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

APPLICATION OF FAE II OPERATING, LLC FOR APPROVAL OF A WATERFLOOD PROJECT AND TO QUALIFY THE PROJECT FOR THE RECOVERED OIL TAX RATE, LEA COUNTY, NEW MEXICO **Case No. 21118**

FAE II OPERATING, LLC HEARING EXHIBITS

1	Application
2	Hearing Power Point Presentation
3	FAE II Operating, LLC - New Mexico State Land Office Agreement
4	Form C-108
5	Hearing Notice Letter and Return Receipts
6	Affidavit of Publication
7	Hydrology Certification
8	Water Analysis Report
9	East – West Cross Section
10	North – South Cross Section
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12	Information Regarding Releases in Project Area

STATE OF NEW MEXICO
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APPLICATION OF FAE II OPERATING, LLC FOR APPROVAL OF A WATERFLOOD PROJECT AND TO QUALIFY THE PROJECT FOR THE RECOVERED OIL TAX RATE, LEA COUNTY, NEW MEXICO

Case No. _____

APPLICATION

Pursuant to 19.15.26.8.F NMAC, FAE II Operating, LLC ("FAE") requests an order authorizing it to implement a waterflood project within the Seven Rivers formation to inject produced water for secondary recovery. FAE also requests approval to qualify the project for the recovered oil tax rate under the Enhanced Oil Recovery Act, NMSA 1978, § 7-29A-1 *et seq.* and 19.15.6 NMAC. In support of its application, FAE states the following.

1. FAE seeks authorization to implement the Arnott Ramsay Waterflood Project ("Project") by injecting produced water into the Seven Rivers formation. FAE's Application for Authorization to Inject (Division Form C-108) is attached as Exhibit A.

2. The Project will be located on State lands, and the Project area will include 640 acres, more or less, comprised of Section 32, Township 25 South, Range 37 East in Lea County.

3. FAE proposes to operate the Project. 100% of the working interests in the waterflood acreage are committed to the Project.

4. To implement the Project, FAE proposes to convert its Arnott Ramsay NCT-B #11 well from a producer to an injector. The well is located in Unit L in Section 32, Township 25 South, Range 37 East in Lea County. The proposed injection interval is located in the Seven Rivers formation at a depth of approximately 3,170 to 3,290 feet, and the proposed maximum injection

rate is 800 barrels per day at a maximum injection pressure of 634 psi. Pending results of a Step-Rate Test, maximum injection pressure may increase.

5. FAE also proposes to drill and complete the following new injection wells within the Project area:

a. Arnott Ramsay NCT-B #14 well, which will be located in Unit D in Section 32, Township 25 South, Range 37 East in Lea County. The proposed injection interval is located in the Seven Rivers formation at a depth of approximately 3,100 to 3,300 feet, and the proposed maximum injection rate is 800 barrels per day at a maximum injection pressure of 620 psi. Pending results of a Step-Rate Test, maximum injection pressure may increase.

b. Arnott Ramsay NCT-B #15 well, which will be located in Unit E in Section 32, Township 25 South, Range 37 East in Lea County. The proposed injection interval is located in the Seven Rivers formation at a depth of approximately 3,100 to 3,300 feet, and the proposed maximum injection rate is 800 barrels per day at a maximum injection pressure of 620 psi. Pending results of a Step-Rate Test, maximum injection pressure may increase.

c. Arnott Ramsay NCT-B #16 well, which will be located in Unit G in Section 32, Township 25 South, Range 37 East in Lea County. The proposed injection interval is located in the Seven Rivers formation at a depth of approximately 3,050 to 3,300 feet, and the proposed maximum injection rate is 800 barrels per day at a maximum injection pressure of 610 psi.

Pending results of a Step-Rate Test, maximum injection pressure may increase.

d. Arnott Ramsay NCT-B #17 well, which will be located in Unit J in Section 32, Township 25 South, Range 37 East in Lea County. The proposed injection interval is located in the Seven Rivers formation at a depth of approximately 3,050 to 3,300 feet, and the proposed maximum injection rate is 800 barrels per day at a maximum injection pressure of 610 psi. Pending results of a Step-Rate Test, maximum injection pressure may increase.

e. Arnott Ramsay NCT-B #18 well, which will be located in Unit C in Section 32, Township 25 South, Range 37 East in Lea County. The proposed injection interval is located in the Seven Rivers formation at a depth of approximately 3,050 to 3,300 feet, and the proposed maximum injection rate is 800 barrels per day at a maximum injection pressure of 610 psi. Pending results of a Step-Rate Test, maximum injection pressure may increase.

f. Arnott Ramsay NCT-B #19 well, which will be located in Unit I in Section 32, Township 25 South, Range 37 East in Lea County. The proposed injection interval is located in the Seven Rivers formation at a depth of approximately 3,050 to 3,300 feet, and the proposed maximum injection rate is 800 barrels per day at a maximum injection pressure of 610 psi. Pending results of a Step-Rate Test, maximum injection pressure may increase.

6. FAE requests that, pursuant to 19.15.26.8.F(5), NMAC, the Division permit FAE to obtain administrative approval of additional injection wells within the Project area and expand the Project without the necessity of additional hearings.

7. FAE requests that the Project be qualified for the recovered oil tax rate under NMSA 1978, § 7-29A-1 *et seq.* and 19.15.6 NMAC. The Project data includes:

a. Number of initial producing wells: 8

b. Number of initial injection wells: 0

c. Number of injection wells at full development: 7

d. Capital cost of initial additional facilities: $600,000

e. Estimated total initial project cost: $7,000,000

f. Estimated value of incremental production: $10,000,000

g. Estimated injection commencement date: August 1, 2020 (pending approval)

h. Type of injected fluid: Produced water

i. Anticipated injection volumes: 450 bwpd per well

8. The creation and operation of the Project will serve the interests of conservation, the protection of correlative rights, and the prevention of waste.

WHEREFORE, FAE requests that this Application be set for hearing on March 5, 2020 and that, after notice and hearing, the Division enter an order:

1. Approving the Arnott Ramsay Waterflood Project;

2. Designating FAE as the operator of the Project;

3. Allowing future applications for expansion of the Project and additional injection wells to be approved administratively; and

4. Qualifying the Project for the recovered oil tax rate.

Respectfully submitted,

HINKLE SHANOR LLP

Dana S. Hardy
Dioscoro A. Blanco
P.O. Box 2068
Santa Fe, NM 87504-2068
Phone: (505) 982-4554
Facsimile: (505) 982-8623
dhardy@hinklelawfirm.com
dblanco@hinklelawfirm.com

Counsel for Forty Acres Energy, LLC

VERIFICATION

STATE OF TEXAS)
) **ss.**
COUNTY OF HARRIS)

I, Garret Johnson, certify that I am an engineer employed by Forty Acres Energy, LLC. I have reviewed the foregoing application and state that it is true and correct to the best of my knowledge, information, and belief.

Garret Johnson

The foregoing was sworn before me on this 3rd day of February, 2020.

Notary Public

MARITZA SANTANA
Notary Public, State of Texas
Comm. Expires 09-11-2023
Notary ID 124550949

My commission expires: 9/11/2023

STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL
RESOURCES DEPARTMENT

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

FORM C-108
Revised June 10, 2003

APPLICATION FOR AUTHORIZATION TO INJECT

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

II. OPERATOR: FAE II Operating, LLC

ADDRESS: 11757 Katy Freeway, Suite 1000, 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: [signature] DATE: 01/30/2020

E-MAIL ADDRESS: jessica@faenergyus.com

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

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

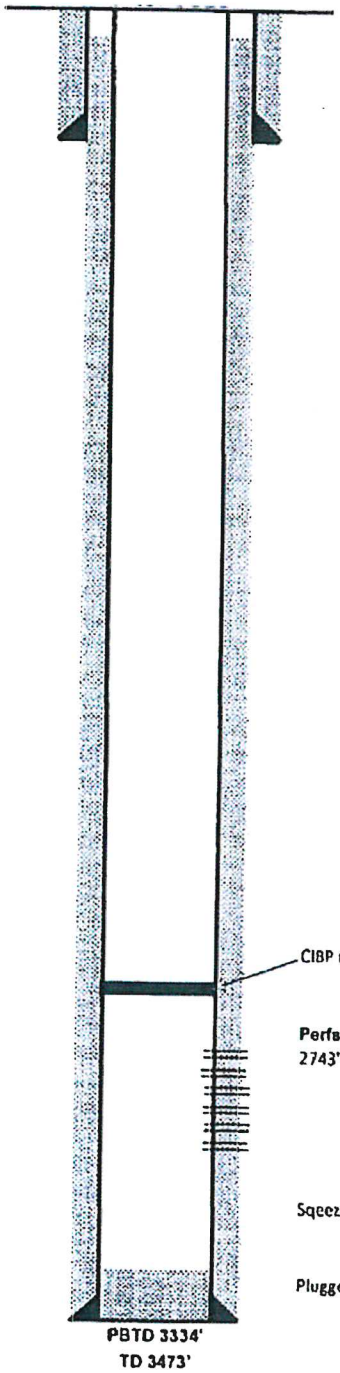
EXHIBIT
A

III. Well Data

INJECTION WELL DATA SHEET

OPERATOR: FAE II Operating, LLC
WELL NAME & NUMBER: ARNOTT RAMSAY NCT-B #11
WELL LOCATION: **1650 FSL & 990 FWL** L 32 25S 37E
FOOTAGE LOCATION | UNIT LETTER | SECTION | TOWNSHIP | RANGE

CURRENT WELLBORE SCHEMATIC



Surface Csg

Size:	8-5/8"
Wt.&Thrd:	24#, STC
Grade:	K-55
Set @:	399'
Sxs cmt:	275
Circ:	
TOC:	Surface
Hole Size:	12-1/4"

Production Csg

Size:	5-1/2"
Wt.&Thrd:	14#, STC
Grade:	K-55
Set @:	3473'
Sxs Cmt:	1710
Circ:	
TOC:	
Hole Size:	7-7/8"

WELL CONSTRUCTION DATA

Surface Casing

Hole Size:	12-1/2"
Casing Size:	8-5/8"
Depth Set:	399'
Top of Cement:	surface
Cement with	275 sx
Method Determined:	circulated

Production Casing

Hole Size:	7-7/8"
Casing Size:	5-1/2"
Depth Set:	3,473'
Top of Cement:	surface
Cement with	1710 sx
Method Determined:	circulated

Proposed Injection Interval

Seven Rivers Inj. Zone
~3,100' to 3,300'
Zone will be Perforated

Tubing

Tubing Size:	2-3/8"
Lining Material:	Nickel
Type of Packer:	AS1-X
Packer Depth Set:	~3,120'

Additional Data

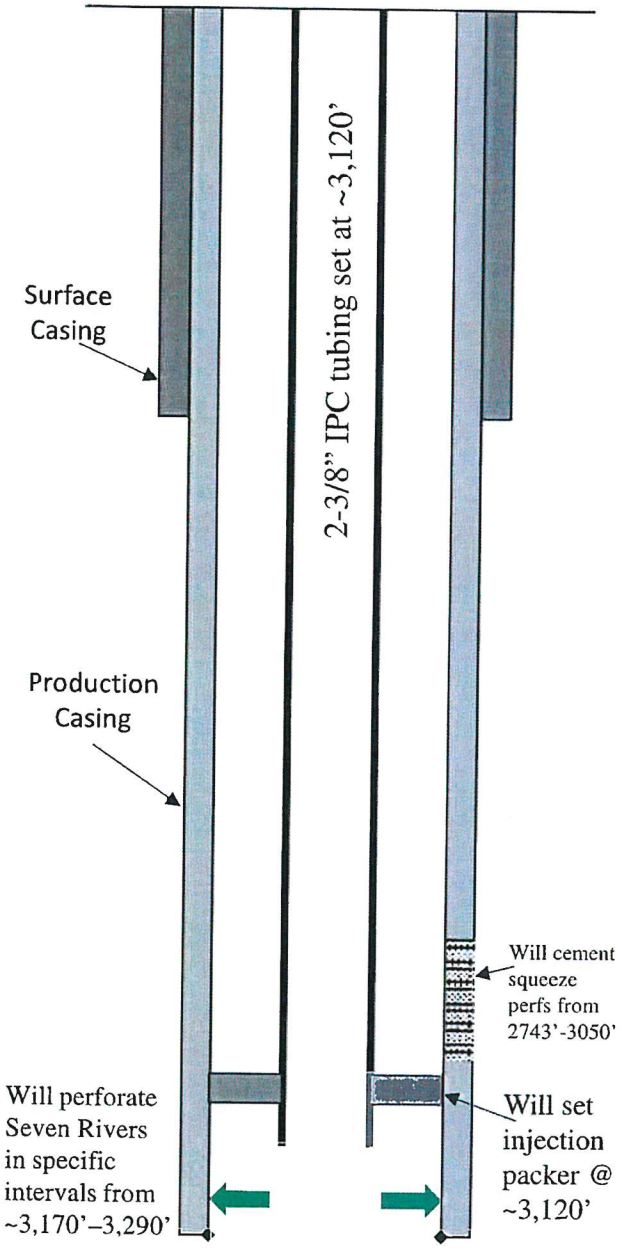
1. Originally an oil producer.
2. Injection Formation: Seven Rivers
3. Field: Langlie-Mattix
4. Well has NOT been perforated before.
5. Underlying Oil Zone: Queen Formation
   - Depth of Underlying Zone: +3,400'

III. Well Data

INJECTION WELL DATA SHEET

OPERATOR: FAE II Operating, LLC
WELL NAME & NUMBER: ARNOTT RAMSAY NCT-B #11
WELL LOCATION: **1650 FSL & 990 FWL** L 32 25S 37E
FOOTAGE LOCATION | UNIT LETTER | SECTION | TOWNSHIP | RANGE

PROPOSED WELLBORE SCHEMATIC



WELL CONSTRUCTION DATA

Surface Casing

Hole Size:	12-1/2"
Casing Size:	8-5/8"
Depth Set:	399'
Top of Cement:	surface
Cement with	275 sx
Method Determined:	circulated

Production Casing

Hole Size:	7-7/8"
Casing Size:	5-1/2"
Depth Set:	3,473'
Top of Cement:	surface
Cement with	1710 sx
Method Determined:	circulated

Proposed Injection Interval

Seven Rivers Inj. Zone
~3,170' to 3,290'
Zone will be Perforated

Tubing

Tubing Size:	2-3/8"
Lining Material:	Nickel
Type of Packer:	AS1-X
Packer Depth Set:	~3,120'

Additional Data

1. Originally an oil producer.
2. Injection Formation: Seven Rivers
3. Field: Langlie-Mattix
4. Well has NOT been perforated before.
5. Underlying Oil Zone: Queen Formation
   - Depth of Underlying Zone: +3,400'

Well Name:	ARNOTT RAMSAY NCT-B #11
Objective:	Convert to Injector
Field:	Langlie-Mattix
Surface Location:	1650' FSL & 990' FWL
	Sec 32, Township 25 S, Range 37 E
County, State:	Lea, NM
API:	30-025-26963

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

Well Information:

Casing:

Casing Size	Weight lb. ft.	Depth Set	Hole Size	Cement	Amount Pulled
8.625	24	399	12.5	275 sx-circ	
5.5	14	3473	7.875	1710 sx-circ	

Perforations:

Top	Bottom	SPF	Diameter	Status
2743	3050	1		Open under CIBP
3270	3273	2	0.5"	Squeezed
3278	3281	2	0.5"	Squeezed
3354	3362	2	0.5"	Plugged
3356	3360	2	0.5"	Plugged

Completion: 3270-3281' – 1200 gallons 15% slick NEFE HCl, 8 7/8" RCNB's, 10,500 gal 70 qual foam, 12,000# 20/40 sand.

Notes: 07-05-13: set CIBP at 2675'. Dump 40' cement on top of plug. Load and test to 600 psi for 30 minutes, test held.

Planned Procedure:

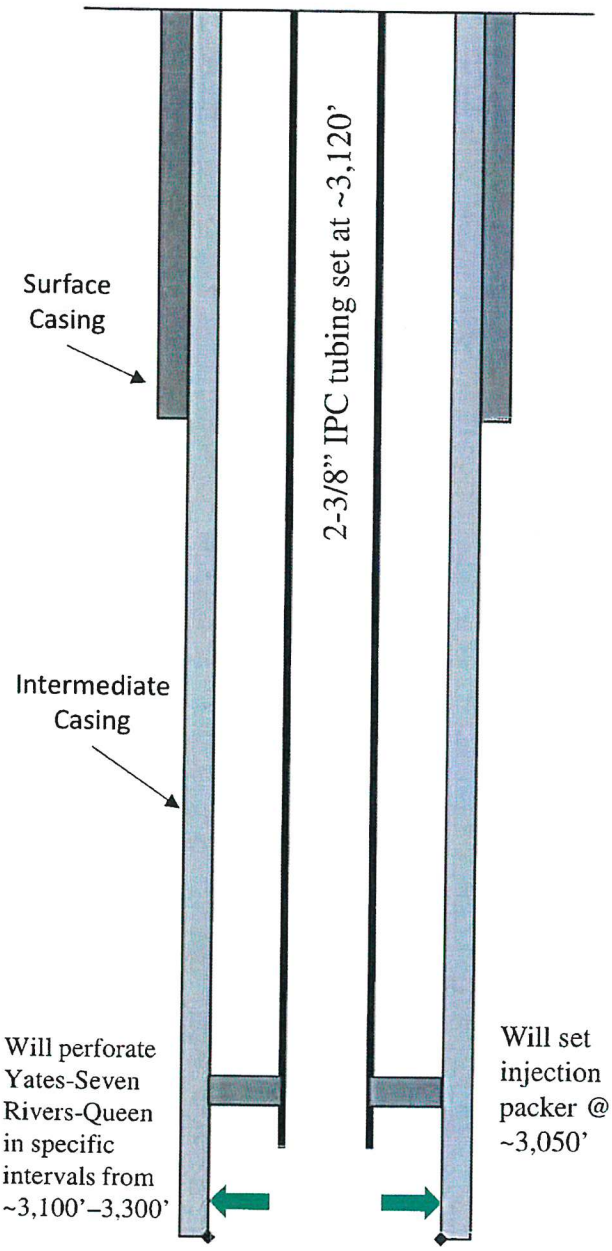
1. Inspect lease roads to location to assure adequate access for work activities. Function test the wellhead valves to assure proper operation during the procedure. Locate and inspect rig anchors, test or replace anchors if necessary.
2. Nipple down wellhead and close wellhead valves. Break down flow lines from the wellhead and isolate lines. Blind flange to protect the lines to prevent fluids from escaping or leaking.
3. Rig up reverse package, swivel. RIH with 4-3/4" bit, 4 drill collars, and 2-3/8" L-80 workstring.
4. Keep tally of tubing and slowly come down on top of plug at ~2635'.
5. Load hole with 2% KCl water, begin to circulate, drill out 40' cement plug.
6. Continue drilling through CIBP – when metal cuttings appear on surface, back off of plug and circulate bottoms clean 2x. After circulation, continue to drill out plug.
7. Once through plug, continue to tally into hole until TD is reached. Report PBTD to Garret.
8. If TD is less than 3,390', drillout will continue.
9. Come out of hole laying down.
10. Cement squeeze interval 2743-3050.
11. Rig up wireline, and set CIBP at 3340'. Perforate 4 SPF interval 3170'-3290'. Use gas gun to stimulate – also see attached. Rig down wireline.
12. Pick up 2-3/8" ICP tubing. RIH w/ AS1X nickel coated packer and set @ 3120'. Note pressure on the backside – monitor while pumping down tubing.
13. Rig up acid equipment. Pump 5,000 gallons 15% HCl, flush w/ 25 bbls produced water.
14. Swab water back into frac tank. Note top of fluid, bbl amount, and signs of gas on each run.
15. Rig down and move out service rig and equipment. Connect injection lines to wellhead. Clean up location as necessary.

III. Well Data

INJECTION WELL DATA SHEET

OPERATOR: FAE II Operating, LLC
WELL NAME & NUMBER: ARNOTT RAMSAY NCT-B #14
WELL LOCATION: **1060 FNL & 1160 FWL** D 32 25S 37E
FOOTAGE LOCATION | UNIT LETTER | SECTION | TOWNSHIP | RANGE

WELLBORE SCHEMATIC



WELL CONSTRUCTION DATA

Surface Casing

Hole Size:	12-1/4"
Casing Size:	8-5/8"
Depth Set:	965'
Top of Cement:	surface
Cement with	240 sx
Method Determined:	circ. 80 sx

Intermediate Casing

Hole Size:	7-7/8"
Casing Size:	5-1/2"
Depth Set:	3,400'
Top of Cement:	surface
Cement with	300 sx
Method Determined:	circ. 100 sx

Injection Interval

Seven Rivers Inj. Zone
~3,100' to 3,300'
Zone will be Perforated

Tubing

Tubing Size:	2-3/8"
Lining Material:	Nickel
Type of Packer:	AS1-X
Packer Depth Set:	~3,050'

Additional Data

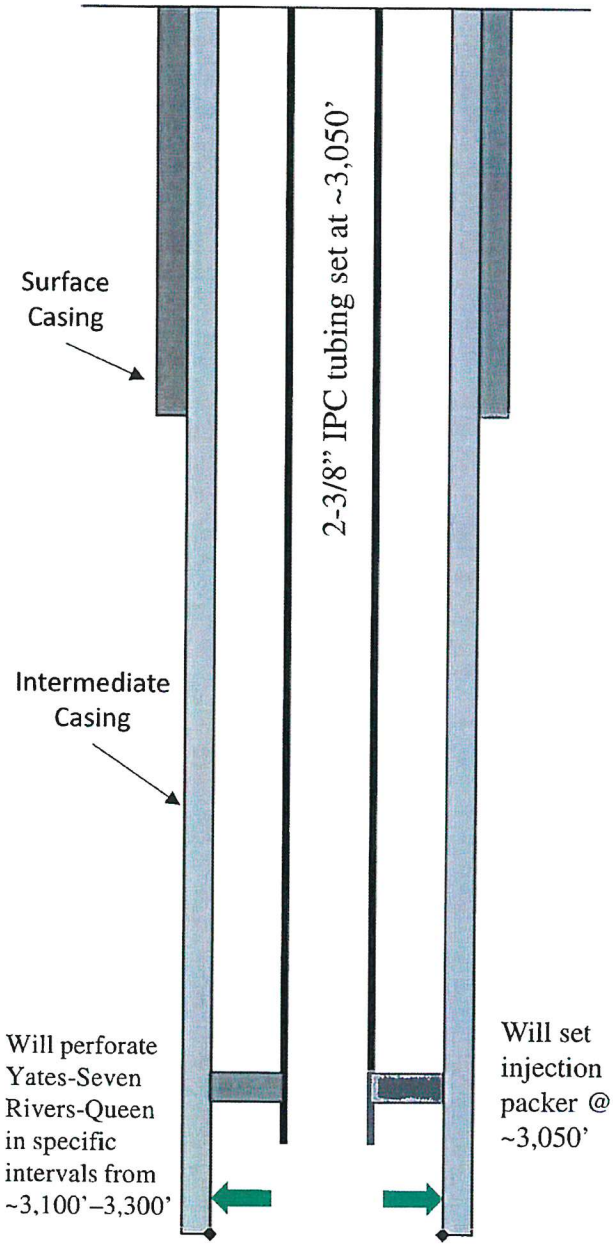
1. New well drilled for injection.
2. Injection Formation: Seven Rivers
3. Field: Langlie-Mattix
4. Well has NOT been perforated before.
5. Underlying Oil Zone: Queen Formation
   - Depth of Underlying Zone: +3,400'

III. Well Data

INJECTION WELL DATA SHEET

OPERATOR: FAE II Operating, LLC
WELL NAME & NUMBER: ARNOTT RAMSAY NCT-B #15
WELL LOCATION: **2455 FNL & 1195 FWL** E 32 25S 37E
FOOTAGE LOCATION | UNIT LETTER | SECTION | TOWNSHIP | RANGE

WELLBORE SCHEMATIC



WELL CONSTRUCTION DATA

Surface Casing

Hole Size:	12-1/4"
Casing Size:	8-5/8"
Depth Set:	965'
Top of Cement:	surface
Cement with	240 sx
Method Determined:	circ. 80 sx

Intermediate Casing

Hole Size:	7-7/8"
Casing Size:	5-1/2"
Depth Set:	3,450'
Top of Cement:	surface
Cement with	300 sx
Method Determined:	circ. 100 sx

Injection Interval

Seven Rivers Inj. Zone
~3,100' to 3,300'
Zone will be Perforated

Tubing

Tubing Size:	2-3/8"
Lining Material:	Nickel
Type of Packer:	AS1-X
Packer Depth Set:	~3,050'

Additional Data

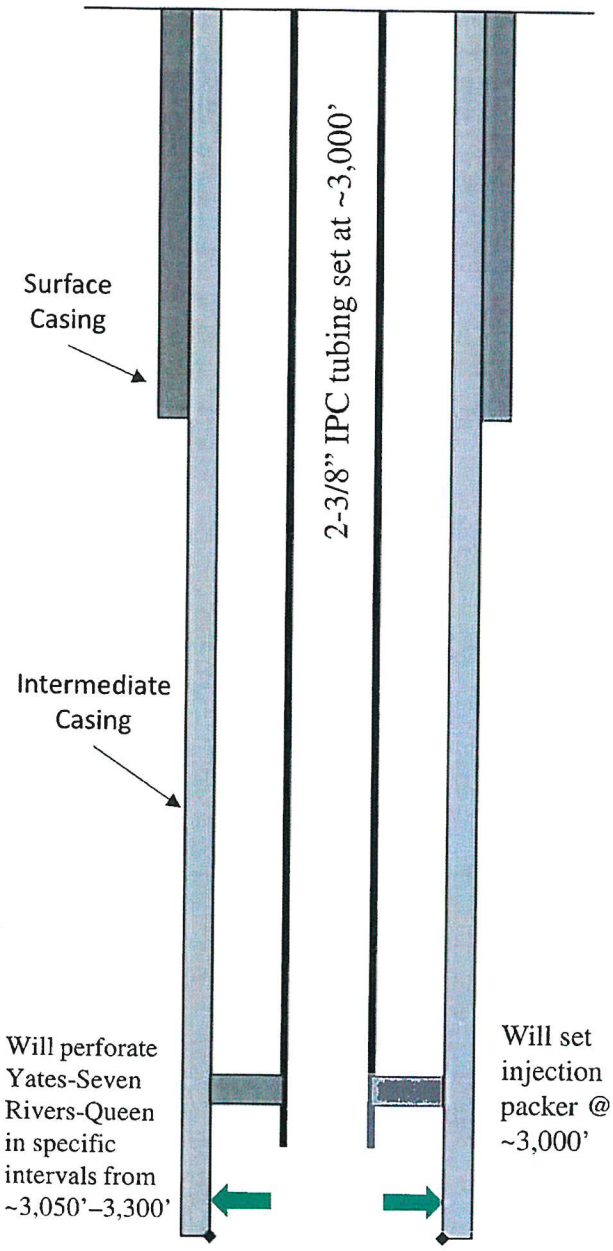
1. New well drilled for injection.
2. Injection Formation: Seven Rivers
3. Field: Langlie-Mattix
4. Well has NOT been perforated before.
5. Underlying Oil Zone: Queen Formation
   - Depth of Underlying Zone: +3,400'

III. Well Data

INJECTION WELL DATA SHEET

OPERATOR: FAE II Operating, LLC
WELL NAME & NUMBER: ARNOTT RAMSAY NCT-B #16
WELL LOCATION: **2625 FNL & 2630 FEL** 32 25S 37E
FOOTAGE LOCATION | UNIT LETTER | SECTION | TOWNSHIP | RANGE

WELLBORE SCHEMATIC



WELL CONSTRUCTION DATA

Surface Casing

Hole Size:	12-1/4"
Casing Size:	8-5/8"
Depth Set:	970'
Top of Cement:	surface
Cement with	240 sx
Method Determined:	circ. 80 sx

Intermediate Casing

Hole Size:	7-7/8"
Casing Size:	5-1/2"
Depth Set:	3,450'
Top of Cement:	surface
Cement with	300 sx
Method Determined:	circ. 100 sx

Injection Interval

Seven Rivers Inj. Zone
~3,050' to 3,300'
Zone will be Perforated

Tubing

Tubing Size:	2-3/8"
Lining Material:	Nickel
Type of Packer:	AS1-X
Packer Depth Set:	~3,000'

Additional Data

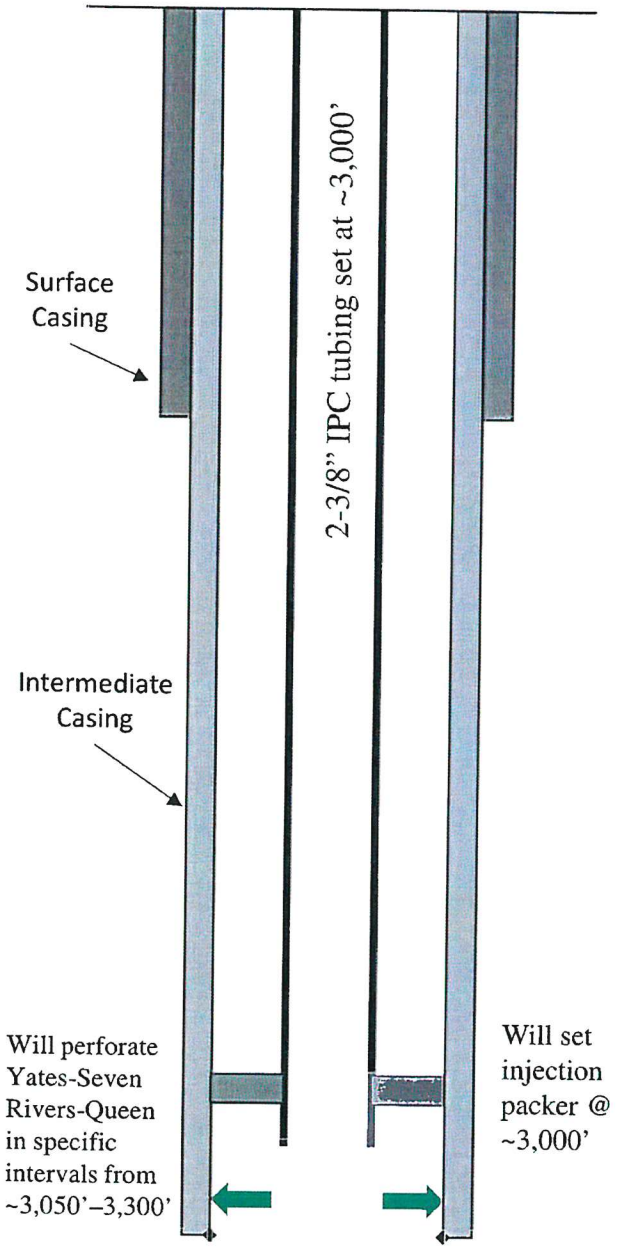
1. New well drilled for injection.
2. Injection Formation: Seven Rivers
3. Field: Langlie-Mattix
4. Well has NOT been perforated before.
5. Underlying Oil Zone: Queen Formation
   - Depth of Underlying Zone: +3,400'

III. Well Data

INJECTION WELL DATA SHEET

OPERATOR: FAE II Operating, LLC
WELL NAME & NUMBER: ARNOTT RAMSAY NCT-B #17
WELL LOCATION: **1350 FSL & 2635 FEL** 32 25S 37E
FOOTAGE LOCATION | UNIT LETTER | SECTION | TOWNSHIP | RANGE

WELLBORE SCHEMATIC



WELL CONSTRUCTION DATA

Surface Casing

Hole Size:	12-1/4"
Casing Size:	8-5/8"
Depth Set:	970'
Top of Cement:	surface
Cement with	240 sx
Method Determined:	circ. 80 sx

Intermediate Casing

Hole Size:	7-7/8"
Casing Size:	5-1/2"
Depth Set:	3,450'
Top of Cement:	surface
Cement with	300 sx
Method Determined:	circ. 100 sx

Injection Interval

Seven Rivers Inj. Zone
~3,050' to 3,300'
Zone will be Perforated

Tubing

Tubing Size:	2-3/8"
Lining Material:	Nickel
Type of Packer:	AS1-X
Packer Depth Set:	~3,000'

Additional Data

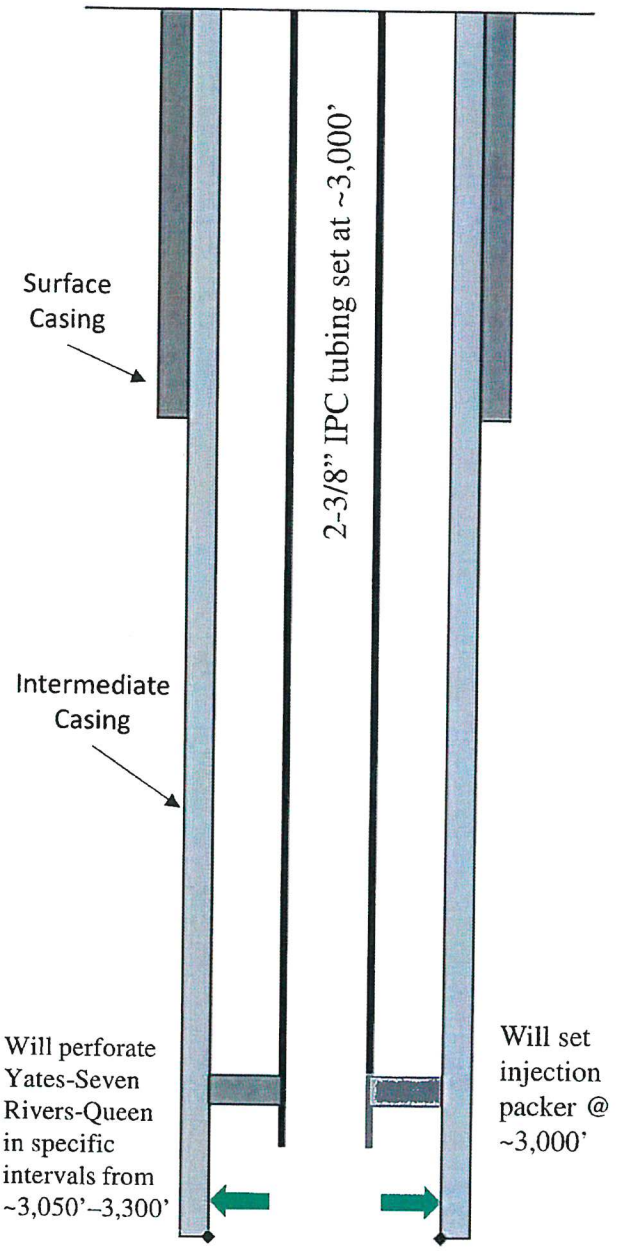
1. New well drilled for injection.
2. Injection Formation: Seven Rivers
3. Field: Langlie-Mattix
4. Well has NOT been perforated before.
5. Underlying Oil Zone: Queen Formation
   - Depth of Underlying Zone: +3,400'

III. Well Data

INJECTION WELL DATA SHEET

OPERATOR: FAE II Operating, LLC
WELL NAME & NUMBER: ARNOTT RAMSAY NCT-B #18
WELL LOCATION: **1115 FNL & 2495 FWL** C 32 25S 37E
FOOTAGE LOCATION | UNIT LETTER | SECTION | TOWNSHIP | RANGE

WELLBORE SCHEMATIC



WELL CONSTRUCTION DATA

Surface Casing

Hole Size:	12-1/4"
Casing Size:	8-5/8"
Depth Set:	970'
Top of Cement:	surface
Cement with	240 sx
Method Determined:	circ. 80 sx

Intermediate Casing

Hole Size:	7-7/8"
Casing Size:	5-1/2"
Depth Set:	3,450'
Top of Cement:	surface
Cement with	300 sx
Method Determined:	circ. 100 sx

Injection Interval

Seven Rivers Inj. Zone
~3,050' to 3,300'
Zone will be Perforated

Tubing

Tubing Size:	2-3/8"
Lining Material:	Nickel
Type of Packer:	AS1-X
Packer Depth Set:	~3,000'

Additional Data

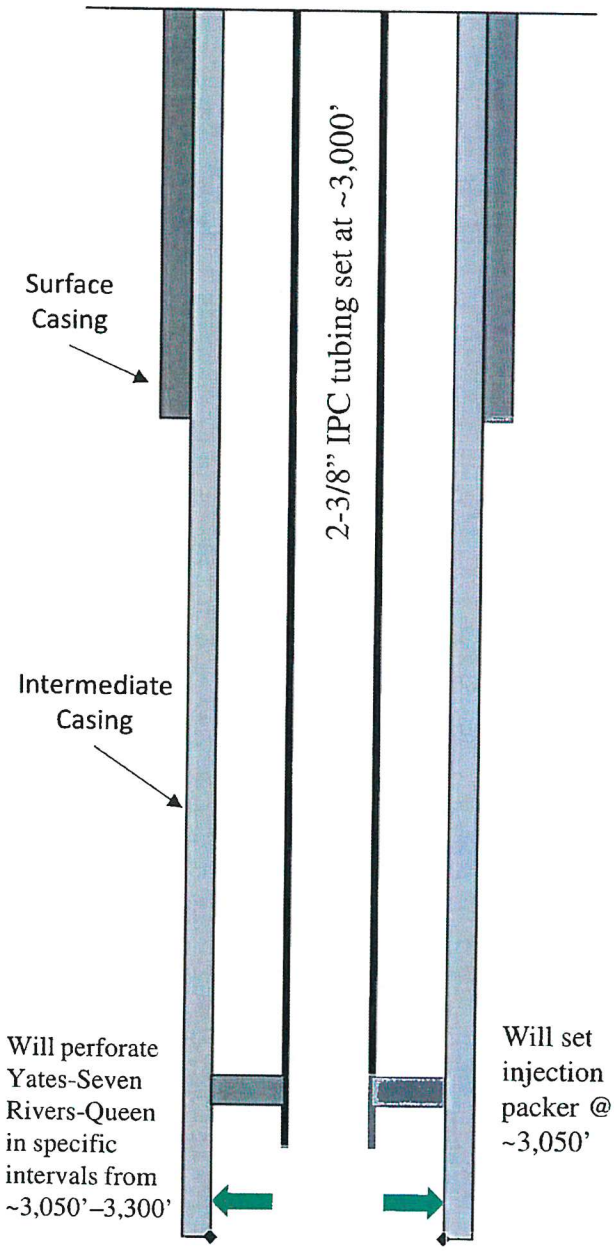
1. New well drilled for injection.
2. Injection Formation: Seven Rivers
3. Field: Langlie-Mattix
4. Well has NOT been perforated before.
5. Underlying Oil Zone: Queen Formation
   - Depth of Underlying Zone: +3,400'

III. Well Data

INJECTION WELL DATA SHEET

OPERATOR: FAE II Operating, LLC
WELL NAME & NUMBER: ARNOTT RAMSAY NCT-B #19
WELL LOCATION: **1340 FSL & 1330 FEL** | 32 | 25S | 37E
FOOTAGE LOCATION | UNIT LETTER | SECTION | TOWNSHIP | RANGE

WELLBORE SCHEMATIC



WELL CONSTRUCTION DATA

Surface Casing

Hole Size:	12-1/4"
Casing Size:	8-5/8"
Depth Set:	980'
Top of Cement:	surface
Cement with	240 sx
Method Determined:	circ. 80 sx

Intermediate Casing

Hole Size:	7-7/8"
Casing Size:	5-1/2"
Depth Set:	3,450'
Top of Cement:	surface
Cement with	300 sx
Method Determined:	circ. 100 sx

Injection Interval

Seven Rivers Inj. Zone
~3,050' to 3,300'
Zone will be Perforated

Tubing

Tubing Size:	2-3/8"
Lining Material:	Nickel
Type of Packer:	AS1-X
Packer Depth Set:	~3,000'

Additional Data

1. New well drilled for injection.
2. Injection Formation: Seven Rivers
3. Field: Langlie-Mattix
4. Well has NOT been perforated before.
5. Underlying Oil Zone: Queen Formation
   - Depth of Underlying Zone: +3,400'

V.

Exhibit A shows 35 unique well locations within a ½ mile radius of the proposed new drill injector locations, and 247 unique well locations within a 2 mile radius, and all associated leases.

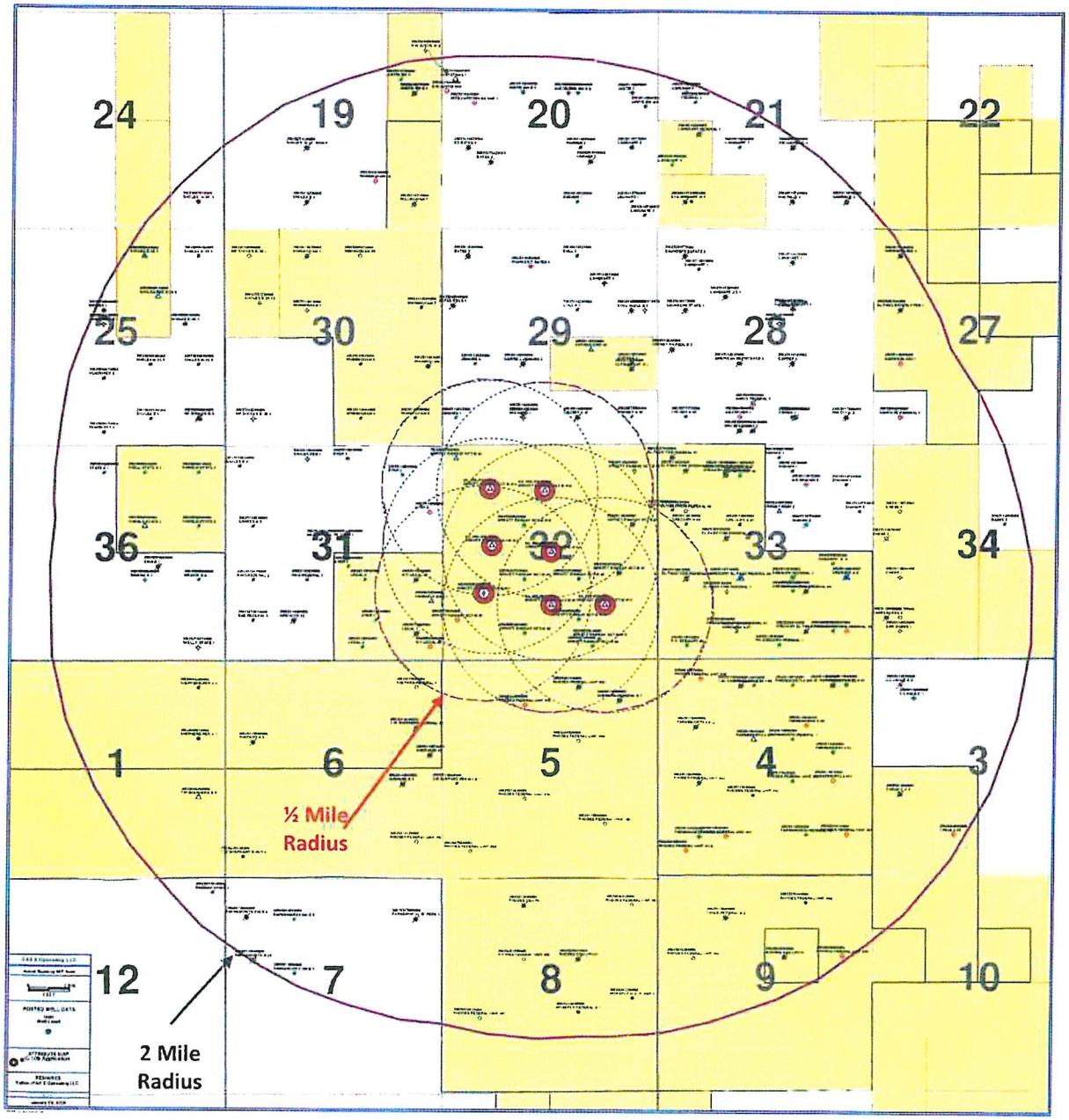


Exhibit A

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 B1-B7. The plugged well wellbore diagrams are displayed in Exhibit C1-C14.

Exhibit B1

UWI/API	OPERATOR	WELL LABEL	TD	WELL TYPE	CURRENT ZONE	Distance	SPUD DATE	COMP DATE	TOWNSHIP	RANGE	SECTION	FOOTAGE	NAD27-SURFLAT	NAD27-SURFLON	WGS84-SURFLAT	WGS84-SURFLON
30025269630000	FAE II Operating LLC	ARNOTT RAMSAY NCT-B #11	3473	LOC-INJ / TA	JALMAT; TAN-YATES-7 RVRS	0	11/21/1981	1/20/1982	25S	37E	32	990 FWL 1650 FSL	32.083910	-103.189610	32.084034	-103.190068
30025118640000	FAE II Operating LLC	ARNOTT RAMSAY NCT-B #1	3400	GAS	JALMAT; TAN-YATES-7 RVRS	926	4/28/1935	8/8/1935	25S	37E	32	330 FWL 990 FSL	32.082090	-103.191730	32.082214	-103.192208
SU_25S-37E_32FF	FAE II Operating LLC	ARNOTT RAMSAY NCT-B #15		LOC-INJ	Location-Injection	1083			25S	37E	32	2455 FNL & 1195 FWL	32.087118	-103.188987	32.087242	-103.189465
30025267570000	FAE II Operating LLC	ARNOTT RAMSAY NCT-B #9	3450	OIL	LANGLIE MATTIX; 7 RVRS-Q-GRAYBURG	1099	4/22/1980	5/28/1980	25S	37E	32	1980 FWL 1980 FSL	32.084820	-103.186420	32.084944	-103.186898
30025433600000	OWL SWD OPERATING LLC	KIMBERLY SWD 1		SWD	SWD; DEVONIAN-SILURIAN	1377			25S	37E	31	287 FEL 1450 FSL	32.083360	-103.193730	32.083484	-103.194208
30025262800000	FAE II Operating LLC	ARNOTT RAMSAY NCT-B #8	3630	OIL	JALMAT; TAN-YATES-7 RVRS	1397	4/26/1979	7/19/1979	25S	37E	32	1980 FWL 660 FSL	32.081190	-103.186390	32.081314	-103.186868
SU_25S-37E_32JJ	FAE II Operating LLC	ARNOTT RAMSAY NCT-B #17		LOC-INJ	Location-Injection	1784			25S	37E	32	1350 FSL & 2635 FEL	32.083084	-103.184291	32.083208	-103.184769
30025118570000	CIMAREX ENERGY CO OF COLORADO	M F LEGAL #2	3350	PLUGGAS	Plugged	1792	8/18/1951	9/30/1951	25S	37E	31	660 FEL 1980 FSL	32.084820	-103.194940	32.084944	-103.195418
30025269620000	FAE II Operating LLC	ARNOTT RAMSAY NCT-B #10	3400	OIL	JALMAT; TAN-YATES-7 RVRS	1840	9/5/1980	10/10/1980	25S	37E	32	1980 FWL 1980 FNL	32.088470	-103.186440	32.088594	-103.186918
30025282890000	FAE II Operating LLC	M F LEGAL #5	3350	GAS	JALMAT; TAN-YATES-7 RVRS	1850	7/29/1983	8/10/1983	25S	37E	31	330 FEL 330 FSL	32.080280	-103.193850	32.080404	-103.194328
30025118560000	BURLINGTON RESOURCES O&G CO LP	LEGAL 1	3254	PLUGGAS	Plugged	1977	12/11/1950	8/10/1951	25S	37E	31	660 FEL 660 FSL	32.081190	-103.194920	32.081314	-103.195398
SU_25S-37E_32GG	FAE II Operating LLC	ARNOTT RAMSAY NCT-B #16		LOC-INJ	Location-Injection	1587			25S	37E	32	2625 FNL & 2630 FEL	32.086664	-103.184285	32.086788	-103.184763
30025118550000	FULFER OIL & CATTLE COMPANY LLC	DYER 3	2977	GAS	JALMAT; TAN-YATES-7 RVRS	2299	6/26/1954	7/11/1954	25S	37E	31	330 FEL 1650 FNL	32.089360	-103.193900	32.089484	-103.194378
SU_25S-37E_32CC	FAE II Operating LLC	ARNOTT RAMSAY NCT-B #14		LOC-INJ	Location-Injection	2335			25S	37E	32	1060 FNL & 1160 FWL	32.090940	-103.189133	32.091064	-103.189611
30025262780000	FAE II Operating LLC	ARNOTT RAMSAY NCT-B #6	3600	OIL	LANGLIE MATTIX; 7 RVRS-Q-GRAYBURG	2500	4/6/1979	6/8/1979	25S	37E	32	1980 FEL 1980 FSL	32.084820	-103.182120	32.084944	-103.182598
30025306550000	FAE II Operating LLC	ARNOTT RAMSAY NCT-B #13	3159	OIL	JALMAT; TAN-YATES-7 RVRS	2560	9/6/1989	9/22/1989	25S	37E	32	1980 FEL 990 FSL	32.082100	-103.182100	32.082224	-103.182578

Exhibit B2

UWI/API	OPERATOR	WELL LABEL	TD	WELL TYPE	CURRENT ZONE	Distance	SPUD DATE	COMP DATE	TOWNSHIP	RANGE	SECTION	FOOTAGE	NAD27-SURFLAT	NAD27-SURFLON	WGS84-SURFLAT	WGS84-SURFLON
SU_25S-37E_32CC	FAE II Operating LLC	ARNOTT RAMSAY NCT-B #14		LOC-INJ	Location-Injection	0			25S	37E	32	1060 FNL & 1160 FWL	32.090940	-103.189133	32.091064	-103.189611
30025261060000	FAE II Operating LLC	ARNOTT RAMSAY NCT-B #4	3600	SWD	SWD; SEVEN RIVERS-QUEEN	1115	12/27/1978	2/7/1979	25S	37E	32	330 FWL 330 FNL	32.092990	-103.191800	32.093114	-103.192278
30025269620000	FAE II Operating LLC	ARNOTT RAMSAY NCT-B #10	3400	OIL	JALMAT; TAN-YATES-7 RVRS	1211	9/5/1980	10/10/1980	25S	37E	32	1980 FWL 1980 FNL	32.088470	-103.186440	32.088594	-103.186918
SU_25S-37E_32FF	FAE II Operating LLC	ARNOTT RAMSAY NCT-B #15		LOC-INJ	Location-Injection	1268			25S	37E	32	2455 FNL & 1195 FWL	32.087118	-103.188987	32.087242	-103.189465
SU_25S-37E_32BB	FAE II Operating LLC	ARNOTT RAMSAY NCT-B #18		LOC-INJ	Location-Injection	1436			25S	37E	32	1115 FNL & 2495 FWL	32.090808	-103.184803	32.090932	-103.185281
30025118550000	FULFER OIL & CATTLE COMPANY LLC	DYER 3	2977	GAS	JALMAT; TAN-YATES-7 RVRS	1664	6/26/1954	7/11/1954	25S	37E	31	330 FEL 1650 FNL	32.089360	-103.193900	32.089484	-103.194378
30025118230000	AMERADA OLSEN & PEERLES	IMA HAYS 1	8576	DRY	Plugged	1815	11/29/1956	1/31/1957	25S	37E	29	1980 FWL 660 FSL	32.095730	-103.186480	32.095854	-103.186958
30025118310000	TEXAS PACIFIC OIL COMPANY	JENKINS 1	3174	PLUGOIL	Plugged	1816	12/5/1950	12/10/1951	25S	37E	29	330 FWL 660 FSL	32.095720	-103.191810	32.095844	-103.192288
30025118340000	BURLESON LEWIS B INCORPORATED	JENKINS 3	3443	PLUGGAS	Plugged	1893	11/20/1951	5/12/1952	25S	37E	29	1980 FWL 760 FSL	32.096000	-103.186480	32.096124	-103.186958
SU_25S-37E_32GG	FAE II Operating LLC	ARNOTT RAMSAY NCT-B #16		LOC-INJ	Location-Injection	2142			25S	37E	32	2625 FNL & 2630 FEL	32.086664	-103.184285	32.086788	-103.184763
30025267570000	FAE II Operating LLC	ARNOTT RAMSAY NCT-B #9	3450	OIL	LANGLIE MATTIX; 7 RVRS-Q-GRAYBURG	2219	4/22/1980	5/28/1980	25S	37E	32	1980 FWL 1980 FSL	32.084820	-103.186420	32.084944	-103.186898
30025118540000	FULFER OIL & CATTLE COMPANY LLC	DYER 2	3171	OIL	JALMAT; TAN-YATES-7 RVRS	2303	12/13/1952	1/3/1953	25S	37E	31	980 FEL 735 FNL	32.091880	-103.196020	32.092004	-103.196498
30025269630000	FAE II Operating LLC	ARNOTT RAMSAY NCT-B #11	3473	LOC-INJ / TA	JALMAT; TAN-YATES-7 RVRS	2335	11/21/1981	1/20/1982	25S	37E	32	990 FWL 1650 FSL	32.083910	-103.189610	32.084034	-103.190088
30025118450000	BURLINGTON RESOURCES O&G CO LP	WINNINGHAM 6	3191	PLUGOIL	Plugged	2506	4/6/1951	4/28/1951	25S	37E	30	660 FEL 660 FSL	32.095710	-103.195000	32.095834	-103.195478

Exhibit B3

UWI/API	OPERATOR	WELL LABEL	TD	WELL TYPE	CURRENT ZONE	Distance	SPUD DATE	COMP DATE	TOWNSHIP	RANGE	SECTION	FOOTAGE	NAD27-SURFLAT	NAD27-SURFLON	WGS84-SURFLAT	WGS84-SURFLON
SU_25S-37E_32FF	FAE II Operating LLC	ARNOTT RAMSAY NCT-B #15		LOC-INJ	Location-Injection	0			25S	37E	32	2455 FNL & 1195 FWL	32.087118	-103.188987	32.087242	-103.189465
30025269620000	FAE II Operating LLC	ARNOTT RAMSAY NCT-B #10	3400	OIL	JALMAT; TAN-YATES-7 RVRS	956	9/5/1980	10/10/1980	25S	37E	32	1980 FWL 1980 FNL	32.088470	-103.186440	32.088594	-103.186916
30025269630000	FAE II Operating LLC	ARNOTT RAMSAY NCT-B #11	3473	LOC-INJ / TA	JALMAT; TAN-YATES-7 RVRS	1083	11/21/1981	1/20/1982	25S	37E	32	990 FWL 1650 FSL	32.083910	-103.189610	32.084034	-103.190088
30025267570000	FAE II Operating LLC	ARNOTT RAMSAY NCT-B #9	3450	OIL	LANGLIE MATTIX; 7 RVRS-Q-GRAYBURG	1142	4/22/1980	5/28/1980	25S	37E	32	1980 FWL 1980 FSL	32.084820	-103.186420	32.084944	-103.186896
SU_25S-37E_32CC	FAE II Operating LLC	ARNOTT RAMSAY NCT-B #14		LOC-INJ	Location-Injection	1268			25S	37E	32	1060 FNL & 1160 FWL	32.090940	-103.189133	32.091064	-103.189611
SU_25S-37E_32GG	FAE II Operating LLC	ARNOTT RAMSAY NCT-B #16		LOC-INJ	Location-Injection	1565			25S	37E	32	2625 FNL & 2630 FEL	32.086664	-103.184285	32.086788	-103.184763
30025118550000	FULFER OIL & CATTLE COMPANY LLC	DYER 3	2977	GAS	JALMAT; TAN-YATES-7 RVRS	1790	6/26/1954	7/11/1954	25S	37E	31	330 FEL 1650 FNL	32.089360	-103.193900	32.089484	-103.194376
SU_25S-37E_32BB	FAE II Operating LLC	ARNOTT RAMSAY NCT-B #18		LOC-INJ	Location-Injection	1849			25S	37E	32	1115 FNL & 2495 FWL	32.090808	-103.184803	32.090932	-103.185281
30025118640000	FAE II Operating LLC	ARNOTT RAMSAY NCT-B #1	3400	GAS	JALMAT; TAN-YATES-7 RVRS	1898	4/28/1935	8/8/1935	25S	37E	32	330 FWL 990 FSL	32.082090	-103.191730	32.082214	-103.192206
30025433600000	OWL SWD OPERATING LLC	KIMBERLY SWD 1		SWD	SWD; DEVONIAN-SILURIAN	2005			25S	37E	31	287 FEL 1450 FSL	32.083360	-103.193730	32.083484	-103.194206
SU_25S-37E_32JJ	FAE II Operating LLC	ARNOTT RAMSAY NCT-B #17		LOC-INJ	Location-Injection	2052			25S	37E	32	1350 FSL & 2635 FEL	32.083084	-103.184291	32.083208	-103.184769
30025118570000	CIMAREX ENERGY CO OF COLORADO	M F LEGAL #2	3350	PLUGGAS	Plugged	2115	8/18/1951	9/30/1951	25S	37E	31	660 FEL 1980 FSL	32.084820	-103.194940	32.084944	-103.195416
30025262800000	FAE II Operating LLC	ARNOTT RAMSAY NCT-B #8	3630	OIL	JALMAT; TAN-YATES-7 RVRS	2145	4/26/1979	7/19/1979	25S	37E	32	1980 FWL 660 FSL	32.081190	-103.186390	32.081314	-103.186868
30025261060000	FAE II Operating LLC	ARNOTT RAMSAY NCT-B #4	3600	SWD	SWD; SEVEN RIVERS-QUEEN	2158	12/27/1978	2/7/1979	25S	37E	32	330 FWL 330 FNL	32.092990	-103.191800	32.093114	-103.192278
30025262780000	FAE II Operating LLC	ARNOTT RAMSAY NCT-B #6	3600	OIL	LANGLIE MATTIX; 7 RVRS-Q-GRAYBURG	2400	4/6/1979	6/8/1979	25S	37E	32	1980 FEL 1980 FSL	32.084820	-103.182120	32.084944	-103.182596

Exhibit B4

UWI/API	OPERATOR	WELL LABEL	TD	WELL TYPE	CURRENT ZONE	Distance	SPUD DATE	COMP DATE	TOWNSHIP	RANGE	SECTION	FOOTAGE	NAD27-SURFLAT	NAD27-SURFLON	WGS84-SURFLAT	WGS84-SURFLON
SU_25S-37E_32GG	FAE II Operating LLC	ARNOTT RAMSAY NCT-B #16		LOC-INJ	Location-Injection	0			25S	37E	32	2625 FNL & 2630 FEL	32.086664	-103.184285	32.086788	-103.184763
30025269620000	FAE II Operating LLC	ARNOTT RAMSAY NCT-B #10	3400	OIL	JALMAT; TAN-YATES-7 RVRS	932	9/5/1980	10/10/1980	25S	37E	32	1980 FWL 1980 FNL	32.088470	-103.186440	32.088594	-103.186918
30025267570000	FAE II Operating LLC	ARNOTT RAMSAY NCT-B #9	3450	OIL	LANGLIE MATTIX; 7 RVRS-Q-GRAYBURG	935	4/22/1980	5/28/1980	25S	37E	32	1980 FWL 1980 FSL	32.084820	-103.186420	32.084944	-103.186898
30025262780000	FAE II Operating LLC	ARNOTT RAMSAY NCT-B #6	3600	OIL	LANGLIE MATTIX; 7 RVRS-Q-GRAYBURG	942	4/6/1979	6/8/1979	25S	37E	32	1980 FEL 1980 FSL	32.084820	-103.182120	32.084944	-103.182598
SU_25S-37E_32JJ	FAE II Operating LLC	ARNOTT RAMSAY NCT-B #17		LOC-INJ	Location-Injection	1186			25S	37E	32	1350 FSL & 2635 FEL	32.083084	-103.184291	32.083208	-103.184769
SU_25S-37E_32BB	FAE II Operating LLC	ARNOTT RAMSAY NCT-B #18		LOC-INJ	Location-Injection	1384			25S	37E	32	1115 FNL & 2495 FWL	32.090808	-103.184803	32.090932	-103.185281
SU_25S-37E_32FF	FAE II Operating LLC	ARNOTT RAMSAY NCT-B #15		LOC-INJ	Location-Injection	1565			25S	37E	32	2455 FNL & 1195 FWL	32.087118	-103.188987	32.087242	-103.189465
30025306550000	FAE II Operating LLC	ARNOTT RAMSAY NCT-B #13	3159	OIL	JALMAT; TAN-YATES-7 RVRS	1677	9/6/1989	9/22/1989	25S	37E	32	1980 FEL 990 FSL	32.082100	-103.182100	32.082224	-103.182578
30025262790000	HARTMAN DOYLE	ARNOTT RAMSAY NCT-B #7	3600	PLUGOIL	Plugged	1836	4/14/1979	7/11/1979	25S	37E	32	990 FEL 2130 FSL	32.085240	-103.178930	32.085364	-103.179408
SU_25S-37E_32JI	FAE II Operating LLC	ARNOTT RAMSAY NCT-B #19		LOC-INJ	Location-Injection	1840			25S	37E	32	1340 FSL & 1330 FEL	32.083079	-103.180047	32.083203	-103.180525
30025262800000	FAE II Operating LLC	ARNOTT RAMSAY NCT-B #8	3630	OIL	JALMAT; TAN-YATES-7 RVRS	1944	4/26/1979	7/19/1979	25S	37E	32	1980 FWL 660 FSL	32.081190	-103.186390	32.081314	-103.186868
30025269630000	FAE II Operating LLC	ARNOTT RAMSAY NCT-B #11	3473	LOC-INJ / TA	JALMAT; TAN-YATES-7 RVRS	1987	11/21/1981	1/20/1982	25S	37E	32	990 FWL 1650 FSL	32.083910	-103.189610	32.084034	-103.190088
SU_25S-37E_32CC	FAE II Operating LLC	ARNOTT RAMSAY NCT-B #14		LOC-INJ	Location-Injection	2142			25S	37E	32	1060 FNL & 1160 FWL	32.090940	-103.189133	32.091064	-103.189611
30025118620000	CHEVRON U S A INCORPORATED	ARNOTT RAMSAY NCT B #2	3225	PLUGGAS	Plugged	2205	8/22/1955	10/9/1955	25S	37E	32	660 FEL 1980 FNL	32.088500	-103.177890	32.088624	-103.178368
30025275510000	FAE II Operating LLC	ARNOTT RAMSAY NCT-B #12	3620	OIL	JALMAT; TAN-YATES-7 RVRS	2328	1/13/1982	3/18/1982	25S	37E	32	1480 FEL 500 FSL	32.080760	-103.180480	32.080884	-103.180958
30025261050000	HARTMAN DOYLE	ARNOTT RAMSAY NCT-B #5	3500	PLUGOIL	Plugged	2373	12/20/1978	1/19/1979	25S	37E	32	1650 FEL 330 FSL	32.080290	-103.181020	32.080414	-103.181498

Exhibit B5

UWI/API	OPERATOR	WELL LABEL	TD	WELL TYPE	CURRENT ZONE	Distance	SPUD DATE	COMP DATE	TOWNSHIP	RANGE	SECTION	FOOTAGE	NAD27-SURFLAT	NAD27-SURFLON	WGS84-SURFLAT	WGS84-SURFLON
SU_25S-37E_32JJ	FAE II Operating LLC	ARNOTT RAMSAY NCT-B #17		LOC-INJ	Location-Injection	0			25S	37E	32	1350 FSL & 2635 FEL	32.083084	-103.184291	32.083208	-103.184769
30025306550000	FAE II Operating LLC	ARNOTT RAMSAY NCT-B #13	3159	OIL	JALMAT; TAN-YATES-7 RVRS	796	9/6/1989	9/22/1989	25S	37E	32	1980 FEL 990 FSL	32.082100	-103.182100	32.082224	-103.182578
30025267570000	FAE II Operating LLC	ARNOTT RAMSAY NCT-B #9	3450	OIL	LANGLIE MATTIX; 7 RVRS-Q-GRAYBURG	910	4/22/1980	5/28/1980	25S	37E	32	1980 FWL 1980 FSL	32.084820	-103.186420	32.084944	-103.186896
30025262780000	FAE II Operating LLC	ARNOTT RAMSAY NCT-B #6	3600	OIL	LANGLIE MATTIX; 7 RVRS-Q-GRAYBURG	921	4/6/1979	6/8/1979	25S	37E	32	1980 FEL 1980 FSL	32.084820	-103.182120	32.084944	-103.182596
30025262800000	FAE II Operating LLC	ARNOTT RAMSAY NCT-B #8	3630	OIL	JALMAT; TAN-YATES-7 RVRS	937	4/26/1979	7/19/1979	25S	37E	32	1980 FWL 660 FSL	32.081190	-103.186390	32.081314	-103.186868
SU_25S-37E_32GG	FAE II Operating LLC	ARNOTT RAMSAY NCT-B #16		LOC-INJ	Location-Injection	1186			25S	37E	32	2625 FNL & 2630 FEL	32.086664	-103.184285	32.086788	-103.184763
SU_25S-37E_32II	FAE II Operating LLC	ARNOTT RAMSAY NCT-B #19		LOC-INJ	Location-Injection	1406			25S	37E	32	1340 FSL & 1330 FEL	32.083079	-103.180047	32.083203	-103.180525
30025261050000	HARTMAN DOYLE	ARNOTT RAMSAY NCT-B #5	3500	PLUGOIL	Plugged	1426	12/20/1978	1/19/1979	25S	37E	32	1650 FEL 330 FSL	32.080290	-103.181020	32.080414	-103.181498
30025275510000	FAE II Operating LLC	ARNOTT RAMSAY NCT-B #12	3620	OIL	JALMAT; TAN-YATES-7 RVRS	1479	1/13/1982	3/18/1982	25S	37E	32	1480 FEL 500 FSL	32.080760	-103.180480	32.080884	-103.180958
30025269630000	FAE II Operating LLC	ARNOTT RAMSAY NCT-B #11	3473	LOC-INJ / TA	JALMAT; TAN-YATES-7 RVRS	1784	11/21/1981	1/20/1982	25S	37E	32	990 FWL 1650 FSL	32.083910	-103.189610	32.084034	-103.190088
30025262790000	HARTMAN DOYLE	ARNOTT RAMSAY NCT-B #7	3600	PLUGOIL	Plugged	1915	4/14/1979	7/11/1979	25S	37E	32	990 FEL 2130 FSL	32.085240	-103.178930	32.085364	-103.179408
30025269620000	FAE II Operating LLC	ARNOTT RAMSAY NCT-B #10	3400	OIL	JALMAT; TAN-YATES-7 RVRS	1922	9/5/1980	10/10/1980	25S	37E	32	1980 FWL 1980 FNL	32.088470	-103.186440	32.088594	-103.186918
30025281140000	CIMAREX ENERGY CO OF COLORADO	RHODES FEDERAL UNIT #52	3607	PLUGGAS	Plugged	1968	6/13/1983	7/21/1983	26S	37E	5	1980 FEL 660 FNL	32.077570	-103.182090	32.077694	-103.182568
SU_25S-37E_32FF	FAE II Operating LLC	ARNOTT RAMSAY NCT-B #15		LOC-INJ	Location-Injection	2052			25S	37E	32	2455 FNL & 1195 FWL	32.087118	-103.188987	32.087242	-103.189465
30025313390000	FAE II Operating LLC	RHODES FEDERAL UNIT #53	3100	GAS	RHODES; YATES-SEVEN RIVERS	2338	8/20/1991	9/20/1991	26S	37E	5	1980 FWL 1100 FNL	32.076350	-103.186390	32.076474	-103.186868
30025118640000	FAE II Operating LLC	ARNOTT RAMSAY NCT-B #1	3400	GAS	JALMAT; TAN-YATES-7 RVRS	2487	4/28/1935	8/8/1935	25S	37E	32	330 FWL 990 FSL	32.082090	-103.191730	32.082214	-103.192208
SU_25S-37E_32BB	FAE II Operating LLC	ARNOTT RAMSAY NCT-B #18		LOC-INJ	Location-Injection	2565			25S	37E	32	1115 FNL & 2495 FWL	32.090808	-103.184803	32.090932	-103.185281

Exhibit B6

UWI/API	OPERATOR	WELL LABEL	TD	WELL TYPE	CURRENT ZONE	Distance	SPUD DATE	COMP DATE	TOWNSHIP	RANGE	SECTION	FOOTAGE	NAD27-SURFLAT	NAD27-SURFLON	WGS84-SURFLAT	WGS84-SURFLON
SU_25S-37E_32BB	FAE II Operating LLC	ARNOTT RAMSAY NCT-B #18		LOC-INJ	Location-Injection	0			25S	37E	32	1115 FNL & 2495 FWL	32.090808	-103.184803	32.090932	-103.185281
30025269620000	FAE II Operating LLC	ARNOTT RAMSAY NCT-B #10	3400	OIL	JALMAT; TAN-YATES-7 RVRS	946	9/5/1980	10/10/1980	25S	37E	32	1980 FWL 1980 FNL	32.088470	-103.186440	32.088594	-103.186916
SU_25S-37E_32GG	FAE II Operating LLC	ARNOTT RAMSAY NCT-B #16		LOC-INJ	Location-Injection	1384			25S	37E	32	2625 FNL & 2630 FEL	32.086664	-103.184285	32.086788	-103.184763
SU_25S-37E_32CC	FAE II Operating LLC	ARNOTT RAMSAY NCT-B #14		LOC-INJ	Location-Injection	1436			25S	37E	32	1060 FNL & 1160 FWL	32.090940	-103.189133	32.091064	-103.189611
30025118230000	AMERADA OLSEN & PEERLES	IMA HAYS 1	8576	DRY	Plugged	1723	11/29/1956	1/31/1957	25S	37E	29	1980 FWL 660 FSL	32.095730	-103.186480	32.095854	-103.186958
30025118340000	BURLESON LEWIS B INCORPORATED	JENKINS 3	3443	PLUGGAS	Plugged	1808	11/20/1951	5/12/1952	25S	37E	29	1980 FWL 760 FSL	32.096000	-103.186480	32.096124	-103.186958
30025118360000	AMERICAN INLAND RESOURCES COMPANY LLC	CROSBY A #1	3100	PLUGGAS	Plugged	1848	2/23/1929	10/24/1929	25S	37E	29	1980 FEL 660 FSL	32.095740	-103.182200	32.095864	-103.182678
SU_25S-37E_32FF	FAE II Operating LLC	ARNOTT RAMSAY NCT-B #15		LOC-INJ	Location-Injection	1849			25S	37E	32	2455 FNL & 1195 FWL	32.087118	-103.188987	32.087242	-103.189465
30025267570000	FAE II Operating LLC	ARNOTT RAMSAY NCT-B #9	3450	OIL	LANGLIE MATTIX; 7 RVRS-Q-GRAYBURG	2055	4/22/1980	5/28/1980	25S	37E	32	1980 FWL 1980 FSL	32.084820	-103.186420	32.084944	-103.186898
30025262780000	FAE II Operating LLC	ARNOTT RAMSAY NCT-B #6	3600	OIL	LANGLIE MATTIX; 7 RVRS-Q-GRAYBURG	2175	4/6/1979	6/8/1979	25S	37E	32	1980 FEL 1980 FSL	32.084820	-103.182120	32.084944	-103.182598
30025118630000	FAE II Operating LLC	ARNOTT RAMSAY NCT-B #3	8797	TA	TA	2384	10/26/1956	3/8/1957	25S	37E	32	600 FEL 660 FNL	32.092120	-103.177730	32.092244	-103.178208
30025118620000	CHEVRON U S A INCORPORATED	ARNOTT RAMSAY NCT B #2	3225	PLUGGAS	Plugged	2415	8/22/1955	10/9/1955	25S	37E	32	660 FEL 1980 FNL	32.088500	-103.177890	32.088624	-103.178368
30025261060000	FAE II Operating LLC	ARNOTT RAMSAY NCT-B #4	3600	SWD	SWD; SEVEN RIVERS-QUEEN	2429	12/27/1978	2/7/1979	25S	37E	32	330 FWL 330 FNL	32.092990	-103.191800	32.093114	-103.192278
SU_25S-37E_32JJ	FAE II Operating LLC	ARNOTT RAMSAY NCT-B #17		LOC-INJ	Location-Injection	2565			25S	37E	32	1350 FSL & 2635 FEL	32.083084	-103.184291	32.083208	-103.184769
30025262790000	HARTMAN DOYLE	ARNOTT RAMSAY NCT-B #7	3600	PLUGOIL	Plugged	2682	4/14/1979	7/11/1979	25S	37E	32	990 FEL 2130 FSL	32.085240	-103.178930	32.085364	-103.179408

Exhibit B7

UWI/API	OPERATOR	WELL LABEL	TD	WELL TYPE	CURRENT ZONE	Distance	SPUD DATE	COMP DATE	TOWNSHIP	RANGE	SECTION	FOOTAGE	NAD27-SURFLAT	NAD27-SURFLON	WGS84-SURFLAT	WGS84-SURFLON
SU_25S-37E_32II	FAE II Operating LLC	ARNOTT RAMSAY NCT-B #19		LOC-INJ	Location-Injection	0			25S	37E	32	1340 FSL & 1330 FEL	32.083079	-103.180047	32.083203	-103.180525
30025306550000	FAE II Operating LLC	ARNOTT RAMSAY NCT-B #13	3159	OIL	JALMAT; TAN-YATES-7 RVRS	754	9/6/1989	9/22/1989	25S	37E	32	1980 FEL 990 FSL	32.082100	-103.182100	32.082224	-103.182578
30025275510000	FAE II Operating LLC	ARNOTT RAMSAY NCT-B #12	3620	OIL	JALMAT; TAN-YATES-7 RVRS	782	1/13/1982	3/18/1982	25S	37E	32	1480 FEL 500 FSL	32.080760	-103.180480	32.080884	-103.180958
30025262790000	HARTMAN DOYLE	ARNOTT RAMSAY NCT-B #7	3600	PLUGOIL	Plugged	806	4/14/1979	7/11/1979	25S	37E	32	990 FEL 2130 FSL	32.085240	-103.178930	32.085364	-103.179408
30025262780000	FAE II Operating LLC	ARNOTT RAMSAY NCT-B #6	3600	OIL	LANGLIE MATTIX; 7 RVRS-Q-GRAYBURG	897	4/6/1979	6/8/1979	25S	37E	32	1980 FEL 1980 FSL	32.084820	-103.182120	32.084944	-103.182598
30025261050000	HARTMAN DOYLE	ARNOTT RAMSAY NCT-B #5	3500	PLUGOIL	Plugged	979	12/20/1978	1/19/1979	25S	37E	32	1650 FEL 330 FSL	32.080290	-103.181020	32.080414	-103.181498
SU_25S-37E_32JJ	FAE II Operating LLC	ARNOTT RAMSAY NCT-B #17		LOC-INJ	Location-Injection	1406			25S	37E	32	1350 FSL & 2635 FEL	32.083084	-103.184291	32.083208	-103.184769
SU_25S-37E_32GG	FAE II Operating LLC	ARNOTT RAMSAY NCT-B #16		LOC-INJ	Location-Injection	1840			25S	37E	32	2625 FNL & 2630 FEL	32.086664	-103.184285	32.086788	-103.184763
30025118620000	CHEVRON U S A INCORPORATED	ARNOTT RAMSAY NCT B #2	3225	PLUGGAS	Plugged	1933	8/22/1955	10/9/1955	25S	37E	32	660 FEL 1980 FNL	32.088500	-103.177890	32.088624	-103.178368
30025281140000	CIMAREX ENERGY CO OF COLORADO	RHODES FEDERAL UNIT #52	3607	PLUGGAS	Plugged	1947	6/13/1983	7/21/1983	26S	37E	5	1980 FEL 660 FNL	32.077570	-103.182090	32.077694	-103.182568
30025119550000	EL PASO NATURAL GAS COMPANY	SHEPARD-FEDERAL B 3	3290	PLUGGAS	Plugged	2161	1/14/1937	4/6/1937	26S	37E	5	990 FEL 990 FNL	32.076660	-103.178900	32.076784	-103.179378
30025267570000	FAE II Operating LLC	ARNOTT RAMSAY NCT-B #9	3450	OIL	LANGLIE MATTIX; 7 RVRS-Q-GRAYBURG	2189	4/22/1980	5/28/1980	25S	37E	32	1980 FWL 1980 FSL	32.084820	-103.186420	32.084944	-103.186898
30025262800000	FAE II Operating LLC	ARNOTT RAMSAY NCT-B #8	3630	OIL	JALMAT; TAN-YATES-7 RVRS	2193	4/26/1979	7/19/1979	25S	37E	32	1980 FWL 660 FSL	32.081190	-103.186390	32.081314	-103.186868
30025118810000	CIMAREX ENERGY CO OF COLORADO	EL PASO TOM FEDERAL #7	3214	PLUGOIL	Plugged	2215	9/12/1954	10/1/1954	25S	37E	33	660 FWL 1980 FSL	32.084840	-103.173600	32.084964	-103.174078
30025118740000	FAE II Operating LLC	R O GREGORY #3	3285	OIL	JALMAT; TAN-YATES-7 RVRS	2339	8/16/1960	10/4/1960	25S	37E	33	660 FWL 330 FSL	32.080300	-103.173560	32.080424	-103.174038

VI. Exhibit C1

IMA Hays 1

API# 30-025-11823
1980 FWL 660 FSL,
Sec 29, T25S, R37E Lea Co., NM

Forty Acres Energy

Well Name	IMA HAYS 1
County	Lea County, NM
Location	29-25S-37E
API	30-025-11823

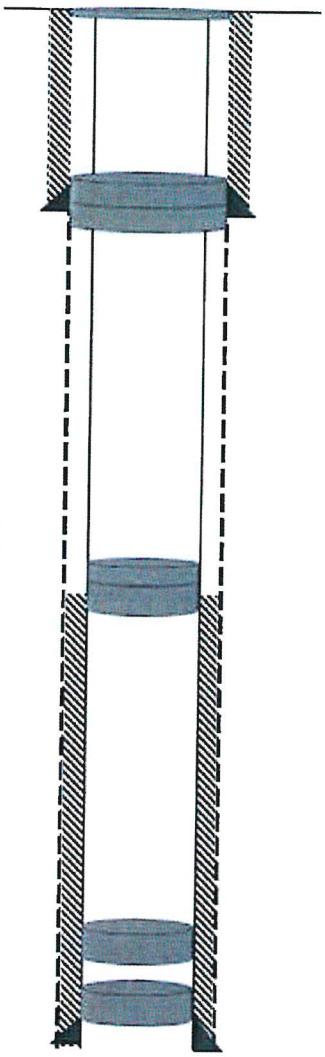
10/3/2019

Status: Plugged

Cum Oil: 0 Mbo

Surface Casing

OD	13.375"
WT	36#
Depth	600'
TOC	Surface'
# sks	600
Hole	17.5"



Plugging Profile

	Type	Depth	TOC
1	Cement	8,350	8,236
2	Cement	7,650	7,536
3	Cement	3,757	3,700
4	Cement	3,700	3,644
5	Cement	642	619
6	Cement	619	596
7	Cement	28	15

Cut Casing @ '

Objective

Perforations

Pl Top		Pl Bot
-	-	-
-	-	-
-	-	-
-	-	-

Production Casing

OD	8.625"
WT	32#
Depth	3704'
TOC	835'
# sks	1000
Hole	11"

PBTD	'
TD	8576'

Step	Procedure
1	
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Geologist's Notes

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VI. Exhibit C2

JENKINS 1

API# 30-025-11831
1980 FEL 1980 FSL,
Sec 36, T25S, R36E Lea Co., NM

Forty Acres Energy

Well Name	JENKINS 1
County	Lea County, NM
Location	36-25S-36E
API	30-025-11831

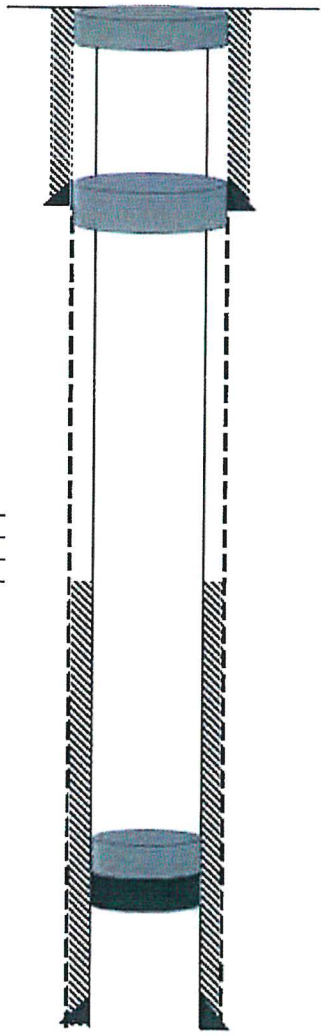
1/6/2020

Status: 0

Cum Oil: 0 Mbo

Surface Casing

OD	8.625"
WT	32#
Depth	295'
TOC	Surface'
# sks	100
Hole	10.75"



Plugging Profile

	Type	Depth	TOC
1	CIBP	2,650	-
2	Cement	2,650	2,605
3	Cement	540	398
4	Cement	96	Surface
5	0	-	-

Cut Casing @ -

Objective

Perforations

Pl Top		Pl Bot
-	-	-
-	-	-
-	-	-
-	-	-

Production Casing

OD	5.5"
WT	15.5#
Depth	2686'
TOC	'
# sks	400
Hole	7.625"

PBTD	'
TD	3173'

Step	Procedure
1	
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Geologist's Notes

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VI. Exhibit C3

JENKINS #3

API# 30-025-11834
760 FSL 1980 FWL,
Sec 29, T25S, R37E Lea Co., NM

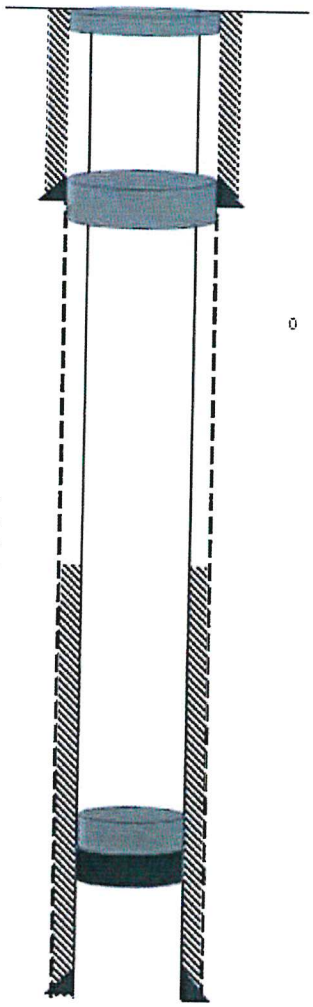
Forty Acres Energy

Well Name	JENKINS 3
County	Lea County, NM
Location	29-25S-37E
API	30-025-11834

10/2/2019

Surface Casing

OD	10.75"
WT	32#
Depth	298'
TOC	'
# sks	200
Hole	13.375"



Status: Plugged

Cum Oil: 0 Mbo

Plugging Profile

	Type	Depth	TOC
1	CIBP	2,810	
2	Cement	2,810	2,750
3	Cement	350	170
4	Cement	96	Surface
5	0	-	-

Cut Casing @ '

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Objective

Perforations

PI Top		PI Bot
3,032	-	3,102
3,070	-	3,086
-	-	-
-	-	-

Step	Procedure
1	
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Production Casing

OD	7"
WT	23#
Depth	3417'
TOC	'
# sks	400
Hole	8.625"

PBTD	'
TD	3417'

Geologist's Notes

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VI. Exhibit C4

CROSBY A #1

API# 30-025-11836
1980 FEL 660 FSL,
Sec 29, T25S, R37E Lea Co., NM

Forty Acres Energy

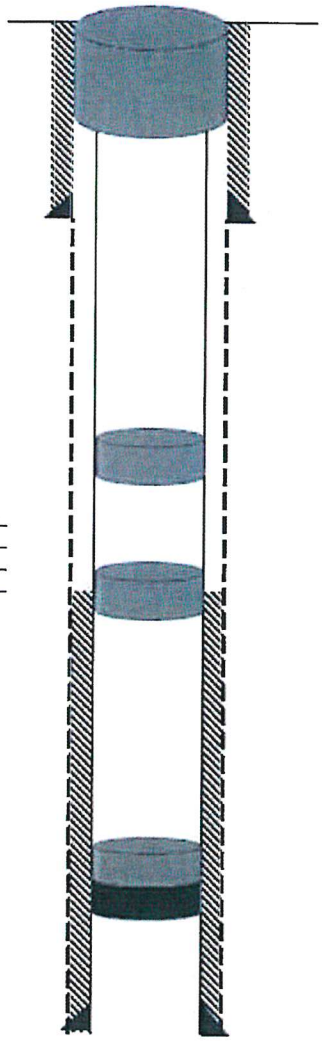
Well Name	RUBY S CROSBY-FED A 1
County	Lea County, NM
Location	29-25S-37E
API	30-025-11836

10/4/2019

Status: Plugged

Cum Oil: 0 Mbo

Surface Casing
OD 13.375"
WT 48#
Depth 940'
TOC '
sks 80
Hole "



Perforations

Pl Top		Pl Bot
2,595	-	3,016
-	-	-
-	-	-
-	-	-

Production Casing
OD 10.75"
WT 40#
Depth 1302'
TOC '
sks 150
Hole "

PBTD '
TD '

Plugging Profile

	Type	Depth	TOC
1	CIBP	2,550	-
2	Cement	2,550	2,318
3	Cement	1,900	1,650
4	Cement	1,350	1,160
5	Cement	250	Surface

Cut Casing @ '

Objective

Step	Procedure
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Geologist's Notes

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VI. Exhibit C5

WINNINGHAM 6

API# 30-025-11845
653 FEL 598 FSL,
Sec 19, T25S, R37E Lea Co., NM

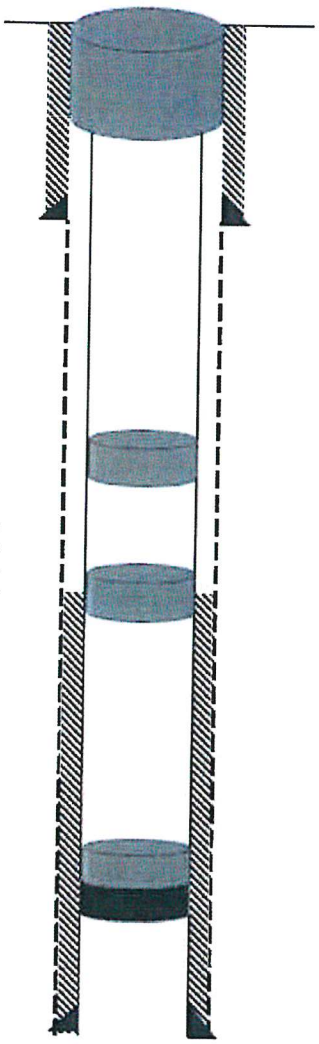
Forty Acres Energy

Well Name	RUBY S CROSBY-FED A 1
County	Lea County, NM
Location	23-25S-37E
API	30-025-11836

10/4/2019

Surface Casing

OD	13.375"
WT	48#
Depth	940'
TOC	'
# sks	80
Hole	"



Status: Plugged

Cum Oil: 0 Mbo

Plugging Profile

	Type	Depth	TOC
1	CIBP	2,550	-
2	Cement	2,550	2,318
3	Cement	1,900	1,650
4	Cement	1,350	1,160
5	Cement	250	Surface

Cut Casing @ '

Objective

Perforations

PI Top		PI Bot
2,595	-	3,016
-	-	-
-	-	-
-	-	-

Production Casing

OD	10.75"
WT	40#
Depth	1302'
TOC	'
# sks	150
Hole	"

PBTD '
TD '

Step	Procedure
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*Input procedure on this page

Geologist's Notes

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VI. Exhibit C6

LEGAL #1

API# 30-025-11856
660 FEL 660 FSL,
Sec 31, T25S, R37E Lea Co., NM

Forty Acres Energy

Well Name	LEGAL 1
County	Lea County, NM
Location	31-25S-37E
API	30-025-11856

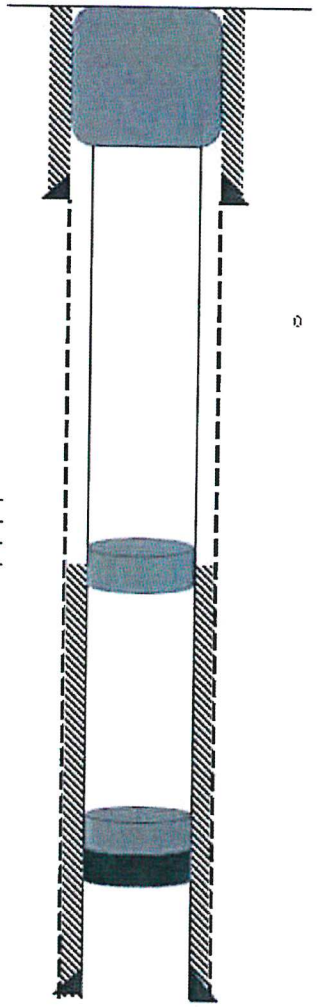
10/2/2019

Status: Plugged

Cum Oil: 0 Mbo

Surface Casing

OD	8.625"
WT	24#
Depth	238'
TOC	'
# sks	150
Hole	10.75"



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Plugging Profile

	Type	Depth	TOC
1	CIBP	2,710	-
2	Cement	2,710	2,510
3	Cement	1,185	1,077
4	Cement	409	Surface
5	0	-	-

Cut Casing @ '

Objective

Perforations

Pl Top		Pl Bot
-	-	-
-	-	-
-	-	-
-	-	-

Production Casing

OD	5.5"
WT	15.5#
Depth	3133'
TOC	'
# sks	400
Hole	7.875"

PBTD	'
TD	3254'

Step	Procedure
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Geologist's Notes

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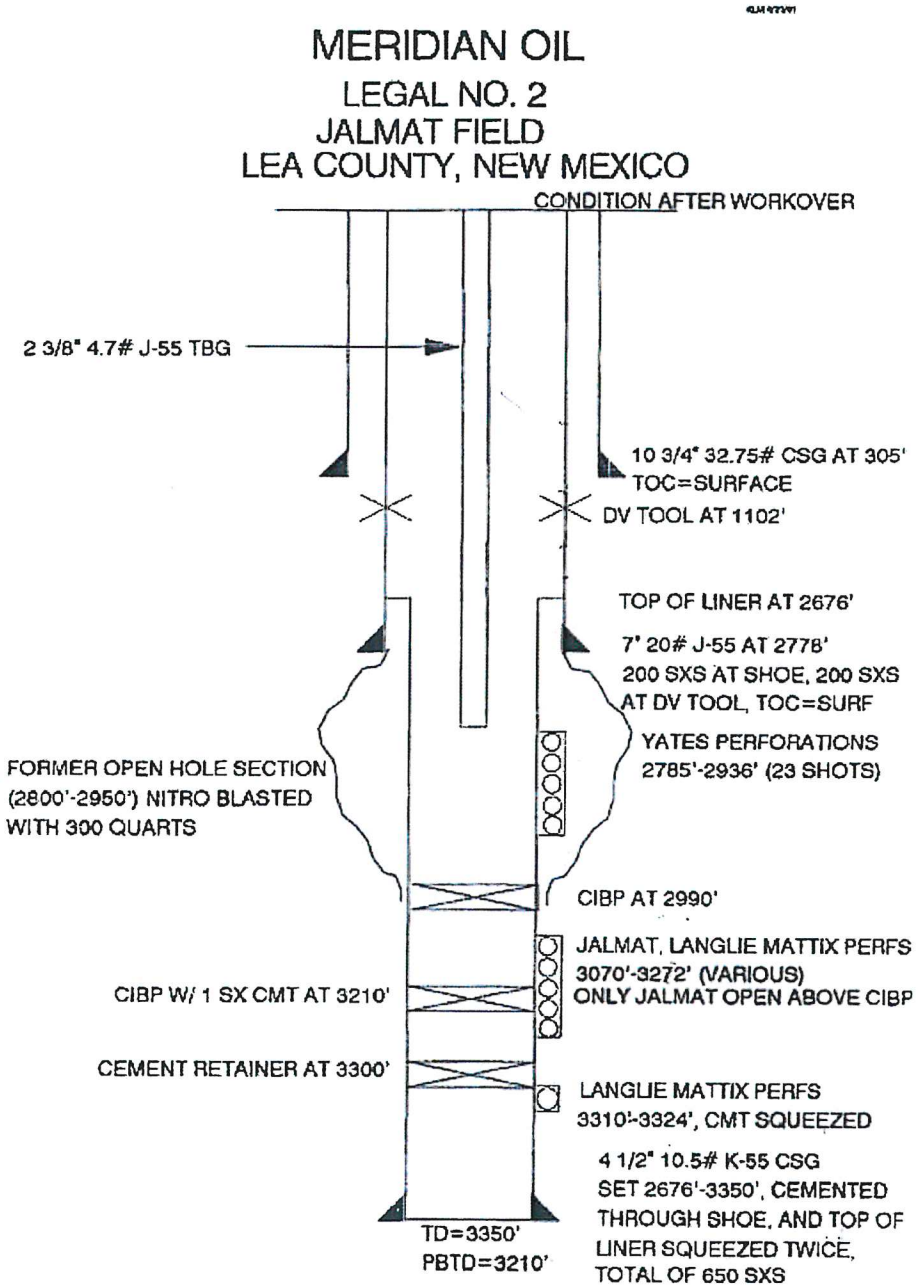
VI. Exhibit C7

M F LEGAL #2

API# 30-025-11857
660 FEL 1980 FSL,
Sec 31, T25S, R37E Lea Co., NM



VI. Exhibit C8

ARNOTT RAMSAY NCT B #2

API# 30-025-11862
660 FEL 1980 FNL,
Sec 32, T25S, R37E Lea Co., NM

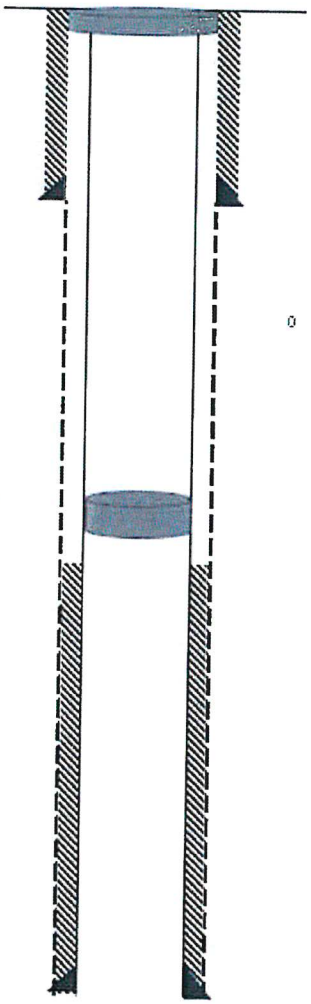
Forty Acres Energy

Well Name	ARNOTT RAMSAY B 2
County	Lea County, NM
Location	32-25S-37E
API	30-025-11862

10/2/2019

Surface Casing

OD	9.625"
WT	32.3#
Depth	305'
TOC	'
# sks	325
Hole	13.75"



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Status: 0

Cum Oil: 0 Mbo

Plugging Profile

	Type	Depth	TOC
1	Cement	1,285	995
2	Cement	63	Surface
3	0	-	-
4	0	-	-
5	0	-	-

Cut Casing @ '

Objective

Perforations

PI Top		PI Bot
2,792	-	2,820
2,634	-	2,738
2,660	-	2,682
2,578	-	2,650

Production Casing

OD	7"
WT	20#
Depth	3137'
TOC	'
# sks	1025
Hole	8.75"

PBTD	'
TD	3225'

Step	Procedure
1	
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Geologist's Notes

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VI. Exhibit C9

ARNOTT RAMSAY NCT-B #3

API# 30-025-11863
660 FEL 660 FNL,
Sec 32, T25S, R37E Lea Co., NM

Well Name: Arnott Ramsay NCT-B #3
Location: 660' FNL, 660 FEL Sec: 32 Township: 25S
County: Lea State: NM API: 30-025-11863

Lease Type: STATE
Range: 37E
Formation: JALMAT

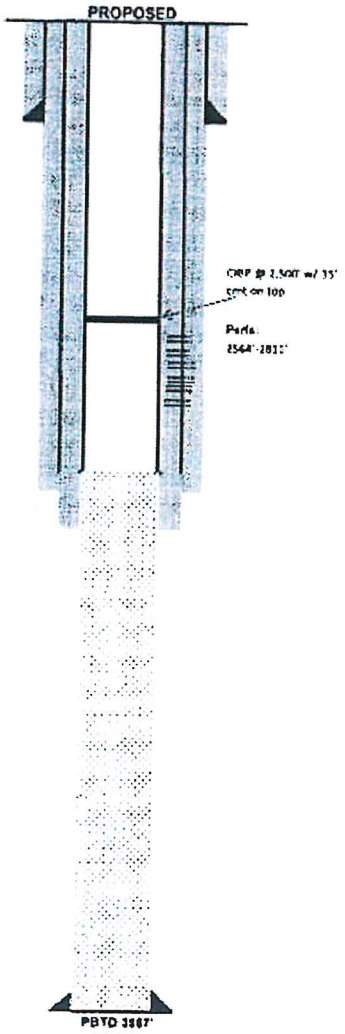
KB:
DF:
GL: 2902'
Spud Date: 11/21/1961
Compl. Date: 12/14/1961

Surface Csg
Size: 13-3/8"
Wt.&Thrd: 48#,
Grade: S-40
Set @: 484'
Sxs cmt: 600 sxs
Circ:
TOC: Surface
Hole Size: 13-3/8"

Intermediate Csg
Size: 8-5/8"
Wt.&Thrd: 32#
Grade: J-55
Set @: 3600'
Sxs cmt: 3388 sxs
Circ:
TOC: Surface
Hole Size: 11"

Production Csg
Size: 5-1/2"
Wt.&Thrd: 15.5#
Grade: K-55
Set @: 3570'
Sxs Cmt: 550 sxs
Circ:
TOC:
Hole Size: 7"

Production Csg
Size: 5-1/2"
Wt.&Thrd: 14#, 15.5#, 17#
Grade: N-80 & J-55
Set @: 4285'-8797'
Sxs Cmt: 500 sxs
Circ:
TOC:
Hole Size: 7-7/8"



History - Highlights

10/28/54: Spud 17 1/2" hole
11/7/54: Drilled to TD @ 8797
2/12/57: Well put to production. Producing from 8644'-8715' & 8747'-8797'

8/28-10/7/54: Well P&A'd by Gulf Oil Corporation. 50 sxs cmt. spotted from 8725'-8530', 25 sxs spotted to 4240', 25 sxs spotted to 3575'. Casing left in hole: 5-1/2" @ 4495', 8-5/8" @ 3583', 13-3/8" @ 477'

10/29/61: Doyle Hartman re-entered well
- Perf from 2900'-3091' sqz w/1500 sxs cmt
- Perf from 2567'-2811' sqz w/500 sxs cmt
- Perf from 2564'-2811' w/24 holes, acidize w/5200 gal 15% MCA SWF/224,053 gal. & 4500,000 lbs. sand. Isl production: 12/18/61

Tubulars - Capacities and Performance

	bbl/ft	cf/ft	Burst (psi)	Collapse (psi)	ID (in)	Drift (in)
2-3/8" 4.7# J-55 Tubing						
5-1/2" 14# K-55 Casing						
Annulus 2 3/8" - 5-1/2" tbg						

VI. Exhibit C10

EL PASO TOM FEDERAL #7

API# 30-025-11881
660 FEL 660 FSL,
Sec 33, T25S, R37E Lea Co., NM

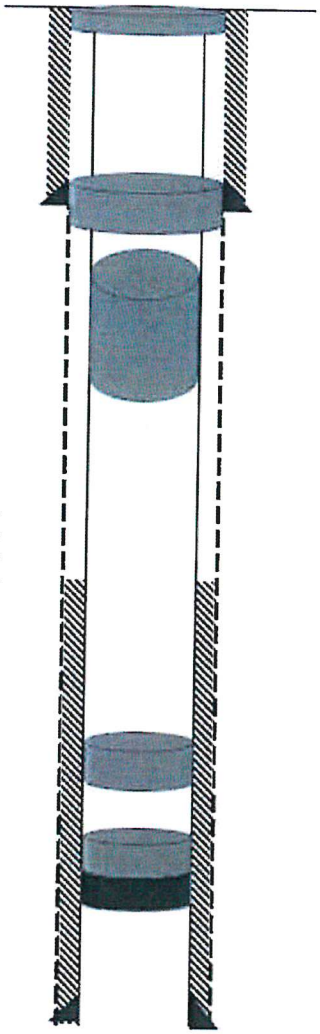
Forty Acres Energy

Well Name	GREGORY 2
County	Lea County, NM
Location	33-25S-37E
API	30-025-11881

10/3/2019

Surface Casing

OD	8.625"
WT	36#
Depth	293'
TOC	'
# sks	200
Hole	12.25"



Status: 0

Cum Oil: 0 Mbo

Plugging Profile

	Type	Depth	TOC
1	CIBP	2,920	-
2	Cement	2,920	2,740
3	Cement	2,457	2,300
4	Cement	1,250	770
5	Cement	410	283
6	Cement	63	Surface

Cut Casing @ -

Objective

Perforations

PI Top		PI Bot
2,330	-	-
345	-	-
63	-	-
-	-	-

Production Casing

OD	7"
WT	20#
Depth	3154'
TOC	'
# sks	300
Hole	8.75"

PBTD	'
TD	3214'

Step	Procedure
1	
2	
3	
4	
5	
6	
7	
8	
9	
10	

*Input procedure on this page

Geologist's Notes

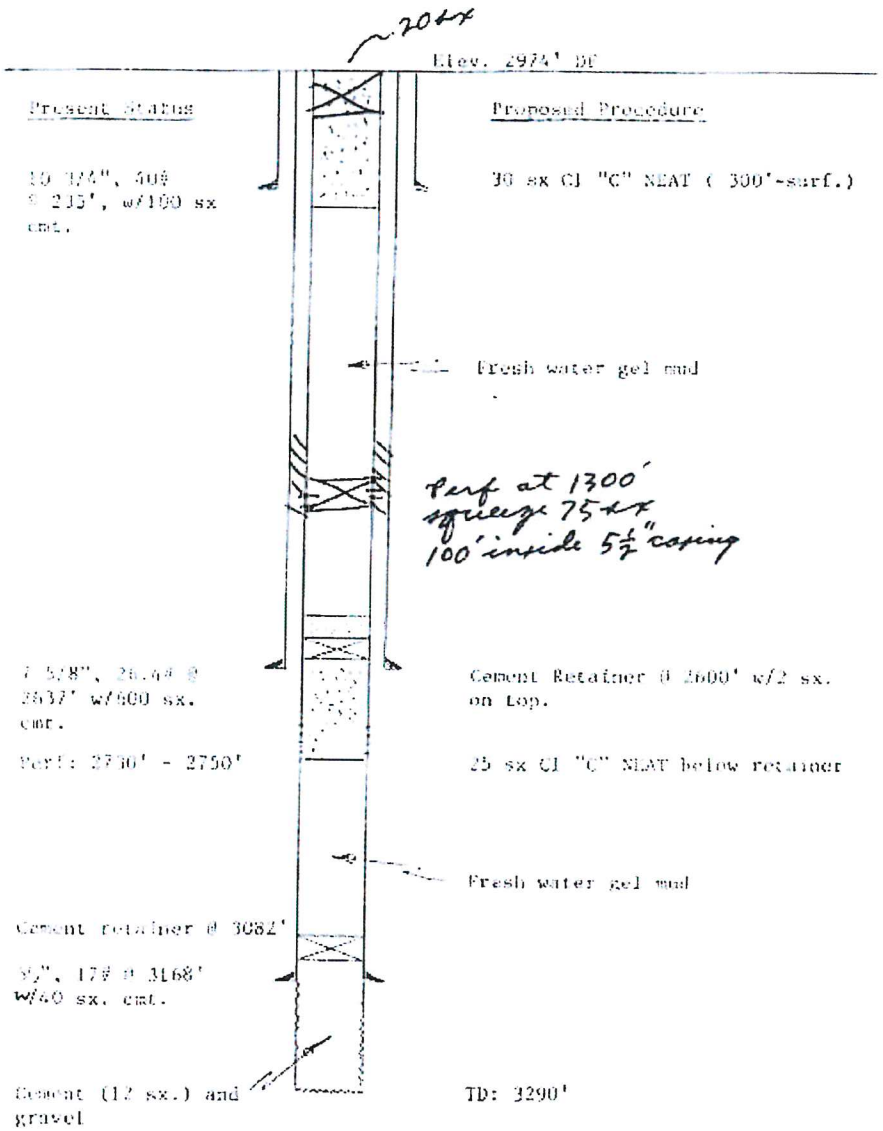
0

VI. Exhibit C11

SHEPARD-FEDERAL B 3

API# 30-025-11955
660 FNL 990 FEL,
Sec 5, T26S, R37E Lea Co., NM

Shepard "B" No. 3
Lea County, New Mexico
Proposed P & A Procedure



VI. Exhibit C12

ARNOTT RAMSAY NCT-B #5

API# 30-025-26105
1650 FEL 330 FSL,
Sec 32, T25S, R37E Lea Co., NM

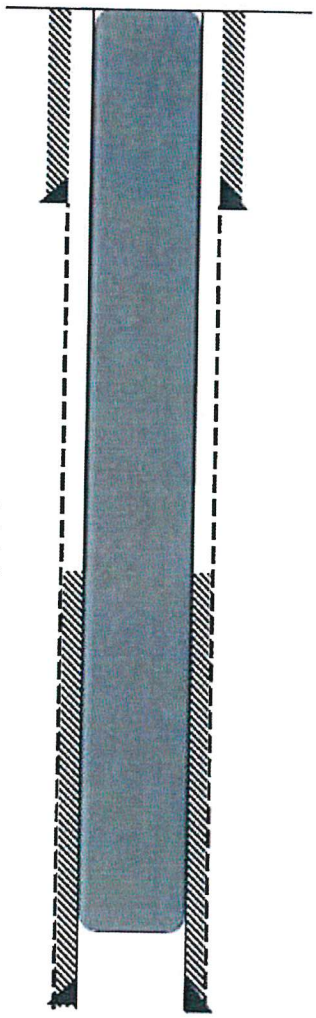
Forty Acres Energy

Well Name	ARNOTT-RAMSEY NCT-B
County	Lea County, NM
Location	32-25S-37E
API	30-025-26105

10/4/2019

Surface Casing

OD	8.625"
WT	24#
Depth	350'
TOC	Surface'
# sks	200
Hole	11"



Status: 0

Cum Oil: 0 Mbo

Plugging Profile

	Type	Depth	TOC
1	Cement	2,945	Surface
2	0	-	-
3	0	-	-
4	0	-	-
5	0	-	-

Cut Casing @ '

Objective

Perforations

PI Top		PI Bot
3,278	-	3,281
3,298	-	3,301
3,323	-	3,323
3,358	-	3,361

Production Casing

OD	4.5"
WT	9.5#
Depth	3498'
TOC	940'
# sks	925
Hole	7.875"

PBTD	'
TD	3500'

Step	Procedure
1	
2	
3	
4	
5	
6	
7	
8	
9	
10	

*Input procedure on this page

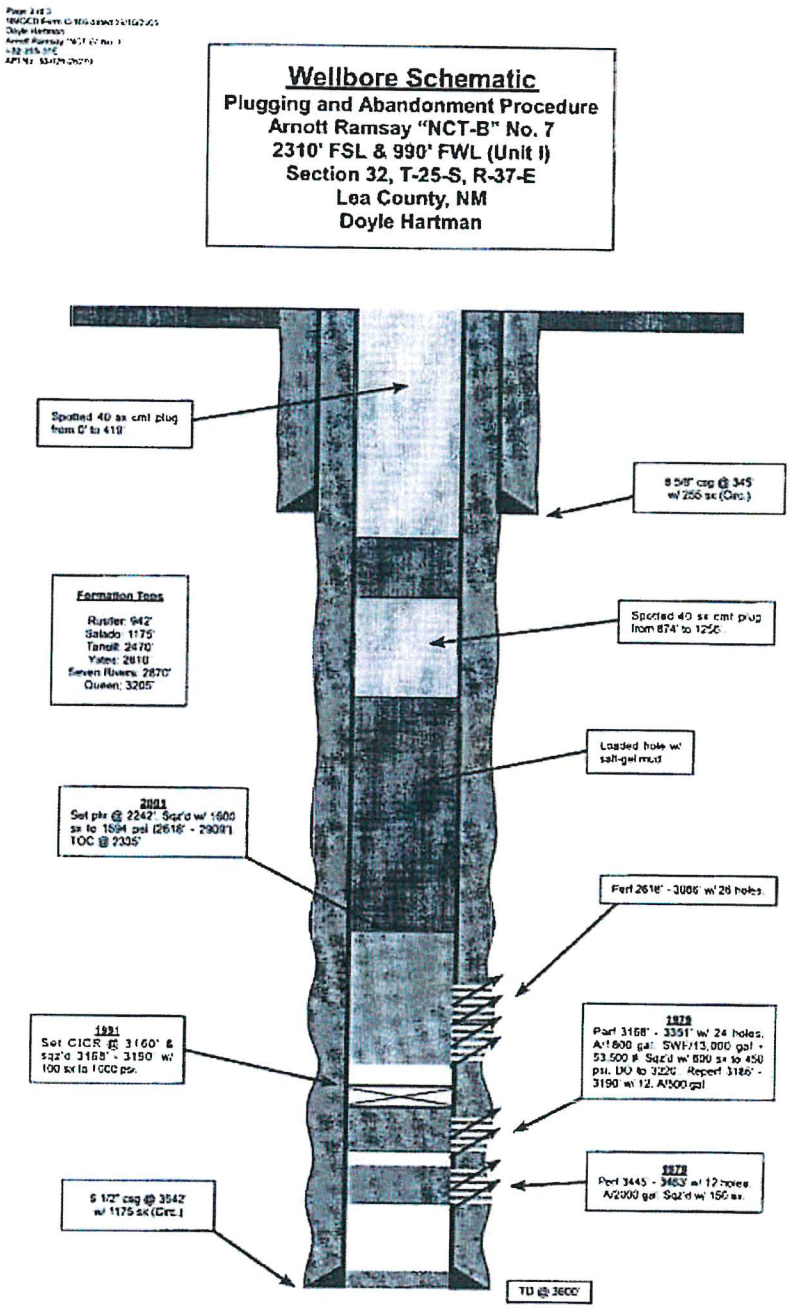
Geologist's Notes

0

VI. Exhibit C13

ARNOTT RAMSAY NCT-B #7

API# 30-025-26279
990 FEL 2130 FSL,
Sec 32, T25S, R37E Lea Co., NM



VI. Exhibit C14

RHODES FEDERAL UNIT #52

API# 30-025-28114
660 FEL 660 FNL,
Sec 5, T26S, R37E Lea Co., NM

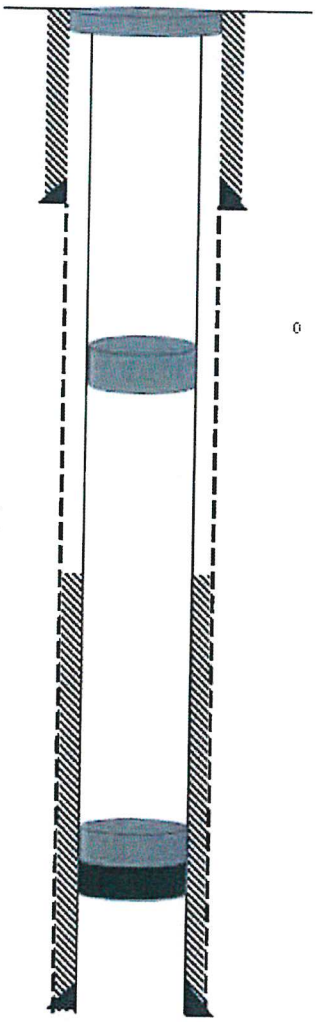
Forty Acres Energy

Well Name	SHEPRD C W `B` FDRL 7
County	Lea County, NM
Location	5-26S-37E
API	30-025-28114

10/2/2019

Surface Casing

OD	8.625"
WT	24#
Depth	1000'
TOC	'
# sks	750
Hole	12.25"



0

Status: 0

Cum Oil: 0 Mbo

Plugging Profile

	Type	Depth	TOC
1	CIBP	2,700	-
2	Cement	2,700	2,620
3	Cement	1,100	900
4	Cement	63	3
5	0	-	-

Cut Casing @ '

Objective

Perforations

PI Top		PI Bot
3,277	-	-
3,286	-	-
3,306	-	-
3,312	-	-

Production Casing

OD	5.5"
WT	15.5#
Depth	3607'
TOC	'
# sks	1025
Hole	7.875"

PBTD	'
TD	3607'

Step	Procedure
1	
2	
3	
4	
5	
6	
7	
8	
9	
10	

*Input procedure on this page

Geologist's Notes

0

VII. Proposed Injection Operation

1. Average injection rate target will be ~350 bpd. Maximum injection rate will be 800 bpd. These numbers are based off of typical injection rates in nearby Yates-Seven Rivers-Queen water floods.

2. The system will be a closed system. The injection well will not be made available for commercial disposal purposes.

3. Average injection pressure will be ~600 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 3,100' (or 620 psi maximum injection pressure). Pending results of a step rate test, the maximum injection pressure could potentially be increased to a factor of 0.6 psi/ft (or 1,860 psi at 3,100').

4. The water source will be produced water from a nearby wells and water transfer lines.

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

VIII. Geologic Data

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

Formation Tops Are:

Formation	Offset Top (ARNOTT RAMSAY NCT-B #11) 30-025-26963	Contents
Alluvium	GL	Fresh Water
Rustler	927	Anhydrite
Salado (top of salt)	1050	Salt
Tansil (base of salt)	2590	Gas, Oil, & Water
Yates	2740	Gas, Oil, & Water
Seven Rivers	2996	Gas, Oil, & Water
SR Injection Interval	*3100-3300*	*Gas, Oil, & Water*
Queen	4100	*Gas, Oil, & Water*
Total Depth	3950	

IX. Proposed Stimulation Program

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

X. Logging and Test Data for Wells

The ARNOTT RAMSAY NCT-B #11 will be converted from a producer to an injector. The well logs for this well have been submitted to the NMOCD previously.

Test Data for the above mentioned well is as follows:
Date: 1-20-1982
Perf Interval: 3270-81' w/16 holes (an interval between 3354-62' was cement squeezed)
Method: 1200 gals 15% slick NEFE HCL, (8) 7/8" RCNB's, 10500 gals 70 qual foam, & 12000# 20/40 sand.
Result: 24 hour test, 25 bbls oil, 24 bbls water, & 64 mcf gas on 36/64" choke.

Date: 9-9-1999
Perf Interval: 2743-3050' w/25 holes (lower perfs were cement squeezed)
Method: Acidize perfs with 7668 gal 15% MCA acid and 44 ball sealers.
Result: 190 MCFPD and 3 BOPD

The other 6 wells will be new drill injector wells.

XI. Chemical Analysis of Fresh Water Wells

According to records from the Office of the State Engineer (Exhibit D1-7a & D1-7b) there are between 7 and 14 active water wells within the 1 mile radius around the proposed ARNOTT RAMSAY NCT-B #11, #14, #15, #16, #17, #18, and #19. The ARNOTT RAMSAY NCT-B #14, #16, #17, and #19 have active water wells within a ½ mile radius.

FAE II Operating, LLC has obtained water analyses on 3 fresh water wells between 0.4 and 1.3 miles from the proposed injectors. The three water wells are the CP-01304, CP-01306, and CP-01308. The CP-01304, is 0.7 miles away from the AR NCT-B #11, 1 mile away from the AR NCT-B #14, 0.8 miles away from the AR NCT-B #15, 1 mile away from the AR NCT-B #16, 0.9 miles away from the AR NCT-B #17, is 1.1 miles away from the AR NCT-B #18, 1.2 miles away from the AR NCT-B #19, 459' (md) deep, with water found at 285' (md), and is considered an "artesian" water from the Dockum Aquifer. The second well, the CP-01306, is 0.8 miles away from the AR NCT-B #11, is 0.4 miles away from the AR NCT-B #14, is 0.6 miles away from the AR NCT-B #15, is 0.8 miles away from the AR NCT-B #16, is 1.0 mile away from the AR NCT-B #17, is 0.5 miles away from the AR NCT-B #18, is 1.1 miles away from the AR NCT-B #19, 458' (md) deep, with water found at 110' (md), and is considered an "artesian" water from the Dockum Aquifer. The third well, the CP-01308, is 0.8 miles away from the AR NCT-B #11, is 0.5 miles away from the AR NCT-B #14, is 0.7 miles away from the AR NCT-B #15, is 0.9 miles away from the AR NCT-B #16, is 1.1 mile away from the AR NCT-B #17, is 0.8 miles away from the AR NCT-B #18, is 1.3 miles away from the AR NCT-B #19, 420' (md) deep, with water found at 210' (md), and is considered an "artesian" water from the Dockum Aquifer. See **Exhibits E1, E2, and E3**.

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, FULFER OIL & CATTLE COMPANY LLC, and LANEXCO INCORPORATED are the offset operators.

Well: ARNOTT RAMSAY NCT-B #11
Location: Twn 25S Rge 37E Sec 32
Footages: ~*990 FWL 1650 FSL* ~
County: Lea

XI. Exhibit D1a

Location For Office of the State Engineer:
NAD 1983 UTM Zone 13
Easting (X): 670858.442 mtrs
Northing (Y): 3551170.032 mtrs

Water Wells Within 1 Mile Radius
** 10 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	Twp	Rng	X	Y	Distance	Depth Well	Depth Water	Water Column
CP 00900 POD1		CP	LE	4	3	4	32	25S	37E	671613	3550794*	843	101		
CP 00901 POD1		CP	LE	4	3	4	32	25S	37E	671613	3550794*	843	96		
CP 00902 POD1		CP	LE	4	3	4	32	25S	37E	671613	3550794*	843	95		
CP 00903 POD1		CP	LE	4	3	4	32	25S	37E	671613	3550794*	843	95		
CP 00904 POD1		CP	LE	4	3	4	32	25S	37E	671613	3550794*	843	97		
CP 00905 POD1		CP	LE	4	3	4	32	25S	37E	671613	3550794*	843	100		
CP 00906 POD1		CP	LE	4	3	4	32	25S	37E	671613	3550794*	843	102		
CP 01304 POD1		CP	LE	4	3	4	31	25S	37E	669863	3550797	1062	459	285	174
CP 01306 POD1		CP	LE	1	3	3	29	25S	37E	670622	3552502	1352	458	110	348
CP 01308 POD1		CP	LE	3	4	4	30	25S	37E	670086	3552295	1364	420	210	210

Average Depth to Water: **201 feet**
Minimum Depth: **110 feet**
Maximum Depth: **285 feet**

Record Count: 10

UTMNAD83 Radius Search (in meters):

Easting (X): 670858.442 Northing (Y): 3551170 Radius: 1609.3

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

Well: ARNOTT RAMSAY NCT-B #11
Location: Twn 25S Rge 37E Sec 32
Footages: ~*990 FWL 1650 FSL*~
County: Lea

XI. Exhibit D1b

Location For Office of the State Engineer:
NAD 1983 UTM Zone 13
Easting (X): 670858.442 mtrs
Northing (Y): 3551170.032 mtrs

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 00900 POD1		CP	LE	4	3	4	32	25S	37E	671613	3550794*	843	101		
CP 00901 POD1		CP	LE	4	3	4	32	25S	37E	671613	3550794*	843	96		
CP 00902 POD1		CP	LE	4	3	4	32	25S	37E	671613	3550794*	843	95		
CP 00903 POD1		CP	LE	4	3	4	32	25S	37E	671613	3550794*	843	95		
CP 00904 POD1		CP	LE	4	3	4	32	25S	37E	671613	3550794*	843	97		
CP 00905 POD1		CP	LE	4	3	4	32	25S	37E	671613	3550794*	843	100		
CP 00906 POD1		CP	LE	4	3	4	32	25S	37E	671613	3550794*	843	102		
CP 01304 POD1		CP	LE	4	3	4	31	25S	37E	669863	3550797	1062	459	285	174
CP 01306 POD1		CP	LE	1	3	3	29	25S	37E	670622	3552502	1352	458	110	348
CP 01308 POD1		CP	LE	3	4	4	30	25S	37E	670086	3552295	1364	420	210	210

Water Analysis Available

0.7 Miles away
0.8 Miles away
0.8 Miles away

Average Depth to Water: **201 feet**
Minimum Depth: **110 feet**
Maximum Depth: **285 feet**

Record Count: 10

UTMNAD83 Radius Search (in meters):

Easting (X): 670858 442 Northing (Y): 3551170 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.

1/28/20 9 16 PM

WATER COLUMN/ AVERAGE DEPTH TO WATER

Well: ARNOTT RAMSAY NCT-B #14
Location: Twn 25S Rge 37E Sec 32
Footages: ~*1060 FNL 1160 FWL* ~
County: Lea

XI. Exhibit D2a

Location For Office of the State Engineer:
NAD 1983 UTM Zone 13
Easting (X): 670890.376 mtrs
Northing (Y): 3551950.192 mtrs

Water Wells Within 1 Mile Radius
** 14 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 01306 POD1		CP	LE	1	3	3	29	25S	37E	670622	3552502	613	458	110	348
CP 01302 POD1		CP	LE	3	4	4	30	25S	37E	670086	3552295	875	420	210	210
CP 01256 POD4		CP	LE	3	2	3	29	25S	37E	670994	3552889	944	440	210	230
CP 01256 POD3		CP	LE	4	1	3	29	25S	37E	670707	3552893	961	450	190	260
CP 00900 POD1		CP	LE	4	3	4	32	25S	37E	671613	3550794*	1363	101		
CP 00901 POD1		CP	LE	4	3	4	32	25S	37E	671613	3550794*	1363	96		
CP 00902 POD1		CP	LE	4	3	4	32	25S	37E	671613	3550794*	1363	95		
CP 00903 POD1		CP	LE	4	3	4	32	25S	37E	671613	3550794*	1363	95		
CP 00904 POD1		CP	LE	4	3	4	32	25S	37E	671613	3550794*	1363	97		
CP 00905 POD1		CP	LE	4	3	4	32	25S	37E	671613	3550794*	1363	100		
CP 00906 POD1		CP	LE	4	3	4	32	25S	37E	671613	3550794*	1363	102		
CP 00387		CP	LE		3	2	29	25S	37E	671472	3553308*	1477	422	210	212
CP 01304 POD1		CP	LE	4	3	4	31	25S	37E	669863	3550797	1544	459	285	174
CP 00774		CP	LE			1	29	25S	37E	670869	3553495*	1544	100	60	40

Average Depth to Water: **182 feet**
Minimum Depth: **60 feet**
Maximum Depth: **285 feet**

Record Count: 14

UTMNAD83 Radius Search (in meters):

Easting (X): 670890.376 Northing (Y): 3551950.192 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.

1/29/20 11:10 AM

WATER COLUMN/ AVERAGE DEPTH TO WATER

37

Well: ARNOTT RAMSAY NCT-B #14
Location: Twn 25S Rge 37E Sec 32
Footages: ~*1060 FNL 1160 FWL*~
County: Lea

XI. Exhibit D2b

Location For Office of the State Engineer:
NAD 1983 UTM Zone 13
Easting (X): 670890.376 mtrs
Northing (Y): 3551950.192 mtrs

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
0.4 Miles away	CP 01306 POD1		CP	LE	1	3	3	29	25S	37E	670622	3552502	613	458	110	348
0.5 Miles away	CP 01308 POD1		CP	LE	3	4	4	30	25S	37E	670086	3552295	875	420	210	210
	CP 01256 POD4		CP	LE	3	2	3	29	25S	37E	670994	3552889	944	440	210	230
	CP 01256 POD3		CP	LE	4	1	3	29	25S	37E	670707	3552893	961	450	190	260
	CP 00900 POD1		CP	LE	4	3	4	32	25S	37E	671613	3550794*	1363	101		
Water Analysis Available	CP 00901 POD1		CP	LE	4	3	4	32	25S	37E	671613	3550794*	1363	96		
	CP 00902 POD1		CP	LE	4	3	4	32	25S	37E	671613	3550794*	1363	95		
	CP 00903 POD1		CP	LE	4	3	4	32	25S	37E	671613	3550794*	1363	95		
	CP 00904 POD1		CP	LE	4	3	4	32	25S	37E	671613	3550794*	1363	97		
	CP 00905 POD1		CP	LE	4	3	4	32	25S	37E	671613	3550794*	1363	100		
	CP 00906 POD1		CP	LE	4	3	4	32	25S	37E	671613	3550794*	1363	102		
	CP 00387		CP	LE		3	2	29	25S	37E	671472	3553308*	1477	422	210	212
1.0 Miles away	CP 01304 POD1		CP	LE	4	3	4	31	25S	37E	669863	3550797	1544	459	285	174
	CP 00774		CP	LE			1	29	25S	37E	670869	3553495*	1544	100	60	40

Average Depth to Water: **182 feet**
Minimum Depth: **60 feet**
Maximum Depth: **285 feet**

Record Count: 14

UTMNAD83 Radius Search (in meters):

Easting (X): 670890.376 Northing (Y): 3551950.192 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.

1/29/20 11:10 AM

WATER COLUMN/AVERAGE DEPTH TO WATER

Well: ARNOTT RAMSAY NCT-B #15
Location: Twn 25S Rge 37E Sec 32
Footages: ~*2455 FNL 1195 FWL* ~
County: Lea

XI. Exhibit D3a

Location For Office of the State Engineer:
NAD 1983 UTM Zone 13
Easting (X): 670911.274 mtrs
Northing (Y): 3551526.685 mtrs

Water Wells Within 1 Mile Radius
** 12ACTIVE **

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 00900 POD1		CP	LE	4	3	4	32	25S	37E	671613	3550794*	1014	101		
CP 00901 POD1		CP	LE	4	3	4	32	25S	37E	671613	3550794*	1014	96		
CP 00902 POD1		CP	LE	4	3	4	32	25S	37E	671613	3550794*	1014	95		
CP 00903 POD1		CP	LE	4	3	4	32	25S	37E	671613	3550794*	1014	95		
CP 00904 POD1		CP	LE	4	3	4	32	25S	37E	671613	3550794*	1014	97		
CP 00905 POD1		CP	LE	4	3	4	32	25S	37E	671613	3550794*	1014	100		
CP 00906 POD1		CP	LE	4	3	4	32	25S	37E	671613	3550794*	1014	102		
CP 01306 POD1		CP	LE	1	3	3	29	25S	37E	670622	3552502	1017	458	110	348
CP 01308 POD1		CP	LE	3	4	4	30	25S	37E	670086	3552295	1127	420	210	210
CP 01304 POD1		CP	LE	4	3	4	31	25S	37E	669863	3550797	1277	459	285	174
CP 01256 POD4		CP	LE	3	2	3	29	25S	37E	670994	3552889	1365	440	210	230
CP 01256 POD3		CP	LE	4	1	3	29	25S	37E	670707	3552893	1382	450	190	260

Average Depth to Water: **201 feet**
Minimum Depth: **110 feet**
Maximum Depth: **285 feet**

Record Count: 12

UTMNAD83 Radius Search (in meters):

Easting (X): 670911.274 Northing (Y): 3551526.685 Radius: 1609.3

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

1/29/20 11:20 AM

WATER COLUMN/AVERAGE DEPTH TO WATER

Well: ARNOTT RAMSAY NCT-B #15
Location: Twn 25S Rge 37E Sec 32
Footages: ~2455 FNL 1195 FWL~
County: Lea

XI. Exhibit D3b

Location For Office of the State Engineer:
NAD 1983 UTM Zone 13
Easting (X): 670911.274 mtrs
Northing (Y): 3551526.685 mtrs

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	Twrs	Rng	X	Y	Distance	Depth Well	Depth Water	Water Column
CP 00900 POD1		CP	LE	4	3	4	32	25S	37E	671613	3550794*	1014	101		
CP 00901 POD1		CP	LE	4	3	4	32	25S	37E	671613	3550794*	1014	96		
CP 00902 POD1		CP	LE	4	3	4	32	25S	37E	671613	3550794*	1014	95		
CP 00903 POD1		CP	LE	4	3	4	32	25S	37E	671613	3550794*	1014	95		
CP 00904 POD1		CP	LE	4	3	4	32	25S	37E	671613	3550794*	1014	97		
CP 00905 POD1		CP	LE	4	3	4	32	25S	37E	671613	3550794*	1014	100		
CP 00906 POD1		CP	LE	4	3	4	32	25S	37E	671613	3550794*	1014	102		
CP 01306 POD1		CP	LE	1	3	3	29	25S	37E	670622	3552502	1017	458	110	348
CP 01308 POD1		CP	LE	3	4	4	30	25S	37E	670086	3552295	1127	420	210	210
CP 01304 POD1		CP	LE	4	3	4	31	25S	37E	669863	3550797	1277	459	285	174
CP 01256 POD4		CP	LE	3	2	3	29	25S	37E	670994	3552889	1365	440	210	230
CP 01256 POD3		CP	LE	4	1	3	29	25S	37E	670707	3552893	1382	450	190	260

Water Analysis Available

0.6 Miles away
0.7 Miles away
0.8 Miles away

Average Depth to Water: **201 feet**
Minimum Depth: **110 feet**
Maximum Depth: **285 feet**

Record Count: 12

UTMNAD83 Radius Search (in meters):

Easting (X): 670911.274 Northing (Y): 3551526.685 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

1/29/20 11:20 AM

WATER COLUMN/AVERAGE DEPTH TO WATER

Well: ARNOTT RAMSAY NCT-B #16
Location: Twn 25S Rge 37E Sec 32
Footages: ~*2625 FNL 2630 FEL* ~
County: Lea

XI. Exhibit D4a

Location For Office of the State Engineer:
NAD 1983 UTM Zone 13
Easting (X): 671355.927 mtrs
Northing (Y): 3551483.815 mtrs

Water Wells Within 1 Mile Radius
** 11 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 00900 POD1		CP	LE	4	3	4	32	25S	37E	671613	3550794*	736	101		
CP 00901 POD1		CP	LE	4	3	4	32	25S	37E	671613	3550794*	736	96		
CP 00902 POD1		CP	LE	4	3	4	32	25S	37E	671613	3550794*	736	95		
CP 00903 POD1		CP	LE	4	3	4	32	25S	37E	671613	3550794*	736	95		
CP 00904 POD1		CP	LE	4	3	4	32	25S	37E	671613	3550794*	736	97		
CP 00905 POD1		CP	LE	4	3	4	32	25S	37E	671613	3550794*	736	100		
CP 00906 POD1		CP	LE	4	3	4	32	25S	37E	671613	3550794*	736	102		
CP 01306 POD1		CP	LE	1	3	3	29	25S	37E	670622	3552502	1255	458	110	348
CP 01256 POD4		CP	LE	3	2	3	29	25S	37E	670994	3552889	1451	440	210	230
CP 01308 POD1		CP	LE	3	4	4	30	25S	37E	670086	3552295	1506	420	210	210
CP 01256 POD3		CP	LE	4	1	3	29	25S	37E	670707	3552893	1552	450	190	260

Average Depth to Water: **180 feet**
Minimum Depth: **110 feet**
Maximum Depth: **210 feet**

Record Count: 11

UTMNAD83 Radius Search (in meters):

Easting (X): 671355.927 Northing (Y): 3551483.815 Radius: 1609.3

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

Well: ARNOTT RAMSAY NCT-B #16
Location: Twn 25S Rge 37E Sec 32
Footages: ~*2625 FNL 2630 FEL*~
County: Lea

XI. Exhibit D4b

Location For Office of the State Engineer:
NAD 1983 UTM Zone 13
Easting (X): 671355.927 mtrs
Northing (Y): 3551483.815 mtrs

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)

Water Analysis Available

	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 00900 POD1		CP	LE	4	3	4	32	25S	37E	671613	3550794*	736	101		
	CP 00901 POD1		CP	LE	4	3	4	32	25S	37E	671613	3550794*	736	96		
	CP 00902 POD1		CP	LE	4	3	4	32	25S	37E	671613	3550794*	736	95		
	CP 00903 POD1		CP	LE	4	3	4	32	25S	37E	671613	3550794*	736	95		
	CP 00904 POD1		CP	LE	4	3	4	32	25S	37E	671613	3550794*	736	97		
	CP 00905 POD1		CP	LE	4	3	4	32	25S	37E	671613	3550794*	736	100		
	CP 00906 POD1		CP	LE	4	3	4	32	25S	37E	671613	3550794*	736	102		
0.8 Miles away	CP 01306 POD1		CP	LE	1	3	3	29	25S	37E	670622	3552502	1255	458	110	348
	CP 01256 POD4		CP	LE	3	2	3	29	25S	37E	670994	3552889	1451	440	210	230
0.9 Miles away	CP 01308 POD1		CP	LE	3	4	4	30	25S	37E	670086	3552295	1506	420	210	210
	CP 01256 POD3		CP	LE	4	1	3	29	25S	37E	670707	3552893	1552	450	190	260
1.0 Miles away	CP 01304 POD1		CP	LE	4	3	4	31	25S	37E	669863	3550797	1643	459	285	174

Average Depth to Water: **201 feet**
Minimum Depth: **110 feet**
Maximum Depth: **285 feet**

Record Count: 12

UTMNAD83 Radius Search (in meters):

Easting (X): 671355.927 Northing (Y): 3551483.815 Radius: 1650

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

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1/29/20 11:37 AM

WATER COLUMN/ AVERAGE DEPTH TO WATER

Well: ARNOTT RAMSAY NCT-B #17
Location: Twn 25S Rge 37E Sec 32
Footages: ~*1350 FSL 2635 FEL* ~
County: Lea

XI. Exhibit D5a

Location For Office of the State Engineer:
NAD 1983 UTM Zone 13
Easting (X): 671362.044 mtrs
Northing (Y): 3551086.897 mtrs

Water Wells Within 1 Mile Radius
** 9 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	Twn	Rng	X	Y	Distance	Depth Well	Depth Water	Water Column
CP 00900 POD1		CP	LE	4	3	4	32	25S	37E	671613	3550794*	385	101		
CP 00901 POD1		CP	LE	4	3	4	32	25S	37E	671613	3550794*	385	96		
CP 00902 POD1		CP	LE	4	3	4	32	25S	37E	671613	3550794*	385	95		
CP 00903 POD1		CP	LE	4	3	4	32	25S	37E	671613	3550794*	385	95		
CP 00904 POD1		CP	LE	4	3	4	32	25S	37E	671613	3550794*	385	97		
CP 00905 POD1		CP	LE	4	3	4	32	25S	37E	671613	3550794*	385	100		
CP 00906 POD1		CP	LE	4	3	4	32	25S	37E	671613	3550794*	385	102		
CP 01304 POD1		CP	LE	4	3	4	31	25S	37E	669863	3550797	1526	459	285	174
CP 01306 POD1		CP	LE	1	3	3	29	25S	37E	670622	3552502	1596	458	110	348

Average Depth to Water: **197 feet**
Minimum Depth: **110 feet**
Maximum Depth: **285 feet**

Record Count: 9

UTMNAD83 Radius Search (in meters):

Easting (X): 671362 Northing (Y): 3551086.897 Radius: 1609.3

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

Well: ARNOTT RAMSAY NCT-B #17
Location: Twn 25S Rge 37E Sec 32
Footages: ~*1350 FSL 2635 FEL*~
County: Lea

XI. Exhibit D5b

Location For Office of the State Engineer:
NAD 1983 UTM Zone 13
Easting (X): 671362.044 mtrs
Northing (Y): 3551086.897 mtrs

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 00900 POD1		CP	LE	4	3	4	32	25S	37E	671613	3550794*	385	101		
CP 00901 POD1		CP	LE	4	3	4	32	25S	37E	671613	3550794*	385	96		
CP 00902 POD1		CP	LE	4	3	4	32	25S	37E	671613	3550794*	385	95		
CP 00903 POD1		CP	LE	4	3	4	32	25S	37E	671613	3550794*	385	95		
CP 00904 POD1		CP	LE	4	3	4	32	25S	37E	671613	3550794*	385	97		
CP 00905 POD1		CP	LE	4	3	4	32	25S	37E	671613	3550794*	385	100		
CP 00906 POD1		CP	LE	4	3	4	32	25S	37E	671613	3550794*	385	102		
CP 01304 POD1		CP	LE	4	3	4	31	25S	37E	669863	3550797	1526	459	285	174
CP 01306 POD1		CP	LE	1	3	3	29	25S	37E	670622	3552502	1596	458	110	348
CP 01308 POD1		CP	LE	3	4	4	30	25S	37E	670086	3552295	1757	420	210	210

Water Analysis Available

0.9 Miles away
1.0 Miles away
1.1 Miles away

Average Depth to Water: **201 feet**
Minimum Depth: **110 feet**
Maximum Depth: **285 feet**

Record Count: 10

UTMNAD83 Radius Search (in meters):

Easting (X): 671362 Northing (Y): 3551086.897 Radius: 1800

***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.

1/29/20 12:24 PM WATER COLUMN/AVERAGE DEPTH TO WATER

Well: ARNOTT RAMSAY NCT-B #18
Location: Twn 25S Rge 37E Sec 32
Footages: ~*1115 FNL 2495 FWL* ~
County: Lea

XI. Exhibit D6a

Location For Office of the State Engineer:
NAD 1983 UTM Zone 13
Easting (X): 671299.300 mtrs
Northing (Y): 3551942.430 mtrs

Water Wells Within 1 Mile Radius
** 12 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 01306 POD1		CP	LE	1	3	3	29	25S	37E	670622	3552502	878	458	110	348
CP 01256 POD4		CP	LE	3	2	3	29	25S	37E	670994	3552889	995	440	210	230
CP 01256 POD3		CP	LE	4	1	3	29	25S	37E	670707	3552893	1120	450	190	260
CP 00900 POD1		CP	LE	4	3	4	32	25S	37E	671613	3550794*	1190	101		
CP 00901 POD1		CP	LE	4	3	4	32	25S	37E	671613	3550794*	1190	96		
CP 00902 POD1		CP	LE	4	3	4	32	25S	37E	671613	3550794*	1190	95		
CP 00903 POD1		CP	LE	4	3	4	32	25S	37E	671613	3550794*	1190	95		
CP 00904 POD1		CP	LE	4	3	4	32	25S	37E	671613	3550794*	1190	97		
CP 00905 POD1		CP	LE	4	3	4	32	25S	37E	671613	3550794*	1190	100		
CP 00906 POD1		CP	LE	4	3	4	32	25S	37E	671613	3550794*	1190	102		
CP 01308 POD1		CP	LE	3	4	4	30	25S	37E	670086	3552295	1263	420	210	210
CP 00387		CP	LE		3	2	29	25S	37E	671472	3553308*	1376	422	210	212

Average Depth to Water: **186 feet**
Minimum Depth: **110 feet**
Maximum Depth: **210 feet**

Record Count: 12

UTMNAD83 Radius Search (in meters):

Easting (X): 671299.3 Northing (Y): 3551942.43 Radius: 1609.3

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

1/29/20 10:24 AM

WATER COLUMN/ AVERAGE DEPTH TO WATER

Well: ARNOTT RAMSAY NCT-B #18
Location: Twn 25S Rge 37E Sec 32
Footages: ~*1115 FNL 2495 FWL*~
County: Lea

XI. Exhibit D6b

Location For Office of the State Engineer:
NAD 1983 UTM Zone 13
Easting (X): 671299.300 mtrs
Northing (Y): 3551942.430 mtrs

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
0.5 Miles away	CP 01306 POD1		CP	LE	1	3	3	29	25S	37E	670622	3552502	878	458	110	348
	CP 01256 POD4		CP	LE	3	2	3	29	25S	37E	670994	3552889	995	440	210	230
	CP 01256 POD3		CP	LE	4	1	3	29	25S	37E	670707	3552893	1120	450	190	260
	CP 00900 POD1		CP	LE	4	3	4	32	25S	37E	671613	3550794*	1190	101		
Water Analysis Available	CP 00901 POD1		CP	LE	4	3	4	32	25S	37E	671613	3550794*	1190	96		
	CP 00902 POD1		CP	LE	4	3	4	32	25S	37E	671613	3550794*	1190	95		
	CP 00903 POD1		CP	LE	4	3	4	32	25S	37E	671613	3550794*	1190	95		
	CP 00904 POD1		CP	LE	4	3	4	32	25S	37E	671613	3550794*	1190	97		
	CP 00905 POD1		CP	LE	4	3	4	32	25S	37E	671613	3550794*	1190	100		
	CP 00906 POD1		CP	LE	4	3	4	32	25S	37E	671613	3550794*	1190	102		
0.8 Miles away	CP 01308 POD1		CP	LE	3	4	4	30	25S	37E	670086	3552295	1263	420	210	210
	CP 00327		CP	LE		3	2	29	25S	37E	671472	3553308*	1376	422	210	212
	CP 00506		CP	LE			2	29	25S	37E	671673	3553509*	1610	425	200	225
	CP 00774		CP	LE			1	29	25S	37E	670869	3553495*	1611	100	60	40
	CP 00502		CP	LE	4	1	2	29	25S	37E	671564	3553609*	1687	300	275	25
	CP 00487		CP	LE		2	1	29	25S	37E	671063	3553703*	1776	421	250	171
1.1 Miles away	CP 01304 POD1		CP	LE	4	3	4	31	25S	37E	669863	3550797	1836	459	285	174

Average Depth to Water: **200 feet**
Minimum Depth: **60 feet**
Maximum Depth: **285 feet**

Record Count: 17

UTMNAD83 Radius Search (in meters):

Easting (X): 671299.3 Northing (Y): 3551942.43 Radius: 1850

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

1/29/20 10:49 AM

WATER COLUMN/ AVERAGE DEPTH TO WATER

Well: ARNOTT RAMSAY NCT-B #19
Location: Twn 25S Rge 37E Sec 32
Footages: ~*1340 FSL 1330 FEL* ~
County: Lea

XI. Exhibit D7a

Location For Office of the State Engineer:
NAD 1983 UTM Zone 13
Easting (X): 671762.649 mtrs
Northing (Y): 3551093.095 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	Water Column
CP 00900 POD1		CP	LE	4	3	4	32	25S	37E	671613	3550794*	334	101		
CP 00901 POD1		CP	LE	4	3	4	32	25S	37E	671613	3550794*	334	96		
CP 00902 POD1		CP	LE	4	3	4	32	25S	37E	671613	3550794*	334	95		
CP 00903 POD1		CP	LE	4	3	4	32	25S	37E	671613	3550794*	334	95		
CP 00904 POD1		CP	LE	4	3	4	32	25S	37E	671613	3550794*	334	97		
CP 00905 POD1		CP	LE	4	3	4	32	25S	37E	671613	3550794*	334	100		
CP 00906 POD1		CP	LE	4	3	4	32	25S	37E	671613	3550794*	334	102		

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

Record Count: 7

UTMNAD83 Radius Search (in meters):

Easting (X): 671762.649 Northing (Y): 3551093 Radius: 1609.3

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

1/29/20 11:50 AM

WATER COLUMN/AVERAGE DEPTH TO WATER

Well: ARNOTT RAMSAY NCT-B #19
Location: Twn 25S Rge 37E Sec 32
Footages: ~*1340 FSL 1330 FEL*~
County: Lea

XI. Exhibit D7b

Location For Office of the State Engineer:
NAD 1983 UTM Zone 13
Easting (X): 671762.649 mtrs
Northing (Y): 3551093.095 mtrs

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
Water Analysis Available	CP 00900 POD1		CP	LE	4	3	4	32	25S	37E	671613	3550794*	334	101		
	CP 00901 POD1		CP	LE	4	3	4	32	25S	37E	671613	3550794*	334	96		
	CP 00902 POD1		CP	LE	4	3	4	32	25S	37E	671613	3550794*	334	95		
	CP 00903 POD1		CP	LE	4	3	4	32	25S	37E	671613	3550794*	334	95		
	CP 00904 POD1		CP	LE	4	3	4	32	25S	37E	671613	3550794*	334	97		
	CP 00905 POD1		CP	LE	4	3	4	32	25S	37E	671613	3550794*	334	100		
	CP 00906 POD1		CP	LE	4	3	4	32	25S	37E	671613	3550794*	334	102		
1.1 Miles away	CP 01306 POD1		CP	LE	1	3	3	29	25S	37E	670622	3552502	1812	458	110	348
1.2 Miles away	CP 01304 POD1		CP	LE	4	3	4	31	25S	37E	669863	3550797	1922	459	285	174
	CP 01256 POD4		CP	LE	3	2	3	29	25S	37E	670994	3552889	1954	440	210	230
1.3 Miles away	CP 01302 POD1		CP	LE	3	4	4	30	25S	37E	670086	3552295	2063	420	210	210

Average Depth to Water: **203 feet**
Minimum Depth: **110 feet**
Maximum Depth: **285 feet**

Record Count: 11

UTMNAD83 Radius Search (in meters):

Easting (X): 671762.649 Northing (Y): 3551093 Radius: 2075

***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.

1/29/20 11:56 AM

WATER COLUMN/ AVERAGE DEPTH TO WATER

XI. Exhibit E1

MITCHELL ANALYTICAL LABORATORY

2638 Faudree
Odessa, Texas 79765-8538
561-5579

Company: ***Imperative Chemical Partners***

Well Number:	Frying Pan Road	Sample Temp:	70
Lease:	CP-01304	Date Sampled:	1/24/2020
Location:	POD-1	Sampled by:	David Garcia
Date Run:	1/27/2020	Employee #:	
Lab Ref #:	20-jan-w91301	Analyzed by:	GR

Dissolved Gases

			Mg/L	Eq. Wt.	MEq/L
Hydrogen Sulfide	(H2S)		.00	16.00	.00
Carbon Dioxide	(CO2)	**NOT ANALYZED**			
Dissolved Oxygen	(O2)	**NOT ANALYZED**			

Cations

Calcium	(Ca++)	145.52	20.10	7.24
Magnesium	(Mg++)	69.34	12.20	5.68
Sodium	(Na+)	168.10	23.00	7.31
Barium	(Ba++)	.05	68.70	.00
Manganese	(Mn-)	.01	27.50	.00
Strontium	(Sr++)	3.42	47.80	.07

Anions

Hydroxyl	(OH-)	.00	17.00	.00
Carbonate	(CO3=)	.00	30.00	.00
BiCarbonate	(HCO3-)	268.84	61.10	4.40
Sulfate	(SO4=)	270.00	48.80	5.53
Chloride	(Cl-)	368.40	35.50	10.38
Total Iron	(Fe)	0.09	18.60	.00
Total Dissolved Solids		1,293.79		
Total Hardness as CaCO3		648.09		
Conductivity MICROMHOS/CM		2,174		

pH 7.890 Specific Gravity 60/60 F 1.001

CaSO4 Solubility @ 80 F. 19.19MEq/L, CaSO4 scale is unlikely

CaCO3 Scale Index

70.0	.305	100.0	.655	130.0	1.165
80.0	.435	110.0	.895	140.0	1.165
90.0	.655	120.0	.895	150.0	1.395

Imperative Chemical Partners

XI. Exhibit E2

MITCHELL ANALYTICAL LABORATORY

2638 Faudree
Odessa, Texas 79765-8538
561-5579

Company: ***Imperative Chemical Partners***

Well Number:	Cow Pens	Sample Temp:	70
Lease:	CP-01306	Date Sampled:	1/24/2020
Location:	POD-1	Sampled by:	David Garcia
Date Run:	1/27/2020	Employee #	
Lab Ref #:	20-jan-w91300	Analyzed by	GR

Dissolved Gases

			Mg/L	Eq. Wt.	MEq/L
Hydrogen Sulfide	(H2S)		.00	16.00	.00
Carbon Dioxide	(CO2)	**NOT ANALYZED**			
Dissolved Oxygen	(O2)	**NOT ANALYZED**			

Cations

Calcium	(Ca++)	103.64	20.10	5.16
Magnesium	(Mg++)	87.40	12.20	7.16
Sodium	(Na+)	134.79	23.00	5.86
Barium	(Ba++)	.00	68.70	.00
Manganese	(Mn+)	.23	27.50	.01
Strontium	(Sr++)	.00	47.80	.00

Anions

Hydroxyl	(OH-)	.00	17.00	.00
Carbonate	(CO3=)	.00	30.00	.00
BiCarbonate	(HCO3-)	268.84	61.10	4.40
Sulfate	(SO4=)	300.00	48.80	6.15
Chloride	(Cl-)	271.30	35.50	7.64
Total Iron	(Fe)	0.02	18.60	.00
Total Dissolved Solids		1,166.21		
Total Hardness as CaCO3		617.44		
Conductivity MICROMHOS/CM		2,008		

pH 7.710 Specific Gravity 60/60 F. 1.001

CaSO4 Solubility @ 80 F. 19.48MEq/L. CaSO4 scale is unlikely

CaCO3 Scale Index

70.0	-.022	100.0	.328	130.0	.838
80.0	.108	110.0	.568	140.0	.838
90.0	.328	120.0	.568	150.0	1.068

XI. Exhibit E3

MITCHELL ANALYTICAL LABORATORY

2638 Faudree
Odessa, Texas 79765-8538
561-5579

Company: ***Imperative Chemical Partners***

Well Number:	Fulfers Shop	Sample Temp:	70
Lease:	CP-01308	Date Sampled:	1/24/2020
Location:	POD-1	Sampled by:	David Garcia
Date Run:	1/27/2020	Employee # :	
Lab Ref # :	20-jan-w91302	Analyzed by:	GR

Dissolved Gases

			Mg/L	Eq. Wt.	MEq/L
Hydrogen Sulfide	(H2S)		.00	16.00	.00
Carbon Dioxide	(CO2)	**NOT ANALYZED**			
Dissolved Oxygen	(O2)	**NOT ANALYZED**			

Cations

Calcium	(Ca++)	233.64	20.10	11.62
Magnesium	(Mg++)	112.78	12.20	9.24
Sodium	(Na+)	168.66	23.00	7.33
Barium	(Ba++)	.08	68.70	.00
Manganese	(Mn+)	.99	27.50	.04
Strontium	(Sr++)	4.97	47.80	.10

Anions

Hydroxyl	(OH-)	.00	17.00	.00
Carbonate	(CO3=)	.00	30.00	.00
BiCarbonate	(HCO3-)	219.96	61.10	3.60
Sulfate	(SO4=)	540.00	48.80	11.07
Chloride	(Cl-)	485.53	35.50	13.68
Total Iron	(Fe)	0.01	18.60	.00
Total Dissolved Solids		1,766.62		
Total Hardness as CaCO3		1,046.50		
Conductivity MICROMHOS/CM		2,949		

pH 7.610 Specific Gravity 60/60 F. 1.001

CaSO4 Solubility @ 80 F. 19.78MEq/L, CaSO4 scale is unlikely

CaCO3 Scale Index

70.0	.144	100.0	.494	130.0	1.004
80.0	.274	110.0	.734	140.0	1.004
90.0	.494	120.0	.734	150.0	1.234

faeII

Arnott Ramsay Lease Waterflood

New Mexico Oil Conservation Division

March 5, 2020

Case No. 21118
FAE II OPERATING
Exhibit #2

Land

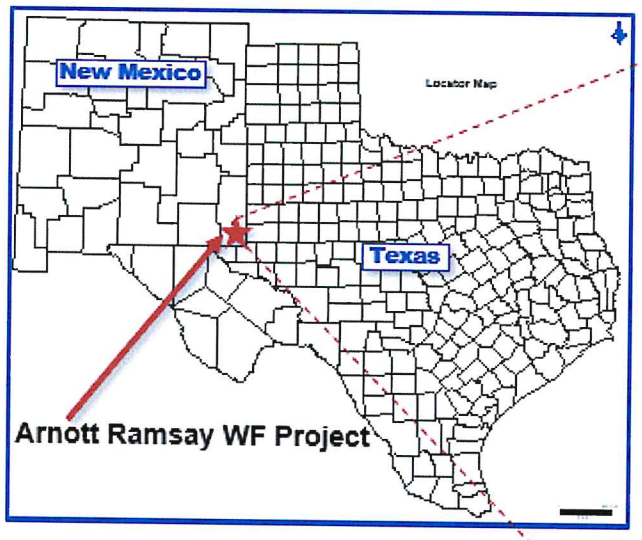
Township 25 South, Range 37 East, NMPM

Section 32: All

Lea County, NM

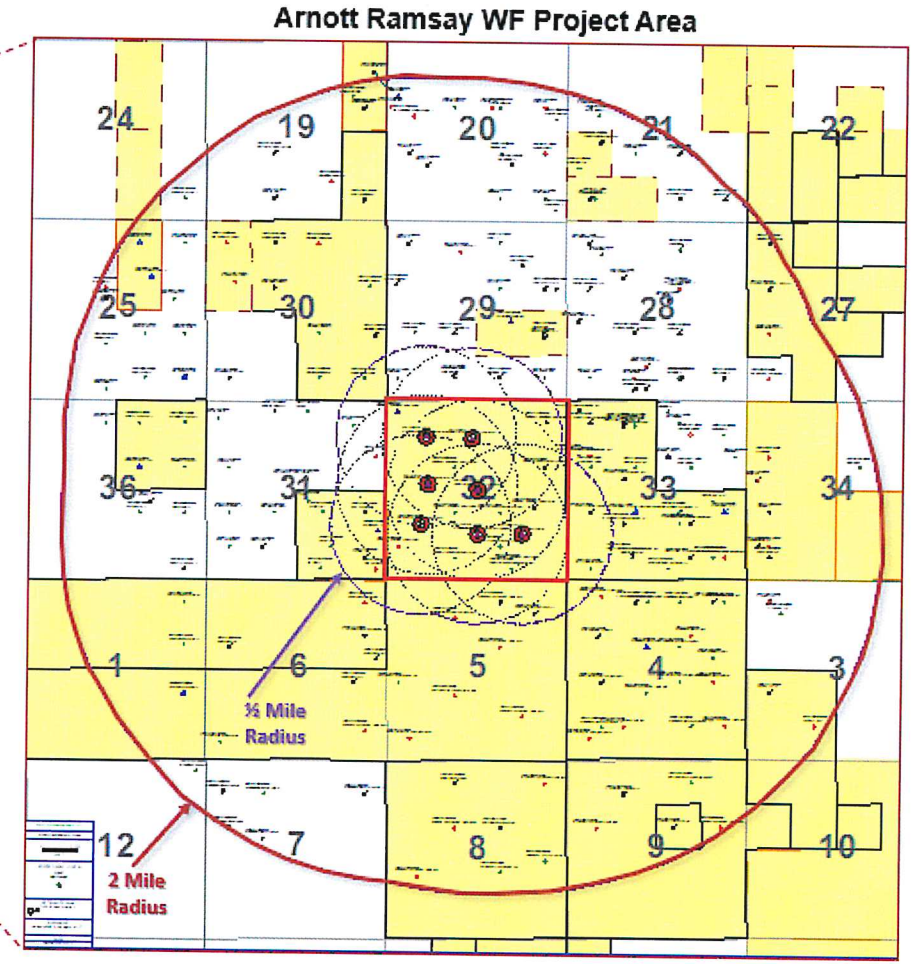
Locator Map

faeII



Arnott Ramsay Waterflood Project
Section 32, Township 25S & Range 37E
Lea County, NM

Just south of the town of Jal



Offset Operators and Notice Summary

faeII

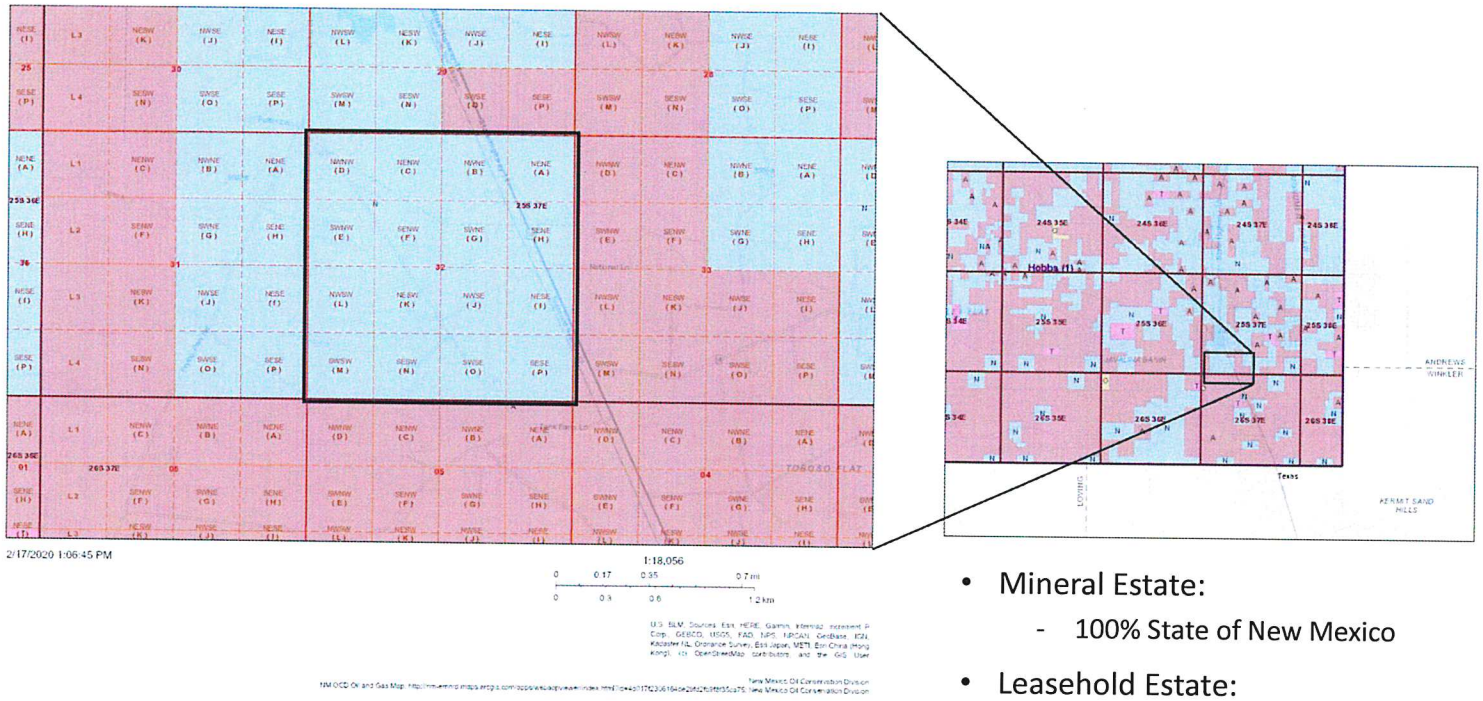
- Offset Operators
  - Township 27 South, Range 37 East
    - Section 28 – All wells plugged & abandoned
    - Section 29 – FAE II Operating, LLC
    - Section 30 – FAE II Operating, LLC
    - Section 31 – FAE II Operating, LLC; Fulfer Oil & Cattle Company, LLC
    - Section 33: FAE II Operating, LLC; Lanexco Inc.
  - Township 26 South, Range 37 East
    - Section 4 – FAE II Operating, LLC
    - Section 5 – FAE II Operating, LLC
    - Section 6 – FAE II Operating, LLC

- Notices
  - United States Department of the Interior, Bureau of Land Management.
  - Fulfer Oil & Cattle Company, LLC
  - New Mexico State Land Office
  - Lanexco Incorporated
  - Notice by Publication was given:
    - Hobbs Sun, published Wednesday, February 5, 2020
    - Jal Record, published Thursday, February 6, 2020
  - Affidavits of Publication and records of transmittal for notices are included in Hearing Exhibits.

Land Plat and Summary

faeII

Township 25 South, Range 37 East, Section 32, Lea County, New Mexico



- Mineral Estate:
  - 100% State of New Mexico
- Leasehold Estate:
  - Minerals leased under State of NM Lease B0-0229-0001
  - FAE II, LLC owns 100% working interest as to Township 25 South, Range 37 East.
- Royalty Estate:
  - 12.5% lease royalty, in favor of the State of New Mexico.
  - No overriding royalties.

Geology

Structure Map

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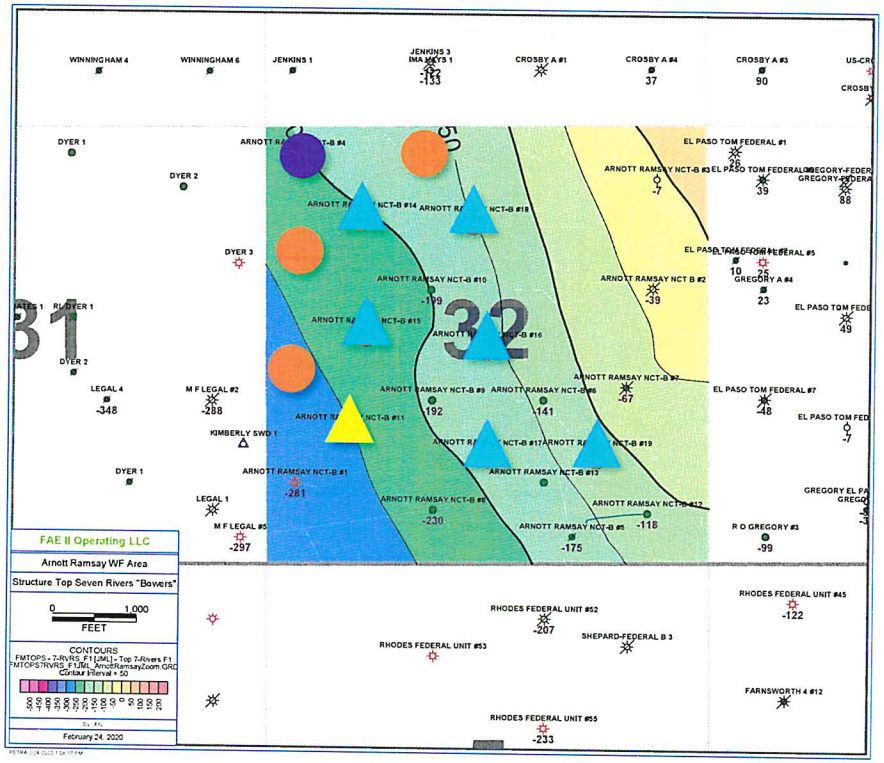
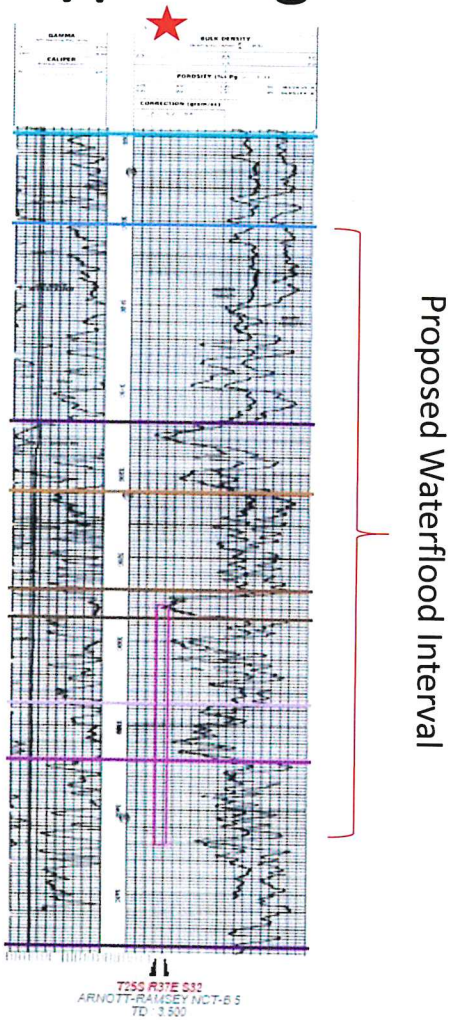
Structure Top Seven Rivers "Bowers"



- Structure is smoothly grading updip from west to east
- Dip is more moderate vs West Eumont Unit and like West Eumont Unit, will waterflood well
- All injectors will be bounded by producers, which will retain all State Land Office oil within the section

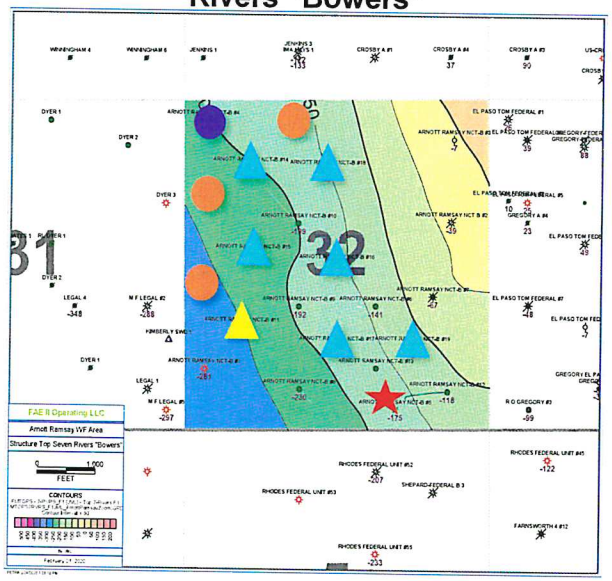
New Drill Producer
New Drill Injector
Convert to Injector
Convert to Producer
Existing Producer

Type Log and Waterflood Interval



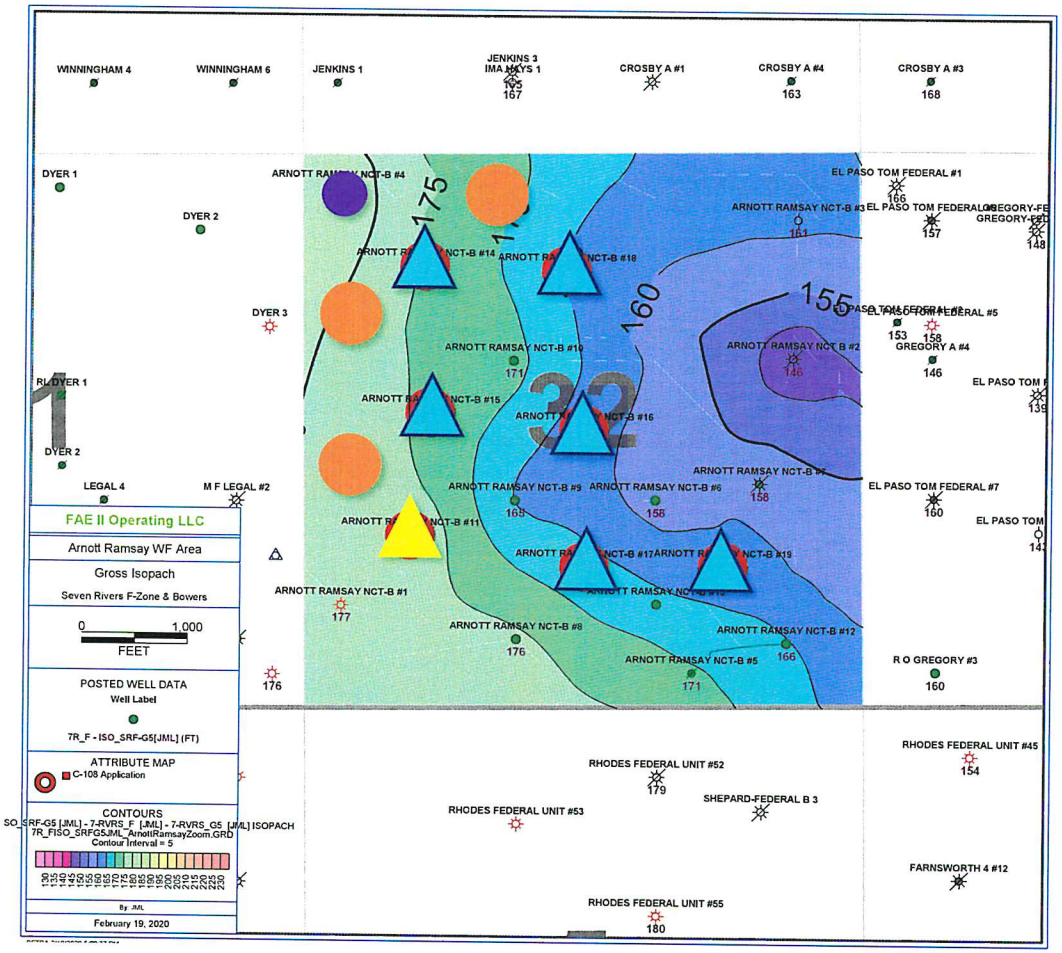
- Type log: Arnott-Ramsey NCT-B 5
  - Shown in red star on the structure map
- The proposed Seven Rivers waterflood interval 3,051’ – 3,420’

Structure Top Seven Rivers “Bowers”



Gross Isopach Map – *Top Seven Rivers "F" to Base Bowers*

faeII



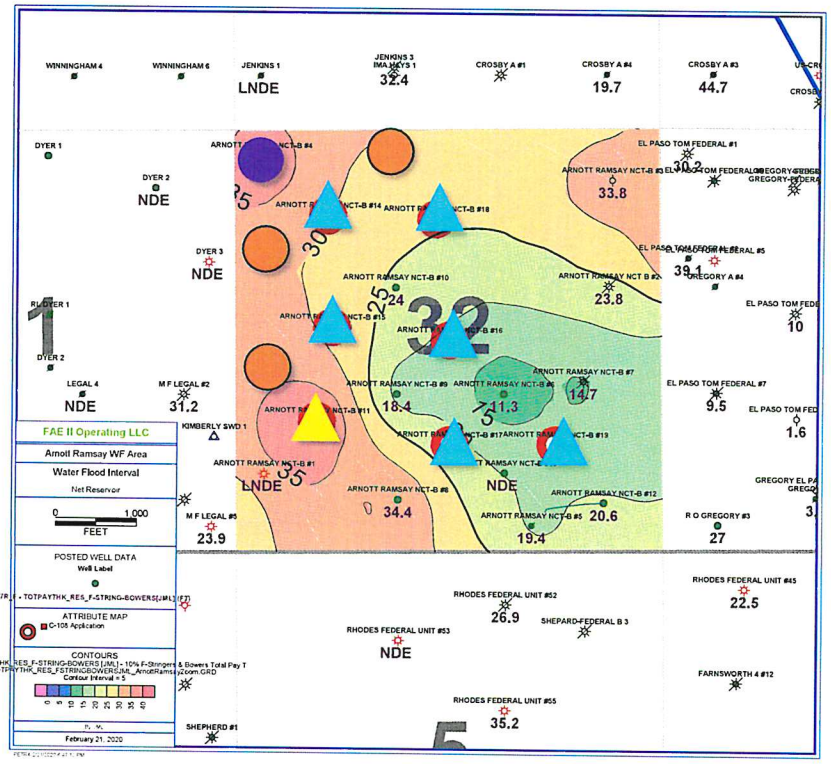
- New Drill Producer
- New Drill Injector
- Convert to Injector
- Convert to Producer
- Existing Producer

Net Pay & Phi-h Map

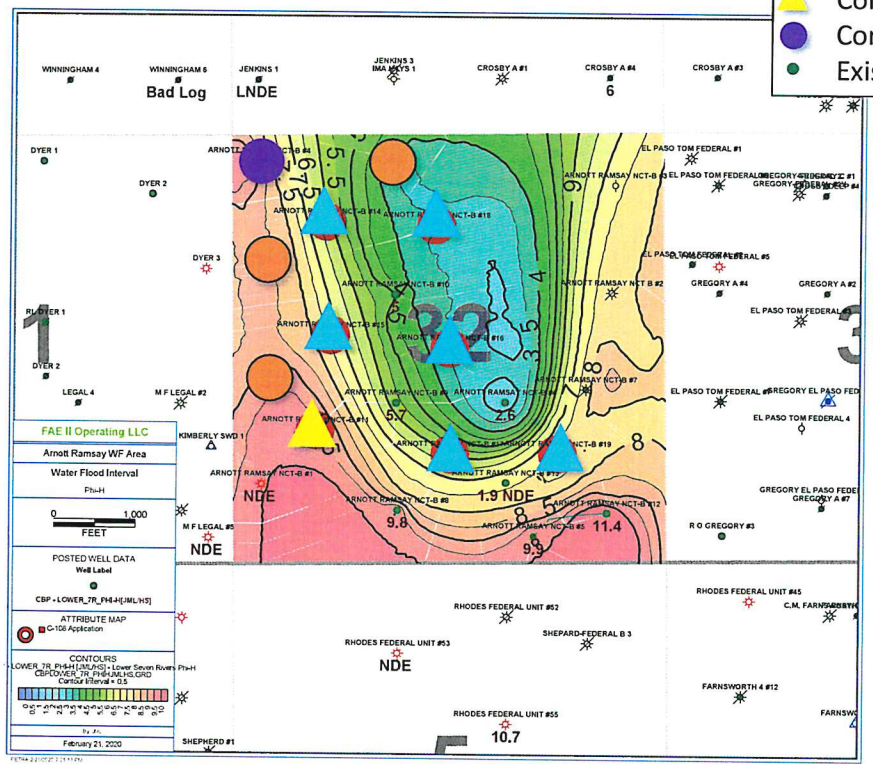
faeII

New Drill Producer
New Drill Injector
Convert to Injector
Convert to Producer
Existing Producer

Net Pay



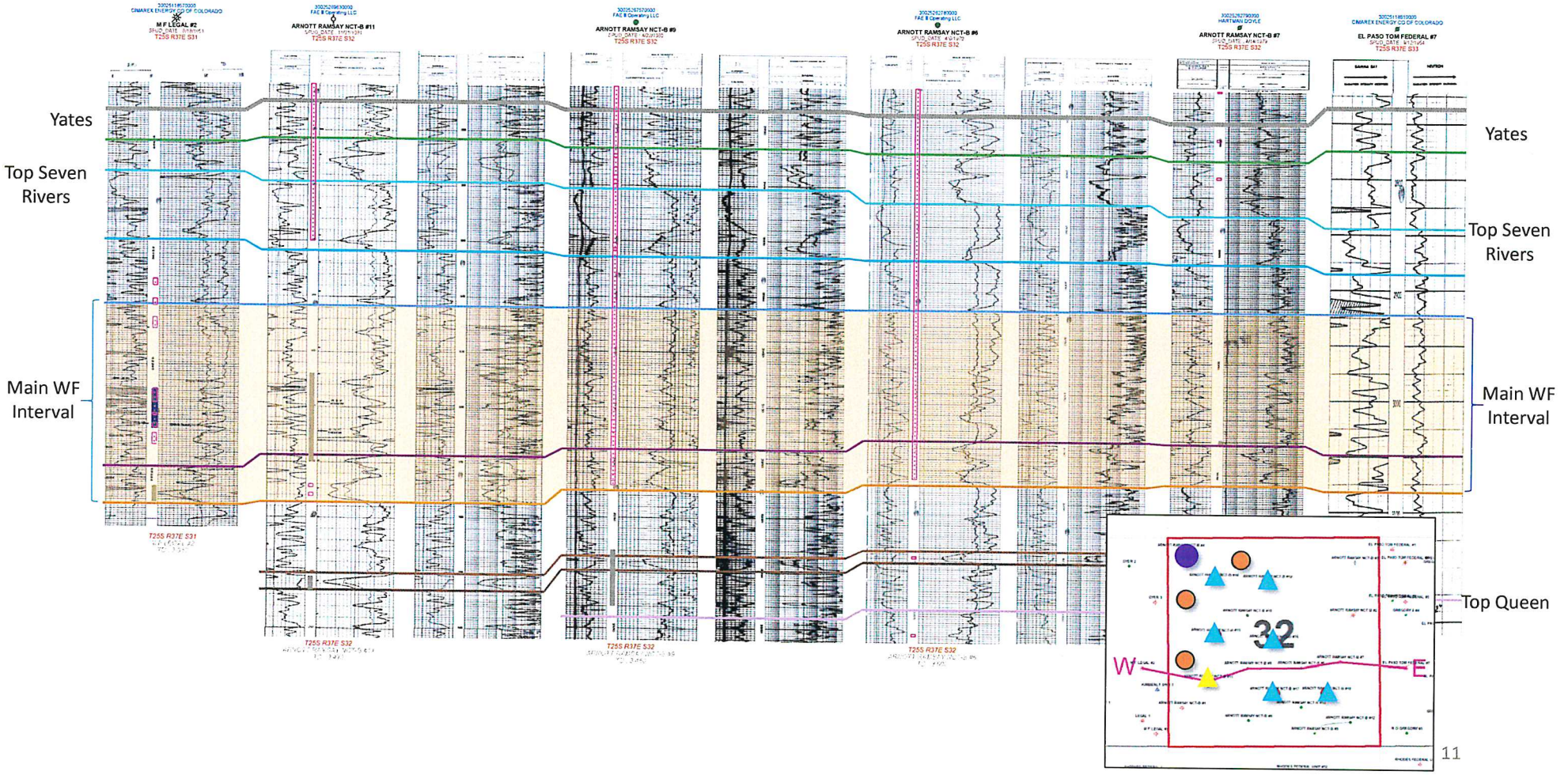
Phi-h



W-E Structural Cross Section Highlighting Waterflood Intervals

faeII

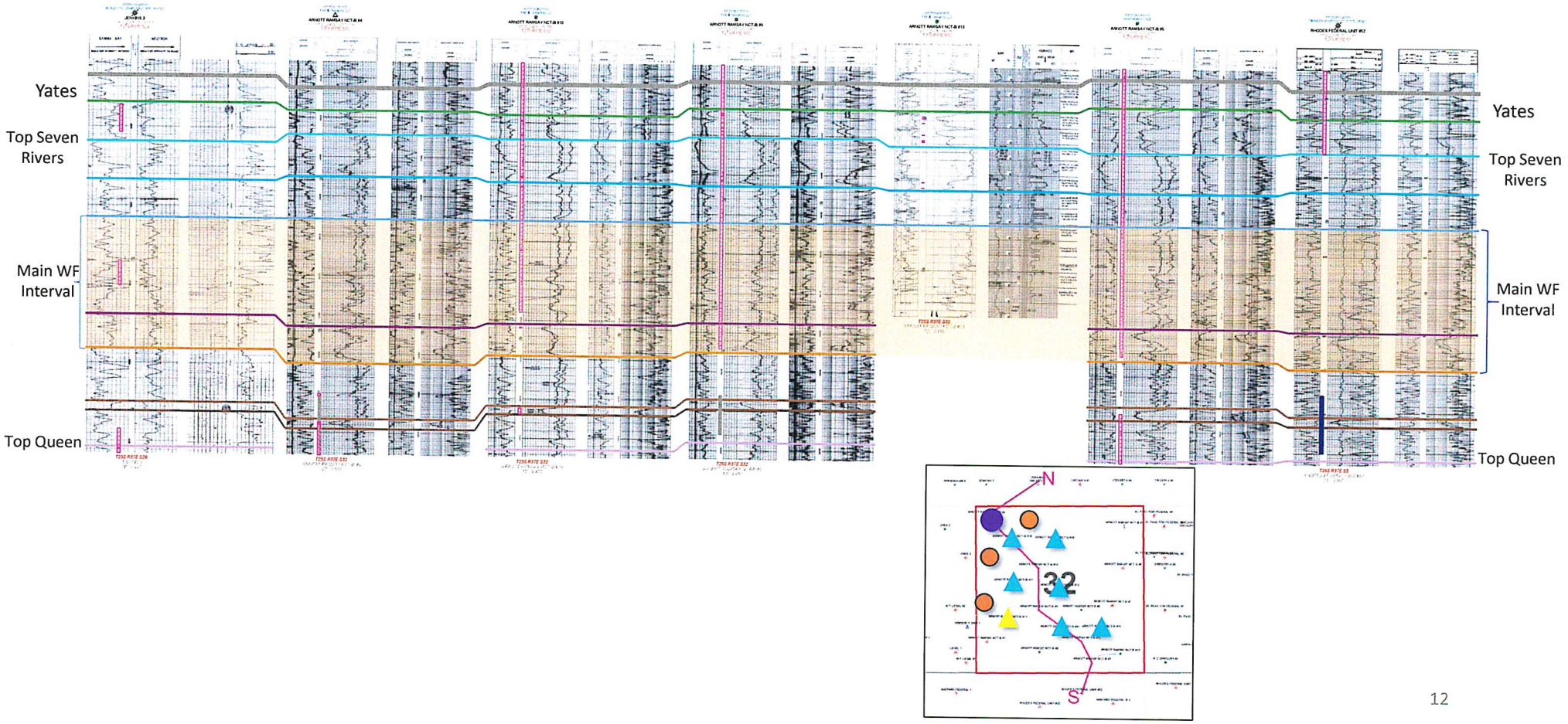
*hung on top main waterflood interval



N-S Structural Cross Section Highlighting Waterflood Intervals

faeII

*hung on top main waterflood interval

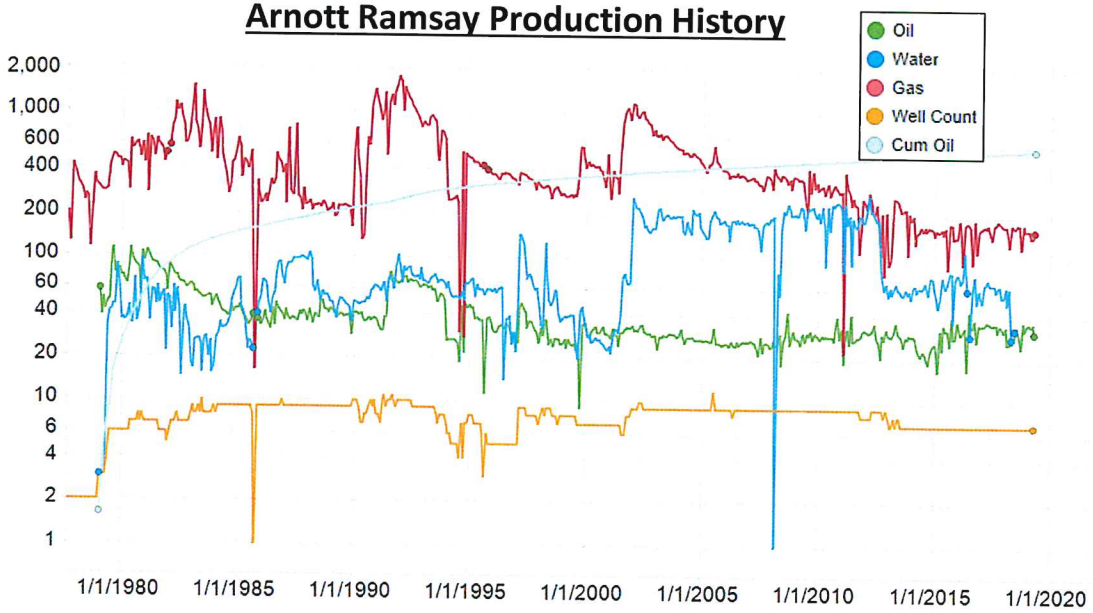


Engineering

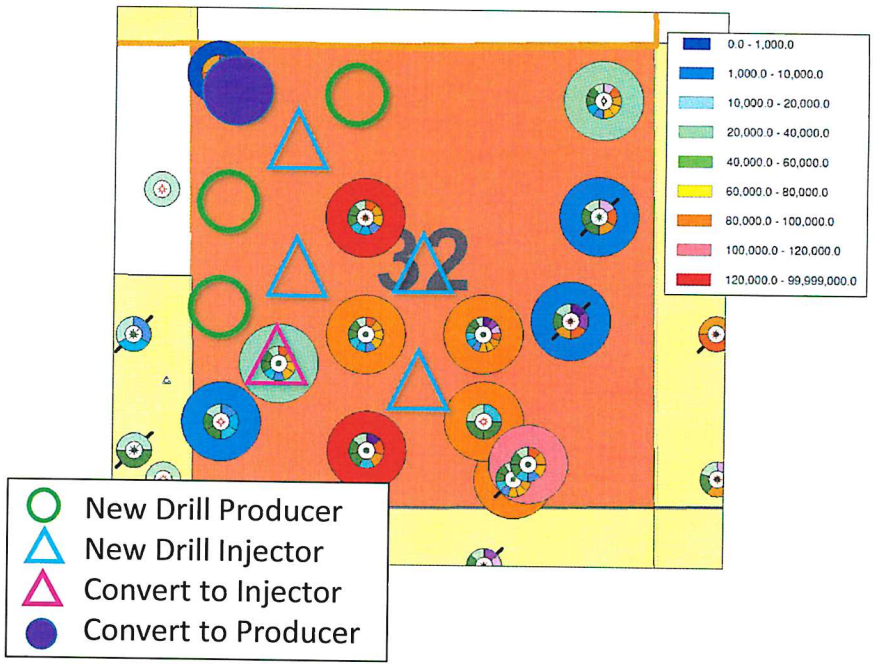
Arnott Ramsay Production & Development Plan

faeII

Arnott Ramsay Production History



Oil EUR Map with Development

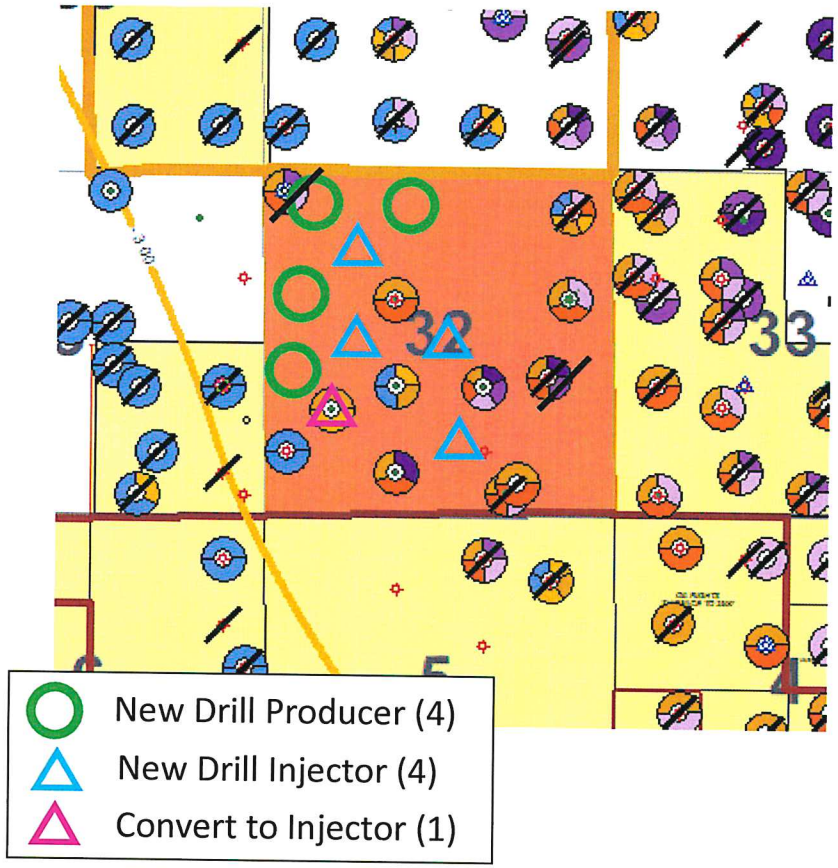


- Fairly recent vintage initial development (~1980)
- A lot of OOIP (~8.6 mmbo)and low current recovery factor (9.4%) due to lack of both development to the north and waterflooding
  - Most wells have been flat over the last 40 years
  - Significant primary reserves remaining: bigger than typical gap between current oil cum and primary EUR

Arnott Ramsay Waterflood Pilot Capital Summary

faeII

Completion Pie Map with Development



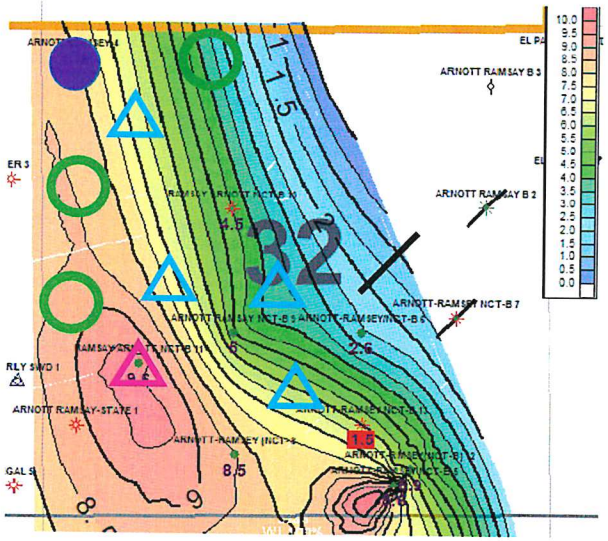
Completion Pie Map with Development

	Unit Capital	# Projects	Total Capital
New Drill Producers	$645m	4	$2.6mm
New Drill Injectors	$550m	4	$2.2mm
Convert to Injector	$200m	1	$0.2mm
Producer Work	$140m	5	$0.7mm
Injection Facility	$830m	1	$0.8mm
Supply Water	$500m	1	$0.5mm
Total		14	$7.0mm

Injector and Total Project Reserves Summary

faeII

Phi-h Map with Development



- New Drill Producer
- New Drill Injector
- Convert to Injector
- Convert to Producer

Injector Reserves Summary

	Offset Producer Oil EUR					
Well	NW	NE	SE	SW	Inj EUR at 1:1	Inj EUR at 1.6:1
SU 25S-37E 32CC	60	60	146	60	81	130
SU 25S-37E 32FF	60	146	99	60	91	146
SU 25S-37E 32GG	146	-	82	99	81	130
SU 25S-37E 32JJ	99	82	194	122	124	199
Arnott Ramsay NCT-B 11 CTI	60	99	122	60	85	136

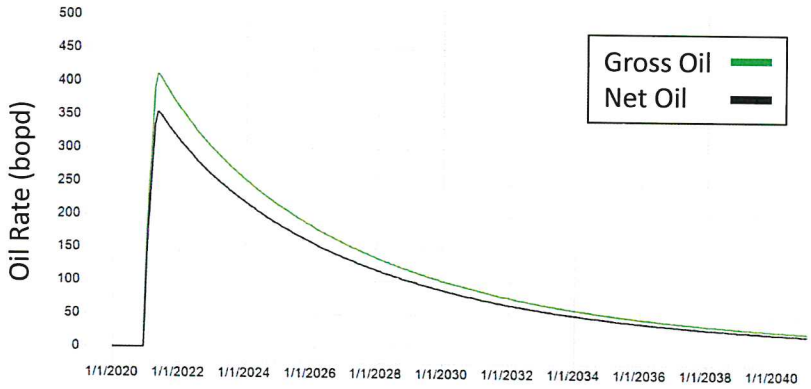
Total Project Reserves Summary

	Oil Volume	Comments
OOIP	8.6 mmbo	
Existing Primary Oil EUR	0.8 mmbo	All oil produced in the section by producers in project area
Primary RF	9.4%	
New Drill Producers Primary Oil EUR	0.3 mmbo	4 new drills, 1 deepening
Remaining Secondary Oil at 1:1 S/P	0.5 mmbo	Remaining at S/P of 1
Remaining Secondary Oil at 1.6:1 S/P	0.7 mmbo	Remaining at S/P of 1.6

Arnott Ramsay Waterflood Production & Economics

faeII

1.6 S/P Case Oil Production

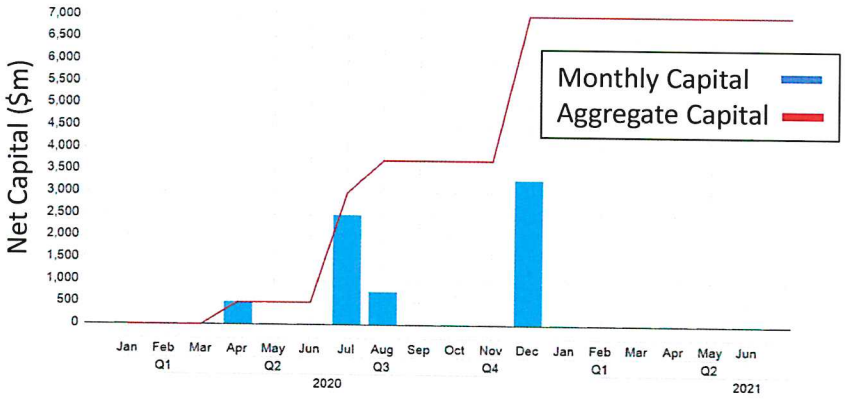


Economics Summary*

	1.0 S/P	1.6 S/P
Capital	$7.0mm	$7.0mm
PV-10	$7.4mm	$12.9mm
Gross Oil	0.7 mmbo	1.0 mmbo
Net Oil	0.6 mmbo	0.9 mmbo

*Economics at $50/bo flat & $2/mmbtu flat

Capital Schedule



- High certainty: good log control, long history of production data
- This project will be similar to West Eumont Unit's Pilot 1 in oil rate profile / processing efficiency
- The 1.0 S/P downside sensitivity is not really in play

AGREEMENT

This agreement is made between the New Mexico State Land Office ("NMSLO") and FAE II Operating, LLC ("FAE").

WHEREAS, FAE has applied in New Mexico Oil Conservation Division ("OCD") Case No. 21118 for approval to implement the Arnott Ramsey Waterflood Project, which will be located on State lands and will include 640 acres, more or less, comprised of Section 32, Township 25 South, Range 37 East in Lea County ("Project Area");

WHEREAS, the NMSLO is the mineral interest owner in the Project Area and FAE is the mineral interest lessee under State of New Mexico Lease BO-0229-00001;

WHEREAS, FAE's Application in Case No. 21118 requests authorization to obtain administrative approval of additional injection wells within the Project Area and expand the Project without the necessity of additional hearings;

NMSLO and FAE agree as follows:

1. FAE requests authorization to obtain administrative approval of additional injection wells within the Project Area and is not seeking authorization to obtain administrative approval of expansions of the Project Area; and

2. Based on the agreement set out above in Paragraph 1, the NMSLO does not object to FAE's Application or FAE's request to obtain administrative approval of additional injection wells within the Project Area.

New Mexico State Land Office

By: _____

Date: 2/27/2020

FAE II Operating, LLC

By: _____

Date: 2/17/20

Case No. 21118
FAE II OPERATING
Exhibit #3

STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL
RESOURCES DEPARTMENT

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

FORM C-108
Revised June 10, 2003

APPLICATION FOR AUTHORIZATION TO INJECT

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

II. OPERATOR: FAE II Operating, LLC

ADDRESS: 11757 Katy Freeway, Suite 1000, 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: 01/30/2020

E-MAIL ADDRESS: Jessica@faenergyus.com

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

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

Case No. 21118
FAE II OPERATING
Exhibit #4

III. Well Data

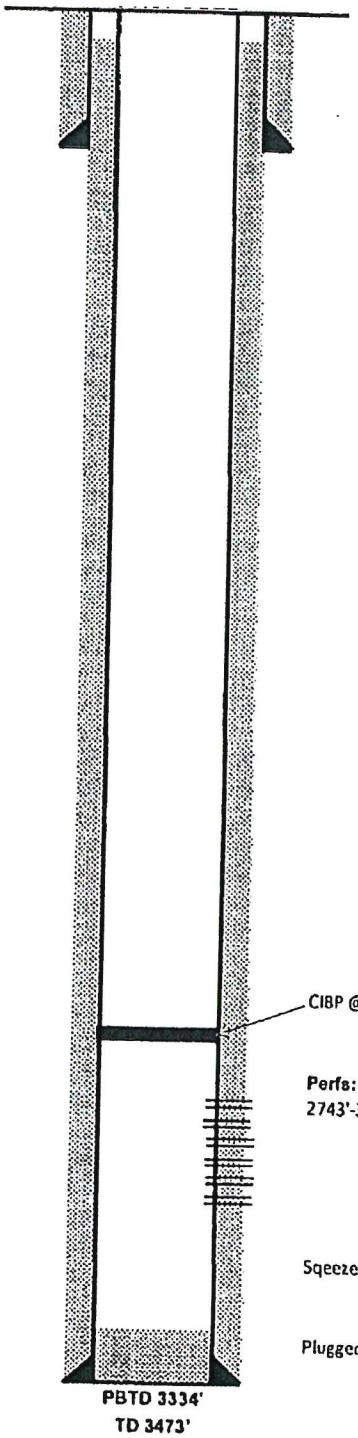
INJECTION WELL DATA SHEET

OPERATOR: FAE II Operating, LLC
WELL NAME & NUMBER: ARNOTT RAMSAY NCT-B #11
WELL LOCATION: **1650 FSL & 990 FWL** L 32 25S 37E
FOOTAGE LOCATION | UNIT LETTER | SECTION | TOWNSHIP | RANGE

CURRENT WELLBORE SCHEMATIC

Surface Csg

Size:	8-5/8"
Wt.&Thrd:	24#, STC
Grade:	K-55
Set @:	399'
Sxs cmt:	275
Circ:	
TOC:	Surface
Hole Size:	12-1/4"



Production Csg

Size:	5-1/2"
Wt.&Thrd:	14#, STC
Grade:	K-55
Set @:	3473'
Sxs Cmt:	1710
Circ:	
TOC:	
Hole Size:	7-7/8"

WELL CONSTRUCTION DATA

Surface Casing

Hole Size:	12-1/2"
Casing Size:	8-5/8"
Depth Set:	399'
Top of Cement:	surface
Cement with	275 sx
Method Determined:	circulated

Production Casing

Hole Size:	7-7/8"
Casing Size:	5-1/2"
Depth Set:	3,473'
Top of Cement:	surface
Cement with	1710 sx
Method Determined:	circulated

Proposed Injection Interval

Seven Rivers Inj. Zone
~3,100' to 3,300'
Zone will be Perforated

Tubing

Tubing Size:	2-3/8"
Lining Material:	Nickel
Type of Packer:	AS1-X
Packer Depth Set:	~3,120'

Additional Data

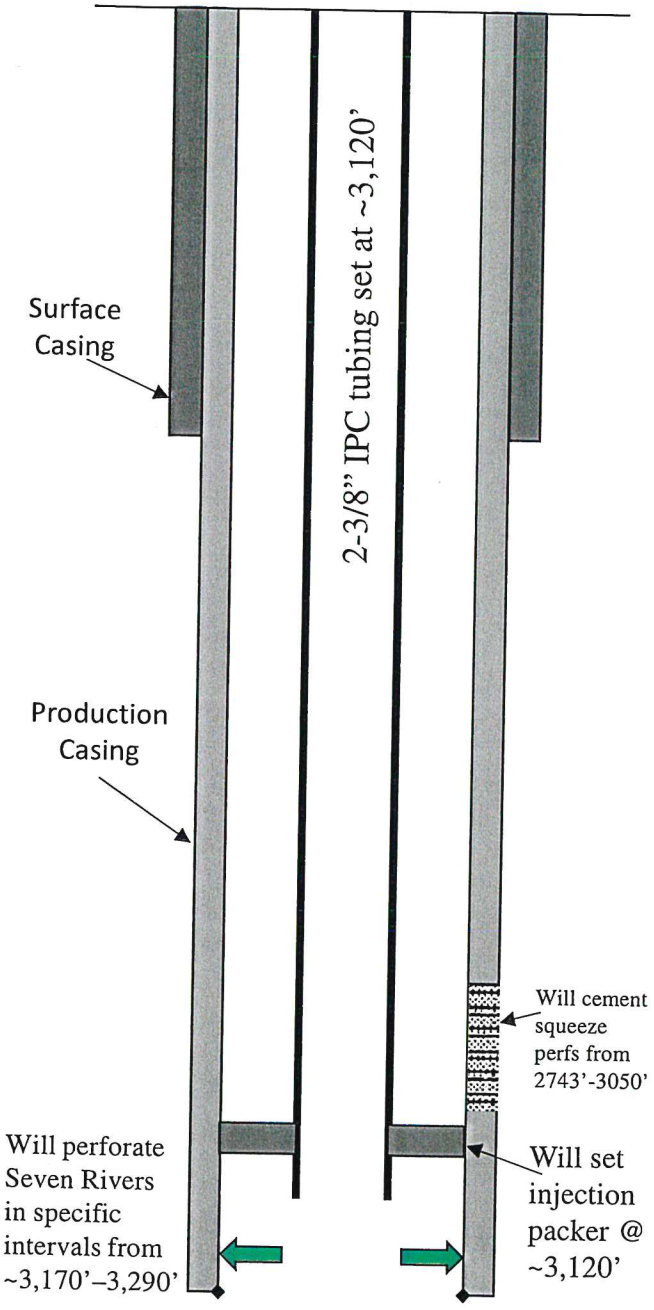
1. Originally an oil producer.
2. Injection Formation: Seven Rivers
3. Field: Langlie-Mattix
4. Well has NOT been perforated before.
5. Underlying Oil Zone: Queen Formation
   Depth of Underlying Zone: +3,400'

III. Well Data

INJECTION WELL DATA SHEET

OPERATOR: FAE II Operating, LLC
WELL NAME & NUMBER: ARNOTT RAMSAY NCT-B #11
WELL LOCATION: **1650 FSL & 990 FWL** L 32 25S 37E
FOOTAGE LOCATION | UNIT LETTER | SECTION | TOWNSHIP | RANGE

PROPOSED WELLBORE SCHEMATIC



TD: ~3,473

WELL CONSTRUCTION DATA

Surface Casing

Hole Size:	12-1/2"
Casing Size:	8-5/8"
Depth Set:	399'
Top of Cement:	surface
Cement with	275 sx
Method Determined:	circulated

Production Casing

Hole Size:	7-7/8"
Casing Size:	5-1/2"
Depth Set:	3,473'
Top of Cement:	surface
Cement with	1710 sx
Method Determined:	circulated

Proposed Injection Interval

Seven Rivers Inj. Zone
~3,170' to 3,290'
Zone will be Perforated

Tubing

Tubing Size:	2-3/8"
Lining Material:	Nickel
Type of Packer:	AS1-X
Packer Depth Set:	~3,120'

Additional Data

1. Originally an oil producer.
2. Injection Formation: Seven Rivers
3. Field: Langlie-Mattix
4. Well has NOT been perforated before.
5. Underlying Oil Zone: Queen Formation
   - Depth of Underlying Zone: +3,400'

Well Name:	ARNOTT RAMSAY NCT-B #11
Objective:	Convert to Injector
Field:	Langlie-Mattix
Surface Location:	1650' FSL & 990' FWL Sec 32, Township 25 S, Range 37 E
County, State:	Lea, NM
API:	30-025-26963

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

Well Information:

Casing:

Casing Size	Weight lb. ft.	Depth Set	Hole Size	Cement	Amount Pulled
8.625	24	399	12.5	275 sx-circ	
5.5	14	3473	7.875	1710 sx-circ	

Perforations:

Top	Bottom	SPF	Diameter	Status
2743	3050	1		Open under CIBP
3270	3273	2	0.5"	Squeezed
3278	3281	2	0.5"	Squeezed
3354	3362	2	0.5"	Plugged
3356	3360	2	0.5"	Plugged

Completion: 3270-3281' – 1200 gallons 15% slick NEFE HCl, 8 7/8" RCNB's, 10,500 gal 70 qual foam, 12,000# 20/40 sand.

Notes: 07-05-13: set CIBP at 2675'. Dump 40' cement on top of plug. Load and test to 600 psi for 30 minutes, test held.

Planned Procedure:

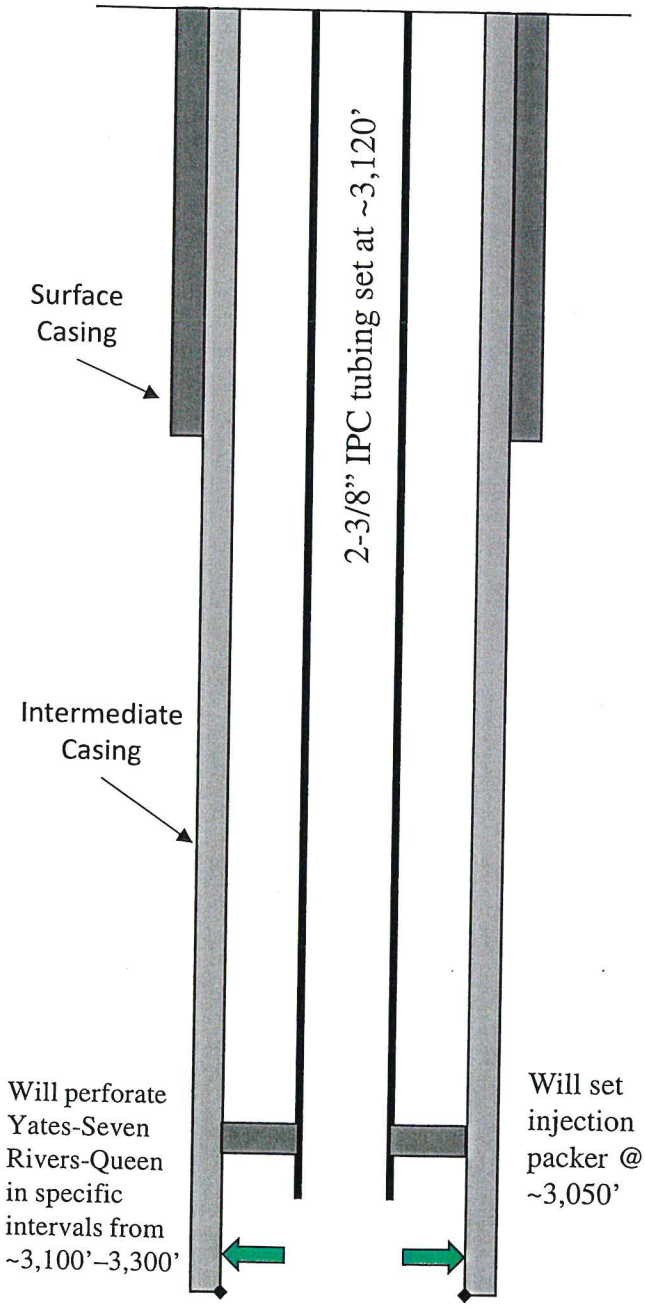
1. Inspect lease roads to location to assure adequate access for work activities. Function test the wellhead valves to assure proper operation during the procedure. Locate and inspect rig anchors, test or replace anchors if necessary.
2. Nipple down wellhead and close wellhead valves. Break down flow lines from the wellhead and isolate lines. Blind flange to protect the lines to prevent fluids from escaping or leaking.
3. Rig up reverse package, swivel. RIH with 4-3/4" bit, 4 drill collars, and 2-3/8" L-80 workstring.
4. Keep tally of tubing and slowly come down on top of plug at ~2635'.
5. Load hole with 2% KCl water, begin to circulate, drill out 40' cement plug.
6. Continue drilling through CIBP – when metal cuttings appear on surface, back off of plug and circulate bottoms clean 2x. After circulation, continue to drill out plug.
7. Once through plug, continue to tally into hole until TD is reached. Report PBTD to Garret.
8. If TD is less than 3,390', drillout will continue.
9. Come out of hole laying down.
10. Cement squeeze interval 2743-3050.
11. Rig up wireline, and set CIBP at 3340'. Perforate 4 SPF interval 3170'-3290'. Use gas gun to stimulate – also see attached. Rig down wireline.
12. Pick up 2-3/8" ICP tubing. RIH w/ AS1X nickel coated packer and set @ 3120'. Note pressure on the backside – monitor while pumping down tubing.
13. Rig up acid equipment. Pump 5,000 gallons 15% HCl, flush w/ 25 bbls produced water.
14. Swab water back into frac tank. Note top of fluid, bbl amount, and signs of gas on each run.
15. Rig down and move out service rig and equipment. Connect injection lines to wellhead. Clean up location as necessary.

III. Well Data

INJECTION WELL DATA SHEET

OPERATOR: FAE II Operating, LLC
WELL NAME & NUMBER: ARNOTT RAMSAY NCT-B #14
WELL LOCATION: **1060 FNL & 1160 FWL** D 32 25S 37E
FOOTAGE LOCATION | UNIT LETTER | SECTION | TOWNSHIP | RANGE

WELLBORE SCHEMATIC



WELL CONSTRUCTION DATA

Surface Casing

Hole Size:	12-1/4"
Casing Size:	8-5/8"
Depth Set:	965'
Top of Cement:	surface
Cement with	240 sx
Method Determined:	circ. 80 sx

Intermediate Casing

Hole Size:	7-7/8"
Casing Size:	5-1/2"
Depth Set:	3,400'
Top of Cement:	surface
Cement with	300 sx
Method Determined:	circ. 100 sx

Injection Interval

Seven Rivers Inj. Zone
~3,100' to 3,300'
Zone will be Perforated

Tubing

Tubing Size:	2-3/8"
Lining Material:	Nickel
Type of Packer:	AS1-X
Packer Depth Set:	~3,050'

Additional Data

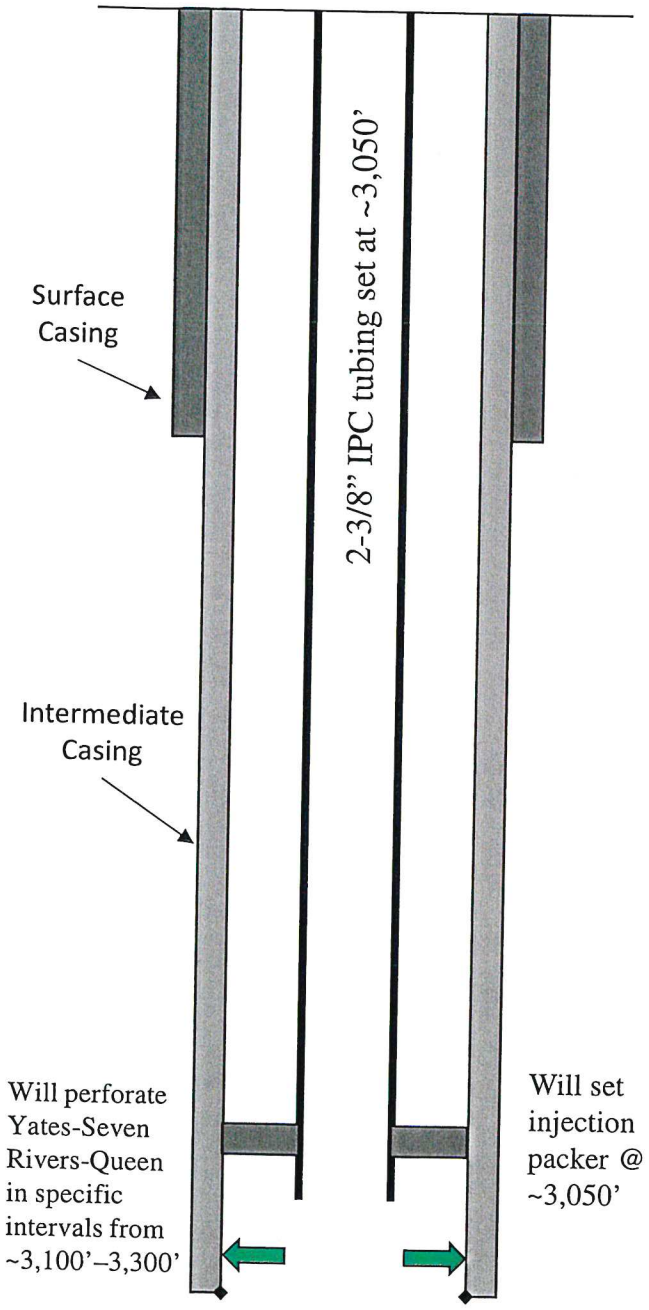
1. New well drilled for injection.
2. Injection Formation: Seven Rivers
3. Field: Langlie-Mattix
4. Well has NOT been perforated before.
5. Underlying Oil Zone: Queen Formation
   - Depth of Underlying Zone: +3,400'

III. Well Data

INJECTION WELL DATA SHEET

OPERATOR: FAE II Operating, LLC
WELL NAME & NUMBER: ARNOTT RAMSAY NCT-B #15
WELL LOCATION: **2455 FNL & 1195 FWL** E 32 25S 37E
FOOTAGE LOCATION | UNIT LETTER | SECTION | TOWNSHIP | RANGE

WELLBORE SCHEMATIC



WELL CONSTRUCTION DATA

Surface Casing

Hole Size:	12-1/4"
Casing Size:	8-5/8"
Depth Set:	965'
Top of Cement:	surface
Cement with	240 sx
Method Determined:	circ. 80 sx

Intermediate Casing

Hole Size:	7-7/8"
Casing Size:	5-1/2"
Depth Set:	3,450'
Top of Cement:	surface
Cement with	300 sx
Method Determined:	circ. 100 sx

Injection Interval

Seven Rivers Inj. Zone
~3,100' to 3,300'
Zone will be Perforated

Tubing

Tubing Size:	2-3/8"
Lining Material:	Nickel
Type of Packer:	AS1-X
Packer Depth Set:	~3,050'

Additional Data

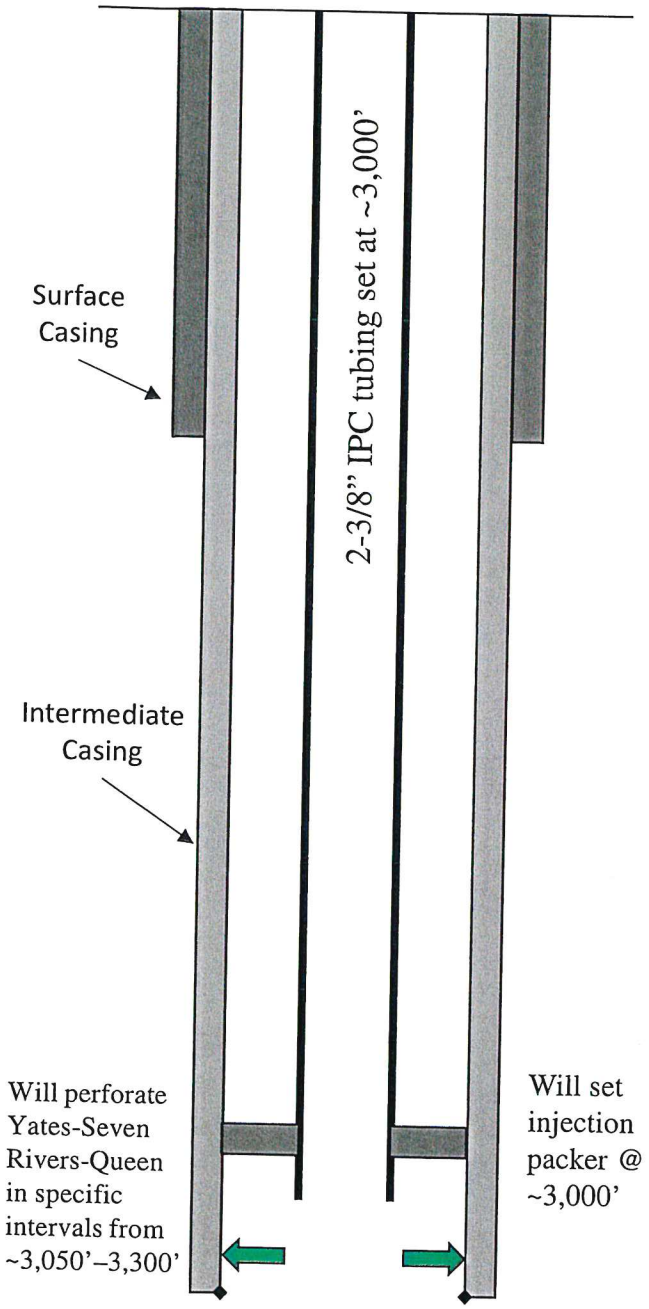
1. New well drilled for injection.
2. Injection Formation: Seven Rivers
3. Field: Langlie-Mattix
4. Well has NOT been perforated before.
5. Underlying Oil Zone: Queen Formation
   - Depth of Underlying Zone: +3,400'

III. Well Data

INJECTION WELL DATA SHEET

OPERATOR: FAE II Operating, LLC
WELL NAME & NUMBER: ARNOTT RAMSAY NCT-B #16
WELL LOCATION: **2625 FNL & 2630 FEL** 32 25S 37E
FOOTAGE LOCATION | UNIT LETTER | SECTION | TOWNSHIP | RANGE

WELLBORE SCHEMATIC



WELL CONSTRUCTION DATA

Surface Casing

Hole Size:	12-1/4"
Casing Size:	8-5/8"
Depth Set:	970'
Top of Cement:	surface
Cement with	240 sx
Method Determined:	circ. 80 sx

Intermediate Casing

Hole Size:	7-7/8"
Casing Size:	5-1/2"
Depth Set:	3,450'
Top of Cement:	surface
Cement with	300 sx
Method Determined:	circ. 100 sx

Injection Interval

Seven Rivers Inj. Zone
~3,050' to 3,300'
Zone will be Perforated

Tubing

Tubing Size:	2-3/8"
Lining Material:	Nickel
Type of Packer:	AS1-X
Packer Depth Set:	~3,000'

Additional Data

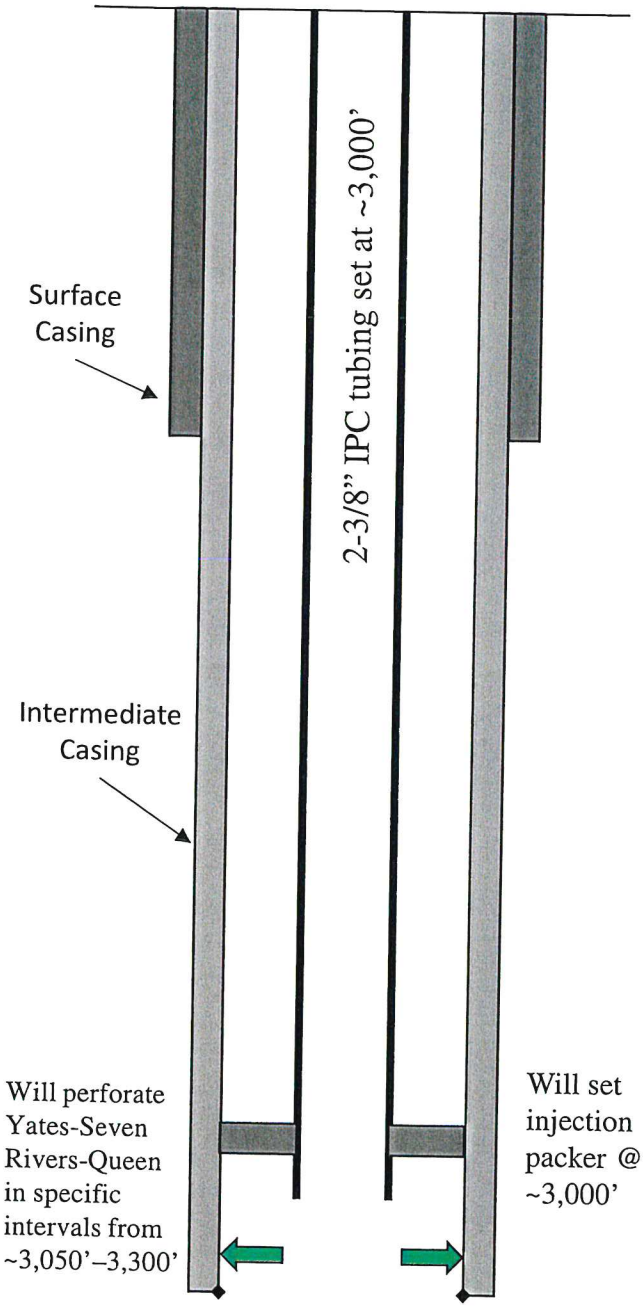
1. New well drilled for injection.
2. Injection Formation: Seven Rivers
3. Field: Langlie-Mattix
4. Well has NOT been perforated before.
5. Underlying Oil Zone: Queen Formation
   - Depth of Underlying Zone: +3,400'

III. Well Data

INJECTION WELL DATA SHEET

OPERATOR: FAE II Operating, LLC
WELL NAME & NUMBER: ARNOTT RAMSAY NCT-B #17
WELL LOCATION: **1350 FSL & 2635 FEL** 32 25S 37E
FOOTAGE LOCATION | UNIT LETTER | SECTION | TOWNSHIP | RANGE

WELLBORE SCHEMATIC



WELL CONSTRUCTION DATA

Surface Casing

Hole Size:	12-1/4"
Casing Size:	8-5/8"
Depth Set:	970'
Top of Cement:	surface
Cement with	240 sx
Method Determined:	circ. 80 sx

Intermediate Casing

Hole Size:	7-7/8"
Casing Size:	5-1/2"
Depth Set:	3,450'
Top of Cement:	surface
Cement with	300 sx
Method Determined:	circ. 100 sx

Injection Interval

Seven Rivers Inj. Zone
~3,050' to 3,300'
Zone will be Perforated

Tubing

Tubing Size:	2-3/8"
Lining Material:	Nickel
Type of Packer:	AS1-X
Packer Depth Set:	~3,000'

Additional Data

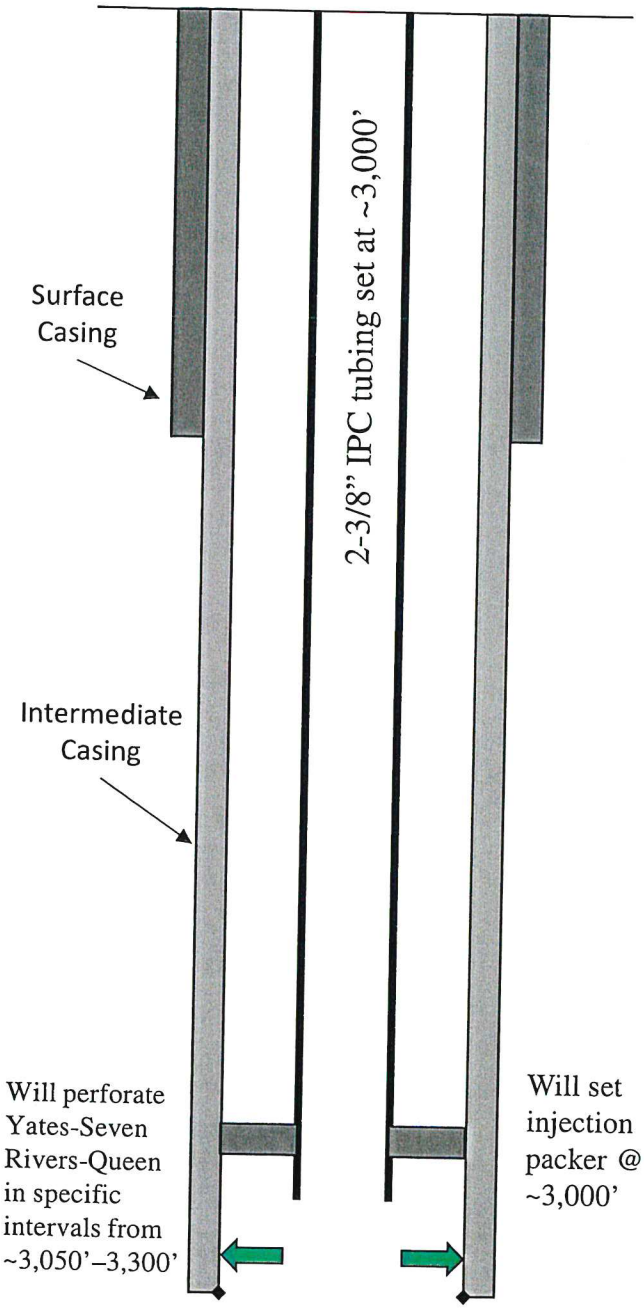
1. New well drilled for injection.
2. Injection Formation: Seven Rivers
3. Field: Langlie-Mattix
4. Well has NOT been perforated before.
5. Underlying Oil Zone: Queen Formation
   - Depth of Underlying Zone: +3,400'

III. Well Data

INJECTION WELL DATA SHEET

OPERATOR: FAE II Operating, LLC
WELL NAME & NUMBER: ARNOTT RAMSAY NCT-B #18
WELL LOCATION: **1115 FNL & 2495 FWL** C 32 25S 37E
FOOTAGE LOCATION | UNIT LETTER | SECTION | TOWNSHIP | RANGE

WELLBORE SCHEMATIC



WELL CONSTRUCTION DATA

Surface Casing

Hole Size:	12-1/4"
Casing Size:	8-5/8"
Depth Set:	970'
Top of Cement:	surface
Cement with	240 sx
Method Determined:	circ. 80 sx

Intermediate Casing

Hole Size:	7-7/8"
Casing Size:	5-1/2"
Depth Set:	3,450'
Top of Cement:	surface
Cement with	300 sx
Method Determined:	circ. 100 sx

Injection Interval

Seven Rivers Inj. Zone
~3,050' to 3,300'
Zone will be Perforated

Tubing

Tubing Size:	2-3/8"
Lining Material:	Nickel
Type of Packer:	AS1-X
Packer Depth Set:	~3,000'

Additional Data

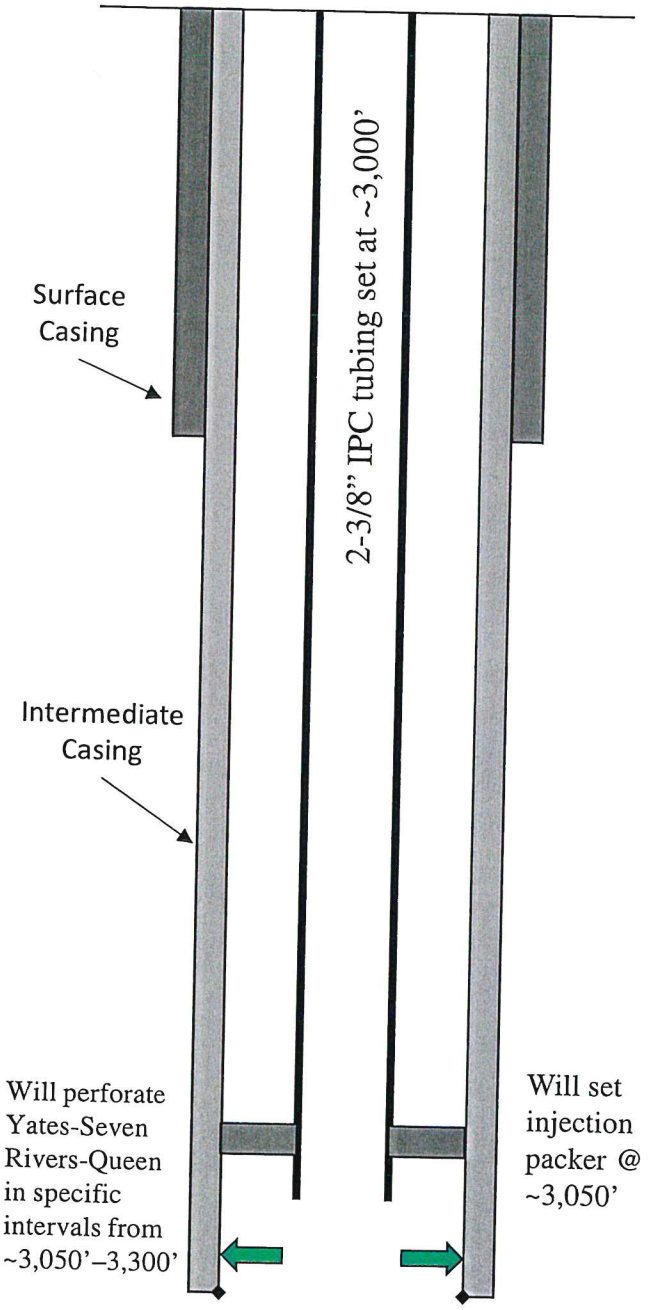
1. New well drilled for injection.
2. Injection Formation: Seven Rivers
3. Field: Langlie-Mattix
4. Well has NOT been perforated before.
5. Underlying Oil Zone: Queen Formation
   - Depth of Underlying Zone: +3,400'

III. Well Data

INJECTION WELL DATA SHEET

OPERATOR: FAE II Operating, LLC
WELL NAME & NUMBER: ARNOTT RAMSAY NCT-B #19
WELL LOCATION: **1340 FSL & 1330 FEL** 32 25S 37E
FOOTAGE LOCATION | UNIT LETTER | SECTION | TOWNSHIP | RANGE

WELLBORE SCHEMATIC



WELL CONSTRUCTION DATA

Surface Casing

Hole Size:	12-1/4"
Casing Size:	8-5/8"
Depth Set:	980'
Top of Cement:	surface
Cement with	240 sx
Method Determined:	circ. 80 sx

Intermediate Casing

Hole Size:	7-7/8"
Casing Size:	5-1/2"
Depth Set:	3,450'
Top of Cement:	surface
Cement with	300 sx
Method Determined:	circ. 100 sx

Injection Interval

Seven Rivers Inj. Zone
~3,050' to 3,300'
Zone will be Perforated

Tubing

Tubing Size:	2-3/8"
Lining Material:	Nickel
Type of Packer:	AS1-X
Packer Depth Set:	~3,000'

Additional Data

1. New well drilled for injection.
2. Injection Formation: Seven Rivers
3. Field: Langlie-Mattix
4. Well has NOT been perforated before.
5. Underlying Oil Zone: Queen Formation
   - Depth of Underlying Zone: +3,400'

V.

Exhibit A shows 35 unique well locations within a ½ mile radius of the proposed new drill injector locations, and 247 unique well locations within a 2 mile radius, and all associated leases.

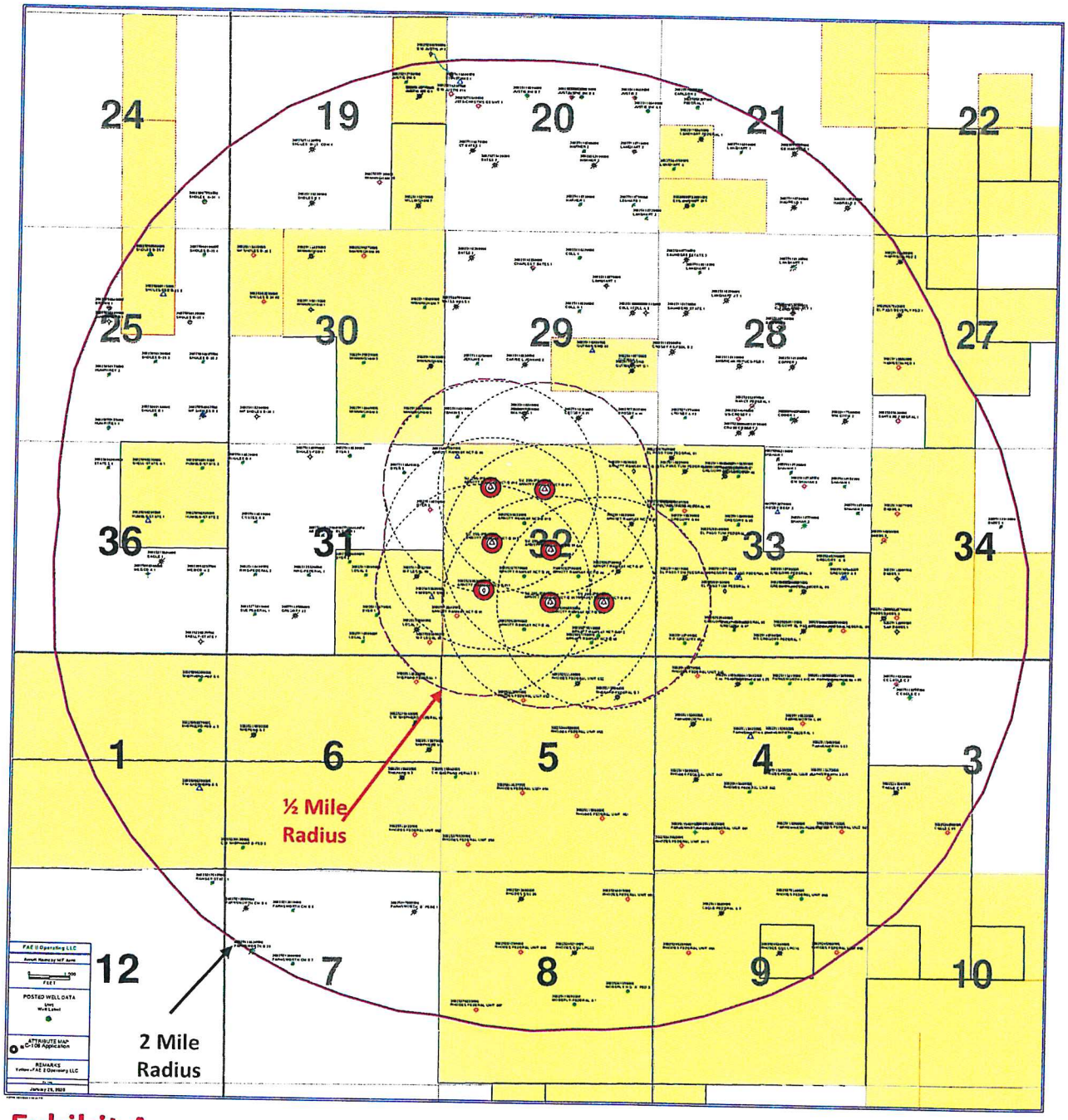


Exhibit A

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 B1-B7. The plugged well wellbore diagrams are displayed in Exhibit C1-C14.

Exhibit B1

UWI/API	OPERATOR	WELL LABEL	TD	WELL TYPE	CURRENT ZONE	Distance	SPUD DATE	COMP DATE	TOWNSHIP	RANGE	SECTION	FOOTAGE	NAD27-SURFLAT	NAD27-SURFLON	WGS84-SURFLAT	WGS84-SURFLON
30025269630000	FAE II Operating LLC	ARNOTT RAMSAY NCT-B #11	3473	LOC-INJ / TA	JALMAT; TAN-YATES-7 RVRS	0	11/21/1981	1/20/1982	25S	37E	32	990 FWL 1650 FSL	32.083910	-103.189610	32.084034	-103.190088
30025118640000	FAE II Operating LLC	ARNOTT RAMSAY NCT-B #1	3400	GAS	JALMAT; TAN-YATES-7 RVRS	926	4/28/1935	8/8/1935	25S	37E	32	330 FWL 990 FSL	32.082090	-103.191730	32.082214	-103.192208
SU_25S-37E_32FF	FAE II Operating LLC	ARNOTT RAMSAY NCT-B #15		LOC-INJ	Location-Injection	1083			25S	37E	32	2455 FNL & 1195 FWL	32.087118	-103.188987	32.087242	-103.189465
30025267570000	FAE II Operating LLC	ARNOTT RAMSAY NCT-B #9	3450	OIL	LANGLIE MATTIX; 7 RVRS-Q-GRAYBURG	1099	4/22/1980	5/28/1980	25S	37E	32	1980 FWL 1980 FSL	32.084820	-103.186420	32.084944	-103.186898
30025433600000	OWL SWD OPERATING LLC	KIMBERLY SWD 1		SWD	SWD; DEVONIAN-SILURIAN	1377			25S	37E	31	287 FEL 1450 FSL	32.083360	-103.193730	32.083484	-103.194208
30025262800000	FAE II Operating LLC	ARNOTT RAMSAY NCT-B #8	3630	OIL	JALMAT; TAN-YATES-7 RVRS	1397	4/26/1979	7/19/1979	25S	37E	32	1980 FWL 660 FSL	32.081190	-103.186390	32.081314	-103.186868
SU_25S-37E_32JJ	FAE II Operating LLC	ARNOTT RAMSAY NCT-B #17		LOC-INJ	Location-Injection	1784			25S	37E	32	1350 FSL & 2635 FEL	32.083084	-103.184291	32.083208	-103.184769
30025118570000	CIMAREX ENERGY CO OF COLORADO	M F LEGAL #2	3350	PLUGGAS	Plugged	1792	8/18/1951	9/30/1951	25S	37E	31	660 FEL 1980 FSL	32.084820	-103.194940	32.084944	-103.195418
30025269620000	FAE II Operating LLC	ARNOTT RAMSAY NCT-B #10	3400	OIL	JALMAT; TAN-YATES-7 RVRS	1840	9/5/1980	10/10/1980	25S	37E	32	1980 FWL 1980 FNL	32.088470	-103.186440	32.088594	-103.186918
30025282890000	FAE II Operating LLC	M F LEGAL #5	3350	GAS	JALMAT; TAN-YATES-7 RVRS	1850	7/29/1983	8/10/1983	25S	37E	31	330 FEL 330 FSL	32.080280	-103.193850	32.080404	-103.194328
30025118560000	BURLINGTON RESOURCES O&G CO LP	LEGAL 1	3254	PLUGGAS	Plugged	1977	12/11/1950	8/10/1951	25S	37E	31	660 FEL 660 FSL	32.081190	-103.194920	32.081314	-103.195398
SU_25S-37E_32GG	FAE II Operating LLC	ARNOTT RAMSAY NCT-B #16		LOC-INJ	Location-Injection	1987			25S	37E	32	2625 FNL & 2630 FEL	32.086664	-103.184285	32.086788	-103.184763
30025118550000	FULFER OIL & CATTLE COMPANY LLC	DYER 3	2977	GAS	JALMAT; TAN-YATES-7 RVRS	2299	6/26/1954	7/11/1954	25S	37E	31	330 FEL 1650 FNL	32.089360	-103.193900	32.089484	-103.194378
SU_25S-37E_32CC	FAE II Operating LLC	ARNOTT RAMSAY NCT-B #14		LOC-INJ	Location-Injection	2335			25S	37E	32	1060 FNL & 1160 FWL	32.090940	-103.189133	32.091064	-103.189611
30025262780000	FAE II Operating LLC	ARNOTT RAMSAY NCT-B #6	3600	OIL	LANGLIE MATTIX; 7 RVRS-Q-GRAYBURG	2500	4/6/1979	6/8/1979	25S	37E	32	1980 FEL 1980 FSL	32.084820	-103.182120	32.084944	-103.182598
30025306550000	FAE II Operating LLC	ARNOTT RAMSAY NCT-B #13	3159	OIL	JALMAT; TAN-YATES-7 RVRS	2560	9/6/1989	9/22/1989	25S	37E	32	1980 FEL 990 FSL	32.082100	-103.182100	32.082224	-103.182578

Exhibit B2

UWI/API	OPERATOR	WELL LABEL	TD	WELL TYPE	CURRENT ZONE	Distance	SPUD DATE	COMP DATE	TOWNSHIP	RANGE	SECTION	FOOTAGE	NAD27-SURFLAT	NAD27-SURFLON	WGS84-SURFLAT	WGS84-SURFLON
SU_25S-37E_32CC	FAE II Operating LLC	ARNOTT RAMSAY NCT-B #14		LOC-INJ	Location-Injection	0			25S	37E	32	1060 FNL & 1160 FWL	32.090940	-103.189133	32.091064	-103.189611
30025261060000	FAE II Operating LLC	ARNOTT RAMSAY NCT-B #4	3600	SWD	SWD; SEVEN RIVERS-QUEEN	1115	12/27/1978	2/7/1979	25S	37E	32	330 FWL 330 FNL	32.092990	-103.191800	32.093114	-103.192278
30025269620000	FAE II Operating LLC	ARNOTT RAMSAY NCT-B #10	3400	OIL	JALMAT; TAN-YATES-7 RVRS	1211	9/5/1980	10/10/1980	25S	37E	32	1980 FWL 1980 FNL	32.088470	-103.186440	32.088594	-103.186918
SU_25S-37E_32FF	FAE II Operating LLC	ARNOTT RAMSAY NCT-B #15		LOC-INJ	Location-Injection	1268			25S	37E	32	2455 FNL & 1195 FWL	32.087118	-103.188987	32.087242	-103.189465
SU_25S-37E_32BB	FAE II Operating LLC	ARNOTT RAMSAY NCT-B #18		LOC-INJ	Location-Injection	1436			25S	37E	32	1115 FNL & 2495 FWL	32.090808	-103.184803	32.090932	-103.185281
30025118550000	FULFER OIL & CATTLE COMPANY LLC	DYER 3	2977	GAS	JALMAT; TAN-YATES-7 RVRS	1664	6/26/1954	7/11/1954	25S	37E	31	330 FEL 1650 FNL	32.089360	-103.193900	32.089484	-103.194378
30025118230000	AMERADA OLSEN & PEERLES	IMA HAYS 1	8576	DRY	Plugged	1815	11/29/1956	1/31/1957	25S	37E	29	1980 FWL 660 FSL	32.095730	-103.186480	32.095854	-103.186958
30025118310000	TEXAS PACIFIC OIL COMPANY	JENKINS 1	3174	PLUGOIL	Plugged	1816	12/5/1950	12/10/1951	25S	37E	29	330 FWL 660 FSL	32.095720	-103.191810	32.095844	-103.192288
30025118340000	BURLESON LEWIS B INCORPORATED	JENKINS 3	3443	PLUGGAS	Plugged	1893	11/20/1951	5/12/1952	25S	37E	29	1980 FWL 760 FSL	32.096000	-103.186480	32.096124	-103.186958
SU_25S-37E_32GG	FAE II Operating LLC	ARNOTT RAMSAY NCT-B #16		LOC-INJ	Location-Injection	2142			25S	37E	32	2625 FNL & 2630 FEL	32.086664	-103.184285	32.086788	-103.184763
30025267570000	FAE II Operating LLC	ARNOTT RAMSAY NCT-B #9	3450	OIL	LANGLIE MATTIX; 7 RVRS-Q-GRAYBURG	2219	4/22/1980	5/28/1980	25S	37E	32	1980 FWL 1980 FSL	32.084820	-103.186420	32.084944	-103.186898
30025118540000	FULFER OIL & CATTLE COMPANY LLC	DYER 2	3171	OIL	JALMAT; TAN-YATES-7 RVRS	2303	12/13/1952	1/3/1953	25S	37E	31	980 FEL 735 FNL	32.091880	-103.196020	32.092004	-103.196498
30025269630000	FAE II Operating LLC	ARNOTT RAMSAY NCT-B #11	3473	LOC-INJ / TA	JALMAT; TAN-YATES-7 RVRS	2335	11/21/1981	1/20/1982	25S	37E	32	990 FWL 1650 FSL	32.083910	-103.189610	32.084034	-103.190088
30025118450000	BURLINGTON RESOURCES O&G CO LP	WINNINGHAM 6	3191	PLUGOIL	Plugged	2506	4/6/1951	4/28/1951	25S	37E	30	660 FEL 660 FSL	32.095710	-103.195000	32.095834	-103.195478

Exhibit B3

UWI/API	OPERATOR	WELL LABEL	TD	WELL TYPE	CURRENT ZONE	Distance	SPUD DATE	COMP DATE	TOWNSHIP	RANGE	SECTION	FOOTAGE	NAD27-SURFLAT	NAD27-SURFLON	WGS84-SURFLAT	WGS84-SURFLON
SU_25S-37E_32FF	FAE II Operating LLC	ARNOTT RAMSAY NCT-B #15		LOC-INJ	Location-Injection	0			25S	37E	32	2455 FNL & 1195 FWL	32.087118	-103.188987	32.087242	-103.189465
30025269620000	FAE II Operating LLC	ARNOTT RAMSAY NCT-B #10	3400	OIL	JALMAT; TAN-YATES-7 RVRS	956	9/5/1980	10/10/1980	25S	37E	32	1980 FWL 1980 FNL	32.088470	-103.186440	32.088594	-103.186918
30025269630000	FAE II Operating LLC	ARNOTT RAMSAY NCT-B #11	3473	LOC-INJ / TA	JALMAT; TAN-YATES-7 RVRS	1083	11/21/1981	1/20/1982	25S	37E	32	990 FWL 1650 FSL	32.083910	-103.189610	32.084034	-103.190088
30025267570000	FAE II Operating LLC	ARNOTT RAMSAY NCT-B #9	3450	OIL	LANGLIE MATTIX; 7 RVRS-Q-GRAYBURG	1142	4/22/1980	5/28/1980	25S	37E	32	1980 FWL 1980 FSL	32.084820	-103.186420	32.084944	-103.186898
SU_25S-37E_32CC	FAE II Operating LLC	ARNOTT RAMSAY NCT-B #14		LOC-INJ	Location-Injection	1268			25S	37E	32	1060 FNL & 1160 FWL	32.090940	-103.189133	32.091064	-103.189611
SU_25S-37E_32GG	FAE II Operating LLC	ARNOTT RAMSAY NCT-B #16		LOC-INJ	Location-Injection	1565			25S	37E	32	2625 FNL & 2630 FEL	32.086664	-103.184285	32.086788	-103.184763
30025118550000	FULFER OIL & CATTLE COMPANY LLC	DYER 3	2977	GAS	JALMAT; TAN-YATES-7 RVRS	1790	6/26/1954	7/11/1954	25S	37E	31	330 FEL 1650 FNL	32.089360	-103.193900	32.089484	-103.194378
SU_25S-37E_32BB	FAE II Operating LLC	ARNOTT RAMSAY NCT-B #18		LOC-INJ	Location-Injection	1849			25S	37E	32	1115 FNL & 2495 FWL	32.090808	-103.184803	32.090932	-103.185281
30025118640000	FAE II Operating LLC	ARNOTT RAMSAY NCT-B #1	3400	GAS	JALMAT; TAN-YATES-7 RVRS	1898	4/28/1935	8/8/1935	25S	37E	32	330 FWL 990 FSL	32.082090	-103.191730	32.082214	-103.192208
30025433600000	OWL SWD OPERATING LLC	KIMBERLY SWD 1		SWD	SWD; DEVONIAN-SILURIAN	2005			25S	37E	31	287 FEL 1450 FSL	32.083360	-103.193730	32.083484	-103.194208
SU_25S-37E_32JJ	FAE II Operating LLC	ARNOTT RAMSAY NCT-B #17		LOC-INJ	Location-Injection	2052			25S	37E	32	1350 FSL & 2635 FEL	32.083084	-103.184291	32.083208	-103.184769
30025118570000	CIMAREX ENERGY CO OF COLORADO	M F LEGAL #2	3350	PLUGGAS	Plugged	2115	8/18/1951	9/30/1951	25S	37E	31	660 FEL 1980 FSL	32.084820	-103.194940	32.084944	-103.195418
30025262800000	FAE II Operating LLC	ARNOTT RAMSAY NCT-B #8	3630	OIL	JALMAT; TAN-YATES-7 RVRS	2145	4/26/1979	7/19/1979	25S	37E	32	1980 FWL 660 FSL	32.081190	-103.186390	32.081314	-103.186868
30025261060000	FAE II Operating LLC	ARNOTT RAMSAY NCT-B #4	3600	SWD	SWD; SEVEN RIVERS-QUEEN	2158	12/27/1978	2/7/1979	25S	37E	32	330 FWL 330 FNL	32.092990	-103.191800	32.093114	-103.192278
30025262780000	FAE II Operating LLC	ARNOTT RAMSAY NCT-B #6	3600	OIL	LANGLIE MATTIX; 7 RVRS-Q-GRAYBURG	2400	4/6/1979	6/8/1979	25S	37E	32	1980 FEL 1980 FSL	32.084820	-103.182120	32.084944	-103.182598

Exhibit B4

UWI/API	OPERATOR	WELL LABEL	TD	WELL TYPE	CURRENT ZONE	Distance	SPUD DATE	COMP DATE	TOWNSHIP	RANGE	SECTION	FOOTAGE	NAD27-SURFLAT	NAD27-SURFLON	WGS84-SURFLAT	WGS84-SURFLON
SU_25S-37E_32GG	FAE II Operating LLC	ARNOTT RAMSAY NCT-B #16		LOC-INJ	Location-Injection	0			25S	37E	32	2625 FNL & 2630 FEL	32.086664	-103.184285	32.086788	-103.184763
30025269620000	FAE II Operating LLC	ARNOTT RAMSAY NCT-B #10	3400	OIL	JALMAT; TAN-YATES-7 RVRS	932	9/5/1980	10/10/1980	25S	37E	32	1980 FWL 1980 FNL	32.088470	-103.186440	32.088594	-103.186918
30025267570000	FAE II Operating LLC	ARNOTT RAMSAY NCT-B #9	3450	OIL	LANGLIE MATTIX; 7 RVRS-Q-GRAYBURG	935	4/22/1980	5/28/1980	25S	37E	32	1980 FWL 1980 FSL	32.084820	-103.186420	32.084944	-103.186898
30025262780000	FAE II Operating LLC	ARNOTT RAMSAY NCT-B #6	3600	OIL	LANGLIE MATTIX; 7 RVRS-Q-GRAYBURG	942	4/6/1979	6/8/1979	25S	37E	32	1980 FEL 1980 FSL	32.084820	-103.182120	32.084944	-103.182598
SU_25S-37E_32JJ	FAE II Operating LLC	ARNOTT RAMSAY NCT-B #17		LOC-INJ	Location-Injection	1186			25S	37E	32	1350 FSL & 2635 FEL	32.083084	-103.184291	32.083208	-103.184769
SU_25S-37E_32BB	FAE II Operating LLC	ARNOTT RAMSAY NCT-B #18		LOC-INJ	Location-Injection	1384			25S	37E	32	1115 FNL & 2495 FWL	32.090808	-103.184803	32.090932	-103.185281
SU_25S-37E_32FF	FAE II Operating LLC	ARNOTT RAMSAY NCT-B #15		LOC-INJ	Location-Injection	1565			25S	37E	32	2455 FNL & 1195 FWL	32.087118	-103.188987	32.087242	-103.189465
30025306550000	FAE II Operating LLC	ARNOTT RAMSAY NCT-B #13	3159	OIL	JALMAT; TAN-YATES-7 RVRS	1677	9/6/1989	9/22/1989	25S	37E	32	1980 FEL 990 FSL	32.082100	-103.182100	32.082224	-103.182578
30025262790000	HARTMAN DOYLE	ARNOTT RAMSAY NCT-B #7	3600	PLUGOIL	Plugged	1836	4/14/1979	7/11/1979	25S	37E	32	990 FEL 2130 FSL	32.085240	-103.178930	32.085364	-103.179408
SU_25S-37E_32II	FAE II Operating LLC	ARNOTT RAMSAY NCT-B #19		LOC-INJ	Location-Injection	1840			25S	37E	32	1340 FSL & 1330 FEL	32.083079	-103.180047	32.083203	-103.180525
30025262800000	FAE II Operating LLC	ARNOTT RAMSAY NCT-B #8	3630	OIL	JALMAT; TAN-YATES-7 RVRS	1944	4/26/1979	7/19/1979	25S	37E	32	1980 FWL 660 FSL	32.081190	-103.186390	32.081314	-103.186868
30025269630000	FAE II Operating LLC	ARNOTT RAMSAY NCT-B #11	3473	LOC-INJ / TA	JALMAT; TAN-YATES-7 RVRS	1987	11/21/1981	1/20/1982	25S	37E	32	990 FWL 1650 FSL	32.083910	-103.189610	32.084034	-103.190088
SU_25S-37E_32CC	FAE II Operating LLC	ARNOTT RAMSAY NCT-B #14		LOC-INJ	Location-Injection	2142			25S	37E	32	1060 FNL & 1160 FWL	32.090940	-103.189133	32.091064	-103.189611
30025118620000	CHEVRON U S A INCORPORATED	ARNOTT RAMSAY NCT B #2	3225	PLUGGAS	Plugged	2205	8/22/1955	10/9/1955	25S	37E	32	660 FEL 1980 FNL	32.088500	-103.177890	32.088624	-103.178368
30025275510000	FAE II Operating LLC	ARNOTT RAMSAY NCT-B #12	3620	OIL	JALMAT; TAN-YATES-7 RVRS	2328	1/13/1982	3/18/1982	25S	37E	32	1480 FEL 500 FSL	32.080760	-103.180480	32.080884	-103.180958
30025261050000	HARTMAN DOYLE	ARNOTT RAMSAY NCT-B #5	3500	PLUGOIL	Plugged	2373	12/20/1978	1/19/1979	25S	37E	32	1650 FEL 330 FSL	32.080290	-103.181020	32.080414	-103.181498

Exhibit B5

UWI/API	OPERATOR	WELL LABEL	TD	WELL TYPE	CURRENT ZONE	Distance	SPUD DATE	COMP DATE	TOWNSHIP	RANGE	SECTION	FOOTAGE	NAD27-SURFLAT	NAD27-SURFLON	WGS84-SURFLAT	WGS84-SURFLON
SU_25S-37E_32JJ	FAE II Operating LLC	ARNOTT RAMSAY NCT-B #17		LOC-INJ	Location-Injection	0			25S	37E	32	1350 FSL & 2635 FEL	32.083084	-103.184291	32.083208	-103.184769
30025306550000	FAE II Operating LLC	ARNOTT RAMSAY NCT-B #13	3159	OIL	JALMAT; TAN-YATES-7 RVRS	796	9/6/1989	9/22/1989	25S	37E	32	1980 FEL 990 FSL	32.082100	-103.182100	32.082224	-103.182578
30025267570000	FAE II Operating LLC	ARNOTT RAMSAY NCT-B #9	3450	OIL	LANGLIE MATTIX; 7 RVRS-Q-GRAYBURG	910	4/22/1980	5/28/1980	25S	37E	32	1980 FWL 1980 FSL	32.084820	-103.186420	32.084944	-103.186898
30025262780000	FAE II Operating LLC	ARNOTT RAMSAY NCT-B #6	3600	OIL	LANGLIE MATTIX; 7 RVRS-Q-GRAYBURG	921	4/6/1979	6/8/1979	25S	37E	32	1980 FEL 1980 FSL	32.084820	-103.182120	32.084944	-103.182598
SU_25S-37E_32GG	FAE II Operating LLC	ARNOTT RAMSAY NCT-B #16		LOC-INJ	Location-Injection	1186			25S	37E	32	1980 FWL 660 FSL	32.081190	-103.186390	32.081314	-103.186868
SU_25S-37E_32II	FAE II Operating LLC	ARNOTT RAMSAY NCT-B #19		LOC-INJ	Location-Injection	1406			25S	37E	32	2625 FNL & 2630 FEL	32.086664	-103.184285	32.086788	-103.184763
30025261050000	HARTMAN DOYLE	ARNOTT RAMSAY NCT-B #5	3500	PLUGOIL	Plugged	1426	12/20/1978	1/19/1979	25S	37E	32	1340 FSL & 1330 FEL	32.083079	-103.180047	32.083203	-103.180525
30025275510000	FAE II Operating LLC	ARNOTT RAMSAY NCT-B #12	3620	OIL	JALMAT; TAN-YATES-7 RVRS	1479	1/13/1982	3/18/1982	25S	37E	32	1650 FEL 330 FSL	32.080290	-103.181020	32.080414	-103.181498
30025269630000	FAE II Operating LLC	ARNOTT RAMSAY NCT-B #11	3473	LOC-INJ / TA	JALMAT; TAN-YATES-7 RVRS	1784	11/21/1981	1/20/1982	25S	37E	32	1480 FEL 500 FSL	32.080760	-103.180480	32.080884	-103.180958
30025262790000	HARTMAN DOYLE	ARNOTT RAMSAY NCT-B #7	3600	PLUGOIL	Plugged	1915	4/14/1979	7/11/1979	25S	37E	32	990 FWL 1650 FSL	32.083910	-103.189610	32.084034	-103.190088
30025269620000	FAE II Operating LLC	ARNOTT RAMSAY NCT-B #10	3400	OIL	JALMAT; TAN-YATES-7 RVRS	1922	9/5/1980	10/10/1980	25S	37E	32	990 FEL 2130 FSL	32.085240	-103.178930	32.085364	-103.179408
30025281140000	CIMAREX ENERGY CO OF COLORADO	RHODES FEDERAL UNIT #52	3607	PLUGGAS	Plugged	1968	6/13/1983	7/21/1983	26S	37E	5	1980 FWL 1980 FNL	32.088470	-103.186440	32.088594	-103.186918
SU_25S-37E_32FF	FAE II Operating LLC	ARNOTT RAMSAY NCT-B #15		LOC-INJ	Location-Injection	2052			25S	37E	32	1980 FEL 660 FNL	32.077570	-103.182090	32.077694	-103.182568
30025313390000	FAE II Operating LLC	RHODES FEDERAL UNIT #53	3100	GAS	RHODES; YATES-SEVEN RIVERS	2338	8/20/1991	9/20/1991	26S	37E	5	2455 FNL & 1195 FWL	32.087118	-103.188987	32.087242	-103.189465
30025118640000	FAE II Operating LLC	ARNOTT RAMSAY NCT-B #1	3400	GAS	JALMAT; TAN-YATES-7 RVRS	2487	4/28/1935	8/8/1935	25S	37E	32	1980 FWL 1100 FNL	32.076350	-103.186390	32.076474	-103.186868
SU_25S-37E_32BB	FAE II Operating LLC	ARNOTT RAMSAY NCT-B #18		LOC-INJ	Location-Injection	2565			25S	37E	32	330 FWL 990 FSL	32.082090	-103.191730	32.082214	-103.192208
												1115 FNL & 2495 FWL	32.090808	-103.184803	32.090932	-103.185281

Exhibit B6

UWI/API	OPERATOR	WELL LABEL	TD	WELL TYPE	CURRENT ZONE	Distance	SPUD DATE	COMP DATE	TOWNSHIP	RANGE	SECTION	FOOTAGE	NAD27-SURFLAT	NAD27-SURFLON	WGS84-SURFLAT	WGS84-SURFLON
SU_25S-37E_32BB	FAE II Operating LLC	ARNOTT RAMSAY NCT-B #18		LOC-INJ	Location-Injection	0			25S	37E	32	1115 FNL & 2495 FWL	32.090808	-103.184803	32.090932	-103.185281
30025269620000	FAE II Operating LLC	ARNOTT RAMSAY NCT-B #10	3400	OIL	JALMAT; TAN-YATES-7 RVRS	946	9/5/1980	10/10/1980	25S	37E	32	1980 FWL 1980 FNL	32.088470	-103.186440	32.088594	-103.186918
SU_25S-37E_32GG	FAE II Operating LLC	ARNOTT RAMSAY NCT-B #16		LOC-INJ	Location-Injection	1384			25S	37E	32	2625 FNL & 2630 FEL	32.086664	-103.184285	32.086788	-103.184763
SU_25S-37E_32CC	FAE II Operating LLC	ARNOTT RAMSAY NCT-B #14		LOC-INJ	Location-Injection	1436			25S	37E	32	1060 FNL & 1160 FWL	32.090940	-103.189133	32.091064	-103.189611
30025118230000	AMERADA OLSEN & PEERLES	IMA HAYS 1	8576	DRY	Plugged	1723	11/29/1956	1/31/1957	25S	37E	29	1980 FWL 660 FSL	32.095730	-103.186480	32.095854	-103.186958
30025118340000	BURLESON LEWIS B INCORPORATED	JENKINS 3	3443	PLUGGAS	Plugged	1808	11/20/1951	5/12/1952	25S	37E	29	1980 FWL 760 FSL	32.096000	-103.186480	32.096124	-103.186958
30025118360000	AMERICAN INLAND RESOURCES COMPANY LLC	CROSBY A #1	3100	PLUGGAS	Plugged	1848	2/23/1929	10/24/1929	25S	37E	29	1980 FEL 660 FSL	32.095740	-103.182200	32.095864	-103.182678
SU_25S-37E_32FF	FAE II Operating LLC	ARNOTT RAMSAY NCT-B #15		LOC-INJ	Location-Injection	1849			25S	37E	32	2455 FNL & 1195 FWL	32.087118	-103.188987	32.087242	-103.189465
30025267570000	FAE II Operating LLC	ARNOTT RAMSAY NCT-B #9	3450	OIL	LANGLIE MATTIX; 7 RVRS-Q-GRAYBURG	2055	4/22/1980	5/28/1980	25S	37E	32	1980 FWL 1980 FSL	32.084820	-103.186420	32.084944	-103.186898
30025262780000	FAE II Operating LLC	ARNOTT RAMSAY NCT-B #6	3600	OIL	LANGLIE MATTIX; 7 RVRS-Q-GRAYBURG	2175	4/6/1979	6/8/1979	25S	37E	32	1980 FEL 1980 FSL	32.084820	-103.182120	32.084944	-103.182598
30025118630000	FAE II Operating LLC	ARNOTT RAMSAY NCT-B #3	8797	TA	TA	2384	10/26/1956	3/8/1957	25S	37E	32	600 FEL 660 FNL	32.092120	-103.177730	32.092244	-103.178208
30025118620000	CHEVRON U S A INCORPORATED	ARNOTT RAMSAY NCT B #2	3225	PLUGGAS	Plugged	2415	8/22/1955	10/9/1955	25S	37E	32	660 FEL 1980 FNL	32.088500	-103.177890	32.088624	-103.178368
30025261060000	FAE II Operating LLC	ARNOTT RAMSAY NCT-B #4	3600	SWD	SWD; SEVEN RIVERS-QUEEN	2429	12/27/1978	2/7/1979	25S	37E	32	330 FWL 330 FNL	32.092990	-103.191800	32.093114	-103.192278
SU_25S-37E_32JJ	FAE II Operating LLC	ARNOTT RAMSAY NCT-B #17		LOC-INJ	Location-Injection	2565			25S	37E	32	1350 FSL & 2635 FEL	32.083084	-103.184291	32.083208	-103.184769
30025262790000	HARTMAN DOYLE	ARNOTT RAMSAY NCT-B #7	3600	PLUGOIL	Plugged	2682	4/14/1979	7/11/1979	25S	37E	32	990 FEL 2130 FSL	32.085240	-103.178930	32.085364	-103.179408

Exhibit B7

UWI/API	OPERATOR	WELL LABEL	TD	WELL TYPE	CURRENT ZONE	Distance	SPUD DATE	COMP DATE	TOWNSHIP	RANGE	SECTION	FOOTAGE	NAD27-SURFLAT	NAD27-SURFLON	WGS84-SURFLAT	WGS84-SURFLON
SU_25S-37E_32II	FAE II Operating LLC	ARNOTT RAMSAY NCT-B #19		LOC-INJ	Location-Injection	0			25S	37E	32	1340 FSL & 1330 FEL	32.083079	-103.180047	32.083203	-103.180525
30025306550000	FAE II Operating LLC	ARNOTT RAMSAY NCT-B #13	3159	OIL	JALMAT; TAN-YATES-7 RVRS	754	9/6/1989	9/22/1989	25S	37E	32	1980 FEL 990 FSL	32.082100	-103.182100	32.082224	-103.182578
30025275510000	FAE II Operating LLC	ARNOTT RAMSAY NCT-B #12	3620	OIL	JALMAT; TAN-YATES-7 RVRS	782	1/13/1982	3/18/1982	25S	37E	32	1480 FEL 500 FSL	32.080760	-103.180480	32.080884	-103.180958
30025262790000	HARTMAN DOYLE	ARNOTT RAMSAY NCT-B #7	3600	PLUGOIL	Plugged	806	4/14/1979	7/11/1979	25S	37E	32	990 FEL 2130 FSL	32.085240	-103.178930	32.085364	-103.179408
30025262780000	FAE II Operating LLC	ARNOTT RAMSAY NCT-B #6	3600	OIL	LANGLIE MATTIX; 7 RVRS-Q-GRAYBURG	897	4/6/1979	6/8/1979	25S	37E	32	1980 FEL 1980 FSL	32.084820	-103.182120	32.084944	-103.182598
30025261050000	HARTMAN DOYLE	ARNOTT RAMSAY NCT-B #5	3500	PLUGOIL	Plugged	979	12/20/1978	1/19/1979	25S	37E	32	1650 FEL 330 FSL	32.080290	-103.181020	32.080414	-103.181498
SU_25S-37E_32JJ	FAE II Operating LLC	ARNOTT RAMSAY NCT-B #17		LOC-INJ	Location-Injection	1406			25S	37E	32	1350 FSL & 2635 FEL	32.083084	-103.184291	32.083208	-103.184769
SU_25S-37E_32GG	FAE II Operating LLC	ARNOTT RAMSAY NCT-B #16		LOC-INJ	Location-Injection	1840			25S	37E	32	2625 FNL & 2630 FEL	32.086664	-103.184285	32.086788	-103.184763
30025118620000	CHEVRON U S A INCORPORATED	ARNOTT RAMSAY NCT B #2	3225	PLUGGAS	Plugged	1933	8/22/1955	10/9/1955	25S	37E	32	660 FEL 1980 FNL	32.088500	-103.177890	32.088624	-103.178368
30025281140000	CIMAREX ENERGY CO OF COLORADO	RHODES FEDERAL UNIT #52	3607	PLUGGAS	Plugged	1947	6/13/1983	7/21/1983	26S	37E	5	1980 FEL 660 FNL	32.077570	-103.182090	32.077694	-103.182568
30025119550000	EL PASO NATURAL GAS COMPANY	SHEPARD-FEDERAL B 3	3290	PLUGGAS	Plugged	2161	1/14/1937	4/6/1937	26S	37E	5	990 FEL 990 FNL	32.076660	-103.178900	32.076784	-103.179378
30025267570000	FAE II Operating LLC	ARNOTT RAMSAY NCT-B #9	3450	OIL	LANGLIE MATTIX; 7 RVRS-Q-GRAYBURG	2189	4/22/1980	5/28/1980	25S	37E	32	1980 FWL 1980 FSL	32.084820	-103.186420	32.084944	-103.186898
30025262800000	FAE II Operating LLC	ARNOTT RAMSAY NCT-B #8	3630	OIL	JALMAT; TAN-YATES-7 RVRS	2193	4/26/1979	7/19/1979	25S	37E	32	1980 FWL 660 FSL	32.081190	-103.186390	32.081314	-103.186868
30025118810000	CIMAREX ENERGY CO OF COLORADO	EL PASO TOM FEDERAL #7	3214	PLUGOIL	Plugged	2215	9/12/1954	10/1/1954	25S	37E	33	660 FWL 1980 FSL	32.084840	-103.173600	32.084964	-103.174078
30025118740000	FAE II Operating LLC	R O GREGORY #3	3285	OIL	JALMAT; TAN-YATES-7 RVRS	2339	8/16/1960	10/4/1960	25S	37E	33	660 FWL 330 FSL	32.080300	-103.173560	32.080424	-103.174038

VI. Exhibit C1

IMA Hays 1

API# 30-025-11823
1980 FWL 660 FSL,
Sec 29, T25S, R37E Lea Co., NM

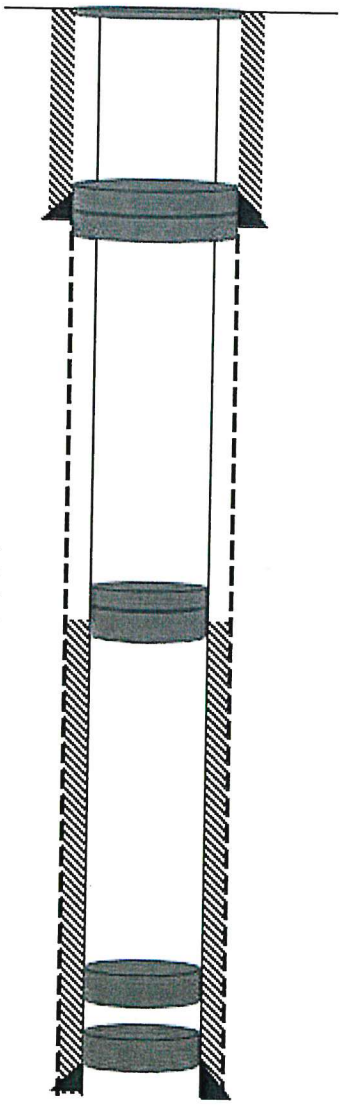
Forty Acres Energy

Well Name	IMA HAYS 1
County	Lea County, NM
Location	29-25S-37E
API	30-025-11823

10/3/2019

Surface Casing

OD	13.375"
WT	36#
Depth	600'
TOC	Surface'
# sks	600
Hole	17.5"



Status: Plugged

Cum Oil: 0 Mbo

Plugging Profile

	Type	Depth	TOC
1	Cement	8,350	8,236
2	Cement	7,650	7,536
3	Cement	3,757	3,700
4	Cement	3,700	3,644
5	Cement	642	619
6	Cement	619	596
7	Cement	28	15

Cut Casing @ '

Objective

Perforations

PI Top		PI Bot
-	-	-
-	-	-
-	-	-
-	-	-

Production Casing

OD	8.625"
WT	32#
Depth	3704'
TOC	835'
# sks	1000
Hole	11"

PBTD	'
TD	8576'

Step	Procedure
1	
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Geologist's Notes

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VI. Exhibit C2

JENKINS 1

API# 30-025-11831
1980 FEL 1980 FSL,
Sec 36, T25S, R36E Lea Co., NM

Forty Acres Energy

Well Name	JENKINS 1
County	Lea County, NM
Location	36-25S-36E
API	30-025-11831

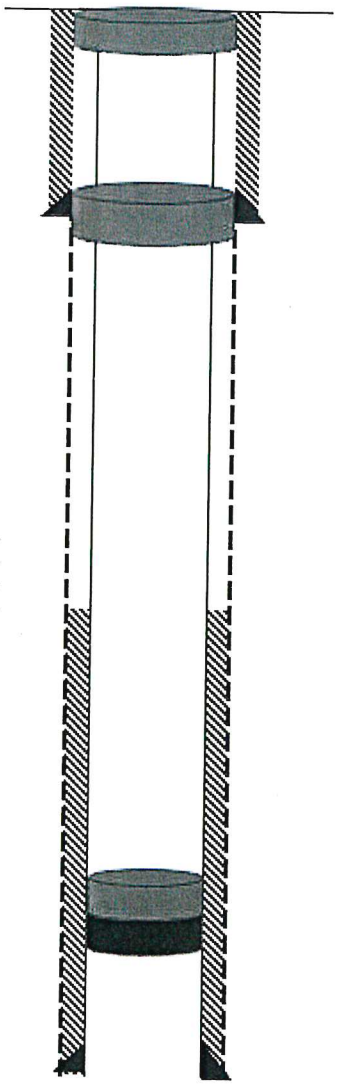
1/6/2020

Status: 0

Cum Oil: 0 Mbo

Surface Casing

OD	8.625"
WT	32#
Depth	295'
TOC	Surface'
# sks	100
Hole	10.75"



Plugging Profile

	Type	Depth	TOC
1	CIBP	2,650	-
2	Cement	2,650	2,605
3	Cement	540	398
4	Cement	96	Surface
5	0	-	-

Cut Casing @ '

Objective

Perforations

PI Top		PI Bot
-	-	-
-	-	-
-	-	-
-	-	-

Production Casing

OD	5.5"
WT	15.5#
Depth	2686'
TOC	'
# sks	400
Hole	7.625"

PBTD	'
TD	3173'

Step	Procedure
1	
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Geologist's Notes

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VI. Exhibit C3

JENKINS #3

API# 30-025-11834
760 FSL 1980 FWL,
Sec 29, T25S, R37E Lea Co., NM

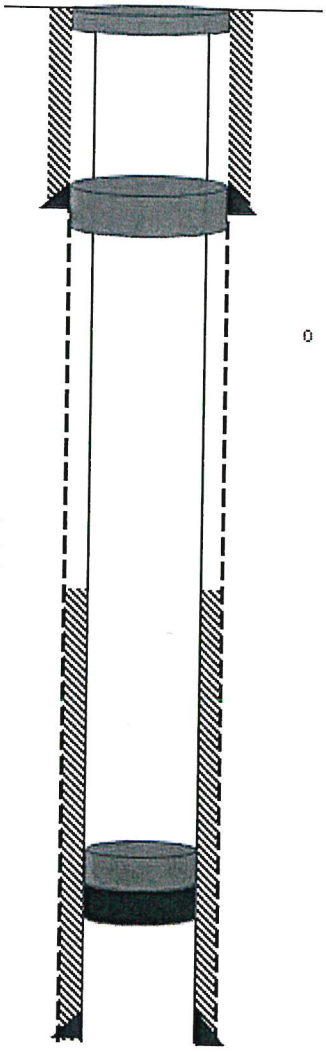
Forty Acres Energy

Well Name	JENKINS 3
County	Lea County, NM
Location	29-25S-37E
API	30-025-11834

10/2/2019

Surface Casing

OD	10.75"
WT	32#
Depth	298'
TOC	'
# sks	200
Hole	13.375"



0

Status: Plugged

Cum Oil: 0 Mbo

Plugging Profile

	Type	Depth	TOC
1	CIBP	2,810	
2	Cement	2,810	2,750
3	Cement	350	170
4	Cement	96	Surface
5	0	-	-

Cut Casing @ '

Objective

Perforations

Pl Top		Pl Bot
3,092	-	3,102
3,070	-	3,086
-	-	-
-	-	-

Production Casing

OD	7"
WT	23#
Depth	3417'
TOC	'
# sks	400
Hole	8.625"

PBTD	'
TD	3417'

Step	Procedure
1	
2	
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Geologist's Notes

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VI. Exhibit C4

CROSBY A #1

API# 30-025-11836
1980 FEL 660 FSL,
Sec 29, T25S, R37E Lea Co., NM

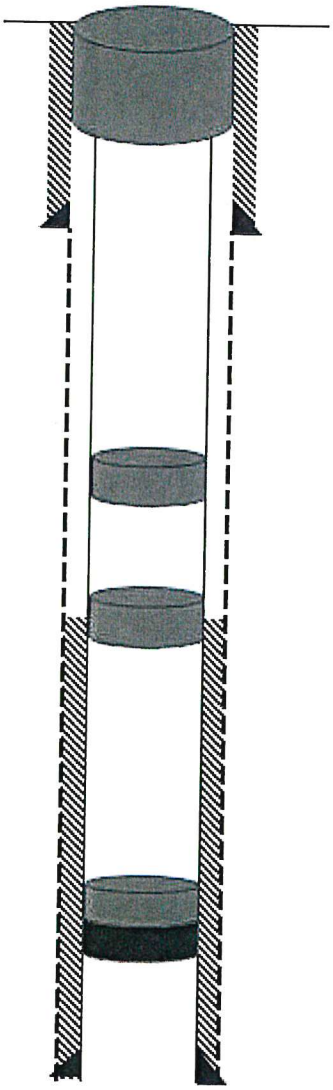
Forty Acres Energy

Well Name	RUBY S CROSBY-FED A 1
County	Lea County, NM
Location	29-25S-37E
API	30-025-11836

10/4/2013

Surface Casing

OD	13.375"
WT	48#
Depth	940'
TOC	'
# sks	80
Hole	"



Status: Plugged

Cum Oil: 0 Mbo

Plugging Profile

	Type	Depth	TOC
1	CIBP	2,550	-
2	Cement	2,550	2,318
3	Cement	1,900	1,650
4	Cement	1,350	1,160
5	Cement	250	Surface

Cut Casing @ .

Objective

Perforations

PI Top		PI Bot
2,595	-	3,016
-	-	-
-	-	-
-	-	-

Production Casing

OD	10.75"
WT	40#
Depth	1302'
TOC	'
# sks	150
Hole	"

PBTD	'
TD	'

Step	Procedure
1	
2	
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Geologist's Notes

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VI. Exhibit C5

WINNINGHAM 6

API# 30-025-11845
653 FEL 598 FSL,
Sec 19, T25S, R37E Lea Co., NM

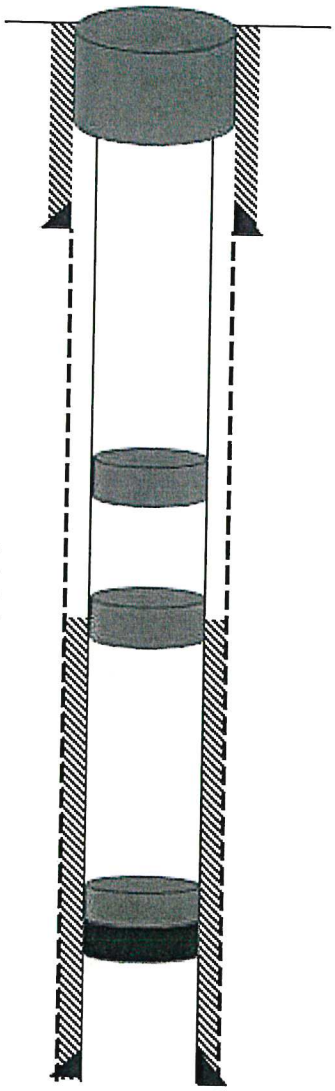
Forty Acres Energy

Well Name	RUBY S CROSBY-FED A 1
County	Lea County, NM
Location	23-25S-37E
API	30-025-11836

10/4/2019

Surface Casing

OD	13.375"
WT	48#
Depth	940'
TOC	'
# sks	60
Hole	"



Status: Plugged

Cum Oil: 0 Mbo

Plugging Profile

	Type	Depth	TOC
1	CIBP	2,550	-
2	Cement	2,550	2,318
3	Cement	1,900	1,650
4	Cement	1,350	1,160
5	Cement	250	Surface

Cut Casing @ .

Objective

Perforations

PI Top		PI Bot
2,595	-	3,016
-	-	-
-	-	-
-	-	-

Production Casing

OD	10.75"
WT	40#
Depth	1302'
TOC	'
# sks	150
Hole	"

PBTD	'
TD	'

Step	Procedure
1	
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Geologist's Notes

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*Input procedure on this page

VI. Exhibit C6

LEGAL #1

API# 30-025-11856
660 FEL 660 FSL,
Sec 31, T25S, R37E Lea Co., NM

Forty Acres Energy

Well Name	LEGAL 1
County	Lea County, NM
Location	31-25S-37E
API	30-025-11856

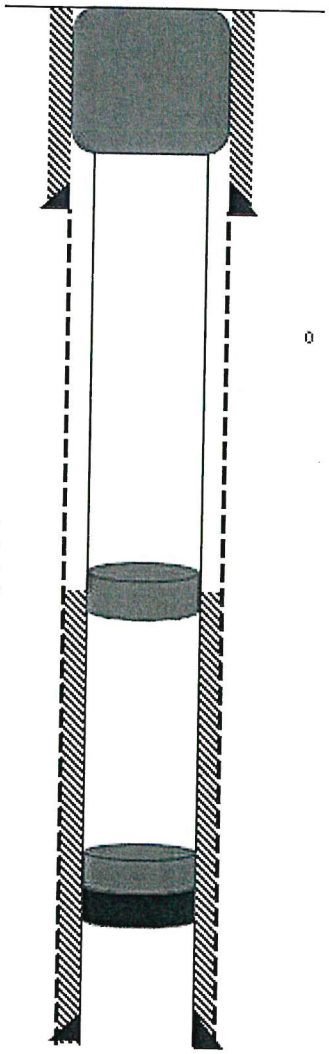
10/2/2019

Status: Plugged

Cum Oil: 0 Mbo

Surface Casing

OD	8.625"
WT	24#
Depth	298'
TOC	'
# sks	150
Hole	10.75"



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Perforations

PI Top		PI Bot
-	-	-
-	-	-
-	-	-
-	-	-

Production Casing

OD	5.5"
WT	15.5#
Depth	3133'
TOC	'
# sks	400
Hole	7.875"

PBTD	'
TD	3254'

Plugging Profile

	Type	Depth	TOC
1	CIBP	2,710	-
2	Cement	2,710	2,510
3	Cement	1,185	1,077
4	Cement	409	Surface
5	0	-	-

Cut Casing @ .

Objective

Step	Procedure
1	
2	
3	
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Geologist's Notes

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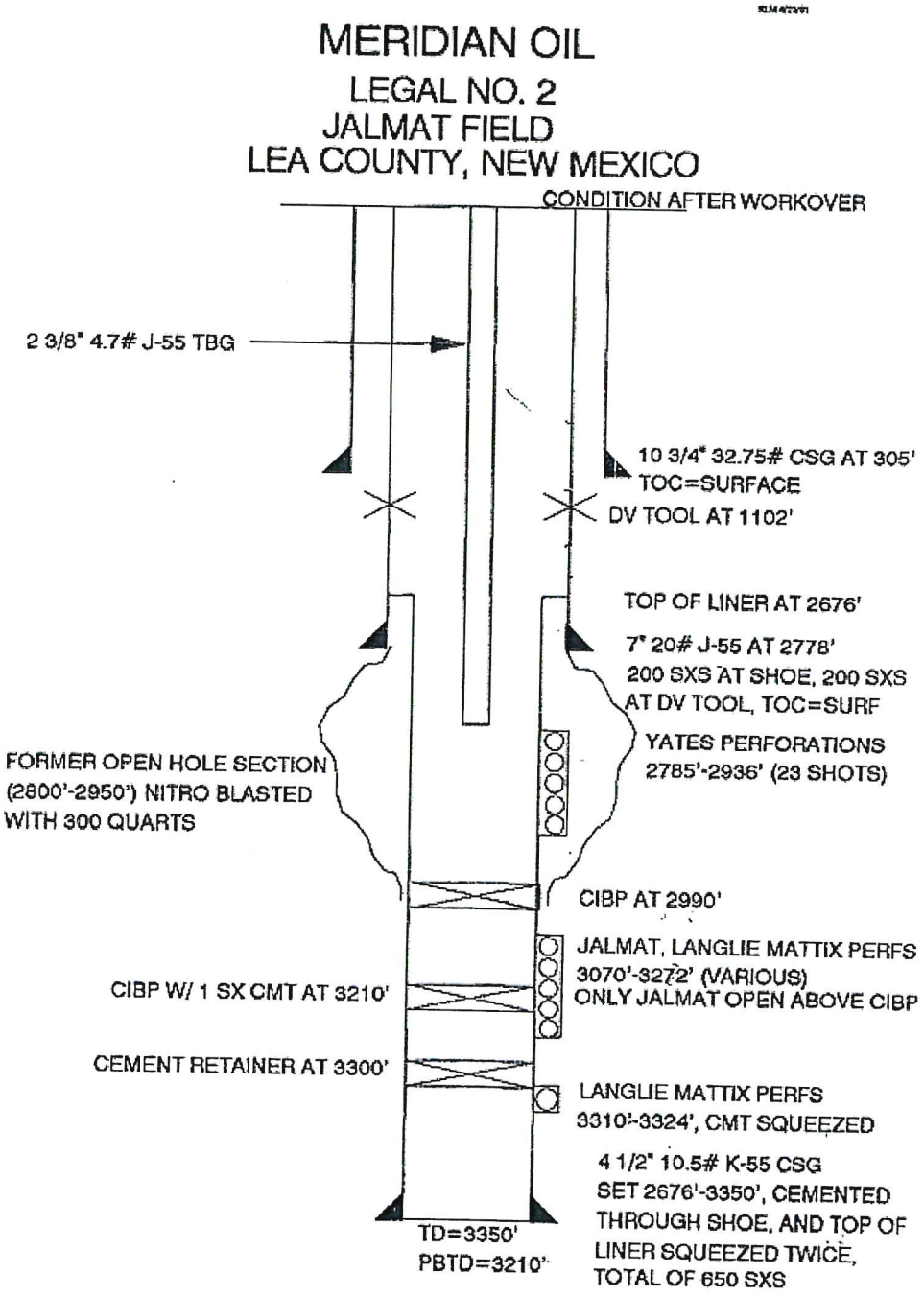
VI. Exhibit C7

M F LEGAL #2

API# 30-025-11857
660 FEL 1980 FSL,
Sec 31, T25S, R37E Lea Co., NM



VI. Exhibit C8

ARNOTT RAMSAY NCT B #2

API# 30-025-11862
660 FEL 1980 FNL,
Sec 32, T25S, R37E Lea Co., NM

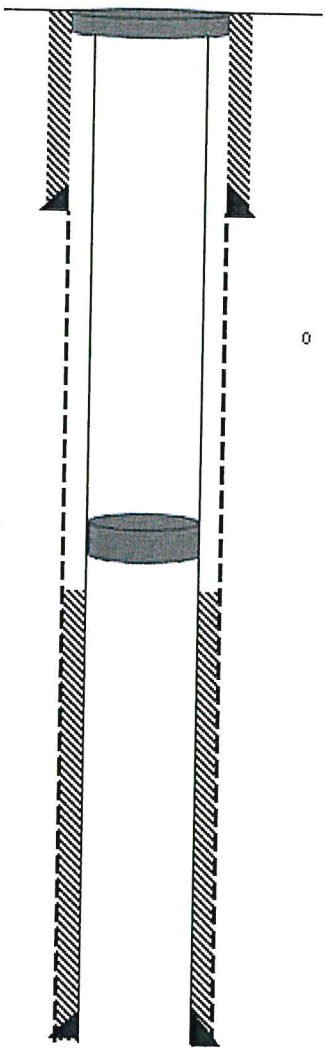
Forty Acres Energy

Well Name	ARNOTT RAMSAY B 2
County	Lea County, NM
Location	32-25S-37E
API	30-025-11862

10/2/2019

Surface Casing

OD	8.625"
WT	32.3#
Depth	305'
TOC	'
# sks	325
Hole	13.75"



0

Status: 0

Cum Oil: 0 Mbo

Plugging Profile

	Type	Depth	TOC
1	Cement	1,285	935
2	Cement	63	Surface
3	0	-	-
4	0	-	-
5	0	-	-

Cut Casing @ '

Objective

Perforations

PI Top		PI Bot
2,792	-	2,820
2,694	-	2,738
2,660	-	2,682
2,578	-	2,650

Production Casing

OD	7"
WT	20#
Depth	3137'
TOC	'
# sks	1025
Hole	8.75"

PBTD	'
TD	3225'

Step	Procedure
1	
2	
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Geologist's Notes

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VI. Exhibit C9

ARNOTT RAMSAY NCT-B #3

API# 30-025-11863
660 FEL 660 FNL,
Sec 32, T25S, R37E Lea Co., NM

Well Name: Arnott Ramsay NCT-B #3
Location: 660' FNL, 660' FEL Sec: 32 Township: 25S
County: Lea State: NM API: 30-025-11863

Lease Type: STATE
Range: 37E
Formation: JALMAT

KB:
DF:
GL: 2902'
Spud Date: 11/21/1961
Compl. Date: 12/14/1961

PROPOSED

Surface Csg
Size: 13-3/8"
Wt.&Thrd: 48#,
Grade: S-40
Set @: 484'
Sxs cmt: 600 sxs
Circ:
TOC: Surface
Hole Size: 13-3/8"

Intermediate Csg
Size: 8-5/8"
Wt.&Thrd: 32#
Grade: J-55
Set @: 3500'
Sxs cmt: 3388 sxs
Circ:
TOC: Surface
Hole Size: 11"

Production Csg
Size: 5-1/2"
Wt.&Thrd: 15.5#
Grade: K-55
Set @: 3678'
Sxs Cmt: 550 sxs
Circ:
TOC:
Hole Size: 7"

Production Csg
Size: 5-1/2"
Wt.&Thrd: 14#, 15.5#, 17#
Grade: N-80 & J-55
Set @: 4280'-8787'
Sxs Cmt: 800 sxs
Circ:
TOC:
Hole Size: 7-7/8"

CIBP @ 2,500' w/ 35' cmt on top

Perfs:
2564'-2811'

PBTD 3567'
TD 8797'

History - Highlights

10/26/54: Spud 17" hole.
12/16/55: Drill to TD @ 8797
2/12/57: Well put to production. Producing from 8544'-8715' & 8748'-8767'

9/28-10/7/54: Well P&A'd by Gulf Oil Corporation. 50 sxs cmt spotted from 8725'-8530', 25 sxs spotted to 4240', 25 sxs spotted to 3576'. Casing left in hole: 5-1/2" @ 4495', 8-5/8" @ 3583', 13-3/8" @ 477'

10/29/01: Doyle Harmon re-entered well
- Perf from 2900'-3091', sqz w/1500 sxs cmt
- Perf from 2560'-2811', sqz w/500 sxs cmt
- Perf from 2564'-2811' w/24 holes, acidize w/5200 gal 15% MCA, SWF/224,053 gal. & 450,000 lbs. sand. 1st production: 12/18/01

Tubulars - Capacities and Performance

	bbl/ft	cf/ft	Tensile (lbs)	Burst (psi)	Collapse (psi)	ID (in)	Drift (in)
2-3/8" 4.7# J-55 Tubing							
5-1/2" 14# K-55 Casing							
Annulus 2-3/8" - 5-1/2" 14#							

VI. Exhibit C10

EL PASO TOM FEDERAL #7

API# 30-025-11881
660 FEL 660 FSL,
Sec 33, T25S, R37E Lea Co., NM

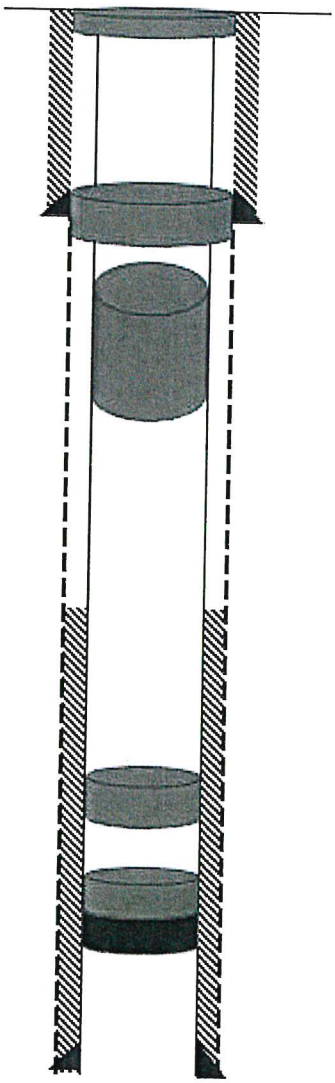
Forty Acres Energy

Well Name	GREGORY 2
County	Lea County, NM
Location	33-25S-37E
API	30-025-11881

10/3/2013

Surface Casing

OD	9.625"
WT	36#
Depth	293'
TOC	'
# sks	200
Hole	12.25"



Status: 0

Cum Oil: 0 Mbo

Plugging Profile

	Type	Depth	TOC
1	CIBP	2,920	-
2	Cement	2,920	2,740
3	Cement	2,457	2,300
4	Cement	1,250	770
5	Cement	410	283
6	Cement	63	Surface

Cut Casing @ .

Objective

Perforations

PI Top		PI Bot
2,390	-	-
345	-	-
63	-	-
-	-	-

Production Casing

OD	7"
WT	20#
Depth	3154'
TOC	'
# sks	300
Hole	8.75"

PBTD	'
TD	3214'

Step	Procedure
1	
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Geologist's Notes

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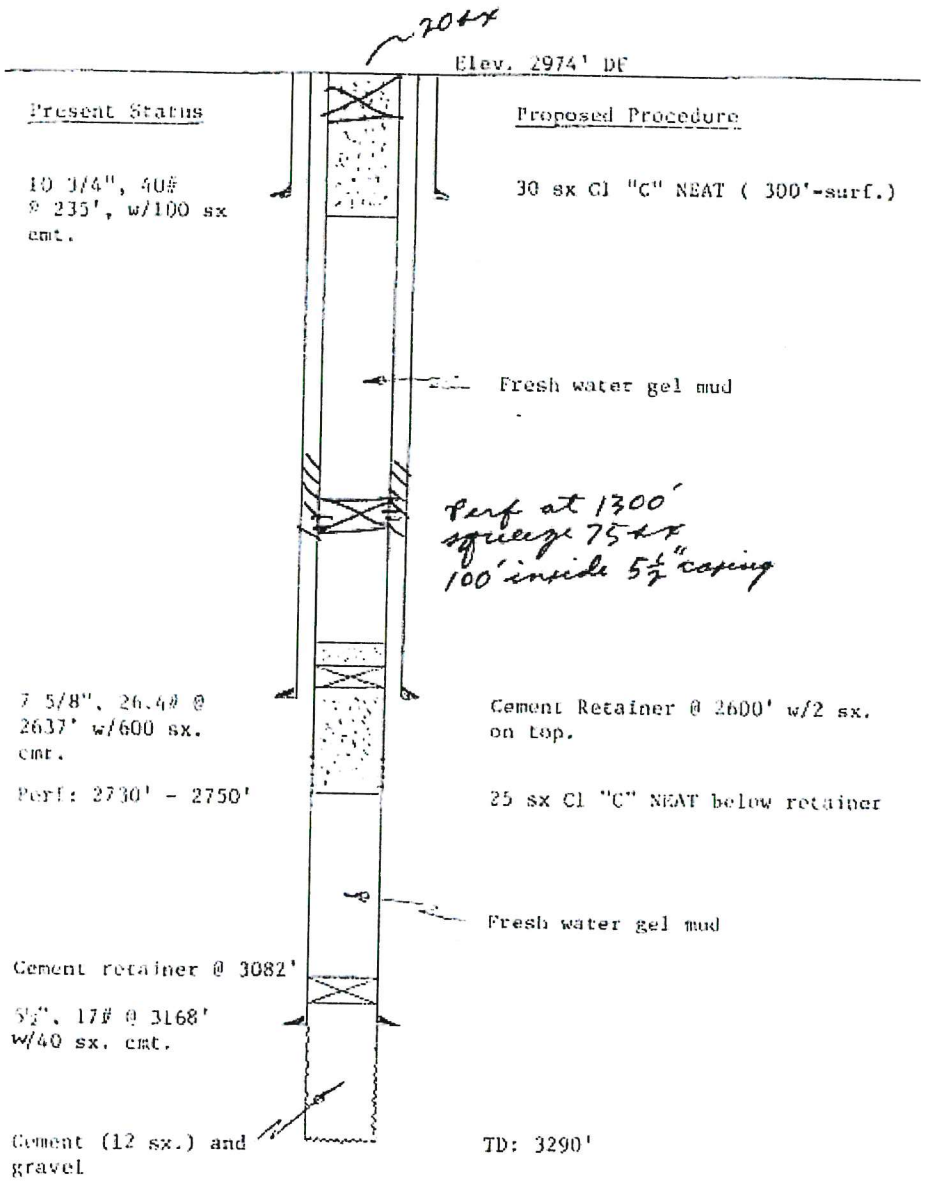
VI. Exhibit C11

SHEPARD-FEDERAL B 3

API# 30-025-11955
660 FNL 990 FEL,
Sec 5, T26S, R37E Lea Co., NM

Sheperd "B" No. 3
Lea County, New Mexico
Proposed P & A Procedure



VI. Exhibit C12

ARNOTT RAMSAY NCT-B #5

API# 30-025-26105
1650 FEL 330 FSL,
Sec 32, T25S, R37E Lea Co., NM

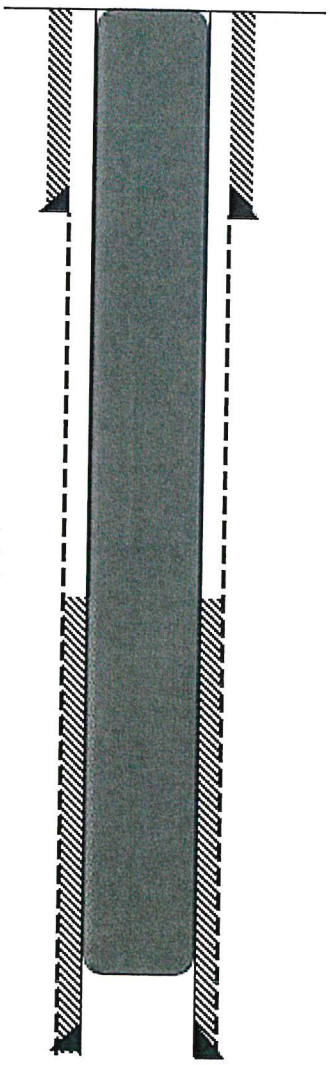
Forty Acres Energy

Well Name	ARNOTT-RAMSEY NCT-B
County	Lea County, NM
Location	32-25S-37E
API	30-025-26105

10/4/2013

Surface Casing

OD	8.625"
WT	24#
Depth	350'
TOC	Surface'
# sks	200
Hole	11"



Status: 0

Cum Oil: 0 Mbo

Plugging Profile

	Type	Depth	TOC
1	Cement	2,945	Surface
2	0	-	-
3	0	-	-
4	0	-	-
5	0	-	-

Cut Casing @ '

Objective

Perforations

Pl Top		Pl Bot
3,278	-	3,281
3,298	-	3,301
3,323	-	3,323
3,358	-	3,361

Production Casing

OD	4.5"
WT	9.5#
Depth	3498'
TOC	940'
# sks	925
Hole	7.875"

PBTD	'
TD	3500'

Step	Procedure
1	
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Geologist's Notes

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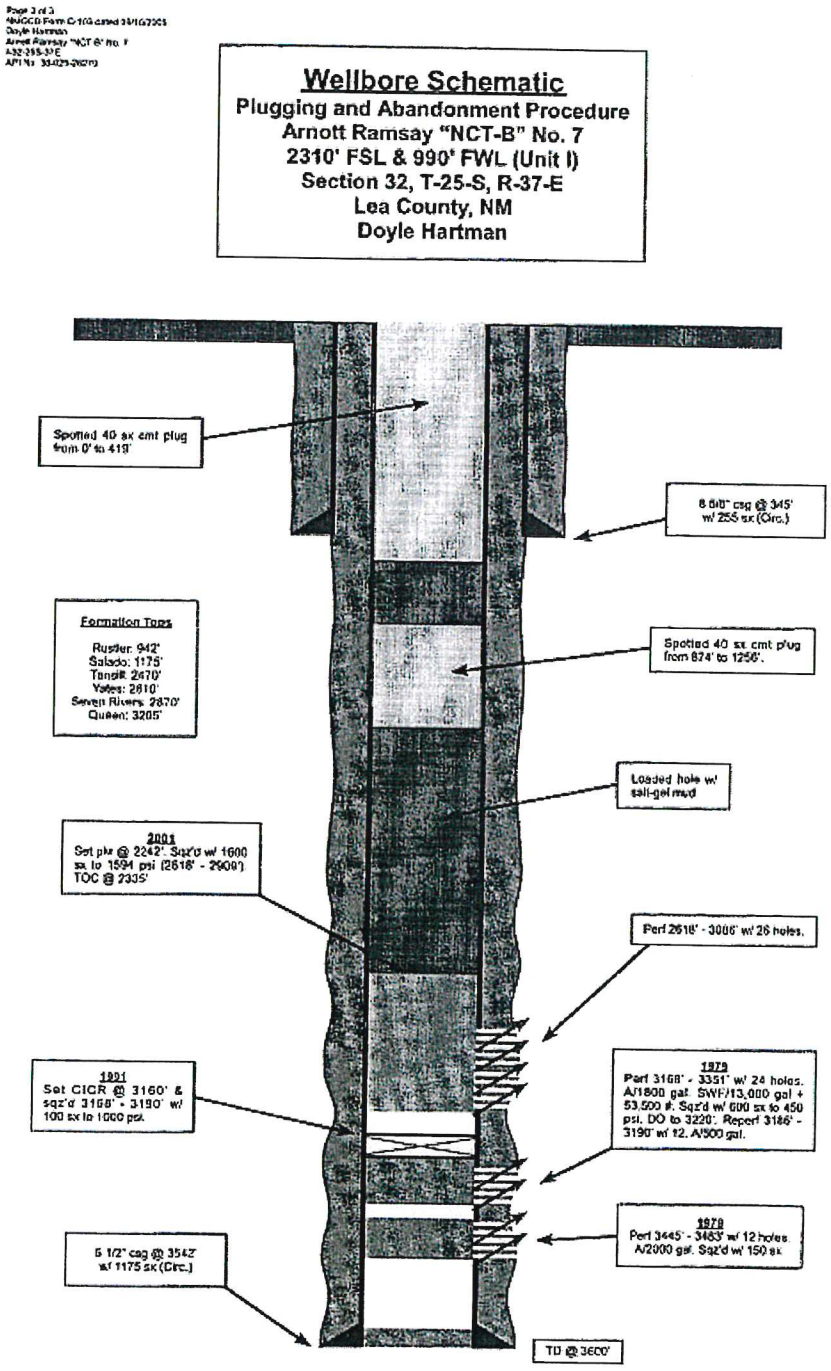
VI. Exhibit C13

ARNOTT RAMSAY NCT-B #7

API# 30-025-26279
990 FEL 2130 FSL,
Sec 32, T25S, R37E Lea Co., NM



VI. Exhibit C14

RHODES FEDERAL UNIT #52

API# 30-025-28114
660 FEL 660 FNL,
Sec 5, T26S, R37E Lea Co., NM

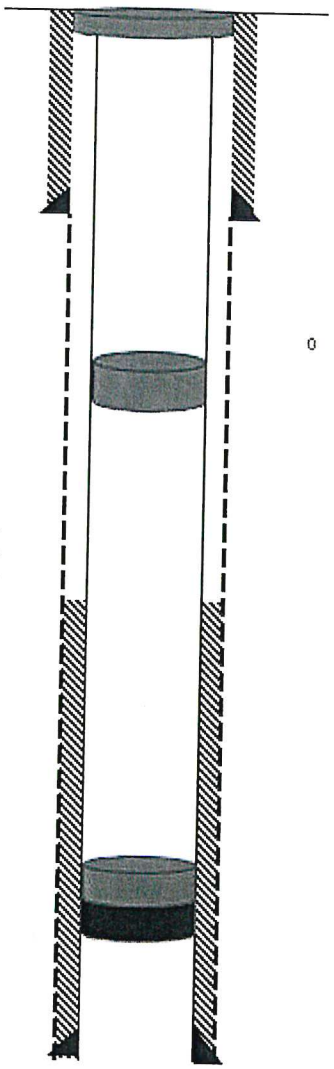
Forty Acres Energy

Well Name	SHEPRD C W `B` FDRL 7
County	Lea County, NM
Location	5-26S-37E
API	30-025-28114

10/2/2013

Surface Casing

OD	8.625"
WT	24#
Depth	1000'
TOC	'
# sks	750
Hole	12.25"



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Status: 0

Cum Oil: 0 Mbo

Plugging Profile

	Type	Depth	TOC
1	CIBP	2,700	-
2	Cement	2,700	2,620
3	Cement	1,100	300
4	Cement	63	3
5	0	-	-

Cut Casing @ '

Objective

Perforations

Pl Top		Pl Bot
3,277	-	-
3,288	-	-
3,306	-	-
3,312	-	-

Production Casing

OD	5.5"
WT	15.5#
Depth	3607'
TOC	'
# sks	1025
Hole	7.875"

PBTD	'
TD	3607'

Step	Procedure
1	
2	
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Geologist's Notes

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VII. Proposed Injection Operation

1. Average injection rate target will be ~350 bpd. Maximum injection rate will be 800 bpd. These numbers are based off of typical injection rates in nearby Yates-Seven Rivers-Queen water floods.

2. The system will be a closed system. The injection well will not be made available for commercial disposal purposes.

3. Average injection pressure will be ~600 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 3,100' (or 620 psi maximum injection pressure). Pending results of a step rate test, the maximum injection pressure could potentially be increased to a factor of 0.6 psi/ft (or 1,860 psi at 3,100').

4. The water source will be produced water from a nearby wells and water transfer lines.

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

VIII. Geologic Data

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

Formation Tops Are:

Formation	Offset Top (ARNOTT RAMSAY NCT-B #11) 30-025-26963	Contents
Alluvium	GL	Fresh Water
Rustler	927	Anhydrite
Salado (top of salt)	1050	Salt
Tansil (base of salt)	2590	Gas, Oil, & Water
Yates	2740	Gas, Oil, & Water
Seven Rivers	2996	Gas, Oil, & Water
SR Injection Interval	*3100-3300*	*Gas, Oil, & Water*
Queen	4100	*Gas, Oil, & Water*
Total Depth	3950	

IX. Proposed Stimulation Program

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

X. **Logging and Test Data for Wells**

The ARNOTT RAMSAY NCT-B #11 will be converted from a producer to an injector. The well logs for this well have been submitted to the NMOCD previously.

Test Data for the above mentioned well is as follows:
Date: 1-20-1982
Perf Interval: 3270-81' w/16 holes (an interval between 3354-62' was cement squeezed)
Method: 1200 gals 15% slick NEFE HCL, (8) 7/8" RCNB's, 10500 gals 70 qual foam, & 12000# 20/40 sand.
Result: 24 hour test, 25 bbls oil, 24 bbls water, & 64 mcf gas on 36/64" choke.

Date: 9-9-1999
Perf Interval: 2743-3050' w/25 holes (lower perfs were cement squeezed)
Method: Acidize perfs with 7668 gal 15% MCA acid and 44 ball sealers.
Result: 190 MCFPD and 3 BOPD

The other 6 wells will be new drill injector wells.

XI. Chemical Analysis of Fresh Water Wells

According to records from the Office of the State Engineer (Exhibit D1-7a & D1-7b) there are between 7 and 14 active water wells within the 1 mile radius around the proposed ARNOTT RAMSAY NCT-B #11, #14, #15, #16, #17, #18, and #19. The ARNOTT RAMSAY NCT-B #14, #16, #17, and #19 have active water wells within a ½ mile radius.

FAE II Operating, LLC has obtained water analyses on 3 fresh water wells between 0.4 and 1.3 miles from the proposed injectors. The three water wells are the CP-01304, CP-01306, and CP-01308. The CP-01304, is 0.7 miles away from the AR NCT-B #11, 1 mile away from the AR NCT-B #14, 0.8 miles away from the AR NCT-B #15, 1 mile away from the AR NCT-B #16, 0.9 miles away from the AR NCT-B #17, is 1.1 miles away from the AR NCT-B #18, 1.2 miles away from the AR NCT-B #19, 459' (md) deep, with water found at 285' (md), and is considered an "artesian" water from the Dockum Aquifer. The second well, the CP-01306, is 0.8 miles away from the AR NCT-B #11, is 0.4 miles away from the AR NCT-B #14, is 0.6 miles away from the AR NCT-B #15, is 0.8 miles away from the AR NCT-B #16, is 1.0 mile away from the AR NCT-B #17, is 0.5 miles away from the AR NCT-B #18, is 1.1 miles away from the AR NCT-B #19, 458' (md) deep, with water found at 110' (md), and is considered an "artesian" water from the Dockum Aquifer. The third well, the CP-01308, is 0.8 miles away from the AR NCT-B #11, is 0.5 miles away from the AR NCT-B #14, is 0.7 miles away from the AR NCT-B #15, is 0.9 miles away from the AR NCT-B #16, is 1.1 mile away from the AR NCT-B #17, is 0.8 miles away from the AR NCT-B #18, is 1.3 miles away from the AR NCT-B #19, 420' (md) deep, with water found at 210' (md), and is considered an "artesian" water from the Dockum Aquifer. See **Exhibits E1, E2, and E3**.

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, FULFER OIL & CATTLE COMPANY LLC, and LANEXCO INCORPORATED are the offset operators.

Well: ARNOTT RAMSAY NCT-B #11
Location: Twn 25S Rge 37E Sec 32
Footages: ~*990 FWL 1650 FSL* ~
County: Lea

XI. Exhibit D1a

Location For Office of the State Engineer:
NAD 1983 UTM Zone 13
Easting (X): 670858.442 mtrs
Northing (Y): 3551170.032 mtrs

Water Wells Within 1 Mile Radius
** 10 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 00900 POD1		CP	LE	4	3	4	32	25S	37E	671613	3550794*	843	101		
CP 00901 POD1		CP	LE	4	3	4	32	25S	37E	671613	3550794*	843	96		
CP 00902 POD1		CP	LE	4	3	4	32	25S	37E	671613	3550794*	843	95		
CP 00903 POD1		CP	LE	4	3	4	32	25S	37E	671613	3550794*	843	95		
CP 00904 POD1		CP	LE	4	3	4	32	25S	37E	671613	3550794*	843	97		
CP 00905 POD1		CP	LE	4	3	4	32	25S	37E	671613	3550794*	843	100		
CP 00906 POD1		CP	LE	4	3	4	32	25S	37E	671613	3550794*	843	102		
CP 01304 POD1		CP	LE	4	3	4	31	25S	37E	669863	3550797	1062	459	285	174
CP 01306 POD1		CP	LE	1	3	3	29	25S	37E	670622	3552502	1352	458	110	348
CP 01308 POD1		CP	LE	3	4	4	30	25S	37E	670086	3552295	1364	420	210	210

Average Depth to Water: **201 feet**
Minimum Depth: **110 feet**
Maximum Depth: **285 feet**

Record Count: 10

UTMNAD83 Radius Search (in meters):

Easting (X): 670858.442 **Northing (Y):** 3551170 **Radius:** 1609.3

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

Well: ARNOTT RAMSAY NCT-B #11
Location: Twn 25S Rge 37E Sec 32
Footages: ~*990 FWL 1650 FSL*~
County: Lea

XI. Exhibit D1b

Location For Office of the State Engineer:
NAD 1983 UTM Zone 13
Easting (X): 670858.442 mtrs
Northing (Y): 3551170.032 mtrs

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 00900 POD1		CP	LE	4	3	4	32	25S	37E	671613	3550794*	843	101		
CP 00901 POD1		CP	LE	4	3	4	32	25S	37E	671613	3550794*	843	96		
CP 00902 POD1		CP	LE	4	3	4	32	25S	37E	671613	3550794*	843	95		
CP 00903 POD1		CP	LE	4	3	4	32	25S	37E	671613	3550794*	843	95		
CP 00904 POD1		CP	LE	4	3	4	32	25S	37E	671613	3550794*	843	97		
CP 00905 POD1		CP	LE	4	3	4	32	25S	37E	671613	3550794*	843	100		
CP 00906 POD1		CP	LE	4	3	4	32	25S	37E	671613	3550794*	843	102		
CP 01304 POD1		CP	LE	4	3	4	31	25S	37E	669863	3550797	1062	459	285	174
CP 01306 POD1		CP	LE	1	3	3	29	25S	37E	670622	3552502	1352	458	110	348
CP 01308 POD1		CP	LE	3	4	4	30	25S	37E	670086	3552295	1364	420	210	210

Water Analysis Available

0.7 Miles away
0.8 Miles away
0.8 Miles away

Average Depth to Water: **201 feet**
Minimum Depth: **110 feet**
Maximum Depth: **285 feet**

Record Count: 10

UTMNAD83 Radius Search (in meters):

Easting (X): 670858.442 Northing (Y): 3551170 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.

1/28/20 9:16 PM

WATER COLUMN/AVERAGE DEPTH TO WATER

Well: ARNOTT RAMSAY NCT-B #14
Location: Twn 25S Rge 37E Sec 32
Footages: ~*1060 FNL 1160 FWL* ~
County: Lea

XI. Exhibit D2a

Location For Office of the State Engineer:
NAD 1983 UTM Zone 13
Easting (X): 670890.376 mtrs
Northing (Y): 3551950.192 mtrs

Water Wells Within 1 Mile Radius
** 14 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 01306 POD1		CP	LE	1	3	3	29	25S	37E	670622	3552502	613	458	110	348
CP 01303 POD1		CP	LE	3	4	4	30	25S	37E	670086	3552295	875	420	210	210
CP 01256 POD4		CP	LE	3	2	3	29	25S	37E	670994	3552889	944	440	210	230
CP 01236 POD3		CP	LE	4	1	3	29	25S	37E	670707	3552893	961	450	190	260
CP 00900 POD1		CP	LE	4	3	4	32	25S	37E	671613	3550794*	1363	101		
CP 00901 POD1		CP	LE	4	3	4	32	25S	37E	671613	3550794*	1363	96		
CP 00902 POD1		CP	LE	4	3	4	32	25S	37E	671613	3550794*	1363	95		
CP 00903 POD1		CP	LE	4	3	4	32	25S	37E	671613	3550794*	1363	95		
CP 00904 POD1		CP	LE	4	3	4	32	25S	37E	671613	3550794*	1363	97		
CP 00905 POD1		CP	LE	4	3	4	32	25S	37E	671613	3550794*	1363	100		
CP 00906 POD1		CP	LE	4	3	4	32	25S	37E	671613	3550794*	1363	102		
CP 00387		CP	LE		3	2	29	25S	37E	671472	3553308*	1477	422	210	212
CP 01304 POD1		CP	LE	4	3	4	31	25S	37E	669863	3550797	1544	459	285	174
CP 00774		CP	LE			1	29	25S	37E	670869	3553495*	1544	100	60	40

Average Depth to Water: **182 feet**
Minimum Depth: **60 feet**
Maximum Depth: **285 feet**

Record Count: 14

UTMNAD83 Radius Search (in meters):

Easting (X): 670890.376 Northing (Y): 3551950.192 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.

1/29/20 11:10 AM

WATER COLUMN/ AVERAGE DEPTH TO WATER

Well: ARNOTT RAMSAY NCT-B #14
Location: Twn 25S Rge 37E Sec 32
Footages: ~*1060 FNL 1160 FWL*~
County: Lea

XI. Exhibit D2b

Location For Office of the State Engineer:
NAD 1983 UTM Zone 13
Easting (X): 670890.376 mtrs
Northing (Y): 3551950.192 mtrs

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
0.4 Miles away	CP 01306 POD1		CP	LE	1	3	3	29	25S	37E	670622	3552502	613	458	110	348
0.5 Miles away	CP 01308 POD1		CP	LE	3	4	4	30	25S	37E	670086	3552295	875	420	210	210
	CP 01256 POD4		CP	LE	3	2	3	29	25S	37E	670994	3552889	944	440	210	230
	CP 01256 POD3		CP	LE	4	1	3	29	25S	37E	670707	3552893	961	450	190	260
	CP 00900 POD1		CP	LE	4	3	4	32	25S	37E	671613	3550794*	1363	101		
Water Analysis Available	CP 00901 POD1		CP	LE	4	3	4	32	25S	37E	671613	3550794*	1363	96		
	CP 00902 POD1		CP	LE	4	3	4	32	25S	37E	671613	3550794*	1363	95		
	CP 00903 POD1		CP	LE	4	3	4	32	25S	37E	671613	3550794*	1363	95		
	CP 00904 POD1		CP	LE	4	3	4	32	25S	37E	671613	3550794*	1363	97		
	CP 00905 POD1		CP	LE	4	3	4	32	25S	37E	671613	3550794*	1363	100		
	CP 00906 POD1		CP	LE	4	3	4	32	25S	37E	671613	3550794*	1363	102		
	CP 00387		CP	LE		3	2	29	25S	37E	671472	3553308*	1477	422	210	212
1.0 Miles away	CP 01304 POD1		CP	LE	4	3	4	31	25S	37E	669863	3550797	1544	459	285	174
	CP 00774		CP	LE			1	29	25S	37E	670869	3553495*	1544	100	60	40

Average Depth to Water: **182 feet**
Minimum Depth: **60 feet**
Maximum Depth: **285 feet**

Record Count: 14

UTMNAD83 Radius Search (in meters):

Easting (X): 670890.376 **Northing (Y):** 3551950.192 **Radius:** 1609.3

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

1/29/20 11:10 AM

WATER COLUMN/ AVERAGE DEPTH TO WATER

Well: ARNOTT RAMSAY NCT-B #15
Location: Twn 25S Rge 37E Sec 32
Footages: ~*2455 FNL 1195 FWL* ~
County: Lea

XI. Exhibit D3a

Location For Office of the State Engineer:
NAD 1983 UTM Zone 13
Easting (X): 670911.274 mtrs
Northing (Y): 3551526.685 mtrs

Water Wells Within 1 Mile Radius
** 12ACTIVE **

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 00900 POD1		CP	LE	4	3	4	32	25S	37E	671613	3550794*	1014	101		
CP 00901 POD1		CP	LE	4	3	4	32	25S	37E	671613	3550794*	1014	96		
CP 00902 POD1		CP	LE	4	3	4	32	25S	37E	671613	3550794*	1014	95		
CP 00903 POD1		CP	LE	4	3	4	32	25S	37E	671613	3550794*	1014	95		
CP 00904 POD1		CP	LE	4	3	4	32	25S	37E	671613	3550794*	1014	97		
CP 00905 POD1		CP	LE	4	3	4	32	25S	37E	671613	3550794*	1014	100		
CP 00906 POD1		CP	LE	4	3	4	32	25S	37E	671613	3550794*	1014	102		
CP 01306 POD1		CP	LE	1	3	3	29	25S	37E	670622	3552502	1017	458	110	348
CP 01308 POD1		CP	LE	3	4	4	30	25S	37E	670086	3552295	1127	420	210	210
CP 01304 POD1		CP	LE	4	3	4	31	25S	37E	669863	3550797	1277	459	285	174
CP 01256 POD4		CP	LE	3	2	3	29	25S	37E	670994	3552889	1365	440	210	230
CP 01256 POD3		CP	LE	4	1	3	29	25S	37E	670707	3552893	1382	450	190	260

Average Depth to Water: **201 feet**
Minimum Depth: **110 feet**
Maximum Depth: **285 feet**

Record Count: 12

UTMNAD83 Radius Search (in meters):

Easting (X): 670911.274 **Northing (Y):** 3551526.685 **Radius:** 1609.3

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

Well: ARNOTT RAMSAY NCT-B #15
Location: Twn 25S Rge 37E Sec 32
Footages: ~*2455 FNL 1195 FWL*~
County: Lea

XI. Exhibit D3b

Location For Office of the State Engineer:
NAD 1983 UTM Zone 13
Easting (X): 670911.274 mtrs
Northing (Y): 3551526.685 mtrs

Water Analysis Available

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 00900 POD1		CP	LE	4	3	4	32	25S	37E	671613	3550794*	1014	101		
CP 00901 POD1		CP	LE	4	3	4	32	25S	37E	671613	3550794*	1014	96		
CP 00902 POD1		CP	LE	4	3	4	32	25S	37E	671613	3550794*	1014	95		
CP 00903 POD1		CP	LE	4	3	4	32	25S	37E	671613	3550794*	1014	95		
CP 00904 POD1		CP	LE	4	3	4	32	25S	37E	671613	3550794*	1014	97		
CP 00905 POD1		CP	LE	4	3	4	32	25S	37E	671613	3550794*	1014	100		
CP 00906 POD1		CP	LE	4	3	4	32	25S	37E	671613	3550794*	1014	102		
CP 01306 POD1		CP	LE	1	3	3	29	25S	37E	670622	3552502	1017	458	110	348
CP 01308 POD1		CP	LE	3	4	4	30	25S	37E	670086	3552295	1127	420	210	210
CP 01304 POD1		CP	LE	4	3	4	31	25S	37E	669863	3550797	1277	459	285	174
CP 01256 POD4		CP	LE	3	2	3	29	25S	37E	670994	3552889	1365	440	210	230
CP 01256 POD3		CP	LE	4	1	3	29	25S	37E	670707	3552893	1382	450	190	260

0.6 Miles away
0.7 Miles away
0.8 Miles away

Average Depth to Water: 201 feet
Minimum Depth: 110 feet
Maximum Depth: 285 feet

Record Count: 12

UTMNAD83 Radius Search (in meters):

Easting (X): 670911.274 **Northing (Y):** 3551526.685 **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.

1/29/20 11:20 AM

WATER COLUMN/AVERAGE DEPTH TO WATER

Well: ARNOTT RAMSAY NCT-B #16
Location: Twn 25S Rge 37E Sec 32
Footages: ~*2625 FNL 2630 FEL* ~
County: Lea

XI. Exhibit D4a

Location For Office of the State Engineer:
NAD 1983 UTM Zone 13
Easting (X): 671355.927 mtrs
Northing (Y): 3551483.815 mtrs

Water Wells Within 1 Mile Radius
** 11 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 00900 POD1		CP	LE	4	3	4	32	25S	37E	671613	3550794*	736	101		
CP 00901 POD1		CP	LE	4	3	4	32	25S	37E	671613	3550794*	736	96		
CP 00902 POD1		CP	LE	4	3	4	32	25S	37E	671613	3550794*	736	95		
CP 00903 POD1		CP	LE	4	3	4	32	25S	37E	671613	3550794*	736	95		
CP 00904 POD1		CP	LE	4	3	4	32	25S	37E	671613	3550794*	736	97		
CP 00905 POD1		CP	LE	4	3	4	32	25S	37E	671613	3550794*	736	100		
CP 00906 POD1		CP	LE	4	3	4	32	25S	37E	671613	3550794*	736	102		
CP 01306 POD1		CP	LE	1	3	3	29	25S	37E	670622	3552502	1255	458	110	348
CP 01256 POD4		CP	LE	3	2	3	29	25S	37E	670994	3552889	1451	440	210	230
CP 01308 POD1		CP	LE	3	4	4	30	25S	37E	670086	3552295	1506	420	210	210
CP 01256 POD3		CP	LE	4	1	3	29	25S	37E	670707	3552893	1552	450	190	260

Average Depth to Water: **180 feet**
Minimum Depth: **110 feet**
Maximum Depth: **210 feet**

Record Count: 11

UTMNAD83 Radius Search (in meters):

Easting (X): 671355.927 **Northing (Y):** 3551483.815 **Radius:** 1609.3

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

Well: ARNOTT RAMSAY NCT-B #16
Location: Twn 25S Rge 37E Sec 32
Footages: ~*2625 FNL 2630 FEL*~
County: Lea

XI. Exhibit D4b

Location For Office of the State Engineer:
NAD 1983 UTM Zone 13
Easting (X): 671355.927 mtrs
Northing (Y): 3551483.815 mtrs

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
Water Analysis Available	CP 00900 POD1		CP	LE	4	3	4	32	25S	37E	671613	3550794*	736	101		
	CP 00901 POD1		CP	LE	4	3	4	32	25S	37E	671613	3550794*	736	96		
	CP 00902 POD1		CP	LE	4	3	4	32	25S	37E	671613	3550794*	736	95		
	CP 00903 POD1		CP	LE	4	3	4	32	25S	37E	671613	3550794*	736	95		
	CP 00904 POD1		CP	LE	4	3	4	32	25S	37E	671613	3550794*	736	97		
	CP 00905 POD1		CP	LE	4	3	4	32	25S	37E	671613	3550794*	736	100		
	CP 00906 POD1		CP	LE	4	3	4	32	25S	37E	671613	3550794*	736	102		
0.8 Miles away	CP 01306 POD1		CP	LE	1	3	3	29	25S	37E	670622	3552502	1255	458	110	348
	CP 01256 POD4		CP	LE	3	2	3	29	25S	37E	670994	3552889	1451	440	210	230
0.9 Miles away	CP 01308 POD1		CP	LE	3	4	4	30	25S	37E	670086	3552295	1506	420	210	210
	CP 01256 POD3		CP	LE	4	1	3	29	25S	37E	670707	3552893	1552	450	190	260
1.0 Miles away	CP 01304 POD1		CP	LE	4	3	4	31	25S	37E	669863	3550797	1643	459	285	174

Average Depth to Water: **201 feet**
Minimum Depth: **110 feet**
Maximum Depth: **285 feet**

Record Count: 12

UTMNAD83 Radius Search (in meters):

Easting (X): 671355.927 **Northing (Y):** 3551483.815 **Radius:** 1650

***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.

1/29/20 11:37 AM

Well: ARNOTT RAMSAY NCT-B #17
Location: Twn 25S Rge 37E Sec 32
Footages: ~*1350 FSL 2635 FEL* ~
County: Lea

XI. Exhibit D5a

Location For Office of the State Engineer:
NAD 1983 UTM Zone 13
Easting (X): 671362.044 mtrs
Northing (Y): 3551086.897 mtrs

Water Wells Within 1 Mile Radius
** 9 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 00900 POD1		CP	LE	4	3	4	32	25S	37E	671613	3550794*	385	101		
CP 00901 POD1		CP	LE	4	3	4	32	25S	37E	671613	3550794*	385	96		
CP 00902 POD1		CP	LE	4	3	4	32	25S	37E	671613	3550794*	385	95		
CP 00903 POD1		CP	LE	4	3	4	32	25S	37E	671613	3550794*	385	95		
CP 00904 POD1		CP	LE	4	3	4	32	25S	37E	671613	3550794*	385	97		
CP 00905 POD1		CP	LE	4	3	4	32	25S	37E	671613	3550794*	385	100		
CP 00906 POD1		CP	LE	4	3	4	32	25S	37E	671613	3550794*	385	102		
CP 01304 POD1		CP	LE	4	3	4	31	25S	37E	669863	3550797	1526	459	285	174
CP 01306 POD1		CP	LE	1	3	3	29	25S	37E	670622	3552502	1596	458	110	348

Average Depth to Water: **197 feet**
Minimum Depth: **110 feet**
Maximum Depth: **285 feet**

Record Count: 9

UTMNAD83 Radius Search (in meters):

Easting (X): 671362 **Northing (Y):** 3551086.897 **Radius:** 1609.3

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

Well: ARNOTT RAMSAY NCT-B #17
Location: Twn 25S Rge 37E Sec 32
Footages: ~*1350 FSL 2635 FEL*~
County: Lea

XI. Exhibit D5b

Location For Office of the State Engineer:
NAD 1983 UTM Zone 13
Easting (X): 671362.044 mtrs
Northing (Y): 3551086.897 mtrs

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)

Water Analysis Available

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 00900 POD1		CP	LE	4	3	4	32	25S	37E	671613	3550794*	385	101		
CP 00901 POD1		CP	LE	4	3	4	32	25S	37E	671613	3550794*	385	96		
CP 00902 POD1		CP	LE	4	3	4	32	25S	37E	671613	3550794*	385	95		
CP 00903 POD1		CP	LE	4	3	4	32	25S	37E	671613	3550794*	385	95		
CP 00904 POD1		CP	LE	4	3	4	32	25S	37E	671613	3550794*	385	97		
CP 00905 POD1		CP	LE	4	3	4	32	25S	37E	671613	3550794*	385	100		
CP 00906 POD1		CP	LE	4	3	4	32	25S	37E	671613	3550794*	385	102		
0.9 Miles away CP 01304 POD1		CP	LE	4	3	4	31	25S	37E	669863	3550797	1526	459	285	174
1.0 Miles away CP 01306 POD1		CP	LE	1	3	3	29	25S	37E	670622	3552502	1596	458	110	348
1.1 Miles away CP 01308 POD1		CP	LE	3	4	4	30	25S	37E	670086	3552295	1757	420	210	210

Average Depth to Water: **201 feet**
Minimum Depth: **110 feet**
Maximum Depth: **285 feet**

Record Count: 10

UTMNAD83 Radius Search (in meters):

Easting (X): 671362 **Northing (Y):** 3551086.897 **Radius:** 1800

***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.

1/29/20 12:24 PM

WATER COLUMN/ AVERAGE DEPTH TO WATER

Well: ARNOTT RAMSAY NCT-B #18
Location: Twn 25S Rge 37E Sec 32
Footages: ~*1115 FNL 2495 FWL* ~
County: Lea

XI. Exhibit D6a

Location For Office of the State Engineer:
NAD 1983 UTM Zone 13
Easting (X): 671299.300 mtrs
Northing (Y): 3551942.430 mtrs

Water Wells Within 1 Mile Radius
** 12 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 01306 POD1		CP	LE	1	3	3	29	25S	37E	670622	3552502	878	458	110	348
CP 01256 POD4		CP	LE	3	2	3	29	25S	37E	670994	3552889	995	440	210	230
CP 01256 POD3		CP	LE	4	1	3	29	25S	37E	670707	3552893	1120	450	190	260
CP 00900 POD1		CP	LE	4	3	4	32	25S	37E	671613	3550794*	1190	101		
CP 00901 POD1		CP	LE	4	3	4	32	25S	37E	671613	3550794*	1190	96		
CP 00902 POD1		CP	LE	4	3	4	32	25S	37E	671613	3550794*	1190	95		
CP 00903 POD1		CP	LE	4	3	4	32	25S	37E	671613	3550794*	1190	95		
CP 00904 POD1		CP	LE	4	3	4	32	25S	37E	671613	3550794*	1190	97		
CP 00905 POD1		CP	LE	4	3	4	32	25S	37E	671613	3550794*	1190	100		
CP 00906 POD1		CP	LE	4	3	4	32	25S	37E	671613	3550794*	1190	102		
CP 01308 POD1		CP	LE	3	4	4	30	25S	37E	670086	3552295	1263	420	210	210
CP 00387		CP	LE		3	2	29	25S	37E	671472	3553308*	1376	422	210	212

Average Depth to Water: **186 feet**
Minimum Depth: **110 feet**
Maximum Depth: **210 feet**

Record Count: 12

UTMNAD83 Radius Search (in meters):

Easting (X): 671299.3 Northing (Y): 3551942.43 Radius: 1609.3

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

Well: ARNOTT RAMSAY NCT-B #18
Location: Twn 25S Rge 37E Sec 32
Footages: ~*1115 FNL 2495 FWL*~
County: Lea

XI. Exhibit D6b

Location For Office of the State Engineer:
NAD 1983 UTM Zone 13
Easting (X): 671299.300 mtrs
Northing (Y): 3551942.430 mtrs

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
0.5 Miles away	CP 01306 POD1		CP	LE	1	3	3	29	25S	37E	670622	3552502	878	458	110	348
	CP 01256 POD4		CP	LE	3	2	3	29	25S	37E	670994	3552889	995	440	210	230
	CP 01256 POD3		CP	LE	4	1	3	29	25S	37E	670707	3552893	1120	450	190	260
	CP 00900 POD1		CP	LE	4	3	4	32	25S	37E	671613	3550794*	1190	101		
Water Analysis Available	CP 00901 POD1		CP	LE	4	3	4	32	25S	37E	671613	3550794*	1190	96		
	CP 00902 POD1		CP	LE	4	3	4	32	25S	37E	671613	3550794*	1190	95		
	CP 00903 POD1		CP	LE	4	3	4	32	25S	37E	671613	3550794*	1190	95		
	CP 00904 POD1		CP	LE	4	3	4	32	25S	37E	671613	3550794*	1190	97		
	CP 00905 POD1		CP	LE	4	3	4	32	25S	37E	671613	3550794*	1190	100		
	CP 00906 POD1		CP	LE	4	3	4	32	25S	37E	671613	3550794*	1190	102		
0.8 Miles away	CP 01308 POD1		CP	LE	3	4	4	30	25S	37E	670086	3552295	1263	420	210	210
	CP 00387		CP	LE		3	2	29	25S	37E	671472	3553308*	1376	422	210	212
	CP 00506		CP	LE			2	29	25S	37E	671673	3553509*	1610	425	200	225
	CP 00774		CP	LE			1	29	25S	37E	670869	3553495*	1611	100	60	40
	CP 00509		CP	LE	4	1	2	29	25S	37E	671564	3553609*	1687	300	275	25
	CP 00487		CP	LE		2	1	29	25S	37E	671063	3553703*	1776	421	250	171
1.1 Miles away	CP 01304 POD1		CP	LE	4	3	4	31	25S	37E	669863	3550797	1836	459	285	174

Average Depth to Water: **200 feet**
Minimum Depth: **60 feet**
Maximum Depth: **285 feet**

Record Count: 17

UTMNAD83 Radius Search (in meters):

Easting (X): 671299.3 **Northing (Y):** 3551942.43 **Radius:** 1850

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

Well: ARNOTT RAMSAY NCT-B #19
Location: Twn 25S Rge 37E Sec 32
Footages: ~*1340 FSL 1330 FEL* ~
County: Lea

XI. Exhibit D7a

Location For Office of the State Engineer:
NAD 1983 UTM Zone 13
Easting (X): 671762.649 mtrs
Northing (Y): 3551093.095 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	Water Column
CP 00900 POD1		CP	LE	4	3	4	32	25S	37E	671613	3550794*	334	101		
CP 00901 POD1		CP	LE	4	3	4	32	25S	37E	671613	3550794*	334	96		
CP 00902 POD1		CP	LE	4	3	4	32	25S	37E	671613	3550794*	334	95		
CP 00903 POD1		CP	LE	4	3	4	32	25S	37E	671613	3550794*	334	95		
CP 00904 POD1		CP	LE	4	3	4	32	25S	37E	671613	3550794*	334	97		
CP 00905 POD1		CP	LE	4	3	4	32	25S	37E	671613	3550794*	334	100		
CP 00906 POD1		CP	LE	4	3	4	32	25S	37E	671613	3550794*	334	102		

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

Record Count: 7

UTMNAD83 Radius Search (in meters):

Easting (X): 671762.649 **Northing (Y):** 3551093 **Radius:** 1609.3

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

Well: ARNOTT RAMSAY NCT-B #19
Location: Twn 25S Rge 37E Sec 32
Footages: ~*1340 FSL 1330 FEL*~
County: Lea

XI. Exhibit D7b

Location For Office of the State Engineer:
NAD 1983 UTM Zone 13
Easting (X): 671762.649 mtrs
Northing (Y): 3551093.095 mtrs

Water Analysis Available

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 00900 POD1		CP	LE	4	3	4	32	25S	37E	671613	3550794*	334	101		
CP 00901 POD1		CP	LE	4	3	4	32	25S	37E	671613	3550794*	334	96		
CP 00902 POD1		CP	LE	4	3	4	32	25S	37E	671613	3550794*	334	95		
CP 00903 POD1		CP	LE	4	3	4	32	25S	37E	671613	3550794*	334	95		
CP 00904 POD1		CP	LE	4	3	4	32	25S	37E	671613	3550794*	334	97		
CP 00905 POD1		CP	LE	4	3	4	32	25S	37E	671613	3550794*	334	100		
CP 00906 POD1		CP	LE	4	3	4	32	25S	37E	671613	3550794*	334	102		
CP 01306 POD1		CP	LE	1	3	3	29	25S	37E	670622	3552502	1812	458	110	348
CP 01304 POD1		CP	LE	4	3	4	31	25S	37E	669863	3550797	1922	459	285	174
CP 01256 POD4		CP	LE	3	2	3	29	25S	37E	670994	3552889	1954	440	210	230
CP 01308 POD1		CP	LE	3	4	4	30	25S	37E	670086	3552295	2063	420	210	210

1.1 Miles away
1.2 Miles away
1.3 Miles away

Average Depth to Water: **203 feet**
Minimum Depth: **110 feet**
Maximum Depth: **285 feet**

Record Count: 11

UTMNAD83 Radius Search (in meters):

Easting (X): 671762.649 **Northing (Y):** 3551093 **Radius:** 2075

***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.

1/29/20 11:56 AM

WATER COLUMN/AVERAGE DEPTH TO WATER

XI. Exhibit E1

MITCHELL ANALYTICAL LABORATORY

2638 Faudree
Odessa, Texas 79765-8538
561-5579

Company: ***Imperative Chemical Partners***

Well Number:	Frying Pan Road	Sample Temp:	70
Lease:	CP-01304	Date Sampled:	1/24/2020
Location:	POD-1	Sampled by:	David Garcia
Date Run:	1/27/2020	Employee #:	
Lab Ref #:	20-jan-w91301	Analyzed by:	GR

Dissolved Gases

			Mg/L	Eq. Wt.	MEq/L
Hydrogen Sulfide	(H2S)		.00	16.00	.00
Carbon Dioxide	(CO2)	**NOT ANALYZED**			
Dissolved Oxygen	(O2)	**NOT ANALYZED**			

Cations

Calcium	(Ca++)	145.52	20.10	7.24
Magnesium	(Mg++)	69.34	12.20	5.68
Sodium	(Na+)	168.10	23.00	7.31
Barium	(Ba++)	.05	68.70	.00
Manganese	(Mn÷)	.01	27.50	.00
Strontium	(Sr++)	3.42	47.80	.07

Anions

Hydroxyl	(OH-)	.00	17.00	.00
Carbonate	(CO3=)	.00	30.00	.00
BiCarbonate	(HCO3-)	268.84	61.10	4.40
Sulfate	(SO4=)	270.00	48.80	5.53
Chloride	(Cl-)	368.40	35.50	10.38
Total Iron	(Fe)	0.09	18.60	.00
Total Dissolved Solids		1,293.79		
Total Hardness as CaCO3		648.09		
Conductivity MICROMHOS/CM		2,174		

pH 7.890 Specific Gravity 60/60 F. 1.001

CaSO4 Solubility @ 80 F. 19.19MEq/L. CaSO4 scale is unlikely

CaCO3 Scale Index

70.0	.305	100.0	.655	130.0	1.165
80.0	.435	110.0	.895	140.0	1.165
90.0	.655	120.0	.895	150.0	1.395

Imperative Chemical Partners

XI. Exhibit E2

MITCHELL ANALYTICAL LABORATORY

2638 Faudree
Odessa, Texas 79765-8538
561-5579

Company: ***Imperative Chemical Partners***

Well Number:	Cow Pens	Sample Temp:	70
Lease:	CP-01306	Date Sampled:	1/24/2020
Location:	POD-1	Sampled by:	David Garcia
Date Run:	1/27/2020	Employee #:	
Lab Ref #:	20-jan-w91300	Analyzed by:	GR

Dissolved Gases

			Mg/L	Eq. Wt.	MEq/L
Hydrogen Sulfide	(H2S)		.00	16.00	.00
Carbon Dioxide	(CO2)	**NOT ANALYZED**			
Dissolved Oxygen	(O2)	**NOT ANALYZED**			

Cations

Calcium	(Ca++)	103.64	20.10	5.16
Magnesium	(Mg++)	87.40	12.20	7.16
Sodium	(Na+)	134.79	23.00	5.86
Barium	(Ba++)	.00	68.70	.00
Manganese	(Mn+)	.23	27.50	.01
Strontium	(Sr++)	.00	47.80	.00

Anions

Hydroxyl	(OH-)	.00	17.00	.00
Carbonate	(CO3=)	.00	30.00	.00
BiCarbonate	(HCO3-)	268.84	61.10	4.40
Sulfate	(SO4=)	300.00	48.80	6.15
Chloride	(Cl-)	271.30	35.50	7.64
Total Iron	(Fe)	0.02	18.60	.00
Total Dissolved Solids		1,166.21		
Total Hardness as CaCO3		617.44		
Conductivity MICROMHOS/CM		2,008		

pH 7.710 Specific Gravity 60/60 F. 1.001

CaSO4 Solubility @ 80 F. 19.48MEq/L, CaSO4 scale is unlikely

CaCO3 Scale Index

70.0	-.022	100.0	.328	130.0	.838
80.0	.108	110.0	.568	140.0	.838
90.0	.328	120.0	.568	150.0	1.068

Imperative Chemical Partners

XI. Exhibit E3

MITCHELL ANALYTICAL LABORATORY

2638 Faudree
Odessa, Texas 79765-8538
561-5579

Company: ***Imperative Chemical Partners***

Well Number:	Fulfers Shop	Sample Temp:	70
Lease:	CP-01308	Date Sampled:	1/24/2020
Location:	POD-1	Sampled by:	David Garcia
Date Run:	1/27/2020	Employee #:	
Lab Ref #:	20-jan-w91302	Analyzed by:	GR

Dissolved Gases

			Mg/L	Eq. Wt.	MEq/L
Hydrogen Sulfide	(H2S)		.00	16.00	.00
Carbon Dioxide	(CO2)	**NOT ANALYZED**			
Dissolved Oxygen	(O2)	**NOT ANALYZED**			

Cations

Calcium	(Ca++)	233.64	20.10	11.62
Magnesium	(Mg++)	112.78	12.20	9.24
Sodium	(Na+)	168.66	23.00	7.33
Barium	(Ba++)	.08	68.70	.00
Manganese	(Mn+)	.99	27.50	.04
Strontium	(Sr++)	4.97	47.80	.10

Anions

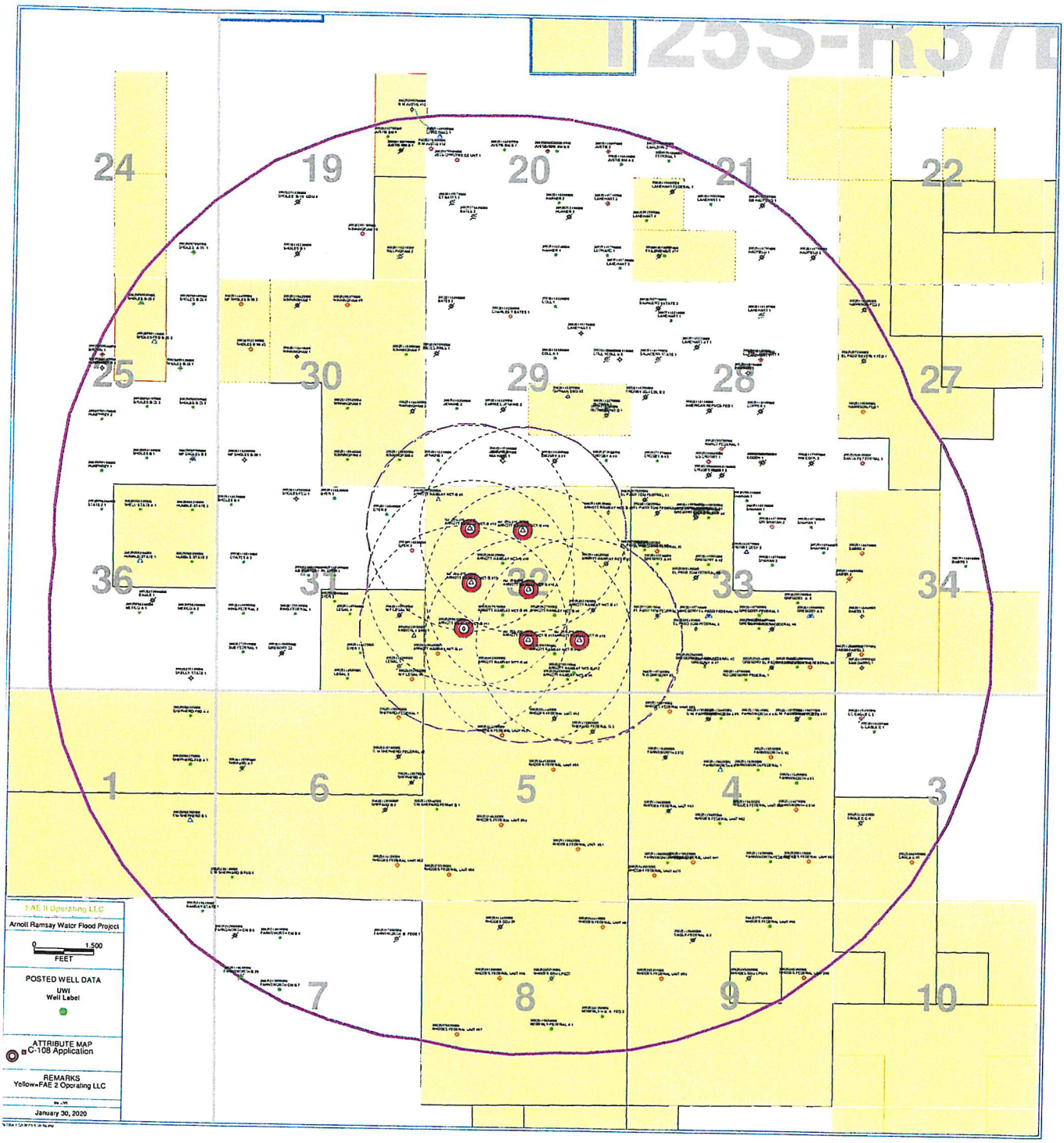
Hydroxyl	(OH-)	.00	17.00	.00
Carbonate	(CO3=)	.00	30.00	.00
BiCarbonate	(HCO3-)	219.96	61.10	3.60
Sulfate	(SO4=)	540.00	48.80	11.07
Chloride	(Cl-)	485.53	35.50	13.68
Total Iron	(Fe)	0.01	18.60	.00
Total Dissolved Solids		1,766.62		
Total Hardness as CaCO3		1,046.50		
Conductivity MICROMHOS/CM		2,949		

pH 7.610 Specific Gravity 60/60 F. 1.001

CaSO4 Solubility @ 80 F. 19.78MEq/L, CaSO4 scale is unlikely

CaCO3 Scale Index

70.0	.144	100.0	.494	130.0	1.004
80.0	.274	110.0	.734	140.0	1.004
90.0	.494	120.0	.734	150.0	1.234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FAE II Operating LLC
Arnoll Ramsay Water Flood Project
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1,500
FEET
POSTED WELL DATA
UWI
Well Label
ATTRIBUTE MAP
C-108 Application
REMARKS
Yellow=FAE 2 Operating LLC
January 30, 2020

SENDER: COMPLETE THIS SECTION

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

1. Article Addressed to:

New Mexico State Land Office
Oil & Gas Division
Attn: Kenda Montoya
310 Old Santa Fe Trail
Santa Fe, NM 87501

9590 9402 5652 9308 3840 27

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

7019 2280 0001 2857 8783

COMPLETE THIS SECTION ON DELIVERY

A. Signature
X [signature] ☐ Agent ☐ Addressee

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

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

3. Service Type
- ☐ Adult Signature
- ☐ Adult Signature Restricted Delivery
- ☑ Certified Mail®
- ☐ Certified Mail Restricted Delivery
- ☐ Collect on Delivery
- ☐ Collect on Delivery Restricted Delivery
- ☐ Insured Mail
- ☐ Insured Mail Restricted Delivery (over $500)
- ☑ Priority Mail Express®
- ☐ Registered Mail™
- ☐ Registered Mail Restricted Delivery
- ☑ Return Receipt for Merchandise
- ☐ Signature Confirmation™
- ☐ Signature Confirmation Restricted Delivery

Domestic Return Receipt

SENDER: COMPLETE THIS SECTION

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

1. Article Addressed to:

United States Dept. of the Interior
Bureau of Land Management
6251 College Blvd., Suite A
Farmington, NM 87402

9590 9402 5652 9308 3840 34

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

7019 2280 0001 2857 9605

COMPLETE THIS SECTION ON DELIVERY

A. Signature
X [signature] ☐ Agent ☐ Addressee

B. Received by *(Printed Name)* KELDIESS C. Date of Delivery 2/3

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

3. Service Type
- ☐ Adult Signature
- ☐ Adult Signature Restricted Delivery
- ☑ Certified Mail®
- ☐ Certified Mail Restricted Delivery
- ☐ Collect on Delivery
- ☐ Collect on Delivery Restricted Delivery
- ☐ Insured Mail
- ☐ Insured Mail Restricted Delivery (over $500)
- ☑ Priority Mail Express®
- ☐ Registered Mail™
- ☐ Registered Mail Restricted Delivery
- ☑ Return Receipt for Merchandise
- ☐ Signature Confirmation™
- ☐ Signature Confirmation Restricted Delivery

Domestic Return Receipt

SENDER: COMPLETE THIS SECTION

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

1. Article Addressed to:

Fulfer Oil & Cattle Company, LLC
P.O. Box 1224
Jal, NM 88252

9590 9402 5652 9308 3840 41

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

PS 7019 2280 0001 2857 9599

COMPLETE THIS SECTION ON DELIVERY

A. Signature
X [signature] ☑ Agent ☐ Addressee

B. Received by *(Printed Name)* Jenny Edwards C. Date of Delivery 2-3-20

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

3. Service Type
- ☐ Adult Signature
- ☐ Adult Signature Restricted Delivery
- ☑ Certified Mail®
- ☐ Certified Mail Restricted Delivery
- ☐ Collect on Delivery
- ☐ Collect on Delivery Restricted Delivery
- ☐ Insured Mail
- ☐ Insured Mail Restricted Delivery (over $500)
- ☑ Priority Mail Express®
- ☐ Registered Mail™
- ☐ Registered Mail Restricted Delivery
- ☑ Return Receipt for Merchandise
- ☐ Signature Confirmation™
- ☐ Signature Confirmation Restricted Delivery

Domestic Return Receipt

7019 2280 0001 2857 8790

U.S. Postal Service™
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For delivery information, visit our website at www.usps.com®.

HOUSTON, TX 77024

OFFICIAL USE

Certified Mail Fee	$3.55
Extra Services & Fees (check box, add fee as appropriate)	$2.85
☐ Return Receipt (hardcopy)	$0.00
☐ Return Receipt (electronic)	$0.00
☐ Certified Mail Restricted Delivery	$0.00
☐ Adult Signature Required	$0.00
☐ Adult Signature Restricted Delivery	$
Postage	$7.50
Total	$13.90

PM 0042 11 12 AM 1 2 3 4 5 6 7 8 9 10 11 12 AM
MEMORIAL
JAN 30 2020
PARK
01/30/2020

Sent To: Lanexco Incorporated
Street: 9147 Briar Forest
City: Houston, TX 77024

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

7019 2280 0001 2857 9599

U.S. Postal Service™
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For delivery information, visit our website at www.usps.com®.

JAL, NM 88252

OFFICIAL USE

Certified Mail Fee	$3.55
Extra Services & Fees (check box, add fee as appropriate)	$2.85
☐ Return Receipt (hardcopy)	$0.00
☐ Return Receipt (electronic)	$0.00
☐ Certified Mail Restricted Delivery	$0.00
☐ Adult Signature Required	$0.00
☐ Adult Signature Restricted Delivery	$
Postage	$8.00
Total	$14.40

PM 1 2 3 0042 11 12 AM 1 2 3 4 5 6 7 8 9 10 11 12 PM
MEMORIAL
Postmark Here
JAN 30 2020
PARK
01/30/2020

Sent To: Fulfer Oil & Cattle Company, LLC
Street: P.O. Box 1224
City: Jal, NM 88252

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

7019 2280 0001 2857 9605

U.S. Postal Service™
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For delivery information, visit our website at www.usps.com®.

FARMINGTON, NM 87402

OFFICIAL USE

Certified Mail Fee	$3.55
Extra Services & Fees (check box, add fee as appropriate)	$2.85
☐ Return Receipt (hardcopy)	$0.00
☐ Return Receipt (electronic)	$0.00
☐ Certified Mail Restricted Delivery	$0.00
☐ Adult Signature Required	$0.00
☐ Adult Signature Restricted Delivery	$
Postage	$8.25
Total	$14.65

PM 0042 11 12 AM 1 2 3 4 5 6 7 8 9 10 11 12 AM
MEMORIAL
Postmark Here
JAN 30 2020
PARK
01/30/2020

Sent To: United States Dept. of the Interior
Street: Bureau of Land Management
City: 6251 College Blvd., Suite A
Farmington, NM 87402

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

7019 2280 0001 2857 8783

U.S. Postal Service™
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Domestic Mail Only

For delivery information, visit our website at www.usps.com®.

SANTA FE, NM 87501

OFFICIAL USE

Certified Mail Fee	$3.55
Extra Services & Fees (check box, add fee as appropriate)	$2.85
☐ Return Receipt (hardcopy)	$0.00
☐ Return Receipt (electronic)	$0.00
☐ Certified Mail Restricted Delivery	$0.00
☐ Adult Signature Required	$0.00
☐ Adult Signature Restricted Delivery	$
Postage	$8.25
Total	$14.75

PM 0042 11 12 AM 1 2 3 4 5 6 7 8 9 10 11 12 AM
MEMORIAL
Postmark Here
JAN 30 2020
PARK
01/30/2020

Sent To: New Mexico State Land Office
Street: Oil & Gas Division
Attn: Kenda Montoya
City: 310 Old Santa Fe Trail
Santa Fe, NM 87501

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

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
February 05, 2020
and ending with the issue dated
February 05, 2020.

Publisher

Sworn and subscribed to before me this
5th day of February 2020.

Business Manager

My commission expires
January 29, 2023
(Seal)

OFFICIAL SEAL
GUSSIE BLACK
Notary Public
State of New Mexico
My Commission Expires 1-29-23

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

FAE II Operating, LLC announces its intent to apply to the New Mexico Oil Conservation Division (NMOCD) for an Authorization to Injec for each of the injection wells in the table below. The coordinate system for the locations in the table is NAD 27.

Well Name	Proposed Injection Zone	Township	Range	Section	Legal Description	Lattitude	Longitude
ARNOTT RAMSAY NCT-B #11	Yates-Seven Rivers-Queen	25S	37E	32	990 FWL 1650 FSL	32.08391	-103.18961
ARNOTT RAMSAY NCT-B #18	Yates-Seven Rivers-Queen	25S	37E	32	1115 FNL & 2495 FWL	32.090808	-103.184803
ARNOTT RAMSAY NCT-B #14	Yates-Seven Rivers-Queen	25S	37E	32	1060 FNL & 1160 FWL	32.09094	-103.189133
ARNOTT RAMSAY NCT-B #15	Yates-Seven Rivers-Queen	25S	37E	32	2455 FNL & 1195 FWL	32.087118	-103.188987
ARNOTT RAMSAY NCT-B #16	Yates-Seven Rivers-Queen	25S	37E	32	2625 FNL & 2630 FEL	32.086664	-103.184285
ARNOTT RAMSAY NCT-B #19	Yates-Seven Rivers-Queen	25S	37E	32	1340 FSL & 1330 FEL	32.083079	-103.180047
ARNOTT RAMSAY NCT-B #17	Yates-Seven Rivers-Queen	25S	37E	32	1350 FSL & 2635 FEL	32.083084	-103.184291

Each of the wells in the table are part of the Arnott Ramsay NCT-B (St. of NM B0-0229-0001) lease. Maximum injection pressure and rates are expected to be 700 psia and 750 bwpd per injector. The entirety of the injected water will be used for increasing oil recovery via waterflooding, and NOT commercial saltwater disposal. All of the injection will be confined within the lease and will not affect any offset operators. For questions or comments about this application, contact the operator at FAE II Operating, LLC Attn: Huxley Song 11757 Katy Freeway, Suite 1000 Houston, TX 77079 Phone: 832-706-0057. Objections or requests for hearing must be filed with the Oil Conservation Division at 1220 South St. Francis Dr., Santa Fe, New Mexico 87505, within 15 days.

67115951 00239174

MARITZA SANTANA
FORTY ACRES ENERGY
11757 KATY FREEWAY SUITE 1000
HOUSTON , TX 77079

FAE II Operating LLC
2 Mile Radius

UWI/API	OPERATOR	WELL LABEL	TD	WELL TYPE	CURRENT ZONE	SPUD DATE	COMP DATE	TOWNSHIP	RANGE	SECTION	FOOTAGE	NAD27-SURFLAT	NAD27-SURFLON	WGS84-SURFLAT	WGS84-SURFLON
30025097790000	LOEB HERMAN L LLC	GB HADFIELD 1	3201	PLUGOIL	Plugged	5/4/1936	6/3/1936	25S	37E	21	1980 FEL 1980 FSL	32.113780	-103.165130	32.113780	-103.165130
30025097790001	LOEB HERMAN L LLC	GB HADFIELD 1	3201	PLUGGAS	Plugged	01/01/1801	01/01/1801	25S	37E	21	1980 FEL 1980 FSL	32.113780	-103.165130	32.113780	-103.165130
30025097790002	LOEB HERMAN L LLC	EXXON 1	3448	PLUGGAS	Plugged	1/23/1976	5/5/1976	25S	37E	21	1980 FEL 1980 FSL	32.113780	-103.165130	32.113780	-103.165130
30025097950000	FULFER OIL & CATTLE COMPANY LLC	SHOLES `A-24` 1	3396	GAS	JALMAT; TAN-YATES-7 RVRS	10/4/1936	12/17/1936	25S	36E	24	660 FEL 660 FSL	32.110240	-103.211980	32.110240	-103.211980
30025097950001	FULFER OIL & CATTLE COMPANY LLC	SHOLES `A` 1	3396	OIL	JALMAT; TAN-YATES-7 RVRS	1/30/1981	2/4/1981	25S	36E	24	660 FEL 660 FSL	32.110240	-103.211980	32.110240	-103.211980
30025098040000	FULFER OIL & CATTLE COMPANY LLC	BROWN 1	3406	OIL	JALMAT; TAN-YATES-7 RVRS	12/26/1957	5/20/1958	25S	36E	25	2310 FWL 1980 FNL	32.103000	-103.219460	32.103000	-103.219460
30025098040001	FULFER OIL & CATTLE COMPANY LLC	BROWN 1	3406	GAS	JALMAT; TAN-YATES-7 RVRS	01/01/1801	01/01/1801	25S	36E	25	2310 FWL 1980 FNL	32.103000	-103.219460	32.103000	-103.219460
30025098060000	OWL SWD OPERATING LLC	MF SHOLES B 2	2950	PLUGOIL	SWD; YATES-SEVEN RIVERS	5/25/1947	6/28/1947	25S	36E	25	660 FEL 660 FSL	32.095720	-103.211990	32.095720	-103.211990
30025098060001	OWL SWD OPERATING LLC	M F SHOLES B 2	2950	PLUGGAS	SWD; YATES-SEVEN RIVERS	10/8/1961	10/11/1961	25S	36E	25	660 FEL 660 FSL	32.095720	-103.211990	32.095720	-103.211990
30025098060002	OWL SWD OPERATING LLC	SHOLES `B` 2	2950	GAS	SWD; YATES-SEVEN RIVERS	10/20/1981	11/9/1981	25S	36E	25	660 FEL 660 FSL	32.095720	-103.211990	32.095720	-103.211990
30025098060003	OWL SWD OPERATING LLC	SHOLES B 2	3055	CONWIW	SWD; YATES-SEVEN RIVERS	8/4/2008	8/6/2008	25S	36E	25	660 FEL 660 FSL	32.095720	-103.211990	32.095720	-103.211990
30025098080000	FULFER OIL & CATTLE COMPANY LLC	SHOLES B-25 2	3375	CONWIW	SWD; SEVEN RIVERS	8/15/1941	9/26/1941	25S	36E	25	1980 FEL 660 FNL	32.106620	-103.216250	32.106620	-103.216250
30025098080001	CONOCO INCORPORATED	SHOLES `B-25` 2	3375	OIL	SWD; SEVEN RIVERS	6/29/1979	1/21/1980	25S	36E	25	1980 FEL 660 FNL	32.106620	-103.216250	32.106620	-103.216250
30025098090000	CONOCO INCORPORATED	SHOLES B-25 3	3035	PLUGOIL	Plugged	8/25/1947	10/14/1947	25S	36E	25	660 FEL 1980 FSL	32.099340	-103.211990	32.099340	-103.211990
30025098100000	CONOCO INCORPORATED	SHOLES B-25 4	3060	PLUGOIL	Plugged	9/14/1948	10/3/1948	25S	36E	25	660 FEL 660 FNL	32.106610	-103.211980	32.106610	-103.211980
30025098110000	SOUTHWEST ROYALTIES INCORPORATED	SHOLES-FED B-25 5	3110	CONWIW	Plugged	6/22/1957	7/17/1957	25S	36E	25	1650 FEL 1650 FNL	32.103900	-103.215180	32.103900	-103.215180
30025098120000	FULFER OIL & CATTLE COMPANY LLC	SHOLES B-25 1	2950	GAS	JALMAT; TAN-YATES-7 RVRS	10/13/1940	11/18/1940	25S	36E	25	990 FEL 2310 FNL	32.102080	-103.213050	32.102080	-103.213050
30025098120001	FULFER OIL & CATTLE COMPANY LLC	SHOLES B-25 1	2950	OIL	JALMAT; TAN-YATES-7 RVRS	01/01/1801	01/01/1801	25S	36E	25	990 FEL 2310 FNL	32.102080	-103.213050	32.102080	-103.213050
30025098140000	LOWE RALPH L	HUMPHREY B 1	3356	DRY	Plugged	1/5/1951	2/21/1951	25S	36E	25	2310 FWL 2310 FNL	32.102090	-103.219460	32.102090	-103.219460
30025098150000	FULFER OIL & CATTLE COMPANY LLC	HUMPHREY 1	3255	OIL	JALMAT; TAN-YATES-7 RVRS	2/19/1945	4/7/1945	25S	36E	25	2310 FWL 330 FSL	32.094820	-103.219450	32.094820	-103.219450
30025098160000	MARALO INCORPORATED	SHOLES B 1	3220	PLUGOIL	Plugged	7/1/1946	9/27/1946	25S	36E	25	1830 FEL 660 FSL	32.095720	-103.215770	32.095720	-103.215770
30025098170000	MARALO INCORPORATED	HUMPHREY 2	3266	PLUGOIL	Plugged	4/14/1945	6/23/1945	25S	36E	25	2310 FWL 1650 FSL	32.098450	-103.219450	32.098450	-103.219450
30025098190000	MARALO INCORPORATED	SHOLES B-25 3	3220	PLUGOIL	Plugged	7/6/1947	8/10/1947	25S	36E	25	1830 FEL 1980 FSL	32.099350	-103.215770	32.099350	-103.215770
30025098290000	SOUTHWEST ROYALTIES INCORPORATED	HUMBLE-STATE 1	3017	CONWIW	Plugged	10/15/1944	11/30/1944	25S	36E	36	1980 FEL 1980 FNL	32.088470	-103.216270	32.088470	-103.216270
30025098300000	SOUTHWEST ROYALTIES INCORPORATED	HUMBLE-STATE 2	3020	PLUGOIL	Plugged	1/7/1945	3/15/1945	25S	36E	36	660 FEL 1980 FNL	32.088460	-103.212010	32.088460	-103.212010
30025098310000	MARALO INCORPORATED	HUMBLE-STATE 3	2950	PLUGOIL	Plugged	6/16/1945	7/22/1945	25S	36E	36	660 FEL 660 FNL	32.092090	-103.212000	32.092090	-103.212000
30025098330000	MARALO INCORPORATED	SHELL-STATE A 1	3230	PLUGOIL	Plugged	12/9/1944	2/14/1945	25S	36E	36	1980 FEL 660 FNL	32.092100	-103.216260	32.092100	-103.216260
30025098340000	SKELLY OIL COMPANY	MEXICO A 1	3301	DHSO	Plugged	4/1/1945	6/18/1945	25S	36E	36	1980 FEL 1980 FSL	32.084850	-103.216290	32.084850	-103.216290
30025098350000	SKELLY OIL COMPANY	MEXICO A 2	2990	PLUGOIL	Plugged	10/17/1950	11/13/1950	25S	36E	36	660 FEL 1980 FSL	32.084850	-103.212020	32.084850	-103.212020
30025098360000	SKELLY OIL COMPANY	STATE Z 1	3264	PLUGOIL	Plugged	8/14/1945	10/10/1945	25S	36E	36	2310 FWL 660 FNL	32.092100	-103.219450	32.092100	-103.219450
30025098370000	FULFER OIL & CATTLE COMPANY LLC	SHEPHERD-FED A 3	3050	OIL	JALMAT; TAN-YATES-7 RVRS	12/1/1960	1/10/1961	26S	36E	1	660 FEL 1905 FNL	32.074170	-103.212050	32.074170	-103.212050
30025098380000	CHEVRON U S A INCORPORATED	SHEPHERD-FED A 4	2970	PLUGOIL	Plugged	3/29/1962	5/11/1962	26S	36E	1	660 FEL 660 FNL	32.077590	-103.212040	32.077590	-103.212040
30025098390000	FULFER OIL & CATTLE COMPANY LLC	CW SHEPHERD B 5	2964	CONWIW	SWD; YATES-SEVEN RIVERS	8/12/1961	9/8/1961	26S	36E	1	660 FEL 1980 FSL	32.070230	-103.212050	32.070230	-103.212050
30025116210000	BURLINGTON RESOURCES O&G CO LP	WILLINGHAM 2	2841	PLUGGAS	Plugged	11/22/1949	12/6/1949	25S	37E	19	653 FEL 598 FSL	32.110060	-103.195010	32.110060	-103.195010
30025116230000	LOEB HERMAN L	SHOLES B 1	2945	PLUGGAS	Plugged	2/27/1941	3/22/1941	25S	37E	19	1980 FWL 660 FSL	32.110230	-103.203450	32.110230	-103.203450
30025116570000	HARTMAN DOYLE	JUSTIS BM A 1	2795	PLUGGAS	Plugged	3/25/1931	6/24/1931	25S	37E	19	660 FEL 1980 FNL	32.117480	-103.195000	32.117480	-103.195000
30025116590000	TEXAS PACIFIC OIL COMPANY	HARNER 2	3440	PLUGOIL	Plugged	5/6/1959	6/24/1959	25S	37E	20	1905 FEL 1980 FSL	32.113820	-103.181930	32.113820	-103.181930
30025116590001	TEXAS PACIFIC OIL COMPANY	HARNER 2	3440	PLUGOIL	Plugged	1/1/1959	10/21/1959	25S	37E	20	1905 FEL 1980 FSL	32.113820	-103.181930	32.113820	-103.181930
30025116600000	BETTIS BOYLE & STOVALL	CHRISTMAS 1	3285	CONWIW	Plugged	11/1/1953	11/21/1953	25S	37E	20	330 FWL 1650 FNL	32.118400	-103.191790	32.118400	-103.191790
30025116640000	BETTIS BOYLE & STOVALL	JUSTIS BM A 6	3332	OIL	Plugged	11/1/1954	12/25/1954	25S	37E	20	330 FEL 2310 FNL	32.116540	-103.176820	32.116540	-103.176820
30025116670000	BETTIS BOYLE & STOVALL	CT BATES 1	2865	PLUGGAS	Plugged	3/11/1936	9/11/1936	25S	37E	20	660 FWL 1980 FSL	32.113850	-103.190750	32.113850	-103.190750
30025116670001	BETTIS BOYLE & STOVALL	BATES CT 1	3361	PLUGGAS	Plugged	3/14/1940	5/10/1940	25S	37E	20	660 FWL 1980 FSL	32.113850	-103.190750	32.113850	-103.190750
30025116680000	BETTIS BOYLE & STOVALL	JUSTIS 2	3029	PLUGOIL	Plugged	7/28/1937	7/28/1937	25S	37E	20	660 FEL 1980 FNL	32.117450	-103.177880	32.117450	-103.177880
30025116680001	BETTIS BOYLE & STOVALL	JUSTIS GAS UNIT 2	3029	GAS	Plugged	1/1/1957	2/1/1957	25S	37E	20	660 FEL 1980 FNL	32.117450	-103.177880	32.117450	-103.177880
30025116690000	BETTIS BOYLE & STOVALL	JUSTIS BM B 7	3285	O&G	JALMAT; TAN-YATES-7 RVRS	11/20/1958	12/28/1958	25S	37E	20	1980 FWL 1960 FNL	32.117530	-103.186470	32.117530	-103.186470
30025116700000	BURLESON LEWIS B INCORPORATED	LEONARD 1	3362	PLUGOIL	Plugged	5/6/1936	9/10/1936	25S	37E	20	660 FEL 660 FSL	32.110180	-103.177930	32.110180	-103.177930
30025116710000	FULFER OIL & CATTLE COMPANY LLC	LANEHART 2	3620	OIL	JALMAT; TAN-YATES-7 RVRS	11/16/1937	2/7/1938	25S	37E	20	660 FEL 1980 FSL	32.113810	-103.177900	32.113810	-103.177900
30025116710001	FULFER OIL & CATTLE COMPANY LLC	LANEHART 2	3620	GAS	JALMAT; TAN-YATES-7 RVRS	01/01/1801	01/01/1801	25S	37E	20	660 FEL 1980 FSL	32.113810	-103.177900	32.113810	-103.177900
30025116720000	SUN OIL COMPANY	LANEHART 3	8940	PLUGOIL	Plugged	5/18/1957	9/8/1957	25S	37E	20	330 FEL 330 FSL	32.109270	-103.176870	32.109270	-103.176870
30025116730000	TEXAS PACIFIC OIL COMPANY	HARNER 1	3377	PLUGOIL	Plugged	12/13/1951	3/23/1952	25S	37E	20	1980 FEL 660 FSL	32.110190	-103.182190	32.110190	-103.182190
30025116750000	LOEB HERMAN L LLC	HADFIELD 2	3487	PLUGGAS	Plugged	11/7/1948	2/12/1949	25S	37E	21	660 FEL 660 FSL	32.110140	-103.160870	32.110140	-103.160870
30025116750001	LOEB HERMAN L LLC	HADFIELD 2	3487	PLUGGAS	Plugged	12/1/1986	12/15/1986	25S	37E	21	660 FEL 660 FSL	32.110140	-103.160870	32.110140	-103.160870
30025116750002	LOEB HERMAN L LLC	HADFIELD 2	3487	PLUGGAS	Plugged	3/27/2001	5/4/2001	25S	37E	21	660 FEL 660 FSL	32.110140	-103.160870	32.110140	-103.160870

30025116760000	LOEB HERMAN L LLC	HADFIELD 1	3024	PLUGGAS	Plugged	12/9/1946	2/23/1947	25S	37E	21	1980 FEL 660 FSL	32.110150	-103.165140	32.110150	-103.165140
30025116770000	FAE II Operating LLC	LANEHART #1Y	9029	OIL	LANGLIE MATTIX; 7 RVRS-Q-GRAYBURG	1/14/1956	3/28/1956	25S	37E	21	810 FWL 660 FSL	32.110170	-103.173180	32.110170	-103.173180
30025116770001	FAE II Operating LLC	LANEHART #1Y	9029	OIL	LANGLIE MATTIX; 7 RVRS-Q-GRAYBURG	12/25/1973	11/10/1977	25S	37E	21	810 FWL 660 FSL	32.110170	-103.173180	32.110170	-103.173180
30025116780000	BURLESON LEWIS B INCORPORATED	EVA OWENS 1	2775	PLUGGAS	Plugged	1/5/1951	5/21/1951	25S	37E	21	660 FWL 660 FSL	32.110170	-103.173660	32.110170	-103.173660
30025116780001	BURLESON LEWIS B INCORPORATED	LANEHART 1	2775	PLUGGAS	Plugged	12/4/1969	1/15/1970	25S	37E	21	660 FWL 660 FSL	32.110170	-103.173660	32.110170	-103.173660
30025116830000	ANDERSON-PRICHARD OIL CORP	CARLSON 2	2950	PLUGOIL	Plugged	11/18/1936	3/1/1937	25S	37E	21	660 FWL 1980 FNL	32.117450	-103.173620	32.117450	-103.173620
30025116830001	UNION TEXAS PETROLEUM CORPORATION	CARLSON-FEDERAL 2	3020	PLUGOIL	Plugged	2/10/1938	3/31/1938	25S	37E	21	660 FWL 1980 FNL	32.117450	-103.173620	32.117450	-103.173620
30025116840000	LOEB HERMAN L LLC	LANEHART-FEDERAL 1	2928	PLUGOIL	Plugged	5/23/1937	10/1/1937	25S	37E	21	990 FWL 2310 FSL	32.114700	-103.172570	32.114700	-103.172570
30025116840001	LOEB HERMAN L LLC	LANEHART 3	2928	PLUGGAS	Plugged	5/16/1975	6/2/1975	25S	37E	21	990 FWL 2310 FSL	32.114700	-103.172570	32.114700	-103.172570
30025116860000	LOEB HERMAN L LLC	LANEHART 1	3565	PLUGOIL	Plugged	5/3/1936	6/21/1936	25S	37E	21	1980 FWL 1980 FSL	32.113790	-103.169380	32.113790	-103.169380
30025116860001	LOEB HERMAN L LLC	LANEHART 1	3565	PLUGOIL	Plugged	11/1/1947	11/13/1947	25S	37E	21	1980 FWL 1980 FSL	32.113790	-103.169380	32.113790	-103.169380
30025117580000	LOEB HERMAN L LLC	WM COOK 2	3284	PLUGOIL	Plugged	8/15/1937	9/16/1937	25S	37E	28	660 FEL 660 FSL	32.095670	-103.160930	32.095670	-103.160930
30025117580001	LOEB HERMAN L LLC	COOK WN 2	3284	PLUGGAS	Plugged	1/1/1969	2/6/1969	25S	37E	28	660 FEL 660 FSL	32.095670	-103.160930	32.095670	-103.160930
30025118050000	FULFER OIL & CATTLE COMPANY LLC	HARRISON-FED 1	3370	GAS	JALMAT; TAN-YATES-7 RVRS	3/25/1955	12/13/1955	25S	37E	27	660 FWL 1980 FSL	32.099290	-103.156650	32.099290	-103.156650
30025118050001	FULFER OIL & CATTLE COMPANY LLC	HARRISON-FED 1	3370	GAS	JALMAT; TAN-YATES-7 RVRS	01/01/1801	01/01/1801	25S	37E	27	660 FWL 1980 FSL	32.099290	-103.156650	32.099290	-103.156650
30025118100000	CIMAREX ENERGY CO OF COLORADO	HARRISON-FED 2	3542	PLUGGAS	Plugged	12/28/1955	6/8/1956	25S	37E	27	660 FWL 660 FNL	32.106510	-103.156620	32.106510	-103.156620
30025118110000	ATLANTIC RICHFIELD COMPANY THE	AMERICAN REPUCS-FED 1	10830	PLUGGAS	Plugged	4/13/1953	1/18/1955	25S	37E	28	1980 FWL 1980 FSL	32.099350	-103.169410	32.099350	-103.169410
30025118110001	ATLANTIC RICHFIELD COMPANY THE	ARCO FEDERAL 1	10830	PLUGGAS	Plugged	2/5/1974	2/25/1974	25S	37E	28	1980 FWL 1980 FSL	32.099350	-103.169410	32.099350	-103.169410
30025118120000	RESERVE OIL INCORPORATED	CLYDE LANEHART 1	9170	DRY	Plugged	1/5/1956	4/12/1956	25S	37E	28	1980 FEL 1950 FNL	32.102970	-103.165160	32.102970	-103.165160
30025118120001	RESERVE OIL INCORPORATED	LANEHART 2	9170	PLUGOIL	Plugged	8/14/1974	9/20/1974	25S	37E	28	1980 FEL 1950 FNL	32.102970	-103.165160	32.102970	-103.165160
30025118130000	LOEB HERMAN L LLC	LANEHART 1	2900	PLUGGAS	Plugged	10/14/1953	11/10/1953	25S	37E	28	1980 FEL 825 FNL	32.106070	-103.165150	32.106070	-103.165150
30025118130001	LOEB HERMAN L LLC	LANEHART 1	2930	PLUGGAS	Plugged	1/20/1955	1/25/1955	25S	37E	28	1980 FEL 825 FNL	32.106070	-103.165150	32.106070	-103.165150
30025118130002	LOEB HERMAN L LLC	LANEHART 1	3320	PLUGOIL	Plugged	7/5/1958	8/1/1958	25S	37E	28	1980 FEL 825 FNL	32.106070	-103.165150	32.106070	-103.165150
30025118140000	BURLESON LEWIS B INCORPORATED	COOK 1	3229	OIL	Plugged	7/14/1937	8/7/1937	25S	37E	28	1980 FEL 660 FSL	32.095690	-103.165190	32.095690	-103.165190
30025118150000	BRADLEY EDWIN G	LANEHART 1	3301	GAS	Plugged	7/31/1937	10/4/1937	25S	37E	28	1980 FEL 1980 FNL	32.102890	-103.165160	32.102890	-103.165160
30025118160000	OLSEN R	DAWSON 1	3960	DRY	Plugged	8/21/1950	3/12/1951	25S	37E	28	2310 FEL 2310 FNL	32.101990	-103.166230	32.101990	-103.166230
30025118170000	BURLESON LEWIS B INCORPORATED	SAUNDERS STATE 1	2463	PLUGGAS	Plugged	4/5/1950	4/20/1950	25S	37E	28	660 FWL 1980 FNL	32.102920	-103.173680	32.102920	-103.173680
30025118180000	PHILLIPS PETROLEUM COMPANY	COPPER 1	8663	PLUGGAS	Plugged	3/3/1955	1/16/1956	25S	37E	28	1981 FEL 1980 FSL	32.099320	-103.165180	32.099320	-103.165180
30025118190000	AMERICAN REPUBLIC CORPORATION	CROSBY 3	3220	PLUGOIL	Plugged	9/8/1937	10/12/1937	25S	37E	28	2310 FWL 330 FSL	32.094800	-103.168350	32.094800	-103.168350
30025118190001	SINCLAIR OIL & GAS COMPANY	CROSBY-FEDERAL B 1	3220	PLUGGAS	Plugged	01/01/1801	01/01/1801	25S	37E	28	2310 FWL 330 FSL	32.094800	-103.168350	32.094800	-103.168350
30025118200000	ATLANTIC RICHFIELD COMPANY THE	CROSBY RS-FEDL B 2	3460	PLUGGAS	Plugged	8/4/1936	9/2/1936	25S	37E	28	330 FWL 2310 FSL	32.100290	-103.174740	32.100290	-103.174740
30025118210000	SINCLAIR OIL CORPORATION	LANEHART 1	3302	PLUGOIL	Plugged	5/3/1936	7/3/1936	25S	37E	28	990 FWL 990 FNL	32.105630	-103.172610	32.105630	-103.172610
30025118220000	BURLESON LEWIS B INCORPORATED	LANEHART J T 1	8600	PLUGGAS	Plugged	4/28/1955	10/9/1955	25S	37E	28	1650 FWL 1650 FNL	32.103810	-103.170480	32.103810	-103.170480
30025118220001	BURLESON LEWIS B INCORPORATED	SAUNDERS ESTATE 2	8600	PLUGGAS	Plugged	7/1/1973	10/11/1976	25S	37E	28	1650 FWL 1650 FNL	32.103810	-103.170480	32.103810	-103.170480
30025118230000	AMERADA OLSEN & PEERLES	IMA HAYS 1	8576	DRY	Plugged	11/29/1956	1/31/1957	25S	37E	29	1980 FWL 660 FSL	32.095730	-103.186480	32.095730	-103.186480
30025118240000	UNION TEXAS PETROLEUM CORP	COLL 1	9365	PLUGGAS	Plugged	6/12/1955	1/4/1956	25S	37E	29	660 FEL 1980 FNL	32.102930	-103.177940	32.102930	-103.177940
30025118240001	ARCO OIL & GAS CORPORATION	ARCO-SRC 1	9365	DRY	Plugged	12/6/1981	1/26/1982	25S	37E	29	660 FEL 1980 FNL	32.102930	-103.177940	32.102930	-103.177940
30025118250000	HUMBLE OIL & REFINING COMPANY	CHARLES T BATES 1	9134	DHSO&G	Plugged	5/25/1956	11/8/1956	25S	37E	29	2170 FWL 920 FNL	32.105860	-103.185900	32.105860	-103.185900
30025118250001	XL TRANSPORTATION COMPANY	C T BATES EXXON 1	9134	GAS	Plugged	8/14/1978	9/18/1978	25S	37E	29	2170 FWL 920 FNL	32.105860	-103.185900	32.105860	-103.185900
30025118260000	BETTIS BOYLE & STOVALL	BATES 2	2740	PLUGGAS	Plugged	1/11/1952	1/28/1952	25S	37E	29	660 FWL 660 FNL	32.106590	-103.190780	32.106590	-103.190780
30025118270000	BURLESON LEWIS B INCORPORATED	GUTMAN 1	3270	PLUGOIL	Plugged	6/21/1950	7/19/1950	25S	37E	29	660 FEL 1980 FSL	32.099380	-103.177940	32.099380	-103.177940
30025118270001	BURLESON LEWIS B INCORPORATED	GUTMAN 1	3270	PLUGGAS	Plugged	3/25/1973	3/29/1973	25S	37E	29	660 FEL 1980 FSL	32.099380	-103.177940	32.099380	-103.177940
30025118280000	BURLESON LEWIS B INCORPORATED	COLL A 1	3186	PLUGOIL	Plugged	12/14/1951	3/23/1952	25S	37E	29	1980 FEL 1980 FNL	32.102940	-103.182200	32.102940	-103.182200
30025118290000	TEXAS PACIFIC OIL COMPANY	GUTMAN UNIT D 1	8628	PLUGGAS	Plugged	10/8/1955	2/16/1956	25S	37E	29	660 FEL 1830 FSL	32.098970	-103.177940	32.098970	-103.177940
30025118300000	FAE II Operating LLC	GUTMAN SWD #2	3297	SWD	SWD; SEVEN RIVERS	11/16/1950	3/31/1952	25S	37E	29	1650 FEL 2310 FSL	32.100280	-103.181140	32.100280	-103.181140
30025118310000	TEXAS PACIFIC OIL COMPANY	JENKINS 1	3174	PLUGOIL	Plugged	12/5/1950	12/10/1951	25S	37E	29	330 FWL 660 FSL	32.095720	-103.191810	32.095720	-103.191810
30025118310001	BURLESON & HUFF	JENKINS 1	3174	PLUGOIL	Plugged	8/29/1974	2/17/1975	25S	37E	29	330 FWL 660 FSL	32.095720	-103.191810	32.095720	-103.191810
30025118320000	OLSEN-BLOUNT DRILLING COMPANY	COLL 1	3936	TA	Plugged	12/14/1951	6/12/1952	25S	37E	29	1980 FEL 660 FNL	32.106570	-103.182200	32.106570	-103.182200
30025118330000	TEXAS PACIFIC OIL COMPANY	CARRIE L JENKINS 2	3403	PLUGGAS	Plugged	10/3/1951	12/10/1951	25S	37E	29	1980 FWL 1980 FSL	32.099360	-103.186490	32.099360	-103.186490
30025118340000	BURLESON LEWIS B INCORPORATED	JENKINS 3	3443	PLUGGAS	Plugged	11/20/1951	5/12/1952	25S	37E	29	1980 FWL 760 FSL	32.096000	-103.186480	32.096000	-103.186480
30025118340001	BURLESON LEWIS B INCORPORATED	JENKINS 3	3443	PLUGGAS	Plugged	5/20/1974	8/1/1974	25S	37E	29	1980 FWL 760 FSL	32.096000	-103.186480	32.096000	-103.186480
30025118340002	BURLESON LEWIS B INCORPORATED	JENKINS 3	3443	PLUGGAS	Plugged	1/1/1975	1/17/1975	25S	37E	29	1980 FWL 760 FSL	32.096000	-103.186480	32.096000	-103.186480
30025118350000	TEXAS PACIFIC OIL COMPANY	JENKINS 4	3430	PLUGOIL	Plugged	7/14/1951	1/14/1952	25S	37E	29	810 FWL 1980 FSL	32.099350	-103.190270	32.099350	-103.190270
30025118360000	AMERICAN INLAND RESOURCES COMPANY LLC	CROSBY A #1	3100	PLUGGAS	Plugged	2/23/1929	10/24/1929	25S	37E	29	1980 FEL 660 FSL	32.095740	-103.182200	32.095740	-103.182200
30025118370000	TEXACO INCORPORATED	LANEHART 1	3308	PLUGOIL	Plugged	3/15/1936	6/9/1936	25S	37E	29	1320 FEL 1320 FNL	32.104750	-103.180070	32.104750	-103.180070
30025118370001	TEXACO INCORPORATED	LANEHART 1	3308	DRY	Plugged	01/01/1801	01/01/1801	25S	37E	29	1320 FEL 1320 FNL	32.104750	-103.180070	32.104750	-103.180070

30025118380000	BURLINGTON RESOURCES O&G CO LP	WINNINGHAM 7	3305	PLUGOIL	Plugged	5/1/1961	6/22/1961	25S	37E	30	488 FEL 1922 FNL	32.103130	-103.194470	32.103130	-103.194470
30025118390000	CONTINENTAL OIL COMPANY	MF SHOLES B-30 1	3125	DRY	Plugged	7/22/1948	8/20/1948	25S	37E	30	660 FWL 660 FSL	32.095710	-103.207730	32.095710	-103.207730
30025118400000	LOEB HERMAN L LLC	MF SHOLES B-30 2	3054	GAS	Plugged	2/6/1950	3/17/1950	25S	37E	30	560 FWL 660 FNL	32.106610	-103.208040	32.106610	-103.208040
30025118410000	KERR-MCGEE CORPORATION	WINNINGHAM 1	3505	DRY	Plugged	2/11/1947	2/28/1947	25S	37E	30	1980 FWL 1980 FNL	32.102980	-103.203460	32.102980	-103.203460
30025118420000	BURLINGTON RESOURCES O&G CO LP	WINNINGHAM 1	2889	PLUGGAS	Plugged	6/27/1949	7/25/1949	25S	37E	30	1980 FWL 660 FNL	32.106600	-103.203460	32.106600	-103.203460
30025118430000	MERIDIAN OIL INCORPORATED	WINNINGHAM 3	3114	PLUGGAS	Plugged	4/4/1950	4/16/1950	25S	37E	30	330 FEL 1930 FSL	32.099200	-103.193950	32.099200	-103.193950
30025118440000	BURLINGTON RESOURCES O&G CO LP	WINNINGHAM 4	3206	PLUGOIL	Plugged	11/19/1950	12/14/1950	25S	37E	30	1980 FEL 660 FSL	32.095710	-103.199270	32.095710	-103.199270
30025118450000	BURLINGTON RESOURCES O&G CO LP	WINNINGHAM 6	3191	PLUGOIL	Plugged	4/6/1951	4/28/1951	25S	37E	30	660 FEL 660 FSL	32.095710	-103.195000	32.095710	-103.195000
30025118460000	AMERADA DIV AMERADA HESS CORPORATION	RL DYER 1	3335	PLUGOIL	Plugged	4/29/1935	6/14/1935	25S	37E	31	2310 FEL 2310 FNL	32.087550	-103.200280	32.087550	-103.200280
30025118470000	CITIES SERVICE COMPANY	DYER 1	3252	PLUGOIL	Plugged	11/1/1934	12/28/1934	25S	37E	31	1650 FEL 990 FSL	32.082100	-103.198120	32.082100	-103.198120
30025118480000	EMPIRE GAS & FUEL	DYER 2	3285	PLUGOIL	Plugged	4/25/1935	6/14/1935	25S	37E	31	2310 FEL 2310 FSL	32.085730	-103.200270	32.085730	-103.200270
30025118480001	CITIES SERVICE COMPANY	DYER 2	3285	PLUGOIL	Plugged	8/2/1935	9/9/1935	25S	37E	31	2310 FEL 2310 FSL	32.085730	-103.200270	32.085730	-103.200270
30025118490000	TEXAS PACIFIC OIL COMPANY	RING-FEDERAL 2	3140	PLUGOIL	Plugged	2/9/1952	3/22/1952	25S	37E	31	660 FWL 1980 FSL	32.084840	-103.207760	32.084840	-103.207760
30025118490001	TEXAS PACIFIC OIL COMPANY	COVINGTON-FEDERAL 2	3140	PLUGOIL	Plugged	1/1/1958	4/30/1958	25S	37E	31	660 FWL 1980 FSL	32.084840	-103.207760	32.084840	-103.207760
30025118500000	MOSS H S	SHOLES-FED 1	3230	DRY	Plugged	2/24/1953	3/12/1953	25S	37E	31	1980 FWL 330 FNL	32.092990	-103.203470	32.092990	-103.203470
30025118510000	LOWE RALPH	COATES A 2	3320	PLUGOIL	Plugged	10/4/1946	12/4/1946	25S	37E	31	660 FWL 1980 FNL	32.088460	-103.207750	32.088460	-103.207750
30025118520000	MARALO INCORPORATED	SHOLES B 4	3105	PLUGOIL	Plugged	10/9/1947	11/16/1947	25S	37E	31	330 FWL 510 FNL	32.092500	-103.208800	32.092500	-103.208800
30025118530000	FULFER OIL & CATTLE COMPANY LLC	DYER 1	3251	OIL	Plugged	9/16/1950	10/2/1950	25S	37E	31	2310 FEL 330 FNL	32.092990	-103.200320	32.092990	-103.200320
30025118540000	FULFER OIL & CATTLE COMPANY LLC	DYER 2	3171	OIL	JALMAT; TAN-YATES-7 RVRS	12/13/1952	1/3/1953	25S	37E	31	980 FEL 735 FNL	32.091880	-103.196020	32.091880	-103.196020
30025118550000	FULFER OIL & CATTLE COMPANY LLC	DYER 3	2977	GAS	JALMAT; TAN-YATES-7 RVRS	6/26/1954	7/11/1954	25S	37E	31	330 FEL 1650 FNL	32.089360	-103.193900	32.089360	-103.193900
30025118560000	BURLINGTON RESOURCES O&G CO LP	LEGAL 1	3254	PLUGGAS	Plugged	12/11/1950	8/10/1951	25S	37E	31	660 FEL 660 FSL	32.081190	-103.194920	32.081190	-103.194920
30025118560001	BURLINGTON RESOURCES O&G CO LP	LEGAL 1	3254	PLUGGAS	Plugged	1/1/1971	7/12/1971	25S	37E	31	660 FEL 660 FSL	32.081190	-103.194920	32.081190	-103.194920
30025118570000	CIMAREX ENERGY CO OF COLORADO	M F LEGAL #2	3350	PLUGGAS	Plugged	8/18/1951	9/30/1951	25S	37E	31	660 FEL 1980 FSL	32.084820	-103.194940	32.084820	-103.194940
30025118570001	CIMAREX ENERGY CO OF COLORADO	M F LEGAL #2	3350	PLUGGAS	Plugged	7/29/1983	9/7/1983	25S	37E	31	660 FEL 1980 FSL	32.084820	-103.194940	32.084820	-103.194940
30025118580000	CIMAREX ENERGY CO OF COLORADO	LEGAL 3	3336	PLUGOIL	Plugged	10/18/1951	12/2/1951	25S	37E	31	1980 FEL 330 FSL	32.080290	-103.199170	32.080290	-103.199170
30025118590000	BURLINGTON RESOURCES O&G CO LP	LEGAL 4	3365	PLUGOIL	Plugged	11/13/1951	1/8/1952	25S	37E	31	1915 FEL 1980 FSL	32.084830	-103.198990	32.084830	-103.198990
30025118600000	PAN AMERICAN CORPORATION	GREGORY 22	3320	PLUGOIL	Plugged	4/6/1929	9/12/1929	25S	37E	31	1650 FWL 990 FSL	32.082110	-103.204570	32.082110	-103.204570
30025118600001	PAN AMERICAN	GREGORY A 22	3320	PLUGGAS	Plugged	1/1/1951	1/31/1951	25S	37E	31	1650 FWL 990 FSL	32.082110	-103.204570	32.082110	-103.204570
30025118610000	TIDEWATER OIL COMPANY	AB COATES 1	3332	PLUGOIL	Plugged	5/5/1935	8/16/1935	25S	37E	31	2310 FWL 2310 FNL	32.087550	-103.202430	32.087550	-103.202430
30025118620000	CHEVRON U S A INCORPORATED	ARNOTT RAMSAY NCT B #2	3225	PLUGGAS	Plugged	8/22/1955	10/9/1955	25S	37E	32	660 FEL 1980 FNL	32.088500	-103.177890	32.088500	-103.177890
30025118630000	FAE II Operating LLC	ARNOTT RAMSAY NCT-B #3	8797	TA	Plugged	10/26/1956	3/8/1957	25S	37E	32	600 FEL 660 FNL	32.092120	-103.177730	32.092120	-103.177730
30025118630001	FAE II Operating LLC	ARNOTT RAMSAY NCT-B #3	8797	TA	Plugged	10/29/2001	3/5/2002	25S	37E	32	600 FEL 660 FNL	32.092120	-103.177730	32.092120	-103.177730
30025118640000	FAE II Operating LLC	ARNOTT RAMSAY NCT-B #1	3400	GAS	JALMAT; TAN-YATES-7 RVRS	4/28/1935	8/8/1935	25S	37E	32	330 FWL 990 FSL	32.082090	-103.191730	32.082090	-103.191730
30025118650000	DC ENERGY LLC	GREGORY C #1	3237	PLUGOIL	Plugged	8/9/1937	10/31/1937	25S	37E	33	1980 FWL 660 FNL	32.092090	-103.169400	32.092090	-103.169400
30025118660000	ANDERSON-PRICHARD OIL CORPORATION	GREGORY-FEDERAL 1	3200	PLUGOIL	Plugged	3/8/1953	4/23/1953	25S	37E	33	1980 FEL 1650 FSL	32.083960	-103.165170	32.083960	-103.165170
30025118670000	DC ENERGY LLC	GREGORY A #7	3299	PLUGOIL	Plugged	8/14/1961	9/1/1961	25S	37E	33	1880 FWL 660 FSL	32.081220	-103.169630	32.081220	-103.169630
30025118680000	CIMAREX ENERGY CO OF COLORADO	EL PASO TOM FEDERAL #6	3075	PLUGGAS	Plugged	4/1/1955	5/19/1955	25S	37E	33	1650 FEL 1650 FSL	32.083960	-103.164100	32.083960	-103.164100
30025118690000	EL PASO NATURAL GAS COMPANY	GREGORY-FEDERAL 2	3620	JNK	Plugged	3/28/1956	5/3/1956	25S	37E	33	1650 FWL 660 FNL	32.092100	-103.170460	32.092100	-103.170460
30025118700000	DC ENERGY LLC	GREGORY-FEDERAL 3	8285	PLUGGAS	Plugged	4/13/1958	7/1/1958	25S	37E	33	1980 FEL 1980 FSL	32.084870	-103.165170	32.084870	-103.165170
30025118700001	DC ENERGY LLC	CROSBY DEEP 3	10155	O&G	Plugged	5/16/1974	8/6/1974	25S	37E	33	1980 FEL 1980 FSL	32.084870	-103.165170	32.084870	-103.165170
30025118710000	UNION TEXAS PETROLEUM CORP	GREGORY EL PASO FEDERAL #4	8461	PLUGINJ	Plugged	11/17/1957	1/23/1958	25S	37E	33	1980 FWL 1980 FSL	32.084850	-103.169340	32.084850	-103.169340
30025118710001	DC ENERGY LLC	GREGORY EL PASO FEDERAL #4	8461	PLUGINJ	Plugged	8/1/1983	8/10/1983	25S	37E	33	1980 FWL 1980 FSL	32.084850	-103.169340	32.084850	-103.169340
30025118720000	BURLESON LEWIS B INCORPORATED	SHAHAN 1	3280	PLUGOIL	Plugged	4/6/1937	5/30/1937	25S	37E	33	1980 FEL 660 FNL	32.092060	-103.165200	32.092060	-103.165200
30025118730000	UNIFIED OPERATING LLC	GW SHAHAN 2	8250	GAS	CROSBY; DEVONIAN	8/27/1956	12/17/1956	25S	37E	33	1650 FEL 990 FNL	32.091150	-103.164130	32.091150	-103.164130
30025118740000	FAE II Operating LLC	R O GREGORY #3	3285	OIL	JALMAT; TAN-YATES-7 RVRS	8/16/1960	10/4/1960	25S	37E	33	660 FWL 330 FSL	32.080300	-103.173560	32.080300	-103.173560
30025118740001	FAE II Operating LLC	R O GREGORY #3	3285	OIL	JALMAT; TAN-YATES-7 RVRS	12/6/1994	12/9/1994	25S	37E	33	660 FWL 330 FSL	32.080300	-103.173560	32.080300	-103.173560
30025118750000	LOEB HERMAN L LLC	SHAHAN 1	3342	PLUGOIL	Plugged	9/2/1950	11/10/1950	25S	37E	33	660 FEL 990 FNL	32.091130	-103.160930	32.091130	-103.160930
30025118760000	BURLESON LEWIS B INCORPORATED	SHAHAN 2	3297	PLUGOIL	Plugged	3/20/1952	4/15/1952	25S	37E	33	330 FEL 1650 FNL	32.089310	-103.159860	32.089310	-103.159860
30025118770000	LOEB HERMAN L LLC	SHAHAN 3	3227	ABO&GW	Plugged	9/1/1953	11/4/1953	25S	37E	33	1650 FEL 1980 FNL	32.088430	-103.164120	32.088430	-103.164120
30025118780000	SUN EXPLORATION & PRODUCTION COMPANY	RO GREGORY-FEDERAL 1	3214	PLUGOIL	Plugged	8/3/1954	8/21/1954	25S	37E	33	2310 FEL 330 FSL	32.080330	-103.166220	32.080330	-103.166220
30025118790000	EL PASO NATURAL GAS COMPANY	GREGORY-FEDERAL #2Y	8170	PLUGGAS	Plugged	5/6/1956	7/19/1956	25S	37E	33	1650 FWL 760 FNL	32.091820	-103.170460	32.091820	-103.170460
30025118800000	ORYX ENERGY COMPANY	GREGORY A #2	3165	PLUGOIL	Plugged	11/9/1947	12/12/1947	25S	37E	33	1980 FWL 1980 FNL	32.088460	-103.169370	32.088460	-103.169370
30025118810000	CIMAREX ENERGY CO OF COLORADO	EL PASO TOM FEDERAL #7	3214	PLUGOIL	Plugged	9/12/1954	10/1/1954	25S	37E	33	660 FWL 1980 FSL	32.084840	-103.173600	32.084840	-103.173600
30025118810001	CIMAREX ENERGY CO OF COLORADO	EL PASO TOM FEDERAL #7	3214	PLUGGAS	Plugged	01/01/1801	01/01/1801	25S	37E	33	660 FWL 1980 FSL	32.084840	-103.173600	32.084840	-103.173600
30025118820000	LANEXCO INCORPORATED	EL PASO TOM FEDERAL #9	4000	PLUGOIL	Plugged	10/10/1947	5/18/1948	25S	37E	33	660 FWL 660 FNL	32.092120	-103.173660	32.092120	-103.173660
30025118820001	LANEXCO INCORPORATED	EL PASO TOM FEDERAL #9	4000	PLUGGAS	Plugged	6/8/1993	6/11/1993	25S	37E	33	660 FWL 660 FNL	32.092120	-103.173660	32.092120	-103.173660

30025118830000	SUN EXPLORATION & PRODUCTION COMPANY	GREGORY A #4	3204	PLUGOIL	Plugged	4/23/1949	5/21/1949	25S	37E	33	660 FWL 1980 FNL	32.088490	-103.173630	32.088490	-103.173630
30025118840000	DC ENERGY LLC	GREGORY A 5	3266	PLUGINJ	Plugged	11/4/1952	12/16/1952	25S	37E	33	660 FEL 1980 FSL	32.084880	-103.160910	32.084880	-103.160910
30025118840001	DC ENERGY LLC	GREGORY A 5	3266	PLUGINJ	Plugged	4/21/2003	4/29/2003	25S	37E	33	660 FEL 1980 FSL	32.084880	-103.160910	32.084880	-103.160910
30025118850000	MERIDIAN OIL INCORPORATED	GREGORY-FEDERAL A 6	3257	PLUGOIL	Plugged	2/21/1953	3/14/1953	25S	37E	33	990 FEL 660 FSL	32.081250	-103.161970	32.081250	-103.161970
30025118860000	ANDERSON-PRICHARD OIL CORP	DABBS 1	9004	DRY	Plugged	6/17/1957	9/21/1957	25S	37E	34	660 FWL 1980 FSL	32.084880	-103.156650	32.084880	-103.156650
30025118870000	FAE II Operating LLC	DABBS 4	9273	GAS	JALMAT; TAN-YATES-7 RVRS	6/5/1957	9/18/1957	25S	37E	34	660 FWL 1650 FNL	32.089310	-103.156660	32.089310	-103.156660
30025118870001	FAE II Operating LLC	DABBS 4	9273	GAS	JALMAT; TAN-YATES-7 RVRS	1/20/1997	1/28/1997	25S	37E	34	660 FWL 1650 FNL	32.089310	-103.156660	32.089310	-103.156660
30025118880000	HARTMAN DOYLE	DABBS 1	2852	PLUGGAS	Plugged	11/29/1948	12/28/1948	25S	37E	34	330 FWL 990 FSL	32.082170	-103.157710	32.082170	-103.157710
30025118890000	HARTMAN DOYLE	DABBS 2	3300	PLUGGAS	Plugged	2/13/1952	8/13/1952	25S	37E	34	330 FWL 2310 FNL	32.087490	-103.157720	32.087490	-103.157720
30025118890001	HARTMAN DOYLE	DABBS 2	3300	GAS	Plugged	2/18/1982	3/8/1982	25S	37E	34	330 FWL 2310 FNL	32.087490	-103.157720	32.087490	-103.157720
30025118900000	ENFIELD ROBERT N	SAM DABBS 1	8852	DRY	Plugged	5/29/1962	7/18/1962	25S	37E	34	660 FWL 660 FSL	32.081250	-103.156640	32.081250	-103.156640
30025118910000	APCO OIL CORPORATION	DABBS 1	3350	PLUGOIL	Plugged	12/9/1957	4/15/1958	25S	37E	34	1980 FEL 1980 FNL	32.088420	-103.148170	32.088420	-103.148170
30025119330000	REMUDA OPERATING COMPANY INCORPORATED	CC CAGLE C 3	8824	PLUGGAS	JALMAT; TAN-YATES-7 RVRS	8/11/1961	1/19/1962	26S	37E	3	660 FWL 660 FNL	32.077630	-103.156630	32.077630	-103.156630
30025119330001	REMUDA OPERATING COMPANY INCORPORATED	CAGLE CC C 3	8824	DRY	JALMAT; TAN-YATES-7 RVRS	1/11/1965	1/16/1965	26S	37E	3	660 FWL 660 FNL	32.077630	-103.156630	32.077630	-103.156630
30025119330002	REMUDA OPERATING COMPANY INCORPORATED	CAGLE C C `C` 3	8824	GAS	JALMAT; TAN-YATES-7 RVRS	2/1/1998	3/11/1998	26S	37E	3	660 FWL 660 FNL	32.077630	-103.156630	32.077630	-103.156630
30025119350000	REMUDA OPERATING COMPANY INCORPORATED	C CAGLE C 1	3526	DRY	JALMAT; TAN-YATES-7 RVRS	4/3/1949	4/28/1949	26S	37E	3	990 FWL 990 FNL	32.076720	-103.155560	32.076720	-103.155560
30025119350001	REMUDA OPERATING COMPANY INCORPORATED	CC CAGLE C 1	3526	O&G	JALMAT; TAN-YATES-7 RVRS	5/5/1956	5/31/1956	26S	37E	3	990 FWL 990 FNL	32.076720	-103.155560	32.076720	-103.155560
30025119360000	UNION TEXAS PETROLEUM CORPORATION	FARNSWORTH-FEDERAL 1	3296	PLUGOIL	Plugged	6/6/1958	7/3/1958	26S	37E	4	1980 FEL 1980 FNL	32.073980	-103.165150	32.073980	-103.165150
30025119370000	FAE II Operating LLC	RHODES FEDERAL UNIT #45	3289	GAS	RHODES; YATES-SEVEN RIVERS	5/29/1961	6/26/1961	26S	37E	4	990 FWL 480 FNL	32.078080	-103.172500	32.078080	-103.172500
30025119370001	FAE II Operating LLC	RHODES FEDERAL UNIT #45	3289	GAS	RHODES; YATES-SEVEN RIVERS	2/5/1991	2/11/1991	26S	37E	4	990 FWL 480 FNL	32.078080	-103.172500	32.078080	-103.172500
30025119380000	MERIDIAN OIL INCORPORATED	FARNSWORTH 4 #12	3286	PLUGOIL	Plugged	6/5/1961	7/6/1961	26S	37E	4	890 FWL 1650 FNL	32.074860	-103.172850	32.074860	-103.172850
30025119380001	MERIDIAN OIL PRODUCTION INCORPORATED	FARNSWORTH 4 #12	3290	PLUGGAS	Plugged	3/17/1990	6/24/1990	26S	37E	4	890 FWL 1650 FNL	32.074860	-103.172850	32.074860	-103.172850
30025119390000	CIMAREX ENERGY CO OF COLORADO	FARNSWORTH-FEDERAL 13	3288	PLUGOIL	Plugged	1/17/1962	2/12/1962	26S	37E	4	1650 FEL 990 FSL	32.067550	-103.164080	32.067550	-103.164080
30025119400000	JAL OIL COMPANY	FARNSWORTH-FEDERAL 6	3365	DHSO	Plugged	5/19/1958	2/27/1959	26S	37E	4	990 FWL 990 FSL	32.067470	-103.172590	32.067470	-103.172590
30025119410000	CIMAREX ENERGY CO OF COLORADO	FARNSWORTH 4 #1	3210	PLUGOIL	Plugged	10/19/1954	11/7/1954	26S	37E	4	1980 FEL 660 FNL	32.077610	-103.165150	32.077610	-103.165150
30025119420000	FAE II Operating LLC	FARNSWORTH 4 #7	3248	INJECT	Injection	8/10/1959	9/7/1959	26S	37E	4	2310 FWL 1980 FNL	32.073970	-103.168270	32.073970	-103.168270
30025119430000	CIMAREX ENERGY CO OF COLORADO	RHODES FEDERAL UNIT #44	3248	PLUGOIL	Plugged	9/7/1959	10/11/1959	26S	37E	4	1980 FEL 2310 FSL	32.071170	-103.165150	32.071170	-103.165150
30025119440000	CIMAREX ENERGY CO OF COLORADO	FARNSWORTH 4 #9	3221	PLUGOIL	Plugged	10/7/1959	11/6/1959	26S	37E	4	2310 FWL 660 FNL	32.077600	-103.168240	32.077600	-103.168240
30025119450000	FAE II Operating LLC	FARNSWORTH 4 #2	3220	OIL	LANGLIE MATTIX; 7 RVRS-Q-GRAYBURG	12/4/1954	12/12/1954	26S	37E	4	660 FEL 660 FNL	32.077630	-103.160890	32.077630	-103.160890
30025119460000	FAE II Operating LLC	FARNSWORTH 4 #3	3229	OIL	LANGLIE MATTIX; 7 RVRS-Q-GRAYBURG	1/14/1955	2/1/1955	26S	37E	4	990 FEL 2310 FNL	32.073090	-103.161950	32.073090	-103.161950
30025119470000	FAE II Operating LLC	FARNSWORTH 4 #10	3280	GAS	LANGLIE MATTIX; 7 RVRS-Q-GRAYBURG	3/30/1960	5/6/1960	26S	37E	4	990 FEL 2310 FSL	32.071200	-103.161950	32.071200	-103.161950
30025119480000	CIMAREX ENERGY CO OF COLORADO	RHODES FEDERAL UNIT #42	3282	PLUGOIL	Plugged	1/17/1958	2/13/1958	26S	37E	4	2310 FWL 1980 FSL	32.070230	-103.168310	32.070230	-103.168310
30025119490000	CIMAREX ENERGY CO OF COLORADO	RHODES FEDERAL UNIT #43	3312	PLUGOIL	Plugged	3/18/1958	4/10/1958	26S	37E	4	990 FWL 2310 FSL	32.071100	-103.172560	32.071100	-103.172560
30025119490001	CIMAREX ENERGY CO OF COLORADO	FARNSWORTH `4` 5	3312	PAOW	Plugged	10/20/1982	11/11/1982	26S	37E	4	990 FWL 2310 FSL	32.071100	-103.172560	32.071100	-103.172560
30025119490002	CIMAREX ENERGY CO OF COLORADO	RHODES FEDERAL UNIT 43	3312	PLUGGAS	Plugged	3/5/1998	8/17/1998	26S	37E	4	990 FWL 2310 FSL	32.071100	-103.172560	32.071100	-103.172560
30025119500000	PAN AMERICAN CORPORATION	C.M. FARNSWORTH C #6	8670	PLUGGAS	Plugged	10/14/1958	12/16/1958	26S	37E	4	990 FEL 660 FNL	32.077620	-103.161960	32.077620	-103.161960
30025119510000	PAN AMERICAN CORPORATION	C.M. FARNSWORTH C #7	8985	PLUGGAS	Plugged	12/21/1958	2/26/1959	26S	37E	4	1980 FWL 660 FNL	32.077600	-103.169310	32.077600	-103.169310
30025119520000	FAE II Operating LLC	RHODES FEDERAL UNIT #41	3160	GAS	RHODES; YATES-SEVEN RIVERS	9/3/1939	10/13/1939	26S	37E	4	1650 FWL 990 FSL	32.067490	-103.170460	32.067490	-103.170460
30025119530000	FAE II Operating LLC	FARNSWORTH C #2	2900	GAS	RHODES; YATES-SEVEN RIVERS	11/14/1939	12/19/1939	26S	37E	4	1650 FEL 1650 FNL	32.074890	-103.164080	32.074890	-103.164080
30025119540000	TEXACO INCORPORATED	CW SHEPARD PERMIT B 1	3262	PLUGOIL	Plugged	2/14/1933	5/23/1933	26S	37E	5	330 FWL 2310 FSL	32.071100	-103.191740	32.071100	-103.191740
30025119540001	TEXACO INCORPORATED	CHS W SHEPPRDV LS B 1	3355	PLUGOIL	Plugged	1/2/1934	2/26/1934	26S	37E	5	330 FWL 2310 FSL	32.071100	-103.191740	32.071100	-103.191740
30025119550000	EL PASO NATURAL GAS COMPANY	SHEPARD-FEDERAL B 3	3290	PLUGGAS	Plugged	1/14/1937	4/6/1937	26S	37E	5	990 FEL 990 FNL	32.076660	-103.178900	32.076660	-103.178900
30025119560000	FAE II Operating LLC	RHODES FEDERAL UNIT #51	3200	GAS	RHODES; YATES-SEVEN RIVERS	4/24/1937	6/23/1937	26S	37E	5	1320 FEL 1320 FSL	32.068360	-103.180040	32.068360	-103.180040
30025119570000	EL PASO NATURAL GAS COMPANY	SHEPHERD #1	3318	PLUGOIL	Plugged	8/26/1928	8/19/1929	26S	37E	6	330 FEL 2310 FNL	32.073020	-103.193860	32.073020	-103.193860
30025119570001	EL PASO NATURAL GAS COMPANY	SHEPHERD #1	3318	PLUGGAS	Plugged	9/3/1935	11/29/1935	26S	37E	6	330 FEL 2310 FNL	32.073020	-103.193860	32.073020	-103.193860
30025119580000	LOWE PETROLEUM COMPANY	SHEPARD-FEDERAL 1	3269	DHSG	Plugged	1/31/1952	4/21/1952	26S	37E	6	660 FEL 660 FNL	32.077560	-103.194910	32.077560	-103.194910
30025119590000	EL PASO NATURAL GAS COMPANY	SHEPARD A 2	3150	PLUGOIL	Plugged	10/17/1936	1/11/1937	26S	37E	6	660 FWL 1980 FNL	32.073960	-103.207790	32.073960	-103.207790
30025119590001	EL PASO NATURAL GAS COMPANY	SHEPARD-FEDERAL A 2	3150	PLUGGAS	Plugged	01/01/1801	01/01/1801	26S	37E	6	660 FWL 1980 FNL	32.073960	-103.207790	32.073960	-103.207790
30025119600000	EL PASO NATURAL GAS COMPANY	SHEPARD B 2	3243	PLUGOIL	Plugged	9/28/1934	11/30/1934	26S	37E	6	990 FEL 2310 FSL	32.071110	-103.196000	32.071110	-103.196000
30025119600001	EL PASO NATURAL GAS COMPANY	SHEPARD-FEDERAL B 2	3243	PLUGGAS	Plugged	01/01/1801	01/01/1801	26S	37E	6	990 FEL 2310 FSL	32.071110	-103.196000	32.071110	-103.196000
30025119630000	SOUTHWEST ROYALTIES INCORPORATED	FARNSWORTH B 29	2960	PLUGGAS	Plugged	11/1/1937	11/28/1937	26S	37E	7	660 FWL 1980 FNL	32.059340	-103.207800	32.059340	-103.207800
30025119630001	SOUTHWEST ROYALTIES INCORPORATED	FARNSWORTH-FEDERAL 2	2960	PLUGOIL	Plugged	01/01/1801	01/01/1801	26S	37E	7	660 FWL 1980 FNL	32.059340	-103.207800	32.059340	-103.207800
30025119650000	TORA OIL & GAS LLC	MOBERLY-FEDERAL A 1	3400	OIL	RHODES; YATES-SEVEN RIVERS	1/23/1934	8/31/1934	26S	37E	8	1980 FEL 1980 FSL	32.055730	-103.182140	32.055730	-103.182140
30025119680000	CIMAREX ENERGY CO OF COLORADO	CAGLE-FEDERAL A 2	3060	PLUGGAS	Plugged	6/21/1938	7/21/1938	26S	37E	9	1650 FWL 990 FNL	32.062050	-103.170460	32.062050	-103.170460
30025125520000	MERIDIAN OIL INCORPORATED	WINNINGHAM 5	3180	PLUGOIL	Plugged	3/12/1951	3/30/1951	25S	37E	30	1980 FEL 1980 FSL	32.099340	-103.199280	32.099340	-103.199280
30025125530000	RING GUSTAV	RING-FEDERAL 1	3140	PLUGOIL	Plugged	1/23/1952	7/14/1952	25S	37E	31	1980 FWL 1980 FSL	32.084830	-103.203500	32.084830	-103.203500

30025125770000	TENNECO OIL COMPANY	JUSTIS BM B 1	365	JNK	Plugged	3/4/1931	3/23/1931	25S	37E	19	645 FEL 1980 FNL	32.117480	-103.194950	32.117480	-103.194950
30025200110000	FAE II Operating LLC	RHODES FEDERAL UNIT #47	3290	GAS	RHODES; YATES-SEVEN RIVERS	1/5/1963	1/26/1963	26S	37E	4	660 FEL 990 FSL	32.067580	-103.160880	32.067580	-103.160880
30025200110001	FAE II Operating LLC	RHODES FEDERAL UNIT #47	3290	GAS	RHODES; YATES-SEVEN RIVERS	6/24/1990	6/24/1990	26S	37E	4	660 FEL 990 FSL	32.067580	-103.160880	32.067580	-103.160880
30025200110002	FAE II Operating LLC	RHODES FEDERAL UNIT #47	3290	GAS	RHODES; YATES-SEVEN RIVERS	3/8/2011	4/8/2011	26S	37E	4	660 FEL 990 FSL	32.067580	-103.160880	32.067580	-103.160880
30025202540000	UNION TEXAS PETROLEUM CORPORATION	GREGORY EL PASO FEDERAL #2	8975	DRY	Plugged	10/31/1963	1/5/1964	25S	37E	33	1880 FWL 760 FSL	32.081500	-103.169630	32.081500	-103.169630
30025204910000	DC ENERGY LLC	GREGORY EL PASO FEDERAL #1	8461	PLUGGAS	Plugged	8/20/1963	10/24/1963	25S	37E	33	1650 FEL 660 FSL	32.081240	-103.164100	32.081240	-103.164100
30025205810000	BETTIS BOYLE & STOVALL	JUSTIS BM B 8	3404	OIL	JALMAT; TAN-YATES-7 RVRS	2/8/1964	3/6/1964	25S	37E	20	1980 FEL 1980 FNL	32.117460	-103.182140	32.117460	-103.182140
30025212790000	BETTIS BOYLE & STOVALL	JUSTIS BM 9	3400	PLUGOIL	Plugged	6/16/1965	9/13/1965	25S	37E	19	990 FEL 1650 FNL	32.118390	-103.196060	32.118390	-103.196060
30025212990000	SOUTHWEST ROYALTIES INCORPORATED	FARNSWORTH CM B 6	2970	PLUGOIL	Plugged	6/29/1965	7/17/1965	26S	37E	7	497 FWL 920 FNL	32.062250	-103.208320	32.062250	-103.208320
30025212990001	SOUTHWEST ROYALTIES INCORPORATED	FARNSWORTH B FEDERA 6		PLUGGAS	Plugged	8/20/1986	8/20/1986	26S	37E	7	497 FWL 920 FNL	32.062250	-103.208320	32.062250	-103.208320
30025213000000	FULFER OIL & CATTLE COMPANY LLC	FARNSWORTH CM B 7	3304	OIL	SCARBOROUGH; YATES-SEVEN RIVERS	8/2/1965	8/26/1965	26S	37E	7	1658 FWL 2310 FNL	32.058430	-103.204580	32.058430	-103.204580
30025213010000	PAN AMERICAN CORPORATION	FARNSWORTH CM B 8	3058	PLUGOIL	Plugged	9/27/1965	12/13/1965	26S	37E	7	1657 FWL 990 FNL	32.062050	-103.204580	32.062050	-103.204580
30025217610000	HANSON ERNEST A	RAMSAY-STATE 1	3305	PLUGOIL	Plugged	4/21/1966	5/10/1966	26S	36E	12	330 FEL 330 FNL	32.063880	-103.210990	32.063880	-103.210990
30025220330000	WOLFSON OIL COMPANY	SKELLY-STATE 1	3055	DRY	Plugged	3/5/1967	3/21/1967	25S	36E	36	660 FEL 330 FSL	32.080310	-103.212040	32.080310	-103.212040
30025235750000	LOEB HERMAN L LLC	COOK 1	8240	PLUGGAS	Plugged	8/22/1970	9/27/1970	25S	37E	28	1905 FEL 660 FSL	32.095690	-103.164950	32.095690	-103.164950
30025238910000	DC ENERGY LLC	CROSBY DEEP 1	10946	PLUGGAS	Plugged	9/29/1971	3/9/1972	25S	37E	28	1980 FWL 330 FSL	32.094810	-103.169410	32.094810	-103.169410
30025238910001	DC ENERGY LLC	CROSBY DEEP 1	10946	DRY	Plugged	11/21/2001	3/23/2005	25S	37E	28	1980 FWL 330 FSL	32.094810	-103.169410	32.094810	-103.169410
30025239130000	CHEVRON U S A INCORPORATED	C W SHEPHARD B-FED 6	3000	PLUGOIL	Plugged	1/7/1972	2/20/1972	26S	37E	6	420 FWL 540 FSL	32.066270	-103.208570	32.066270	-103.208570
30025242870000	DC ENERGY LLC	CROSBY DEEP 2	10445	SWD	SWD; FUSSELMAN	11/15/1972	1/31/1973	25S	37E	33	2310 FEL 1650 FNL	32.089350	-103.166250	32.089350	-103.166250
30025244410000	FAE II Operating LLC	RHODES FEDERAL UNIT #81	3110	GAS	RHODES; YATES-SEVEN RIVERS	7/23/1973	9/7/1973	26S	37E	8	660 FEL 660 FNL	32.062910	-103.177930	32.062910	-103.177930
30025244640000	GREATHOUSE & LOVELADY	US-CROSBY 1	8160	GAS	Plugged	6/22/1973	9/10/1973	25S	37E	28	1980 FWL 660 FSL	32.095720	-103.169410	32.095720	-103.169410
30025245210000	CIMAREX ENERGY CO OF COLORADO	RHODES GSU LPG22	3270	PLUGGAS	Plugged	9/29/1973	11/6/1973	26S	37E	8	1980 FEL 1980 FNL	32.059290	-103.182160	32.059290	-103.182160
30025245240000	CIMAREX ENERGY CO OF COLORADO	RHODES GSU LPG14	3110	PLUGGAS	Plugged	10/5/1973	11/4/1973	26S	37E	9	2180 FEL 1980 FNL	32.059370	-103.165780	32.059370	-103.165780
30025245350000	FAE II Operating LLC	RHODES FEDERAL UNIT #94	3170	GAS	RHODES; YATES-SEVEN RIVERS	10/8/1973	11/4/1973	26S	37E	9	850 FWL 1980 FNL	32.059310	-103.173030	32.059310	-103.173030
30025245360000	FAE II Operating LLC	RHODES FEDERAL UNIT #96	3110	GAS	RHODES; YATES-SEVEN RIVERS	10/12/1973	11/10/1973	26S	37E	9	760 FEL 1980 FNL	32.059410	-103.161200	32.059410	-103.161200
30025259850000	DC ENERGY LLC	CROSBY DEEP #4	8894	PLUGOIL	Plugged	8/4/1978	10/2/1978	25S	37E	33	1980 FWL 785 FNL	32.091750	-103.169400	32.091750	-103.169400
30025260770000	BURLESON LEWIS B INCORPORATED	SAUNDERS ESTATE 3	3400	PLUGGAS	Plugged	9/30/1978	10/19/1978	25S	37E	28	660 FWL 660 FNL	32.106540	-103.173680	32.106540	-103.173680
30025260770001	BURLESON LEWIS B INCORPORATED	SAUNDERS ESTATE 3	3400	PLUGGAS	Plugged	9/11/1992	9/11/1992	25S	37E	28	660 FWL 660 FNL	32.106540	-103.173680	32.106540	-103.173680
30025261050000	HARTMAN DOYLE	ARNOTT RAMSAY NCT-B #5	3500	PLUGOIL	Plugged	12/20/1978	1/19/1979	25S	37E	32	1650 FEL 330 FSL	32.080290	-103.181020	32.080290	-103.181020
30025261060000	FAE II Operating LLC	ARNOTT RAMSAY NCT-B #4	3600	SWD	SWD; SEVEN RIVERS-QUEEN	12/27/1978	2/7/1979	25S	37E	32	330 FWL 330 FNL	32.092990	-103.191800	32.092990	-103.191800
30025261060001	FAE II Operating LLC	ARNOTT RAMSAY NCT-B #4	3600	SWD	SWD; SEVEN RIVERS-QUEEN	8/18/1982	10/11/1982	25S	37E	32	330 FWL 330 FNL	32.092990	-103.191800	32.092990	-103.191800
30025261550000	BURLESON LEWIS B INCORPORATED	LANEHART 4	3530	PLUGOIL	Plugged	11/30/1978	1/30/1979	25S	37E	21	330 FWL 1550 FSL	32.112620	-103.174710	32.112620	-103.174710
30025261910000	BURLESON & HUFF	COLL A 2	3330	DRY	Plugged	5/2/1979	8/20/1979	25S	37E	29	330 FEL 1980 FNL	32.102920	-103.176870	32.102920	-103.176870
30025262780000	FAE II Operating LLC	ARNOTT RAMSAY NCT-B #6	3600	OIL	LANGLIE MATTIX; 7 RVRS-Q-GRAYBURG	4/6/1979	6/8/1979	25S	37E	32	1980 FEL 1980 FSL	32.084820	-103.182120	32.084820	-103.182120
30025262790000	HARTMAN DOYLE	ARNOTT RAMSAY NCT-B #7	3600	PLUGOIL	Plugged	4/14/1979	7/11/1979	25S	37E	32	990 FEL 2130 FSL	32.085240	-103.178930	32.085240	-103.178930
30025262790001	HARTMAN DOYLE	ARNOTT RAMSAY NCT-B #7	3600	PLUGGAS	Plugged	8/15/1981	8/23/1981	25S	37E	32	990 FEL 2130 FSL	32.085240	-103.178930	32.085240	-103.178930
30025262800000	FAE II Operating LLC	ARNOTT RAMSAY NCT-B #8	3630	OIL	JALMAT; TAN-YATES-7 RVRS	4/26/1979	7/19/1979	25S	37E	32	1980 FWL 660 FSL	32.081190	-103.186390	32.081190	-103.186390
30025263190000	BURLESON LEWIS B INCORPORATED	HORNER 3	3400	PLUGGAS	Plugged	6/27/1979	10/10/1979	25S	37E	20	1650 FEL 1650 FSL	32.112910	-103.181110	32.112910	-103.181110
30025263350000	LOEB HERMAN L LLC	FEDERAL 1	3340	PLUGOIL	Plugged	7/6/1979	8/2/1979	25S	37E	21	890 FWL 2210 FNL	32.116810	-103.172880	32.116810	-103.172880
30025263350001	LOEB HERMAN L LLC	FEDERAL 1	3340	PLUGOIL	Plugged	7/6/2000	7/14/2000	25S	37E	21	890 FWL 2210 FNL	32.116810	-103.172880	32.116810	-103.172880
30025265630000	FULFER OIL & CATTLE COMPANY LLC	SANTA FE FEDERAL 1	3400	GAS	JALMAT; TAN-YATES-7 RVRS	11/21/1979	12/13/1979	25S	37E	27	660 FWL 660 FSL	32.095660	-103.156670	32.095660	-103.156670
30025265950000	MERIDIAN OIL INCORPORATED	BATES BB&S 1	3350	PLUGGAS	Plugged	12/26/1979	2/6/1980	25S	37E	29	280 FWL 1870 FNL	32.103270	-103.191990	32.103270	-103.191990
30025266310000	LOEB HERMAN L LLC	SHAHAN 1	3244	PLUGOIL	Plugged	2/20/1980	4/1/1980	25S	37E	33	2310 FEL 330 FNL	32.092980	-103.166260	32.092980	-103.166260
30025267080000	LANEXCO INCORPORATED	EL PASO TOM FEDERAL #1	3330	PLUGGAS	Plugged	3/21/1980	8/20/1980	25S	37E	33	330 FWL 330 FNL	32.093030	-103.174730	32.093030	-103.174730
30025267240000	MERIDIAN OIL INCORPORATED	EL PASO BEVERLY FED 1	3300	PLUGGAS	Plugged	4/7/1980	5/7/1980	25S	37E	27	660 FWL 1980 FNL	32.102880	-103.156640	32.102880	-103.156640
30025267250000	LANEXCO INCORPORATED	EL PASO TOM FEDERAL #2	3300	PLUGOIL	Plugged	3/29/1980	7/30/1980	25S	37E	33	330 FWL 1630 FNL	32.089460	-103.174700	32.089460	-103.174700
30025267570000	FAE II Operating LLC	ARNOTT RAMSAY NCT-B #9	3450	OIL	LANGLIE MATTIX; 7 RVRS-Q-GRAYBURG	4/22/1980	5/28/1980	25S	37E	32	1980 FWL 1980 FSL	32.084820	-103.186420	32.084820	-103.186420
30025267570001	FAE II Operating LLC	ARNOTT RAMSAY NCT-B #9	3450	OIL	LANGLIE MATTIX; 7 RVRS-Q-GRAYBURG	7/10/2001	9/2/2001	25S	37E	32	1980 FWL 1980 FSL	32.084820	-103.186420	32.084820	-103.186420
30025269180000	LANEXCO INCORPORATED	EL PASO TOM FEDERAL #3	3300	PLUGGAS	Plugged	9/2/1980	10/23/1980	25S	37E	33	1650 FWL 2310 FNL	32.087560	-103.170430	32.087560	-103.170430
30025269190000	LANEXCO INCORPORATED	EL PASO TOM FEDERAL 4	3300	TA	Plugged	9/10/1980	10/28/1980	25S	37E	33	1650 FWL 1650 FSL	32.083940	-103.170400	32.083940	-103.170400
30025269620000	FAE II Operating LLC	ARNOTT RAMSAY NCT-B #10	3400	OIL	JALMAT; TAN-YATES-7 RVRS	9/5/1980	10/10/1980	25S	37E	32	1980 FWL 1980 FNL	32.088470	-103.186440	32.088470	-103.186440
30025269620001	FAE II Operating LLC	ARNOTT RAMSAY NCT-B #10	3400	OIL	JALMAT; TAN-YATES-7 RVRS	7/10/1990	8/10/1990	25S	37E	32	1980 FWL 1980 FNL	32.088470	-103.186440	32.088470	-103.186440
30025269630000	FAE II Operating LLC	ARNOTT RAMSAY NCT-B #11	3473	LOC-INJ / TA	JALMAT; TAN-YATES-7 RVRS	11/21/1981	1/20/1982	25S	37E	32	990 FWL 1650 FSL	32.083910	-103.189610	32.083910	-103.189610
30025271430000	LOEB HERMAN L	SHOLES `B-19` COM 4	13500	PLUGGAS	Plugged	1/13/1981	2/12/1984	25S	37E	19	1980 FWL 1980 FSL	32.113860	-103.203450	32.113860	-103.203450
30025271770000	AMERICAN INLAND RESOURCES COMPANY LLC	CROSBY A #3	3400	PLUGOIL	Plugged	12/8/1980	3/18/1981	25S	37E	28	660 FWL 660 FSL	32.095740	-103.173680	32.095740	-103.173680
30025272650000	AMERICAN INLAND RESOURCES COMPANY LLC	CROSBY A #4	3419	PLUGOIL	Plugged	6/17/1981	8/17/1981	25S	37E	29	660 FEL 660 FSL	32.095750	-103.177940	32.095750	-103.177940

30025272650001	AMERICAN INLAND RESOURCES COMPANY LLC	CROSBY A #4	3419	PLUGOIL	Plugged	4/26/1982	6/14/1982	25S	37E	29	660 FEL 660 FSL	32.095750	-103.177940	32.095750	-103.177940
30025272810000	BURLESON LEWIS B INCORPORATED	SUE FEDERAL 1	3100	PLUGOIL	Plugged	5/4/1981	6/23/1981	25S	37E	31	660 FWL 990 FSL	32.082120	-103.207770	32.082120	-103.207770
30025275420000	BURLINGTON RESOURCES O&G CO LP	BATES 3	3481	PLUGGAS	Plugged	9/3/1981	9/24/1981	25S	37E	20	1210 FWL 1635 FSL	32.112890	-103.188980	32.112890	-103.188980
30025275510000	FAE II Operating LLC	ARNOTT RAMSAY NCT-B #12	3620	OIL	JALMAT; TAN-YATES-7 RVRS	1/13/1982	3/18/1982	25S	37E	32	1480 FEL 500 FSL	32.080760	-103.180480	32.080760	-103.180480
30025275680000	SOUTHWEST ROYALTIES INCORPORATED	EAGLE 1	2966	PLUGGAS	Plugged	10/3/1981	4/6/1982	25S	36E	36	1650 FEL 2310 FSL	32.085760	-103.215220	32.085760	-103.215220
30025276300000	FAE II Operating LLC	B M JUSTIS #10	3273	GAS	JALMAT; TAN-YATES-7 RVRS	11/20/1981	12/8/1981	25S	37E	20	120 FWL 1940 FNL	32.117600	-103.192480	32.117600	-103.192480
30025276640000	BETTIS BOYLE & STOVALL	JSTS-CHRSTMS GS UNT 1	3150	GAS	Plugged	2/8/1982	2/25/1982	25S	37E	20	790 FWL 2225 FNL	32.116810	-103.190320	32.116810	-103.190320
30025278370000	HARTMAN DOYLE	JUSTIS `BM` 11	3150	PLUGOIL	Plugged	12/1/1982	12/17/1982	25S	37E	20	2210 FEL 1980 FNL	32.117470	-103.182890	32.117470	-103.182890
30025278370001	HARTMAN DOYLE	JUSTIS `BM` 11	3150	GAS	Plugged	12/15/1982	12/17/1982	25S	37E	20	2210 FEL 1980 FNL	32.117470	-103.182890	32.117470	-103.182890
30025281140000	CIMAREX ENERGY CO OF COLORADO	RHODES FEDERAL UNIT #52	3607	PLUGGAS	Plugged	6/13/1983	7/21/1983	26S	37E	5	1980 FEL 660 FNL	32.077570	-103.182090	32.077570	-103.182090
30025281140001	CIMAREX ENERGY CO OF COLORADO	RHODES FEDERAL UNIT #52	3607	PLUGGAS	Plugged	3/6/1991	6/19/1991	26S	37E	5	1980 FEL 660 FNL	32.077570	-103.182090	32.077570	-103.182090
30025281290000	FAE II Operating LLC	RHODES FEDERAL UNIT #86	3700	GAS	RHODES; YATES-SEVEN RIVERS	8/30/1984	11/24/1984	26S	37E	8	1980 FWL 1980 FNL	32.059300	-103.186450	32.059300	-103.186450
30025281290001	FAE II Operating LLC	RHODES FEDERAL UNIT #86	3700	GAS	RHODES; YATES-SEVEN RIVERS	7/10/1998	8/7/1998	26S	37E	8	1980 FWL 1980 FNL	32.059300	-103.186450	32.059300	-103.186450
30025282890000	FAE II Operating LLC	M F LEGAL #5	3350	GAS	JALMAT; TAN-YATES-7 RVRS	7/29/1983	8/10/1983	25S	37E	31	330 FEL 330 FSL	32.080280	-103.193850	32.080280	-103.193850
30025285080000	LANEXCO INCORPORATED	EL PASO TOM FEDERAL #5	3210	GAS	JALMAT; TAN-YATES-7 RVRS	1/12/1984	3/4/1984	25S	37E	33	660 FWL 1650 FNL	32.089390	-103.173640	32.089390	-103.173640
30025285190000	FAE II Operating LLC	WINNINGHAM #8	4017	GAS	JALMAT; TAN-YATES-7 RVRS	12/26/1983	1/22/1984	25S	37E	19	1610 FEL 1160 FSL	32.111600	-103.198100	32.111600	-103.198100
30025286370000	FAE II Operating LLC	WINNINGHAM #9	3475	GAS	JALMAT; TAN-YATES-7 RVRS	9/19/1984	10/18/1984	25S	37E	30	1980 FEL 660 FNL	32.106600	-103.199300	32.106600	-103.199300
30025288050000	FAE II Operating LLC	B M JUSTIS #12	3680	TA	Plugged	9/6/1984	9/24/1984	25S	37E	20	120 FWL 1450 FNL	32.118950	-103.192470	32.118950	-103.192470
30025288050001	FAE II Operating LLC	B M JUSTIS #12	3680	TA	Plugged	6/5/2006	6/10/2006	25S	37E	20	120 FWL 1450 FNL	32.118950	-103.192470	32.118950	-103.192470
30025295290000	BURLESON LEWIS B INCORPORATED	NANCY FEDERAL 1	3400	PLUGGAS	Plugged	12/8/1985	1/21/1986	25S	37E	28	2310 FWL 990 FSL	32.096620	-103.168350	32.096620	-103.168350
30025295290001	BURLESON LEWIS B INCORPORATED	NANCY FEDERAL 1	3400	GAS	Plugged	4/4/1986	4/8/1986	25S	37E	28	2310 FWL 990 FSL	32.096620	-103.168350	32.096620	-103.168350
30025295390000	DC ENERGY LLC	GREGORY `A` 8	3535	PLUGOIL	Plugged	12/18/1985	1/2/1986	25S	37E	33	990 FEL 2310 FSL	32.085790	-103.161980	32.085790	-103.161980
30025295790000	FAE II Operating LLC	DABBS 3	3375	GAS	JALMAT; TAN-YATES-7 RVRS	8/29/1989	9/8/1989	25S	37E	34	660 FWL 990 FSL	32.082160	-103.156640	32.082160	-103.156640
30025295790001	FAE II Operating LLC	DABBS 3	3375	GAS	JALMAT; TAN-YATES-7 RVRS	8/29/1989	9/10/1989	25S	37E	34	660 FWL 990 FSL	32.082160	-103.156640	32.082160	-103.156640
30025306550000	FAE II Operating LLC	ARNOTT RAMSAY NCT-B #13	3159	OIL	JALMAT; TAN-YATES-7 RVRS	9/6/1989	9/22/1989	25S	37E	32	1980 FEL 990 FSL	32.082100	-103.182100	32.082100	-103.182100
30025313240000	CIMAREX ENERGY CO OF COLORADO	CAGLE C C 4	3100	PLUGGAS	Plugged	8/23/1991	9/30/1991	26S	37E	3	660 FWL 1980 FSL	32.070310	-103.156620	32.070310	-103.156620
30025313390000	FAE II Operating LLC	RHODES FEDERAL UNIT #53	3100	GAS	RHODES; YATES-SEVEN RIVERS	8/20/1991	9/20/1991	26S	37E	5	1980 FWL 1100 FNL	32.076350	-103.186390	32.076350	-103.186390
30025313400000	CIMAREX ENERGY CO OF COLORADO	RHODES GSU 26	3100	PLUGGAS	Plugged	8/27/1991	10/10/1991	26S	37E	8	1980 FWL 660 FNL	32.062930	-103.186440	32.062930	-103.186440
30025314630000	FAE II Operating LLC	RHODES FEDERAL UNIT #54	3100	GAS	RHODES; YATES-SEVEN RIVERS	11/25/1991	12/23/1991	26S	37E	5	1980 FWL 1930 FSL	32.070050	-103.186410	32.070050	-103.186410
30025316120000	FAE II Operating LLC	RHODES FEDERAL UNIT #62	3131	GAS	RHODES; YATES-SEVEN RIVERS	6/10/1992	7/10/1992	26S	37E	6	660 FEL 890 FSL	32.067200	-103.194940	32.067200	-103.194940
30025316140000	CIMAREX ENERGY CO OF COLORADO	C W SHEPHERD FEDERAL #2	3080	PLUGGAS	Plugged	6/16/1992	7/14/1992	26S	37E	6	660 FEL 1650 FNL	32.074840	-103.194920	32.074840	-103.194920
30025317890000	CIMAREX ENERGY CO OF COLORADO	FARNSWORTH `B` FEDE 1	3070	PLUGGAS	Plugged	5/28/1993	6/17/1993	26S	37E	7	660 FEL 990 FNL	32.062040	-103.194960	32.062040	-103.194960
30025317990000	FAE II Operating LLC	EL PASO TOM FEDERAL #8	3000	GAS	Plugged	3/3/1993	3/30/1993	25S	37E	33	660 FEL 660 FSL	32.081250	-103.160900	32.081250	-103.160900
30025341350000	TORA OIL & GAS LLC	MOBERLY H G `A` FED 3	4000	OIL	RHODES; YATES-SEVEN RIVERS	2/4/1998	1/21/1999	26S	37E	8	660 FEL 2310 FSL	32.056640	-103.177890	32.056640	-103.177890
30025343960000	FAE II Operating LLC	RHODES FEDERAL UNIT #415	3057	GAS	RHODES; YATES-SEVEN RIVERS	6/12/1998	8/4/1998	26S	37E	4	660 FWL 660 FSL	32.066560	-103.173660	32.066560	-103.173660
30025344500000	FAE II Operating LLC	CAGLE C #5	3498	GAS	JALMAT; TAN-YATES-7 RVRS	11/1/1999	1/17/2000	26S	37E	3	1980 FWL 990 FSL	32.067570	-103.152360	32.067570	-103.152360
30025344530000	FAE II Operating LLC	RHODES FEDERAL UNIT #55	3831	GAS	RHODES; YATES-SEVEN RIVERS	6/29/2001	7/29/2001	26S	37E	5	1980 FEL 1980 FNL	32.073940	-103.182120	32.073940	-103.182120
30025352230000	FAE II Operating LLC	SHOLES B 30 #3	3000	GAS	JALMAT; TAN-YATES-7 RVRS	1/5/2001	4/29/2001	25S	37E	30	815 FWL 1806 FNL	32.103460	-103.207220	32.103460	-103.207220
30025375140000	FAE II Operating LLC	RHODES FEDERAL UNIT #98	3377	OIL	RHODES; YATES-SEVEN RIVERS	11/21/2005	1/27/2006	26S	37E	9	1650 FEL 660 FNL	32.063010	-103.164070	32.063010	-103.164070
30025375530000	FAE II Operating LLC	RHODES FEDERAL UNIT #56	3990	GAS	RHODES; YATES-SEVEN RIVERS	1/22/2006	3/28/2006	26S	37E	5	660 FWL 660 FSL	32.066560	-103.190680	32.066560	-103.190680
30025376020000	FAE II Operating LLC	RHODES FEDERAL UNIT #87	3977	GAS	RHODES; YATES-SEVEN RIVERS	1/9/2006	3/16/2006	26S	37E	8	900 FWL 1850 FSL	32.055370	-103.189960	32.055370	-103.189960
30025433600000	OWL SWD OPERATING LLC	KIMBERLY SWD 1		SWD	SWD; DEVONIAN-SILURIAN			25S	37E	31	287 FEL 1450 FSL	32.083360	-103.193730	32.083360	-103.193730
SU_25S-37E_32BB	FAE II Operating LLC	ARNOTT RAMSAY NCT-B #18		LOC-INJ	Location-Injection			25S	37E	32	1115 FNL & 2495 FWL	32.090808	-103.184803	32.090808	-103.184803
SU_25S-37E_32CC	FAE II Operating LLC	ARNOTT RAMSAY NCT-B #14		LOC-INJ	Location-Injection			25S	37E	32	1060 FNL & 1160 FWL	32.090940	-103.189133	32.090940	-103.189133
SU_25S-37E_32FF	FAE II Operating LLC	ARNOTT RAMSAY NCT-B #15		LOC-INJ	Location-Injection			25S	37E	32	2455 FNL & 1195 FWL	32.087118	-103.188987	32.087118	-103.188987
SU_25S-37E_32GG	FAE II Operating LLC	ARNOTT RAMSAY NCT-B #16		LOC-INJ	Location-Injection			25S	37E	32	2625 FNL & 2630 FEL	32.086664	-103.184285	32.086664	-103.184285
SU_25S-37E_32II	FAE II Operating LLC	ARNOTT RAMSAY NCT-B #19		LOC-INJ	Location-Injection			25S	37E	32	1340 FSL & 1330 FEL	32.083079	-103.180047	32.083079	-103.180047
SU_25S-37E_32JJ	FAE II Operating LLC	ARNOTT RAMSAY NCT-B #17		LOC-INJ	Location-Injection			25S	37E	32	1350 FSL & 2635 FEL	32.083084	-103.184291	32.083084	-103.184291

FAE II Operating LLC
1/2 Mile Radius

UWI/API	OPERATOR	WELL LABEL	TD	WELL TYPE	CURRENT ZONE	Distance	SPUD DATE	COMP DATE	TOWNSHIP	RANGE	SECTION	FOOTAGE	NAD27-SURFLAT	NAD27-SURFLON	WGS84-SURFLAT	WGS84-SURFLON
30025269630000	FAE II Operating LLC	ARNOTT RAMSAY NCT-B #11	3473	LOC-INJ / TA	JALMAT; TAN-YATES-7 RVRS	0	11/21/1981	1/20/1982	25S	37E	32	990 FWL 1650 FSL	32.083910	-103.189610	32.084034	-103.190088
30025118640000	FAE II Operating LLC	ARNOTT RAMSAY NCT-B #1	3400	GAS	JALMAT; TAN-YATES-7 RVRS	926	4/28/1935	8/8/1935	25S	37E	32	330 FWL 990 FSL	32.082090	-103.191730	32.082214	-103.192208
SU_25S-37E_32FF	FAE II Operating LLC	ARNOTT RAMSAY NCT-B #15		LOC-INJ	Location-Injection	1083			25S	37E	32	2455 FNL & 1195 FWL	32.087118	-103.188987	32.087242	-103.189465
30025267570000	FAE II Operating LLC	ARNOTT RAMSAY NCT-B #9	3450	OIL	LANGLIE MATTIX; 7 RVRS-Q-GRAYBURG	1099	4/22/1980	5/28/1980	25S	37E	32	1980 FWL 1980 FSL	32.084820	-103.186420	32.084944	-103.186898
30025433600000	OWL SWD OPERATING LLC	KIMBERLY SWD 1		SWD	SWD; DEVONIAN-SILURIAN	1377			25S	37E	31	287 FEL 1450 FSL	32.083360	-103.193730	32.083484	-103.194208
30025262800000	FAE II Operating LLC	ARNOTT RAMSAY NCT-B #8	3630	OIL	JALMAT; TAN-YATES-7 RVRS	1397	4/26/1979	7/19/1979	25S	37E	32	1980 FWL 660 FSL	32.081190	-103.186390	32.081314	-103.186868
SU_25S-37E_32JJ	FAE II Operating LLC	ARNOTT RAMSAY NCT-B #17		LOC-INJ	Location-Injection	1784			25S	37E	32	1350 FSL & 2635 FEL	32.083084	-103.184291	32.083208	-103.184769
30025118570000	CIMAREX ENERGY CO OF COLORADO	M F LEGAL #2	3350	PLUGGAS	Plugged	1792	8/18/1951	9/30/1951	25S	37E	31	660 FEL 1980 FSL	32.084820	-103.194940	32.084944	-103.195418
30025269620000	FAE II Operating LLC	ARNOTT RAMSAY NCT-B #10	3400	OIL	JALMAT; TAN-YATES-7 RVRS	1840	9/5/1980	10/10/1980	25S	37E	32	1980 FWL 1980 FNL	32.088470	-103.186440	32.088594	-103.186918
30025282890000	FAE II Operating LLC	M F LEGAL #5	3350	GAS	JALMAT; TAN-YATES-7 RVRS	1850	7/29/1983	8/10/1983	25S	37E	31	330 FEL 330 FSL	32.080280	-103.193850	32.080404	-103.194328
30025118560000	BURLINGTON RESOURCES O&G CO LP	LEGAL 1	3254	PLUGGAS	Plugged	1977	12/11/1950	8/10/1951	25S	37E	31	660 FEL 660 FSL	32.081190	-103.194920	32.081314	-103.195398
SU_25S-37E_32GG	FAE II Operating LLC	ARNOTT RAMSAY NCT-B #16		LOC-INJ	Location-Injection	1987			25S	37E	32	2625 FNL & 2630 FEL	32.086664	-103.184285	32.086788	-103.184763
30025118550000	FULFER OIL & CATTLE COMPANY LLC	DYER 3	2977	GAS	JALMAT; TAN-YATES-7 RVRS	2299	6/26/1954	7/11/1954	25S	37E	31	330 FEL 1650 FNL	32.089360	-103.193900	32.089484	-103.194378
SU_25S-37E_32CC	FAE II Operating LLC	ARNOTT RAMSAY NCT-B #14		LOC-INJ	Location-Injection	2335			25S	37E	32	1060 FNL & 1160 FWL	32.090940	-103.189133	32.091064	-103.189611
30025262780000	FAE II Operating LLC	ARNOTT RAMSAY NCT-B #6	3600	OIL	LANGLIE MATTIX; 7 RVRS-Q-GRAYBURG	2500	4/6/1979	6/8/1979	25S	37E	32	1980 FEL 1980 FSL	32.084820	-103.182120	32.084944	-103.182598
30025306550000	FAE II Operating LLC	ARNOTT RAMSAY NCT-B #13	3159	OIL	JALMAT; TAN-YATES-7 RVRS	2560	9/6/1989	9/22/1989	25S	37E	32	1980 FEL 990 FSL	32.082100	-103.182100	32.082224	-103.182578

UWI/API	OPERATOR	WELL LABEL	TD	WELL TYPE	CURRENT ZONE	Distance	SPUD DATE	COMP DATE	TOWNSHIP	RANGE	SECTION	FOOTAGE	NAD27-SURFLAT	NAD27-SURFLON	WGS84-SURFLAT	WGS84-SURFLON
SU_25S-37E_32BB	FAE II Operating LLC	ARNOTT RAMSAY NCT-B #18		LOC-INJ	Location-Injection	0			25S	37E	32	1115 FNL & 2495 FWL	32.090808	-103.184803	32.090932	-103.185281
30025269620000	FAE II Operating LLC	ARNOTT RAMSAY NCT-B #10	3400	OIL	JALMAT; TAN-YATES-7 RVRS	946	9/5/1980	10/10/1980	25S	37E	32	1980 FWL 1980 FNL	32.088470	-103.186440	32.088594	-103.186918
SU_25S-37E_32GG	FAE II Operating LLC	ARNOTT RAMSAY NCT-B #16		LOC-INJ	Location-Injection	1384			25S	37E	32	2625 FNL & 2630 FEL	32.086664	-103.184285	32.086788	-103.184763
SU_25S-37E_32CC	FAE II Operating LLC	ARNOTT RAMSAY NCT-B #14		LOC-INJ	Location-Injection	1436			25S	37E	32	1060 FNL & 1160 FWL	32.090940	-103.189133	32.091064	-103.189611
30025118230000	AMERADA OLSEN & PEERLES	IMA HAYS 1	8576	DRY	Plugged	1723	11/29/1956	1/31/1957	25S	37E	29	1980 FWL 660 FSL	32.095730	-103.186480	32.095854	-103.186958
30025118340000	BURLESON LEWIS B INCORPORATED	JENKINS 3	3443	PLUGGAS	Plugged	1808	11/20/1951	5/12/1952	25S	37E	29	1980 FWL 760 FSL	32.096000	-103.186480	32.096124	-103.186958
30025118360000	AMERICAN INLAND RESOURCES COMPANY LLC	CROSBY A #1	3100	PLUGGAS	Plugged	1848	2/23/1929	10/24/1929	25S	37E	29	1980 FEL 660 FSL	32.095740	-103.182200	32.095864	-103.182678
SU_25S-37E_32FF	FAE II Operating LLC	ARNOTT RAMSAY NCT-B #15		LOC-INJ	Location-Injection	1849			25S	37E	32	2455 FNL & 1195 FWL	32.087118	-103.188987	32.087242	-103.189465
30025267570000	FAE II Operating LLC	ARNOTT RAMSAY NCT-B #9	3450	OIL	LANGLIE MATTIX; 7 RVRS-Q-GRAYBURG	2055	4/22/1980	5/28/1980	25S	37E	32	1980 FWL 1980 FSL	32.084820	-103.186420	32.084944	-103.186898
30025262780000	FAE II Operating LLC	ARNOTT RAMSAY NCT-B #6	3600	OIL	LANGLIE MATTIX; 7 RVRS-Q-GRAYBURG	2175	4/6/1979	6/8/1979	25S	37E	32	1980 FEL 1980 FSL	32.084820	-103.182120	32.084944	-103.182598
30025118630000	FAE II Operating LLC	ARNOTT RAMSAY NCT-B #3	8797	TA	TA	2384	10/26/1956	3/8/1957	25S	37E	32	600 FEL 660 FNL	32.092120	-103.177730	32.092244	-103.178208
30025118620000	CHEVRON U S A INCORPORATED	ARNOTT RAMSAY NCT B #2	3225	PLUGGAS	Plugged	2415	8/22/1955	10/9/1955	25S	37E	32	660 FEL 1980 FNL	32.088500	-103.177890	32.088624	-103.178368
30025261060000	FAE II Operating LLC	ARNOTT RAMSAY NCT-B #4	3600	SWD	SWD; SEVEN RIVERS-QUEEN	2429	12/27/1978	2/7/1979	25S	37E	32	330 FWL 330 FNL	32.092990	-103.191800	32.093114	-103.192278
SU_25S-37E_32JJ	FAE II Operating LLC	ARNOTT RAMSAY NCT-B #17		LOC-INJ	Location-Injection	2565			25S	37E	32	1350 FSL & 2635 FEL	32.083084	-103.184291	32.083208	-103.184769
30025262790000	HARTMAN DOYLE	ARNOTT RAMSAY NCT-B #7	3600	PLUGOIL	Plugged	2682	4/14/1979	7/11/1979	25S	37E	32	990 FEL 2130 FSL	32.085240	-103.178930	32.085364	-103.179408

UWI/API	OPERATOR	WELL LABEL	TD	WELL TYPE	CURRENT ZONE	Distance	SPUD DATE	COMP DATE	TOWNSHIP	RANGE	SECTION	FOOTAGE	NAD27-SURFLAT	NAD27-SURFLON	WGS84-SURFLAT	WGS84-SURFLON
SU_25S-37E_32CC	FAE II Operating LLC	ARNOTT RAMSAY NCT-B #14		LOC-INJ	Location-Injection	0			25S	37E	32	1060 FNL & 1160 FWL	32.090940	-103.189133	32.091064	-103.189611
30025261060000	FAE II Operating LLC	ARNOTT RAMSAY NCT-B #4	3600	SWD	SWD; SEVEN RIVERS-QUEEN	1115	12/27/1978	2/7/1979	25S	37E	32	330 FWL 330 FNL	32.092990	-103.191800	32.093114	-103.192278
30025269620000	FAE II Operating LLC	ARNOTT RAMSAY NCT-B #10	3400	OIL	JALMAT; TAN-YATES-7 RVRS	1211	9/5/1980	10/10/1980	25S	37E	32	1980 FWL 1980 FNL	32.088470	-103.186440	32.088594	-103.186918
SU_25S-37E_32FF	FAE II Operating LLC	ARNOTT RAMSAY NCT-B #15		LOC-INJ	Location-Injection	1268			25S	37E	32	2455 FNL & 1195 FWL	32.087118	-103.188987	32.087242	-103.189465
SU_25S-37E_32BB	FAE II Operating LLC	ARNOTT RAMSAY NCT-B #18		LOC-INJ	Location-Injection	1436			25S	37E	32	1115 FNL & 2495 FWL	32.090808	-103.184803	32.090932	-103.185281
30025118550000	FULFER OIL & CATTLE COMPANY LLC	DYER 3	2977	GAS	JALMAT; TAN-YATES-7 RVRS	1664	6/26/1954	7/11/1954	25S	37E	31	330 FEL 1650 FNL	32.089360	-103.193900	32.089484	-103.194378
30025118230000	AMERADA OLSEN & PEERLES	IMA HAYS 1	8576	DRY	Plugged	1815	11/29/1956	1/31/1957	25S	37E	29	1980 FWL 660 FSL	32.095730	-103.186480	32.095854	-103.186958
30025118310000	TEXAS PACIFIC OIL COMPANY	JENKINS 1	3174	PLUGOIL	Plugged	1816	12/5/1950	12/10/1951	25S	37E	29	330 FWL 660 FSL	32.095720	-103.191810	32.095844	-103.192288
30025118340000	BURLESON LEWIS B INCORPORATED	JENKINS 3	3443	PLUGGAS	Plugged	1893	11/20/1951	5/12/1952	25S	37E	29	1980 FWL 760 FSL	32.096000	-103.186480	32.096124	-103.186958
SU_25S-37E_32GG	FAE II Operating LLC	ARNOTT RAMSAY NCT-B #16		LOC-INJ	Location-Injection	2142			25S	37E	32	2625 FNL & 2630 FEL	32.086664	-103.184285	32.086788	-103.184763
30025267570000	FAE II Operating LLC	ARNOTT RAMSAY NCT-B #9	3450	OIL	LANGLIE MATTIX; 7 RVRS-Q-GRAYBURG	2219	4/22/1980	5/28/1980	25S	37E	32	1980 FWL 1980 FSL	32.084820	-103.186420	32.084944	-103.186898
30025118540000	FULFER OIL & CATTLE COMPANY LLC	DYER 2	3171	OIL	JALMAT; TAN-YATES-7 RVRS	2303	12/13/1952	1/3/1953	25S	37E	31	980 FEL 735 FNL	32.091880	-103.196020	32.092004	-103.196498
30025269630000	FAE II Operating LLC	ARNOTT RAMSAY NCT-B #11	3473	LOC-INJ / TA	JALMAT; TAN-YATES-7 RVRS	2335	11/21/1981	1/20/1982	25S	37E	32	990 FWL 1650 FSL	32.083910	-103.189610	32.084034	-103.190088
30025118450000	BURLINGTON RESOURCES O&G CO LP	WINNINGHAM 6	3191	PLUGOIL	Plugged	2506	4/6/1951	4/28/1951	25S	37E	30	660 FEL 660 FSL	32.095710	-103.195000	32.095834	-103.195478

UWI/API	OPERATOR	WELL LABEL	TD	WELL TYPE	CURRENT ZONE	Distance	SPUD DATE	COMP DATE	TOWNSHIP	RANGE	SECTION	FOOTAGE	NAD27-SURFLAT	NAD27-SURFLON	WGS84-SURFLAT	WGS84-SURFLON
SU_25S-37E_32FF	FAE II Operating LLC	ARNOTT RAMSAY NCT-B #15		LOC-INJ	Location-Injection	0			25S	37E	32	2455 FNL & 1195 FWL	32.087118	-103.188987	32.087242	-103.189465
30025269620000	FAE II Operating LLC	ARNOTT RAMSAY NCT-B #10	3400	OIL	JALMAT; TAN-YATES-7 RVRS	956	9/5/1980	10/10/1980	25S	37E	32	1980 FWL 1980 FNL	32.088470	-103.186440	32.088594	-103.186918
30025269630000	FAE II Operating LLC	ARNOTT RAMSAY NCT-B #11	3473	LOC-INJ / TA	JALMAT; TAN-YATES-7 RVRS	1083	11/21/1981	1/20/1982	25S	37E	32	990 FWL 1650 FSL	32.083910	-103.189610	32.084034	-103.190088
30025267570000	FAE II Operating LLC	ARNOTT RAMSAY NCT-B #9	3450	OIL	LANGLIE MATTIX; 7 RVRS-Q-GRAYBURG	1142	4/22/1980	5/28/1980	25S	37E	32	1980 FWL 1980 FSL	32.084820	-103.186420	32.084944	-103.186898
SU_25S-37E_32CC	FAE II Operating LLC	ARNOTT RAMSAY NCT-B #14		LOC-INJ	Location-Injection	1268			25S	37E	32	1060 FNL & 1160 FWL	32.090940	-103.189133	32.091064	-103.189611
SU_25S-37E_32GG	FAE II Operating LLC	ARNOTT RAMSAY NCT-B #16		LOC-INJ	Location-Injection	1565			25S	37E	32	2625 FNL & 2630 FEL	32.086664	-103.184285	32.086788	-103.184763
30025118550000	FULFER OIL & CATTLE COMPANY LLC	DYER 3	2977	GAS	JALMAT; TAN-YATES-7 RVRS	1790	6/26/1954	7/11/1954	25S	37E	31	330 FEL 1650 FNL	32.089360	-103.193900	32.089484	-103.194378
SU_25S-37E_32BB	FAE II Operating LLC	ARNOTT RAMSAY NCT-B #18		LOC-INJ	Location-Injection	1849			25S	37E	32	1115 FNL & 2495 FWL	32.090808	-103.184803	32.090932	-103.185281
30025118640000	FAE II Operating LLC	ARNOTT RAMSAY NCT-B #1	3400	GAS	JALMAT; TAN-YATES-7 RVRS	1898	4/28/1935	8/8/1935	25S	37E	32	330 FWL 990 FSL	32.082090	-103.191730	32.082214	-103.192208
30025433600000	OWL SWD OPERATING LLC	KIMBERLY SWD 1		SWD	SWD; DEVONIAN-SILURIAN	2005			25S	37E	31	287 FEL 1450 FSL	32.083360	-103.193730	32.083484	-103.194208

SU_25S-37E_32JJ	FAE II Operating LLC	ARNOTT RAMSAY NCT-B #17		LOC-INJ	Location-Injection	2052			25S	37E	32	1350 FSL & 2635 FEL	32.083084	-103.184291	32.083208	-103.184769
30025118570000	CIMAREX ENERGY CO OF COLORADO	M F LEGAL #2	3350	PLUGGAS	Plugged	2115	8/18/1951	9/30/1951	25S	37E	31	660 FEL 1980 FSL	32.084820	-103.194940	32.084944	-103.195418
30025262800000	FAE II Operating LLC	ARNOTT RAMSAY NCT-B #8	3630	OIL	JALMAT; TAN-YATES-7 RVRS	2145	4/26/1979	7/19/1979	25S	37E	32	1980 FWL 660 FSL	32.081190	-103.186390	32.081314	-103.186868
30025261060000	FAE II Operating LLC	ARNOTT RAMSAY NCT-B #4	3600	SWD	SWD; SEVEN RIVERS-QUEEN	2158	12/27/1978	2/7/1979	25S	37E	32	330 FWL 330 FNL	32.092990	-103.191800	32.093114	-103.192278
30025262780000	FAE II Operating LLC	ARNOTT RAMSAY NCT-B #6	3600	OIL	LANGLIE MATTIX; 7 RVRS-Q-GRAYBURG	2400	4/6/1979	6/8/1979	25S	37E	32	1980 FEL 1980 FSL	32.084820	-103.182120	32.084944	-103.182598

UWI/API	OPERATOR	WELL LABEL	TD	WELL TYPE	CURRENT ZONE	Distance	SPUD DATE	COMP DATE	TOWNSHIP	RANGE	SECTION	FOOTAGE	NAD27-SURFLAT	NAD27-SURFLON	WGS84-SURFLAT	WGS84-SURFLON
SU_25S-37E_32GG	FAE II Operating LLC	ARNOTT RAMSAY NCT-B #16		LOC-INJ	Location-Injection	0			25S	37E	32	2625 FNL & 2630 FEL	32.086664	-103.184285	32.086788	-103.184763
30025269620000	FAE II Operating LLC	ARNOTT RAMSAY NCT-B #10	3400	OIL	JALMAT; TAN-YATES-7 RVRS	932	9/5/1980	10/10/1980	25S	37E	32	1980 FWL 1980 FNL	32.088470	-103.186440	32.088594	-103.186918
30025267570000	FAE II Operating LLC	ARNOTT RAMSAY NCT-B #9	3450	OIL	LANGLIE MATTIX; 7 RVRS-Q-GRAYBURG	935	4/22/1980	5/28/1980	25S	37E	32	1980 FEL 1980 FSL	32.084820	-103.186420	32.084944	-103.186898
30025262780000	FAE II Operating LLC	ARNOTT RAMSAY NCT-B #6	3600	OIL	LANGLIE MATTIX; 7 RVRS-Q-GRAYBURG	942	4/6/1979	6/8/1979	25S	37E	32	1980 FEL 1980 FSL	32.084820	-103.182120	32.084944	-103.182598
SU_25S-37E_32JJ	FAE II Operating LLC	ARNOTT RAMSAY NCT-B #17		LOC-INJ	Location-Injection	1186			25S	37E	32	1350 FSL & 2635 FEL	32.083084	-103.184291	32.083208	-103.184769
SU_25S-37E_32BB	FAE II Operating LLC	ARNOTT RAMSAY NCT-B #18		LOC-INJ	Location-Injection	1384			25S	37E	32	1115 FNL & 2495 FWL	32.090808	-103.184803	32.090932	-103.185281
SU_25S-37E_32FF	FAE II Operating LLC	ARNOTT RAMSAY NCT-B #15		LOC-INJ	Location-Injection	1565			25S	37E	32	2455 FNL & 1195 FWL	32.087118	-103.188987	32.087242	-103.189465
30025306550000	FAE II Operating LLC	ARNOTT RAMSAY NCT-B #13	3159	OIL	JALMAT; TAN-YATES-7 RVRS	1677	9/6/1989	9/22/1989	25S	37E	32	1980 FEL 990 FSL	32.082100	-103.182100	32.082224	-103.182578
30025262790000	HARTMAN DOYLE	ARNOTT RAMSAY NCT-B #7	3600	PLUGOIL	Plugged	1836	4/14/1979	7/11/1979	25S	37E	32	990 FEL 2130 FSL	32.085240	-103.178930	32.085364	-103.179408
SU_25S-37E_32II	FAE II Operating LLC	ARNOTT RAMSAY NCT-B #19		LOC-INJ	Location-Injection	1840			25S	37E	32	1340 FSL & 1330 FEL	32.083079	-103.180047	32.083203	-103.180525
30025262800000	FAE II Operating LLC	ARNOTT RAMSAY NCT-B #8	3630	OIL	JALMAT; TAN-YATES-7 RVRS	1944	4/26/1979	7/19/1979	25S	37E	32	1980 FWL 660 FSL	32.081190	-103.186390	32.081314	-103.186868
30025269630000	FAE II Operating LLC	ARNOTT RAMSAY NCT-B #11	3473	LOC-INJ / TA	JALMAT; TAN-YATES-7 RVRS	1987	11/21/1981	1/20/1982	25S	37E	32	990 FWL 1650 FSL	32.083910	-103.189610	32.084034	-103.190088
SU_25S-37E_32CC	FAE II Operating LLC	ARNOTT RAMSAY NCT-B #14		LOC-INJ	Location-Injection	2142			25S	37E	32	1060 FNL & 1160 FWL	32.090940	-103.189133	32.091064	-103.189611
30025118620000	CHEVRON U S A INCORPORATED	ARNOTT RAMSAY NCT B #2	3225	PLUGGAS	Plugged	2205	8/22/1955	10/9/1955	25S	37E	32	660 FEL 1980 FNL	32.088500	-103.177890	32.088624	-103.178368
30025275510000	FAE II Operating LLC	ARNOTT RAMSAY NCT-B #12	3620	OIL	JALMAT; TAN-YATES-7 RVRS	2328	1/13/1982	3/18/1982	25S	37E	32	1480 FEL 500 FSL	32.080760	-103.180480	32.080884	-103.180958
30025261050000	HARTMAN DOYLE	ARNOTT RAMSAY NCT-B #5	3500	PLUGOIL	Plugged	2373	12/20/1978	1/19/1979	25S	37E	32	1650 FEL 330 FSL	32.080290	-103.181020	32.080414	-103.181498

UWI/API	OPERATOR	WELL LABEL	TD	WELL TYPE	CURRENT ZONE	Distance	SPUD DATE	COMP DATE	TOWNSHIP	RANGE	SECTION	FOOTAGE	NAD27-SURFLAT	NAD27-SURFLON	WGS84-SURFLAT	WGS84-SURFLON
SU_25S-37E_32II	FAE II Operating LLC	ARNOTT RAMSAY NCT-B #19		LOC-INJ	Location-Injection	0			25S	37E	32	1340 FSL & 1330 FEL	32.083079	-103.180047	32.083203	-103.180525
30025306550000	FAE II Operating LLC	ARNOTT RAMSAY NCT-B #13	3159	OIL	JALMAT; TAN-YATES-7 RVRS	754	9/6/1989	9/22/1989	25S	37E	32	1980 FEL 990 FSL	32.082100	-103.182100	32.082224	-103.182578
30025275510000	FAE II Operating LLC	ARNOTT RAMSAY NCT-B #12	3620	OIL	JALMAT; TAN-YATES-7 RVRS	782	1/13/1982	3/18/1982	25S	37E	32	1480 FEL 500 FSL	32.080760	-103.180480	32.080884	-103.180958
30025262790000	HARTMAN DOYLE	ARNOTT RAMSAY NCT-B #7	3600	PLUGOIL	Plugged	806	4/14/1979	7/11/1979	25S	37E	32	990 FEL 2130 FSL	32.085240	-103.178930	32.085364	-103.179408
30025262780000	FAE II Operating LLC	ARNOTT RAMSAY NCT-B #6	3600	OIL	LANGLIE MATTIX; 7 RVRS-Q-GRAYBURG	897	4/6/1979	6/8/1979	25S	37E	32	1980 FEL 1980 FSL	32.084820	-103.182120	32.084944	-103.182598
30025261050000	HARTMAN DOYLE	ARNOTT RAMSAY NCT-B #5	3500	PLUGOIL	Plugged	979	12/20/1978	1/19/1979	25S	37E	32	1650 FEL 330 FSL	32.080290	-103.181020	32.080414	-103.181498
SU_25S-37E_32JJ	FAE II Operating LLC	ARNOTT RAMSAY NCT-B #17		LOC-INJ	Location-Injection	1406			25S	37E	32	1350 FSL & 2635 FEL	32.083084	-103.184291	32.083208	-103.184769
SU_25S-37E_32GG	FAE II Operating LLC	ARNOTT RAMSAY NCT-B #16		LOC-INJ	Location-Injection	1840			25S	37E	32	2625 FNL & 2630 FEL	32.086664	-103.184285	32.086788	-103.184763
30025118620000	CHEVRON U S A INCORPORATED	ARNOTT RAMSAY NCT B #2	3225	PLUGGAS	Plugged	1933	8/22/1955	10/9/1955	25S	37E	32	660 FEL 1980 FNL	32.088500	-103.177890	32.088624	-103.178368
30025281140000	CIMAREX ENERGY CO OF COLORADO	RHODES FEDERAL UNIT #52	3607	PLUGGAS	Plugged	1947	6/13/1983	7/21/1983	26S	37E	5	1980 FEL 660 FNL	32.077570	-103.182090	32.077694	-103.182568
30025119550000	EL PASO NATURAL GAS COMPANY	SHEPARD-FEDERAL B 3	3290	PLUGGAS	Plugged	2161	1/14/1937	4/6/1937	26S	37E	5	990 FEL 990 FNL	32.076660	-103.178900	32.076784	-103.179378
30025267570000	FAE II Operating LLC	ARNOTT RAMSAY NCT-B #9	3450	OIL	LANGLIE MATTIX; 7 RVRS-Q-GRAYBURG	2189	4/22/1980	5/28/1980	25S	37E	32	1980 FWL 1980 FSL	32.084820	-103.186420	32.084944	-103.186898
30025262800000	FAE II Operating LLC	ARNOTT RAMSAY NCT-B #8	3630	OIL	JALMAT; TAN-YATES-7 RVRS	2193	4/26/1979	7/19/1979	25S	37E	32	1980 FWL 660 FSL	32.081190	-103.186390	32.081314	-103.186868
30025118810000	CIMAREX ENERGY CO OF COLORADO	EL PASO TOM FEDERAL #7	3214	PLUGOIL	Plugged	2215	9/12/1954	10/1/1954	25S	37E	33	660 FWL 1980 FSL	32.084840	-103.173600	32.084964	-103.174078
30025118740000	FAE II Operating LLC	R O GREGORY #3	3285	OIL	JALMAT; TAN-YATES-7 RVRS	2339	8/16/1960	10/4/1960	25S	37E	33	660 FWL 330 FSL	32.080300	-103.173560	32.080424	-103.174038

UWI/API	OPERATOR	WELL LABEL	TD	WELL TYPE	CURRENT ZONE	Distance	SPUD DATE	COMP DATE	TOWNSHIP	RANGE	SECTION	FOOTAGE	NAD27-SURFLAT	NAD27-SURFLON	WGS84-SURFLAT	WGS84-SURFLON
SU_25S-37E_32JJ	FAE II Operating LLC	ARNOTT RAMSAY NCT-B #17		LOC-INJ	Location-Injection	0			25S	37E	32	1350 FSL & 2635 FEL	32.083084	-103.184291	32.083208	-103.184769
30025306550000	FAE II Operating LLC	ARNOTT RAMSAY NCT-B #13	3159	OIL	JALMAT; TAN-YATES-7 RVRS	796	9/6/1989	9/22/1989	25S	37E	32	1980 FEL 990 FSL	32.082100	-103.182100	32.082224	-103.182578
30025267570000	FAE II Operating LLC	ARNOTT RAMSAY NCT-B #9	3450	OIL	LANGLIE MATTIX; 7 RVRS-Q-GRAYBURG	910	4/22/1980	5/28/1980	25S	37E	32	1980 FWL 1980 FSL	32.084820	-103.186420	32.084944	-103.186898
30025262780000	FAE II Operating LLC	ARNOTT RAMSAY NCT-B #6	3600	OIL	LANGLIE MATTIX; 7 RVRS-Q-GRAYBURG	921	4/6/1979	6/8/1979	25S	37E	32	1980 FEL 1980 FSL	32.084820	-103.182120	32.084944	-103.182598
30025262800000	FAE II Operating LLC	ARNOTT RAMSAY NCT-B #8	3630	OIL	JALMAT; TAN-YATES-7 RVRS	937	4/26/1979	7/19/1979	25S	37E	32	1980 FWL 660 FSL	32.081190	-103.186390	32.081314	-103.186868
SU_25S-37E_32GG	FAE II Operating LLC	ARNOTT RAMSAY NCT-B #16		LOC-INJ	Location-Injection	1186			25S	37E	32	2625 FNL & 2630 FEL	32.086664	-103.184285	32.086788	-103.184763
SU_25S-37E_32II	FAE II Operating LLC	ARNOTT RAMSAY NCT-B #19		LOC-INJ	Location-Injection	1406			25S	37E	32	1340 FSL & 1330 FEL	32.083079	-103.180047	32.083203	-103.180525
30025261050000	HARTMAN DOYLE	ARNOTT RAMSAY NCT-B #5	3500	PLUGOIL	Plugged	1426	12/20/1978	1/19/1979	25S	37E	32	1650 FEL 330 FSL	32.080290	-103.181020	32.080414	-103.181498
30025275510000	FAE II Operating LLC	ARNOTT RAMSAY NCT-B #12	3620	OIL	JALMAT; TAN-YATES-7 RVRS	1479	1/13/1982	3/18/1982	25S	37E	32	1480 FEL 500 FSL	32.080760	-103.180480	32.080884	-103.180958
30025269630000	FAE II Operating LLC	ARNOTT RAMSAY NCT-B #11	3473	LOC-INJ / TA	JALMAT; TAN-YATES-7 RVRS	1784	11/21/1981	1/20/1982	25S	37E	32	990 FWL 1650 FSL	32.083910	-103.189610	32.084034	-103.190088
30025262790000	HARTMAN DOYLE	ARNOTT RAMSAY NCT-B #7	3600	PLUGOIL	Plugged	1915	4/14/1979	7/11/1979	25S	37E	32	990 FEL 2130 FSL	32.085240	-103.178930	32.085364	-103.179408
30025269620000	FAE II Operating LLC	ARNOTT RAMSAY NCT-B #10	3400	OIL	JALMAT; TAN-YATES-7 RVRS	1922	9/5/1980	10/10/1980	25S	37E	32	1980 FWL 1980 FNL	32.088470	-103.186440	32.088594	-103.186918
30025281140000	CIMAREX ENERGY CO OF COLORADO	RHODES FEDERAL UNIT #52	3607	PLUGGAS	Plugged	1968	6/13/1983	7/21/1983	26S	37E	5	1980 FEL 660 FNL	32.077570	-103.182090	32.077694	-103.182568
SU_25S-37E_32FF	FAE II Operating LLC	ARNOTT RAMSAY NCT-B #15		LOC-INJ	Location-Injection	2052			25S	37E	32	2455 FNL & 1195 FWL	32.087118	-103.188987	32.087242	-103.189465
30025313390000	FAE II Operating LLC	RHODES FEDERAL UNIT #53	3100	GAS	RHODES; YATES-SEVEN RIVERS	2338	8/20/1991	9/20/1991	26S	37E	5	1980 FWL 1100 FNL	32.076350	-103.186390	32.076474	-103.186868
30025118640000	FAE II Operating LLC	ARNOTT RAMSAY NCT-B #1	3400	GAS	JALMAT; TAN-YATES-7 RVRS	2487	4/28/1935	8/8/1935	25S	37E	32	330 FWL 990 FSL	32.082090	-103.191730	32.082214	-103.192208
SU_25S-37E_32BB	FAE II Operating LLC	ARNOTT RAMSAY NCT-B #18		LOC-INJ	Location-Injection	2565			25S	37E	32	1115 FNL & 2495 FWL	32.090808	-103.184803	32.090932	-103.185281

HINKLE SHANOR LLP
ATTORNEYS AT LAW
PO BOX 2068
SANTA FE, NEW MEXICO 87504
505-982-4554 (FAX) 505-982-8623

hinklelawfirm.com

WRITER
Dana S. Hardy, Partner
dhardy@hinklelawfirm.com

February 10, 2020

VIA CERTIFIED MAIL

New Mexico State Land Office
Oil & Gas Division
310 Old Santa Fe Trail
Santa Fe, NM 87501

Re: FAE II Operating, LLC New Mexico Oil Conservation Division Application

Dear Sir or Madam:

Enclosed is a copy of an application that FAE II Operating, LLC ("FAE") has filed with the New Mexico Oil Conservation Division ("the Division"). FAE seeks authorization to implement the Arnott Ramsey Waterflood Project by injecting produced water into the Seven Rivers Formation. The Project area will be located on State lands and will include 640 acres, more or less, comprised of Section 32, Township 25 South, Range 37 East in Lea County. To implement the Project, FAE proposes to convert its Arnott Ramsay NCT-B #11 well from a producer to an injector and to complete the following injection wells within the Project area: Arnott Ramsay NCT-B #14, Arnott Ramsay NCT-B #15, Arnott Ramsay NCT-B #16, Arnott Ramsay NCT-B #17, Arnott Ramsay NCT-B #18, and Arnott Ramsay NCT-B #19. FAE also requests: (1) authorization to obtain administrative approval of additional injection wells within the Project area and expand the Project without the necessity of additional hearings; and (2) qualification of the Project for the Recovered Oil Tax Rate.

This matter (Division Case No. 21118) is scheduled for hearing at 8:15 a.m. on Thursday, March 5, 2020 in Porter Hall at the Division's offices located at 1220 South St. Francis Drive, Santa Fe, New Mexico 87505. The New Mexico State Land Office ("the State") is not required to attend this hearing, but as an owner of an interest that may be affected by FAE's application, it may appear at the hearing and present testimony. If the State does not appear at that time and become a party of record, it will be precluded from contesting the matter at a later date.

A party appearing in a Division case is required by the Division's Rules to file a Pre-Hearing Statement, which in this matter must be filed no later than Thursday, February 27, 2020. The Pre-Hearing Statement must be filed with the Division's Santa Fe office at the address above, and should include: the name of the party and the party's attorney; a concise statement of the case; the name(s) of the witness(es) the party will call to testify at the hearing; the approximate amount of time the party will need to present the party's case; and an identification of any procedural matters that need to be resolved prior to the hearing. The Pre-Hearing Statement must also be provided to me.

Thank you for your attention to this matter.

Very truly yours,

Dana S. Hardy

Enclosure

Case No. 21118
FAE II OPERATING
Exhibit #5

SENDER: COMPLETE THIS SECTION

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

1. Article Addressed to:

New Mexico State Land Office
Oil & Gas Division
310 Old Santa Fe Trail
Santa Fe, NM 87504

9590 9402 5554 9249 4932 52

2. Article Number *(Transfer from service label)*
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United States Dept. of the Interior
Bureau of Land Management
6251 College Blvd, Suite A
Farmington, NM 87402

9590 9402 5554 9249 4932 83

2. Article Number *(Transfer from service label)*
7019 2280 0001 9628 2452

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X ☐ Agent ☐ Addressee

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HUDSON 9/12

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If YES, enter delivery address below: ☐ No

3. Service Type
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PS Form 3811, July 2015 PSN 7530-02-000-9053 Domestic Return Receipt

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Street and Apt. No., P.O. Box 1224
City, State, ZIP+4® Jal, NM 88252

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

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Street and Apt. No. 9147 Briar Forest
City, State, ZIP+4® Houston, TX 77024

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

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
February 15, 2020
and ending with the issue dated
February 15, 2020.

Publisher

Sworn and subscribed to before me this 15th day of February 2020.

Business Manager

My commission expires
January 29, 2023
(Seal)

OFFICIAL SEAL
GUSSIE BLACK
Notary Public
State of New Mexico
My Commission Expires 1-29-23

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

LEGAL LEGAL

LEGAL NOTICE
FEBUARY 15, 2020

This is to notify all interested parties, including the Bureau of Land Management, Fulfer Oil & Cattle Company, LLC, Lanexco Incorporated, the New Mexico State Land Office, 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 (Case No. 21118) at 8:15 a.m. on March 5, 2020 in Porter Hall at 1220 South St. Francis Drive, Santa Fe, New Mexico. Applicant seeks authorization to implement the Arnott Ramsey Waterflood Project by injecting produced water into the Seven Rivers Formation. The Project area will be located on State lands and will include 640 acres, more or less, comprised of Section 32, Township 25 South, Range 37 East in Lea County. To implement the Project, Applicant proposes to convert its Arnott Ramsay NCT-B #11 well from a producer to an injector. The well is located in Unit L in Section 32, Township 25 South, Range 37 East and will have an injection interval of approximately 3,170 to 3,290 feet. Applicant also proposes to complete the following new injection wells within the Project area: (1) Arnott Ramsay NCT-B #14 well, which will be located in Unit D in Section 32, Township 25 South, Range 37 East and will have an injection interval of approximately 3,100 to 3,300 feet; (2) Arnott Ramsay NCT-B #15 well, which will be located in Unit E in Section 32, Township 25 South, Range 37 East and will have an injection interval of approximately 3,100 to 3,300 feet; (3) Arnott Ramsay NCT-B #16 well, which will be located in Unit G in Section 32, Township 25 South, Range 37 East and will have an injection interval of approximately 3,050 to 3,300 feet; (4) Arnott Ramsay NCT-B #17 well, which will be located in Unit J in Section 32, Township 25 South, Range 37 East and have an injection interval of approximately 3,050 to 3,300 feet; (5) Arnott Ramsay NCT-B #18 well, which will be located in Unit C in Section 32, Township 25 South, Range 37 East and have an injection interval of approximately 3,050 to 3,300 feet; and (6) Arnott Ramsay NCT-B #19 well, which will be located in Unit I in Section 32, Township 25 South, Range 37 East and have an injection interval of approximately 3,050 to 3,300 feet. The proposed maximum injection rate for the wells is 800 barrels per day at a maximum injection pressure of approximately 610 to 630 psi, depending on the depth of the well. Applicant also requests: (1) authorization to obtain administrative approval of additional injection wells within the Project area and expand the Project without the necessity of additional hearings; and (2) qualification of the Project for the Recovered Oil Tax Rate. The Project acreage is located approximately one-half mile South of Jal, New Mexico.
#35186

02107475 00239428

HINKLE,HENSLEY,SHANOR & MARTIN,LLP
PO BOX 2068
SANTA FE, NM 87504

Case No. 21118
FAE II OPERATING
Exhibit #6

I hereby certify that I have examined geologic and engineering data and find no evidence of open faults or any other hydrologic connection between the injection zone and any underground sources of drinking water.

Jessica LaMarro

3/1/2023

Date

Case No. 21118

FAE II OPERATING

Exhibit #7

Imperative Water Analysis Report

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

Case No. 21118
FAE II OPERATING
Exhibit #8

SYSTEM IDENTIFICATION

Company: Enervest Operating LLC
Location: Arnott Ramsey Battery
Sample Source: Surface Equipment Heater
Account Rep: Junior Garcia

Sample ID#: W-21619

Sample Date: 02-25-2020
Report Date: 02-26-2020

WATER CHEMISTRY

CATIONS

Calcium(as Ca)	227.10
Magnesium(as Mg)	3642
Barium(as Ba)	0.00
Strontium(as Sr)	0.00
Sodium(as Na)	29718
Potassium(as K)	240.20
Lithium(as Li)	22.56
Iron(as Fe)	1.67
Manganese(as Mn)	0.224

ANIONS

Chloride(as Cl)	27100
Sulfate(as SO_4)	6705
Dissolved CO_2(as CO_2)	150.00
Bicarbonate(as HCO_3)	41548
H_2S (as H_2S)	513.00
Boron(as B)	31.41

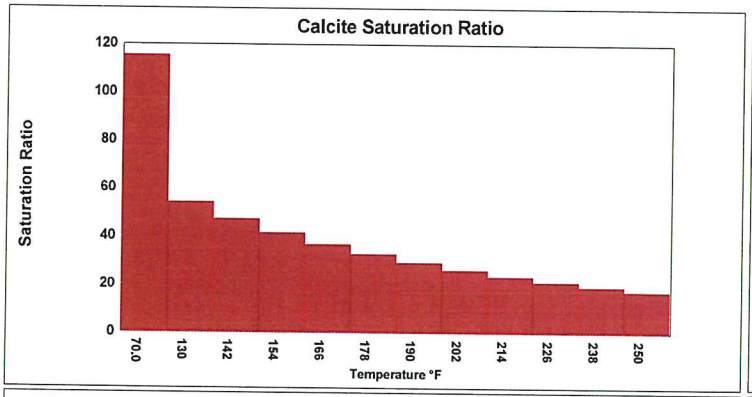
PARAMETERS

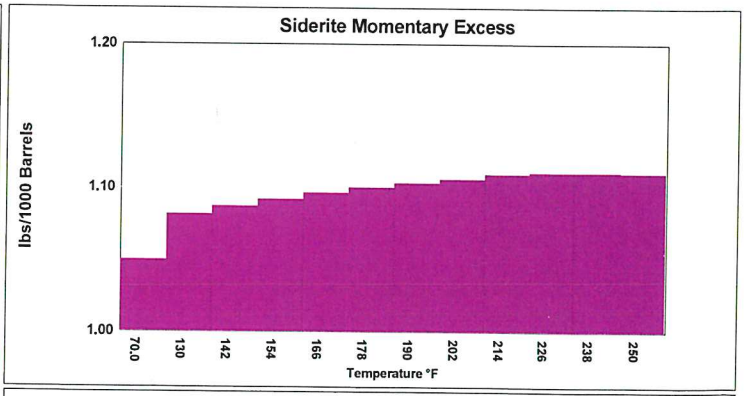
Temperature(^oF)	77.00	Sample pH	7.80
Conductivity	80677	Sp.Gr.(g/mL)	1.030
Resistivity	12.40	T.D.S.	114643

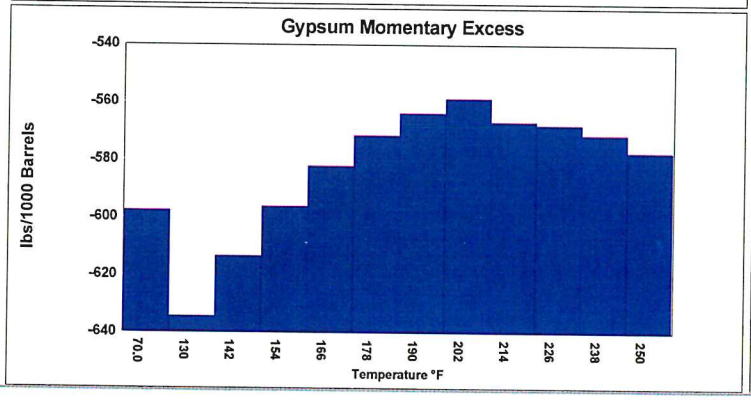
SCALE AND CORROSION POTENTIAL

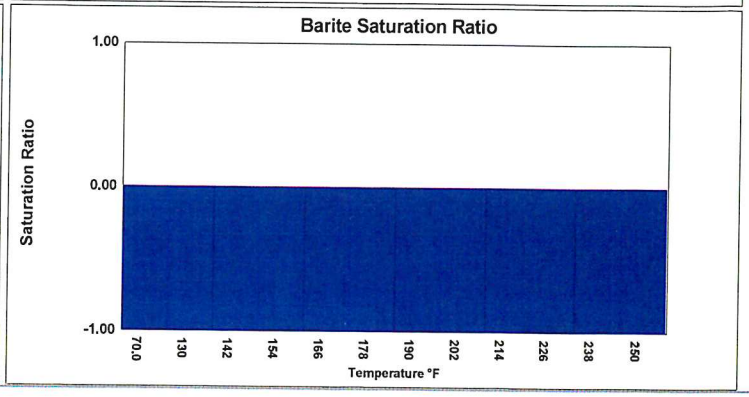
Temp. (^oF)	Press. (atm)	Calcite $CaCO_3$		Anhydrite $CaSO_4$		Gypsum $CaSO_4*2H_2O$		Barite $BaSO_4$		Celestite $SrSO_4$		Siderite $FeCO_3$		Mackinawite FeS		CO_2 (mpy)	pCO_2 (atm)
		xSAT	Lbs per 1000 Barrels	xSAT	Lbs per 1000 Barrels	xSAT	Lbs per 1000 Barrels	xSAT	Lbs per 1000 Barrels	xSAT	Lbs per 1000 Barrels	xSAT	Lbs per 1000 Barrels	xSAT	Lbs per 1000 Barrels		
70.00	1.000	115.27	65.14	0.0751	-780.49	0.116	-597.83	0.00	-0.00756	0.00	-14.47	2475	1.05	1960	0.148	0.195	0.505
130.00	10.000	54.10	55.49	0.0868	-637.60	0.100	-634.45	0.00	-0.0290	0.00	-15.87	1872	1.08	302.61	0.140	0.895	5.05
142.00	19.000	47.10	49.40	0.0954	-582.18	0.103	-613.56	0.00	-0.0371	0.00	-16.37	1772	1.09	219.51	0.138	0.910	9.59
154.00	28.000	41.37	42.94	0.107	-521.90	0.106	-596.30	0.00	-0.0472	0.00	-16.94	1684	1.09	161.50	0.136	1.02	14.13
166.00	37.000	36.58	37.19	0.123	-459.37	0.109	-582.36	0.00	-0.0597	0.00	-17.58	1603	1.10	120.25	0.134	1.09	18.68
178.00	46.000	32.56	32.35	0.143	-396.97	0.111	-571.66	0.00	-0.0754	0.00	-18.32	1530	1.10	90.58	0.131	1.06	23.22
190.00	55.000	29.14	28.29	0.170	-336.26	0.113	-563.83	0.00	-0.0947	0.00	-19.15	1460	1.10	68.90	0.128	0.565	27.76
202.00	64.000	26.18	24.90	0.204	-278.56	0.114	-558.71	0.00	-0.119	0.00	-20.08	1395	1.11	52.86	0.125	0.499	32.31
214.00	73.000	23.40	22.28	0.246	-229.71	0.114	-566.90	0.00	-0.151	0.00	-21.56	1311	1.11	39.45	0.120	0.611	36.85
226.00	82.000	21.11	19.83	0.303	-179.96	0.115	-567.88	0.00	-0.189	0.00	-22.81	1248	1.11	30.57	0.116	0.761	41.39
238.00	91.000	19.07	17.74	0.378	-134.93	0.115	-571.39	0.00	-0.235	0.00	-24.21	1186	1.11	23.83	0.112	0.963	45.94
250.00	100.000	17.24	15.94	0.475	-94.72	0.115	-577.47	0.00	-0.292	0.00	-25.78	1126	1.11	18.66	0.107	1.15	50.48

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









Imperative Water Analysis Report

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

SYSTEM IDENTIFICATION

Company: Oilfield Logistics
Location: Kim SWD
Sample Source: Tank Produced Water
Account Rep: Junior Garcia

Sample ID#: W-21607

Sample Date: 02-25-2020
Report Date: 02-26-2020

WATER CHEMISTRY

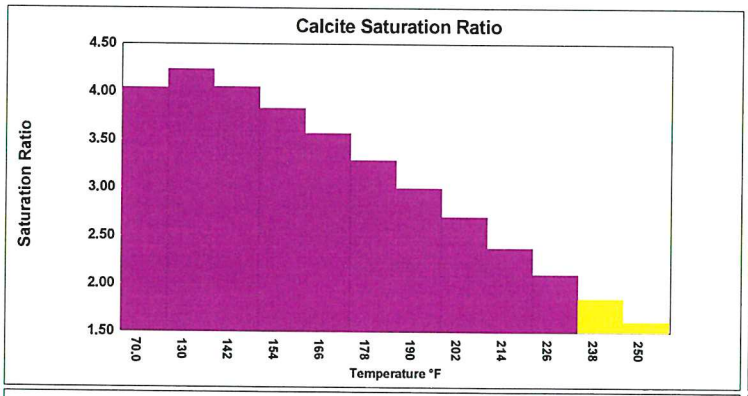
CATIONS		ANIONS	
Calcium(as Ca)	3483	Chloride(as Cl)	61500
Magnesium(as Mg)	424.20	Sulfate(as SO_4)	410.00
Barium(as Ba)	0.675	Dissolved CO_2(as CO_2)	260.00
Strontium(as Sr)	303.30	Bicarbonate(as HCO_3)	488.80
Sodium(as Na)	34727	H_2S (as H_2S)	58.00
Potassium(as K)	813.80	Boron(as B)	65.55
Lithium(as Li)	19.88		
Iron(as Fe)	22.34		
Manganese(as Mn)	0.254		

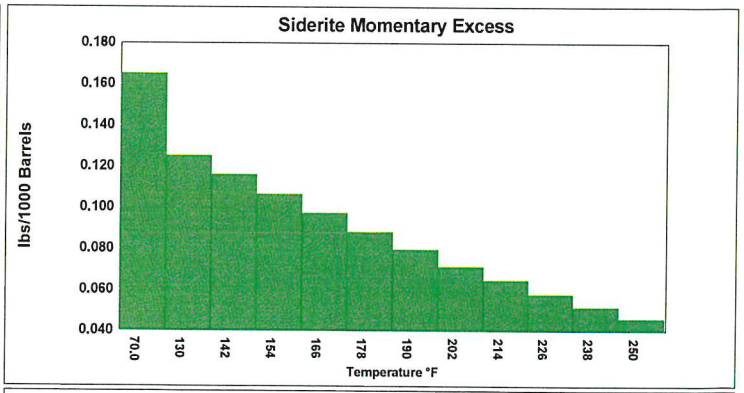
PARAMETERS			
Temperature(^{O}F)	77.00	Sample pH	6.68
Conductivity	117102	Sp.Gr.(g/mL)	1.070
Resistivity	8.54	T.D.S.	107953

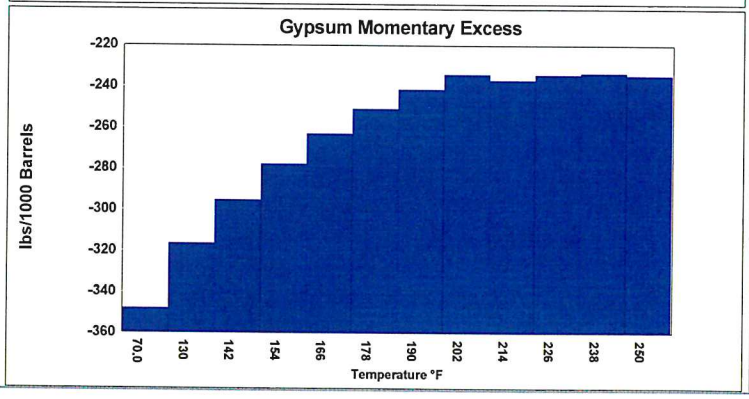
SCALE AND CORROSION POTENTIAL

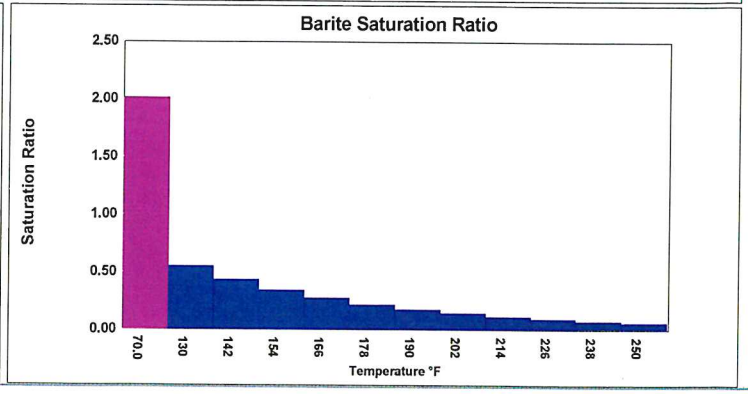
Temp.	Press.	Calcite $CaCO_3$		Anhydrite $CaSO_4$		Gypsum $CaSO_4*2H_2O$		Barite $BaSO_4$		Celestite $SrSO_4$		Siderite $FeCO_3$		Mackinawite FeS		CO_2	pCO_2
(^{O}F)	(atm)	xSAT	Lbs per 1000 Barrels	xSAT	Lbs per 1000 Barrels	xSAT	Lbs per 1000 Barrels	xSAT	Lbs per 1000 Barrels	xSAT	Lbs per 1000 Barrels	xSAT	Lbs per 1000 Barrels	xSAT	Lbs per 1000 Barrels	(mpy)	(atm)
70.00	1.000	4.04	0.112	0.153	-489.43	0.230	-348.39	2.01	0.215	0.583	-54.11	25.16	0.165	100.42	2.23	0.0502	0.0608
130.00	10.000	4.23	0.0846	0.195	-332.37	0.225	-316.70	0.546	-0.354	0.552	-55.64	39.17	0.125	38.65	2.00	0.286	0.608
142.00	19.000	4.05	0.0772	0.216	-287.37	0.234	-295.59	0.430	-0.564	0.539	-57.42	40.50	0.116	31.47	1.95	0.326	1.16
154.00	28.000	3.82	0.0695	0.244	-241.73	0.241	-277.89	0.340	-0.823	0.524	-59.53	41.22	0.106	25.45	1.89	0.386	1.70
166.00	37.000	3.57	0.0618	0.281	-197.42	0.248	-263.16	0.271	-1.14	0.509	-61.94	41.35	0.0970	20.45	1.82	0.432	2.25
178.00	46.000	3.29	0.0541	0.329	-155.98	0.254	-251.13	0.217	-1.52	0.493	-64.72	40.90	0.0879	16.33	1.75	0.427	2.80
190.00	55.000	2.99	0.0467	0.390	-118.36	0.258	-241.54	0.174	-1.99	0.476	-67.90	39.95	0.0792	12.98	1.67	0.224	3.34
202.00	64.000	2.70	0.0397	0.469	-85.07	0.261	-234.21	0.140	-2.56	0.458	-71.50	38.60	0.0711	10.28	1.58	0.192	3.89
214.00	73.000	2.38	0.0332	0.563	-59.07	0.260	-237.03	0.112	-3.30	0.433	-78.07	36.42	0.0645	7.85	1.46	0.241	4.44
226.00	82.000	2.10	0.0269	0.690	-33.95	0.260	-234.33	0.0907	-4.15	0.413	-82.95	34.46	0.0576	6.17	1.35	0.298	4.99
238.00	91.000	1.85	0.0210	0.856	-12.78	0.260	-233.52	0.0737	-5.16	0.394	-88.36	32.38	0.0514	4.84	1.23	0.363	5.53
250.00	100.000	1.61	0.0155	1.07	4.78	0.258	-234.69	0.0600	-6.37	0.374	-94.46	30.21	0.0458	3.79	1.09	0.422	6.08

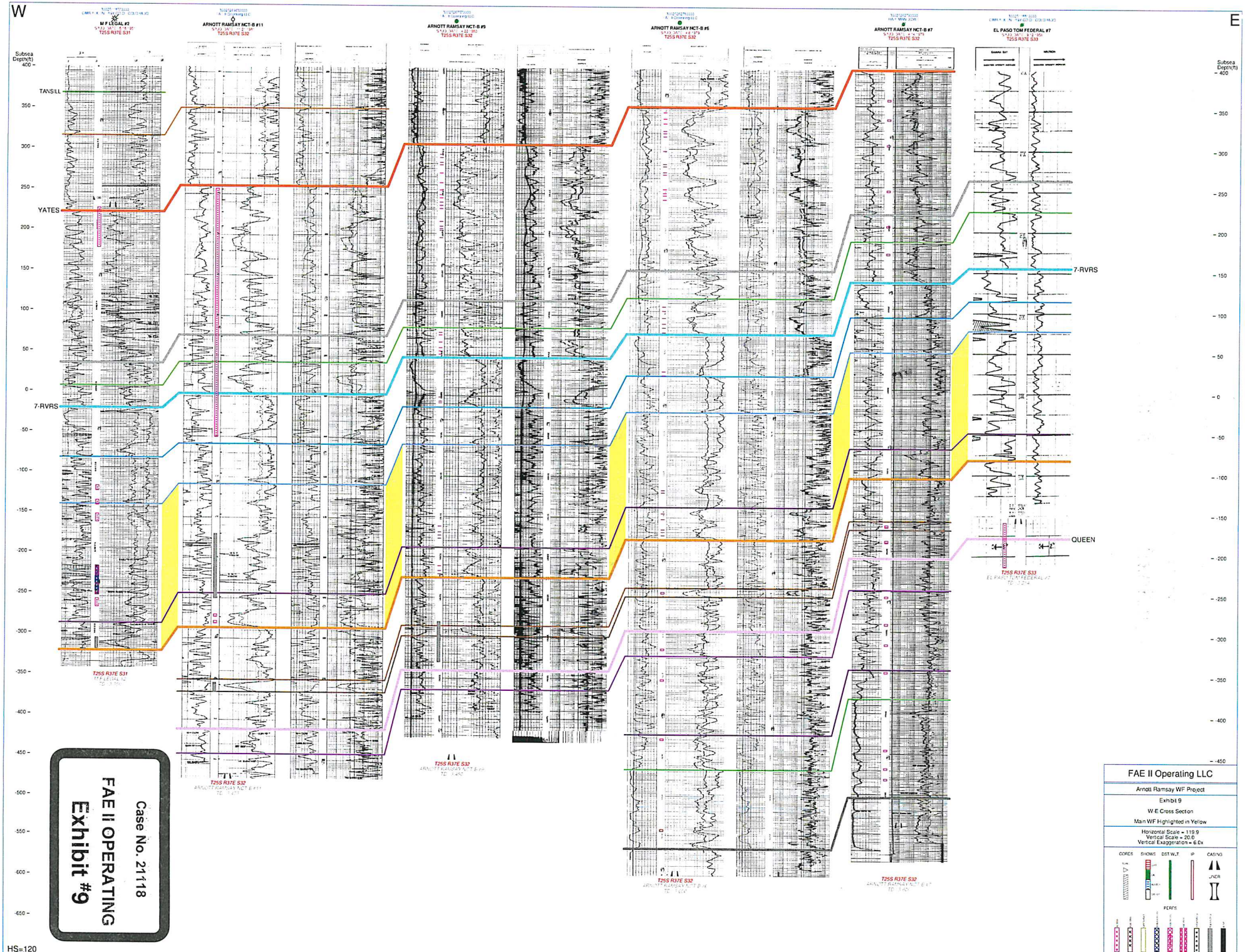
Saturation Ratios (xSAT) are the ratio of ion activity to solubility, e.g. $\{Ca\}\{CO_3\}/K_{sp}$. pCO_2 (atm) is the partial pressure of CO_2 in the gas phase.
Lbs/1000 Barrels scale is the quantity of precipitation (or dissolution) required to instantaneously bring the water to equilibrium.









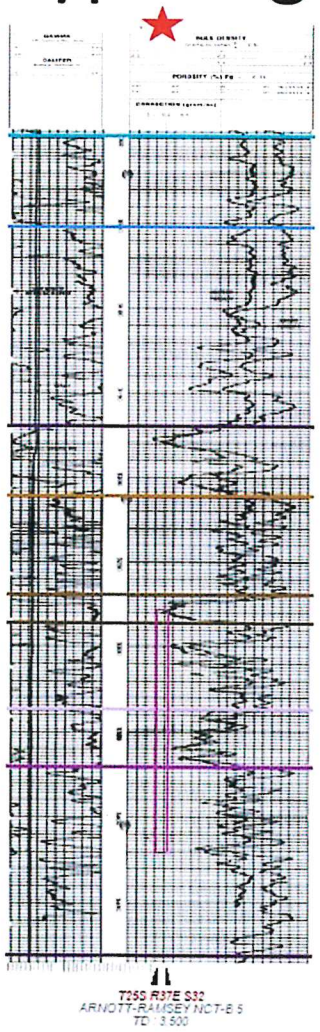

W
E
M F LEGAL #2
T25S R37E S31
ARNOTT RAMSAY NCT-B #11
T25S R37E S32
ARNOTT RAMSAY NCT-B #9
T25S R37E S32
ARNOTT RAMSAY NCT-B #6
T25S R37E S32
ARNOTT RAMSAY NCT-B #7
T25S R37E S32
EL PASO TOM FEDERAL #7
T25S R37E S33
Subsea Depth(ft)
TANSILL
YATES
7-RVRS
QUEEN
T25S R37E S31
T25S R37E S32
T25S R37E S32
T25S R37E S32
T25S R37E S32
T25S R37E S33
HS=120
Case No. 21118
FAE II OPERATING
Exhibit #9
FAE II Operating LLC
Arnott Ramsay WF Project
Exhibit 9
W-E Cross Section
Main WF Highlighted in Yellow
Horizontal Scale = 119.9
Vertical Scale = 20.0
Vertical Exaggeration = 6.0x
CORES
SHOWS
DST W.T
IP
CASING
PERFS
March 6 2020 12:14 PM

Case No. 21118

FAE II OPERATING

Exhibit #10

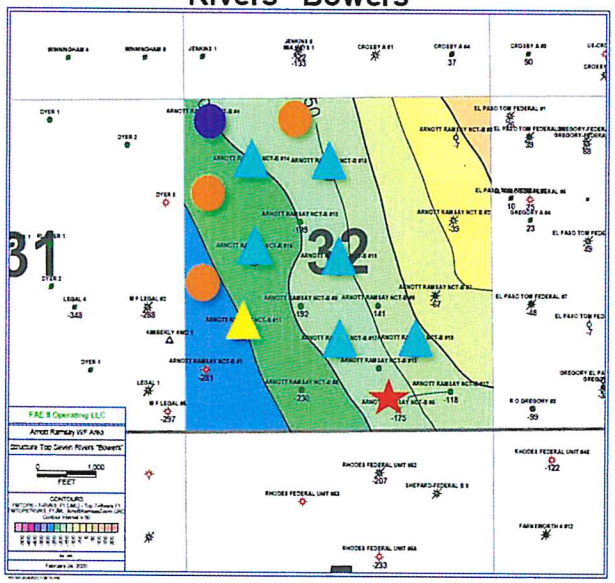
Type Log and Waterflood Interval



Proposed Waterflood Interval (3,051' – 3,420')

- Type log: Arnott-Ramsey NCT-B 5
  - Shown in red star on the structure map
- The proposed Seven Rivers waterflood interval 3,051' – 3,420'

Structure Top Seven Rivers "Bowers"



Case No. 21118
FAE II OPERATING
Exhibit #11

FAE II Operating, LLC conducted a search of New Mexico Oil Conservation Division records and did not identify any open and active releases or incidents related to wells within the Project Area. FAE II Operating, LLC did identify several open incidents involving pipeline facilities that are unrelated to FAE II Operating, LLC's assets or activities within the Project Area.