/1978	265	37E	28	660 FEL 660 FSL
30025257470000	FAE II Operating LLC	STATE O 6	3115	OIL	[52250] RHODES:YATES-SEVEN RIVERS	1/29/1978	2/14/1978	265	37E	27	1980 FEL 1980 FSL
					[55560] SCARBOROUGH:YATES-SEVEN RIVERS	2/17/1978	3/5/1978	265	37E	32	990 FWL 330 FNL

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30025258330000	PATTERSON OPERATING & PUMP/ING INC	GLENN RYAN #25	3671	PLUGOIL	PLUGGED		2/22/1978	3/22/1978	265	37E	14	1980 FWL 660 FSL
30025258340000	FAE II Operating LLC	FEDERAL F 3	3140	OIL	[55560] SCARBOROUGH;YATES-SEVEN RIVERS		2/23/1978	4/3/1978	265	37E	29	2310 FEL 990 FSL
30025258550000	PATTERSON OPERATING & PUMP/ING INC	GLENN RYAN #17	3702	PLUGGAS	PLUGGED		4/17/1978	5/11/1978	265	37E	14	660 FWL 1980 FSL
30025258610000	PATTERSON OPERATING & PUMP/ING INC	GLENN RYAN #10	3705	PLUGOIL	PLUGGED		6/1/1978	6/17/1978	265	37E	14	660 FWL 1980 FSL
30025260610000	FAE II Operating LLC	FEDERAL F 4	3160	OIL	[55560] SCARBOROUGH;YATES-SEVEN RIVERS		8/26/1978	9/21/1978	265	37E	29	2122 FEL 1838 FSL
30025260830000	FAE II Operating LLC	FEDERAL F 5	3233	OIL	[55560] SCARBOROUGH;YATES-SEVEN RIVERS		11/8/1978	3/26/1979	265	37E	29	660 FEL 660 FSL
30025261030000	PROVIDENCE ENERGY SERVICES INC.-KELTON OP C	SOUTH LINEBERRY #1	3150	GAS	[52250] RHODES;YATES-SEVEN RIVERS		5/17/1979	5/17/1979	265	37E	23	1980 FEL 660 FSL
30025270980000	FAE II Operating LLC	STATE URP 2	3400	OIL	[52250] RHODES;YATES-SEVEN RIVERS		10/21/1980	11/6/1980	265	37E	28	2310 FEL 2310 FNL
30025278380000	FAE II Operating LLC	FARNSWORTH FEDERAL 1	3400	OIL	[55560] SCARBOROUGH;YATES-SEVEN RIVERS		6/31/1982	7/13/1982	265	37E	18	660 FEL 660 FSL
30025279980000	BRININSTOOL W H	SHEARN STATE 1	3350	PLUGOIL	PLUGGED		10/31/1982	2/28/1983	265	37E	32	1980 FEL 544 FSL
30025284980000	CIMAREX ENERGY CO OF COLORADO	WILLS FEDERAL 8	3340	OIL	[55560] SCARBOROUGH;YATES-SEVEN RIVERS		8/28/1983	10/26/1983	265	37E	33	3300 FEL 544 FSL
30025284990000	SMITH & MARRS INCORPORATED	ELIOTT FEDERAL 5	3350	PLUGOIL	PLUGGED		11/30/1983	1/13/1984	265	37E	21	1980 FWL 660 FNL
30025289110000	BC OPERATING INCORPORATED	MR WILLS FEDERAL 1	3500	PLUGOIL	PLUGGED		12/17/1983	3/12/1984	265	37E	34	330 FWL 330 FNL
30025290330000	CIMAREX ENERGY CO OF COLORADO	W H RHODES B FEDERAL NCT 7 6	3450	PLUGOIL	PLUGGED		9/17/1984	11/7/1984	265	37E	28	1880 FEL 660 FSL
30025304230000	CONOCO INCORPORATED	GREGORY B 2	3630	PLUGGAS	PLUGGED		12/5/1984	1/21/1985	265	37E	28	990 FWL 660 FNL
30025313580000	FAE II Operating LLC	EAVES A 16	3500	DRY	PLUGGED		8/29/1988	1/27/1989	265	37E	19	2460 FWL 1550 FNL
30025317130000	HPPC, INC.	RHODES FEDERAL UNIT 85	3160	GAS	[83810] RHODES;YATES-SEVEN RIVERS (GAS)		8/28/1991	10/18/1991	265	37E	8	1780 FWL 660 FSL
30025317230000	HPPC, INC.	RHODES YATES UNIT 14	3400	OIL	[52250] RHODES;YATES-SEVEN RIVERS		10/27/1992	11/25/1992	265	37E	27	1521 FWL 2445 FNL
30025317570000	HPPC, INC.	RHODES YATES UNIT 16	3400	OIL	[52250] RHODES;YATES-SEVEN RIVERS		10/20/1992	11/12/1992	265	37E	27	1357 FWL 1295 FNL
30025317650000	HPPC, INC.	RHODES YATES UNIT #15	3440	OIL	[52250] RHODES;YATES-SEVEN RIVERS		11/3/1992	12/17/1992	265	37E	27	1453 FWL 1516 FSL
30025317970000	HPPC, INC.	W H RHODES B FEDERAL NCT-1 #020	3400	OIL	[52250] RHODES;YATES-SEVEN RIVERS		11/10/1992	12/22/1992	265	37E	27	10 FEL 1420 FSL
30025317970000	CIMAREX ENERGY CO OF COLORADO	RHODES FEDERAL UNIT #153	3100	PLUGGAS	[52250] RHODES;YATES-SEVEN RIVERS		5/24/1993	12/12/1992	265	37E	27	1093 FEL 1543 FSL
30025320220000	HPPC, INC.	RHODES YATES UNIT #17	3450	OIL	[52250] RHODES;YATES-SEVEN RIVERS		9/30/1993	6/16/1993	265	37E	15	660 FEL 990 FNL
30025320940000	HPPC, INC.	RHODES YATES COOP FED COM 3 #1	3500	OIL	[52250] RHODES;YATES-SEVEN RIVERS		12/31/1993	10/21/1993	265	37E	27	46 FWL 1302 FNL
30025320950000	HPPC, INC.	RHODES NCT COOP FEDERAL COM 1 #1	3400	OIL	[52250] RHODES;YATES-SEVEN RIVERS		12/14/1993	2/14/1994	265	37E	27	50 FWL 1360 FSL
30025320960000	HPPC, INC.	RHODES NCT COOP FEDERAL COM 1 #2	3400	OIL	[52250] RHODES;YATES-SEVEN RIVERS		12/8/1993	1/8/1994	265	37E	27	2375 FEL 1572 FSL
30025320970000	HPPC, INC.	W H RHODES B FEDERAL NCT-1 #23	3375	OIL	[52250] RHODES;YATES-SEVEN RIVERS		9/19/1993	1/15/1994	265	37E	27	2310 FEL 2310 FNL
30025320980000	HPPC, INC.	W H RHODES B FEDERAL NCT-1 #24	3325	OIL	[52250] RHODES;YATES-SEVEN RIVERS		9/25/1993	10/10/1993	265	37E	26	55 FWL 2583 FNL
30025320990000	HPPC, INC.	W H RHODES B FEDERAL NCT-1 #25	3350	OIL	[52250] RHODES;YATES-SEVEN RIVERS		10/6/1993	1/27/1994	265	37E	27	1155 FEL 1156 FNL
30025321000000	HPPC, INC.	W H RHODES B FEDERAL NCT-1 #28	3325	OIL	[52250] RHODES;YATES-SEVEN RIVERS		10/11/1993	11/20/1993	265	37E	26	1418 FWL 2589 FSL
30025321010000	HPPC, INC.	W H RHODES B FEDERAL NCT-1 #030	3400	OIL	[52250] RHODES;YATES-SEVEN RIVERS		2/16/1994	5/16/1994	265	37E	26	1070 FWL 1377 FSL
30025321020000	HPPC, INC.	W H RHODES A FEDERAL #007	3400	OIL	[52250] RHODES;YATES-SEVEN RIVERS		4/27/1994	4/27/1994	265	37E	22	1200 FWL 1330 FSL
30025321090000	HPPC, INC.	W H RHODES B FEDERAL NCT-1 #29	3400	OIL	[52250] RHODES;YATES-SEVEN RIVERS		2/21/1994	4/11/1994	265	37E	27	1246 FEL 2528 FNL
30025321260000	HPPC, INC.	RHODES NCT COOP FEDERAL COM 1 #3	3400	OIL	[52250] RHODES;YATES-SEVEN RIVERS		12/20/1993	1/19/1994	265	37E	27	2376 FEL 1155 FNL
30025321880000	FAE II Operating LLC	RHODES FEDERAL UNIT 223	3234	GAS	[52250] RHODES;YATES-SEVEN RIVERS ; [83810] RHODES;YATES-SEVEN RIVERS (GAS)		8/19/1993	9/18/1993	265	37E	22	660 FEL 990 FNL
30025322740000	SOUTHWEST ROYALTIES INCORPORATED	EAVES B 20	3380	PLUGOIL	PLUGGED		10/9/1993	11/9/1993	265	37E	30	429 FEL 1414 FSL
30025323570000	HPPC, INC.	RHODES YATES COOP FED COM 2 #1	3475	OIL	[52250] RHODES;YATES-SEVEN RIVERS		12/26/1993	1/30/1994	265	37E	27	44 FWL 2551 FNL
30025323720000	HPPC, INC.	RHODES YATES COOP FED COM 6 #1	3400	OIL	[52250] RHODES;YATES-SEVEN RIVERS		9/3/1994	4/27/1994	265	37E	27	2588 FWL 130 FNL
30025323780000	HPPC, INC.	RHODES YATES COOP FED COM 5 #1	3425	OIL	[52250] RHODES;YATES-SEVEN RIVERS		3/12/1994	4/12/1994	265	37E	27	10 FWL 130 FNL
30025323790000	HPPC, INC.	RHODES YATES COOP FED COM 4 #2	3425	OIL	[52250] RHODES;YATES-SEVEN RIVERS		3/7/1994	4/29/1994	265	37E	27	1310 FWL 130 FNL
30025324590000	BC OPERATING INCORPORATED	W H RHODES B FEDERAL NCT 2 7	3500	PLUGOIL	PLUGGED		3/22/1994	5/13/1994	265	37E	28	1310 FWL 130 FSL
30025324660000	HPPC, INC.	RHODES YATES COOP FED COM 4 #1	3400	OIL	[52250] RHODES;YATES-SEVEN RIVERS		3/17/1994	4/29/1994	265	37E	21	10 FEL 1430 FSL
30025324960000	PERMIAN OIL INC	MODERLY RHODES W/ PROJECT 2	3850	GAS	[52250] RHODES;YATES-SEVEN RIVERS		4/3/1994	9/26/1995	265	37E	23	1980 FWL 660 FSL
30025324970000	CIMAREX ENERGY CO OF COLORADO	LEONARD BROTHERS A 2	3428	GAS	[83810] RHODES;YATES-SEVEN RIVERS (GAS)		1/19/1995	2/11/1995	265	37E	21	660 FWL 660 FSL
30025325190000	CIMAREX ENERGY CO OF COLORADO	RHODES FEDERAL UNIT #24	3250	PLUGGAS	PLUGGED		5/18/1995	6/8/1995	265	37E	22	660 FEL 1650 FSL
30025325190000	FAE II Operating LLC	RHODES FEDERAL UNIT #62	3132	PLUGGAS	PLUGGED		10/13/1995	11/30/1995	265	37E	26	699 FWL 1564 FSL
30025325190000	HPPC, INC.	RHODES FEDERAL UNIT #63	3900	OIL	[52250] RHODES;YATES-SEVEN RIVERS		10/7/1995	11/3/1995	265	37E	36	1980 FWL 2310 FSL
300253252030000	MERIDIAN OIL INCORPORATED	MR WILLS FEDERAL #2	3070	PLUGGAS	PLUGGED		10/31/1995	11/20/1995	265	37E	34	2310 FEL 330 FNL
300253252050000	CIMAREX ENERGY CO OF COLORADO	RHODES FEDERAL UNIT #25	3190	PLUGGAS	PLUGGED		1/7/1996	4/23/1996	265	37E	22	940 FWL 2180 FSL
300253252060000	FAE II Operating LLC	RHODES FEDERAL UNIT 272	3150	GAS	[52250] RHODES;YATES-SEVEN RIVERS		1/24/1996	3/1/1996	265	37E	26	955 FWL 950 FSL
							1/27/1996	3/1/1996	265	37E	27	1650 FEL 750 FNL

FAE II Operating LLC

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30025332480000	CIMAREX ENERGY CO OF COLORADO	RHODES FEDERAL UNIT #271	3133	PLUGGAS	PLUGGED	1/18/1996	2/28/1996	265	37E	27	553 FEL 2418 FSL
30025332490000	FAE II Operating LLC	RHODES FEDERAL UNIT #266	3100	GAS	[52250] RHODES-YATES-SEVEN RIVERS	1/11/1996	2/1/1996	265	37E	26	1470 FWL 330 FNL
30025333030000	HPPC, INC.	MR WILLIS FEDERAL #3	3850	OIL	[52250] RHODES-YATES-SEVEN RIVERS	2/28/1996	3/30/1996	265	37E	34	2970 FEL 330 FNL
30025336130000	HPPC, INC.	WILLIS FEDERAL 4	3475	OIL	[52250] RHODES-YATES-SEVEN RIVERS	10/16/1996	11/5/1996	265	37E	34	1650 FEL 1650 FNL
30025338980000	HPPC, INC.	MARY E WILLIS A FEDERAL #017	3520	OIL	[52250] RHODES-YATES-SEVEN RIVERS	4/12/1997	6/28/1997	265	37E	34	990 FEL 1090 FNL
30025341680000	CIMAREX ENERGY CO OF COLORADO	RHODES 23 FEDERAL COM #1	3280	PLUGGAS	PLUGGED	8/10/1997	9/4/1997	265	37E	23	1100 FWL 660 FSL
30025342180000	HPPC, INC.	MARY E WILLIS A FEDERAL #018	3495	OIL	[52250] RHODES-YATES-SEVEN RIVERS	12/4/1997	1/18/1998	265	37E	34	990 FEL 330 FNL
30025344040000	FAE II Operating LLC	C T BATES 4	3635	GAS	[37240] LANGLIE MATTIX-7 RIVERS-Q-GRAVBURG ; [83810] RHODES-YATES-SEVEN RIVERS (GAS)	8/28/1998	10/26/1998	265	37E	10	2145 FWL 660 FSL
30025344080000	CIMAREX ENERGY CO OF COLORADO	RHODES STATE 6	3850	PLUGGAS	PLUGGED	7/2/1998	11/8/1998	265	37E	16	2310 FWL 390 FSL
30025344170000	FAE II Operating LLC	RHODES STATE COM 5	3400	GAS	[83810] RHODES-YATES-SEVEN RIVERS (GAS)	6/21/1998	8/24/1998	265	37E	16	2310 FWL 330 FNL
30025344520000	FAE II Operating LLC	ELLIOTT FEDERAL 6	4025	GAS	[83810] RHODES-YATES-SEVEN RIVERS (GAS)	7/13/1998	10/28/1998	265	37E	17	660 FEL 1650 FSL
30025373730000	CIMAREX ENERGY CO OF COLORADO	RHODES FEDERAL UNIT 227	3643	PLUGGAS	PLUGGED	12/31/2005	2/28/2006	265	37E	22	990 FWL 1980 FNL
30025373740000	GRUY PETROLEUM MANAGEMENT COMPANY	RHODES FEDERAL UNIT 159	532	JNK	PLUGGED	12/3/2005	12/12/2005	265	37E	15	460 FEL 2110 FNL
30025374140000	FAE II Operating LLC	RHODES FEDERAL UNIT 226	3600	OIL	[83810] RHODES-YATES-SEVEN RIVERS (GAS)	12/18/2005	1/30/2006	265	37E	22	1550 FEL 1980 FNL
30025375990000	FAE II Operating LLC	RHODES FEDERAL UNIT 159Y	3475	GAS	[83810] RHODES-YATES-SEVEN RIVERS (GAS)	12/11/2005	1/28/2006	265	37E	15	510 FEL 2110 FNL

FAE II Operating LLC

SIU Moberly Pilot
1/2 Mile Radius Wells

1/2 Mile Radius

UWI/API	OPERATOR	WELL LABEL	ID	WELL TYPE	CURRENT ZONE	Distance from MOBERLY RHODES WF PROJECT 10 (feet)	SPUD DATE	COMP DATE	TOWNSHIP	RANGE	SECTION	FOOTAGE
30025120190000	FAE II Operating LLC	MOBERLY RHODES WF PROJECT 10	3302	GAS	[52250] RHODES;YATES-SEVEN RIVERS	0	3/4/1944	5/23/1944	265	37E	20	660 FWL 1980 FSL
30025120250000	CIMAREX ENERGY CO OF COLORADO	MOBERLY RHODES WF PROJECT 7	3313	PLUGGOL	PLUGGED	1320.39	9/26/1941		265	37E	21	660 FWL 1980 FSL
30025120200000	FAE II Operating LLC	MOBERLY RHODES WF PROJECT 11	3300	OIL	[52250] RHODES;YATES-SEVEN RIVERS	1320.63	8/20/1944	11/10/1944	265	37E	20	660 FWL 660 FSL
30025120170000	FAE II Operating LLC	MOBERLY RHODES WF PROJECT 12	3297	GAS	[52250] RHODES;YATES-SEVEN RIVERS	1331.55	10/18/1944	2/10/1945	265	37E	20	660 FWL 1980 FSL
30025120270000	CIMAREX ENERGY CO OF COLORADO	MOBERLY RHODES WF PROJECT 9	3310	PLUGGINJ	PLUGGED	1867.5	11/1/1941	2/24/1942	265	37E	21	660 FWL 660 FSL
30025120160000	EL PASO NATURAL GAS COMPANY	ELLIOTT-FEDERAL 4	3745	DRY	PLUGGED	1875.61	7/10/1954	8/4/1954	265	37E	20	1980 FWL 1980 FSL
30025120240000	CIMAREX ENERGY CO OF COLORADO	MOBERLY C 3	3363	PLUGGINJ	PLUGGED	1877.39	2/16/1942	7/10/1942	265	37E	21	660 FWL 1980 FSL
30025251660000	BURLESON LEWIS B INCORPORATED	DALE FEDERAL 1	3350	PLUGGAS	PLUGGED	2637.63	11/12/1975	1/30/1976	265	37E	29	660 FWL 660 FSL

1/2 Mile Radius

UWI/API	OPERATOR	WELL LABEL	ID	WELL TYPE	CURRENT ZONE	Distance from MOBERLY RHODES WF PROJECT 6 (feet)	SPUD DATE	COMP DATE	TOWNSHIP	RANGE	SECTION	FOOTAGE
30025120230000	FAE II Operating LLC	MOBERLY RHODES WF PROJECT 6	3298	TA	[52250] RHODES;YATES-SEVEN RIVERS	0	3/2/1941	6/19/1941	265	37E	21	1980 FWL 1980 FSL
30025234560000	FAE II Operating LLC	MOBERLY RHODES WF PROJECT 4	3322	OIL	[52250] RHODES;YATES-SEVEN RIVERS	1205.8	3/25/1970	6/1/1970	265	37E	21	2084 FWL 1990 FSL
30025120280000	EL PASO NATURAL GAS COMPANY	MOBERLY B 1	3254	PLUGGOL	PLUGGED	1311.1	7/10/1940	12/6/1940	265	37E	21	1980 FWL 1980 FSL
30025120260000	CIMAREX ENERGY CO OF COLORADO	MOBERLY RHODES WF PROJECT 8	3314	PLUGGOL	PLUGGED	1317	7/20/1941	8/27/1941	265	37E	21	1980 FWL 660 FSL
30025120250000	CIMAREX ENERGY CO OF COLORADO	MOBERLY RHODES WF PROJECT 7	3313	PLUGGOL	PLUGGED	1320.39	6/19/1941	9/26/1941	265	37E	21	660 FWL 660 FSL
30025120290000	CIMAREX ENERGY CO OF COLORADO	MOBERLY RHODES WF PROJECT 1	3300	PLUGGOL	PLUGGED	1338.83	4/6/1941	7/10/1941	265	37E	21	1980 FWL 1980 FSL
30025235060000	FAE II Operating LLC	MOBERLY RHODES WF PROJECT 2	3850	GAS	[52250] RHODES;YATES-SEVEN RIVERS	1792.36	4/3/1994	9/26/1995	265	37E	21	1980 FWL 760 FSL
30025120300000	EL PASO NATURAL GAS COMPANY	MOBLI-STATE Q 2	3310	PLUGGINJ	PLUGGED	1860.55	2/10/1942	2/10/1942	265	37E	21	1980 FWL 660 FSL
30025120270000	CIMAREX ENERGY CO OF COLORADO	MOBERLY RHODES WF PROJECT 9	3348	PLUGGINJ	PLUGGED	1867.51	11/1/1941	2/24/1942	265	37E	21	660 FWL 660 FSL
30025120240000	CIMAREX ENERGY CO OF COLORADO	MOBERLY C 3	3363	PLUGGINJ	PLUGGED	1873.02	2/16/1942	7/10/1942	265	37E	21	660 FWL 1980 FSL
30025120220000	FAE II Operating LLC	MOBERLY WF PROJECT 5	3260	GAS	[52250] RHODES;YATES-SEVEN RIVERS	1874.75	11/30/1940	5/2/1941	265	37E	21	1980 FWL 1980 FSL
30025249850000	MACX ENERGY CORPORATION	LINEBERY 1	3396	PLUGGOL	PLUGGED	2477.56	3/7/1975	4/29/1975	265	37E	28	1980 FWL 500 FSL
30025120330000	HPPC, INC.	RHODES YATES UNIT 1	3253	INJECT	[52250] RHODES;YATES-SEVEN RIVERS	2628.39	1/2/1941	4/16/1941	265	37E	21	660 FWL 1980 FSL

1/2 Mile Radius

UWI/API	OPERATOR	WELL LABEL	ID	WELL TYPE	CURRENT ZONE	Distance from MOBERLY RHODES WF PROJECT 4 (feet)	SPUD DATE	COMP DATE	TOWNSHIP	RANGE	SECTION	FOOTAGE
30025234560000	FAE II Operating LLC	MOBERLY RHODES WF PROJECT 4	3322	OIL	[52250] RHODES;YATES-SEVEN RIVERS	0	3/25/1970	6/1/1970	265	37E	21	2084 FWL 1990 FSL
30025120280000	EL PASO NATURAL GAS COMPANY	MOBERLY B 1	3254	PLUGGOL	PLUGGED	105.95	7/10/1940	12/6/1940	265	37E	21	1980 FWL 1980 FSL
30025120230000	FAE II Operating LLC	MOBERLY RHODES WF PROJECT 6	3298	TA	[52250] RHODES;YATES-SEVEN RIVERS	1205.8	3/2/1941	6/19/1941	265	37E	21	1980 FWL 1980 FSL
30025335060000	FAE II Operating LLC	MOBERLY RHODES WF PROJECT 2	3850	GAS	[52250] RHODES;YATES-SEVEN RIVERS	1238.09	4/3/1941	9/26/1995	265	37E	21	1980 FWL 760 FSL
30025120220000	FAE II Operating LLC	MOBERLY RHODES WF PROJECT 5	3260	GAS	[52250] RHODES;YATES-SEVEN RIVERS	1335.24	11/30/1940	5/2/1941	265	37E	21	1980 FWL 1980 FSL
30025120300000	EL PASO NATURAL GAS COMPANY	MOBLI-STATE Q 2	3348	PLUGGAS	PLUGGED	1335.96	2/10/1942	2/10/1942	265	37E	21	1980 FWL 660 FSL
30025120330000	HPPC, INC.	RHODES YATES UNIT 1	3253	INJECT	[52250] RHODES;YATES-SEVEN RIVERS	1422.22	1/2/1941	4/16/1941	265	37E	21	660 FWL 660 FSL
30025120260000	CIMAREX ENERGY CO OF COLORADO	MOBERLY RHODES WF PROJECT 1	3300	PLUGGOL	PLUGGED	1788.83	4/6/1941	7/10/1941	265	37E	21	1980 FWL 1980 FSL
30025120260000	CIMAREX ENERGY CO OF COLORADO	MOBERLY RHODES WF PROJECT 8	3314	PLUGGOL	PLUGGED	1796.34	7/10/1941	8/27/1941	265	37E	21	1980 FWL 660 FSL
30025245750000	HPPC, INC.	RHODES YATES UNIT #002	3350	INJECT	PLUGGED	1953.15	12/22/1973	1/12/1974	265	37E	21	660 FWL 660 FSL
30025246000000	HPPC, INC.	RHODES YATES COOP FED COM 4 #1	3400	OIL	[52250] RHODES;YATES-SEVEN RIVERS	2150.94	3/17/1994	4/29/1994	265	37E	21	10 FEL 1490 FSL
30025120250000	CIMAREX ENERGY CO OF COLORADO	MOBERLY RHODES WF PROJECT 7	3313	PLUGGOL	PLUGGED	2526.14	6/13/1941	9/26/1941	265	37E	21	660 FWL 1980 FSL

FAE II Operating LLC

SJU Moberly Pilot
1/2 Mile Radius Wells

UWI/API	OPERATOR	WELL LABEL	TD	WELL TYPE	CURRENT ZONE	SPUD DATE	COMP DATE	TOWNSHIP	RANGE	SECTION	FOOTAGE
30025120160000	EL PASO NATURAL GAS COMPANY	ELLIOTT-FEDERAL 4	3745	DRY	PLUGGED	7/10/1954	8/4/1954	265	37E	20	1980 FEL 1980 FNL
30025120180000	KRUPP-FLAHERTY	MOBERLY B 8	3414	DHSG	PLUGGED	5/23/1944	7/27/1944	265	37E	20	660 FEL 660 FNL
30025120240000	CIMAREX ENERGY CO OF COLORADO	MOBERLY C 3	3363	PLUGOIL	PLUGGED	2/16/1942	7/10/1942	265	37E	21	660 FWL 1980 FNL
30025120250000	CIMAREX ENERGY CO OF COLORADO	MOBERLY RHODES WF PROJECT 7	3313	PLUGOIL	PLUGGED	6/13/1941	9/26/1941	265	37E	21	660 FWL 1980 FSL
30025120260000	CIMAREX ENERGY CO OF COLORADO	MOBERLY RHODES WF PROJECT 8	3314	PLUGOIL	PLUGGED	7/20/1941	8/27/1941	265	37E	21	1980 FWL 660 FSL
30025120270000	CIMAREX ENERGY CO OF COLORADO	MOBERLY RHODES WF PROJECT 9	3310	PLUGOIL	PLUGGED	11/1/1941	2/24/1942	265	37E	21	660 FWL 660 FSL
30025120280000	EL PASO NATURAL GAS COMPANY	MOBERLY B 1	3254	PLUGOIL	PLUGGED	7/10/1940	12/6/1940	265	37E	21	1980 FEL 1980 FSL
30025120290000	CIMAREX ENERGY CO OF COLORADO	MOBERLY RHODES WF PROJECT 1	3300	PLUGOIL	PLUGGED	4/6/1941	7/10/1941	265	37E	21	1980 FWL 1980 FNL
30025120300000	EL PASO NATURAL GAS COMPANY	MOBIL-STATE Q 2	3348	PLUGGAS	PLUGGED	12/3/1941	2/10/1942	265	37E	21	1980 FEL 660 FSL
30025120320000	CIMAREX ENERGY CO OF COLORADO	RHODES FEDERAL UNIT #212	3415	PLUGGAS	PLUGGED	7/13/1941	10/9/1941	265	37E	21	1980 FEL 660 FNL
30025120760000	BC OPERATING INCORPORATED	STATE AD 1	3310	PLUGOIL	PLUGGED	11/27/1941	7/28/1942	265	37E	28	1980 FEL 660 FNL
30025249850000	MACK ENERGY CORPORATION	LINEBERRY 1	3396	PLUGOIL	PLUGGED	3/7/1975	4/29/1975	265	37E	28	1980 FWL 500 FNL
30025251660000	BURLESON LEWIS B INCORPORATED	DALE FEDERAL 1	3350	PLUGGAS	PLUGGED	11/12/1975	1/30/1976	265	37E	29	660 FEL 660 FNL
30025284960000	CIMAREX ENERGY CO OF COLORADO	ELLIOTT FEDERAL 5	3350	PLUGOIL	PLUGGED	11/30/1983	1/13/1984	265	37E	21	1980 FWL 660 FNL

Plugged Wells

Exhibit A-1

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

APPLICATION OF FAE II OPERATING, LLC
FOR STATUTORY UNITIZATION,
LEA COUNTY, NEW MEXICO.

CASE NO. _____

APPLICATION (Refiled)

FAE II Operating, LLC (“FAE” or “Applicant”) submits its Application for Statutory Unitization pursuant to the Statutory Unitization Act, NMSA 1978, Sections 70-7-1 to - 21 (the “Act”) and the rules of the Oil Conservation Division.

1. Applicant (OGRID No. 329326) is engaged in the business of producing and selling oil and gas as defined in the Act.
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 South Jal Unit (the “Unit Area”), which comprises approximately 19,369.77 acres of the following federal, state, and fee lands located in Lea County, New Mexico:

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

- Section 13: SE
- Section 24: E2
- Section 25: All
- Section 26: E2E2
- Section 36: N2, SE

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

- Section 15: W2W2
- Section 16: All
- Section 18: Lot 4
- Section 19: Lot 1, Lot 2, Lot 3, Lot 4, E2SW
- Section 21: All
- Section 22: W2NW, S2
- Section 23: SW
- Section 26: W2, SWSE

- Section 27: All
- Section 28: All
- Section 30: Lot 1, Lot 2, Lot 3, Lot 4, E2W2, W2E2
- Section 31: All
- Section 32: All
- Section 33: All
- Section 34: All
- Section 35: NW, W2NE, S2

Township 26 South, Range 37 East, N.M.P.M.

- Section 3: All
- Section 4: All
- Section 5: All
- Section 6: All
- Section 7: All
- Section 8: All
- Section 9: All
- Section 10: All
- Section 15: All
- Section 16: All
- Section 17: All
- Section 18: Lot 1, NENW, E2
- Section 19: NE
- Section 20: All
- Section 21: W2, NE, W2SE
- Section 22: N2
- Section 23: SWNW
- Section 29: All
- Section 32: N2N2, Lot 1, Lot 2, Lot 3, Lot 4

4. The "Unitized Formation" is defined as:

that interval underlying the Unit Area, the vertical limits of which extend from an upper limit described as the top of the Yates Formation to a lower limit at the base of the Queen Formation; the geologic markers having been previously found to occur at 2,635 feet and 3,563 feet, respectively, in Western Natural Gas Company's Dabbs #001 (re-entered and renamed to Dabbs #004 in January, 1997) well (located at 1650 feet FNL and 660 feet FWL of Section 34, T-25-S, R-37-E, Lea County, New Mexico) as recorded on the Schlumberger Electrical Log taken on August 14, 1957, said log being measured from a Kelly Bushing elevation of 3,025 feet above sea level.

5. The Yates-Seven Rivers-Queen reservoir underlying the Unit Area has been reasonably defined by development.

6. Applicant proposes to institute an enhanced oil recovery project (secondary and tertiary recovery) in the Unit Area.

7. The plan of unitization for the Unit Area is embodied in the Unit Agreement, which is attached as Exhibit 1. The plan of unitization is fair, reasonable, and equitable, and the participation formula contained therein allocates the produced and saved hydrocarbons to the separately owned tracts in the Unit Area on a fair, reasonable, and equitable basis.

8. The operating plan for the Unit Area, establishing the manner in which the Unit Area will be supervised and managed, and costs allocated and paid, is contained in the Unit Operating Agreement, attached as Exhibit 2.

9. Applicant also requests that the Rhodes Unit, which appears to have been approved by Division Order No. 772, be terminated pursuant to the Bureau of Land Management's agreement to dissolve the Rhodes Unit and incorporate the area into the South Jal Unit.

10. The unitized management, operation, and further development of the Yates-Seven Rivers-Queen reservoir underlying the Unit Area is reasonably necessary to effectively conduct secondary and tertiary recovery operations and to substantially increase the ultimate recovery of oil and gas from the reservoir.

11. The enhanced oil recovery project, as applied to the Yates-Seven Rivers-Queen reservoir underlying the Unit Area, is feasible, will prevent waste, will protect correlative rights, and will result, with reasonable probability, in the increased recovery of substantially more oil and gas from the Yates-Seven Rivers-Queen reservoir than would otherwise be recovered.

12. The estimated additional costs of conducting unitized operations will not exceed the estimated value of the additional oil and gas recovered thereby, plus a reasonable profit.

13. Unitization and approval of the enhanced oil recovery project will benefit the working interest owners and royalty owners in the Yates-Seven Rivers-Queen reservoir underlying the Unit Area.

14. Applicant has made a good faith effort to secure the voluntary unitization of interest owners in the Unit Area.

15. The Bureau of Land Management has issued preliminary approval of the unit agreement, and the New Mexico State Land Office is expected to issue preliminary approval of the unit agreement prior to the hearing.

16. Applicant requests that it be named operator of the Unit Area.

17. Approval of this application will prevent waste and protect correlative rights.

WHEREFORE, applicant requests that this application be set for hearing on October 5, 2023, after notice and hearing, the Division enter its order approving statutory unitization of the Unit Area and designating FAE as operator of the Unit Area.

Respectfully submitted,

PADILLA LAW FIRM, P.A.

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

**APPLICATION OF FAE II OPERATING, LLC
TO CONVERT PRODUCTIN WELLS AND/OR
DRILL NEW INJECTION WELLS FOR
WATERFLOOD OPERATIONS,
LEA COUNTY, NEW MEXICO**

CASE NO. 23711

**APPLICATION OF FAE II OPERATING LLC
FOR STATUTORY UNITIZATION,
LEA COUNTY, NEW MEXICO.**

CASE NO. 23712

**AFFIDAVIT OF JOSEPH KENT REGARDING
NOTICE TO UNIT INTEREST OWNERS
IN SUPPORT OF CASE NOS. 23711 AND 23712**

I JOSEPH KENT as Landman for FAE II Operating, LLC (“FAE”), hereby swear as follows:

1. FAE’s proposed unitization was proposed to each of the working interest owners in the proposed Unit and FAE made a good faith effort to secure the voluntary unitization of interest owners in the Unit Area. FAE identified 348 interest owners in the Unit; and has secured the voluntary agreement of 78.10% or 36 interest owners.

2. FAE sent letters by certified mail providing each of the interest owners within the Unitized Formation, with notice of the Application for Statutory Unitization, in this case and the Division hearing on October 5, 2023. A copy of an example notice letter is attached hereto as FAE Exhibit A-8 of the Case No. 23712 and Exhibit A-3 of Case No. 23711.

3. Also included in FAE Exhibit A-8 of the Case No. 23712 and Exhibit A-3 of Case No. 23711 is certified mail tracking information from USPS showing the tracking status for each of the hearing notice letters.

4. In addition to the notice letters, FAE undertook additional good faith efforts to locate and contact each of the uncommitted working interest owners in the Unit. First, FAE started with the last known address of record corresponding to the interest owned with the Unit. From there, FAE also conducted a diligent search of public records in Lea County, including phone directories and computer databases to locate each of the parties owning an interest within the proposed Unit. FAE also has a contracted brokerage company to conduct research to identify and locate mineral owners within the Unit.

5. Notice was also sent by email to those parties for which an email address was located.

6. FAE has maintained detailed records of follow-up emails and phone calls to every working interest owner.

7. Notice was also provided by mail to the Bureau of Land Management and the New Mexico State Land Office.

8. Next, notice was provided by the Oil Conservation Division in compliance with Division Rules.

9. Finally, FAE Exhibit A-9 of the Case No. 23712 and Exhibit A-4 of Case No. 23711 is an Affidavit of Publication reflecting that FAE caused notice of the October 5, 2023 hearing on this application to be published at least ten (10) days, to each of the owners in the Unitized Formation, in advance of hearing in the newspaper of general circulation in Lea County.

10. FAE Exhibit A-1 through A-10 of the Case No. 23712 and Exhibit A-1 through A-4 of Case No. 23711 were either prepared by me or compiled under my direction and supervision.

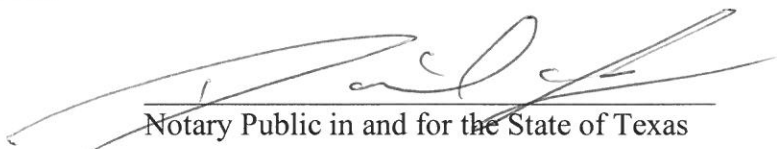
FURTHER AFFIANT SAYETH NOT.

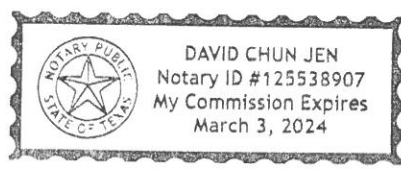

JOSEPH KENT

STATE OF TEXAS)
)ss
COUNTY OF HARRIS)

SUBSCRIBED AND SWORN TO BEFORE ME, the undersigned authority on this 27th
day of September, 2023, by David Chu Jen.

My Commission Expires:
03/03/2024


Notary Public in and for the State of Texas



PADILLA LAW FIRM, P.A.

Exhibit A-3

STREET ADDRESS
1512 S. ST. FRANCIS DRIVE
SANTA FE, NM 87505

TELEPHONE
505-988-7577

MAILING ADDRESS
P.O. BOX 2523
SANTA FE, NEW MEXICO 87504-2523

FACSIMILE
505-988-7592

EMAIL ADDRESS
padillalawnm@outlook.com

July __, 2023

CERTIFIED MAIL/RETURN RECEIPT REQUESTED

TO: ALL INTEREST OWNERS

Re: NMOCD Case Number#23711 In the Matter of the Application of FAE II Operating, LLC, for Enhanced Oil Recovery Project and to qualify the project for the recovered oil tax rate in Lea County, New Mexico.

NMOCD Case Number#23712 In the Matter of the Application of FAE II Operating, LLC, for Statutory Unitization in Lea County, New Mexico.

Ladies and Gentlemen:

This letter is to advise you that the enclosed applications were with the New Mexico Oil Conservation Division. The hearing will be conducted on Thursday, October 5, 2023, beginning at 8:15 a.m.

This hearing will be conducted remotely. To participate in the electronic hearing, see the instructions posted on the OCD Hearings website:

<https://www.emnrd.state.nm.gov/OCD/hearing-info>. You are not required to attend this hearing, but as an owner of an interest or offset operator that may be affected, you may appear and present testimony. Failure to appear at the time and become a party of record will preclude you from challenging these applications at a later time. If you intend to attend the hearing and present testimony or evidence, you must enter your appearance and serve the Division, counsel for the Applicant, and other parties with a pre-hearing statement at least four business days before the scheduled hearing date in accordance with Division Rule 19.15.4.13.B. This statement must be filed at the Division's Santa Fe office or submitted through the OCD E-Permitting system <https://wwwapps.emnrd.state.nm.gov/ocd/ocdpermitting>.

Very truly yours,

/s/ Ernest L. Padilla
ERNEST L. PADILLA

ELP:jbg

cc: FAE II Operating, LLC

**C-108 Injection Mailing
South Jal Unit
Certified Mail Receipts
Mailed July 13, 2023**

7022 3330 0000 5910 9334

CERTIFIED MAIL® RECEIPT

Domestic Mail Only

For delivery information, visit our website at www.usps.com®.

OFFICIAL USE

Certified Mail Fee

\$

Extra Services & Fees (check box, add fee as appropriate)

- Return Receipt (hardcopy) \$
- Return Receipt (electronic) \$
- Certified Mail Restricted Delivery \$
- Adult Signature Required \$
- Adult Signature Restricted Delivery \$

Postage

\$

Total

\$

Sent To

Street

City, St

BETTIS BOYLE & STOVALL INC.
P.O. BOX 1240
GRAHAM, TX 76450



PS Form 3800, April 2015 PSN 7530-02-000-9047

See Reverse for Instructions

7022 3330 0000 5910 9358

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- Adult Signature Required \$
- Adult Signature Restricted Delivery \$

Postage

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Total

\$

Sent To

Street

City, St

BUREAU OF LAND MANAGEMENT STATE
OF NEW MEXICO
301 DINOSAUR TRAIL
SANTA FE, NM 87508



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7022 3330 0000 5910 9327

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- Return Receipt (hardcopy) \$
- Return Receipt (electronic) \$
- Certified Mail Restricted Delivery \$
- Adult Signature Required \$
- Adult Signature Restricted Delivery \$

Postage

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Total

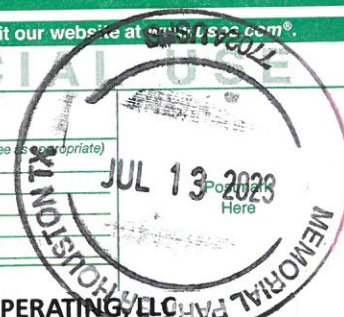
\$

Sent To

Street

City, St

BXP OPERATING, LLC
11757 KATY FREEWAY, STE 475
HOUSTON, TX 77079



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7022 3330 0000 5910 9365

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- Return Receipt (hardcopy) \$
- Return Receipt (electronic) \$
- Certified Mail Restricted Delivery \$
- Adult Signature Required \$
- Adult Signature Restricted Delivery \$

Postage

\$

Total

\$

Sent To

Street

City, St

CHISOS LTD
1900 DALROCK RD
ROWLETT, TX 75088



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7022 3330 0000 5910 9440

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- Return Receipt (electronic) \$
- Certified Mail Restricted Delivery \$
- Adult Signature Required \$
- Adult Signature Restricted Delivery \$

Postage

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Total

\$

Sent To

Street

City, St

DEEP WELLS RANCH
327 DEEP WELLS RD
JAL, NM 88252



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- Return Receipt (hardcopy) \$
- Return Receipt (electronic) \$
- Certified Mail Restricted Delivery \$
- Adult Signature Required \$
- Adult Signature Restricted Delivery \$

Postage

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Total

\$

Sent To

Street

City, St

DK BOYD
3317 ANDREWS HWY
MIDLAND, TX 79703



PS Form 3800, April 2015 PSN 7530-02-000-9047

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- Return Receipt (hardcopy) \$
- Return Receipt (electronic) \$
- Certified Mail Restricted Delivery \$
- Adult Signature Required \$
- Adult Signature Restricted Delivery \$

Postage

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Total

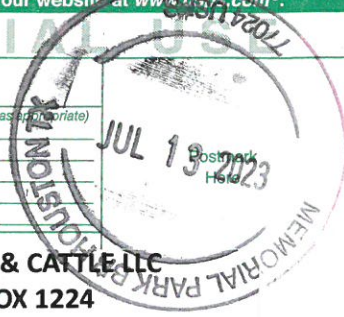
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Sent

Street

City

FULFER OIL & CATTLE LLC
P.O. BOX 1224
JAL, NM 88252



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7022 3330 0000 5910 9419

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- Return Receipt (electronic) \$
- Certified Mail Restricted Delivery \$
- Adult Signature Required \$
- Adult Signature Restricted Delivery \$

Postage

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Total

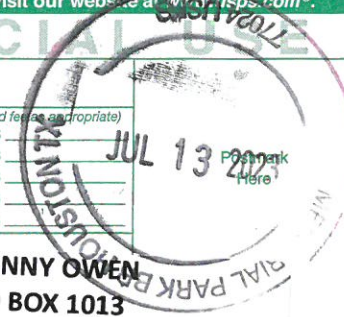
\$

Sent

Street

City

JOHNNY OWEN
PO BOX 1013
JAL, NM 88252



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7022 3330 0000 5910 9389

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- Certified Mail Restricted Delivery \$
- Adult Signature Required \$
- Adult Signature Restricted Delivery \$

Postage

\$

Total

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Sent To

Street and

City, State

LEACO OPERATING, LLC
2121 SAGE ROAD, STE 325
HOUSTON, TX 77056



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7022 3330 0000 5910 9402

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- Return Receipt (hardcopy) \$
- Return Receipt (electronic) \$
- Certified Mail Restricted Delivery \$
- Adult Signature Required \$
- Adult Signature Restricted Delivery \$

Postage

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Total

\$

Sent

Street

City

LEGACY RESERVES OPERATING, LP
15 SMITH ROAD, STE 300
MIDLAND, TX 79705



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7022 3330 0000 5910 9396

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- Return Receipt (hardcopy) \$
- Return Receipt (electronic) \$
- Certified Mail Restricted Delivery \$
- Adult Signature Required \$
- Adult Signature Restricted Delivery \$

Postage

\$

Total

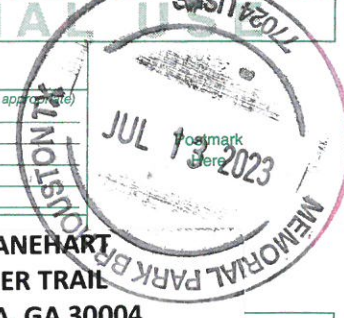
\$

Sent

Street

City

LILLIAN LANEHART
35108 DEER TRAIL
ALPHARETTA, GA 30004



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7022 3330 0000 5910 9426

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- Return Receipt (hardcopy) \$
- Return Receipt (electronic) \$
- Certified Mail Restricted Delivery \$
- Adult Signature Required \$
- Adult Signature Restricted Delivery \$

Postage

\$

Total

\$

Sent

Street

City

PROVIDENCE ENERGY SERVS INC.
KELTON OP CORP
P.O. BOX 928
ANDREWS, TX 79714



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Return Receipt (hardcopy) \$ _____

Return Receipt (electronic) \$ _____

Certified Mail Restricted Delivery \$ _____

Adult Signature Required \$ _____

Adult Signature Restricted Delivery \$ _____

Postage \$ _____

\$ Total _____

\$ Sent _____

Street _____

City _____

STATE LAND OFFICE
310 OLD SANTA FE TRAIL
SANTA FE, NM 87501

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7022 3330 0000 5910 9457

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Certified Mail Fee \$ _____

Extra Services & Fees (check box, add fee as appropriate)

Return Receipt (hardcopy) \$ _____

Return Receipt (electronic) \$ _____

Certified Mail Restricted Delivery \$ _____

Adult Signature Required \$ _____

Adult Signature Restricted Delivery \$ _____

Postage \$ _____

\$ Total _____

\$ Sent _____

Street _____


City _____


WILLIS FAMILY TRUST
P.O. BOX 307
JAL, NM 88252


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





**C-108 Injection Mailing
South Jal Unit
Returned Green Cards
Mailed July 13, 2023**


SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY
<ul style="list-style-type: none"> 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. 	<p>A. Signature <input checked="" type="checkbox"/> <i>John Cox</i> <input type="checkbox"/> Agent <input type="checkbox"/> Addressee</p> <p>B. Received by (Printed Name) <i>John Cox</i> C. Date of Delivery <i>7-14-23</i></p> <p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No</p>
<p>1. Article Addressed to:</p> <p>BETTIS BOYLE & STOVALL, INC. P.O. BOX 1240 GRAHAM, TX 76450</p>  <p>9590 9402 8298 3094 8720 48</p>	<p>3. Service Type</p> <p><input type="checkbox"/> Adult Signature <input type="checkbox"/> Priority Mail Express® <input type="checkbox"/> Adult Signature Restricted Delivery <input type="checkbox"/> Registered Mail™ <input type="checkbox"/> Certified Mail® <input type="checkbox"/> Registered Mail Restricted Delivery <input type="checkbox"/> Certified Mail Restricted Delivery <input type="checkbox"/> Signature Confirmation™ <input type="checkbox"/> Collect on Delivery <input type="checkbox"/> Signature Confirmation Restricted Delivery <input type="checkbox"/> Collect on Delivery Restricted Delivery <input type="checkbox"/> Insured Mail</p>
<p>2. Article Number (Transfer from service label)</p> <p>7022 3330 0000 5910 9334</p>	<p>Mail Restricted Delivery</p>
<p>PS Form 3811, July 2020 PSN 7530-02-000-9053 Domestic Return Receipt</p>	


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<ul style="list-style-type: none"> 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. 	<p>A. Signature <input checked="" type="checkbox"/> <i>R. Duran</i> <input type="checkbox"/> Agent <input checked="" type="checkbox"/> Addressee</p> <p>B. Received by (Printed Name) <i>R. Duran</i> C. Date of Delivery <i>7-18-23</i></p> <p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No</p>
<p>1. Article Addressed to:</p> <p>BUREAU OF LAND MANAGEMENT STATE OF NEW MEXICO 301 DINOSAUR TRAIL SANTA FE, NM 87508</p>  <p>9590 9402 8298 3094 8720 55</p>	<p>3. Service Type</p> <p><input type="checkbox"/> Adult Signature <input type="checkbox"/> Priority Mail Express® <input type="checkbox"/> Adult Signature Restricted Delivery <input type="checkbox"/> Registered Mail™ <input type="checkbox"/> Certified Mail® <input type="checkbox"/> Registered Mail Restricted Delivery <input type="checkbox"/> Certified Mail Restricted Delivery <input type="checkbox"/> Signature Confirmation™ <input type="checkbox"/> Collect on Delivery <input type="checkbox"/> Signature Confirmation Restricted Delivery <input type="checkbox"/> Collect on Delivery Restricted Delivery <input type="checkbox"/> Insured Mail</p>
<p>2. Article Number (Transfer from service label)</p> <p>7022 3330 0000 5910 9358</p>	<p>Mail Restricted Delivery</p>
<p>PS Form 3811, July 2020 PSN 7530-02-000-9053 Domestic Return Receipt</p>	


SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY
<ul style="list-style-type: none"> 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. 	<p>A. Signature <input checked="" type="checkbox"/> <i>T. Terry</i> <input type="checkbox"/> Agent <input type="checkbox"/> Addressee</p> <p>B. Received by (Printed Name) C. Date of Delivery</p> <p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No</p>
<p>1. Article Addressed to:</p> <p>BXP OPERATING, LLC 11757 KATY FREEWAY, STE 475 HOUSTON, TX 77079</p>  <p>9590 9402 8298 3094 8720 31</p>	<p>3. Service Type</p> <p><input type="checkbox"/> Adult Signature <input type="checkbox"/> Priority Mail Express® <input type="checkbox"/> Adult Signature Restricted Delivery <input type="checkbox"/> Registered Mail™ <input type="checkbox"/> Certified Mail® <input type="checkbox"/> Registered Mail Restricted Delivery <input type="checkbox"/> Certified Mail Restricted Delivery <input type="checkbox"/> Signature Confirmation™ <input type="checkbox"/> Collect on Delivery <input type="checkbox"/> Signature Confirmation Restricted Delivery <input type="checkbox"/> Collect on Delivery Restricted Delivery <input type="checkbox"/> Insured Mail</p>
<p>2. Article Number (Transfer from service label)</p> <p>7022 3330 0000 5910 9327</p>	<p>Restricted Delivery</p>
<p>PS Form 3811, July 2020 PSN 7530-02-000-9053 Domestic Return Receipt</p>	


SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY
<ul style="list-style-type: none"> 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. 	<p>A. Signature <input checked="" type="checkbox"/> <i>Billy Myers</i> <input type="checkbox"/> Agent <input type="checkbox"/> Addressee</p> <p>B. Received by (Printed Name) <i>Billy Myers</i></p> <p>C. Date of Delivery <i>7-20-23</i></p> <p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No</p>
<p>1. Article Addressed to:</p> <p style="text-align: center;">DEEP WELLS RANCH 327 DEEP WELLS RD JAL, NM 88252</p>  <p style="text-align: center;">9590 9402 8298 3094 8721 54</p>	<p>3. Service Type</p> <p><input type="checkbox"/> Adult Signature <input type="checkbox"/> Priority Mail Express® <input type="checkbox"/> Adult Signature Restricted Delivery <input type="checkbox"/> Registered Mail™ <input type="checkbox"/> Certified Mail® <input type="checkbox"/> Registered Mail Restricted Delivery <input type="checkbox"/> Certified Mail Restricted Delivery <input type="checkbox"/> Signature Confirmation™ <input type="checkbox"/> Collect on Delivery <input type="checkbox"/> Signature Confirmation Restricted Delivery <input type="checkbox"/> Collect on Delivery Restricted Delivery</p>
<p>2. Article Number (Transfer from service label)</p> <p style="text-align: center;">7022 3330 0000 5910 9440</p>	<p>fail fail Restricted Delivery 0)</p>
PS Form 3811, July 2020 PSN 7530-02-000-9053 Domestic Return Receipt	

SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY
<ul style="list-style-type: none"> 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. 	<p>A. Signature <input checked="" type="checkbox"/> <i>DK Boyd</i> <input type="checkbox"/> Agent <input type="checkbox"/> Addressee</p> <p>B. Received by (Printed Name) <i>DK Boyd</i></p> <p>C. Date of Delivery <i>07-18-23</i></p> <p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No</p>
<p>1. Article Addressed to:</p> <p style="text-align: center;">DK BOYD 3317 ANDREWS HWY MIDLAND, TX 79703</p>  <p style="text-align: center;">9590 9402 8298 3094 8720 62</p>	<p>3. Service Type</p> <p><input type="checkbox"/> Adult Signature <input type="checkbox"/> Priority Mail Express® <input type="checkbox"/> Adult Signature Restricted Delivery <input type="checkbox"/> Registered Mail™ <input type="checkbox"/> Certified Mail® <input type="checkbox"/> Registered Mail Restricted Delivery <input type="checkbox"/> Certified Mail Restricted Delivery <input type="checkbox"/> Signature Confirmation™ <input type="checkbox"/> Collect on Delivery <input type="checkbox"/> Signature Confirmation Restricted Delivery <input type="checkbox"/> Collect on Delivery Restricted Delivery</p>
<p>2. Article Number (Transfer from service label)</p> <p style="text-align: center;">7022 3330 0000 5910 9341</p>	<p>fail fail Restricted Delivery 0)</p>
PS Form 3811, July 2020 PSN 7530-02-000-9053 Domestic Return Receipt	

SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY
<ul style="list-style-type: none"> 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. 	<p>A. Signature <input checked="" type="checkbox"/> <i>Jenny Edwards</i> <input checked="" type="checkbox"/> Agent <input type="checkbox"/> Addressee</p> <p>B. Received by (Printed Name) <i>Jenny Edwards</i></p> <p>C. Date of Delivery <i>7-20-23</i></p> <p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input checked="" type="checkbox"/> No</p>
<p>1. Article Addressed to:</p> <p style="text-align: center;">FULFER OIL & CATTLE LLC P.O. BOX 1224 JAL, NM 88252</p>  <p style="text-align: center;">9590 9402 8298 3094 8720 86</p>	<p>3. Service Type</p> <p><input type="checkbox"/> Adult Signature <input type="checkbox"/> Priority Mail Express® <input type="checkbox"/> Adult Signature Restricted Delivery <input type="checkbox"/> Registered Mail™ <input type="checkbox"/> Certified Mail® <input type="checkbox"/> Registered Mail Restricted Delivery <input type="checkbox"/> Certified Mail Restricted Delivery <input type="checkbox"/> Signature Confirmation™ <input type="checkbox"/> Collect on Delivery <input type="checkbox"/> Signature Confirmation Restricted Delivery <input type="checkbox"/> Collect on Delivery Restricted Delivery</p>
<p>2. Article Number (Transfer from service label)</p> <p style="text-align: center;">7022 3330 0000 5910 9372</p>	<p>fail fail Restricted Delivery 0)</p>
PS Form 3811, July 2020 PSN 7530-02-000-9053 Domestic Return Receipt	

SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY
<ul style="list-style-type: none"> 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. 	<p>A. Signature <input checked="" type="checkbox"/> <i>Johnny M. Owen</i> <input type="checkbox"/> Agent <input type="checkbox"/> Addressee</p> <p>B. Received by (Printed Name) <i>Johnny M. Owen</i></p> <p>C. Date of Delivery</p> <p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No</p>
<p>1. Article Addressed to:</p> <p style="text-align: center;">JOHNNY OWEN PO BOX 1013 JAL, NM 88252</p>	
 9590 9402 8298 3094 8721 23	<p>3. Service Type</p> <p><input type="checkbox"/> Adult Signature <input type="checkbox"/> Priority Mail Express®</p> <p><input type="checkbox"/> Adult Signature Restricted Delivery <input type="checkbox"/> Registered Mail™</p> <p><input type="checkbox"/> Certified Mail® <input type="checkbox"/> Registered Mail Restricted Delivery</p> <p><input type="checkbox"/> Certified Mail Restricted Delivery <input type="checkbox"/> Signature Confirmation™</p> <p><input type="checkbox"/> Collect on Delivery <input type="checkbox"/> Signature Confirmation Restricted Delivery</p> <p><input type="checkbox"/> Collect on Delivery Restricted Delivery</p> <p><input type="checkbox"/> Insured Mail</p> <p><input type="checkbox"/> Insured Mail Restricted Delivery</p>
<p>2. Article Number (Transfer from service label)</p> <p style="text-align: center;">7022 3330 0000 5910 9419</p>	
PS Form 3811, July 2020 PSN 7530-02-000-9053	Domestic Return Receipt

SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY
<ul style="list-style-type: none"> 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. 	<p>A. Signature <input checked="" type="checkbox"/> <i>R Doan</i> <input type="checkbox"/> Agent <input type="checkbox"/> Addressee</p> <p>B. Received by (Printed Name) <i>R Doan</i></p> <p>C. Date of Delivery <i>7-18-23</i></p> <p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No</p>
<p>1. Article Addressed to:</p> <p style="text-align: center;">LEGACY RESERVES OPERATING, LP 15 SMITH ROAD, STE 300 MIDLAND, TX 79705</p>	
 9590 9402 8298 3094 8721 16	<p>3. Service Type</p> <p><input type="checkbox"/> Adult Signature <input type="checkbox"/> Priority Mail Express®</p> <p><input type="checkbox"/> Adult Signature Restricted Delivery <input type="checkbox"/> Registered Mail™</p> <p><input type="checkbox"/> Certified Mail® <input type="checkbox"/> Registered Mail Restricted Delivery</p> <p><input type="checkbox"/> Certified Mail Restricted Delivery <input type="checkbox"/> Signature Confirmation™</p> <p><input type="checkbox"/> Collect on Delivery <input type="checkbox"/> Signature Confirmation Restricted Delivery</p> <p><input type="checkbox"/> Collect on Delivery Restricted Delivery</p> <p><input type="checkbox"/> Insured Mail</p> <p><input type="checkbox"/> Insured Mail Restricted Delivery (over \$500)</p>
<p>2. Article Number (Transfer from service label)</p> <p style="text-align: center;">7022 3330 0000 5910 9402</p>	
PS Form 3811, July 2020 PSN 7530-02-000-9053	Domestic Return Receipt

SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY
<ul style="list-style-type: none"> 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. 	<p>A. Signature <input checked="" type="checkbox"/> <i>Donna Lanehart</i> <input type="checkbox"/> Agent <input type="checkbox"/> Addressee</p> <p>B. Received by (Printed Name) <i>Donna Lanehart</i></p> <p>C. Date of Delivery <i>7-18-23</i></p> <p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No</p>
<p>1. Article Addressed to:</p> <p style="text-align: center;">LILLIAN LANEHART 35108 DEER TRAIL ALPHARETTA, GA 30004</p>	
 9590 9402 8298 3094 8721 09	<p>3. Service Type</p> <p><input type="checkbox"/> Adult Signature <input type="checkbox"/> Priority Mail Express®</p> <p><input type="checkbox"/> Adult Signature Restricted Delivery <input type="checkbox"/> Registered Mail™</p> <p><input type="checkbox"/> Certified Mail® <input type="checkbox"/> Registered Mail Restricted Delivery</p> <p><input type="checkbox"/> Certified Mail Restricted Delivery <input type="checkbox"/> Signature Confirmation™</p> <p><input type="checkbox"/> Collect on Delivery <input type="checkbox"/> Signature Confirmation Restricted Delivery</p> <p><input type="checkbox"/> Collect on Delivery Restricted Delivery</p> <p><input type="checkbox"/> Insured Mail</p> <p><input type="checkbox"/> Insured Mail Restricted Delivery (over \$500)</p>
<p>2. Article Number (Transfer from service label)</p> <p style="text-align: center;">7022 3330 0000 5910 9396</p>	
PS Form 3811, July 2020 PSN 7530-02-000-9053	Domestic Return Receipt

SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY		
<ul style="list-style-type: none"> 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. 	A. Signature <input checked="" type="checkbox"/> <i>[Signature]</i>	<input type="checkbox"/> Agent <input type="checkbox"/> Addressee	
1. Article Addressed to:	B. Received by (Printed Name) <i>Cindy Kelton</i>	C. Date of Delivery <i>7-19-23</i>	
D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No			
PROVIDENCE ENERGY SERVS INC.- KELTON OP CORP P.O. BOX 928 ANDREWS, TX 79714			
Service Type <input type="checkbox"/> Adult Signature <input type="checkbox"/> Adult Signature Restricted Delivery <input type="checkbox"/> Certified Mail® <input type="checkbox"/> Certified Mail Restricted Delivery <input type="checkbox"/> Collect on Delivery <input type="checkbox"/> Collect on Delivery Restricted Delivery			<input type="checkbox"/> Priority Mail Express® <input type="checkbox"/> Registered Mail™ <input type="checkbox"/> Registered Mail Restricted Delivery <input type="checkbox"/> Signature Confirmation™ <input type="checkbox"/> Signature Confirmation Restricted Delivery
2. Article Number (Transfer from service label) 7022 3330 0000 5910 9426			
PS Form 3811, July 2020 PSN 7530-02-000-9053 Domestic Return Receipt			

SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY		
<ul style="list-style-type: none"> 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. 	A. Signature <input checked="" type="checkbox"/> <i>[Signature]</i>	<input type="checkbox"/> Agent <input type="checkbox"/> Addressee	
1. Article Addressed to:	B. Received by (Printed Name) <i>Marcus A Bwela</i>	C. Date of Delivery <i>7/19/23</i>	
D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No			
STATE LAND OFFICE 310 OLD SANTA FE TRAIL SANTA FE, NM 87501			
3. Service Type <input type="checkbox"/> Adult Signature <input checked="" type="checkbox"/> Adult Signature Restricted Delivery <input type="checkbox"/> Certified Mail® <input type="checkbox"/> Certified Mail Restricted Delivery <input type="checkbox"/> Collect on Delivery <input type="checkbox"/> Collect on Delivery Restricted Delivery			<input type="checkbox"/> Priority Mail Express® <input type="checkbox"/> Registered Mail™ <input type="checkbox"/> Registered Mail Restricted Delivery <input type="checkbox"/> Signature Confirmation™ <input type="checkbox"/> Signature Confirmation Restricted Delivery
2. Article Number (Transfer from service label) 7022 3330 0000 5910 9433			
PS Form 3811, July 2020 PSN 7530-02-000-9053 Domestic Return Receipt			

SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY		
<ul style="list-style-type: none"> 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. 	A. Signature <input checked="" type="checkbox"/> <i>[Signature]</i>	<input type="checkbox"/> Agent <input type="checkbox"/> Addressee	
1. Article Addressed to:	B. Received by (Printed Name) <i>Darla Willis</i>	C. Date of Delivery <i>7/20/23</i>	
D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No			
WILLIS FAMILY TRUST P.O. BOX 307 JAL, NM 88252			
3. Service Type <input type="checkbox"/> Adult Signature <input type="checkbox"/> Adult Signature Restricted Delivery <input type="checkbox"/> Certified Mail® <input type="checkbox"/> Certified Mail Restricted Delivery <input type="checkbox"/> Collect on Delivery <input type="checkbox"/> Collect on Delivery Restricted Delivery			<input type="checkbox"/> Priority Mail Express® <input type="checkbox"/> Registered Mail™ <input type="checkbox"/> Registered Mail Restricted Delivery <input type="checkbox"/> Signature Confirmation™ <input type="checkbox"/> Signature Confirmation Restricted Delivery
2. Article Number (Transfer from service label) 7022 3330 0000 5910 9457			
PS Form 3811, July 2020 PSN 7530-02-000-9053 Domestic Return Receipt			

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

**APPLICATION OF FAE II OPERATING, LLC
TO CONVERT PRODUCING WELLS AND/OR DRILL NEW
INJECTION WELLS FOR WATERFLOOD
OPERATIONS, LEA COUNTY, NEW MEXICO**

CASE NO. 23711

SELF-AFFIRMED STATEMENT OF CHARLES HOOPER

1. I am over 18 years of age and am competent to provide this Self-Affirmed Statement. I have personal knowledge of the matters addressed herein. I am employed by FAE II Operating, LLC (“FAE”) as a geologist. I am familiar with the Application in this case and with the geology matters pertaining to this Application. I have previously testified before the New Mexico Oil Conservation Division (“Division”), and my credentials as an expert in petroleum geology matters were accepted and made a matter of record. A copy of my curriculum vitae is attached as **Exhibit B-1**.

2. FAE’s application seeks an order: (1) authorizing FAE to convert and/or drill its Aztec #001, Exxon #001, Arnott Ramsay NCT E #002 and #013, and B T Lanehart #002, #003, #012 and #013 (“Yates Wells”) from producers to injectors within the Yates project area (“Yates Project”) of the South Jal Unit (“Unit”) as proposed in Statutory Unitization CASE NO. 23712 in the Yates formation located in Sections 16 and 21, Township 25 South, Range 37 East, Lea County, New Mexico; (2) authorizing FAE to convert and/or drill its Alston #004, #005, #006, #007, and #008, Carlson A #001, #004, and #005, Harrison #001, Harrison Federal #005 and #006, and Henry #003, #005, #006, and #008 (“Queen Wells”) from producers to injectors within the Queen project area (“Queen Project”) of the Unit in the Queen formation located in Sections 22, 23, 26 and 27, Township 25 South, Range 37 East, Lea County, New Mexico; (3) authorizing FAE to convert its

Moberly Rhodes WF Project #004, #006, and #010 (“Moberly Wells”) from producers to injectors within the Moberly project area (“Moberly Project”) of the Unit in the Yates and Seven Rivers formations located in Sections 20 and 21, Township 26 South, Range 37 East, Lea County, New Mexico; and (4) authorizing FAE to convert additional wells within the Unit from producers to injectors administratively.

3. The legal locations and injection intervals of the wells (“Wells”) pertaining to this application are as follows:

YATES PROJECT AREA

Well Name (API: 30-025-)	Location within T25S-R37E	Injection interval
EXXON #1 (09779)	Unit J, 1983 FEL & 1979 FSL, Section 21	2850' - 3200'
ARNOTT RAMSAY NCT E #2 (11612)	Unit O, 1972 FEL & 655 FSL, Section 16	2850' - 3153'
B T LANEHART #3 (11682)	Unit C, 1980 FWL & 660 FNL, Section 21	2850' - 3091'
AZTEC #1 (11686)	Unit K, 1972 FSL & 1977 FWL, Section 21	2850' - 3187'
B T LANEHART #2 (11687)	Unit F, 1980 FNL & 1980 FWL, Section 21	2850' - 3250'
B T LANEHART #12 (new drill)	1987 FNL & 2065 FEL, Section 21	2850' - 3250' (YATES-SEVEN RIVERS)
B T LANEHART #13 (new drill)	684 FNL & 1939 FEL, Section 21	2850' - 3250' (YATES-SEVEN RIVERS)
ARNOTT RAMSAY NCT E #13 (new drill)	636 FSL & 2005 FWL, Section 26	2850' - 3250' (YATES-SEVEN RIVERS)

QUEEN PROJECT AREA

Well Name (API: 30-025-)	Location within T25S-R37E	Injection interval
CARLSON A #1 (11697)	Unit P, 957 FEL & 330 FSL, Section 22	3200' - 3327'
HARRISON #1 (11702)	Unit M, 330 FWL & 360 FSL, Section 22	3100' - 3347'
HENRY #3 (11788)	Unit M, 342 FWL & 336 FSL, Section 26	3125' - 3325'
ALSTON #4 (11801)	Unit F, 2311 FNL & 1665 FWL, Section	3025' - 3341'
ALSTON #5 (new drill)	962 FNL & 336 FEL, Section 27	3000' - 3400' (QUEEN)
ALSTON #6 (new drill)	137 FNL & 1210 FWL, Section 26	3000' - 3400' (QUEEN)
ALSTON #7 (new drill)	1174 FNL & 960 FWL, Section 26	3000' - 3400' (QUEEN)
ALSTON #8 (new drill)	2360 FNL & 212 FWL, Section 26	3000' - 3400' (QUEEN)
CARLSON A #4 (new drill)	255 FSL & 2325 FEL, Section 22	3000' - 3400' (QUEEN)
CARLSON A #5 (new drill)	1365 FSL & 330 FWL, Section 23	3000' - 3400' (QUEEN)
HARRISON FEDERAL #5 (new drill)	1415 FSL & 2375 FEL, Section 22	3000' - 3400' (QUEEN)
HARRISON FEDERAL #6 (new drill)	1355 FSL & 950 FEL, Section 22	3000' - 3400' (QUEEN)
HENRY #5 (new drill)	1709 FSL & 212 FWL, Section 26	3000' - 3400' (QUEEN)
HENRY #6 (new drill)	1562 FSL & 1321 FWL, Section 26	3000' - 3400' (QUEEN)
HENRY #8 (new drill)	507 FSL & 1555 FWL, Section 26	3000' - 3400' (QUEEN)

MOBERLY PROJECT AREA

Well Name (API: 30-025-)	Location within T26S-R37E	Injection interval
MOBERLY RHODES WF PROJECT #10 (12019)	Unit I, 1980 FSL & 660 FEL, Section 20	2950' - 3302'
MOBERLY RHODES WF PROJECT #6 (12023)	Unit K, 1980 FSL & 1980 FWL, Section 20	2925' - 3298'
MOBERLY RHODES WF PROJECT #4 (23456)	Unit J, 1990 FSL & 2084 FEL, Section 20	3100' - 3321'

4. **Exhibit B-2** contains a the specific well log for the “unitized interval,” defined in Unit documentation as the Yates, Seven Rivers, and Queen formations, which has a depth of 2,635’ MD and 3,563’ MD, respectively, in Western Natural Gas Company’s Dabbs #001 (re-entered and renamed to Dabbs #004 (API:30-025-11887) in January, 1997) well (located at 1650 feet FNL and 660 feet FWL of Section 34, T-25-S, R-37-E, Lea County, New Mexico) as recorded on the Schlumberger Gamma Ray-Neutron Log taken on August 14, 1957, said log being measured from a Kelly Bushing elevation of 3,025 feet above sea level.

5. Produced water will be injected into and contained within the Yates, Seven Rivers and/or Queen formations, which make up the proposed unitized interval, for the purpose of increasing the ultimate recovery of oil within the Project area interval.

6. **Exhibit B-3** contains a type log of the Yates-Seven Rivers-Queen unitized interval. The interval consists primarily of sandstones interbedded with dolomites and anhydrites. The log shows the interval top at 2649’ and which is top sealed by a low porosity/low permeability non-oil bearing Tansil anhydrite layer. The bottom of the interval is sealed by a low porosity/low permeability section of the Grayburg carbonate, starting at 3567’ (base of Queen formation/top of Grayburg formation). There is no fracturing and essentially no vugular porosity fabric evident in

cores or on the openhole wireline log data. Productive porosity typically ranges from 10% to 20% throughout the interval.

7. **Exhibit B-4** contains a structure map of the Unit. The map shows the structural contours for the top of the Yates formation. Broadly speaking, the area gently dips to the WSW towards the Central Basin Platform shelf edge and Delaware Basin, with an exception of a small, local anticline in Sections 28 and 33 and accompanying trough in Sections 27 and 34 of T-25-S, R-37-E. The structural characteristics exhibited by the Yates formation is largely mirrored by the Seven Rivers and Queen formations.

8. **Exhibits B-5 and B-6** contain structural cross-sections, one W-E and one N-S, of the interval to be unitized, specifically the Yates, Seven Rivers and Queen formations. The cross-sections demonstrate the injection interval is consistent and continuous across the target interval underlying the Project area. The cross-sections also show all lands within the proposed unit contain porous reservoir rock and therefore, all lands within the proposed unit appear capable of contributing additional secondary and tertiary recovery reserves.

9. Accordingly, from geologic studies performed over this area, the project areas are well suited for secondary and tertiary recovery operations and will serve as efficient starting points for step-out development in the future.

10. There are no faults or other geologic impediments that would impede the efficiency of the Project.

11. Based on my professional training and experience, it is my opinion that the proposed injection operations will not impair any hydrocarbon-bearing zones. It is also my opinion that injection fluids will be confined to the injection interval as a result of the stratigraphic confining layers above and below the injection zone.

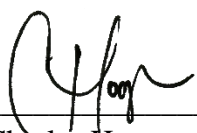
12. **Exhibit B-7a** is a water sample report for two (2) fresh water wells and two (2) produced water battery locations near the proposed areas of initial development within the unit bounds. **Exhibit B-7b** is a map of the fresh and produced water sample locations. These fresh water wells are also discussed in the accompanying C-108 documents/cases. Generally, fresh water wells in the area reported to the state have maximum depths of 250-350' from the surface. At a depth of 850-1000' from the surface is the top of the Rustler formation (measured at 894' in the Dabbs #004), which is an impermeable anhydrite that acts as a seal (along with the Saldo formation and Tansil formation, totaling 1500'+) below the alluvium strata above, which is assumed to be and treated as entirely fresh water. The two sources of water tested, fresh and produced, are compositionally distinct and hydrologically separate.

13. I have examined the available geological and engineering data and have found no evidence of open faults or hydrological connection between the proposed Yates-Seven Rivers-Queen injection interval and any underground sources of drinking water.

14. The exhibits referenced above were either prepared by me or under my supervision or were compiled from company business records.

15. In my opinion, the granting of FAE's application would serve the interests of conservation, the prevention of waste, and the protection of correlative rights.

16. I understand this Self-Affirmed Statement will be used as written testimony in this case. I affirm that my testimony in paragraphs 1 through 15 above is true and correct and is made under penalty of perjury under the laws of the State of New Mexico. My testimony is made as of the date next to my signature below.



 Charles Hooper

9/26/2023

 Date

CHARLES J. HOOPER**SENIOR GEOLOGIST**

Geologist with 10+ years of experience in extracting value from mature assets via highly detailed reservoir studies, reservoir simulation, and waterflood design. Dual masters' degrees in business and geology provide a unique ability to incorporate technical findings with practical economics to deliver the maximum yield on assets.

WORK EXPERIENCE**Forty Acres Energy, LLC. (2019-present)**

Houston, TX

Senior Geologist

- Produce and refine large-scale reservoir studies of the New Mexico Central Basin Platform utilizing tens of thousands of wells, well logs, completions data, and well histories to analyze potential EOR and workover prospectivity.
- Generate workover opportunities for up to a 10-rig workover program by identifying bypassed and/or partially depleted pay in wells, ranking PDNP opportunities, and working with operations to effectively and efficiently complete wells.
- Evaluate and recommend potential waterflood/EOR projects utilizing reservoir simulation and detailed geologic studies.
- Provide/present technical review presentations for regulatory agencies, investors, and third-party reserves auditors.

Durango Resources Corp. (2012-2019)

Houston, TX

Senior Geologist & Business Development Officer (2016-2019)

- Prospected a horizontal well play and oversaw geosteering for two successful pilot wells in a mature Gulf Coast field; lateral portion of the wells were kept within a 2 ft. window of the targeted reservoir path.
- Played a primary role in identifying, evaluating, valuing, presenting, and securing a capital partner for a \$22MM conventional assets acquisition in the Delaware Basin and Central Basin Platform.
- Generated financial models for PDP valuation, field upside development valuation, and specific investor requests.
- Authored and presented investor presentations covering company highlights, financial models, reservoir characterization, upside potential, and reservoir simulation (via ReservoirGrail).
- Developed and managed a comprehensive prioritized workflow for newly acquired assets to quickly and accurately conduct large-scale reservoir studies (sourcing data, generating databases, correlating stratigraphy, mapping of individual reservoir segments, locating and quantifying current hydrocarbons in place).
- Conducted field development plans utilizing field studies and reservoir simulation to design the most economical approaches for upside exploitation, including recompletions, infill drilling, and waterflood.

Senior Geologist (2016)

- Spearheaded acquisition due diligence, including geologic interpretation audits, reservoir simulation, and upside evaluation on a pre-bid basis.
- Performed field studies in the Gulf Coast Basin and Hardeman Basin (Oklahoma) and due diligence in the Anadarko Basin, Denver Basin, East Texas, Green River Basin, Louisiana salt domes, North Texas, Permian Basin, and Powder River Basin.
- Recommend projects within the company's existing assets such as new-drills, recompletions, re-entries and waterflood/pressure maintenance programs.
- Assisted in proving projects as PDNP/PUD reserves to 3rd party reserves engineers.
- Generated waterflood EOR prospects in mature and abandoned oil fields.
- Oversaw various field operations as "company man" including wireline logging, perforations, and workovers.

Geologist (2013-2016)

- Interpreted well logs, production data, 3D seismic, and other relevant data to create regional and local geologic maps and cross-sections. Map types include fault plane, gross facies, net sand, net pay, structure, porosity, and saturation.
- Utilized reservoir simulation to identify and quantify current-oil-in-place in the company's existing assets.
- Incorporated new data to re-interpret the company's existing field/reservoir studies.

Geologist Intern (2012)

- Created an Eagle Ford asset report for a public oil company analyzing improvements in drilling and completion techniques, production decline rates and EUR's, and gross revenue scenarios for specific time periods. The report was used as supporting documentation to recommend the sale of the asset.
- Utilized ReservoirGrail software to simulate and analyze horizontal multi-stage well depletion rates.

GrailQuest Corp. (a subsidiary of Durango Resources) (2014-2019)

Houston, TX

Geomodeling Consultant (2014-2019)

- Provided consulting services using ReservoirGrail reservoir simulation software to identify, quantify, and design upside exploitation, including infill drilling, offset drilling, and/or waterflood/EOR applications.
 - Services rendered: regional and local geologic studies, review of geologic and engineering interpretations, reservoir simulation to present conditions, reservoir simulation to design and quantify future field development, real-time waterflood progress feedback, financial modeling, unit participation formulation, and assistance with 3rd party reserves documentation.
- Conducted and updated market analysis for ReservoirGrail, including strengths, weaknesses, competitors, competitive advantages, marketing tactics, promotional ideas, and pricing regimes.
- Assisted in software sales and new user training of ReservoirGrail.
- Conceptualized software enhancements and identified software maintenance needs.

DrillingInfo (2011)

Austin, TX

Energy Strategy Partners Junior Analyst

- Performed geoscience research and data analysis in unconventional plays for play-specific reports.
- Provided troubleshooting, data input, and research for a developmental geologic basin modeling software program which used domestic basins as an analog for international basins.
- Served as Administrator for operator updates and highlights in unconventional plays.

EDUCATION

University of Houston, College of Natural Sciences and Mathematics

Master of Science in Geology, GPA: 3.4, May 2015

University of Houston, C. T. Bauer College of Business

Master of Business Administration, GPA: 3.7, May 2015

University of Texas at Austin, Jackson School of Geosciences

Bachelor of Science in Geology, GPA: 3.0, December 2010

RELEVANT EXPERIENCE

AAPG Imperial Barrel Award (IBA) Competition (2015)

- Annual prospective basin evaluation competition for teams of geoscience graduate students.
- Dataset included a 3D seismic survey and various well logs in the Patchawarra Trough, Cooper Basin, Australia.
- Led the team in well log correlation, petroleum system analysis, prospect risking, prospect mapping and volumetrics, and recommended course of action.
- Contributed to the team in analysis of paleogeography, tectonic history, burial history, seismic interpretation, seismic attribute mapping, well log modeling, dry hole analysis, and analog field and basin comparisons.
- Team recommended 2 prospects in "sweet spots" and steps for further evaluation of a basin-centered gas play.

SKILLS

Software

- IHS Petra
- GrailQuest ReservoirGrail
- IHS Kingdom
- Schlumberger Petrel
- Esri ArcGIS
- Golden Software Didger & Surfer
- Paint.net (graphic design)
- Microsoft Office

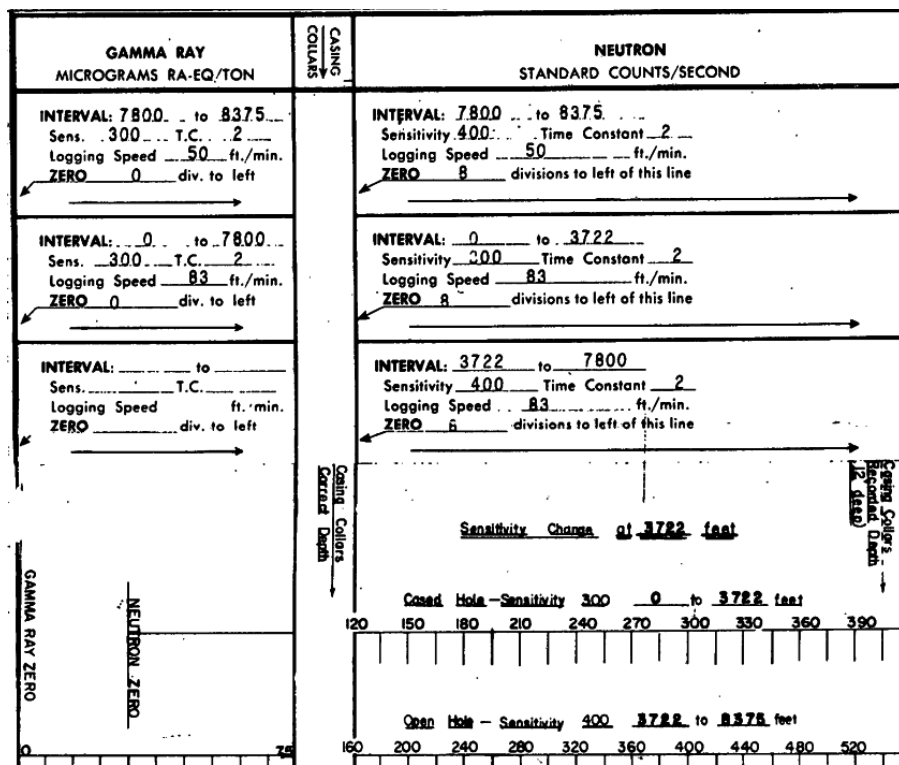
Geoscience

- Reservoir simulation
- Seismic interpretation
- Well log interpretation
- Well history interpretation
- Geologic mapping
- Sedimentology and stratigraphy
- Structural interpretation
- Petroleum systems analysis

ADDITIONAL

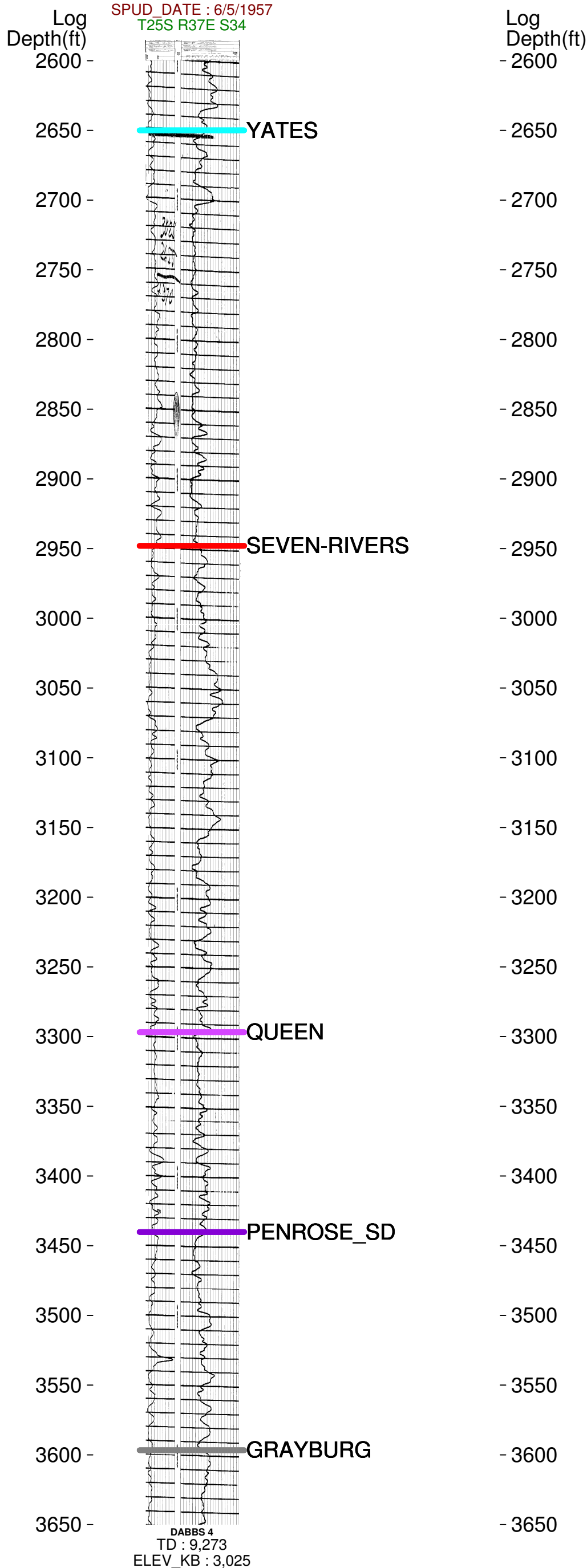
- American Association of Petroleum Geologists (AAPG), Member, 2009-present
- Houston Geological Society, Member, 2010-present
- Society of Exploration Geophysicists, Member, 2010-present
- Coastal Conservation Association, Member, 2004-present
- Eagle Scout, Boy Scouts of America

SCHLUMBERGER WELL SURVEYING CORPORATION HOUSTON, TEXAS		SIMULTANEOUS <i>Gamma Ray-Neutron</i>		
COUNTY <u>Lea</u> FIELD or LOCATION <u>Crosby Dev.</u> WELL <u>Dabbs # 1</u> COMPANY <u>Western Natural Gas Company</u>	COMPANY <u>WESTERN NATURAL</u>	Other Surveys ES ML		
	<u>GAS COMPANY</u>	Location of Well		
	WELL <u>DABBS # 1</u>	1650' f N/L 660' f W/L		
	FIELD <u>CROSBY DEVONIAN</u>	Elevation: D.F.: K.B.: <u>3025</u> or G.L.: <u>3013</u>		
	LOCATION <u>SEC. 34-25S-37E</u>	FILING No. _____		
COUNTY <u>LEA</u>	STATE <u>NEW MEXICO</u>			
Log Depths Measured From <u>KB</u> <u>11.18</u> Ft. above <u>GL</u>				
RUN NO.	<u>8-14-57</u>			
Date	<u>8-14-57</u>			
First Reading	<u>8375</u>			
Last Reading	<u>320</u>			
Footage Measured	<u>8055</u>			
Max. Depth Reached	<u>8376</u>			
Bottom Driller	<u>8385</u>			
Maximum Temp. °F.	<u>132</u>			
Fluid Nature	<u>Magnibar-Driscose</u>			
Fluid Level	<u>320</u>			
Casing Size	<u>9 5/8 in.</u>	in.		
Casing Weight	<u>lb. Surf. to 3722</u>	lb.	to	
Casing Size	<u>in.</u>	in.		
Casing Weight	<u>lb. to</u>	lb.	to	
Bit Size	<u>7 7/8 in. CSG. to TD</u>	in.	to	
Bit Size	<u>in. to</u>	in.	to	
No. Counters Used	<u>GNAM-3</u>			
Type Equipment	<u>GNP-C-119</u>			
Type Panel	<u>3 Hrs.</u>			
Op. Rig Time	<u>1760 - Hobbs</u>			
Truck No.	<u>Howe</u>			
Observer	<u>Armstrong</u>			
Witness				
REMARKS: CALIBRATION : BACKGROUND CPS TEST SOURCE CPS GALV. INCREASE DIVISIONS PANEL SENS. TAP. FOR CAL.				
GAMMA RAY	<u>80</u>	<u>480</u>	<u>100</u>	<u>400</u>
NEUTRON	<u>4</u>	<u>232</u>	<u>100</u>	<u>400</u>



30025118870000
FAE II Operating LLC


DABBS 4
SPUD_DATE : 6/5/1957
T25S R37E S34



30025262780000
FAE II Operating LLC

●
ARNOTT RAMSAY NCT-B 6
SPUD DATE : 4/6/1979
T25S R37E S32

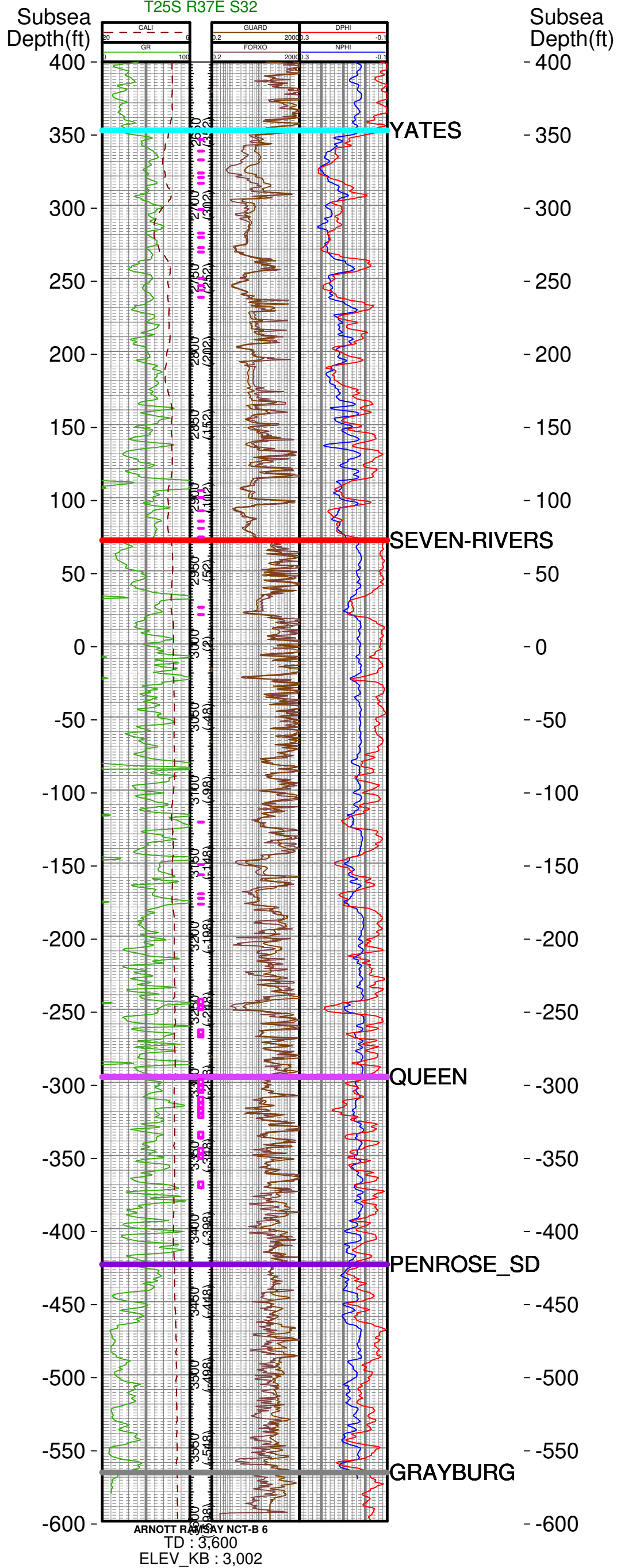
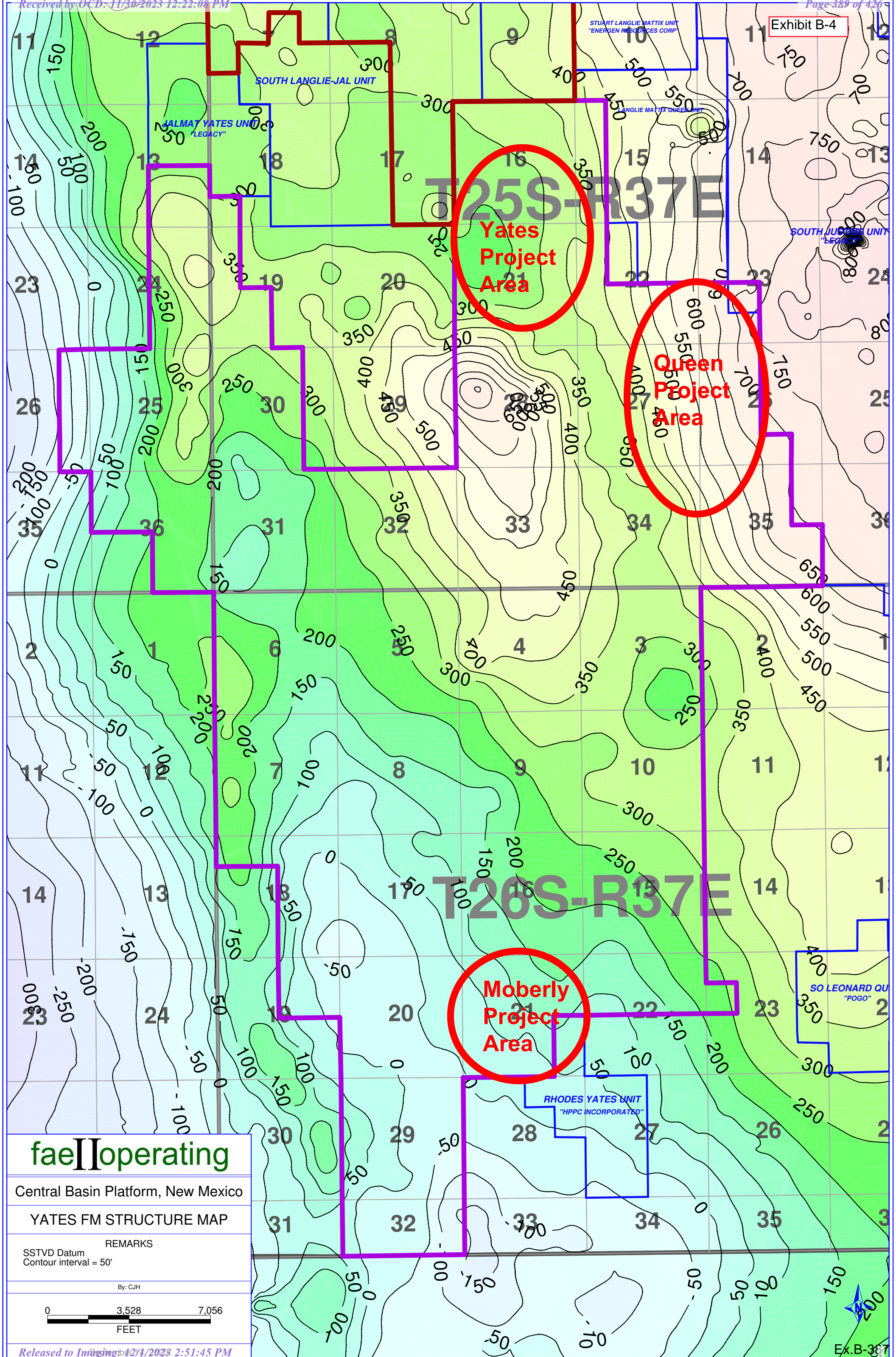


Exhibit B-4



Yates Project Area

Queen Project Area

Moberly Project Area

fae Operating

Central Basin Platform, New Mexico

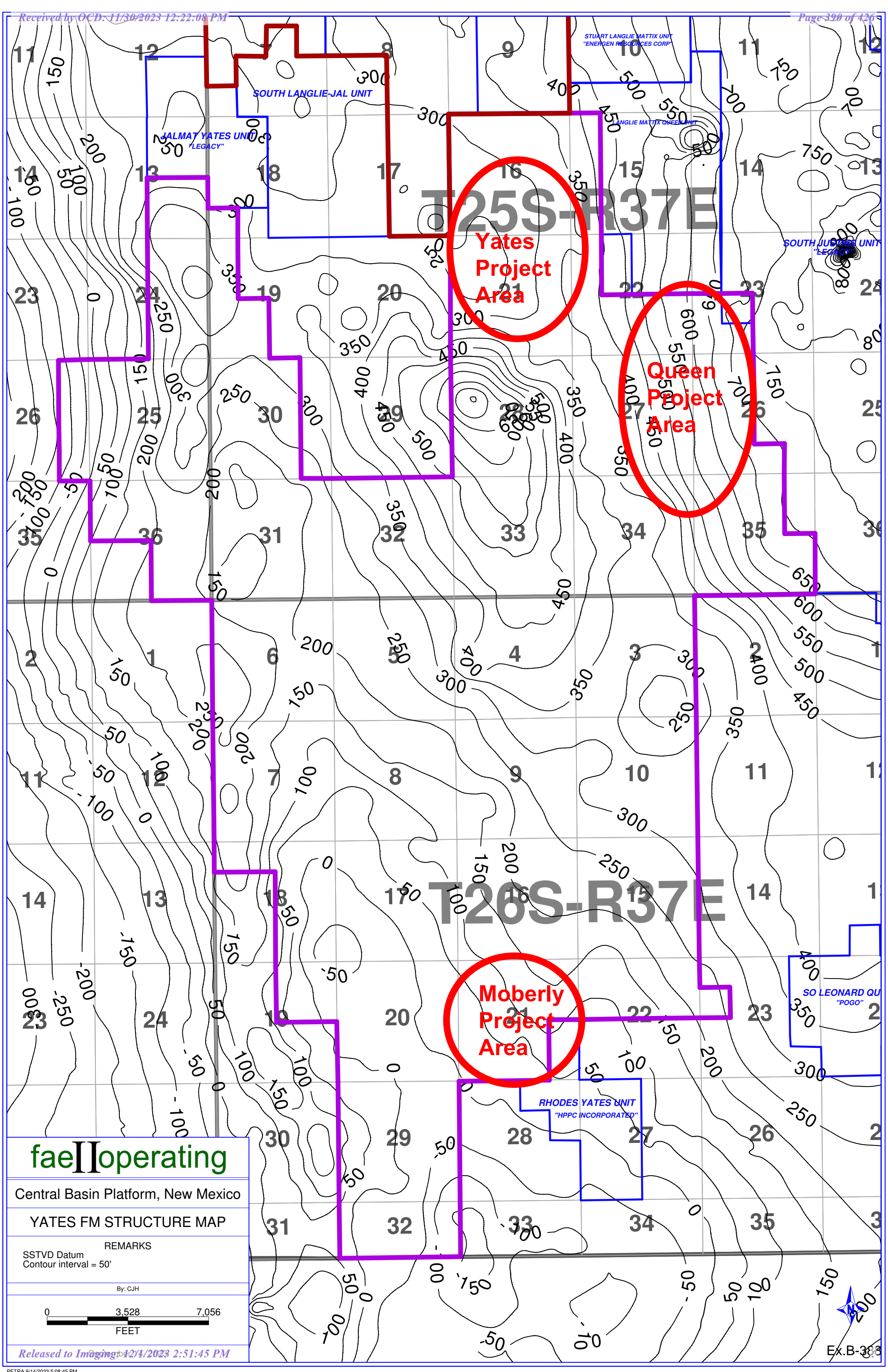
YATES FM STRUCTURE MAP

REMARKS

SSTVD Datum
Contour interval = 50'

By: CJH

0 3,528 7,056
FEET



SOUTH LANGLIE-JAL UNIT

JALMAT YATES UNIT
"LEGACY"

STUART LANGLIE MATTIX UNIT
"ENERGEN RESOURCES CORP"

LANGLIE MATTIX QUEEN UNIT

SOUTH JUSTUS UNIT
"LEGACY"

SO LEONARD QU
"POGO"

RHODES YATES UNIT
"HPPC INCORPORATED"

**Yates
Project
Area**

**Queen
Project
Area**

**Moberly
Project
Area**

fae Operating

Central Basin Platform, New Mexico

YATES FM STRUCTURE MAP

REMARKS

SSTVD Datum
Contour interval = 50'

By: CJH

0 3,528 7,056
FEET

Exhibit B-5

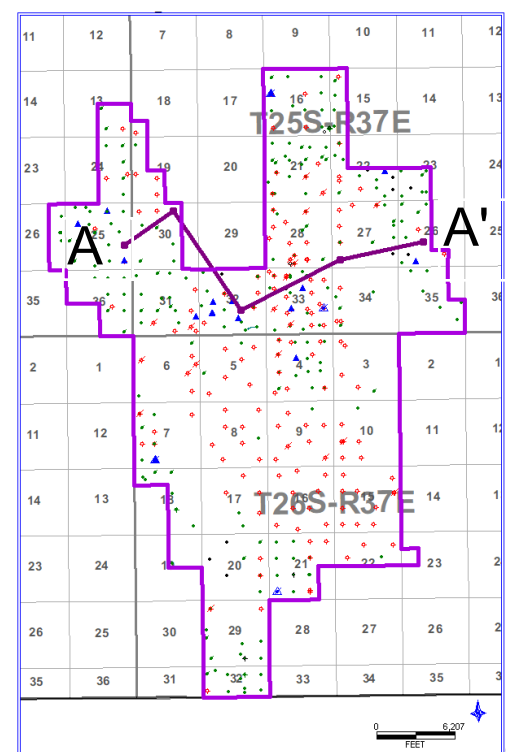
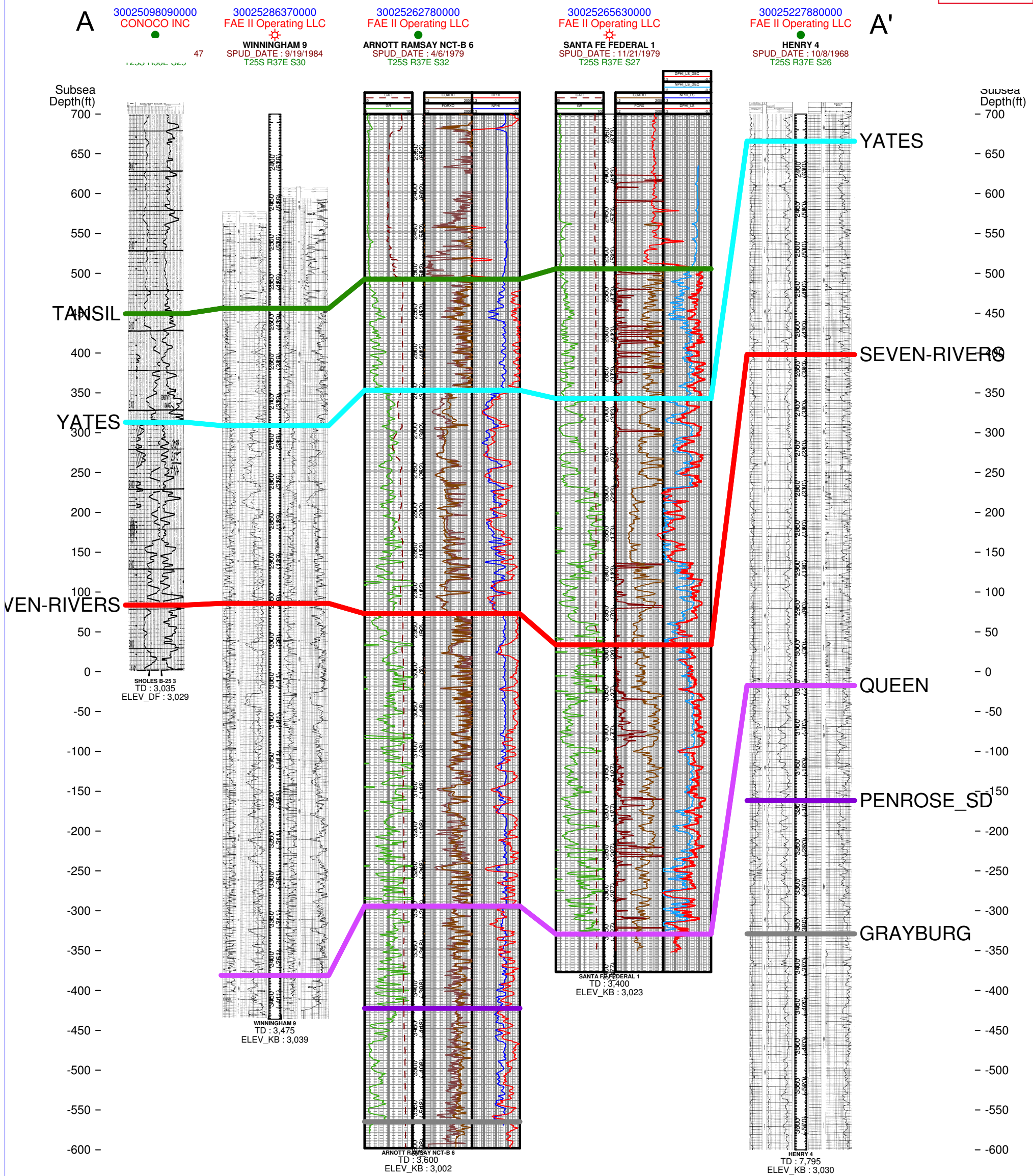


Exhibit B-6

30025260840000
PROVIDENCE ENERGY SERVICES INC-KELTO

30025267250000
LANEXCO INC

30025344530000
FAE II Operating LLC

30025344520000
FAE II Operating LLC

30025325060000
FAE II Operating LLC

B
FEDERAL X 2
SPUD_DATE : 10/3/1978
T25S R37E S15

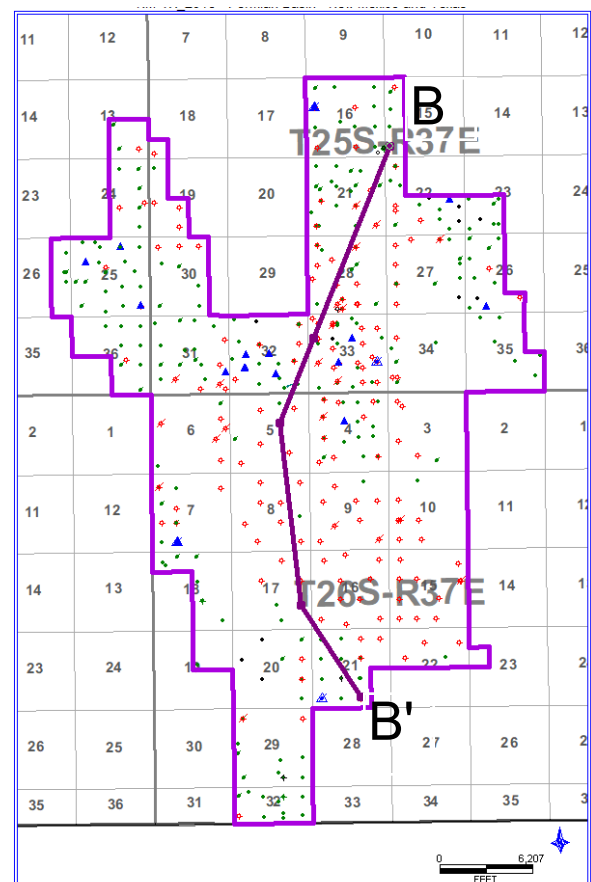
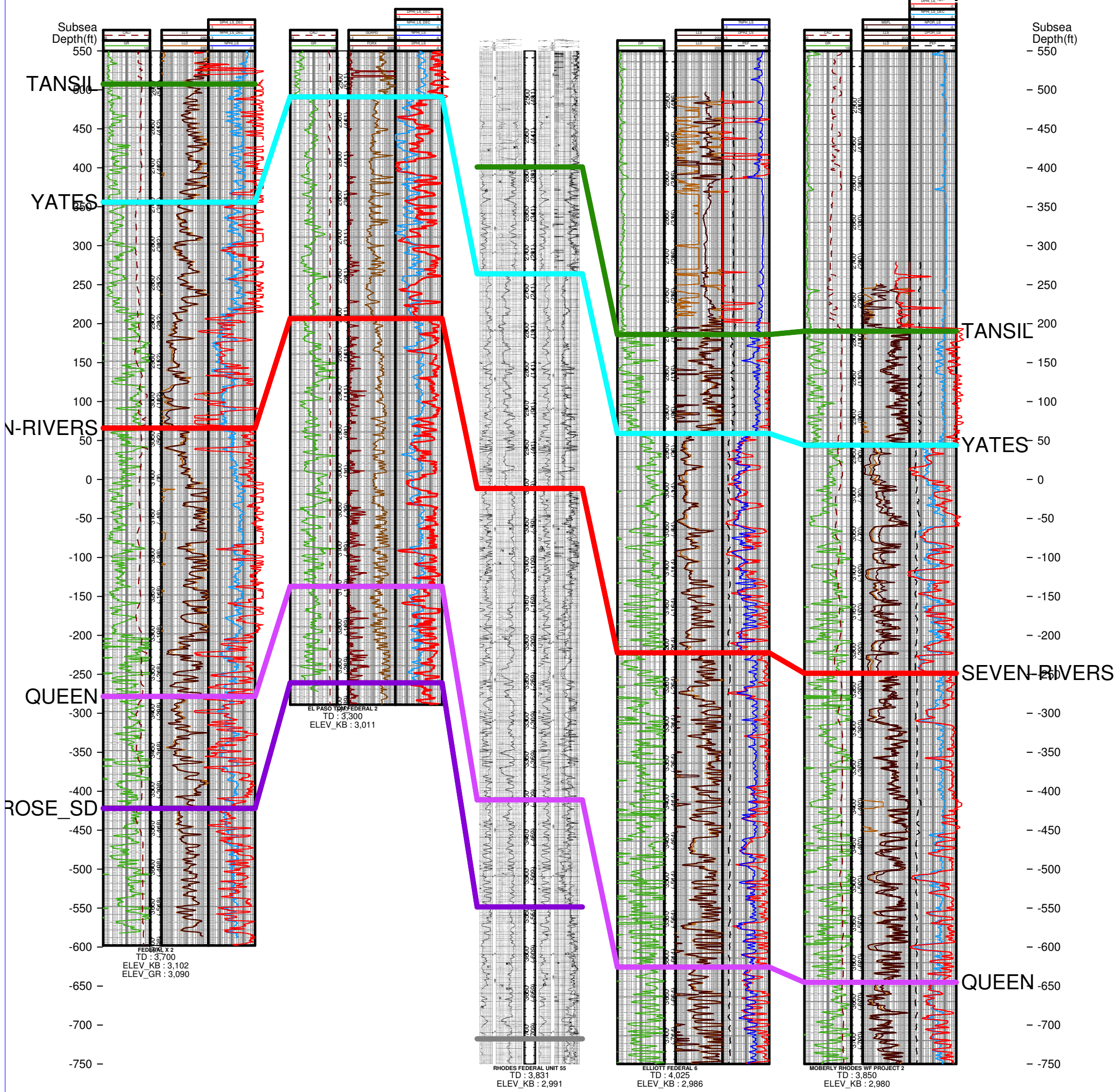
EL PASO TOM FEDERAL 2
SPUD_DATE : 3/29/1980
T25S R37E S33

RHODES FEDERAL UNIT 55
SPUD_DATE : 6/29/2001
T26S R37E S5

ELLIOTT FEDERAL 6
SPUD_DATE : 7/13/1998
T26S R37E S17

MOBERLY RHODES WF PROJECT 2
SPUD_DATE : 4/3/1994
T26S R37E S21

B'





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

October 05, 2021

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

RE: EAST OF JAL

Enclosed are the results of analyses for samples received by the laboratory on 09/29/21 11:40.

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/ga/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, V3)

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

Method SM 9223-B	Total Coliform and E. coli (Colilert MMO-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,

Celey D. Keene
Lab Director/Quality Manager



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: EAST OF JAL Project Number: NONE GIVEN Project Manager: JAMES MARTINEZ Fax To:	Reported: 05-Oct-21 14:17
--------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------	------------------------------

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
31 BUCKLE LN RESIDENCE- 32.137	H212702-01	Water	28-Sep-21 09:00	29-Sep-21 11:40
303 S. WILLIS RD- MARTIN 32.0726	H212702-02	Water	28-Sep-21 09:30	29-Sep-21 11:40
BT LANHART BAT - PRODUCED	H212702-03	Water	28-Sep-21 10:00	29-Sep-21 11:40
CARLSON A BAT - PRODUCED	H212702-04	Water	28-Sep-21 10:15	29-Sep-21 11:40

Cardinal Laboratories

*=Accredited Analyte

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Analytical Results For:

FORTY ACRES ENERGY 11777 KATY FREEWAY STE. 305 B HOUSTON TX, 77079	Project: EAST OF JAL Project Number: NONE GIVEN Project Manager: JAMES MARTINEZ Fax To:	Reported: 05-Oct-21 14:17
--------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------	------------------------------

**31 BUCKLE LN RESIDENCE- 32.137172-103.147540
H212702-01 (Water)**

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

Cardinal Laboratories

Inorganic Compounds

Chloride*	600		4.00	mg/L	1	1092909	AC	29-Sep-21	4500-Cl-B	
TDS*	2660		5.00	mg/L	1	1092310	AC	30-Sep-21	160.1	

**31 Buckle Lane
Residential
Water Supply Well**

Cardinal Laboratories

*=Accredited Analyte

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Analytical Results For:

FORTY ACRES ENERGY 11777 KATY FREEWAY STE. 305 B HOUSTON TX, 77079	Project: EAST OF JAL Project Number: NONE GIVEN Project Manager: JAMES MARTINEZ Fax To:	Reported: 05-Oct-21 14:17
--------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------	------------------------------

303 S. WILLIS RD- MARTIN 32.072644-103.140920

H212702-02 (Water)

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

Cardinal Laboratories

Inorganic Compounds

Chloride*	92.0		4.00	mg/L	1	1092909	AC	29-Sep-21	4500-Cl-B	
TDS*	684		5.00	mg/L	1	1092310	AC	30-Sep-21	160.1	

**303 S. Willis Road
Residential
Water Supply Well**

Cardinal Laboratories

*=Accredited Analyte

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Analytical Results For:

FORTY ACRES ENERGY 11777 KATY FREEWAY STE. 305 B HOUSTON TX, 77079	Project: EAST OF JAL Project Number: NONE GIVEN Project Manager: JAMES MARTINEZ Fax To:	Reported: 05-Oct-21 14:17
--------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------	------------------------------

BT LANHART BAT - PRODUCED

H212702-03 (Water)

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

Cardinal Laboratories

Inorganic Compounds

Chloride*	91000		4.00	mg/L	1	1092909	AC	29-Sep-21	4500-Cl-B	
TDS*	155000		5.00	mg/L	1	1092907	AC	30-Sep-21	160.1	

**BT LANEHART BATTERY:
 32.118749°,-103.168826°
 Produced Water Sample**

Cardinal Laboratories

*=Accredited Analyte

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Analytical Results For:

FORTY ACRES ENERGY 11777 KATY FREEWAY STE. 305 B HOUSTON TX, 77079	Project: EAST OF JAL Project Number: NONE GIVEN Project Manager: JAMES MARTINEZ Fax To:	Reported: 05-Oct-21 14:17
--------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------	------------------------------

CARLSON A BAT - PRODUCED

H212702-04 (Water)

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

Cardinal Laboratories

Inorganic Compounds

Chloride*	15600		4.00	mg/L	1	1092909	AC	29-Sep-21	4500-Cl-B	
TDS*	35800		5.00	mg/L	1	1092907	AC	30-Sep-21	160.1	

**CARLSON A BATTERY:
 32.110152°, -103.143242°
 Produced Water Sample**

Cardinal Laboratories

*=Accredited Analyte

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Analytical Results For:

FORTY ACRES ENERGY 11777 KATY FREEWAY STE. 305 B HOUSTON TX, 77079	Project: EAST OF JAL Project Number: NONE GIVEN Project Manager: JAMES MARTINEZ Fax To:	Reported: 05-Oct-21 14:17
--------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------	------------------------------

Inorganic Compounds - Quality Control
Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch 1092310 - Filtration

Blank (1092310-BLK1)		Prepared: 23-Sep-21 Analyzed: 27-Sep-21								
TDS	ND	5.00	mg/L							
LCS (1092310-BS1)		Prepared: 23-Sep-21 Analyzed: 27-Sep-21								
TDS	268		mg/L	300		89.3	80-120			
Duplicate (1092310-DUP1)		Source: H212639-04		Prepared: 23-Sep-21 Analyzed: 27-Sep-21						
TDS	920	5.00	mg/L		946			2.79	20	

Batch 1092907 - Filtration

Blank (1092907-BLK1)		Prepared: 29-Sep-21 Analyzed: 04-Oct-21								
TDS	ND	5.00	mg/L							
LCS (1092907-BS1)		Prepared: 29-Sep-21 Analyzed: 30-Sep-21								
TDS	253		mg/L	300		84.3	80-120			
Duplicate (1092907-DUP1)		Source: H212702-03		Prepared: 29-Sep-21 Analyzed: 30-Sep-21						
TDS	152000	5.00	mg/L		155000			1.89	20	

Batch 1092909 - General Prep - Wet Chem

Blank (1092909-BLK1)		Prepared & Analyzed: 29-Sep-21								
Chloride	ND	4.00	mg/L							
LCS (1092909-BS1)		Prepared & Analyzed: 29-Sep-21								
Chloride	96.0	4.00	mg/L	100		96.0	80-120			

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Analytical Results For:

FORTY ACRES ENERGY 11777 KATY FREEWAY STE. 305 B HOUSTON TX, 77079	Project: EAST OF JAL Project Number: NONE GIVEN Project Manager: JAMES MARTINEZ Fax To:	Reported: 05-Oct-21 14:17
--------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------	------------------------------

Inorganic Compounds - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch 1092909 - General Prep - Wet Chem

LCS Dup (1092909-BSD1)				Prepared & Analyzed: 29-Sep-21						
Chloride	100	4.00	mg/L	100		100	80-120	4.08	20	
Duplicate (1092909-DUP1)				Prepared & Analyzed: 29-Sep-21						
Chloride	60.0	4.00	mg/L		60.0			0.00	20	
Matrix Spike (1092909-MS1)				Prepared & Analyzed: 29-Sep-21						
Chloride	160	4.00	mg/L	100	60.0	100	80-120			

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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

Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

BILL TO

ANALYSIS REQUEST

Company Name: Forty Acres Energy P.O. #: _____
 Project Manager: James Moore Company: _____
 Address: _____ Attn: _____
 City: Houston State: TX Zip: _____
 Phone #: 806-420-8278 Fax #: _____
 Project #: _____ Project Owner: _____
 Project Name: Erstog TAD City: _____ State: _____ Zip: _____
 Project Location: _____ Phone #: _____
 Sampler Name: _____ Fax #: _____
 FOR LAB USE ONLY

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX							PRESERV	SAMPLING	DATE	TIME	TDS	CL
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:						
<u>H212702</u>	<u>1</u>	<u>31 Buckle Lane Residence</u>	<u>X</u>	<u>X</u>								<u>9/28/21</u>	<u>9 A.M.</u>	<u>✓</u>	<u>✓</u>	
	<u>2</u>	<u>303 S. Willis Road - Marsh</u>	<u>X</u>	<u>X</u>								<u>9/28/21</u>	<u>9:30AM</u>	<u>✓</u>	<u>✓</u>	
	<u>3</u>	<u>BT Lankart Bat - Producer</u>										<u>9/28/21</u>	<u>10 A.M.</u>	<u>✓</u>	<u>✓</u>	
	<u>4</u>	<u>Carlson A Bat - Producer</u>										<u>9/28/21</u>	<u>10:15AM</u>	<u>✓</u>	<u>✓</u>	

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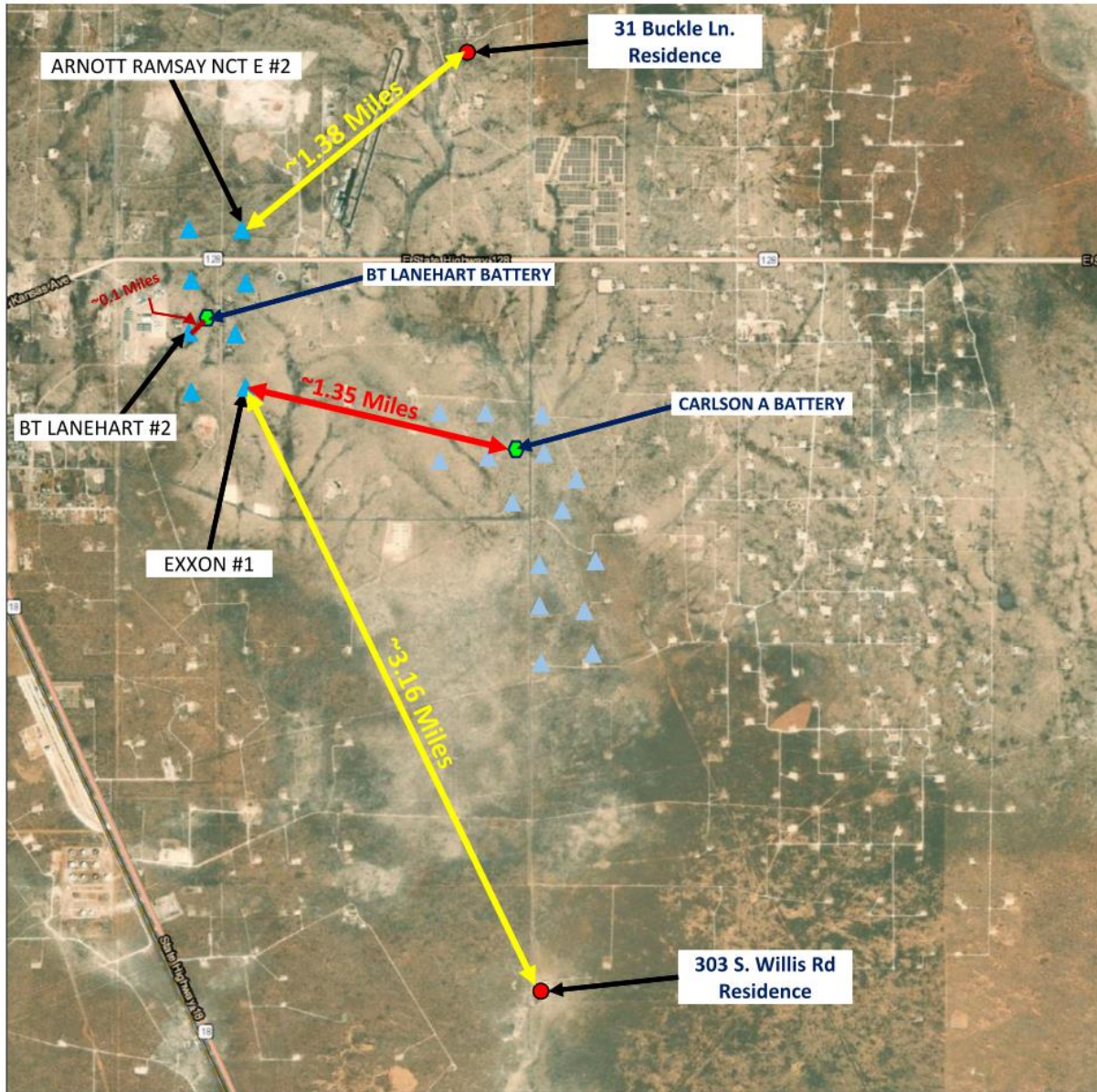
Relinquished By: _____ Received By: James Moore
 Date: 9-29-21 Time: 1140
 Relinquished By: _____ Received By: _____

Observed Temp. °C: 20.7 Sample Condition: Intact CHECKED BY: _____ (Initials)
 Corrected Temp. °C: 20.2 Cool Intact: Yes No: No
 Turnaround Time: _____ Standard ✓ Rush ✗ Bacteria (only) ✓ Sample Condition Intact
 Thermometer ID #113 0.52 72.1 Cool Intact Yes No: No Observed Temp. °C: _____
 Correction Factor None 72.1 No: No Corrected Temp. °C: _____

Verbal Result: Yes No Add'l Phone #: _____
 All Results are emailed. Please provide Email address: _____
 REMARKS: James@faenergy.us.com

FOR CARDINAL USE ONLY: _____
 † Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com

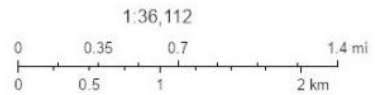
Fresh Water & Injection Water Sample Locations



5/26/2022, 1:08:11 PM

SiteBoundaries

▲ C-108 Injector



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

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

**APPLICATION OF FAE II OPERATING, LLC
TO CONVERT PRODUCING WELLS AND/OR DRILL NEW
INJECTION WELLS FOR WATERFLOOD
OPERATIONS, LEA COUNTY, NEW MEXICO**

CASE NO. 23711

SELF-AFFIRMED STATEMENT OF VANESSA NEAL

1. I am over 18 years of age and am competent to provide this Self-Affirmed Statement. I have personal knowledge of the matters addressed herein. I am the Sr Reservoir Engineer for FAE II Operating, LLC (“FAE”). I am familiar with the Application filed by FAE in this case and with the engineering matters pertaining to this Application. I have previously testified before the New Mexico Oil Conservation Division (“Division”). A copy of my curriculum vitae is attached as **Exhibit C-1**.

2. FAE’s application seeks an order: (1) authorizing FAE to convert and/or drill its Aztec #001, Exxon #001, Arnott Ramsay NCT E #002 and #013, and B T Lanehart #002, #003, #012 and #013 (“Yates Wells”) from producers to injectors within the Yates project area (“Yates Project”) of the South Jal Unit (“Unit”) as proposed in Statutory Unitization CASE NO. 23712 in the Yates formation located in Sections 16 and 21, Township 25 South, Range 37 East, Lea County, New Mexico; (2) authorizing FAE to convert and/or drill its Alston #004, #005, #006, #007, and #008, Carlson A #001, #004, and #005, Harrison #001, Harrison Federal #005 and #006, and Henry #003, #005, #006, and #008 (“Queen Wells”) from producers to injectors within the Queen project area (“Queen Project”) of the Unit in the Queen formation located in Sections 22, 23, 26 and 27, Township 25 South, Range 37 East, Lea County, New Mexico; (3) authorizing FAE to convert its Moberly Rhodes WF Project #004, #006, and #010 (“Moberly Wells”) from producers to injectors within the Moberly project area (“Moberly Project”) of the

Unit in the Yates and Seven Rivers formations located in Sections 20 and 21, Township 26 South, Range 37 East, Lea County, New Mexico; and (4) authorizing FAE to convert additional wells within the Unit from producers to injectors administratively.

3. The “unitized interval” was defined in Unit documentation as the Yates, Seven Rivers, and Queen formations, which has a depth of 2,635’ MD and 3,563’ MD, respectively, in Western Natural Gas Company’s Dabbs #001 (re-entered and renamed to Dabbs #004 (API:30-025-11887) in January, 1997) well (located at 1650 feet FNL and 660 feet FWL of Section 34, T-25-S, R-37-E, Lea County, New Mexico) as recorded on the Schlumberger Electrical Log taken on August 14, 1957, said log being measured from a Kelly Bushing elevation of 3,025 feet above sea level.

(1) YATES PROJECT

4. The legal locations and injection intervals of the wells (“Yates Wells”) pertaining to this application are as follows:

Well Name (API)	Location within T25S-R37E	Injection interval
Exxon #001 (API 30-025-09779)	1979 FSL and 1983 FEL (Unit J) S21-T25S-R37E	2862-3181'
Arnott Ramsay NCT E #002 (API 30-025-11612)	655 FSL and 1972 FEL (Unit O) S16-T25S-R37E	2850-3153'
B T Lanehart #003 (API 30-025-11682)	660 FNL and 1980 FWL (Unit C) S21-T25S-R37E	2850-3091'
Aztec #001 (API 30-025-11686)	1972 FSL and 1977 FWL (Unit K) S21-T25S-R37E	2939-3100'
B T Lanehart #002 (API 30-025-11687)	1980 FNL and 1980 FWL (Unit F) S21-T25S-R37E	2850-3250'
Arnott Ramsay NCT E #013 (API 30-025-xxxxx)	636 FSL and 2005 FWL (Unit N) S16-T25S-R37E	2850-3250'
B T Lanehart #012 (API 30-025-xxxxx)	1987 FNL and 2065 FEL (Unit G) S21-T25S-R37E	2850-3250'
B T Lanehart #013 (API 30-025-xxxxx)	684 FNL and 1939 FEL (Unit B) S21-T25S-R37E	2850-3250'

5. Produced water will be injected into the unitized interval found at the depth interval of 2,635' MD and 3,563' MD as shown in the Dabbs #004 (API:30-025-11887) well log for the purpose of increasing the ultimate recovery of oil within the interval underlying the Unit area.

6. Specifications and wellbore schematics for the Yates Wells are provided at pages 5-15 of Form C-108. All injection wells will be adequately equipped for injection, and the construction of the wells will protect fresh water and other hydrocarbon-bearing zones.

7. Logging and test data for the Yates Wells are provided at pages 70-72 of Form C-108.

8. The proposed average injection pressure through the Yates Wells is expected to be approximately 350 psi. The expected maximum injection pressure will be calculated relative to the depth of the highest perforation, using a factor of 0.25 psi/ft. The proposed Yates Wells will have perforation depths between approximately 2850' and 3250' (or 713 psi and 813 psi maximum injection pressure, respectively). Pending results of a step rate test, the maximum injection pressure could potentially be increased to a factor of 0.6 psi/ft (or 1710 psi at 2850' and 1950 psi at 3250').

9. The proposed average injection rate is expected to be approximately 600 barrels of water per day. The maximum daily injection rate will be 1,500 barrels of water per day or as permitted by the Division.

10. FAE proposes to acidize the injectors with 1,500 gals 15% NEFE HCl for each set of perforations. Based on my professional training and experience, it is my professional opinion that acidizing each set of well perforations will break down well perforations and cause injection at lower pressures to maximize injection rates. The injectors will not be sand frac'd to allow for better vertical conformance and areal sweep.

11. **Exhibit C-2** depicts the rate at which production has declined within the Yates Project from approximately 12 bopd in the early 2000s to 1 bopd in 2020 before all oil producers were shut-in. Based on my professional training and experience, it is my opinion that the wells in the

area will be plugged and abandoned without the introduction of secondary recovery through injection wells.

12. **Exhibit C-3** contains an Incremental Production and Economic Summary of the Yates Project. The exhibit shows an economic comparison of continuing operations under current conditions with no additional injection support as opposed to increasing secondary recovery operations within the Yates Project. It is my opinion that commencing injection operations within the Yates Wells would result in an incremental Estimated Ultimate Recovery (EUR) increase of approximately 1.56 MMbbl of oil.

13. It is my opinion that injection operations within the Yates Project are economically and technically feasible and that it is prudent to utilize secondary recovery operations to maximize oil recovery. It is also my opinion that the proposed conversion and/or drilling of the Yates Wells from producers to injectors for waterflood operations is not premature.

14. FAE will run an MIT test prior to commencing injection and will monitor pressure during injection.

(2) QUEEN PROJECT

15. The legal locations and injection intervals of the wells (“Queen Wells”) pertaining to this application are as follows:

Well Name (API)	Location within T25S-R37E	Injection interval
Carlson A #001 (API 30-025-11697)	330 FSL and 957 FEL (Unit P) S22-T25S-R37E	3200-3327'
Harrison #001 (API 30-025-11702)	360 FSL and 330 FWL (Unit M) S23-T25S-R37E	3100-3347'
Henry #003 (API 30-025-11788)	336 FSL and 342 FWL (Unit M) S26-T25S-R37E	3125-3325'
Alston #004 (API 30-025-11801)	2311 FNL and 1665 FWL (Unit F) S26-T25S-R37E	3025-3341'
Harrison Federal #005 (API 30-025-xxxxx)	1415 FSL and 2375 FEL (Unit J) S22-T25S-R37E	3000-4000'

Harrison Federal #006 (API 30-025- xxxxx)	1355 FSL and 950 FEL (Unit I) S22-T25S-R37E	3000-4000
Carlson A #004 (API 30-025- xxxxx)	255 FSL and 2325 FEL (Unit O) S22-T25S-R37E	3000-4000
Carlson A #005 (API 30-025- xxxxx)	1365 FSL and 330 FWL (Unit L) S23-T25S-R37E	3000-4000
Alston #005 (API 30-025-xxxxxx)	962 FNL and 336 FEL (Unit A) S27-T25S-R37E	3000-4000'
Alston #006 (API 30-025- xxxxx)	137 FNL and 1210 FWL (Unit D) S26-T25S-R37E	3000-4000
Alston #007 (API 30-025- xxxxx)	1174 FNL and 960 FWL (Unit D) S26-T25S-R37E	3000-4000
Alston #008 (API 30-025- xxxxx)	2360 FNL and 212 FWL (Unit E) S26-T25S-R37E	3000-4000
Henry #005 (API 30-025- xxxxx)	1709 FSL and 212 FWL (Unit L) S26-T25S-R37E	3000-4000
Henry #006 (API 30-025- xxxxx)	1562 FSL and 1321 FWL (Unit K) S26-T25S-R37E	3000-4000
Henry #008 (API 30-025- xxxxx)	507 FSL and 1555 FWL (Unit N) S26-T25S-R37E	3000-4000

16. Produced water will be injected into the unitized interval found at the depth interval of 2,635' MD and 3,563' MD as shown in the Dabbs #004 (API:30-025-11887) well log for the purpose of increasing the ultimate recovery of oil within the interval underlying the Unit area.

17. Specifications and wellbore schematics for the Queen Wells are provided at pages 6-14 of Form C-108. All injection wells will be adequately equipped for injection, and the construction of the wells will protect fresh water and other hydrocarbon-bearing zones.

18. Logging and test data for the Queen Wells are provided at pages 78-79 of Form C-108.

19. The proposed average injection pressure through the Queen Wells is expected to be approximately 500 psi. The expected maximum injection pressure will be calculated relative to the depth of the highest perforation, using a factor of 0.25 psi/ft. The proposed Queen Wells will have perforation depths between approximately 3000' and 4000' (or 750 psi and 1000 psi maximum injection pressure, respectively). Pending results of a step rate test, the maximum injection pressure could potentially be increased to a factor of 0.6 psi/ft (or 1800 psi at 3000' and 2400 psi at 4000').

20. The proposed average injection rate is expected to be approximately 600 barrels of water per day. The maximum daily injection rate will be 1,500 barrels of water per day or as permitted by the Division.

21. FAE proposes to acidize the injectors with 1,500 gals 15% NEFE HCl for each set of perforations. Based on my professional training and experience, it is my professional opinion that acidizing each set of well perforations will break down well perforations and cause injection at lower pressures to maximize injection rates. The injectors will not be sand frac'd to allow for better vertical conformance and areal sweep.

22. **Exhibit C-4** depicts the rate at which production has declined within the Queen Project from approximately 13 bopd in the early 2000s to 1 bopd in 2020 before all oil producers were shut-in. Based on my professional training and experience, it is my opinion that the wells in the area will be plugged and abandoned without the introduction of secondary recovery through injection wells.

23. **Exhibit C-5** contains an Incremental Production and Economic Summary of the Queen Project. The exhibit shows an economic comparison of continuing operations under current conditions with no additional injection support as opposed to increasing secondary recovery operations in the Queen Wells within the Queen Project. It is my opinion that commencing injection operations within the Queen Wells would result in an incremental Estimated Ultimate Recovery (EUR) increase of approximately 1.56 MMbbl of oil.

24. It is my opinion that injection operations within the Queen Project are economically and technically feasible and that it is prudent to utilize secondary recovery operations to maximize oil recovery. It is also my opinion that the proposed conversion and/or drilling of the Queen Wells from producers to injectors for waterflood operations is not premature.

25. FAE will run an MIT test prior to commencing injection and will monitor pressure during injection.

(3) MOBERLY PROJECT

26. The legal locations and injection intervals of the wells (“Moberly Wells”) pertaining to this application are as follows:

Well Name (API)	Location within T26S-R37E	Injection interval
Moberly Rhodes WF Project #010 (API 30-025-12019)	1980 FSL and 660 FEL (Unit I) S20-T26S-R37E	2950-3302'
Moberly Rhodes WF Project #006 (API 30-025-12023)	1980 FSL and 1980 FWL (Unit K) S21-T26S-R37E	2925-3298'
Moberly Rhodes WF Project #004 (API 30-025-23456)	1990 FSL and 2084 FEL (Unit J) S21-T26S-R37E	3100-3321'

27. Produced water will be injected into the unitized interval found at the depth interval of 2,635’ MD and 3,563’ MD as shown in the Dabbs #004 (API:30-025-11887) well log for the purpose of increasing the ultimate recovery of oil within the interval underlying the Unit area.

28. Specifications and wellbore schematics for the Moberly Wells are provided at pages 5-10 of Form C-108. All injection wells will be adequately equipped for injection, and the construction of the wells will protect fresh water and other hydrocarbon-bearing zones.

29. Logging and test data for the Moberly Wells are provided at pages 35-36 of Form C-108.

30. The proposed average injection pressure through the Moberly Wells is expected to be approximately 425 psi. The expected maximum injection pressure will be calculated relative to the depth of the highest perforation, using a factor of 0.25 psi/ft. The proposed Moberly Wells will have perforation depths between approximately 2925’ and 3325’ (or 731 psi and 831 psi maximum injection pressure, respectively). Pending results of a step rate test, the maximum injection pressure could potentially be increased to a factor of 0.6 psi/ft (or 1755 psi at 2925’ and 1995 psi at 3325’).

31. The proposed average injection rate is expected to be approximately 600 barrels of water per day. The maximum daily injection rate will be 1,500 barrels of water per day or as permitted by the Division.

32. FAE proposes to acidize the injectors with 1,500 gals 15% NEFE HCl for each set of perforations. Based on my professional training and experience, it is my professional opinion that acidizing each set of well perforations will break down well perforations and cause injection at lower pressures to maximize injection rates. The injectors will not be sand frac'd to allow for better vertical conformance and areal sweep.

33. **Exhibit C-6** depicts the rate at which production has declined within the Moberly Project from approximately 175 bopd in 1978 to 1 bopd in 2017 before all oil producers were shut-in. Based on my professional training and experience, it is my opinion that the wells in the area will be plugged and abandoned in the absence of additional injection wells.

34. **Exhibit C-7** contains an Incremental Production and Economic Summary of the Moberly Project. The exhibit shows an economic comparison of continuing operations under current conditions with no additional injection support as opposed to increasing secondary recovery operations in the Moberly Wells within the Moberly Project. It is my opinion that commencing injection operations within the Moberly Wells would result in an incremental Estimated Ultimate Recovery (EUR) increase of approximately 600 Mbbbl of oil.

35. It is my opinion that injection operations within the Moberly Project are economically and technically feasible and that it is prudent to utilize secondary recovery operations to maximize oil recovery. It is also my opinion that the proposed conversion and/or drilling of the Moberly Wells from producers to injectors for waterflood operations is not premature.

36. For clarification, FAE is requesting approval to inject into the pools and formations stated above. However, FAE is requesting future injection approvals be approved administratively for all

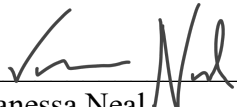
pools and formations within the proposed Unitized Interval as defined above.

37. FAE will run an MIT test prior to commencing injection and will monitor pressure during injection.

38. The exhibits referenced above were either prepared by me or under my supervision or were compiled from company business records.

39. In my opinion, the granting of FAE's application would serve the interests of conservation, the prevention of waste, and the protection of correlative rights.

40. I understand this Self-Affirmed Statement will be used as written testimony in this case. I affirm that my testimony in paragraphs 1 through 38 above is true and correct and is made under penalty of perjury under the laws of the State of New Mexico. My testimony is made as of the date handwritten next to my signature below.



Vanessa Neal

9/25/2023

Date

VANESSA GLASS NEAL

979-255-3476 • Houston, TX • vanessa.g.neal@gmail.com

RESERVOIR ENGINEER ADVISOR

Motivated reservoir engineer of integrity with 15+ years experience delivering value to E&P operators in the oil industry. Demonstrated history of servant leadership with excellent interpersonal skills. Proven record of managing projects from concept to completion, building relationships and coaching young professionals to success. Confident hands-on problem solver focused on developing opportunities that further organizational goals.

WORK EXPERIENCE

FORTY ACRES ENERGY LLC

SEPT 2020 – PRESENT

Sr Reservoir Engineer

Houston, TX

- Lead subsurface team in development planning, implementation, surveillance and optimization of multiple waterflood fields in the Central Basin Platform (CBP). Capital projects are identified for improving sweep efficiency and evaluated based on economics. Recommendations are presented to management for approval.
- Reserve management of ~900 wells between two independent entities. Forecast proven developed producing (PDP) reserves of 750+ wells using decline curve analysis (DCA) in PHDWin. Create typecurves for future waterflood development and capture economic value in proven developed non-producing (PDNP), probable (2P) and possible (3P) forecasts. Represent company in annual third-party audits and mid-year bank reviews.
- Manage workover portfolio and plan rig schedule based on capital restrictions and project lead time.
- Collaborate with Land and Legal teams for unitization of two proposed EOR units. Present technical review, development plan, estimated reserves, capital costs and economics of proposed units in BLM/SLO area and depth meetings, working interest owners meeting and NMOCD hearings. Testify as Reservoir Engineering Expert Witness in NMOCD hearings.

SETHLANS ENERGY LLC

MAR – SEPT 2020

Founder | Managing Director | Reservoir Engineer Consultant

Houston/San Antonio, TX

- Collaborated on an interdisciplinary team to evaluate international assets in a \$1.4 Billion acquisition. Generated economic forecasts for 265 wells using DCA in PHDWin database. Conducted technical assessment of portfolio assets provided in virtual data room (VDR), identified upside potential of 9.6 MMBO reserves.
- Directed thermal waterflood development plan for shallow heavy oil field in East Texas with expected 25% incremental secondary recovery. Designed waterflood pilot including waterflood pattern, injector locations, and setting target injection rates. Injection increased field oil production 500% and reduced watercut 13%.

APACHE CORPORATION

NOV 2010 – MAR 2020

Reservoir Engineer III – North American Unconventional Resources

San Antonio, TX

- Led asset teams to increase internal communication and cooperation. Broke down silo walls and united subsurface team in development plans and recommendations. Directed technical team analysis of innovative ways to optimized horizontal well development by altering well spacing, wellbore orientation and completion design. Reduced development costs by 50%, minimized offset frac hits, reduced well hit recovery time from 4 months to 2 weeks, and increased individual well reserves up to 43%.
- Modeled horizontal wells in Harmony and CMG. Used rate-transient analysis (RTA) to estimate minimum drainage areas of hydraulically fraced wells. Anchored DCA to simulated forecasts. Audited economics in ARIES and ran sensitivities with planning group. Generated type-curves for Delaware Basin exploration in shale gas plays with high-yield condensate. Populated inventory with Tier I, II, and III well locations.
- Evaluated offsetting Delaware Basin acreage for pending land deals. Analyzed public data of surrounding acreage to estimate initial rates, reserves, development costs and overall value of assets.

Reservoir Engineer II, III – Improved Recovery

Houston, TX

- Conducted technical assessments of existing assets in company's portfolio through reservoir simulation. Modeled fields to optimize mature and develop immature waterfloods. Investigated historical performance and prompted field (re)development scenarios in Egypt, North Sea, Permian Basin (Midland & Central Basin Platform), Anadarko Basin, and the Gulf of Mexico (GOM) Shelf and State Waters. Prepared technical reports of asset assessments and presented optimization projects totaling 82.5 MMBO incremental reserves.
- Directed Apache's 2018 Summer Field Engineering Intern Program for 16 petroleum engineers. Piloted office engineering mentor program and made return offer recommendations. Supported 2014-2017 Summer Engineering Intern Programs. Utilized Excel/VBA to streamline ranking process, reducing manager selection meetings length from more than 6 hours down to 2 hours.

- Mentored and trained rotating engineers and interns in various modeling software, waterflood evaluation, field development and forecasting. Guided them in individual project evaluation and optimization planning.
- Assessed the effects of longitudinal and transverse hydraulic fractures on a horizontal producer in an Egyptian waterflooded field. Showcased optimum location for supporting injectors with Eclipse.

Reservoir Engineer I – Engineering Development Program Houston/Midland, TX

- Planned development of Midland Basin field to maximize potential based on reservoir drainage and permeability trends. Gained approval to drill five locations and upgrade facilities, total EUR 400 MBO, 2.1 BCF and 350 MBNGL.
- Utilized ARIES to perform economic evaluation on workover and recompletion projects in Argentina fields. Forecasted base line production using DCA in ARIES database for annual budget planning.
- Evaluated economics of a GOM Deepwater prospect on open acreage and recommended bid for upcoming lease sale. Apache was high bidder and was awarded the block.
- Performed technical lookback on infill drilling program in mature Permian waterflood field to identify reason(s) for economic failure. Identified reason for economic failure and proposed recommendations for correction. Executed projects with 287 MBO incremental reserves.

MARINER ENERGY INC JUL 2007 – NOV 2010

Associate Production Engineer Houston, TX

- Managed production of multiple offshore fields on the Eastern GOM Shelf. Identified severe paraffin issues and implemented routine well and pipeline maintenance programs which resulted in 200 BOPD increased production and 2,000 BWIPD increased salt-water disposal (SWD) capacity.
- Evaluated behind pipe potential within an interdisciplinary asset team to identify capital and LOE projects. Prepared procedures, AFEs, and oversaw workovers and recompletions to increase production 300 BOPD.

BAKER HUGHES INTEQ JUL 2006 – JUN 2007

MWD Operator III Broussard, LA

- Traveled to onshore and offshore rigs to operate downhole logging and measurement tools while drilling (LWD/MWD). Prioritized safety while in the field to avoid injuries and reduce lost time incidents (LTI). Decoded tool signals to provide clients with real-time downhole conditions and logs while drilling.
- Developed MS Excel calculator for MWD battery-powered tools which increased accuracy of battery life tracker, reduced premature tripping and prevented data loss from battery power expiration.

EDUCATION & CERTIFICATIONS

PMP, PROJECT MANAGEMENT INSTITUTE 2020

- PMP Number: 2804053
- Project Management Institute – Houston Chapter, Member

MBA, UNIVERSITY OF HOUSTON 2018

- Concentration: Leadership Development, Global Management and Human Resources Management
- C.T. Bauer College of Business Dean's Award for Academic Excellence
- National Association of Women MBAs, Member

B.S. OF PETROLEUM ENGINEER, TEXAS A&M UNIVERSITY 2006

- Society of Petroleum Engineers, Student Member

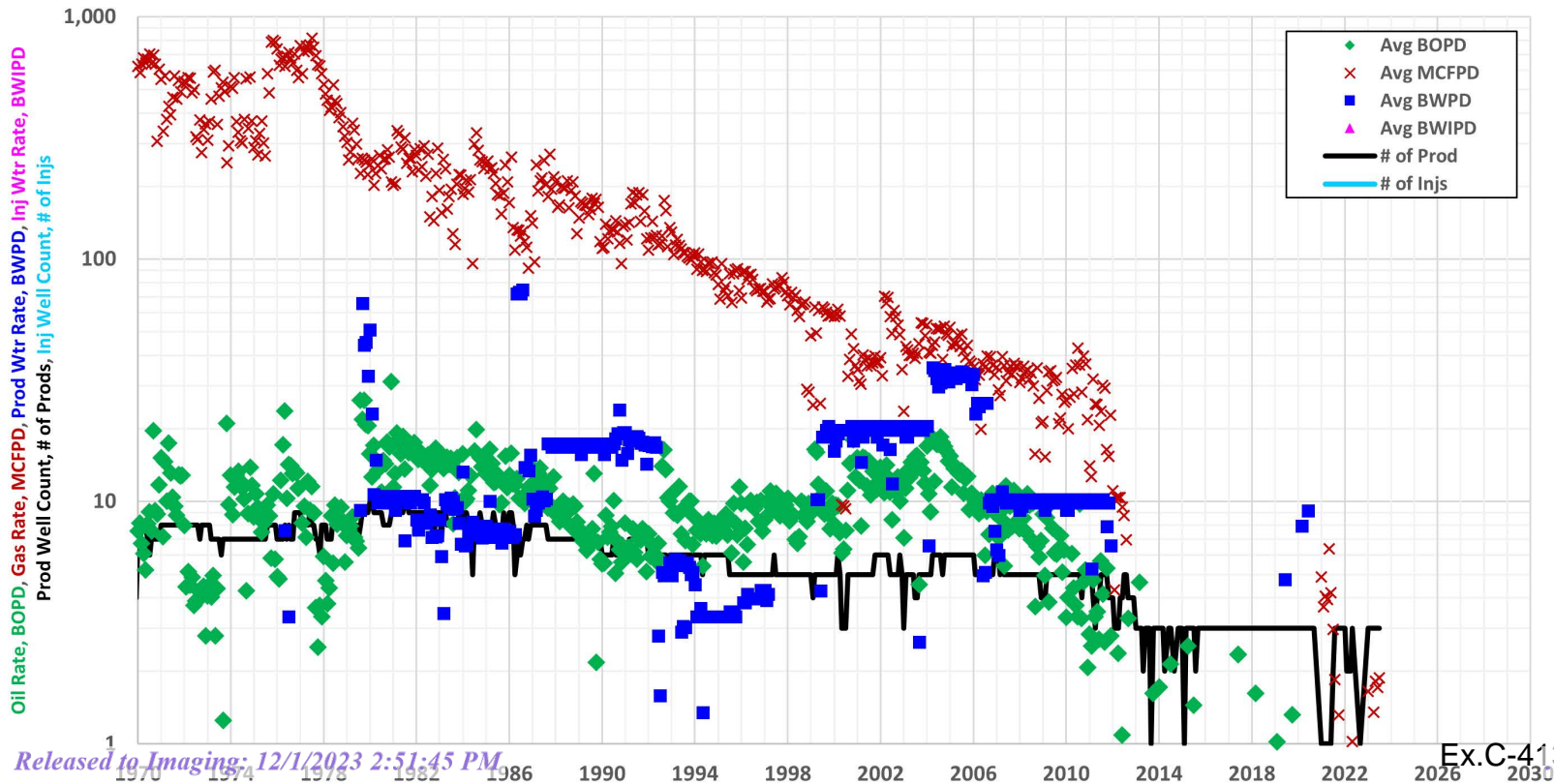
TECHNICAL SKILLS

- ARIES ▪ PHDWin ▪ IHS Enerdeq ▪ OFM ▪ Harmony (Fekete) ▪ Expert Witness ▪ MS Office Suite (VBA) ▪ Eclipse ▪ Petrel RE ▪ tNavigator ▪ Reservoir Grail ▪ 3DSL Streamline Surveillance ▪ MBAL ▪ Spotfire ▪

PUBLICATIONS & PRESENTATIONS

- *Improving Waterflood Efficiency by Understanding Pressure Boundaries and Balancing Patterns.* InSite EEGS Suez University Student Chapter Magazine, Feb 2021.
- *Basic Concepts on Waterfloods.* SPE Beirut Section Webinar, 29 Jul 2020.
- *The Role of Surveillance Plots in Diagnosing Waterfloods.* SPE The Way Ahead Magazine, 29 Apr 2020.
- *The Effects of Longitudinal and Transverse Hydraulic Fractures on Horizontal Wells in a Waterflood Setting.* ATF: Apache's Technical Forum, 2014.

YATES Project Historical Production



Date : 09/07/2023 1:37:09PM

ECONOMIC SUMMARY PROJECTION

SJU YATES WF PILOT

Project Name : FAE II Op LLC_WORKING
 Partner : Default
 Case Type : REPORT BREAK TOTAL CASE

As Of Date : 07/01/2023
 Discount Rate (%) : 10.00
 Custom Selection

Cum Oil (Mbbbl) : 0.00
 Cum Gas (MMcf) : 0.00
 Cum NGL (Mbbbl) : 0.00

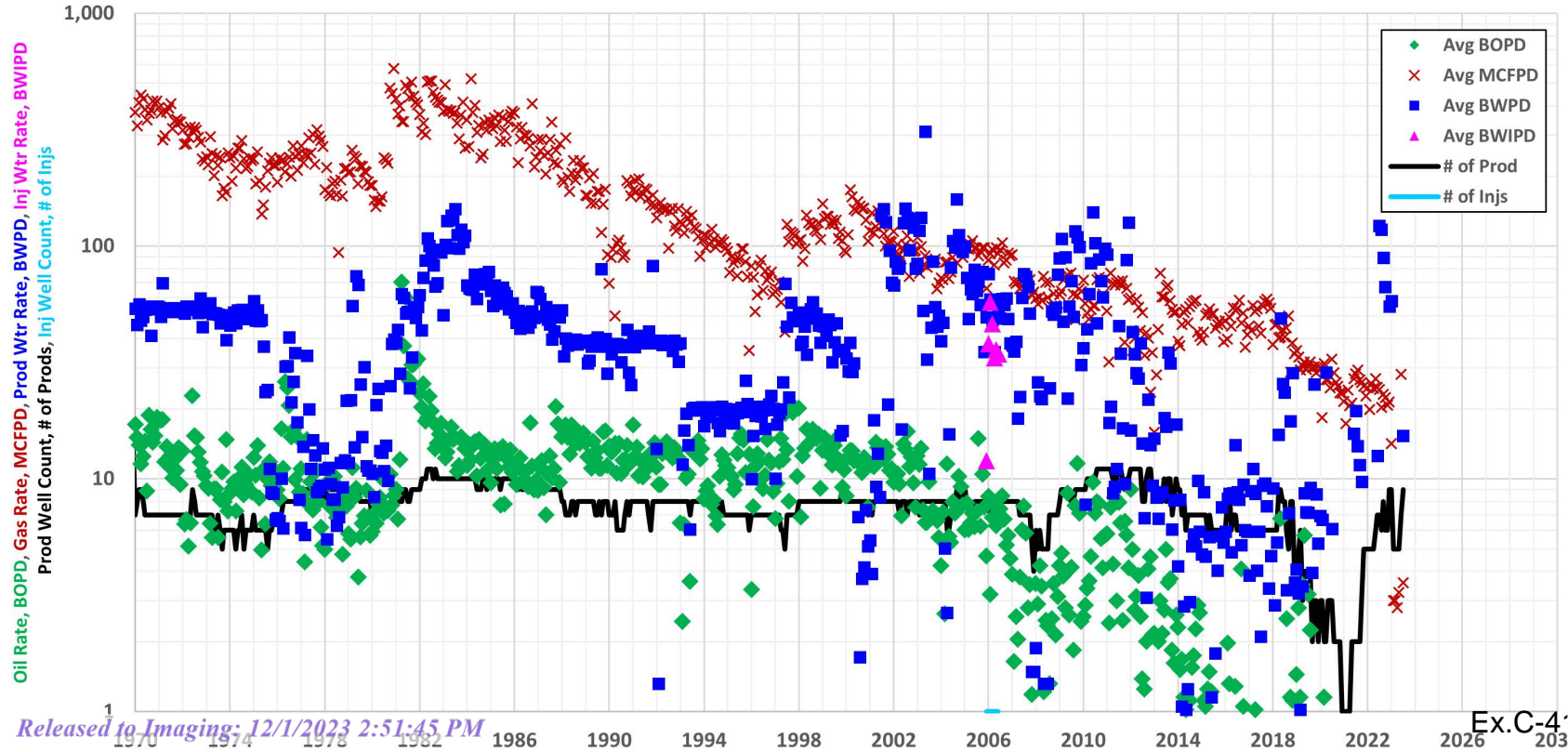
Year	Gross Oil (Mbbbl)	Gross Gas (MMcf)	Gross NGL (Mbbbl)	Net Oil (Mbbbl)	Net Gas (MMcf)	Net NGL (Mbbbl)	Oil Price (\$/bbl)	Gas Price (\$/Mcf)	NGL Price (\$/bbl)	Total Revenue (M\$)
2023	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2024	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2025	8.77	2.19	0.27	7.63	1.18	0.23	70.85	0.88	31.52	548.80
2026	214.99	53.75	6.56	187.05	28.99	5.71	66.86	1.10	29.80	12,708.07
2027	159.03	39.76	4.85	138.36	21.45	4.22	63.61	1.04	28.41	8,943.58
2028	118.91	29.73	3.63	103.46	16.04	3.16	63.61	1.04	28.41	6,687.38
2029	94.61	23.65	2.89	82.31	12.76	2.51	63.61	1.04	28.41	5,320.32
2030	78.73	19.68	2.40	68.50	10.62	2.09	63.61	1.04	28.41	4,427.72
2031	67.43	16.86	2.06	58.67	9.09	1.79	63.61	1.04	28.41	3,792.16
2032	59.12	14.78	1.80	51.44	7.97	1.57	63.61	1.04	28.41	3,324.98
2033	52.39	13.10	1.60	45.58	7.06	1.39	63.61	1.04	28.41	2,946.04
2034	47.14	11.78	1.44	41.01	6.36	1.25	63.61	1.04	28.41	2,650.88
2035	42.85	10.71	1.31	37.28	5.78	1.14	63.61	1.04	28.41	2,409.54
2036	39.37	9.84	1.20	34.26	5.31	1.04	63.61	1.04	28.41	2,214.33
2037	36.24	9.06	1.11	31.53	4.89	0.96	63.61	1.04	28.41	2,038.06
Rem	540.63	135.16	16.49	470.36	72.91	14.35	63.61	1.04	28.41	30,403.26
Total	1,560.21	390.05	47.59	1,357.44	210.40	41.40	64.10	1.05	28.62	88,415.13
Ult	1,560.21	390.05	47.59							

Year	Well Count	Net Tax Production (M\$)	Net Tax AdValorem (M\$)	Net Investment (M\$)	Net Lease Costs (M\$)	Net Well Costs (M\$)	Other Costs (M\$)	Net Profits (M\$)	Annual Cash Flow (M\$)	Cum Disc. Cash Flow (M\$)
2023	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2024	0.00	0.00	0.00	8,529.13	0.00	0.00	0.00	0.00	-8,529.13	-7,554.10
2025	7.00	43.90	8.23	0.00	10.80	0.00	0.00	0.00	485.86	-7,168.57
2026	8.00	1,016.65	190.62	0.00	69.12	0.00	0.00	0.00	11,431.68	1,414.76
2027	8.00	715.49	134.15	0.00	69.12	0.00	0.00	0.00	8,024.82	6,910.02
2028	8.00	534.99	100.31	0.00	69.12	0.00	0.00	0.00	5,982.96	10,631.84
2029	8.00	425.63	79.80	0.00	69.12	0.00	0.00	0.00	4,745.57	13,314.40
2030	8.00	354.22	66.42	0.00	69.12	0.00	0.00	0.00	3,937.97	15,337.58
2031	8.00	303.37	56.88	0.00	69.12	0.00	0.00	0.00	3,362.79	16,908.00
2032	8.00	266.00	49.87	0.00	69.12	0.00	0.00	0.00	2,939.99	18,155.90
2033	8.00	235.68	44.19	0.00	69.12	0.00	0.00	0.00	2,597.04	19,157.84
2034	8.00	212.07	39.76	0.00	69.12	0.00	0.00	0.00	2,329.93	19,974.99
2035	8.00	192.76	36.14	0.00	69.12	0.00	0.00	0.00	2,111.52	20,648.22
2036	8.00	177.15	33.21	0.00	69.12	0.00	0.00	0.00	1,934.85	21,208.96
2037	8.00	163.05	30.57	0.00	69.12	0.00	0.00	0.00	1,775.33	21,676.65
Rem.		2,432.26	456.05	314.88	2,453.13	0.00	0.00	0.00	24,746.93	2,708.90
Total		7,073.21	1,326.23	8,844.01	3,293.37	0.00	0.00	0.00	67,878.31	24,385.55

Present Worth Profile (M\$)

Disc. Initial Invest. (M\$) :	7,554.102	PW 7.00% :	31,249.72
ROI Investment (disc/undisc) :	4.23 / 8.96	PW 8.00% :	28,667.90
Years to Payout :	3.19	PW 9.00% :	26,397.58
Internal ROR (%) :	69.11	PW 10.00% :	24,385.55
		PW 15.00% :	16,998.79
		PW 20.00% :	12,302.74

Queen Project Historical Production



Date : 09/07/2023 11:44:54AM

ECONOMIC SUMMARY PROJECTION

SJU QUEEN WF PILOT

Project Name : FAE II Op LLC_WORKING
 Partner : Default
 Case Type : REPORT BREAK TOTAL CASE

As Of Date : 07/01/2023
 Discount Rate (%) : 10.00
 Custom Selection

Cum Oil (Mbbbl) : 0.00
 Cum Gas (MMcf) : 0.88
 Cum NGL (Mbbbl) : 0.00

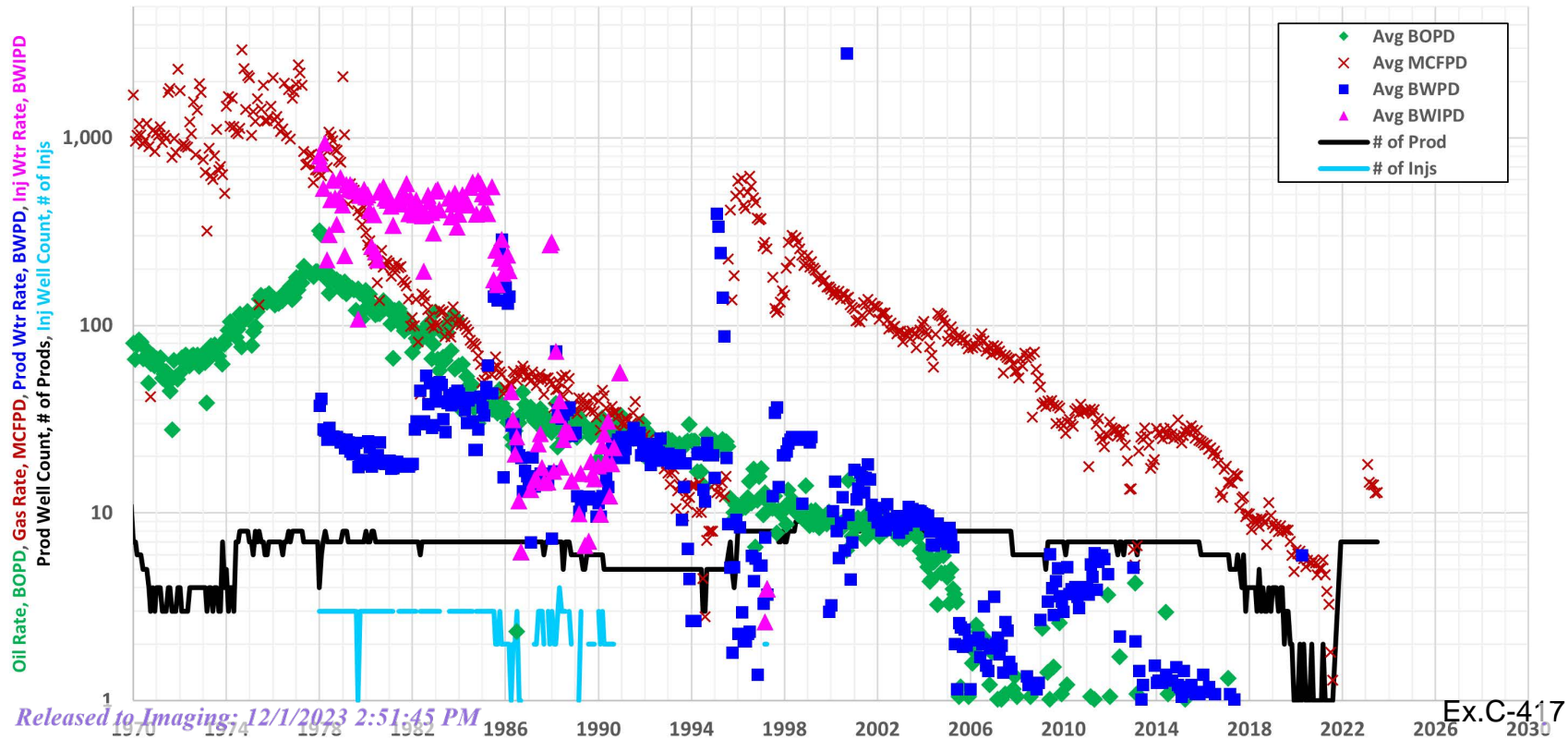
Year	Gross Oil (Mbbbl)	Gross Gas (MMcf)	Gross NGL (Mbbbl)	Net Oil (Mbbbl)	Net Gas (MMcf)	Net NGL (Mbbbl)	Oil Price (\$/bbl)	Gas Price (\$/Mcf)	NGL Price (\$/bbl)	Total Revenue (M\$)
2023	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2024	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2025	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2026	173.08	43.27	5.28	150.59	23.34	4.59	66.86	1.10	29.80	10,230.95
2027	174.53	43.63	5.32	151.85	23.54	4.63	63.61	1.04	28.41	9,815.01
2028	127.36	31.84	3.88	110.81	17.18	3.38	63.61	1.04	28.41	7,162.38
2029	99.91	24.98	3.05	86.93	13.47	2.65	63.61	1.04	28.41	5,618.91
2030	82.40	20.60	2.51	71.69	11.11	2.19	63.61	1.04	28.41	4,633.77
2031	70.12	17.53	2.14	61.00	9.46	1.86	63.61	1.04	28.41	3,943.22
2032	61.19	15.30	1.87	53.23	8.25	1.62	63.61	1.04	28.41	3,440.95
2033	54.01	13.50	1.65	46.99	7.28	1.43	63.61	1.04	28.41	3,037.56
2034	48.46	12.11	1.48	42.16	6.54	1.29	63.61	1.04	28.41	2,725.23
2035	43.94	10.99	1.34	38.23	5.93	1.17	63.61	1.04	28.41	2,471.21
2036	40.30	10.08	1.23	35.06	5.43	1.07	63.61	1.04	28.41	2,266.49
2037	37.03	9.26	1.13	32.22	4.99	0.98	63.61	1.04	28.41	2,082.57
Rem	549.22	137.30	16.75	477.84	74.07	14.57	63.61	1.04	28.41	30,886.42
Total	1,561.56	390.39	47.63	1,358.61	210.58	41.44	63.97	1.05	28.56	88,314.66
Ult	1,561.56	391.26	47.63							

Year	Well Count	Net Tax Production (M\$)	Net Tax AdValorem (M\$)	Net Investment (M\$)	Net Lease Costs (M\$)	Net Well Costs (M\$)	Other Costs (M\$)	Net Profits (M\$)	Annual Cash Flow (M\$)	Cum Disc. Cash Flow (M\$)
2023	2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2024	2.00	0.00	0.00	750.03	0.00	0.00	0.00	0.00	-750.03	-652.64
2025	2.00	0.00	0.00	10,502.02	0.00	0.00	0.00	0.00	-10,502.02	-9,651.46
2026	13.00	818.48	153.46	0.00	96.48	0.00	0.00	0.00	9,162.53	-2,850.90
2027	13.00	785.20	147.23	0.00	112.32	0.00	0.00	0.00	8,770.27	3,156.43
2028	13.00	572.99	107.44	0.00	112.32	0.00	0.00	0.00	6,369.63	7,119.39
2029	13.00	449.51	84.28	0.00	112.32	0.00	0.00	0.00	4,972.80	9,930.55
2030	13.00	370.70	69.51	0.00	112.32	0.00	0.00	0.00	4,081.24	12,027.49
2031	13.00	315.46	59.15	0.00	112.32	0.00	0.00	0.00	3,456.29	13,641.67
2032	13.00	275.28	51.61	0.00	112.32	0.00	0.00	0.00	3,001.74	14,915.83
2033	13.00	243.00	45.56	0.00	112.32	0.00	0.00	0.00	2,636.67	15,933.10
2034	13.00	218.02	40.88	0.00	112.32	0.00	0.00	0.00	2,354.01	16,758.73
2035	13.00	197.70	37.07	0.00	112.32	0.00	0.00	0.00	2,124.12	17,435.99
2036	13.00	181.32	34.00	0.00	112.32	0.00	0.00	0.00	1,938.85	17,997.91
2037	13.00	166.61	31.24	0.00	112.32	0.00	0.00	0.00	1,772.41	18,464.84
Rem.		2,470.91	463.30	486.21	3,986.34	0.00	0.00	0.00	23,479.66	2,646.20
Total		7,065.17	1,324.72	11,738.25	5,318.34	0.00	0.00	0.00	62,868.17	21,111.04

Present Worth Profile (M\$)

Disc. Initial Invest. (M\$) :	9,651.465	PW 7.00% :	27,737.59
ROI Investment (disc/undisc) :	3.19 / 6.59	PW 8.00% :	25,242.58
Years to Payout :	3.71	PW 9.00% :	23,050.71
Internal ROR (%) :	53.35	PW 10.00% :	21,111.04
		PW 15.00% :	14,035.42
		PW 20.00% :	9,607.98

Moberly Project Historical Production



Date : 09/07/2023 2:55:16PM

ECONOMIC SUMMARY PROJECTION

SJU MOBERLY WF PILOT

Project Name : FAE II Op LLC_WORKING
 Partner : Default
 Case Type : REPORT BREAK TOTAL CASE

As Of Date : 07/01/2023
 Discount Rate (%) : 10.00
 Custom Selection

Cum Oil (Mbbbl) : 0.00
 Cum Gas (MMcf) : 0.00
 Cum NGL (Mbbbl) : 0.00

Year	Gross Oil (Mbbbl)	Gross Gas (MMcf)	Gross NGL (Mbbbl)	Net Oil (Mbbbl)	Net Gas (MMcf)	Net NGL (Mbbbl)	Oil Price (\$/bbl)	Gas Price (\$/Mcf)	NGL Price (\$/bbl)	Total Revenue (M\$)
2023	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2024	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2025	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2026	46.54	11.64	1.42	40.50	6.28	1.24	66.86	1.10	29.80	2,751.24
2027	75.75	18.94	2.31	65.90	10.21	2.01	63.61	1.04	28.41	4,259.71
2028	53.76	13.44	1.64	46.77	7.25	1.43	63.61	1.04	28.41	3,023.04
2029	41.53	10.38	1.27	36.13	5.60	1.10	63.61	1.04	28.41	2,335.33
2030	33.91	8.48	1.03	29.50	4.57	0.90	63.61	1.04	28.41	1,907.11
2031	28.66	7.17	0.87	24.94	3.87	0.76	63.61	1.04	28.41	1,611.91
2032	24.89	6.22	0.76	21.65	3.36	0.66	63.61	1.04	28.41	1,399.58
2033	21.89	5.47	0.67	19.04	2.95	0.58	63.61	1.04	28.41	1,230.78
2034	19.58	4.89	0.60	17.03	2.64	0.52	63.61	1.04	28.41	1,100.89
2035	17.71	4.43	0.54	15.41	2.39	0.47	63.61	1.04	28.41	995.83
2036	16.21	4.05	0.49	14.10	2.19	0.43	63.61	1.04	28.41	911.48
2037	14.87	3.72	0.45	12.93	2.00	0.39	63.61	1.04	28.41	836.09
Rem	219.17	54.79	6.68	190.69	29.56	5.82	63.61	1.04	28.41	12,325.63
Total	614.45	153.61	18.74	534.59	82.86	16.31	63.86	1.04	28.52	34,688.61
Ult	614.45	153.61	18.74							

Year	Well Count	Net Tax Production (M\$)	Net Tax AdValorem (M\$)	Net Investment (M\$)	Net Lease Costs (M\$)	Net Well Costs (M\$)	Other Costs (M\$)	Net Profits (M\$)	Annual Cash Flow (M\$)	Cum Disc. Cash Flow (M\$)
2023	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2024	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2025	0.00	0.00	0.00	2,393.33	0.00	0.00	0.00	0.00	-2,393.33	-2,020.33
2026	3.00	220.10	41.27	0.00	17.28	0.00	0.00	0.00	2,472.59	-208.32
2027	3.00	340.78	63.90	0.00	25.92	0.00	0.00	0.00	3,829.12	2,415.23
2028	3.00	241.84	45.35	0.00	25.92	0.00	0.00	0.00	2,709.93	4,101.49
2029	3.00	186.83	35.03	0.00	25.92	0.00	0.00	0.00	2,087.55	5,281.69
2030	3.00	152.57	28.61	0.00	25.92	0.00	0.00	0.00	1,700.02	6,155.20
2031	3.00	128.95	24.18	0.00	25.92	0.00	0.00	0.00	1,432.86	6,824.41
2032	3.00	111.97	20.99	0.00	25.92	0.00	0.00	0.00	1,240.70	7,351.06
2033	3.00	98.46	18.46	0.00	25.92	0.00	0.00	0.00	1,087.93	7,770.81
2034	3.00	88.07	16.51	0.00	25.92	0.00	0.00	0.00	970.38	8,111.16
2035	3.00	79.67	14.94	0.00	25.92	0.00	0.00	0.00	875.31	8,390.25
2036	3.00	72.92	13.67	0.00	25.92	0.00	0.00	0.00	798.97	8,621.80
2037	3.00	66.89	12.54	0.00	25.92	0.00	0.00	0.00	730.74	8,814.31
Rem.		986.05	184.88	118.08	919.92	0.00	0.00	0.00	10,116.69	1,105.91
Total		2,775.09	520.33	2,511.41	1,222.32	0.00	0.00	0.00	27,659.46	9,920.22

Present Worth Profile (M\$)

Disc. Initial Invest. (M\$) :	2,020.327	PW 7.00% :	12,702.26
ROI Investment (disc/undisc) :	5.91 / 12.56	PW 8.00% :	11,654.28
Years to Payout :	3.49	PW 9.00% :	10,734.22
Internal ROR (%) :	94.18	PW 10.00% :	9,920.22
		PW 15.00% :	6,947.54
		PW 20.00% :	5,077.66

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
September 12, 2023
and ending with the issue dated
September 12, 2023.



Publisher

Sworn and subscribed to before me this
12th day of September 2023.



Business Manager

My commission expires
January 29, 2027

(Seal) **STATE OF NEW MEXICO**
NOTARY PUBLIC
GUSSIE RUTH BLACK
COMMISSION # 1087528
COMMISSION EXPIRES 01/29/2027

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 publication has been made.

The State of New Mexico through its Oil Conservation Division hereby gives notice pursuant to law and the Rules and Regulations of the Division. These hearings will be conducted remotely on October 5, 2023 at 8:15 a.m. To participate in the electronic hearing, see the instructions posted on the OCD Hearings website: OCD.Hearings@emnrd.nm.gov. Nonetheless, to stay informed as to any changes for hearing procedures you should consult the OCD website for further instructions. You are not required to attend these hearings, but as an owner of an interest or offset operator that may be affected, you may appear and present testimony. Failure to appear at the time and become a party of record will preclude you from challenging these applications at a later time. If you intend to attend the hearing and present testimony or evidence, you must enter your appearance and serve the Division, counsel for the Applicant, and other parties with a pre-hearing statement at least four business days before the scheduled hearing date in accordance with Division Rule 1211.

STATE OF NEW MEXICO:
All named parties and persons
having any right, title, interest
or claim in the following case
and notice to the public.

(NOTE: All land descriptions herein refer to the New Mexico Principal Meridian whether or not so stated.)

OCD CASE: 23711

This is to notify all interested parties, including: Bettis Boyle & Stovall, Inc.; Bureau Of Land Management State Of New Mexico; BXP Operating, LLC; Chisos Ltd; Deep Wells Ranch; DK Boyd; Fulfer Oil & Cattle LLC; Johnny Owen; LEACO Operating, LLC; Legacy Reserves Operating, LP (Revenir Enrgy); Lillian Lanehart; Providence Energy Servs Inc.-Kelton Op Corp; State Land Office; Willis Family Trust and the New Mexico State Land Office, and their heirs, successors, and assigns, that the New Mexico Oil Conservation Division will conduct a hearing on an application submitted by FAE II Operating LLC.

Applicant seeks an order approving an enhanced oil recovery project (secondary and tertiary recovery) in the South Jal Unit Area by the injection of water and gas into the Yates-Seven Rivers-Queen formation in wells located on approximately 19,369.77 acres of federal, state, and fee lands located in Lea County that include all or parts of: Township 25 South, Range 36 East – Sections 13, 24-26, 36; Township 25 South, Range 37 East – Sections 15, 16, 18, 19, 21-23, 26-28, 30-35; Township 26 South, Range 37 East – Sections 3-10, 15-23, 29, 32. Applicant proposes to convert, reactivate, or drill the following wells:

Queen Formation Existing Wells to be Converted to Injection Wells	
Carlson A #1 (API: 30-025-11697) Section 22-25S-37E 957' FNL 330' FSL	Henry #3 (API: 30-025-11788) Section 26-25S-37E 342' FWL 336' FSL
Harrison #1 (API: 30-025-11702) Section 22-25S-37E 330' FNL 360' FSL	Alston #4 (API: 30-025-11801) Section 26-25S-37E 2,311' FNL 1,665' FWL

Queen Formation New Injection Wells	
Alston #5 Section 27-25S-37E 962' FNL 336' FEL	Alston #6 Section 26-25S-37E 137' FNL 1,210' FWL
Alston #7 Section 26-25S-37E 1,174' FNL 960' FWL	Alston #8 Section 26-25S-37E 2,360' FNL 212' FWL

Carlson A #4 Section 22-25S-37E 2,325' FEL 255' FSL	Carlson A#5 Section 23-25S-37E 330' FWL 1,365' FSL
Harrison Federal #5 Section 22-25S-37E 2,375' FEL 1,415' FSL	Harrison Federal #6 Section 22-25S-37E 950' FEL 1,1355' FSL
Henry #5 Section 26-25S-37E 1,709' FSL 212' FWL	Henry #6 Section 26-25S-37E 1,562' FSL 1,321' FWL
Henry #8 Section 26-25S-37E 507' FSL 1,555' FWL	

Queen Formation Existing Injection Well to be Reactivated	
Harrison Federal #002 (API: 30-02S-11690) Section 22-25S-37E 2,308' FSL 956' FEL	

Yates Formation Existing Wells to be Converted to Injection Wells	
Exxon #1 (API: 30-02S-09779) Section 21-25S-37E 1,983' FEL 1,979' FSL	Arnott Ramsay NCT E #2 (API: 30-02S-11612) Section 16-25S-37E 1,972' FEL 655' FSL
B T Lanehart #3 (API: 30-02S-11682) Section 21-25S-37E 1,980' FWL 660' FNL	Aztec #1 (API: 30-02S-11686) Section 21-25S-37E 1,972' FSL 1,977' FWL
B T Lanehart #2 (API: 30-02S-11687) Section 21-25S-37E 1,980' FNL 1,980' FWL	

Yates Formation New Injection Wells	
B T Lanehart #12 Section 21-25S-37E 1,987' FNL 2,065' FEL	B T Lanehart #13 Section 21-25S-37E 684' FNL 1,939' FEL
Arnott Ramsay NCT E #13 Section 16-25S-37E 636' FSL 2,005' FWL	

Moberly Rhodes; Yates-Seven Rivers Existing Wells to be Converted to Injection Wells	
Moberly Rhodes WF Project #10 (API: 30-02S-12019) Section 20-26S-37E 1,980' FSL 660' FEL	Moberly Rhodes WF Project #16 (API: 30-02S-12023) Section 21-26S-37E 1,980' FSL 1,980' FWL
Moberly Rhodes WF Project #4 (API: 30-02S-12019) Section 21-26S-37E 1,990' FSL 2,084' FEL	

Applicant seeks authorization to include additional injection wells within the project administratively. Applicant also seeks to qualify the project 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 regulations. The project area is centered approximately 2.25 miles South of Jal, New Mexico.

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
September 13, 2023
and ending with the issue dated
September 13, 2023.



Publisher

Sworn and subscribed to before me this
13th day of September 2023.



Business Manager

My commission expires
January 29, 2027

(Seal) STATE OF NEW MEXICO
NOTARY PUBLIC
GUSSIE RUTH BLACK
COMMISSION # 1087526
COMMISSION EXPIRES 01/29/2027

67116330

00282624

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 publication has been made.

JOANN GALLEGOS
PADILLA LAW FIRM, P.A.
PO BOX 2523
SANTA FE, NM 87504

WEDNESDAY, SEPTEMBER 13, 2023

HOBBS NEWS-SUN 15

LEGAL LEGAL LEGAL LEGAL LEGAL LEGAL LEGAL LEGAL

LEGAL NOTICE
September 13, 2023

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

The State of New Mexico through its Oil Conservation Division hereby gives notice pursuant to law and the Rules and Regulations of the Division. These hearings will be conducted remotely on October 5, 2023 at 9:15 a.m. To participate in the electronic hearing, see the instructions posted on the OCD Hearings website: OCD.Hearings@emrmd.nm.gov. Nonetheless, to stay informed as to any changes for hearing procedures you should consult the OCD website for further instructions. You are not required to attend these hearings, but as an owner of an interest or offset operator that may be affected, you may appear and present testimony. Failure to appear at the time and become a party of record will preclude you from challenging these applications at a later time. If you intend to attend the hearing and present testimony or evidence, you must enter your appearance and serve the Division, counsel for the Applicant, and other parties with a pre-hearing statement at least four business days before the scheduled hearing date in accordance with Division Rule 1211.

STATE OF NEW MEXICO:

All named parties and persons having any right, title, interest or claim in the following case and notice to the public.

(NOTE: All land descriptions herein refer to the New Mexico Principal Meridian whether or not so stated.)

OGG CASE: 23712

This is to notify all interested parties, including Anna M. Flint; B & E, Inc.; Clara Jane Miller; Cynthia Anne Buschman; Damron Properties, LLC; David Goodfellow; Deborah Anne Bakke; Elisabeth B. Butler, Trustee of the Elisabeth B. Butler Separate Property Declaration of Trust u/d April 18, 1990; Frank Ryburn, Jr.; George R. White; George W. de Vlaming; Irene Fardon Glaister; James N. Seavers, Jr.; Judy C. Lebus; Junia W. Brown; Karen I. Lebus; Katie V. Busby; Kay Janice Hehr Trust-00; Lola Lee Beckham; Lola Lee Beckham, Life Tenant with the remainderman interest to the issue of her body, but if none, to the heirs, then living, of Nora E. Alston; Louise B. Showalter, Trustee of The 1993 Showalter Trust; Mark Chorm; Mariand Employees Royalty Company; Mayme Carson Magarrell; Nancy C. Reel & Helen J. Ehman, JTWRORS; OakStar Investments, Ltd.; Reed Magarrell; Reed Magarrell & India Bell; Richard Alan Raiston, Successor Personal Representative of The Estate of Alan W. Raiston; Robert B. Joyal; Ronnie B. Rowe; Rosco Timmons & Myrtle E. Timmons; Rosco Timmons & Myrtle E. Timmons, Life Tenants with remainderman interest to the issue of their body, but if none, to the heirs, then living, of Nora E. Alston; The Estate of Joseph I. O'Neil, Jr.; The Estate of Madelyn B. Metcalf; The Estate of Nora E. Alston; The Estates of Harry B. Neal, Roy Olley Neal, Marjorie Neal, Harley B. Neal, and Robert Roy Neal; The Hartman Group; Wanda Sprouse; 1st National Bank & Trust Co. of Norman, OK, Trustee for David H. Cordell; A. B. Coates; Alfred R. Thomas, II; Alice N. Robertson; Allie Wilkinson; Ambrose W. Teel and the Estate of Ida M. Teel; American Inland Resources Company, LLC; Anna May Rasmussen; Archy Elkins; Audrey Nell Dawson Joyal; Bessie Ohenstein; Betty Jane Galt Brown; Billie Schroeder; C.M. & Hilda Carlson; Charles Franklin Knight, II; Charles Moorhead; Cyrus Farnsworth; D. L. McRae; David Bond Kyle, Trustee of the David Bond Kyle 1997 Trust; E. C. Higgins; E. D. Osburn; E. G. Hinton; E. T. Anderson, III; Edwin G. Bedford; Elyse S. Patterson; Empire Gas & Fuel Company; Ethel Dawson Hymel; Etta Vivian Brooks, Executrix of the Estate of Lloyd Garringer; Eugene B. Hahn; F. E. Lovers; Gladys G. McSwain Revocable Living Trust; Glenn Salisbury; Gloria Galt; Helen Franklin; Hinton Brothers, Inc.; Hugh Corrigan, III, Trustee of The C. E. Corrigan Trust w/o Patrick Edward Corrigan; J. W. Pauson; Janet Stulling Stone; Janice Stulling Fox; Janie L. Kinkor; Jesse Bell Allen; Jessie Lenore Rogokas; JJV Corporation; Joan Bowen Harmer; Joe E. Ely; John W. Butts; JPMorgan Chase Bank, Midland, Successor Trustee to First City, Texas-Midland N.A.; Manix Royalty; Margaret W. Aurand; Martha A. Patterson; Maxine M. Rogers; Miriam B. Lamphere; Nellie Holder; Provident Energy, Ltd.; R. E. Levers; Ruby S. Crosby & Stanley Crosby; Ruth B. Thomas; Sue Saunders Graham; T. J. Brown; The Robert L. Thompson & Annette M. Thompson Revocable Family Trust; Thelma M. Griffith; Viola Haynes; A. E. Johnson; A. L. Well and/or D. H. Powell; Aegis Holdings, LLC; Aegis Holdings, LLC; Arthur P. Martin; Birdie Slack Investment, LLC o/o Kenneth Lester Slack, Jr.; Bullram Energies, Inc.; Credit Shelter Trust; Dawn Driedger; Deborah Huntley; E. M. Vaughan; El Paso Natural Gas Company; Eulalie Nobles; George Daniel; Helen Joan Holt; J. Burkhardt Beale; J. L. Crump; J. Ruel Armstrong & L. E. Armstrong, Jr.; Jackson Family Limited Partnership; James Gallo, Sr.; Joan Robertson Jones, Trustee of The Joan R. Jones Trust u/d June 6, 2002; Johnson Foundation of the Rockies; Kenneth Wayne Wilson, separate property; Kevin Brian McClenahan; M. W. Coll; Margaret Allard, Trustee; Margaret Parker; Marie McKinnon; Martha Ainsworth; Mary J. Hickey; Metcalfe Oil, LP; Nancy Elizabeth Patterson; North Central Oil Corporation; P. E. Cleland; Pendulum Investment Company; Peter L. Shea; Pogo Producing Company; R. T. Buchanan; Raymond T. Duncan; REMUDA OPERATING CO; Rex A. Goodin; Richard Lyons Moore, Trustee of The Richard Lyons Moore 2006 Trust; RJR Resources; RJS Energy, LLC; Sam Watkins & Florence Watkins; Southwest Royalties, Inc.; T. A. Pedley; The Allar Company; The Elaine Brown Trust; The Estate of Billie E. Buchanan; The Estate of J. A. Rowland; The Estate of James A. Davidson; The Estate of Lottie Lewis Gregory; The Estate of Max Daniel, Deceased; The Estate of Miriam Lamphere Johnson; The Estate of O. G. Murphy; The Estate of R. V. Hyatt; The Estate of Roscoe C. Hobbs; The Estate of Thelma Elston Lowry; Veirs Production Co.; Virginia Priddy; W. C. O'Ferrall; W. Chris Barnhill & Donna M. Barnhill, Co-Trustees of the C & D Barnhill Management Trust; Walter Duncan; 136R, LLC; 1719R, LLC; Adele McFarlane; Alafair Burtler; Alan R. Hannifin; Allie Rose Patricia Galt Steves; Allison Mims Greer; Alma J. McDonald; Alpine Royalties LLC; Alvin Luskey; Amcon Resources, Inc.; American State Bank, Lubbock Texas, Trustee of the Williams Trust dated April 10, 1996 f/b/o MMP; Anderson-Prichard Oil Corp., c/o Margaret Sagan; Andrew Brown; Andrew L. West; Ann D. Allison; Annabell Sweeney Ames; Annabell Sweeney Ames, Trustee of the Edward M. Sweeney Testamentary Trust; Anthony Amsden & Dorothy G. Amsden, Co-Trustees of the Anthony and Dorothy Amsden Trust u/d May 29, 2007; Apache Corporation;

Robertson Lutz, Trustee of The Lutz Family Trust u/d June 12, 1988; MarJam Energy, LLC; Marjo Operating Company, Inc.; Mark A. Hannifin; Mark Daniel; Mark Pittman Marshall; Marshall & Winston, Inc.; Marshall T. Steves & Earl A. Brown, Jr., Co-Trustees of the Edward Galt Trust; Martha Lea Mims Manulik; Martha T. Felder; Mary Beth Kelly Ping; Mary J. McWhorter and James R. McWhorter, Co-Trustees of the Mary J. McWhorter Trust dated 2/17/1995; Mary Jon Bryan; Mary Rachel Headley, as her sole and separate property; Mason Energy Corporation; Matthew Lowrie; Matthew D. Owen, separate property; Matthew Stringer; Mattie Zelma Bullock; Mattie Zelma Bullock; Fay Williams, Doris White, and Pamela Christine Moore, Co-Trustees of the Michael Herd Moore and Pamela Christine Moore Revocable Trust; Memorial Minerals, Inc.; MER Energy, Ltd.; Meredith DeWoody; Meridian Oil, Inc.; Michael Elijah Lambert; Michael Gidwitz; Michael Harrison Moore, Trustee of The Michael Harrison Moore 2006 Trust; Michael Herd Moore and Pamela Christine Moore, Co-Trustees of the Michael Herd Moore and Pamela Christine Moore Revocable Trust; Michael Kurt Chapman; Michael Kyle Leonard; Trustee of The Michael Kyle Leonard Child's Trust; Michael L. Klein; Mid-Continent Petroleum Corporation; Milagro Resources; Miliam Sons Minerals, LLC; Millsbaugh Family Holdings, LLC; Milt Family Trust; Mitchell Minerals, LLC; Moble Y. Garrison; Molly M. Azopardi; Molly M. Azopardi, Trustee of The Molly M. Azopardi Child's Trust; Mountain States Petroleum Corporation; Mrs. Clyde W. Miller; N. C. Dragisic, Trustee; Nathan "Bill" Pearson, Jr.; Nathan "Bill" Pearson, Jr., Domiciliary Foreign Personal Representative of The Estate of Kathleen McMurtry, Dec'd.; Nathan Edward Lambert; National Advisors Trust Company; NCNB Texas National Bank, Trustee of The Paul S. Oles Trust No. 814; Neil H. Willis; Nemesia Asarato Dean; New Mexico Baptist Children's Home, Inc.; New Mexico Boys & Girls Ranch Foundation, Inc.; New Mexico Company, New Mexico Western Minerals, Inc.; Norma Benson; Norma Jean Gryder, Deceased; Northam Corporation; OGX Royalty Fund IV, LP; OJMV1 MINERALS SUB LP; O'Neil Properties, Ltd.; Oscar A. Bourg; Osprey Resources, Inc.; OXY USA WTP, LP; OXY USA, Inc.; P. Edward Corrigan, Trustee of The P. E. Corrigan Power of Appointment Trust; P. L. Duncan; Pacific Enterprises Oil Company; Panoramic Petroleum, Inc.; Patric R. McConn; Patricia Catherine Lackey; Patricia Jane Hottpair Smith; Patrick J. Hannifin; Patrick Leonard, Trustee of The Patrick Leonard Child's Trust; Patsy Hinchey Family Limited Partnership; Paul Watson Leake; Paul J. Sims; Paul Stevenson Oles; Peggy Lanehart Ivy; Permian States Petroleum Corporation; Permian Partners, Inc.; Permco Oil, Inc.; Peter Francis Jones; Peter Hays PH, Inc.; Philip L. Williams; Pilot Water Solutions SWD LLC; Plantation Operating, LLC; Pony Oil Operating, LLC; Priza Energy Resources, LP; Progeny Petroleum, LLC; Prospector, LLC; PROVIDENCE ENERGY SERVICES INC.-KELTON OP CORP; PS Resources LP; Quail Creek Royalty, LLC; R & R Royalty, Ltd.; R. A. McBride, Jr.; R. V. Vanhatten, Jr.; Ralph H. Carrington; Randall Capps; Randy H. McPherson; Randy Lee Cone; RCPXTX, Ltd.; Rebecca Fretwell; Red Harlan Royalties, Ltd.; Red Wing Oil, LLC; Regents of the University of New Mexico o/o University of New Mexico; Revenir Energy Inc.; Ribble Investment; Rica Operating Company; Richard T. Crist & Galin W. Crist; RMP Operating Company; Robert & Maxine Hannifin Trust; Robert E. Byrne, Jr.; Robert E. Patterson; Robert J. Williams; Robert Jackson Kelly, III; Robert Landstorf; Tommy Phipps; Robert Hannifin, and Caryl Cohen; Robert Louis Linnell, Trustee of The Robert Louis Linnell Revocable Trust u/d May 14, 2004; Robert Pledger; Robert R. Wittingham; Robert Roelke; Ronald Mullerax; Rosanna Willemm Denman, Trustee of The Denman Family Living Trust; Rose Knippenberg; Ross Duncan Properties, LLC; Ross Leon Robinson, Jr.; Rubie C. Bell o/o Rubie Crosby Bell Family, LLC; Rubie Crosby Bell Family, LLC; Ruby C. Bowen; Ruby Mae Wilson; separate property; S. E. Cone, Jr.; S. M. Glyod; Sam Wolfson; Sandston Resources, LLC; Santa Fe Minerals, Inc.; Sarah A. Hooker; Julian Andrew Hooker; Amy Kathleen Mont; Sarah C. Vickery; Sarah I. Wright; Scott A. Knight; Scott Family Investments, LLC; Scott M. Brown; SCR Energy Capital, LLC; Sevenways Venture Capital, Ltd.; SH Permian Minerals, LLC - Shannon C. Leonard, Trustee of The Shannon C. Leonard Child's Trust; Sharon Sue Lackey; Shattuck-St. Mary's School; Shelly Luskey, Trustee of The Shelly Luskey Trust; Sherry Darlene Snyder; Shirley J. McDonnold & M. McDonnold, Jr.; Skelly Oil Company; Sky Land & Energy Resources; SLASH EXPLORATION; Source Energy Leasehold, LP; Spirit Trail, LLC; Stacey Haley; Stellar Opportunity Fund, LP; Stephen Ache Ladner; Stephen N. James, separate property; Stavaco LLC; Steven D. Johnson; Stroube Energy Corporation; Sue Snowdy; Sunshine Royalty Company; Susan Elisabeth Bowen; Susan L. Wade; Susan Lamb Griffith; T. Alan White; Tara Rudman Revocable Trust; Tate Byrne Jennings; Taylor C. Gikas; Terrance Scott Blankenship; Texaco Exploration & Production, Inc.; Texas Bank and Trust, Corporate Successor Trustee of The Dr. & Mrs. Watkins Scholarship Trust; Texas Bank and Trust, Successor Trustee of The Estate of Myrtis Watkins; Texas Energy Supply, Inc.; The Alann P. Bedford Trust; The Andrew Brown Trust; The Aurand Company; The Boys & Girls Club of America; The C. Ray Tice & Nan M. Tice Trust; The Carl David Ganz, Jr., Family LLC; The Charles F. Doornbos Revocable Trust u/d August 1, 1990; The David Griswold Revocable Trust u/d August 14, 1998; The David Luskey Exempt Trust; The Deichochis Trust 2161/Harding & Carbono, Inc.; The Diane Woodward-Frost Revocable Living Trust; The Elisabeth B. Butler Trust; The Estate of Margaret Lanehart; The Estate of A. W. Johnson; The Estate of B. T. Lanehart; The Estate of Benjamin Theodore Lanehart; The Estate of Ed Hollyfield; The Estate of J. W. Grant; The Estate of James G. Hames; The Estate of Lewis B. Burleson; The Estate of Mary Josephine Dali; The Estate of Oliver J. Butts, Deceased; The Estate of Randy Harwood; The Estate of Vanda Pruett Hess; The Estate of William Spurrk & The Estate of Vada Spurrk; The Eugene & Shirley Wendel Family Trust; The Frances Georganna Lesniak 2001 Trust; The Frances Georganna Lesniak 2009 Trust; The Greg & Nancy Vance Family Limited Partnership; The H & S Drilling Company; The Harry L. Jones II Trust; The Jal Public Library Fund o/o Gary Don Reagan; The Jessica Ann Furlong 2001 Trust; The Jessie Blevins Crump Family Trust f/b/o David C. Blevins, IV; The Jessie Blevins Crump Family Trust f/b/o Sue Blevins; The Jones Louis Blevins Family Trust; The JWP-MKP Trust; The Kathleen Irwin Schuster Trust; The Kimberly Sue Furlong 2001 Trust; The Kitchel Estate Non-Exempt Trust f/b/o Ward N. Atkins, Jr.; The Kitty Livingston Trust; George C. Livingston, Trustee; The Laman Family Revocable Trust u/d April 8, 2010; The Lewis B. Burleson Trust; The Lucille C. Bates Testamentary; The Lyeth Oil Trust; The Lynne W. Phillips Trust; The Marilyn M. Law Revocable Trust, o/o BOKF; The McDaniel Company; The MR Trust; The Nancy Smith Hurd Foundation; The New Mexico Company; The Nommensen Investment Company; The Paul & Betty Phillips Revocable Trust; The Paul and Betsy Ache Family LP; The Phillip Lyne Williams & Cheryl Ann Williams 2016 Revocable Trust; The Richard B. Lynn 2001 Trust; The Richard B. Lynn 2009 Trust; The Robert B. Mitchell Trust; The Roy G. Barton, Sr., & Opal Barton Revocable Trust; The Ruth G. Pickens Grandchildren's Joint Venture; The Samuel Roberts Noble Foundation a/k/a The Noble

Margaret Sagan; Andrew Brown; Andrew L. West; Ann D. Allison; Annabell Sweeney Ames; Annabell Sweeney Ames; Trustees of the Robert M. Sweeney Testamentary Trust; Anthony Amson & Dorothy C. Amson; Asher Resources; Asset Assurance, LLC; Avinash C. Ahuja, Trustee of The Ahuja Children 2012 Long Term Trust; Bachman Family Partnership; Bandera Minerals, LLC; Bank of America, NA, Trustee of the Billy Easley Trust; Bank of America, NA, Trustee of the Cross Timbers Royalty Trust u/a/d February 12, 1991; Bank of America, NA, Trustee of the Gay Crabb Karger Trust; Bank of America, NA, Trustee of the Helan Crabb Selina Trust; Bank of America, NA, Trustee of the Lawrence E. Karger Trust; Bank of New York & Pater L. Shea, Co-Trustee u/w/o Edward L. Shea; Barbara B. Broeder; Barbara Duke Oil & Gas, LP; Barbara E. Hannifin; Barbara J. Robertson; Barbara Moore Garcia; Barnhart Oil Co.; Barry David Luskey, Individually and as Beneficiary of the The Luskey Living Trust M2; BDT Oil & Gas, LP; Betty L. Claxton; Betty W. Wright; Beverly Bowen Delucia; Big Three Energy Group, LLC; Bill Shedd; Bill Terry; Billie T. Knight; Billy Glenn Spradlin; Black Shale Minerals, LLC; Black Stone Minerals Company LP; Blackstream Caledonian Royalty Partners I, LLC; Blue Fox Royalty Limited Partnership c/o Andrea Singer BNW, Inc.; BNY Mellon; BNY Mellon, NA, Trustee of the Margaret S. Brundrett Trust f/b/o the Donald Walters Non-GST Exempt Trust; Bob White 1998 Mineral Interest Partnership; BOKF, NA, d/b/a Bank of Oklahoma, Successor Trustee of the Newby Foresee Trust; Bonnie R. Whitman; Botan Resources, LLC; Boys & Girls Club of America; BP America Production Company; Braille Institute of America, Inc.; Brazos Limited Partnership; Brent W. McWhorter or Puhl A. McWhorter, Trustees of the McWhorter Living Trust; Brill, LLC; Brooks L. Bash; Bruce Blakemore; Burlington Resources Oil & Gas Company; Burnett Petroleum Company; Capricorn Asset Management Corporation; CapRock Resources, LLC; Carbon Jack, LLC; Carla Beren, Trustee of the Carla Beren Trust; Carole June Damron; Catherine Cole, Trustee of the Max W. Coll, II, Testamentary Trust; Catherine Elizabeth McClennahan; Cathie Auveshine; Cathie Cone Auveshine, Trustee of the Auveshine Children's Testamentary Trust created u/w/o Kathleen Cone; Cathie Cone Auveshine, Trustee of the Kathleen Cone Testamentary Auveshine Children's Trust; Cathy Ganz Johansen Family, LLC; Catolico, LLC; Cecile Marie Dreessen; Chad Barbe; Chance Properties Company; Charles Allen Snure; Charles Kenneth Moore; Charles Koger; Charlotte Jean Bedford Lange, Trustee of the Madeline Alann Peckham Bedford Trust; Charlotte Stewart-Sloan; Chevron USA, Inc.; Chieftan Royalty Company; Chios, Ltd.; Christine Lambert Renz; Christine Lambert Renz; Citron Oil & Gas Corporation; Clare T. Ellis, Jr.; Clarke C. Coll; Clifford Mordhorst; Clydene Oulther; CMG Oil Properties, LLC; Coates Energy Interests, Ltd.; COG Operating, LLC; Community Minerals, LLC; Concho Oil & Gas; ConocoPhillips Company; Craig N. Bash; Greystone Royalty Corporation; Cristin M. Swoboda; Cristina Denton; Cuatro Rojas, LLC; Cynthia L. Guey, Successor Trustee of the Kenneth U. Eakens Revocable Trust u/a/d June 27, 1984; Dan and Colleen Johnson, DBA DC Energy; Dan Mordhorst, Trustee of the Dan Mordhorst Revocable Trust dated 6/30/1997; Dan Wallace Irwin; Daniel Veirs; David A. Lynch; David Curry; David Daniel; David Edmund Joyal; David S. Wright; David W. Robertson; Dabra L. Bischoff; Derek Mordhorst; Devon Energy; Diamond Lift Properties, LLC; Diana Peters; Donald R. Crist & Laura L. Crist; Donna Bergstrom Lanehart, Executor of the Estate of Bruce Frank Lanehart, Deceased; Donna Moore Blystone; Douglas L. Cone, Trustee of the Trusts created u/w/o Kathleen Cone f/b/o The Children of Douglas L. Cone; Doyle Hartman; Duncan M. Cuipepper; E G Energy, LLC; Eddie Lindley; Edmund Ely; Edward Galt Properties Agency c/o Marshall T. Steves & Earl A. Brown, Jr., Agents; Edward T. Dreessen, Jr., & Kathleen G. Dreessen, Co-Trustees of the Edward T. Dreessen, Jr., & Kathleen G. Dreessen Revocable Living Trust u/a/d April 30, 2014; Edwin W. Patterson; Edwina S. Millington; Elisabeth B. Butler; Elizabeth H. Maddux; Betty S. Roberts; John R. Harris, and Charles V. Richter, Co-Trustees d/b/a Coates Energy Trust; Elizabeth L. Loffswold; Elks National Foundation; Elks National Foundation, Trustee of the Benefactor & Protective Order of Elks of the United States of America; Elliott Industries; Elliott-Hall Company; Elyse S. Patterson Trustee, LLC; Endeavor Energy Resources LP; Energex, LLC; Energy Acumen, LLC; Eric J. Coll; Escondido Oil & Gas, LLC; Etz Oil Properties, Ltd.; Evan Pumping Services, Inc.; Exxon Corporation; Farmers National Company, Trustee of The Helen Leonard Bedford Family Trust; Featherstone Development Corporation, Fenix; Final Chapter, LLC; Finley Production Company, LP; Finwing Corporation Retirement Trust; First Roswell Company; Florence M. Moss; Frank Pledger; Frank Seaton; Fred A. Watson, Jr., separate property; Freeman Investments; Frost Bank, Successor Trustee of The Emma Gate Bartlett Trust; Fuller Oil & Cattle Company, LLC; G Y Group, Inc.; G. Hilmer Lundbeck; Gail Beaumont Phillips & Jeffrey Scott Murray, Co-Trustees of The Phillips-Murray Revocable Trust; Gayle Shure Ingle; George A. Moberly & Hayden Moberly; George Etz; George H. Etz, Trustee of The George H. Etz, Sr., Trust; George R. Stein; Georgia K. Clingenpeel, Trustee of The Kerby-Clingenpeel Trust u/a/d August 6, 1993; Giant Oil Company; Giles Energy, Inc.; Gist Mineral Investments, LLC; Glen J. Ellis; Glenn Claxton; Gonzales Royalties, Inc.; Graham Family Investments, LLC; Grasslands Energy, LP; H. L. Dial; Harry Hubbard & Janis Hubbard; Harvey Hill, LLC; Hattie De Viaming; Hazel Margo; HC Royalty Partnership; HDB, LLC; Headington Royalty, Inc.; Herve Trust, LLC; HOU-TEX Exploration, Inc.; Howard Beach; Hugh Corrigan, IV, Trustee of The Power of Appointment Trust f/b/o William E. Corrigan; Hunt Oil Company; Ingrid Powell, Trustee of the C & I Powell Revocable Living Trust u/a/d June 16, 1978; Interestfirst Bank Dallas, N.A., Trustee of The Sabine Royalty Trust; Ira W. Silverman, Trustee of The Tachina Rudman Trust; Isaacs Family Limited Liability Partnership; J G Armstrong Family Minerals LLC; J. J. Joslin; J. Pat Corrigan Family Limited Partnership; J. Patrick Corrigan, Trustee of the C. E. Corrigan Trust f/b/o Hugh Daniels Corrigan; J. S. Levers Oil Company, LLC; J. Steve Anderson, Jr.; J. W. McAfee; J. Walter Duncan, Jr.; Jack Huff Energy, Ltd.; Jack Mussett; Jack's Peak, LLC; James A. Armstrong; James E. Burr; James M. Morey & The R&R Investment Group, Inc., Co-Trustees u/w/o Onez Norman Rooney, c/o D. Craig Story; James M. Morey, Trustee of The Onez N. Rooney Testamentary Trust; James V. Beale, Jr.; James Wm. Akin, Trustee; Janet Fuller Tabler; Janet Lee Beal, Trustee of The Janie E. Kinkor Trust u/w/o Janie Louise Kinkor; Janet Seale Clute; Jayhawk Acquisitions, LLC; Jim Britton; Jimmie W. Eden, Jr. Trust; Joan Miller Ganz & John William Lyttle, Jr., Co-Trustees u/w/o Ida Miller; Joan Miller Ganz, LLC; Joan Robertson Jones; Joe Dan Beach; Joe Hugo; John & Theresa Hillman Family Properties, LP; John E. McConnell, II; John G. Akin, Trustee; John H. Hendrix Corporation; John Howard Fuller; John L. Wright, Jr.; John Parham & Glenna Parham; John Paul Anderson; John R. Norwood Pension Plan; John Special; John V. Coll, II; Jones Louis Blevins Family Trust; Joseph M. Victory; Josephine M. Smith; Joyce Irene Haback; Judith Ritterhouse; June Jensen; K&K Minerals, LLC, c/o Argent Mineral Management, Agent; Kanaly Trust Company; Karen Sue Anderson; Katherine Cone Keck; Katherine Hale; Katherine K. McIntyre; Kathy Stringer Knight; KCOG, LLC; KEC Acquisition Corp.; Kenneth Donald Anderson; Kenneth E. Owen, separate property; Kenneth G. Cone; Kenneth G. Cone, Trustee of the Trusts created u/w/o Kathleen Cone f/b/o the Children of Kenneth G. Cone; Kevin K. Leonard & Molly M. Azopardi, Co-Ancillary Personal Representatives of the Estate of Timothy T. Leonard; Kevin K. Leonard, Trustee of The Kevin K. Leonard Child's Trust; Kirby Minerals; Knox Bemis & Jessica Bemis Ward, Co-Trustees of The Julia B. Bemis Trust; Kops Oil Company; KR&M, LLC; Kristi Rose Minerals, LLC; L. E. Armstrong; Lanehart Tibbets, LLC; Lanexco, Inc.; Larry A. Nermiry; Larry D. Finch; Larry D. Finch, Trustee; Larry J. Bond Living Trust; Lauren H. Strubar; LeaCo Operating, LLC; Lean Dog Limited Partnership No. 1; Legal LLC; Lelia McConnell Gaddis; Lenox Partners; Leonard C. Galaz; Leonard Legacy Royalty, LLC; Lewis B. Burleson; Lewis Weldon Beard; Lex A. Argo; Lexington Oil Company; Linda Mary Bartelston; Lisa Gikas; Lisa Morris Eliasberg; Little Max Drilling, LLC; LMA Royalties, Ltd.; LML Properties, LLC; Lorry A. Chapman, Trustee of The Vicki Shore Testamentary Trust; Louise M. Pritchard; Lucille Raffety, Trustee of the Lucille Raffety Trust u/a/d December 11, 1995; Luther Patterson; M. M. Meek; Magic Dog Oil & Gas, Ltd.; Marathon Oil Company; Margaret A. Warren; Margaret Hensley, Trustee of The Margaret Hensley Trust u/a/d January 20, 2014; Margaret J. Mims Hill; Margaret Slayton; Marie Shaw; Marilyn Cook Wagner, separate property; Marilyn M. Law & James B. Law, Co-Trustees of the Marilyn M. Law Revocable Trust u/a/d February 3, 1989; Marilyn Robertson Lutz; Marivan

the Paul & Betty Phillips Revocable Trust; the Paul and Betsy Ache Family LP; The Phillip Lyle Williams & Cheryl Ann Williams 2016 Revocable Trust; The Richard B. Lynn 2001 Trust; The Richard B. Lynn 2009 Trust; The Robert B. Mitchell Trust; The Roy G. Barton, Sr., & Opal Barton Revocable Trust; The Samuel Grandchildren's Joint Venture; The Samuel Roberts Noble Foundation d/b/a The Noble Foundation; The Sandra McFadden Furlong 2001 Trust; The Sandra McFadden Furlong 2009 Trust; The Selma E. Andrews Perpetual Charitable Trust; The Selma E. Andrews Trust f/b/o Peggy Barrett; The SWJ III Living Trust; The Tara Rudman Revocable Trust; The Toles Company; The University of Oklahoma Foundation; The Vernon Edmund Trotter & Bernice Pearson Trotter Trust; The William E. Krebs & Edna D. Krebs Memorial Trust; The William M. Lynn 2001 Trust; The William M. Lynn 2009 Trust; The Wilma M. Phillips Trust; Thomas C. Tompkins & Don Webb, Co-Trustees of The Tompkins Declaration of Revocable Trust; Thomas Kelly Stringer; Thomas Mazur IRA; Thomas Record Semmes; Thomas Weldon Tucker; Thunder Moon Resources, LLC; Tierra Media Resources, LP; Tim Lilley & Tashina Lilley; Tom R. Cone; Tommy Phipps; Tommy Phipps and Werta Jean Phipps, Trustees or their Successors in Trust under the Phillips Living Trust dated 10/13/2009; Top Brass Oil Properties, Inc.; Treador Acquisition Corporation; Ulysses McElvey & Hazel Hall McElvey, Co-Trustees u/a/d October 13, 1998; United Operating, LLC; Uplands Resources, Inc.; usan; Vallee Kidd; Richard James, Mildred B. Grimes & Frank X. Henke III, Co-Trustees of The Otha H. Grimes Foundation; Vaughn McCarthy; Vlesco, LLC; Vincent J. Duncan; Virginia Jo Beaver; Vrooman Consulting, Inc.; Vrooman Energy, LLC; Wake Energy, LLC; WALLFAM, Ltd.; Ward & Yeda Vickroy Heirs, LLC; Warren G. Hobbs Shlapp; Warren J. Bates Estate; Wendelin Elizabeth Jones c/o Rose Dynesich; Westlynn McCallister Holloway; Westlynn McCallister; Wesley McCallister; WestStar Oil & Gas, Inc.; White Rock Royalty Partners No. 1; Wildcat Energy LLC; William C. Wright; William E. Thomas, II; William Marsh Rice University; William Timmons & Amy Timmons, JTWRORS; Wilson Holdings & Ventures LLC; Winnie Williams; Wisdom Resources, LLC; Woodbine Financial Corporation; XTO Holdings, LLC; Wright Resources Corporation; Yach Operating, LP; Yeager Resources; Yeager Resources LTD; Young Bell; ZPZ Delaware I, LLC; Zschant Corp; A & S Operating, Inc; Mill Resources, Inc.; Summit Exploration, LLC; Wright Resources Corporation; C & D Lands; Ribble Investment Company, LLC; Wallace W. Irwin Properties, LLC; Darrell D. Bash; Permian Development, LLC; John Sanger; Kitty Flint Livingston Revocable Trust; George C. Livingston Trustee; Martin B. JW Sherrill; Boren Greer Gas Comm; Inheritance Family Minerals, LLC; LSEAE, LLC; K & S Trust; BlackJack Exploration Trust; Leonidas Exploration Trust; Stevco Trust, Elizabeth Stevenson Harbin, Trustee; Stanley E Hess; Beverly Lynn Wilks; Beverly Phipps; Willy J.M. Mineral & Land Co., Inc.; Jon M Morgan; Jon M Morgan Family Purchase Plan; Magnolia Royalty Company Inc.; Texas DeMolay Association Foundation, Inc.; John A. Gryder; William E. Gryder; Dow D. Thomas; Earline F. Dow on Behalf of the Estate of Thomas D. Dow; Southland Royalty and their successors and assigns, that the New Mexico Oil Conservation Division will conduct a hearing on an application submitted by FAE II Operating, LLC.

Township 25 South, Range 35 East, N.M.P.M.

- Section 13: SE
- Section 24: E2
- Section 25: All
- Section 26: E2E2
- Section 36: N2, SE

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

- Section 15: W2W2
- Section 16: All
- Section 18: Lot 4
- Section 19: Lot 1, Lot 2, Lot 3, Lot 4, E2SW
- Section 21: All
- Section 22: W2NW, S2
- Section 23: SW
- Section 26: W2, SWSE
- Section 27: All
- Section 28: All
- Section 30: Lot 1, Lot 2, Lot 3, Lot 4, E2W2, W2E2
- Section 31: All
- Section 32: All
- Section 33: All
- Section 34: All
- Section 35: NW, W2NE, S2

Township 26 South, Range 37 East, N.M.P.M.

- Section 9: All
- Section 4: All
- Section 5: All
- Section 6: All
- Section 7: All
- Section 8: All
- Section 9: All
- Section 10: All
- Section 11: All
- Section 16: All
- Section 17: All
- Section 18: Lot 1, NENW, E2 NE
- Section 19: NE
- Section 20: All
- Section 21: W2, NE, W2SE
- Section 22: N2
- Section 23: SWNW
- Section 29: All
- Section 32: N2N2, Lot 1, Lot 2, Lot 3, Lot 4

The unitized interval extends from the top of the Yates Formation to the base of the Queen Formation. Among the matters to be considered at hearing, pursuant to the New Mexico Statutory Unitization Act, NMSA 1978, §§ 70-7-1 et seq., will be: the necessity of unit operations; the determination of horizontal and vertical limits of the unit area; the determination of the fair, reasonable, and equitable allocation of production and costs of production, including capital investments, to each of the tracts in the unit area; the determination of credits and charges to be made among the working interest owners in the unit area for their investment in wells and equipment; and such other matters as may be necessary and appropriate. Applicant also requests that the Rhodes Unit, approved by Division Order No. 772, be terminated pursuant to the Bureau of Land Management's agreement to dissolve the Rhodes Unit and incorporate the area into the South Jal Unit. The unit area is centered approximately 2.25 miles South of Jal, New Mexico.

Applicant applies for an order for statutory unitization of the South Jal Unit, which comprises approximately 19,969.77 acres of the following federal, state, and fee lands located in Lea County, New Mexico: #00282624