

INJECTION WELL DATA SHEET

OPERATOR	<u>Apache Corporation</u>	LEASE	<u>Northeast Drinkard Unit (Livingston # 13)</u>		
WELL NO.	<u>202</u>	<u>3330' FNL & 467' FEL</u>	<u>I</u>	<u>4</u>	<u>21S</u>
		FOOTAGE LOCATION	UNIT	SECTION	TOWNSHIP
					<u>37E</u>
					RANGE

Well Construction Data

Surface Casing

Size	<u>13-3/8</u>	Cemented with	<u>935 sx</u>
TOC	<u>Surface</u>	feet determined by	<u>Circulation</u>
Hole Size	<u>17-1/2</u>		

Intermediate Casing

Size	<u>9-5/8</u>	Cemented with	<u>1200 sx</u>
TOC	<u>806</u>	feet determined by	<u>Calculated</u>
Hole Size	<u>12-1/4</u>		

Long String

Size	<u>7</u>	Cemented with	<u>1720 sx</u>
TOC	<u>Surface</u>	feet determined by	<u>Circulation</u>
Hole Size	<u>8-3/4</u>		

Total Depth 8156

Injection Interval

5620 feet to 6840 feet **Perforated**
 (perforated or open-hole; indicate which)

Tubing Size 2-3/8 lined with IPC set in a
 (type of internal coating)
7" Baker Lok-Set packer at 5520 feet

Other type of tubing / casing seal if applicable _____

Other Data

1. Is this a new well drilled for injection? ☐ Yes ☒ No
 If no, for what purpose was the well originally drilled? Fusselman Producer

2. Name of the Injection formation Blinebry - Tubb - Drinkard

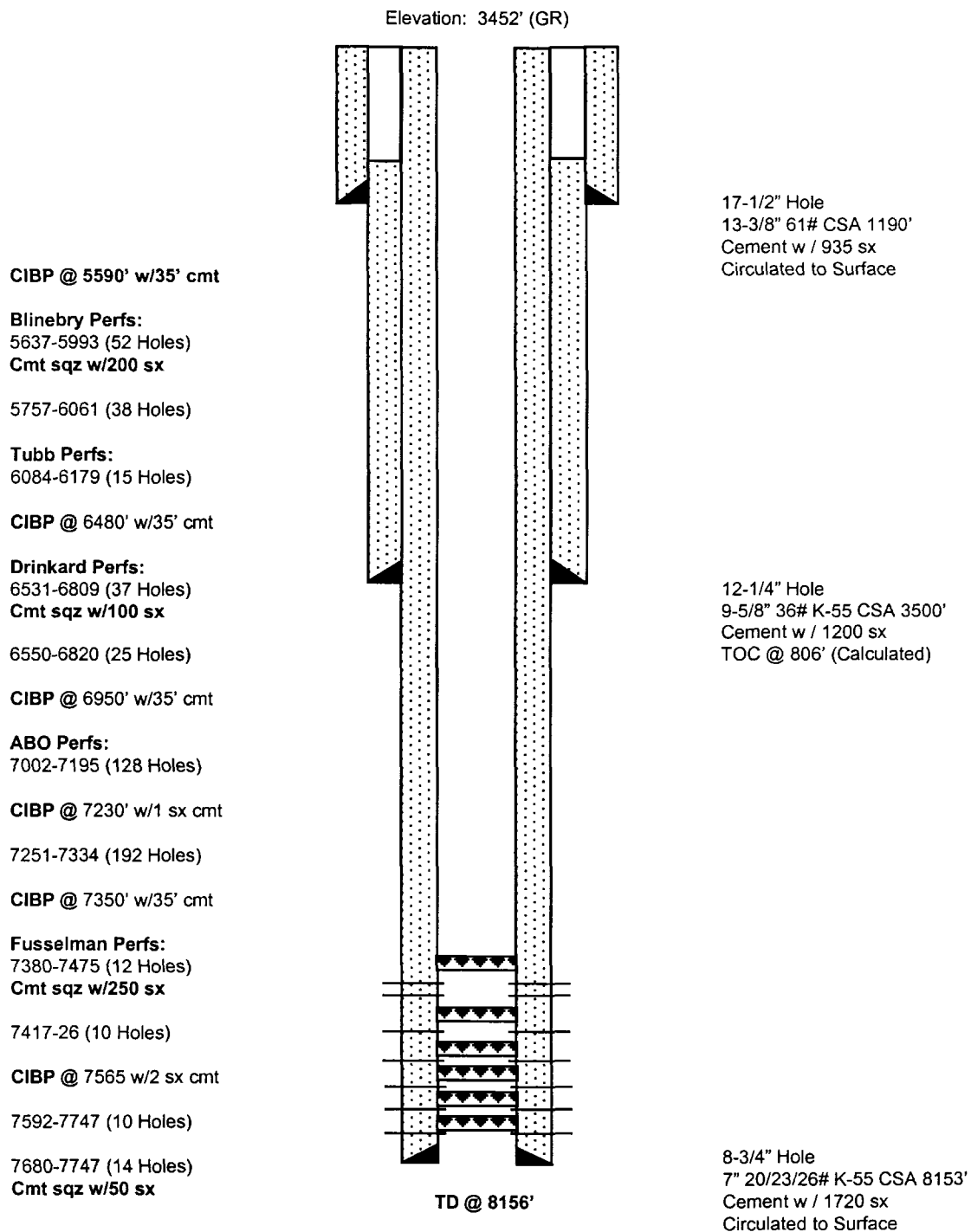
3. Name of Field or Pool (if applicable) Eunice N., Blinebry-Tubb-Drinkard

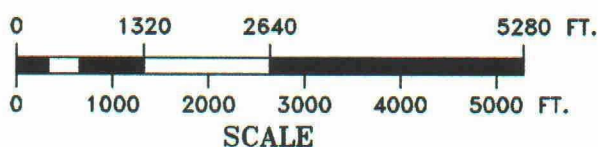
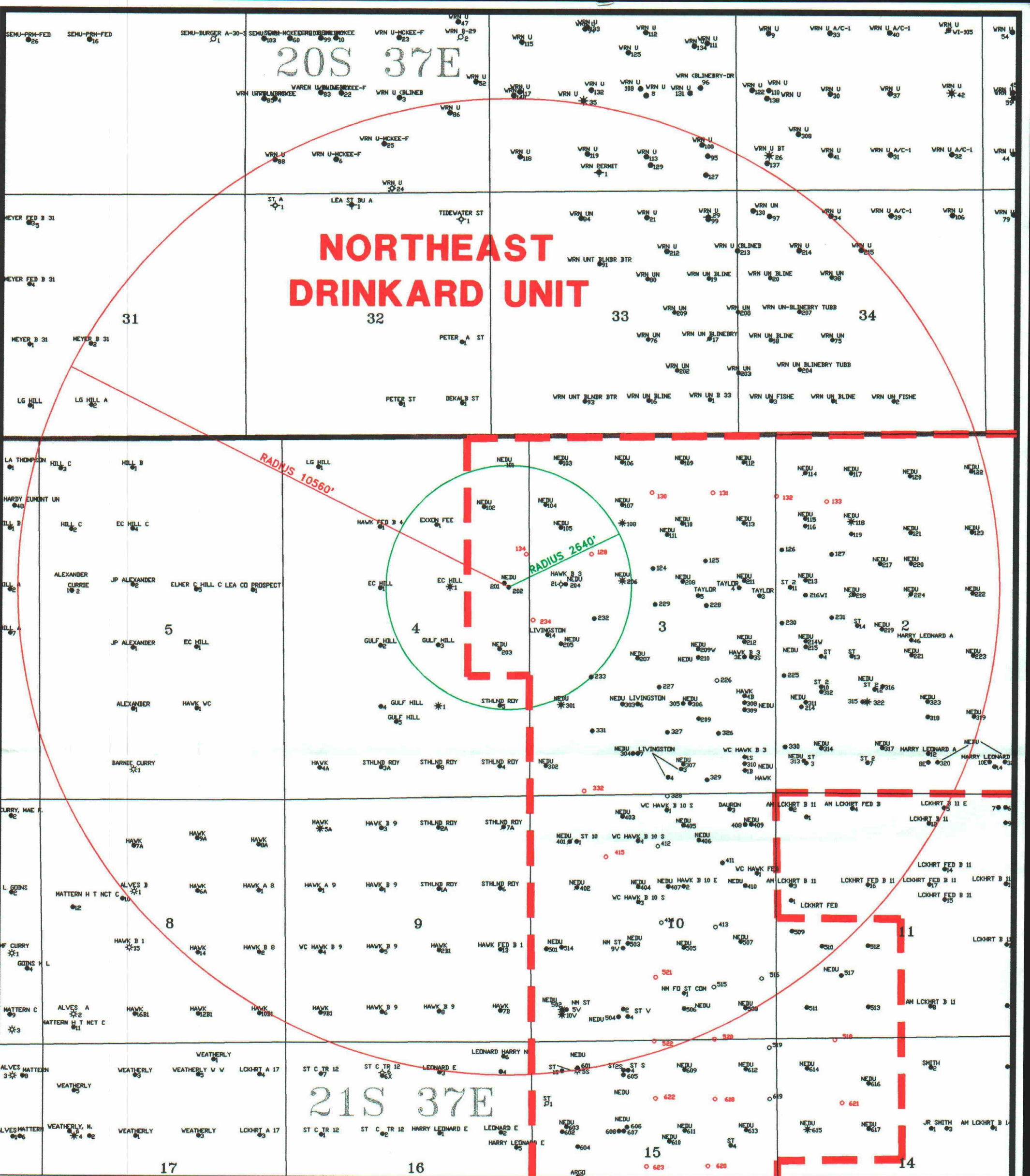
4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e., sacks of cement or plug(s) used.
Fusselman 7680-7747 Cmt sqz w/50 sx;
7592-7623 CIBP @ 7565' w/2 sx; 7380-7475 Cmt sqz w/250 sx; 7417-26 CIBP @ 7350' w/35' cmt;
ABO 7251-7334 CIBP @ 7230' w/1 sx; 7002-7195 CIBP @ 6950 w/ 35' cmt; Drinkard 6550-6820 CIBP @
6480' w/ 35' cmt; 6531-6809 Cmt sqz w/100 sx; Tubb 6084-6179 *CIBP @ 5590' w/ 35' cmt;
Blinebry 5637-5993 Cmt sqz w/ 200 sx; 5757-6061 *CIBP @ 5590' w/ 35' cmt

5. Give the names and depths of any over or underlying oil or gas zones (pools) in this area.

Well: Northeast Drinkard Unit # 202
Field: Eunice N. Blinebry-Tubb-Drinkard
Location: 3330' FNL & 467' FEL
Unit I, Sec. 4, T21S, R37E
Lea County, New Mexico
API #: 30-025-26990

Current Status: TA'd Oil





NEDU AREA
LEA COUNTY, NEW MEXICO

CONVERSIONS
Injection Well Permitting
Well #: 202

DATE: 02/3/99	REVISED: 00/00/99	GEOLOGIST: B. USZYNSKI
J:\PER\NEDU\INJ202.DWG	DRAFTED BY: HGS	LANDMAN: T. CUSTER

INJECTION WELL DATA SHEET

OPERATOR	<u>Apache Corporation</u>	LEASE	<u>Northeast Drinkard Unit (Livingston # 5)</u>		
WELL NO.	<u>302</u>	<u>660' FSL & 330' FWL</u>	<u>U</u>	<u>3</u>	<u>21S</u>
		FOOTAGE LOCATION	UNIT	SECTION	TOWNSHIP
					<u>37E</u>
					RANGE

Well Construction Data

Surface Casing

Size 13-3/8 Cemented with 250 sx

TOC Surface feet determined by Circulation

Hole Size 17-1/2

Intermediate Casing

Size 8-5/8 Cemented with 2640 sx

TOC Surface feet determined by Circulated (Bradenhead Squeeze)

Hole Size 11

Long String

Size 5-1/2 Liner Cemented with 700 sx

TOC 2953 feet determined by Top of Liner

Hole Size 7-7/8

Total Depth 6690

Injection Interval

5620 feet to 6690 feet **Perforated**
(perforated or open-hole; indicate which)

Tubing Size 2-3/8 lined with IPC set in a
(type of internal coating)
5-1/2" Baker Lok-Set packer at 5520 feet

Other type of tubing / casing seal if applicable _____

Other Data

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

If no, for what purpose was the well originally drilled? Blinebry-Drinkard Producer

2. Name of the Injection formation Blinebry - Tubb - Drinkard

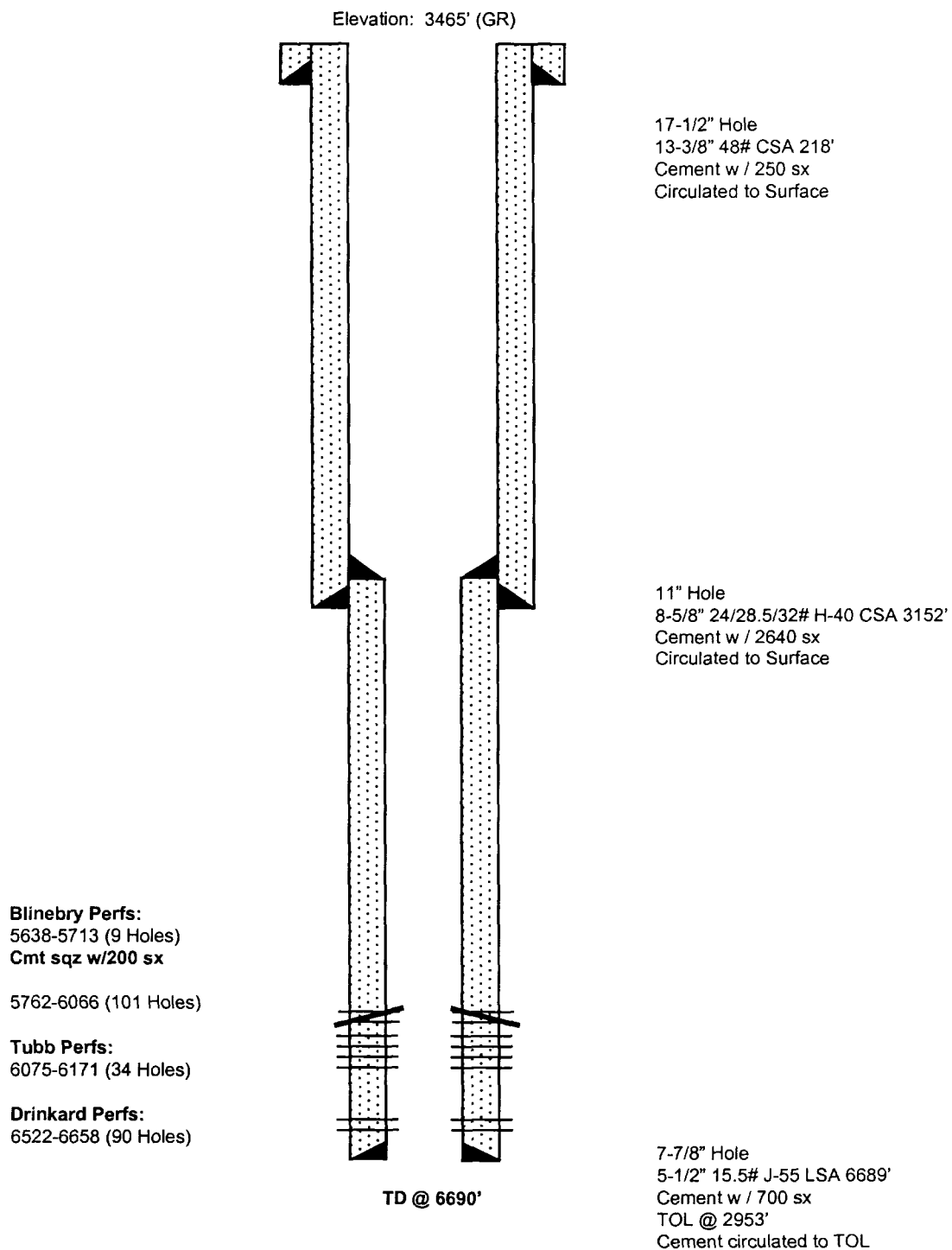
3. Name of Field or Pool (if applicable) Eunice N., Blinebry-Tubb-Drinkard

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e., sacks of cement or plug(s) used. Blinebry 5638-5713 Cmt sqz w/ 200 sx

5. Give the names and depths of any over or underlying oil or gas zones (pools) in this area.

Well: Northeast Drinkard Unit # 302
Field: Eunice N. Blinebry-Tubb-Drinkard
Location: 660' FSL & 330' FWL
Unit U, Sec. 3, T21S, R37E
Lea County, New Mexico
API #: 30-025-06516

Current Status: Active Oil



**NORTHEAST
DRINKARD UNIT**



NEDU AREA
LEA COUNTY, NEW MEXICO

CONVERSIONS

Injection Well Permitting

Well #: 302

DATE: 02/3/99	REVISED: 00\00\99	GEOL : B. USZYNSKI
J:\PER\NEDU\INJ302.DWG	DRAFTED BY: HGS	LANDMAN: T. CUSTER

INJECTION WELL DATA SHEET

OPERATOR	<u>Apache Corporation</u>	LEASE	<u>Northeast Drinkard Unit (State 10 # 2)</u>		
WELL NO.	<u>402</u>	<u>1980' FNL & 990' FWL</u>	<u>E</u>	<u>10</u>	<u>21S</u>
		FOOTAGE LOCATION	UNIT	SECTION	TOWNSHIP
					<u>37E</u>
					RANGE

Well Construction Data

Surface Casing

Size	<u>10-3/4</u>	Cemented with	<u>250 sx</u>
TOC	<u>Surface</u>	feet determined by	<u>Circulation</u>
Hole Size	<u>13-3/8</u>		

Intermediate Casing

Size	<u>7-5/8</u>	Cemented with	<u>1280 sx</u>
TOC	<u>Surface</u>	feet determined by	<u>Circulation</u>
Hole Size	<u>9-5/8</u>		

Long String

Size	<u>5-1/2</u>	Cemented with	<u>494 sx</u>
TOC	<u>3180</u>	feet determined by	<u>Temp Survey</u>
Hole Size	<u>7</u>		

Total Depth 8158

Injection Interval

5560 feet to 6770 feet **Perforated**
 (perforated or open-hole; indicate which)

Tubing Size 2-3/8 lined with IPC set in a
 (type of internal coating)
5-1/2" Baker Lok-Set packer at 5460 feet

Other type of tubing / casing seal if applicable _____

Other Data

1. Is this a new well drilled for injection? ☐ Yes ☒ No
 If no, for what purpose was the well originally drilled? McKee Producer

2. Name of the Injection formation Blinebry - Tubb - Drinkard

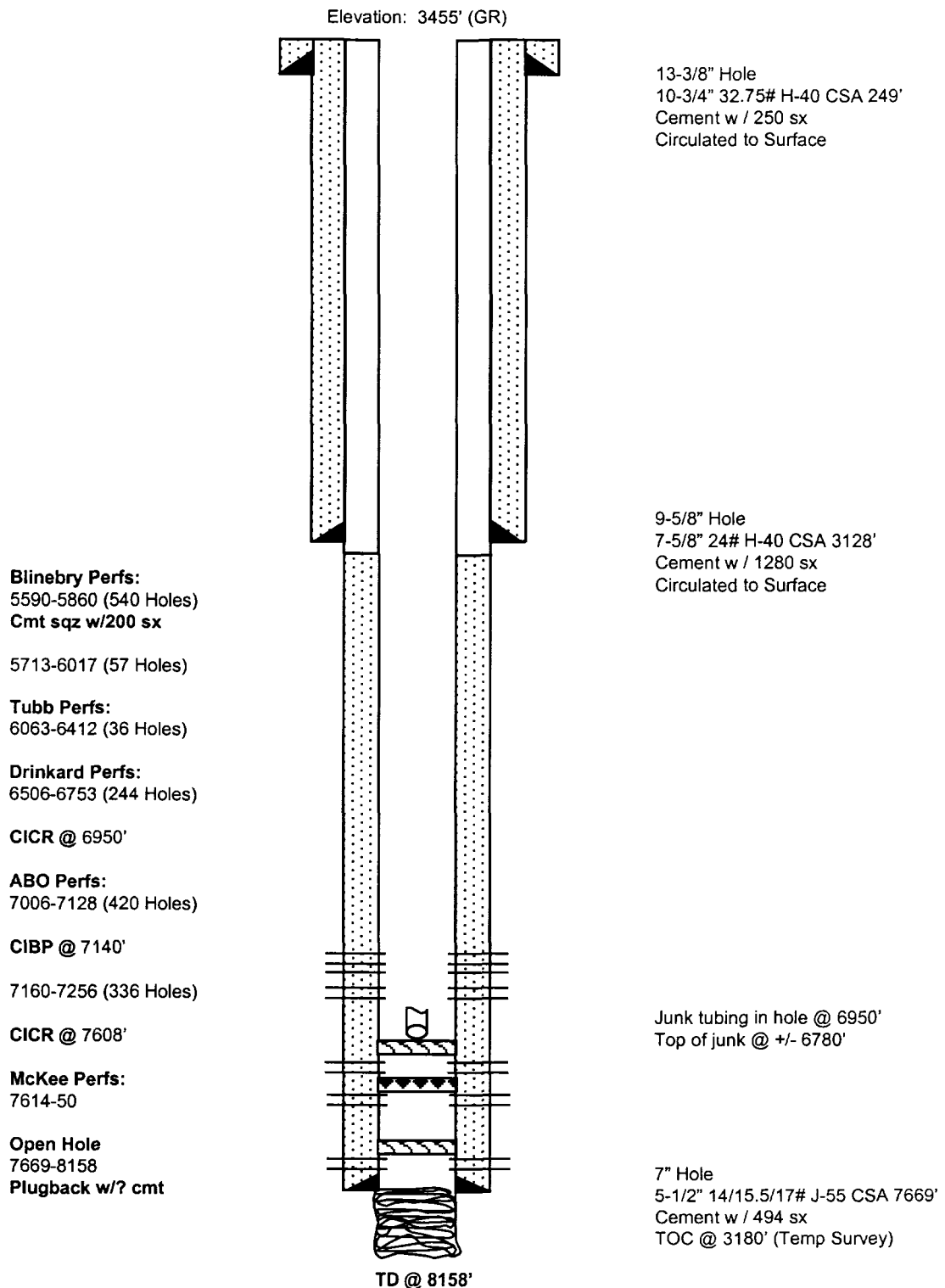
3. Name of Field or Pool (if applicable) Eunice N., Blinebry-Tubb-Drinkard

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e., sacks of cement or plug(s) used. McKee 7669-8158 Cmt Plugback w/ Unknown sx of cmt; 7614-50 CICR @ 7608'; ABO 7160-7256 CIBP @ 7140'; 7006-7128 CICR @ 6950' & cmt sqz w/ 100 sx Blinebry 5590-5860 Cmt sqz w/ 200 sx

5. Give the names and depths of any over or underlying oil or gas zones (pools) in this area.

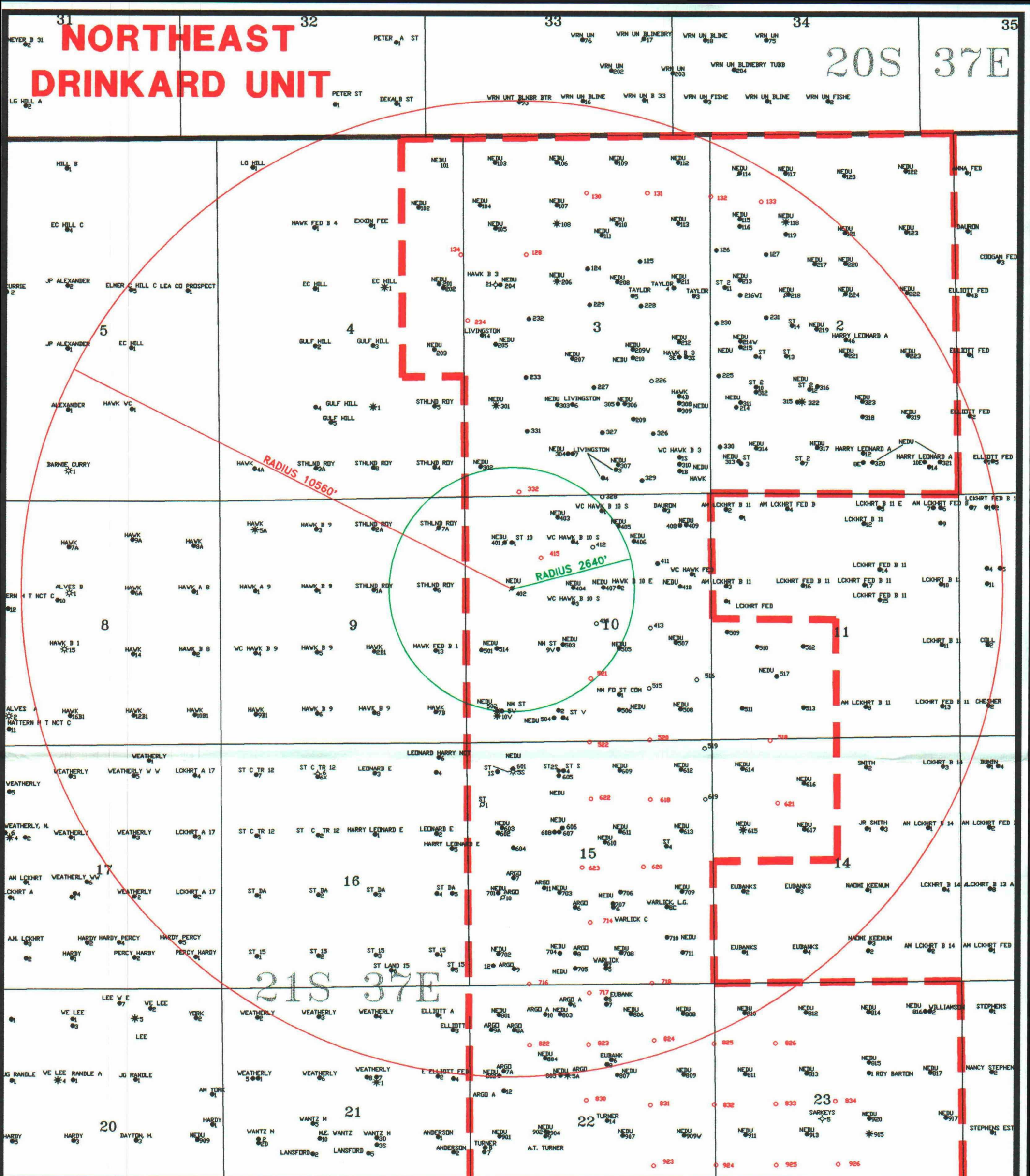
Well: Northeast Drinkard Unit # 402
Field: Eunice N. Blinebry-Tubb-Drinkard
Location: 1980' FNL & 990' FEL
Unit E, Sec. 10, T21S, R37E
Lea County, New Mexico
API #: 30-025-06461

Current Status: Active Oil

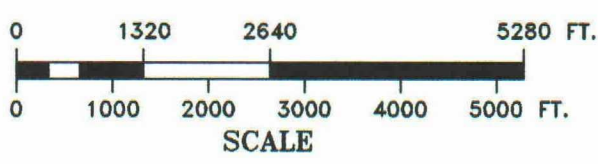


**NORTHEAST
DRINKARD UNIT**

20S 37E



21S 37E



**NEDU AREA
LEA COUNTY, NEW MEXICO**

**CONVERSIONS
Injection Well Permitting
Well #: 402**

DATE: 02/3/99	REVISED: 00/00/99	GEOL : B. USZYNSKI
J:\PER\NEDU\INJ402.DWG	DRAFTED BY: HGS	LANDMAN: T. CUSTER

INJECTION WELL DATA SHEET

OPERATOR	<u>Apache Corporation</u>	LEASE	<u>Northeast Drinkard Unit (NM State V # 1)</u>		
WELL NO.	<u>502</u>	<u>660' FSL & 660' FWL</u>	<u>M</u>	<u>10</u>	<u>21S</u>
		FOOTAGE LOCATION	UNIT	SECTION	TOWNSHIP
					<u>37E</u>
					RANGE

Well Construction Data

Surface Casing

Size	<u>10-3/4</u>	Cemented with	<u>250 sx</u>
TOC	<u>Surface</u>	feet determined by	<u>Circulation</u>
Hole Size	<u>13-3/8</u>		

Intermediate Casing

Size	<u>7-5/8</u>	Cemented with	<u>1050 sx</u>
TOC	<u>Surface</u>	feet determined by	<u>Circulation</u>
Hole Size	<u>9-5/8</u>		

Long String

Size	<u>5-1/2</u>	Cemented with	<u>450 sx</u>
TOC	<u>3032</u>	feet determined by	<u>Temp Survey</u>
Hole Size	<u>6-3/4</u>		

Total Depth 6660

Injection Interval

5600 feet to 6660 feet **Perforated**
 (perforated or open-hole; indicate which)

Tubing Size 2-3/8 lined with IPC set in a
 (type of internal coating)
5-1/2" Baker Lok-Set packer at 5500 feet

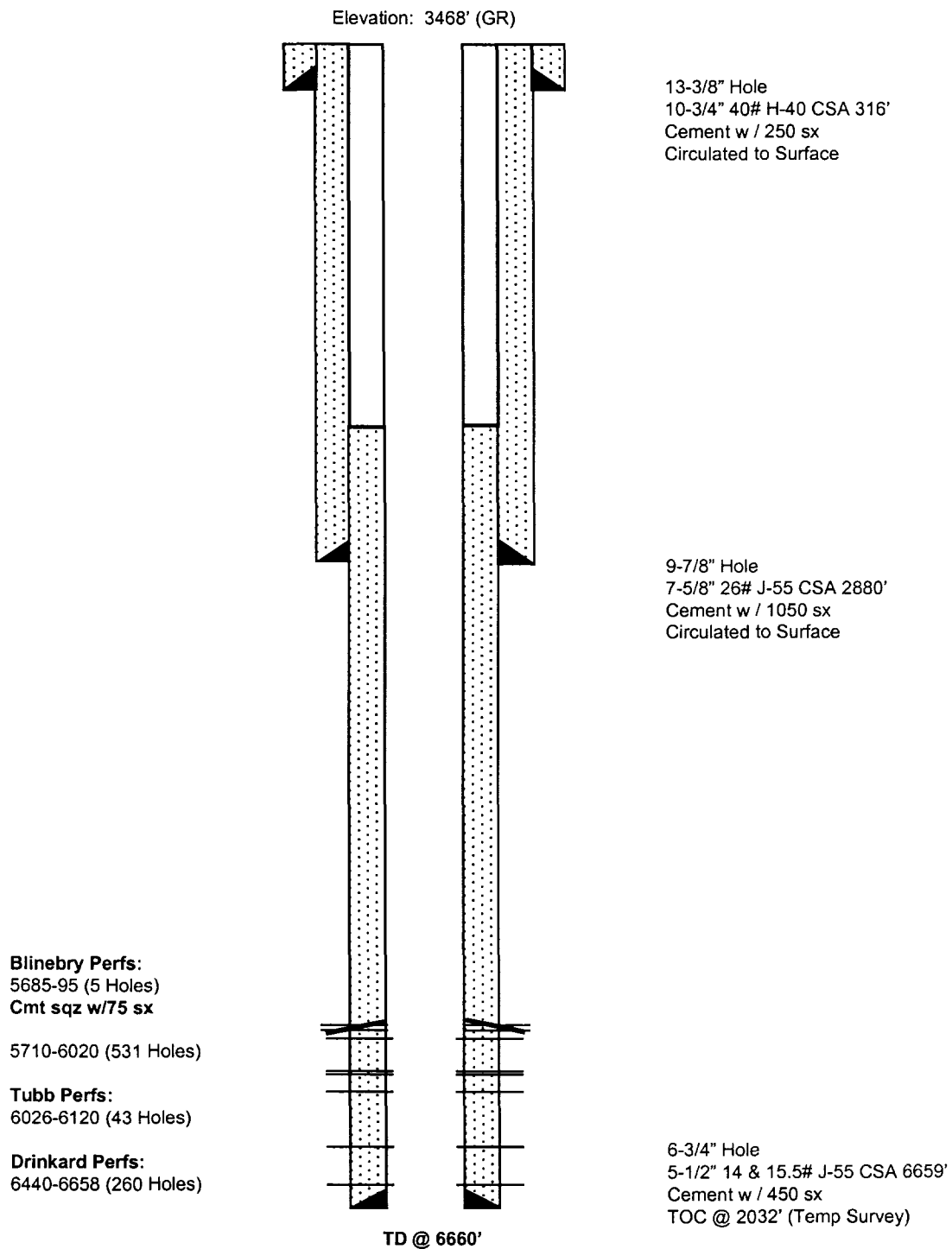
Other type of tubing / casing seal if applicable _____

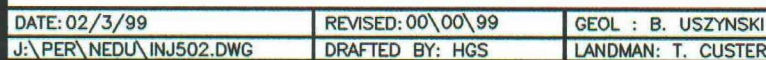
Other Data

1. Is this a new well drilled for injection? ☐ Yes ☒ No
 If no, for what purpose was the well originally drilled? Blinebry-Drinkard Producer
2. Name of the Injection formation Blinebry - Tubb - Drinkard
3. Name of Field or Pool (if applicable) Eunice N., Blinebry-Tubb-Drinkard
4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e., sacks of cement or plug(s) used. No
5. Give the names and depths of any over or underlying oil or gas zones (pools) in this area.

Well: Northeast Drinkard Unit # 502
Field: Eunice N. Blinebry-Tubb-Drinkard
Location: 660' FSL & 660' FWL
Unit M, Sec. 10, T21S, R37E
Lea County, New Mexico
API #: 30-025-06463

Current Status: Active Oil



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INJECTION WELL DATA SHEET

OPERATOR	<u>Apache Corporation</u>	LEASE	<u>Northeast Drinkard Unit (J H Nolan # 3)</u>		
WELL NO.	<u>512</u>	<u>1980' FSL & 1980' FWL</u>	<u>K</u>	<u>11</u>	<u>21S</u>
		FOOTAGE LOCATION	UNIT	SECTION	TOWNSHIP
					<u>37E</u>
					RANGE

Well Construction Data

Surface Casing

Size	<u>13-3/8</u>	Cemented with	<u>250 sx</u>
TOC	<u>Surface</u>	feet determined by	<u>Circulation</u>
Hole Size	<u>17-1/2</u>		

Intermediate Casing

Size	<u>9-5/8</u>	Cemented with	<u>1200 sx</u>
TOC	<u>1500</u>	feet determined by	<u>Temp Survey</u>
Hole Size	<u>12-1/4</u>		

Long String

Size	<u>7</u>	Cemented with	<u>625 sx</u>
TOC	<u>3800</u>	feet determined by	<u>Temp Survey</u>
Hole Size	<u>8-3/4</u>		

Total Depth 7492

Injection Interval

5600 feet to 6780 feet **Perforated**
 (perforated or open-hole; indicate which)

Tubing Size 2-3/8 lined with IPC set in a
 (type of internal coating)
7" Baker Lok-Set packer at 5500 feet

Other type of tubing / casing seal if applicable _____

Other Data

1. Is this a new well drilled for injection? ☐ Yes ☒ No
 If no, for what purpose was the well originally drilled? ABO Producer

2. Name of the Injection formation Blinebry - Tubb - Drinkard

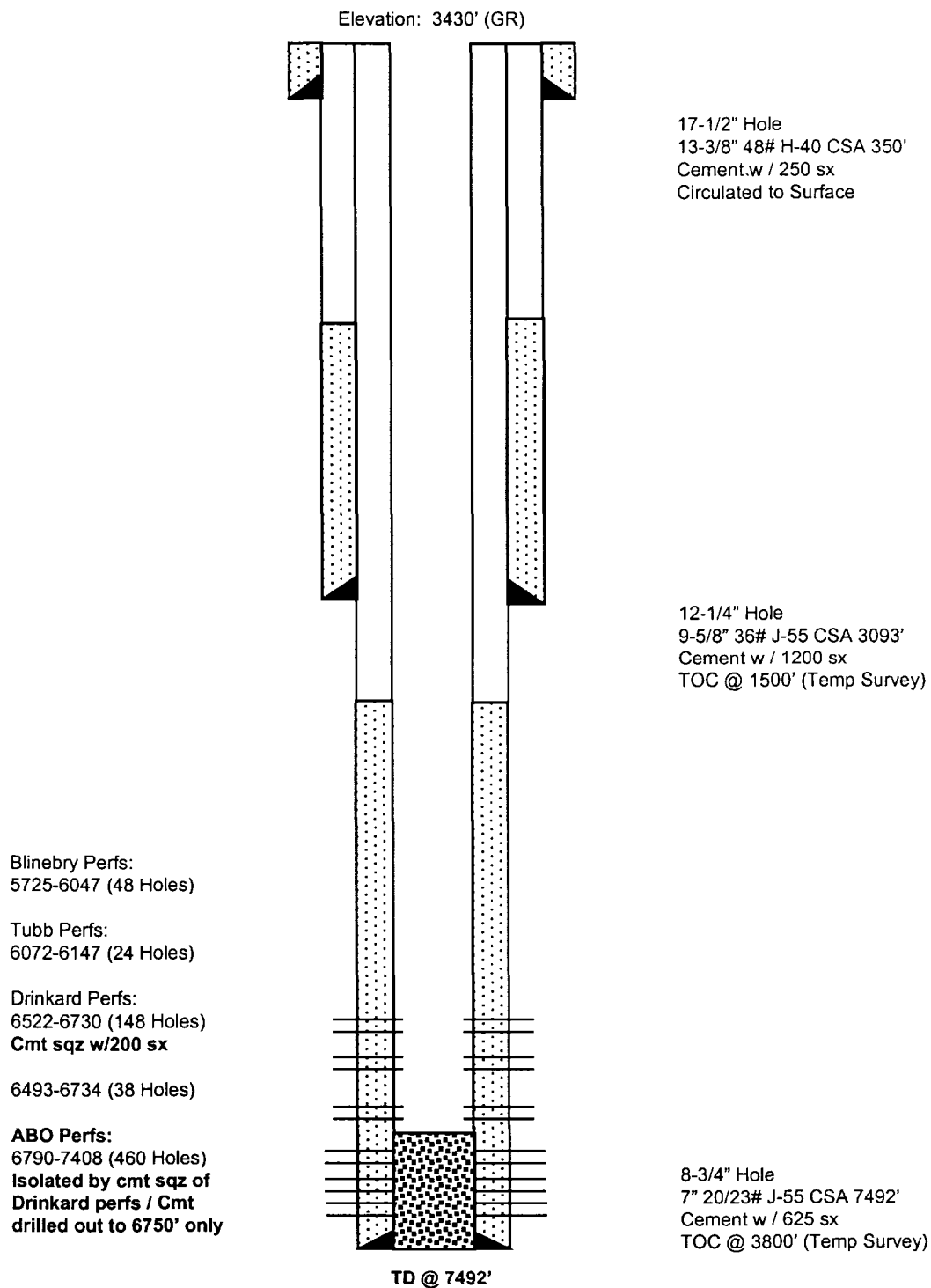
3. Name of Field or Pool (if applicable) Eunice N., Blinebry-Tubb-Drinkard

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e., sacks of cement or plug(s) used. ABO 6790-7450 & Drinkard 6522-6730
Cmt sqz w/ 200 sx & Drill-out to plugback depth 6750'

5. Give the names and depths of any over or underlying oil or gas zones (pools) in this area.

Well: Northeast Drinkard Unit # 512
Field: Eunice N. Blinebry-Tubb-Drinkard
Location: 1980' FSL & 1980' FWL
Unit K, Sec. 11, T21S, R37E
Lea County, New Mexico
API #: 30-025-06534

Current Status: Active Oil



INJECTION WELL DATA SHEET

OPERATOR	<u>Apache Corporation</u>	LEASE	<u>Northeast Drinkard Unit (State S # 1)</u>		
WELL NO.	<u>602</u>	<u>1980' FNL & 660' FWL</u>	<u>E</u>	<u>15</u>	<u>21S</u>
		FOOTAGE LOCATION	UNIT	SECTION	TOWNSHIP
					<u>37E</u>
					RANGE

Well Construction Data

Surface Casing

Size	<u>13-3/8</u>	Cemented with	<u>300 sx</u>
TOC	<u>Surface</u>	feet determined by	<u>Circulation</u>
Hole Size	<u>17-1/2</u>		

Intermediate Casing

Size	<u>8-5/8</u>	Cemented with	<u>800 sx</u>
TOC	<u>700</u>	feet determined by	<u>Calculation</u>
Hole Size	<u>11</u>		

Long String

Size	<u>5-1/2</u>	Cemented with	<u>350 sx</u>
TOC	<u>4250</u>	feet determined by	<u>Temp Survey</u>
Hole Size	<u>7-7/8</u>		

Total Depth 6669

Injection Interval

5550 feet to 6670 feet **Perforated & Open Hole**
 (perforated or open-hole; indicate which)

Tubing Size 2-3/8 lined with IPC set in a
 (type of internal coating)
5-1/2" Baker Lok-Set packer at 5450 feet

Other type of tubing / casing seal if applicable _____

Other Data

1. Is this a new well drilled for injection? ☐ Yes ☒ No
 If no, for what purpose was the well originally drilled? Drinkard Producer

2. Name of the Injection formation Blinebry - Tubb - Drinkard

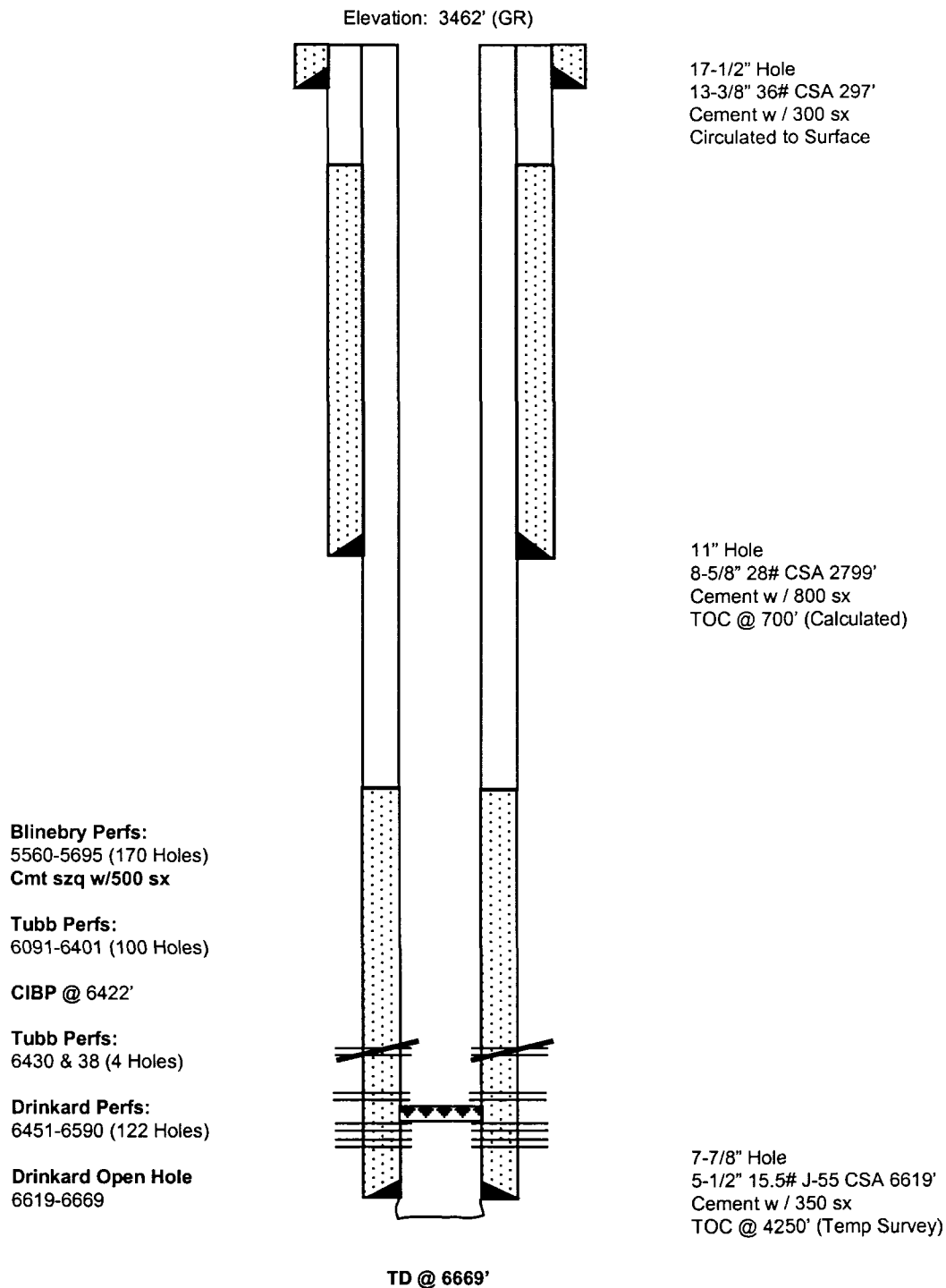
3. Name of Field or Pool (if applicable) Eunice N., Blinebry-Tubb-Drinkard

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e., sacks of cement or plug(s) used. Blinebry 5560-5695 Cmt sqz w/ 500 sx; Drinkard 6438-6669 CIBP @ 6422'

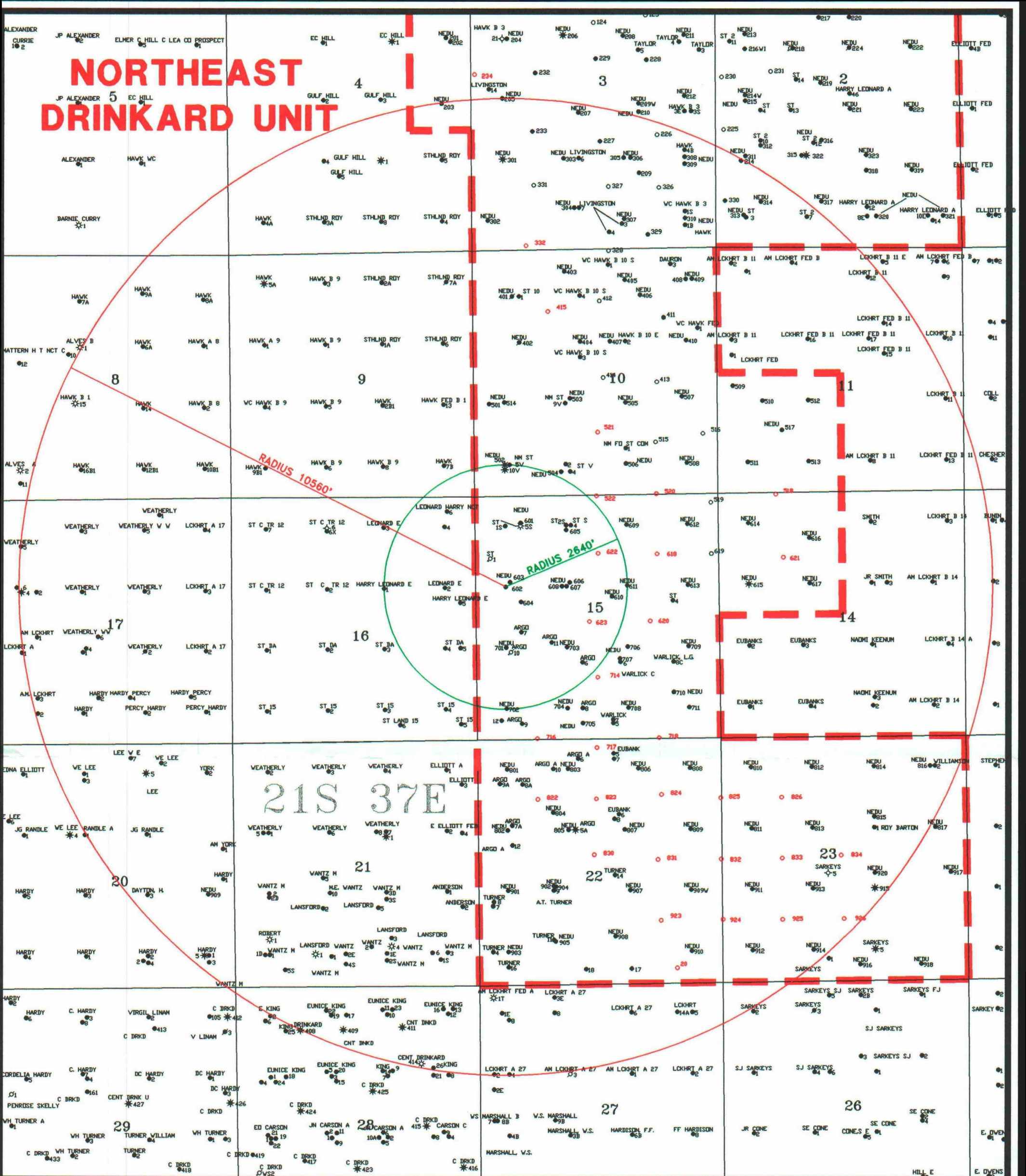
5. Give the names and depths of any over or underlying oil or gas zones (pools) in this area.

Well: Northeast Drinkard Unit # 602
Field: Eunice N. Blinebry-Tubb-Drinkard
Location: 1980' FNL & 660' FWL
Unit E, Sec. 15, T21S, R37E
Lea County, New Mexico
API #: 30-025-09914

Current Status: Active Oil



NORTHEAST DRINKARD UNIT



Apache
CORPORATION
WESTERN REGION

NEDU AREA
LEA COUNTY, NEW MEXICO

CONVERSIONS
Injection Well Permitting
Well #: 602

DATE: 02/3/99	REVISED: 00/00/99	GEOL : B. USZYNSKI
J:\PER\NEDU\INJ602.DWG	DRAFTED BY: HGS	LANDMAN: T. CUSTER

INJECTION WELL DATA SHEET

OPERATOR	Apache Corporation	LEASE	Northeast Drinkard Unit (State # 1)		
WELL NO.	611	1980' FNL & 1978' FEL	G	15	21S
		FOOTAGE LOCATION	UNIT	SECTION	TOWNSHIP
					37E
					RANGE

Well Construction Data

Surface Casing

Size	13-3/8	Cemented with	250 sx
TOC	Surface	feet determined by	Circulation
Hole Size	17		

Intermediate Casing

Size	8-5/8	Cemented with	1500 sx
TOC	Surface	feet determined by	Circulation
Hole Size	11		

Long String

Size	5-1/2	Cemented with	1200 sx
TOC	Surface	feet determined by	Circulation
Hole Size	7-7/8		

Total Depth **6641**

Injection Interval

5530 feet to **6650** feet **Perforated & Open Hole**
 (perforated or open-hole; indicate which)

Tubing Size **2-3/8** lined with **IPC** set in a
 (type of internal coating)
5-1/2" Baker Lok-Set packer at **5430** feet

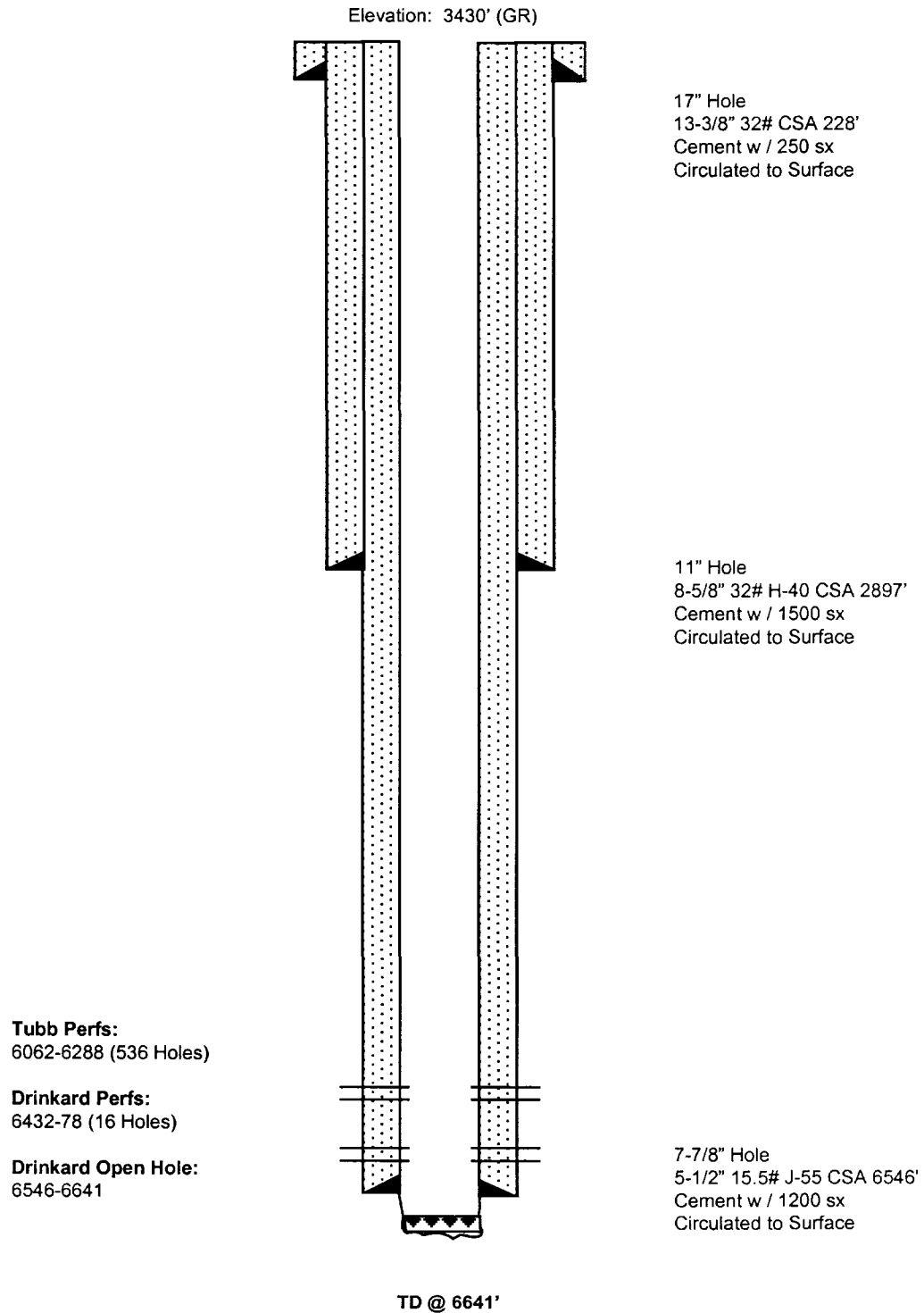
Other type of tubing / casing seal if applicable _____

Other Data

1. Is this a new well drilled for injection? ☐ Yes ☒ No
 If no, for what purpose was the well originally drilled? **Drinkard Producer**
2. Name of the Injection formation **Blinebry - Tubb - Drinkard**
3. Name of Field or Pool (if applicable) **Eunice N., Blinebry-Tubb-Drinkard**
4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e., sacks of cement or plug(s) used. **No**
5. Give the names and depths of any over or underlying oil or gas zones (pools) in this area.

Well: Northeast Drinkard Unit # 611
Field: Eunice N. Blinbry-Tubb-Drinkard
Location: 1980' FNL & 1978' FWL
Unit G, Sec. 15, T21S, R37E
Lea County, New Mexico
API #: 30-025-09912

Current Status: Shut-In Oil



INJECTION WELL DATA SHEET

OPERATOR	<u>Apache Corporation</u>	LEASE	<u>Northeast Drinkard Unit (Argo Oil Corp # 1)</u>		
WELL NO.	<u>702</u>	<u>660' FSL & 660' FWL</u>	<u>M</u>	<u>15</u>	<u>21S</u>
		FOOTAGE LOCATION	UNIT	SECTION	TOWNSHIP
					<u>37E</u>
					RANGE

Well Construction Data

Surface Casing

Size	<u>13-3/8</u>	Cemented with	<u>250 sx</u>
TOC	<u>Surface</u>	feet determined by	<u>Circulation</u>
Hole Size	<u>17-1/2</u>		

Intermediate Casing

Size	<u>8-5/8</u>	Cemented with	<u>800 sx</u>
TOC	<u>Surface</u>	feet determined by	<u>Calculation</u>
Hole Size	<u>11</u>		

Long String

Size	<u>5-1/2</u>	Cemented with	<u>500 sx</u>
TOC	<u>3481</u>	feet determined by	<u>Calculation</u>
Hole Size	<u>7-7/8</u>		

Total Depth 6646

Injection Interval

5510 feet to 6650 feet **Perforated & Open Hole**
 (perforated or open-hole; indicate which)

Tubing Size 2-3/8 lined with IPC set in a
 (type of internal coating)
5-1/2" Baker Lok-Set packer at 5410 feet

Other type of tubing / casing seal if applicable _____

Other Data

1. Is this a new well drilled for injection? ☐ Yes ☒ No
 If no, for what purpose was the well originally drilled? Drinkard Producer

2. Name of the Injection formation Blinebry - Tubb - Drinkard

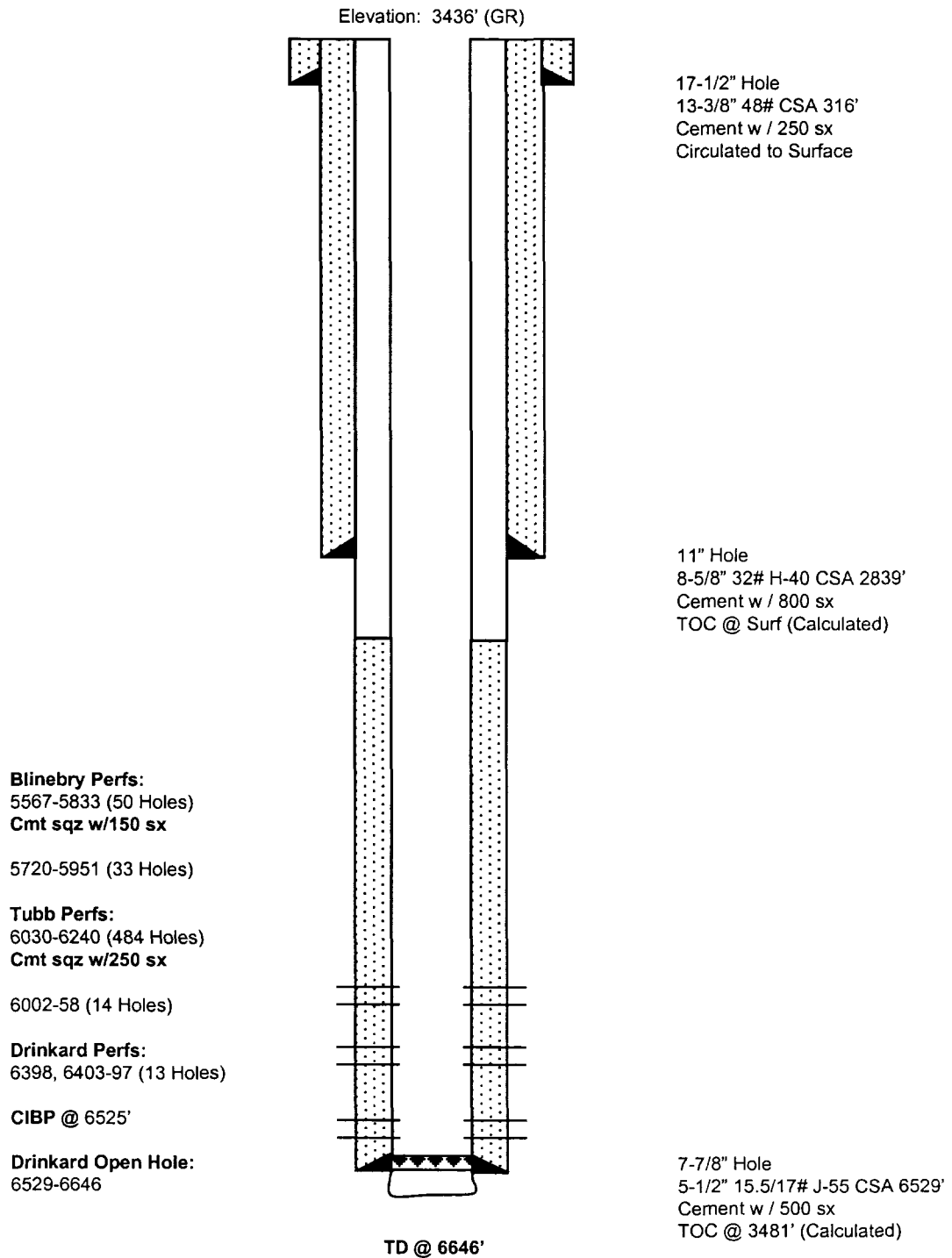
3. Name of Field or Pool (if applicable) Eunice N., Blinebry-Tubb-Drinkard

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e., sacks of cement or plug(s) used. Tubb 6030-6240 Cmt sqz w/ 250 sx
 Blinebry 5567-5833 Cmt sqz w/ 150 sx

5. Give the names and depths of any over or underlying oil or gas zones (pools) in this area.

Well: Northeast Drinkard Unit # 702
Field: Eunice N. Blinebry-Tubb-Drinkard
Location: 660' FSL & 660' FWL
Unit M, Sec. 15, T21S, R37E
Lea County, New Mexico
API #: 30-025-09911

Current Status: Active Oil



AFFIDAVIT OF PUBLICATION

State of New Mexico,
County of Lea.

I, KATHI BEARDEN

Publisher

of the Hobbs Daily News-Sun, a
daily newspaper published at
Hobbs, New Mexico, do solemnly
swear that the clipping attached
hereto was published once a
week in the regular and entire
issue of said paper, and not a
supplement thereof for a period.

of 1
_____ weeks.

Beginning with the issue dated

January 6 1999
and ending with the issue dated

January 6 1999



Publisher

Sworn and subscribed to before

me this 5th day of

January 1999



Notary Public.

My Commission expires
October 18, 2000
(Seal)

This newspaper is duly qualified
to publish legal notices or adver-
tisements within the meaning of
Section 3, Chapter 167, Laws of
1937, and payment of fees for
said publication has been made.

LEGAL NOTICE
January 6, 1999

Notice is hereby given of the application of Apache Corpora-
tion, 2000 Post Oak Blvd., Ste. 100, Houston, TX 77056,
(713)296-6000, to the Oil Conservation Division, New Mexico
Energy, Minerals and Natural Resources Department, for ap-
proval of the following injection wells for the purpose of second-
ary recovery.

Pool Name: North Eunice Blinbry-Tubb-Drinkard Oil & Gas

All wells are located in Lea County, New Mexico

Lease/Unit Name: Northeast Drinkard Unit

Well No. 104 - (formerly Glenn Taylor #2)

Location: 1582' FNL & 330' FWL, Section 3, T21S,
R37E Unit E

Well No. 107 - (formerly Tylor-Glenn #9)

Location: 1585' FNL & 1980' FWL, Section 3, T21S,
R37E Unit F

Well No. 113 - (formerly W C Hawk B-3 # 4)

Location: 1980' FNL & 660' FEL, Section 3, T21S, R37E Unit H

Well No. 202 - (formerly Livingston #13)

Location: 3330' FNL & 467' FEL, Section 4, T21S, R37E Unit I

Well No. 302 - (formerly Livingston #5)

Location: 660' FSL & 330' FWL, Section 3, T21S, R37E Unit U

Well No. 402 - (formerly State 10 #2)

Location: 1980' FNL & 990' FWL, Section 10, T21S,
R37E Unit E

Well No. 502 - (formerly NM State V #1)

Location: 660' FSL & 660' FWL, Section 10, T21S,
R37E Unit M

Well No. 512 - (formerly J H Nolan #3)

Location: 1980' FSL & 1980' FWL, Section 11, T21S,
R37E Unit K

Well No. 602 - (formerly State S #1)

Location: 1980' FNL & 660' FWL, Section 15, T21S,
R37E Unit E

Well No. 611 - (formerly State #1)

Location: 1980' FNL & 1978' FEL, Section 15, T21S,
R37E Unit G

Well No. 702 - (formerly Argo Oil Corp #1)

Location: 660' FSL & 660' FWL, Section 15, T21S,
R37E Unit M

The injection formations are the Blinbry, Tubb and Drinkard
located between the interval of 5510' MD to 6840' MD below
the surface of the ground. Expected maximum injection rate is
2000 barrels per day and the expected maximum injection
pressure is 1200 psi. Interested parties must file objections or
requests for hearing with the Oil Conservation Division, 2040
S. Pacheco, Santa Fe, NM 87505 within fifteen days.

#16354

02102716000

02523417

Apache Corporation
2000 Post Oak Boulevard Suite 100
Houston, TX 77056-4400

**APPLICATION TO EXPAND WATERFLOOD
NORTHEAST DRINKARD UNIT
SURFACE OWNERS**

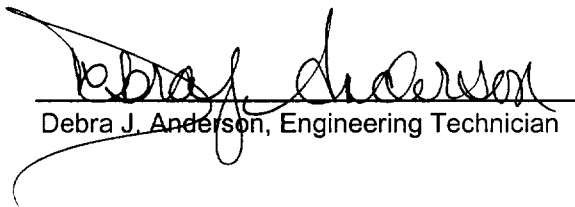
State of New Mexico
Office of Land Commissioner
P O Box 1148
State Land Office Bldg.
Santa Fe, New Mexico 87504-1148
Certified Rcpt #Z116148683

McNeil Ranch
P O Box 939
Eunice, New Mexico 88231
Certified Rcpt #Z116148684

Deck Estate
Tim Wolters, Trustee
Nations Bank
P O Box 270
Midland, Texas 79702
Certified Rcpt #Z116148685

Nadine Owen Estate
Bill Stephens Trustee
P O Box 115
Eunice, New Mexico 88231
Certified Rcpt #Z116148686

A copy of the application to expand the Northeast Drinkard Waterflood was mailed to the Surface Land Owners listed above on April 07, 1999.


Debra J. Anderson, Engineering Technician

4-7-99
Date

AREA OF REVIEW / WELL DATA

WELL NAME		API NO.	S / T / R	LOCATION	WELL TYPE	SPUD DATE	COMP DATE	TD	SURFACE CASING			INTERMEDIATE CASING			PRODUCTION CASING			LINER							
									HOLE	CSG	DEPTH	CMT	HOLE	CSG	DEPTH	CMT	HOLE	CSG	DEPTH	CMT	HOLE	LINER	DEPTH	CMT	
Warren Unit - Blinbrey # 16		30-025-07876	33/20S/38E	660 FSL-1980 FEL	O	3/29/55	5/17/55	6050	13-3/8	10-3/4	274	250 9-7/8	7-5/8		3049	1111	6-3/4	5-1/2	6049	541					
Warren Unit - Blinbrey # 93		30-025-27584	33/20S/38E	660 FSL-1980 FWL	O	2/7/82	6/24/82	7000	12-1/4	9-5/8	1400	525					8-3/4	7	6995	1192					
NEDU #114 (State #6)		30-025-06344	2/21S/37E	906 FNL-660 FWL	WI	3/29/54	5/5/54	6896	17-1/2	13-3/8	208	240 11	8-5/8	3008	1750	7-7/8	5-1/2	6030	250			3-1/2	5645-6896	100	
NEDU #115 (State #2)		30-025-06340	2/21S/37E	1896 FNL-660 FWL	WI	1/17/50	8/3/51	8620	17-1/2	13-3/8	152	165 12-1/4	9-5/8	3005	3200	7-7/8	5-1/2	8500	550						
NEDU #116 (State #8)		30-025-06346	2/21S/37E	5790 FSL-660 FWL	WI	12/19/55	1/26/56	6010	17-1/2	13-3/8	218	200 11	8-5/8	3092	2100	7-7/8	5-1/2	6010	210						
NEDU #117 (State #7)		30-025-06345	2/21S/37E	921 FNL-1650 FWL	WI	5/24/54	6/23/54	6996	17-1/2	13-3/8	215	250 11	8-5/8	3030	1600	7-7/8	5-1/2	6030	225			3-1/2	5708-6945	100	
NEDU #118 (State #9)		30-025-06347	2/21S/37E	1973 FNL-1650 FWL	O	4/23/62	7/16/62	6150	17-1/2	13-3/8	326	335				7-7/8	4-1/2	5682	570						
NEDU #119 (State #5)		30-025-06343	2/21S/37E	5610 FNL-1650 FWL	O	1/18/53	7/20/53	6850	17-1/2	13-3/8	200	225 11	8-5/8	3015	1650	7-7/8	5-1/2	5980	225			3-1/2	5955-6850	75	
NEDU #126		30-025-34415	2/21S/37E	2500 FNL-130 FWL	O	8/15/98	9/16/98	6940	11	8-5/8	1396	410				7-7/8	5-1/2	6940	1350						
NEDU #127		30-025-34426	2/21S/37E	2600 FNL-1200 FWL	O	8/29/98	10/5/98	6980	11	8-5/8	1390	410				7-7/8	5-1/2	6980	1200						
NEDU #213 (State 2 #2)		30-025-06368	2/21S/37E	4620 FNL-660 FWL	O	10/27/49	12/5/49	6760	17-1/2	13-3/8	224	300 11	8-5/8	2936	2200	7-7/8	5-1/2	6660	600						
NEDU #216 (State #8)		30-025-06374	2/21S/37E	3546 FNL-660 FWL	WI	9/16/51	11/7/51	8156	17-1/2	13-3/8	219	250 11	8-5/8	3147	2000	7-7/8	5-1/2	8018	500						
State 2 #11		30-025-06377	2/21S/37E	3376 FNL-330 FWL	O	1/12/52	3/8/52	8015	17-1/2	13-3/8	211	250 11	8-5/8	3140	2000	7-7/8	5-1/2	8014	850						
NEDU #103 (Hawk B-3-TB #4)		30-025-09897	3/21S/37E	660 FNL-660 FWL	O	3/12/57	4/29/57	6010	13-3/8	10-3/4	259	250 9-7/8	7-5/8	3154	1500	6-3/4	5-1/2	6010	350						
NEDU #104 (Glenn Taylor 2 #8)		30-025-06386	3/21S/37E	1582 FNL-330 FWL	O	10/13/56	11/17/56	5930	17-1/2	13-3/8	307	300 11	8-5/8	3150	1200	7-7/8	5-1/2	5810	200						
NEDU #105 (Taylor-Glenn #11)		30-025-25008	3/21S/37E	208 FNL-660 FWL	WI	7/1/75	9/25/75	6870	11	8-5/8	1380	400				7-7/8	5-1/2	6870	860						
NEDU #106 (Hawk B-3 #16)		30-025-06410	3/21S/37E	660 FNL-1980 FWL	O	9/22/56	11/13/56	6922	13-3/8	10-3/4	260	150 9-7/8	7-5/8	3049	1805	6-3/4	5-1/2	6479	500			4	6237-6922	35	
NEDU #107 (Taylor-Glenn #9)		30-025-20315	3/21S/37E	1585 FNL-1980 FWL	O	1/7/63	1/30/63	6000	9-7/8	7-5/8	272	275				6-3/4	4-1/2	6000	175						
NEDU #108 (Taylor-Glenn #10)		30-025-24831	3/21S/37E	1980 FNL-1980 FWL	O	10/19/74	2/14/75	6805	11	8-5/8	1361	600				7-7/8	5-1/2	6805	1025						
NEDU #109 (Hawk-Fed B-3 #15)		30-025-06510	3/21S/37E	660 FNL-1980 FEL	WI	10/9/55	11/24/55	6025	15	11-3/4	270	375 9-7/8	7-5/8	3061	1066	6-3/4	5-1/2	6024	375						
NEDU #110 (Hawk-Fed B-3 #18)		30-025-06495	3/21S/37E	1980 FNL-1980 FEL	WI	4/8/57	5/24/57	5976	13-3/8	10-3/4	268	250 9-7/8	7-5/8	3119	1150	6-3/4	5-1/2	5974	400						
NEDU #111 (Hawk B-3 #24)		30-025-26670	3/21S/37E	2232 FNL-2310 FEL	WI	4/18/80	6/19/80	6875	11	8-5/8	1395	674				7-7/8	5-1/2	6875	2268						
NEDU #112 (Hawk-Fed B-3 #14)		30-025-06509	3/21S/37E	660 FNL-660 FEL	O	11/26/54	12/24/54	6020	13-3/8	10-3/4	290	300 9-7/8	7-5/8	3038	1150	6-3/4	5-1/2	6019	510						
NEDU #113 (WC Hawk B-3 #4)		30-025-06496	3/21S/37E	1980 FNL-660 FEL	O	3/12/50	6/5/50	6630	17-1/2	13-3/8	211	250 12-1/4	9-5/8	3029	1210	8-3/4	7	6829	770						
NEDU #124		30-025-34424	3/21S/37E	2879 FNL-2650 FEL	O	10/31/98	12/4/98	6910	11	8-5/8	1309	410				7-7/8	5-1/2	6910	1425						
NEDU #125		30-025-34425	3/21S/37E	2727 FNL-1511 FEL	O	11/14/98	12/14/98	6910	11	8-5/8	1300	410				7-7/8	5-1/2	6910	1375						
NEDU #204 (Hawk-Fed B-3 #22)		30-025-06506	3/21S/37E	3300 FNL-760 FWL	O	8/11/62	11/20/62	6800	12-1/4	9-5/8	1310	625				8-3/4	7	6800	650						
NEDU #205 (Livingston #11)		30-025-06521	3/21S/37E	3300 FSL-660 FWL	P&A	11/26/61	1/1/62	6730	12-1/4	9-5/8	271	250				8-3/4	2-7/8*	6724	635	*Triple-Tubingless Completion					
NEDU #206 (Glenn Taylor #1)		30-025-06522	3/21S/37E	3226 FNL-1980 FWL	WI	9/28/47	3/1/48	8590	17-1/2	13-3/8	301	250 11	8-5/8	3879	3000	7-7/8	5-1/2								
NEDU #208 (Glenn Taylor #6)		30-025-06385	3/21S/37E	4620 FSL-1979 FEL	O	7/27/52	8/28/52	6707	17-1/2	13-3/8	225	250 11	8-5/8	3147	2000							7-7/8	5-1/2	2917-6660	600
NEDU #211 (Glenn Taylor #2)		30-025-06381	3/21S/37E	4620 FSL-660 FEL	WI	1/4/50	2/10/50	6710	17-1/2	13-3/8	222	300 11	8-5/8	2920	2200	7-7/8	5-1/2	6665	600						
NEDU #212 (Hawk B-3 #1)		30-025-06492	3/21S/37E	3300 FSL-660 FEL	O	10/1/49	11/10/49	6782	17-1/2	13-3/8	222	250 12-1/4	9-5/8	2819	650	8-3/4	7	6781	675						
NEDU #228		30-025-34427	3/21S/37E	3768 FNL-1493 FEL	O	10/18/98	11/13/98	6920	11	8-5/8	1311	410				7-7/8	5-1/2	6920	1200						
NEDU #229		30-025-34429	3/21S/37E	3730 FNL-2594 FEL	O	11/1/98	12/2/98	6910	11	8-5/8	1309	410				7-7/8	5-1/2	6910	1325						
NEDU #232		30-025-34430	3/21S/37E	3828 FSL-1397 FWL	O	10/6/98	11/8/98	6890	11	8-5/8	1302	410				7-7/8	5-1/2	6890	1225						
NEDU #233		30-025-34431	3/21S/37E	2562 FSL-1330 FWL	O	9/24/98	10/15/98	6870	11	8-5/8	1285	410				7-7/8	5-1/2	6870	1300						
NEDU #301 (JC Estack #1)		30-025-06388	3/21S/37E	1980 FSL-660 FWL	O	1/18/50	4/12/50	6690	17-1/2	13-3/8	286	300 11	8-5/8	2972	1800	7-7/8	5-1/2	6620	200						
NEDU #302 (Livingston #5)		30-025-06616	3/21S/37E	660 FSL-330 FWL	O	1/18/52	2/27/52	6690	17-1/2	13-3/8	218	250 11	8-5/8	3153	2200	7-7/8	5-1/2	6689	200						
NEDU #303 (Livingston #1)		30-025-06612	3/21S/37E	1980 FSL-1980 FWL	WI	9/23/49	11/14/49	6674	17-1/2	13-3/8	228	300 11	8-5/8	2900	1800	7-7/8	5-1/2	6674	600						
NEDU #304 (Livingston #9)		30-025-06620	3/21S/37E	915 FSL-2208 FWL	O	10/10/52	11/12/52	6659	17-1/2	13-3/8	237	250 11	8-5/8	3151	2000							6-3/4	5-1/2	2950-6584	400

AREA OF REVIEW / WELL DATA

WELL NAME		API NO.	S / T / R	LOCATION	WELL TYPE	SPUD DATE	COMP DATE	TD	SURFACE CASING			INTERMEDIATE CASING			PRODUCTION CASING			LINER						
									HOLE	CSG	DEPTH	CMT	HOLE	CSG	DEPTH	CMT	HOLE	CSG	DEPTH	CMT	HOLE	LINER	DEPTH	CMT
NEDU #331		30-025-34433	3/21S/37E	1400 FSL-1350 FWL	O	9/11/98	10/7/98	6865 11		8-5/8	1328	410					7-7/8	5-1/2	6865	1450				
Hawk B-3 #21 (Abandoned)		30-025-06511	3/21S/37E	330 FNL-660 FWL	D&A	7/30/62	8/13/62	2665 12-1/4	Does not penetrate injection zone															
Glenn Taylor #3		30-025-06382	3/21S/37E	3546 FNL-330 FEL	O	11/11/51	1/10/52	8224 17-1/2		13-3/8	219	250 11	8-5/8		3150	2000					6-3/4	5-1/2	2960-8102	870
Glenn Taylor #4		30-025-06383	3/21S/37E	3379 FNL-764 FEL	O	3/10/52	5/12/52	8119 17-1/2		13-3/8	200	250 11	8-5/8		3147	2200					6-3/4	5-1/2	2999-8115	775
Glenn Taylor #5		30-025-06384	3/21S/37E	3546 FNL-1650 FEL	O	5/14/52	10/25/52	8361 17-1/2		13-3/8	225	250 11	8-5/8		3147	2200					6-3/4	5-1/2	2939-8355	850
Livingston #4		30-025-06515	3/21S/37E	380 FSL-2310 FEL	P&A	1/5/52	3/14/52	8167 17-1/2		13-3/8	151	200 11	8-5/8		3147	2000	7-7/8	5-1/2	8018	800				
Livingston #6		30-025-06517	3/21S/37E	1980 FSL-2308 FWL	O	6/1/52	8/1/52	8230 17-1/2		13-3/8	222	250 11	8-5/8		3147	2200					6-3/4	5-1/2	2944-8228	825
Livingston #7		30-025-06518	3/21S/37E	915 FSL-2308 FWL	O	7/28/52	9/19/52	8130 17-1/2		13-3/8	222	250 11	8-5/8		3142	2000					6-3/4	5-1/2	2932-8129	800
Livingston #14		30-025-28671	3/21S/37E	3500 FSL-367 FWL	O	4/10/84	6/2/84	7745 17-1/2		13-3/8	481	475 11	8-5/8		2470	1425 7-7/8								
NEDU #101 (Hawk-Fed B-3 #23)		30-025-06390	4/21S/37E	660 FNL-560 FEL	O	5/2/57	6/8/57	5950 13-3/8		10-3/4	270	250 12-1/4	9-5/8		3149	1100 7-7/8					5-1/2			
NEDU #102 (Glenn Taylor #7)		30-025-06400	4/21S/37E	1582 FNL-990 FEL	O	8/20/56	9/23/56	5935 17-1/2		13-3/8	306	350 11	8-5/8		3750	1400 7-7/8					5-1/2			
NEDU #201 (Livingston #12)		30-025-06399	4/21S/37E	4620 FSL-560 FEL	O	12/27/61	6/12/62	6750 12-1/4		9-5/8	308	250					8-3/4	2-7/8*	6745	635	*Triple-Tubingless Completion			
NEDU #202 (Livingston #13)		30-025-26990	4/21S/37E	3330 FNL-467 FEL	O	10/9/80	11/18/81	8156 17-1/2		13-3/8	1190	935 12-1/4	9-5/8		3500	1200 8-3/4		7	8153	1720				
NEDU #203 (Livingston #10)		30-025-06398	4/21S/37E	3200 FSL-660 FEL	O	1/25/53	3/29/53	7436 17-1/2		13-3/8	283	250 11	8-5/8		3151	2300 7-7/8			7435	550				
Exxon Fee #1		30-025-33439	4/21S/37E	1911 FNL-1980 FEL	O	7/4/96	8/29/96	7100 11		8-5/8	1245	750					7-7/8	5-1/2	7100	1200				
Hill #1		30-025-06394	4/21S/37E	3300 FNL-1730 FEL	O	7/27/54	8/27/54	6394 17-1/2		13-3/8	265	250 12-1/4	9-5/8		2935	200 7-7/8			6394	800				
Gulf Hill #1		30-025-06401	4/21S/37E	1980 FSL-1980 FEL	O	5/3/54	6/8/54	5974 17-1/2		13-3/8	150	150 11	8-5/8		2933	600 7-7/8			5934	350				
Gulf Hill #3		30-025-06403	4/21S/37E	3300 FSL-1980 FEL	O	4/8/56	5/14/56	6010 15		12-3/4	114	175 11	8-5/8		2924	2300 7-7/8			5900	700				
Southland Royalty #4		30-025-06396	4/21S/37E	660 FSL-660 FEL	O	10/12/51	11/26/51	6750 17-1/2		13-3/8	305	300 11	8-5/8		2905	375 7-7/8			6748	400				
Southland Royalty #5		30-025-06397	4/21S/37E	1980 FSL-660 FEL	O	10/15/52	11/29/52	6756 17-1/2		13-3/8	312	300 11	8-5/8		2993	300 7-7/8			6755	180				
Southland Royalty #8		30-025-20069	4/21S/37E	660 FSL-1980 FEL	O	12/17/62	5/9/63	6703 12-1/4		9-5/8	1347	580							6703	500				
Southland Royalty A #2		30-025-06443	9/21S/37E	660 FNL-1980 FEL	O	11/21/47	2/15/48	6750 17-1/2		13-3/8	300	300 12-1/4	9-5/8		1410	700 8-3/4		7	6750	3000				
Southland Royalty A #6		30-025-06444	9/21S/37E	1980 FNL-660 FEL	O	5/23/53	8/13/53	7200 17-1/2		13-3/8	252	275 12-1/4	9-5/8		2856	3380 7-7/8			6892	180				
Southland Royalty A #7		30-025-06445	9/21S/37E	660 FNL-585 FEL	O	5/8/62	8/3/62	8482 12-1/4		9-5/8	1331	580 8-3/4	7		7169	550 6-1/8		5	8600	860				
Hawk-Fed B-1 #13		30-025-20178	9/21S/37E	1980 FSL-660 FEL	O	4/13/63	5/20/63	6780 12-1/4		9-5/8	1294	350					7-7/8	5-1/2	6780	700				
Hawk B-9 #7		30-025-06439	9/21S/37E	660 FSL-660 FEL	O	9/3/48	11/30/48	6750 17-1/2		13-3/8	232	200 12-1/4	9-5/8		2779	500 8-3/4		7	6723	800				
Hawk B-9 #8		30-025-09906	9/21S/37E	660 FSL-1980 FEL	O	12/4/48	1/31/49	6770 17-1/2		13-3/8	220	200 12-1/4	9-5/8		2794	500 8-3/4		7	6767	900				
NEDU #401 (State 10 #3)		30-025-06459	10/21S/37E	990 FNL-840 FWL	O	5/7/53	6/1/54	7500 17-1/2		13-3/8	240	250 12-1/4	9-5/8		3150	1612 8-3/4		7	7499	835				
NEDU #402 (State 10 #2)		30-025-06461	10/21S/37E	1980 FNL-990 FWL	O	2/27/53	6/1/54	8161 13-3/8		10-3/4	249	250 9-7/8	7-5/8		3128	1275 6-3/4			7669	375				
NEDU #403 (Hawk-Fed B-10 #10)		30-025-06449	10/21S/37E	460 FNL-1980 FWL	WI	4/30/62	6/19/62	6790 17-1/2		13-3/8	337	300 11	8-5/8		3000	350 7-7/8			6485	505				
NEDU #404 (Hawk B-10-E #5)		30-025-06454	10/21S/37E	1980 FNL-2310 FWL	O	4/8/52	6/8/52	8079 13-3/8		10-3/4	270	250 9-7/8	7-5/8		3149	1360 6-3/4			8078	470				
NEDU #405 (Hawk B-10 #1)		30-025-06450	10/21S/37E	660 FNL-1980 FEL	O	6/7/50	8/7/50	6723 13-3/8		10-3/4	245	200 9-7/8	7-5/8		3049	750 6-3/4			6715	320				
NEDU #407 (WC-Hawk-Fed S #2)		30-025-06456	10/21S/37E	1980 FNL-2310 FEL	WI	5/16/52	7/4/52	7800 17-1/2		13-3/8	253	250 11	9-5/8		3099	1000 8-3/4			7795	1250				
NEDU #412		30-025-34490	10/21S/37E	1124 FNL-2541 FEL	O	9/6/98	10/7/98	6847 11		8-5/8	1280	410					7-7/8	5-1/2	6847	1400				
NEDU #414		30-025-34435	10/21S/37E	2499 FSL-2470 FEL	O	8/23/98	9/24/98	6850 11		8-5/8	1306	410					7-7/8	5-1/2	6850	1490				
NEDU #501 (NM State V #12)		30-025-06474	10/21S/37E	1980 FSL-330 FWL	O	4/14/62	6/6/62	5990 13-3/8		10-3/4	310	200 9-7/8	7-5/8		2975	200 6-3/4			5990	1200	*Slinrhole Completion			
NEDU #502 (NM State V #1)		30-025-06463	10/21S/37E	660 FSL-660 FWL	O	9/24/48	11/16/48	6660 13-3/8		10-3/4	316	250 9-7/8	7		2808	1040 6-1/8			6659	450				
NEDU #503 (NM State V #11)		30-025-06473	10/21S/37E	2080 FSL-2080 FWL	WI	9/25/52	12/4/52	7785 17-1/2		13-3/8	333	275 12-1/4	9-5/8		3165	1400 7-7/8			7785	400				
NEDU #504 (NM State V #7)		30-025-06469	10/21S/37E	500 FSL-1880 FWL	O	10/29/51	12/14/51	7625 15		12-3/4	337	350 11	8-5/8		3107	900 7-7/8			7625	500				
NEDU #505 (NM State V #6)		30-025-06468	10/21S/37E	1980 FSL-1980 FEL	O	8/25/51	10/24/51	7717 15		12-3/4	329	350 11	8-5/8		3100	1400 7-7/8			7711	400				

AREA OF REVIEW / WELL DATA

WELL NAME	API NO.	S / T / R	LOCATION	WELL TYPE	SPUD DATE	COMP DATE	TD	SURFACE CASING HOLE	CSG	DEPTH	CMT	INTERMEDIATE CASING HOLE	CSG	DEPTH	CMT	PRODUCTION CASING HOLE	CSG	DEPTH	CMT	LINER HOLE	LINER	DEPTH	CMT
NEDU #506 (NM State V #3)	30-025-06465	10/21S/37E	660 FSL-1980 FEL	WI	1/19/51	3/16/51	7673	13-3/8	10-3/4	342	300	9-7/8	7-5/8	3098	1500	6-3/4	5-1/2	7673	535				
NEDU #516	30-025-34437	10/21S/37E	1330 FSL-315 FEL	O	7/13/98	8/20/98	6800	11	8-5/8	1315	410					7-7/8	5-1/2	6800	1315				
State 10 #1	30-025-06460	10/21S/37E	990 FNL-990 FWL	O	12/29/52	2/24/53	8285	17-1/2	13-3/8	236	250	12-1/4	9-5/8	3128	1308	8-3/4	7	8279	1250				
NM State V #5	30-025-06467	10/21S/37E	660 FSL-760 FWL	O	5/26/51	8/27/51	8396	15	12-3/4	329	400	11	8-5/8	3100	900	7-7/8	5-1/2	8396	350				
NM State V #10	30-025-06472	10/21S/37E	560 FSL-660 FWL	O	3/21/52	5/1/52	7939	13-3/8	10-3/4	342	375	9-7/8	7-5/8	3104	1000	6-3/4	5-1/2	7939	450				
NM State V #2	30-025-06464	10/21S/37E	660 FSL-1980 FWL	P&A	11/14/48	2/15/49	6751	13-3/8	10-3/4	332	275	9-7/8	7-5/8	3194	1250	6-3/4	5-1/2	6656	565				
NM State V #4	30-025-06466	10/21S/37E	500 FSL-2080 FWL	O	3/18/51	5/24/51	8043	13-3/8	10-3/4	344	300	9-7/8	7-5/8	3100	1540	6-3/4	5-1/2	8043	465				
NM FO' State Com #1	30-025-06462	10/21S/37E	990 FSL-1980 FEL	O	5/20/55	7/13/55	6312	17-1/2	13-3/8	353	300	11	8-5/8	3200	1500	7-7/8	5-1/2	6311	325				
Hawk-Fed B-10 #3	30-025-06452	10/21S/37E	1980 FNL-1980 FEL	P&A	5/11/51	6/22/51	7981	13-3/8	10-3/4	268	250	9-7/8	7-5/8	3099	1250	6-3/4	5-1/2	7980	525				
Hawk-Fed B-10 #5	30-025-06455	10/21S/37E	330 FNL-2340 FEL	O	1/20/52	3/16/52	7955	13-3/8	10-3/4	273	225	9-7/8	7-5/8	3099	1250	6-3/4	5-1/2	7954	600				
Hawk-Fed B-10 #6	30-025-06458	10/21S/37E	990 FNL-2310 FWL	O	3/20/52	5/17/52	8090	13-3/8	10-3/4	256	250	9-7/8	7-5/8	3099	1250	6-3/4	5-1/2	8089	500				
Hawk-Fed B-10 #7	30-025-06457	10/21S/37E	2310 FNL-2310 FWL	O	6/10/52	8/4/52	8075	17-1/2	13-3/8	251	260	12-1/4	9-5/8	3149	1500	8-3/4	7	8074	1050				
NEDU #509 (Gutman #1)	30-025-06537	11/21S/37E	2310 FSL-345 FWL	O	2/14/52	4/22/52	7575	17-1/2	13-3/8	245	275	11	8-5/8	3001	2450	7-7/8	5-1/2	7490	500				
NEDU #510 (Gutman #2)	30-025-20218	11/21S/37E	1980 FSL-990 FWL	O	11/27/63	1/29/64	7200	17-1/2	13-3/8	366	300	12-1/4	9-5/8	3008	900	8-3/4	7	6000	930	8-3/4	4-1/2	6000-7200	930
NEDU #511 (JH Nolan #1)	30-025-06532	11/21S/37E	660 FSL-660 FWL	WI	7/15/50	10/13/50	7523	13-3/8	10-3/4	269	225	9-7/8	7-5/8	3069	1780	6-3/4	5-1/2	6639	950				
NEDU #512 (JH Nolan #3)	30-025-06534	11/21S/37E	1980 FSL-1980 FWL	O	3/14/62	5/18/62	7492	17-1/2	13-3/8	350	250	12-1/4	9-5/8	3093	1200	8-3/4	7	7492	625				
NEDU #513 (JH Nolan #2)	30-025-06533	11/21S/37E	660 FSL-1980 FWL	O	5/12/55	7/24/55	6711	13-3/8	10-3/4	254	250	9-7/8	7-5/8	3049	1242	6-3/4	5-1/2	6479	467		3-1/2	6108-6711	150
Lockhart Federal B #1	30-025-06535	11/21S/37E	2310 FNL-330 FWL	O	2/9/53	3/8/53	6570	17-1/2	13-3/8	174	250	11	8-5/8	3044	900	7-7/8	5-1/2	6453	250				
AM Lockhart B-11-E #3	30-025-06525	11/21S/37E	1980 FNL-330 FWL	O	8/10/51	10/4/51	7659	13-3/8	10-3/4	262	250	9-7/8	7-5/8	3099	100	6-3/4	5-1/2	7658	550				
AM Lockhart B-11 #8	30-025-06478	11/21S/37E	660 FSL-1980 FEL	O	6/27/53	9/2/53	7592	17-1/2	13-3/8	268	250	12-1/4	9-5/8	2996	2100	8-3/4	7	7576	961				
Lockhart Federal B-11 #14	30-025-06529	11/21S/37E	1650 FNL-1650 FEL	O	5/25/57	7/4/57	5925	13-3/8	10-3/4	275	250	9-7/8	7-5/8	3124	260	6-3/4	5-1/2	5924	400				
Lockhart Federal B-11 #15	30-025-06530	11/21S/37E	2310 FSL-1650 FEL	O	1/12/60	3/18/60	6760	17-1/2	13-3/8	307	260	12-1/4	9-5/8	2995	1150	8-3/4	7	6750	475				
Lockhart Federal B-11 #16	30-025-06531	11/21S/37E	1980 FNL-1980 FWL	O	12/27/61	3/4/62	7450	17-1/2	13-3/8	322	250	12-1/4	9-5/8	2912	950	8-3/4	7	7450	770				
Lockhart Federal B-11 #17	30-025-06536	11/21S/37E	1980 FNL-1980 FEL	O	4/10/62	5/22/62	7500	17-1/2	13-3/8	368	300	12-1/4	9-5/8	3094	450	8-3/4	7	7499	650				
NEDU #615 (Owen #1)	30-025-06339	14/21S/37E	1980 FNL-660 FWL	WI	8/16/49	10/5/49	6643	17-1/2	13-3/8	166	125	12-1/4	9-5/8	2721	500	8-3/4	7	6600	500				
NEDU #519	30-025-34413	15/21S/37E	189 FNL-155 FEL	O	7/2/98	9/19/98	6780	11	8-5/8	1325	410					7-7/8	5-1/2	6780	1410				
NEDU #601 (State S #7)	30-025-06614	15/21S/37E	660 FNL-990 FWL	O	2/25/52	4/27/52	8145	17-1/2	13-3/8	293	300	11	8-5/8	2990	2000					6-3/4	4-1/2	2847-8142	350
NEDU #602 (State S #1)	30-025-09914	15/21S/37E	1980 FNL-660 FWL	O	4/11/48	5/22/48	6673	17-1/2	13-3/8	297	300	11	8-5/8	2799	800	7-7/8	5-1/2	6625	350				
NEDU #603 (State S #4)	30-025-09913	15/21S/37E	3390 FSL-4520 FEL	P&A	2/18/51	4/15/51	8182	17-1/2	13-3/8	296	325	11	8-5/8	2818	500	7-7/8	5-1/2	8030	400				
NEDU #604 (State S #6)	30-025-06591	15/21S/37E	2310 FNL-990 FWL	O	8/28/51	10/24/51	8193	17-1/2	13-3/8	324	350	11	8-5/8	2835	500	7-7/8	5-1/2	8042	400				
NEDU #605 (State S #6)	30-025-06613	15/21S/37E	760 FNL-1980 FWL	WI	8/13/51	10/10/51	7675	17-1/2	13-3/8	295	300	11	8-5/8	2997	2000	7-7/8	5-1/2	7675	350				
NEDU #606 (State S #3)	30-025-06587	15/21S/37E	3375 FSL-3225 FEL	O	12/16/50	2/11/51	8034	17-1/2	13-3/8	333	350	11	8-5/8	2803	500	7-7/8	5-1/2	8032	350				
NEDU #607 (State S #2)	30-025-06585	15/21S/37E	1980 FNL-1980 FWL	O	6/2/48	6/29/48	6676	17-1/2	13-3/8	297	300	11	8-5/8	2791	500	7-7/8	5-1/2	6586	125				
NEDU #608 (State S #5)	30-025-06590	15/21S/37E	1980 FNL-1880 FWL	O	7/10/51	8/25/51	7850	17-1/2	13-3/8	314	325	11	8-5/8	2805	500	7-7/8	5-1/2	7849	350				
NEDU #609 (State S #3)	30-025-06610	15/21S/37E	660 FNL-1980 FEL	O	10/4/50	11/22/50	7629	17-1/2	13-3/8	290	300	11	8-5/8	3000	2000	7-7/8	5-1/2	7629	500				
NEDU #610 (State #3)	30-025-06588	15/21S/37E	2210 FNL-2310 FEL	WI	1/10/51	2/19/51	7798	17-1/2	13-3/8	222	250	11	8-5/8	2925	2000	7-7/8	5-1/2	7635	500				
NEDU #611 (State #1)	30-025-09912	15/21S/37E	1980 FNL-1978 FEL	O	8/30/48	11/1/48	6641	17-1/2	13-3/8	229	250	11	8-5/8	2897	1500	7-7/8	5-1/2	6545	1200				
NEDU #612 (State S #8)	30-025-20567	15/21S/37E	660 FNL-660 FEL	WI	11/22/63	2/11/64	6720	17-1/2	13-3/8	336	325	11	8-5/8	3007	935	7-7/8	5-1/2	6693	1180				
NEDU #613 (State #2)	30-025-09919	15/21S/37E	1980 FNL-660 FEL	O	11/20/48	1/31/49	6641	17-1/2	13-3/8	228	250	11	8-5/8	2981	1700	7-7/8	5-1/2	6585	900				
NEDU #619	30-025-34410	15/21S/37E	1300 FNL-155 FEL	O	6/18/98	9/4/98	6810	11	8-5/8	1330	410					7-7/8	5-1/2	6810	1275				

AREA OF REVIEW / WELL DATA

WELL NAME		API NO.	S / T / R	LOCATION		WELL TYPE	SPUD DATE	COMP DATE	TD	SURFACE CASING		INTERMEDIATE CASING		PRODUCTION CASING		LINER		DEPTH		CMT
										HOLE	CSG	DEPTH	CMT	HOLE	CSG	DEPTH	CMT	HOLE	LINER	
NEDU #701 (Argo #2)		30-025-09916	15/21S/37E	1980 FSL-660 FWL		O	10/10/47	12/18/47	6654	17-1/2	13-3/8	210	210 11	8-5/8	2875	800 7-7/8	5-1/2	6652	600	
NEDU #702 (Argo Oil Corp #1)		30-025-09911	15/21S/37E	660 FSL-660 FWL		O	8/8/47	9/30/47	6646	17-1/2	13-3/8	321	220 11	8-5/8	2839	800 7-7/8	5-1/2	6529	500	
NEDU #703 (Argo #3)		30-025-09918	15/21S/37E	1980 FSL-1980 FWL		WI	2/29/48	4/17/48	6645	17-1/2	13-3/8	208	250 11	8-5/8	2891	1500 7-7/8	5-1/2	6494	500	
NEDU #704 (Argo #4)		30-025-09917	15/21S/37E	660 FSL-1980 FWL		O	5/9/48	6/26/48	6630	17-1/2	13-3/8	208	250 11	8-5/8	2883	1500 7-7/8	5-1/2	6560	1000	
NEDU #705 (Argo #5)		30-025-06602	15/21S/37E	330 FSL-2310 FWL		O	7/27/50	9/12/50	8091	17-1/2	13-3/8	225	300 11	8-5/8	2912	2000 7-7/8	5-1/2	7790	500	
NEDU #706 (LG Warlick C #1)		30-025-06692	15/21S/37E	1980 FSL-1980 FEL		O	6/8/48	7/31/48	6629	17-1/2	13-3/8	299	250 11	8-5/8	2800	1500 7-7/8	5-1/2	6497	750	
NEDU #707 (LG Warlick C #10)		30-025-06601	15/21S/37E	1725 FSL-2149 FEL		O	5/5/52	6/28/52	7670	17-1/2	13-3/8	324	250 11	8-5/8	2851	1200 7-7/8	5-1/2	7665	1155	
NEDU #708 (LG Warlick C #2)		30-025-06593	15/21S/37E	660 FSL-1980 FEL		WI	7/30/48	9/15/48	6634	17-1/2	13-3/8	300	250 11	8-5/8	2799	1200 7-7/8	5-1/2	6590	750	
NEDU #709 (LG Warlick C #4)		30-025-06595	15/21S/37E	1980 FSL-660 FEL		WI	11/16/48	12/30/48	6662	17-1/2	13-3/8	306	300 11	8-5/8	2802	1500 7-7/8	5-1/2	6596	750	
NEDU #710 (LG Warlick C #9)		30-025-06600	15/21S/37E	990 FSL-990 FEL		O	6/19/51	8/24/51	7503	17-1/2	13-3/8	371	350 11	8-5/8	2900	1400 7-7/8	5-1/2	7465	850	
State S #1		30-025-06586	15/21S/37E	660 FNL-660 FWL		O	6/24/48	9/3/48	6660	17-1/2	13-3/8	293	300 11	8-5/8	2797	1200 7-7/8	5-1/2	6625	400	
State S #2		30-025-06609	15/21S/37E	660 FNL-660 FWL		G	9/6/48	11/17/48	6667	11	8-5/8	2603	1200			7-7/8	5-1/2	6630	500	
State S #5		30-025-06612	15/21S/37E	660 FNL-990 FWL		O	2/13/51	4/23/51	8148	17-1/2	13-3/8	294	200 11	8-5/8	2974	2000 7-7/8	5-1/2	8147	500	
State S #4		30-025-06611	15/21S/37E	660 FNL-2080 FWL		O	11/28/50	1/19/51	7896	17-1/2	13-3/8	294	300 11	8-5/8	2999	1700 7-7/8	5-1/2	7895	500	
State WD-1		30-025-33547	15/21S/37E	1340 FNL-330 FWL		SWD	9/28/96	10/4/96	2200	Does not penetrate injection zone										
State #4		30-025-06589	15/21S/37E	2310 FNL-990 FEL		O	9/8/51	10/24/51	7615	17-1/2	13-3/8	241	250 11	8-5/8	2934	1800 7-7/8	5-1/2	7566	840	
Argo #6		30-025-06603	15/21S/37E	1650 FSL-2310 FWL		O	2/27/51	4/9/51	7991	17-1/2	13-3/8	225	250 11	8-5/8	3100	2000 7-7/8	5-1/2	7790	500	
Argo #7		30-025-09915	15/21S/37E	2310 FSL-990 FWL		O	4/13/51	5/21/51	8193	17-1/2	13-3/8	223	250 11	8-5/8	2907	2000 7-7/8	5-1/2	8015	779	
Argo #8		30-025-06604	15/21S/37E	660 FSL-2310 FWL		O	5/11/51	6/28/51	8002	17-1/2	13-3/8	226	300 11	8-5/8	2915	1800				926
Argo #9		30-025-06605	15/21S/37E	330 FSL-990 FWL		O	5/29/51	7/18/51	8189	17-1/2	13-3/8	225	250 11	8-5/8	2917	1200				925
Argo #10		30-025-06606	15/21S/37E	1880 FSL-760 FWL		G	7/19/51	9/5/51	8015	17-1/2	13-3/8	241	250 11	8-5/8	2906	1700 7-7/8	5-1/2	8012	875	
Argo #11		30-025-06607	15/21S/37E	2080 FSL-1650 FWL		O	7/14/51	9/25/51	7891	17-1/2	13-3/8	228	250 11	8-5/8	2903	1950			6-3/4	800
Argo #12		30-025-06608	15/21S/37E	400 FSL-550 FWL		O	12/15/51	2/17/52	8035	17-1/2	13-3/8	227	254 11	8-5/8	2882	1900 7-7/8	5-1/2	8033	983	
LG Warlick #5		30-025-06596	15/21S/37E	330 FSL-2310 FEL		G	5/31/50	7/17/50	7827	17-1/2	13-3/8	298	350 12-1/4	9-5/8	2800	1300 7-7/8	5-1/2	7655	1100	
LG Warlick #6		30-025-06597	15/21S/37E	1650 FSL-2140 FEL		G	10/29/50	12/11/50	7847	17-1/2	13-3/8	303	300 11	8-5/8	2797	1200 7-7/8	5-1/2	7700	575	
LG Warlick #7		30-025-06598	15/21S/37E	405 FSL-2310 FEL		O	2/13/51	4/16/51	7690	17-1/2	13-3/8	305	300 11	8-5/8	2802	1300 7-7/8	5-1/2	7683	1000	
LG Warlick #8		30-025-06599	15/21S/37E	1650 FSL-990 FEL		O	4/20/51	6/16/51	7626	17-1/2	13-3/8	308	300 11	8-5/8	2803	1300 7-7/8	5-1/2	7570	800	
Harry Leonard NCT E #4		30-025-06623	16/21S/37E	660 FNL-660 FEL		O	9/20/48	12/16/48	6699	17-1/2	13-3/8	297	300 12-1/4	9-5/8	2800	1300 8-3/4	7	6645	700	
Harry Leonard NCT E #6		30-025-25198	16/21S/37E	330 FNL-660 FEL		O	1/1/76	2/10/76	6720	11	8-5/8	1305	550			7-7/8	5-1/2	6720	1050	
Harry Leonard NCT E #1		30-025-06620	16/21S/37E	1980 FNL-1980 FEL		O	8/14/47	11/24/47	6670	17-1/2	13-3/8	294	300 12-1/4	9-5/8	2150	1300 8-3/4	7	6610	700	
Leonard E #2		30-025-06621	16/21S/37E	1980 FNL-660 FEL		O	11/23/47	1/23/48	6614	17-1/2	13-3/8	301	300 12-1/4	9-5/8	2932	1300 8-3/4	7	6547	700	
Harry Leonard E #5		30-025-06624	16/21S/37E	2310 FNL-330 FEL		O	6/22/52	7/3/52	8220	15	12-3/4	268	325 11	8-5/8	2729	808 7-7/8	5-1/2	7999	131	
State DA #4		30-025-06619	16/21S/37E	1980 FSL-660 FEL		G	8/12/47	9/26/47	6644	17-1/2	13-3/8	213	200 11	8-5/8	2807	1550 7-7/8	5-1/2	6644	600	
State DA #5		30-025-06617	16/21S/37E	1980 FSL-330 FEL		O	2/4/52	5/6/52	8330	17-1/2	13-3/8	250	200 11	8-5/8	2820	1500 7-7/8	5-1/2	8225	500	
State 15 #3		30-025-06632	16/21S/37E	660 FSL-1980 FEL		O	4/13/47	6/19/47	6660	17-1/2	13-3/8	215	350 11	8-5/8	2866	1600 7-7/8	5-1/2	6659	500	
State #4		30-025-06633	16/21S/37E	660 FSL-660 FEL		O	6/22/47	7/27/47	6665	17-1/2	13-3/8	219	250 11	8-5/8	2864	1700 7-7/8	5-1/2	6664	400	
State 15 #5		30-025-06634	16/21S/37E	330 FSL-330 FEL		O	4/11/52	6/24/52	8261	17-1/2	13-3/8	293	250 11	8-5/8	2861	NIR 7-7/8	5-1/2	8251	400	
State Land 15 #6		30-025-20311	16/21S/37E	330 FSL-1660 FEL		O	9/19/63	10/18/63	7306	17-1/2	13-3/8	252	300 11	8-5/8	2990	665 7-7/8	5-1/2	7298	1005	
Elliott Federal A #1		30-025-06716	21/21S/37E	860 FNL-660 FEL		O	6/25/47	8/8/47	6630	17-1/2	13-3/8	318	300 11	8-5/8	2850	1000 7-7/8	5-1/2	6425	500	
Elliott A #3		30-025-06718	21/21S/37E	980 FNL-330 FEL		O	1/26/52	3/18/52	7845	17-1/2	13-3/8	258	300 12-1/4	9-5/8	2942	1500 7-7/8	5-1/2	7841	350	

AREA OF REVIEW / WELL DATA

WELL NAME	API NO.	S / T / R	LOCATION	WELL	SPUD DATE	COMP DATE	TD	SURFACE CASING			INTERMEDIATE CASING			PRODUCTION CASING			LINER		DEPTH	CMT	
				TYPE				HOLE	CSG	DEPTH	CMT	HOLE	CSG	DEPTH	CMT	HOLE	CSG	DEPTH			CMT
NEDU #801 (Argo A #1)	30-025-09928	22/21S/37E	660 FNL-660 FWL	O	8/21/47	11/6/47	6636	17-1/2	13-3/8	222	250	11	8-5/8	1233	600	7-7/8	5-1/2	6635	800		
NEDU #802 (Argo Oil Corp A #2)	30-025-06735	22/21S/37E	1980 FNL-660 FWL	O	10/24/47	12/15/47	6629	17-1/2	13-3/8	255	200	11	8-5/8	2913	1400	7-7/8	5-1/2	6627	600		
NEDU #803 (Argo Oil Corp A #3)	30-025-09929	22/21S/37E	660 FNL-1980 FWL	WI	7/1/48	8/20/48	6628	17-1/2	13-3/8	226	250	11	8-5/8	2918	1500	7-7/8	5-1/2	6559	750		
NEDU #804 (Argo A #11)	30-025-06743	22/21S/37E	1650 FNL-1650 FWL	O	11/16/51	1/15/62	8005	17-1/2	13-3/8	225	250	11	8-5/8	2903	1500	7-7/8	5-1/2	7843	830		
		22/21S/37E	440 FNL-2200 FWL	O	5/26/50	7/12/50	7907	17-1/2	13-3/8	227	300	11	8-5/8	2883	2000	7-7/8	5-1/2	7770	500		
Argo A #6	30-025-06738	22/21S/37E	1880 FNL-760 FWL	O	10/7/50	12/1/50	8180	17-1/2	13-3/8	226	300	11	8-5/8	2913	1700	7-7/8	5-1/2	8080	750		
Argo A #7	30-025-06739	22/21S/37E	990 FNL-990 FWL	O	3/9/51	5/9/51	8188	17-1/2	13-3/8	226	300	11	8-5/8	2928	1700	7-7/8	5-1/2	8011	500		
Argo A #8	30-025-06740	22/21S/37E	980 FNL-500 FWL	O	9/9/51	11/2/51	8035	17-1/2	13-3/8	218	250	11	8-5/8	2400	1700	7-7/8	5-1/2	8025	1125		
Argo A #9	30-025-06741	22/21S/37E	660 FNL-1660 FWL	G	9/29/51	12/4/51	8130	17-1/2	13-3/8	216	250	11	8-5/8	2874	1900					6-3/4	
Argo A #10	30-025-06742	22/21S/37E	330 FNL-2310 FEL	G	2/23/50	4/21/50	7756	17-1/2	13-3/8	294	300	12-1/4	9-5/8	2800	1300	8-3/4	7	7644	NR		870
Eubank #5	30-025-06731	22/21S/37E	450 FNL-2305 FEL	O	7/23/51	9/28/51	7630	17-1/2	13-3/8	306	300	12-1/4	9-5/8	2799	1400	8-3/4	7	7629	625		
Eubank #7	30-025-06733	22/21S/37E																			



April 07, 1999

Surface Owner

**Re: Application to Expand Waterflood Project
Northeast Drinkard Unit
Well No. 104, 107, 113, 202, 302, 402, 502, 512, 602, 611, 702
Eunice N., Blinbry-Tubb-Drinkard
Lea County, New Mexico**

Attached please find a copy of completed form C-108 with attachments on the above referenced wells, which Apache Corporation has filed with the New Mexico Oil Conservation Division.

Sincerely,

APACHE CORPORATION

A handwritten signature in cursive script, appearing to read "Debra J. Anderson".

Debra J. Anderson
Engineering Technician

Attachments

cc: State of New Mexico
Energy, Minerals & Natural Resources Dept.
Oil Conservation Division
2040 South Pacheco
Santa Fe, New Mexico 87505

**APPLICATION TO EXPAND WATERFLOOD
NORTHEAST DRINKARD UNIT
OFFSET OPERATORS**

Lewis B Burleson Inc.
Box 2479
Midland, Texas 79702
Certified Rcpt #Z116148671

F&M Oil & Gas Co.
Box 891
Midland, Texas 79702
Certified Rcpt #Z116148677

Chevron USA
Box 688
Eunice, New Mexico 88231
Certified Rcpt #Z116148672

John H. Hendrix Corp.
Box 3040
Midland, Texas 79702
Certified Rcpt #Z116148678

Collins & Ware Inc.
303 W. Wall
Suite 2200
Midland, Texas 79701
Certified Rcpt #Z116148673

Marathon Oil Co
Box 2409
Hobbs, New Mexico 88240
Certified Rcpt #Z116148679

J R Cone
Box 10217
Lubbock, Texas 79408
Certified Rcpt #Z116148674

SDX Resources Inc.
Box 5061
Midland, Texas 79704
Certified Rcpt #Z116148680

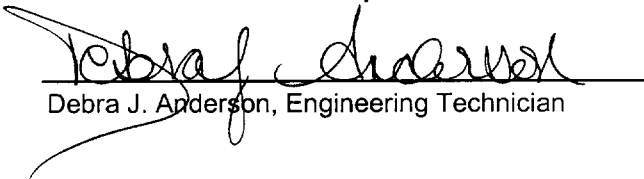
Conoco Inc.
10 Desta Drive
Suite 100W
Midland, Texas 79705
Certified Rcpt #Z116148675

Texaco E&P Inc.
205 E. Bender Blvd.
Hobbs, New Mexico 88240
Certified Rcpt #Z116148681

Exxon Co USA
Box 1600
Midland, Texas 79702
Certified Rcpt #Z116148676

Zia Energy
Box 2219
Hobbs, New Mexico 88241
Certified Rcpt #Z116148682

A copy of the application to expand the Northeast Drinkard Waterflood was mailed to the Offset Operators listed above on April 07, 1999.


Debra J. Anderson, Engineering Technician

4-7-99
Date



April 07, 1999

Offset Operator

**Re: Application to Expand Waterflood Project
Northeast Drinkard Unit
Well No. 104, 107, 113, 202, 302, 402, 502, 512, 602, 611, 702
Eunice N., Blinebry-Tubb-Drinkard
Lea County, New Mexico**

Attached please find a copy of completed form C-108 with attachments and a plat of Apache Corporation's lease, which we have filed with the New Mexico Oil Conservation Division. The plat shows the referenced wells in relation to your offset operations.

Sincerely,

APACHE CORPORATION

A handwritten signature in cursive script, appearing to read 'Debra J. Anderson', written over a horizontal line.

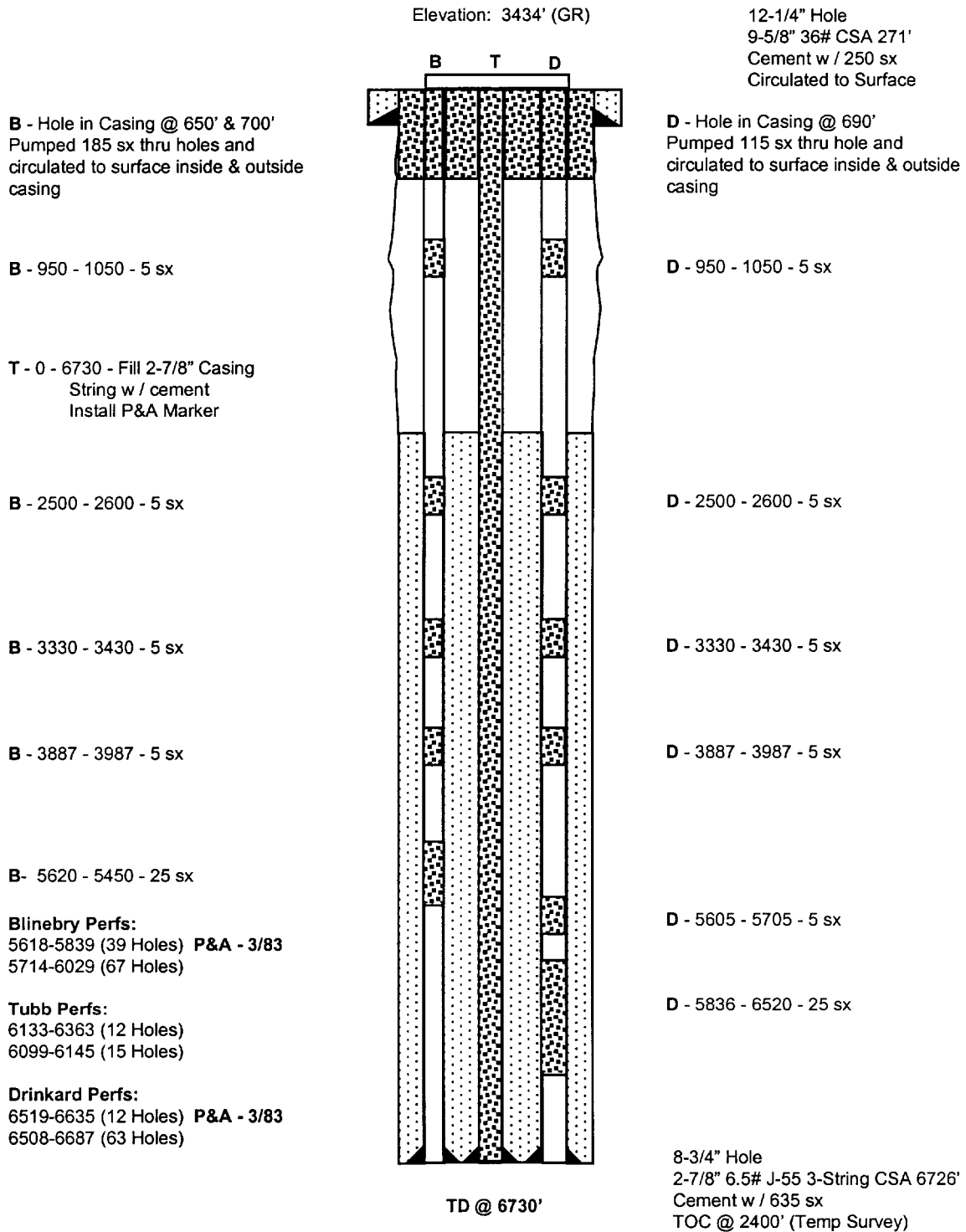
Debra J. Anderson
Engineering Technician

Attachments

cc: State of New Mexico
Energy, Minerals & Natural Resources Dept.
Oil Conservation Division
2040 South Pacheco
Santa Fe, New Mexico 87505

Well: Northeast Drinkard Unit # 205
Field: Eunice N. Blinebry-Tubb-Drinkard
Location: 3300' FSL & 660' FWL
Unit M, Sec. 3, T21S, R37E
Lea County, New Mexico
API #: 30-025-06521

Current Status:
P&A **B & D** (3 / 83)
T (2 / 96)



Well: Livingston # 4
Field: Hare (Simpson)
Location: 380' FSL & 2310' FEL
Sec. 3, T21S, R37E
Lea County, New Mexico
API #: 30-025-06515

Current Status: P&A (8 / 59)

0 - 30' - 15 sx
Install P&A marker

1670' - 1770' - 30 sx
Top of tubing @ 1720'
left in hole (unable to fish)

7255' - 7400' - 25 sx
Spotted thru split in tubing
left in hole (unable to fish)

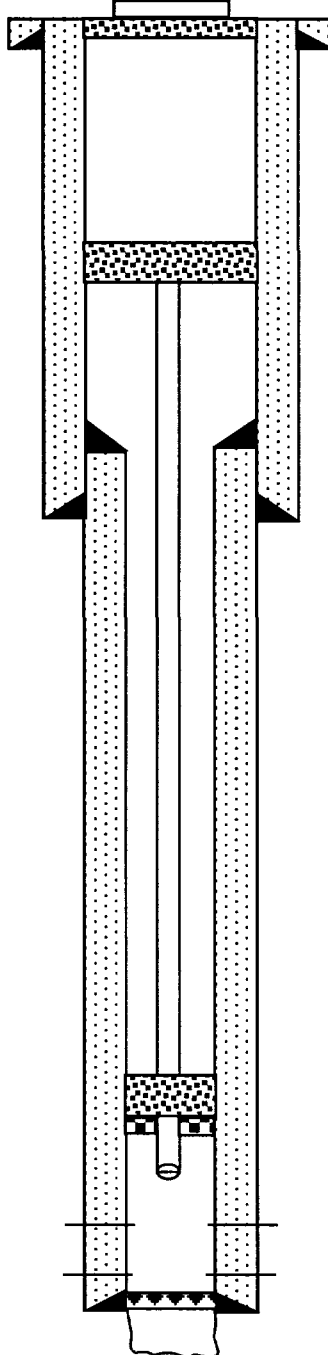
McKee Perfs:
7641-7826

Ellenburger Perfs:
7933-59

CIBP @ 8000'

Ellenburger Open Hole:
8018-8167

Elevation: 3420' (GR)



17-1/2" Hole
13-3/8" 48# H-40 CSA 151'
Cement w / 200 sx
Circulated to Surface

11" Hole
8-5/8" 32# J-55 CSA 3147'
Cement w / 2000 sx
Circulated to Surface

Packer @ 7400'

7-7/8" Hole
5-1/2" 15.5/17# J-55 LSA 8018'
Cement w / 870 sx
TOL @ 2961'

TD @ 8167'

Well: Hawk B-10 No. 3

Field: Hare (Simpson)

Current Status: P&A (9 / 90)

Location: 1980' FNL & 1980' FEL
Unit G, Sec. 10, T21S, R37E
Lea County, New Mexico

API #: 30-025-06452

Fill 10-3/4" x 7-5/8" annulus
to 320' w / 60 sx - Install P&A
marker

Perf 5-1/2" casing @ 320'
Fill up 7-5/8" x 5-1/2" annulus
& set surface plug w / 65 sx

1314' - 1420' - 11 sx

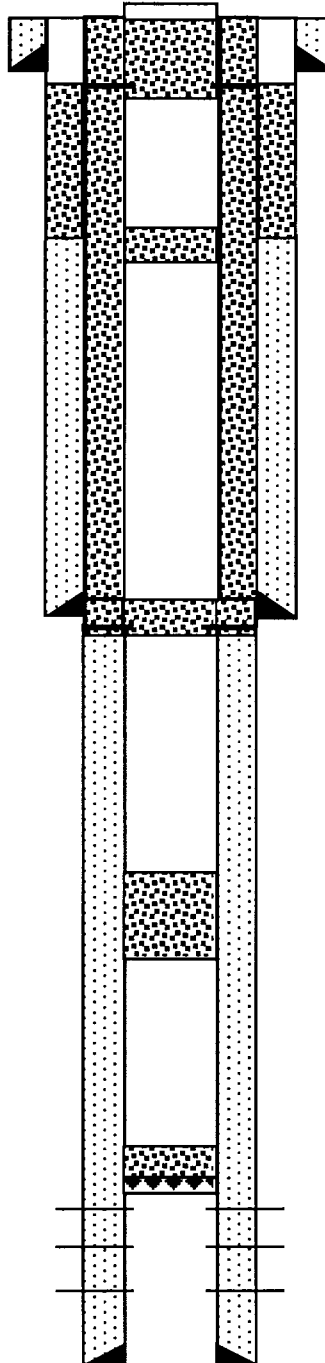
Perf 5-1/2" casing @ 3135'
Spot 106' plug inside/outside
casing / 3044' - 3150' - 25 sx

5544' - 5750' - 23 sx

CIBP @ 7420' w / 12 sx
Top of plug @ 7312'

Hare Simpson (McKee) Perfs:
7470-96, 7500-98, 7603-98,
7702-36 (112 Holes)

Elevation: 3450' (GR)



13-3/8" Hole
10-3/4" 32.75# H-40 CSA 268'
Cement w / 250 sx
Circulated to Surface

9-7/8" Hole
7-5/8" 24# H-40 CSA 3099'
Cement w / 1150 sx
TOC @ 1350' (Temp Survey)

6-3/4" Hole
5-1/2" 14/15.5/17# J-55 CSA 7980'
Cement w / 750 sx
TOC @ 3140' (Temp Survey)

TD @ 7981'

Well: New Mexico State V # 2

Field: Drinkard

Current Status: P&A (3 / 54)

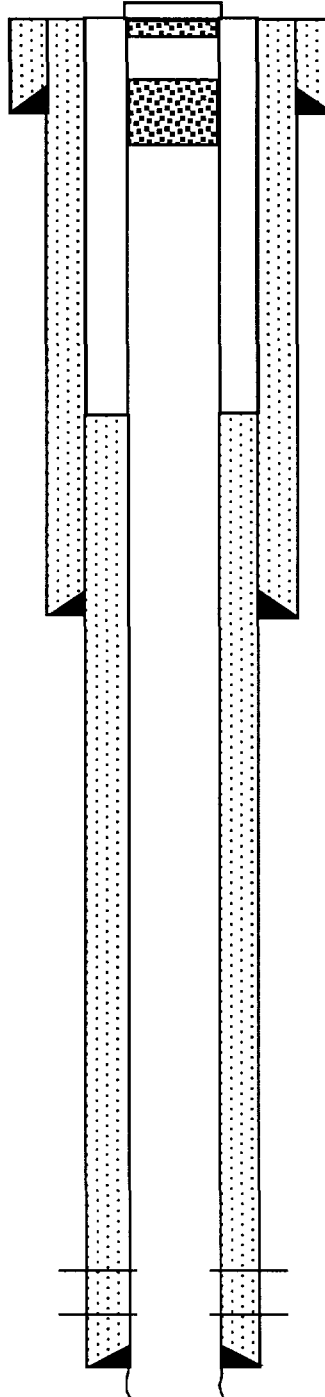
Location: 660' FSL & 1980' FWL
Unit N, Sec. 10, T21S, R37E
Lea County, New Mexico

API #: 30-025-06464

0 - 45' - 40 sx
Install P&A marker

277' - 477' - 200 sx

Elevation: 3464' (GR)



13-3/8" Hole
10-3/4" 32.75# H-40 CSA 331'
Cement w / 275 sx
Circulated to Surface

9-7/8" Hole
7-5/8" 26# H-40 CSA 3194'
Cement w / 1250 sx
TOC @ Surface (Calculated)

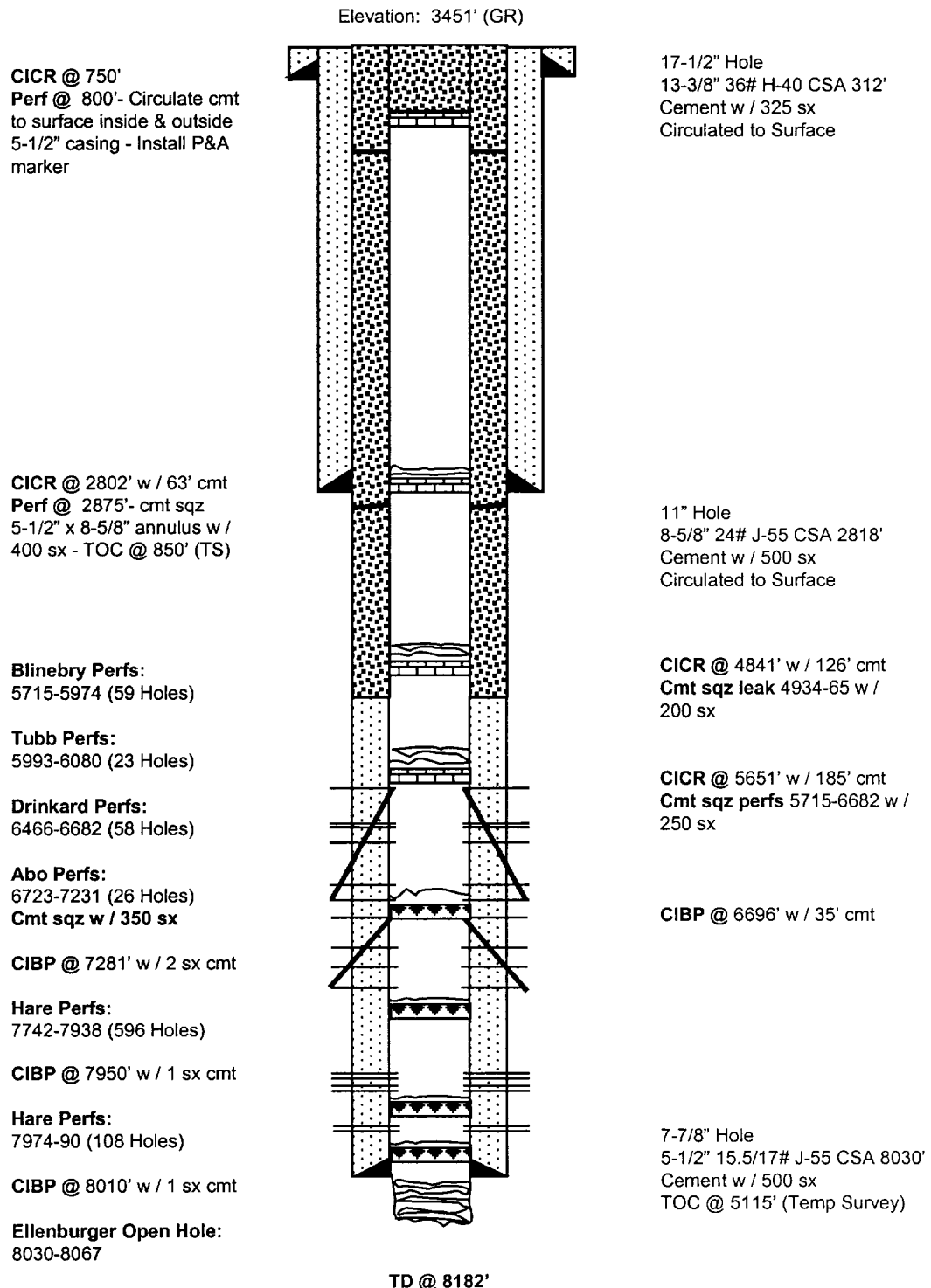
Drinkard Perfs:
6536-6643

6-3/4" Hole
5-1/2" 14# J-55 CSA 6655'
Cement w / 575 sx
TOC @ 2200 (Calculated)

TD @ 6751'

Well: Northeast Drinkard Unit # 603
Field: Eunice N. Blinebry-Tubb-Drinkard
Location: 3390' FNL & 760' FWL
Unit E, Sec. 15, T21S, R37E
Lea County, New Mexico
API #: 30-025-09913

Current Status: P&A (11 / 93)





STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION
HOBBS DISTRICT OFFICE

GOVERNOR

4/21/99

POST OFFICE BOX 1980
HOBBS, NEW MEXICO 88241-1980
(505) 393-6161

OIL CONSERVATION DIVISION
P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

RE: Proposed:

MC _____
DHC _____
NSL _____
NSP _____
SWD _____
WFX _____
PMX _____

Gentlemen:

I have examined the application for the:

Apache Corp
Operator Lease & Well No.

and my recommendations are as follows:

OK - Chris Williams

Yours very truly,

Chris Williams

Chris Williams
Supervisor, District 1

/ed

Lease/Unit Name: Northeast Drinkard Unit
Well No. 104 - (formerly Glenn Taylor #2)
Location: 1582' FNL & 330' FWL, Section 3, T21S, R37E Unit E
Well No. 107 - (formerly Tylor-Glenn #9)
Location: 1585' FNL & 1980' FWL, Section 3, T21S, R37E Unit F
Well No. 119 - (formerly W. C. Hawk B-3 #4)
Location: 1980' FNL & 660' FWL, Section 3, T21S, R37E Unit H
Well No. 202 - (formerly Livingston #13)
Location: 3330' FNL & 467' FWL, Section 4, T21S, R37E Unit I
Well No. 302 - (formerly Livingston #5)
Location: 660' FSL & 330' FWL, Section 3, T21S, R37E Unit U
Well No. 402 - (formerly State 10 #2)
Location: 1980' FNL & 990' FWL, Section 10, T21S, R37E Unit E
Well No. 502 - (formerly NM State V #1)
Location: 660' FSL & 660' FWL, Section 10, T21S, R37E Unit M
Well No. 512 - (formerly J. H. Nolan #3)
Location: 1980' FSL & 1980' FWL, Section 11, T21S, R37E Unit K
Well No. 602 - (formerly State S #1)
Location: 1980' FNL & 660' FWL, Section 15, T21S, R37E Unit E
Well No. 611 - (formerly State #1)
Location: 1980' FNL & 1978' FWL, Section 15, T21S, R37E Unit G
Well No. 702 - (formerly Argo Oil Corp #1)
Location: 660' FSL & 660' FWL, Section 15, T21S, R37E Unit M