

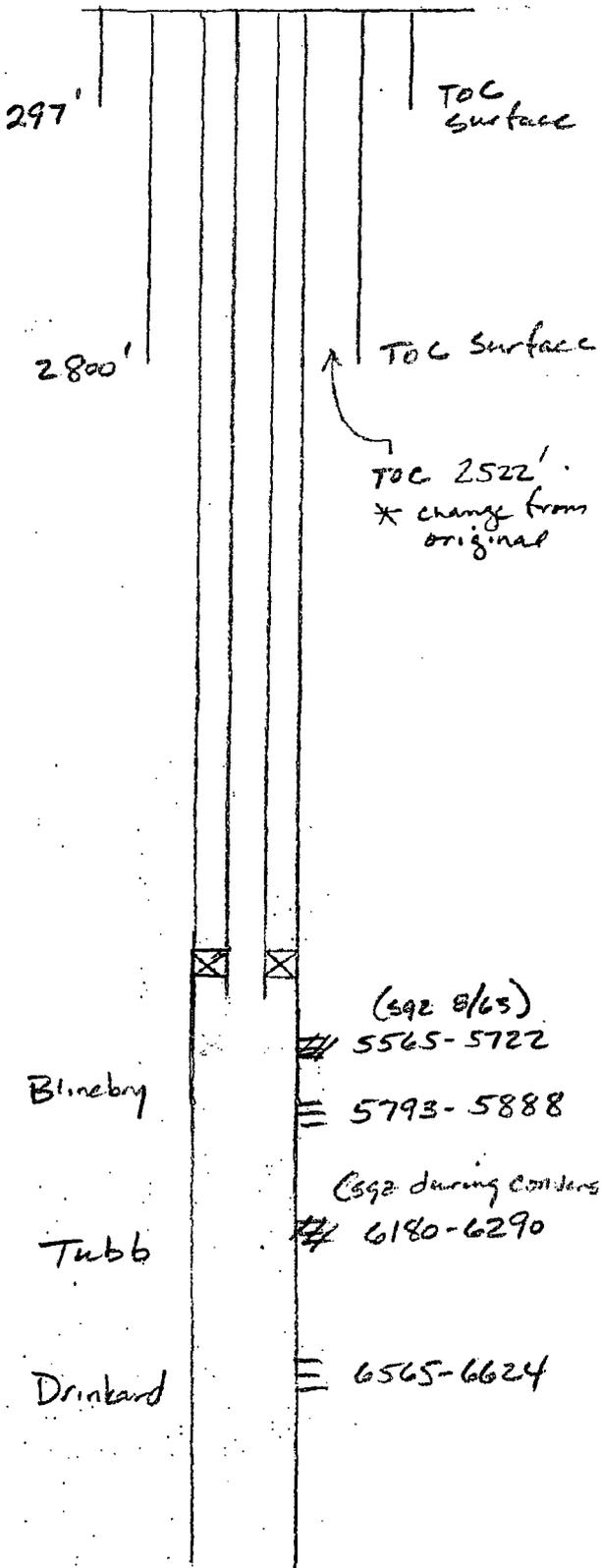
INJECTION WELL DATA SHEET (Post Conversion)

OPERATOR: Apache Corp  
 WELL NAME & NUMBER: Harry Leonard NCT E #4 (w/BDU #57)  
 WELL LOCATION: \_\_\_\_\_

FOOTAGE LOCATION      UNIT LETTER      SECTION      TOWNSHIP      RANGE

WELLBORE SCHEMATIC

WELL CONSTRUCTION DATA  
Surface Casing



Hole Size: \_\_\_\_\_ Casing Size: \_\_\_\_\_  
 Cemented with: \_\_\_\_\_ sx. or \_\_\_\_\_ ft<sup>3</sup>  
 Top of Cement: \_\_\_\_\_ Method Determined: \_\_\_\_\_

Intermediate Casing

Hole Size: \_\_\_\_\_ Casing Size: \_\_\_\_\_  
 Cemented with: \_\_\_\_\_ sx. or \_\_\_\_\_ ft<sup>3</sup>  
 Top of Cement: \_\_\_\_\_ Method Determined: \_\_\_\_\_

Production Casing

Hole Size: \_\_\_\_\_ Casing Size: \_\_\_\_\_  
 Cemented with: \_\_\_\_\_ sx. or \_\_\_\_\_ ft<sup>3</sup>  
 Top of Cement: \_\_\_\_\_ Method Determined: \_\_\_\_\_

Total Depth: \_\_\_\_\_

Injection Interval

5793 feet to 6690

(Perforated or Open Hole; indicate which)

INJECTION WELL DATA SHEET

Tubing Size: 2 3/8 Lining Material: Plastic  
 Type of Packer: Coated dual grip  
 Packer Setting Depth: ± 5500'  
 Other Type of Tubing/Casing Seal (if applicable): \_\_\_\_\_

Additional Data

- Is this a new well drilled for injection?  Yes  No  
 If no, for what purpose was the well originally drilled? \_\_\_\_\_
- Name of the Injection Formation: \_\_\_\_\_
- Name of Field or Pool (if applicable): \_\_\_\_\_
- 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. \_\_\_\_\_
- Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area: \_\_\_\_\_

See "current" schematics in original C-108 exhibit #32 case # 14126

(sqz 8/65)  
 # 5565-5722

= 5793-5888

(sqz during conversions)  
 # 6180-6290

= 6565-6624

Blinberry

Tubb

Drinkard

Oil Conservation Division  
 Case No. 32B  
 Exhibit No. 32B

OPERATOR: Apache Corp

WELL NAME & NUMBER: Hawk A #2 (WBDU #20)

WELL LOCATION: FOOTAGE LOCATION UNIT LETTER SECTION TOWNSHIP RANGE

WELLBORE SCHEMATIC

WELL CONSTRUCTION DATA

Surface Casing

Hole Size: \_\_\_\_\_ Casing Size: \_\_\_\_\_

Cemented with: \_\_\_\_\_ sx. or \_\_\_\_\_ ft<sup>3</sup>

Top of Cement: \_\_\_\_\_ Method Determined: \_\_\_\_\_

Intermediate Casing

Hole Size: \_\_\_\_\_ Casing Size: \_\_\_\_\_

Cemented with: \_\_\_\_\_ sx. or \_\_\_\_\_ ft<sup>3</sup>

Top of Cement: \_\_\_\_\_ Method Determined: \_\_\_\_\_

Production Casing

Hole Size: \_\_\_\_\_ Casing Size: \_\_\_\_\_

Cemented with: \_\_\_\_\_ sx. or \_\_\_\_\_ ft<sup>3</sup>

Top of Cement: \_\_\_\_\_ Method Determined: \_\_\_\_\_

Total Depth: \_\_\_\_\_

Injection Interval

5785 feet to 6643

(Perforated or Open Hole; indicate which)

INJECTION WELL DATA SHEET

Tubing Size: 2 3/8 Lining Material: Plastic

Type of Packer: coated dual grip

Packer Setting Depth: ± 5700'

Other Type of Tubing/Casing Seal (if applicable): \_\_\_\_\_

Additional Data

1. Is this a new well drilled for injection? Yes No  
If no, for what purpose was the well originally drilled? \_\_\_\_\_

Name of the Injection Formation: \_\_\_\_\_

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

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e. sacks of cement or plug(s) used. \_\_\_\_\_

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

220'

TOC surface

2859'

TOC 1190'

TOC 2438'

\* change from original

Grayburg

# 3507'-3685'  
(sqz w/300sx)  
10/65

Blinberry

≡ 5785-6050

Tubb

(sqz during conversion)  
# 6298-6432

Drinkard

≡ 6553-6643

# 6664-6720  
(sqz'd 5/50)

See "Current" schematics in original C-108 exhibit # 32 case # 14126

INJECTION WELL DATA SHEET (Post Conversion)

OPERATOR: Apache Corp

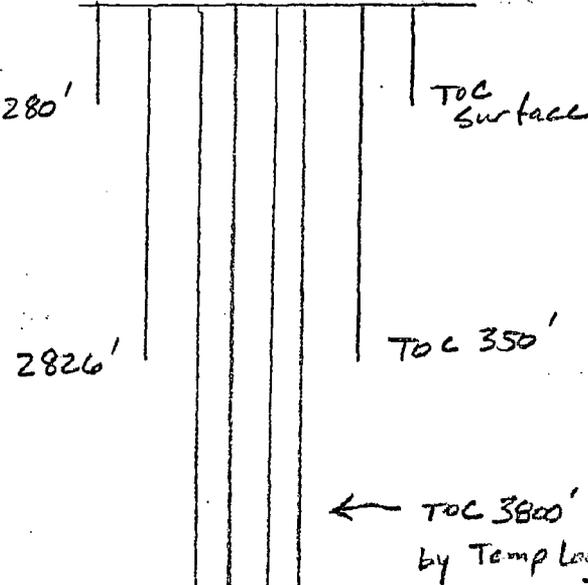
WELL NAME & NUMBER: Hawk A #3 (WBDU #21)

WELL LOCATION: \_\_\_\_\_

FOOTAGE LOCATION      UNIT LETTER      SECTION      TOWNSHIP      RANGE

WELLBORE SCHEMATIC

WELL CONSTRUCTION DATA  
Surface Casing



Hole Size: \_\_\_\_\_ Casing Size: \_\_\_\_\_

Cemented with: \_\_\_\_\_ sx. or \_\_\_\_\_ ft<sup>3</sup>

Top of Cement: \_\_\_\_\_ Method Determined: \_\_\_\_\_

Intermediate Casing

Hole Size: \_\_\_\_\_ Casing Size: \_\_\_\_\_

Cemented with: \_\_\_\_\_ sx. or \_\_\_\_\_ ft<sup>3</sup>

Top of Cement: \_\_\_\_\_ Method Determined: \_\_\_\_\_

Production Casing

Hole Size: \_\_\_\_\_ Casing Size: \_\_\_\_\_

Cemented with: \_\_\_\_\_ sx. or \_\_\_\_\_ ft<sup>3</sup>

Top of Cement: \_\_\_\_\_ Method Determined: \_\_\_\_\_

Total Depth: \_\_\_\_\_

Injection Interval

5787 feet to 6710

(Perforated or Open Hole; indicate which)

INJECTION WELL DATA SHEET

Tubing Size: 2 3/8 Lining Material: Plastic

Type of Packer: Coated dual grip

Packer Setting Depth: ± 5750'

Other Type of Tubing/Casing Seal (if applicable): \_\_\_\_\_

Additional Data

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

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

2. Name of the Injection Formation: \_\_\_\_\_

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

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e. sacks of cement or plug(s) used. \_\_\_\_\_

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

Blinbry

≡ 5787-6001

Drinkard (O.H.)

6684'  
6710'

See "Current" schematics in original C-108 exhibit #32 case # 14126

INJECTION WELL DATA SHEET

(Post Conversion)

OPERATOR: Apache Corp

WELL NAME & NUMBER: Hawk A #5 (WBDU #23)

WELL LOCATION: \_\_\_\_\_

FOOTAGE LOCATION      UNIT LETTER      SECTION      TOWNSHIP      RANGE

WELLBORE SCHEMATIC

WELL CONSTRUCTION DATA

Surface Casing

Hole Size: \_\_\_\_\_ Casing Size: \_\_\_\_\_

Cemented with: \_\_\_\_\_ sx. or \_\_\_\_\_ ft<sup>3</sup>

Top of Cement: \_\_\_\_\_ Method Determined: \_\_\_\_\_

Intermediate Casing

Hole Size: \_\_\_\_\_ Casing Size: \_\_\_\_\_

Cemented with: \_\_\_\_\_ sx. or \_\_\_\_\_ ft<sup>3</sup>

Top of Cement: \_\_\_\_\_ Method Determined: \_\_\_\_\_

Production Casing

Hole Size: \_\_\_\_\_ Casing Size: \_\_\_\_\_

Cemented with: \_\_\_\_\_ sx. or \_\_\_\_\_ ft<sup>3</sup>

Top of Cement: \_\_\_\_\_ Method Determined: \_\_\_\_\_

Total Depth: \_\_\_\_\_

Injection Interval

5760 feet to 6781

(Perforated or Open Hole; indicate which)

INJECTION WELL DATA SHEET

Tubing Size: 2 3/8 Lining Material: Plastic

Type of Packer: Coated dual grip

Packer Setting Depth: ± 5700'

Other Type of Tubing/Casing Seal (if applicable): \_\_\_\_\_

Additional Data

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

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

2. Name of the Injection Formation: \_\_\_\_\_

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

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e. sacks of cement or plug(s) used. \_\_\_\_\_

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

See "current" schematics in original C-108 exhibit #32 case # 14126

(NA)

TOC surface

TOC 1300' by Temp Log

1325'

Queen Period

3000'-3333  
3394-3770  
(5 1/2" w/ 3055x)  
10/07

Blindeby

5760-6019

Tubb

(5 1/2" during conversion)  
6198-6400

Drinkard

6586-6781

INJECTION WELL DATA SHEET

(Post Conversion)

OPERATOR:

Apache Corp

WELL NAME & NUMBER:

Hawk A #8 (WBDU #26)

WELL LOCATION:

FOOTAGE LOCATION

UNIT LETTER

SECTION

TOWNSHIP

RANGE

WELLBORE SCHEMATIC

WELL CONSTRUCTION DATA

Surface Casing

Hole Size: \_\_\_\_\_ Casing Size: \_\_\_\_\_

Cemented with: \_\_\_\_\_ sx. or \_\_\_\_\_ ft<sup>3</sup>

Top of Cement: \_\_\_\_\_ Method Determined: \_\_\_\_\_

Intermediate Casing

Hole Size: \_\_\_\_\_ Casing Size: \_\_\_\_\_

Cemented with: \_\_\_\_\_ sx. or \_\_\_\_\_ ft<sup>3</sup>

Top of Cement: \_\_\_\_\_ Method Determined: \_\_\_\_\_

Production Casing

Hole Size: \_\_\_\_\_ Casing Size: \_\_\_\_\_

Cemented with: \_\_\_\_\_ sx. or \_\_\_\_\_ ft<sup>3</sup>

Top of Cement: \_\_\_\_\_ Method Determined: \_\_\_\_\_

Total Depth: \_\_\_\_\_

Injection Interval

5673 feet to 6775

(Perforated or Open Hole; indicate which)

INJECTION WELL DATA SHEET

Tubing Size: 2 3/8 Lining Material: Plastic

Type of Packer: Coated dual grip

Packer Setting Depth: ± 5000'

Other Type of Tubing/Casing Seal (if applicable): \_\_\_\_\_

Additional Data

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

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

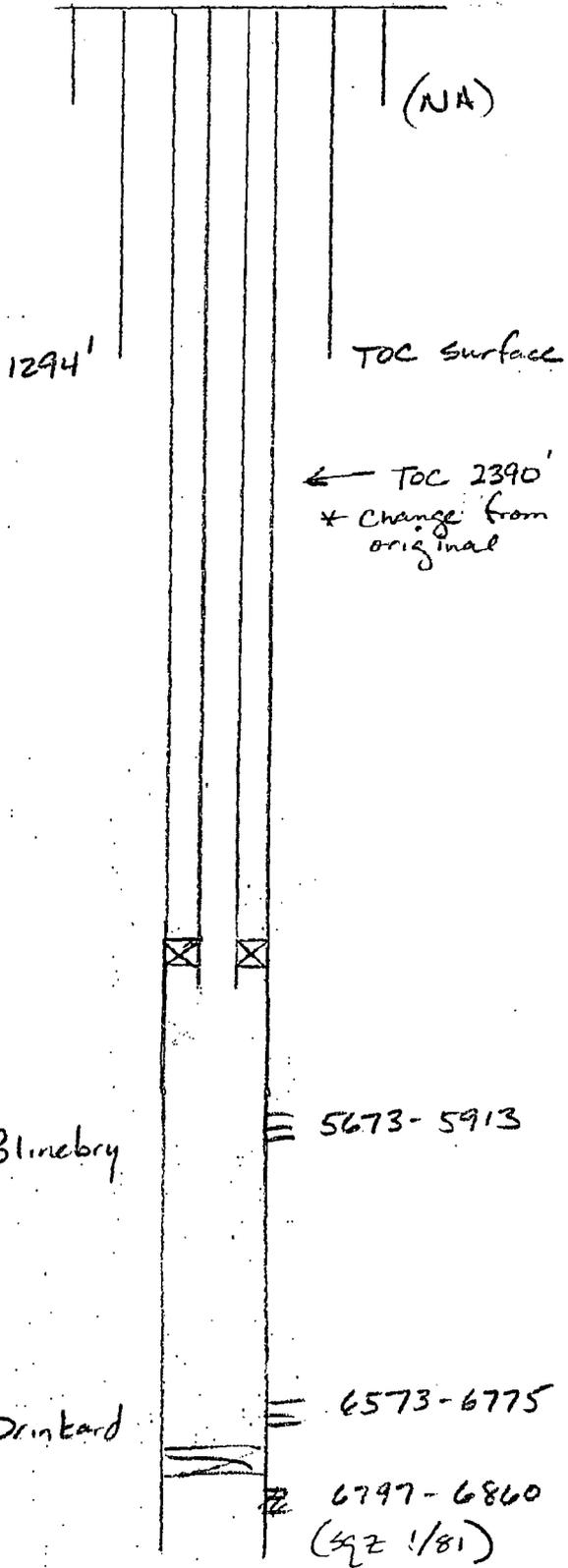
2. Name of the Injection Formation: \_\_\_\_\_

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

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e. sacks of cement or plug(s) used. \_\_\_\_\_

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

See "current" schematics in original C-108 exhibit #32 case # 14126



INJECTION WELL DATA SHEET

(Post Conversion)

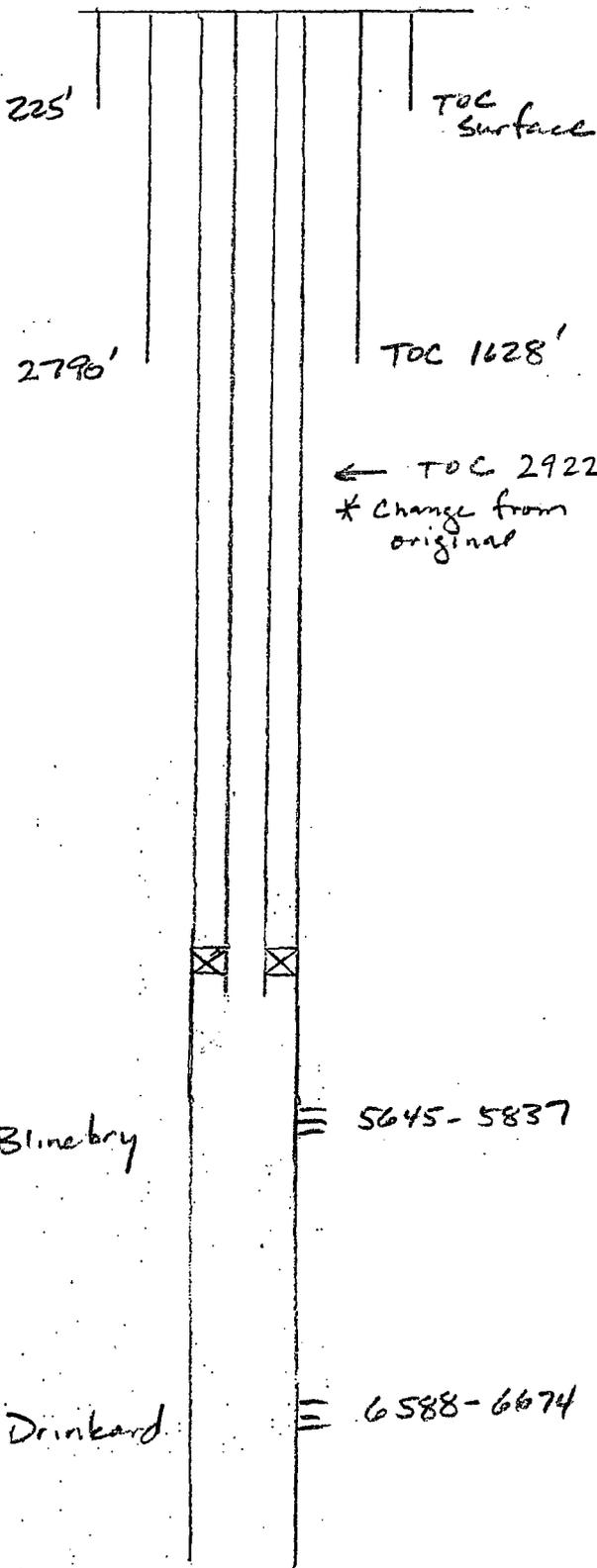
OPERATOR: Apache Corp

WELL NAME & NUMBER: Hawk B-1 A/C 1 #1 (WBDK #32)

WELL LOCATION: FOOTAGE LOCATION UNIT LETTER SECTION TOWNSHIP RANGE

WELLBORE SCHEMATIC

WELL CONSTRUCTION DATA



Hole Size: \_\_\_\_\_ Casing Size: \_\_\_\_\_

Cemented with: \_\_\_\_\_ sx. or \_\_\_\_\_ ft<sup>3</sup>

Top of Cement: \_\_\_\_\_ Method Determined: \_\_\_\_\_

Intermediate Casing

Hole Size: \_\_\_\_\_ Casing Size: \_\_\_\_\_

Cemented with: \_\_\_\_\_ sx. or \_\_\_\_\_ ft<sup>3</sup>

Top of Cement: \_\_\_\_\_ Method Determined: \_\_\_\_\_

Production Casing

Hole Size: \_\_\_\_\_ Casing Size: \_\_\_\_\_

Cemented with: \_\_\_\_\_ sx. or \_\_\_\_\_ ft<sup>3</sup>

Top of Cement: \_\_\_\_\_ Method Determined: \_\_\_\_\_

Total Depth: \_\_\_\_\_

Injection Interval

5645 feet to 6674

(Perforated or Open Hole; indicate which)

See "current" schematics in original C-108 exhibit #32 case # 14126

INJECTION WELL DATA SHEET

Tubing Size: 2 3/8 Lining Material: Plastic

Type of Packer: Coated dual grip

Packer Setting Depth: ± 5600'

Other Type of Tubing/Casing Seal (if applicable): \_\_\_\_\_

Additional Data

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

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

2. Name of the Injection Formation: \_\_\_\_\_

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

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e. sacks of cement or plug(s) used. \_\_\_\_\_

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

\_\_\_\_\_

\_\_\_\_\_

INJECTION WELL DATA SHEET

(Post Conversion)

OPERATOR:

Apache Corp

WELL NAME & NUMBER:

Hawk B-1 #2 (WBDK #33)

WELL LOCATION:

FOOTAGE LOCATION

UNIT LETTER

SECTION

TOWNSHIP

RANGE

WELLBORE SCHEMATIC

WELL CONSTRUCTION DATA

Surface Casing

Hole Size: \_\_\_\_\_ Casing Size: \_\_\_\_\_

Cemented with: \_\_\_\_\_ sx. or \_\_\_\_\_ ft<sup>3</sup>

Top of Cement: \_\_\_\_\_ Method Determined: \_\_\_\_\_

Intermediate Casing

Hole Size: \_\_\_\_\_ Casing Size: \_\_\_\_\_

Cemented with: \_\_\_\_\_ sx. or \_\_\_\_\_ ft<sup>3</sup>

Top of Cement: \_\_\_\_\_ Method Determined: \_\_\_\_\_

Production Casing

Hole Size: \_\_\_\_\_ Casing Size: \_\_\_\_\_

Cemented with: \_\_\_\_\_ sx. or \_\_\_\_\_ ft<sup>3</sup>

Top of Cement: \_\_\_\_\_ Method Determined: \_\_\_\_\_

Total Depth: \_\_\_\_\_

Injection Interval

5844 feet to 6735

(Perforated or Open Hole; indicate which)

INJECTION WELL DATA SHEET

Tubing Size: 2 3/8 Lining Material: Plastic

Type of Packer: Coated dual grip

Packer Setting Depth: ± 5600' (change from original) \*

Other Type of Tubing/Casing Seal (if applicable): \_\_\_\_\_

Additional Data

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

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

2. Name of the Injection Formation: \_\_\_\_\_

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

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e. sacks of cement or plug(s) used. \_\_\_\_\_

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

200'

TDC surface

2789'

TDC 1410'

← TDC 2942'

(492 12/63)

≠ 5652-5895

≡ 5844-5994

Blinberry

6561

Drinkard (Perf & O.H.)

6735

See "Current" schematics in original C-10B exhibit #32 case # 14126

INJECTION WELL DATA SHEET

(Post Conversion)

OPERATOR: Apache Corp

WELL NAME & NUMBER: Hawk B-1 #3 (WBDU #34)

WELL LOCATION: \_\_\_\_\_

FOOTAGE LOCATION                      UNIT LETTER                      SECTION                      TOWNSHIP                      RANGE

WELLBORE SCHEMATIC

WELL CONSTRUCTION DATA

Surface Casing

Hole Size: \_\_\_\_\_ Casing Size: \_\_\_\_\_

Cemented with: \_\_\_\_\_ sx. or \_\_\_\_\_ ft<sup>3</sup>

Top of Cement: \_\_\_\_\_ Method Determined: \_\_\_\_\_

Intermediate Casing

Hole Size: \_\_\_\_\_ Casing Size: \_\_\_\_\_

Cemented with: \_\_\_\_\_ sx. or \_\_\_\_\_ ft<sup>3</sup>

Top of Cement: \_\_\_\_\_ Method Determined: \_\_\_\_\_

Production Casing

Hole Size: \_\_\_\_\_ Casing Size: \_\_\_\_\_

Cemented with: \_\_\_\_\_ sx. or \_\_\_\_\_ ft<sup>3</sup>

Top of Cement: \_\_\_\_\_ Method Determined: \_\_\_\_\_

Total Depth: \_\_\_\_\_

Injection Interval

5776 feet to 6676

(Perforated or Open Hole; indicate which)

INJECTION WELL DATA SHEET

Tubing Size: 2 3/8 Lining Material: Plastic

Type of Packer: Coated Dual grip

Packer Setting Depth: ± 5700

Other Type of Tubing/Casing Seal (if applicable): \_\_\_\_\_

Additional Data

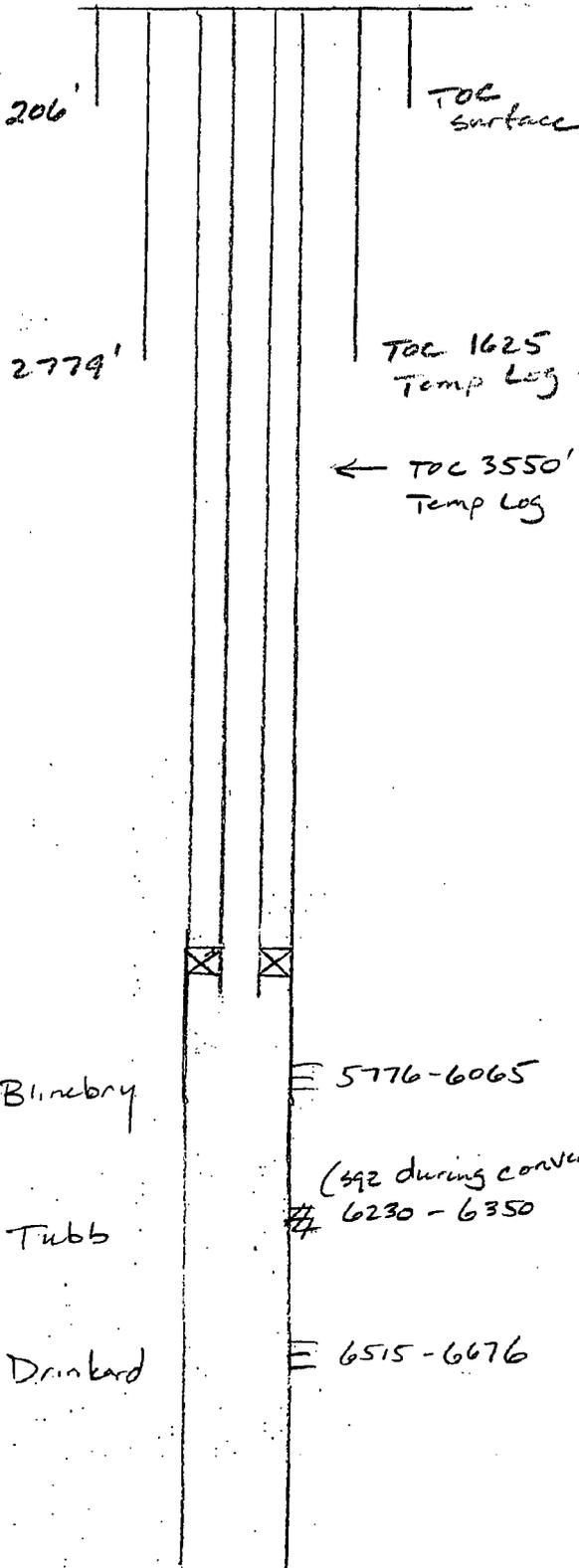
1. Is this a new well drilled for injection?  Yes  No  
If no, for what purpose was the well originally drilled? \_\_\_\_\_

2. Name of the Injection Formation: \_\_\_\_\_

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

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e. sacks of cement or plug(s) used. \_\_\_\_\_

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



See "current" schematics in original C-108 exhibit #32 case # 14126

Blinberry  
Tubbs  
Drinkard

5776-6065

(492 during conversion)  
6230-6350

6515-6676

OPERATOR: Apache Corp

WELL NAME & NUMBER: Hawk B-1 #4 (WBDC #35)

WELL LOCATION: FOOTAGE LOCATION UNIT LETTER SECTION TOWNSHIP RANGE

WELLBORE SCHEMATIC

WELL CONSTRUCTION DATA

Surface Casing

Hole Size: \_\_\_\_\_ Casing Size: \_\_\_\_\_

Cemented with: \_\_\_\_\_ sx. or \_\_\_\_\_ ft<sup>3</sup>

Top of Cement: \_\_\_\_\_ Method Determined: \_\_\_\_\_

Intermediate Casing

Hole Size: \_\_\_\_\_ Casing Size: \_\_\_\_\_

Cemented with: \_\_\_\_\_ sx. or \_\_\_\_\_ ft<sup>3</sup>

Top of Cement: \_\_\_\_\_ Method Determined: \_\_\_\_\_

Production Casing

Hole Size: \_\_\_\_\_ Casing Size: \_\_\_\_\_

Cemented with: \_\_\_\_\_ sx. or \_\_\_\_\_ ft<sup>3</sup>

Top of Cement: \_\_\_\_\_ Method Determined: \_\_\_\_\_

Total Depth: \_\_\_\_\_

Injection Interval

5799 feet to 6577

(Perforated or Open Hole; indicate which)

INJECTION WELL DATA SHEET

Tubing Size: 2 3/8 Lining Material: plastic

Type of Packer: Coated Dual Grip

Packer Setting Depth: ± 5700'

Other Type of Tubing/Casing Seal (if applicable): \_\_\_\_\_

Additional Data

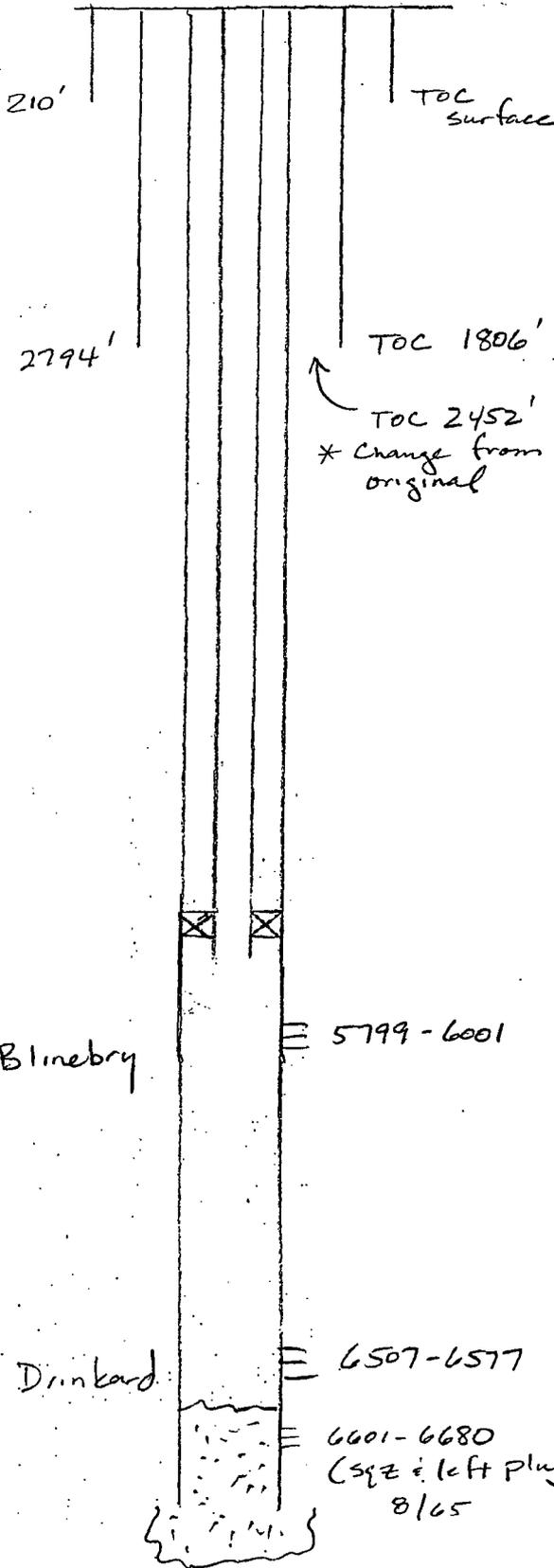
1. Is this a new well drilled for injection?  Yes  No  
If no, for what purpose was the well originally drilled? \_\_\_\_\_

2. Name of the Injection Formation: \_\_\_\_\_

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

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e. sacks of cement or plug(s) used. \_\_\_\_\_

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



See "Current" schematics in original C-108 exhibit #32 case # 14126

INJECTION WELL DATA SHEET

(Post Conversion)

OPERATOR: Apache Corp

WELL NAME & NUMBER: Hawk B-1 #5 (WBDU #36)

WELL LOCATION: FOOTAGE LOCATION UNIT LETTER SECTION TOWNSHIP RANGE

WELLBORE SCHEMATIC

WELL CONSTRUCTION DATA

Surface Casing

Hole Size: \_\_\_\_\_ Casing Size: \_\_\_\_\_  
Cemented with: \_\_\_\_\_ sx. or \_\_\_\_\_ ft'  
Top of Cement: \_\_\_\_\_ Method Determined: \_\_\_\_\_

Intermediate Casing

Hole Size: \_\_\_\_\_ Casing Size: \_\_\_\_\_  
Cemented with: \_\_\_\_\_ sx. or \_\_\_\_\_ ft'  
Top of Cement: \_\_\_\_\_ Method Determined: \_\_\_\_\_

Production Casing

Hole Size: \_\_\_\_\_ Casing Size: \_\_\_\_\_  
Cemented with: \_\_\_\_\_ sx. or \_\_\_\_\_ ft'  
Top of Cement: \_\_\_\_\_ Method Determined: \_\_\_\_\_

Total Depth: \_\_\_\_\_

Injection Interval

5674 feet to 6706

(Perforated or Open Hole; indicate which)

INJECTION WELL DATA SHEET

Tubing Size: 2 3/8 Lining Material: Plastic

Type of Packer: Coated Dual grip

Packer Setting Depth: ± 5600

Other Type of Tubing/Casing Seal (if applicable): \_\_\_\_\_

Additional Data

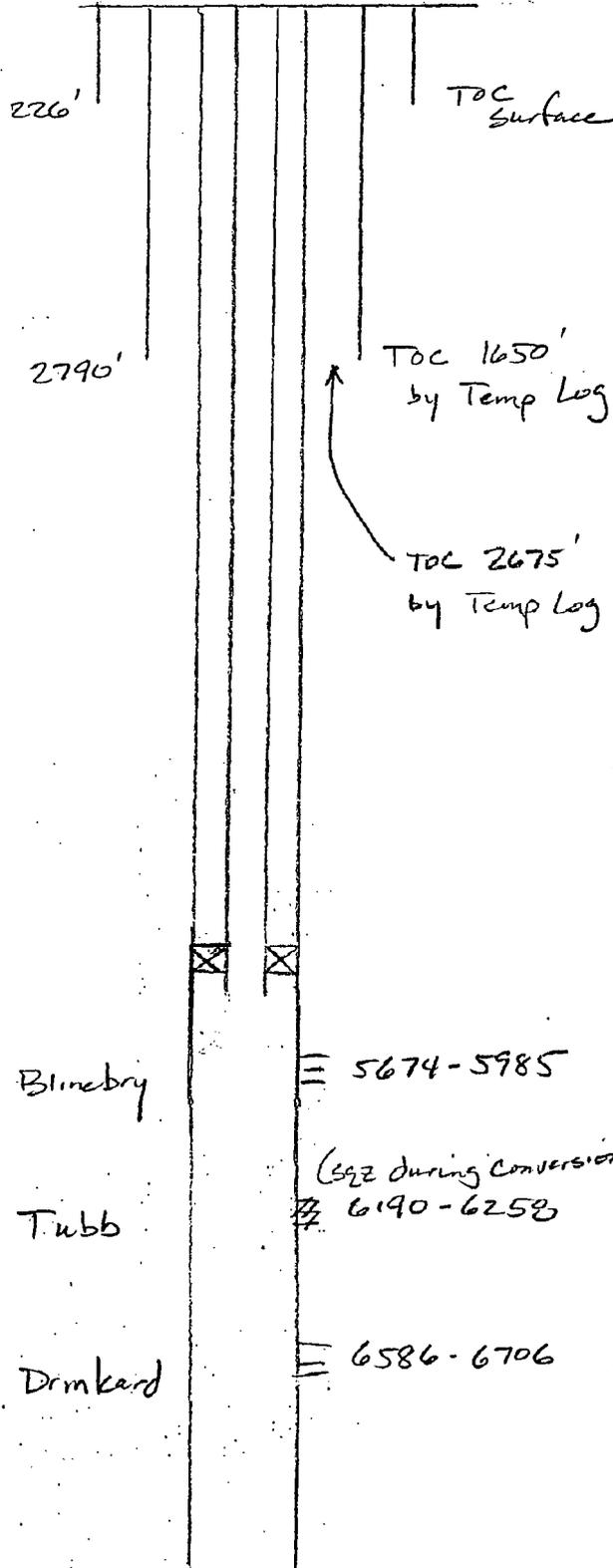
1. Is this a new well drilled for injection?        Yes        No  
If no, for what purpose was the well originally drilled? \_\_\_\_\_

Name of the Injection Formation: \_\_\_\_\_

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

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e. sacks of cement or plug(s) used. \_\_\_\_\_

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



See "current" schematics in original C-108 exhibit #32 case # 14126

(Post Conversion)

OPERATOR: Apache Corp

WELL NAME & NUMBER: Hawk B-1 #B (WBDU #38)

WELL LOCATION: FOOTAGE LOCATION UNIT LETTER SECTION TOWNSHIP RANGE

WELLBORE SCHEMATIC

WELL CONSTRUCTION DATA

Surface Casing

Hole Size: \_\_\_\_\_ Casing Size: \_\_\_\_\_

Cemented with: \_\_\_\_\_ sx. or \_\_\_\_\_ ft<sup>3</sup>

Top of Cement: \_\_\_\_\_ Method Determined: \_\_\_\_\_

Intermediate Casing

Hole Size: \_\_\_\_\_ Casing Size: \_\_\_\_\_

Cemented with: \_\_\_\_\_ sx. or \_\_\_\_\_ ft<sup>3</sup>

Top of Cement: \_\_\_\_\_ Method Determined: \_\_\_\_\_

Production Casing

Hole Size: \_\_\_\_\_ Casing Size: \_\_\_\_\_

Cemented with: \_\_\_\_\_ sx. or \_\_\_\_\_ ft<sup>3</sup>

Top of Cement: \_\_\_\_\_ Method Determined: \_\_\_\_\_

Total Depth: \_\_\_\_\_

Injection Interval

5620 feet to 6736

(Perforated or Open Hole; indicate which)

INJECTION WELL DATA SHEET

Tubing Size: 2 3/8 Lining Material: Plastic

Type of Packer: Coated Dual Grip

Packer Setting Depth: ± 5550

Other Type of Tubing/Casing Seal (if applicable): \_\_\_\_\_

Additional Data

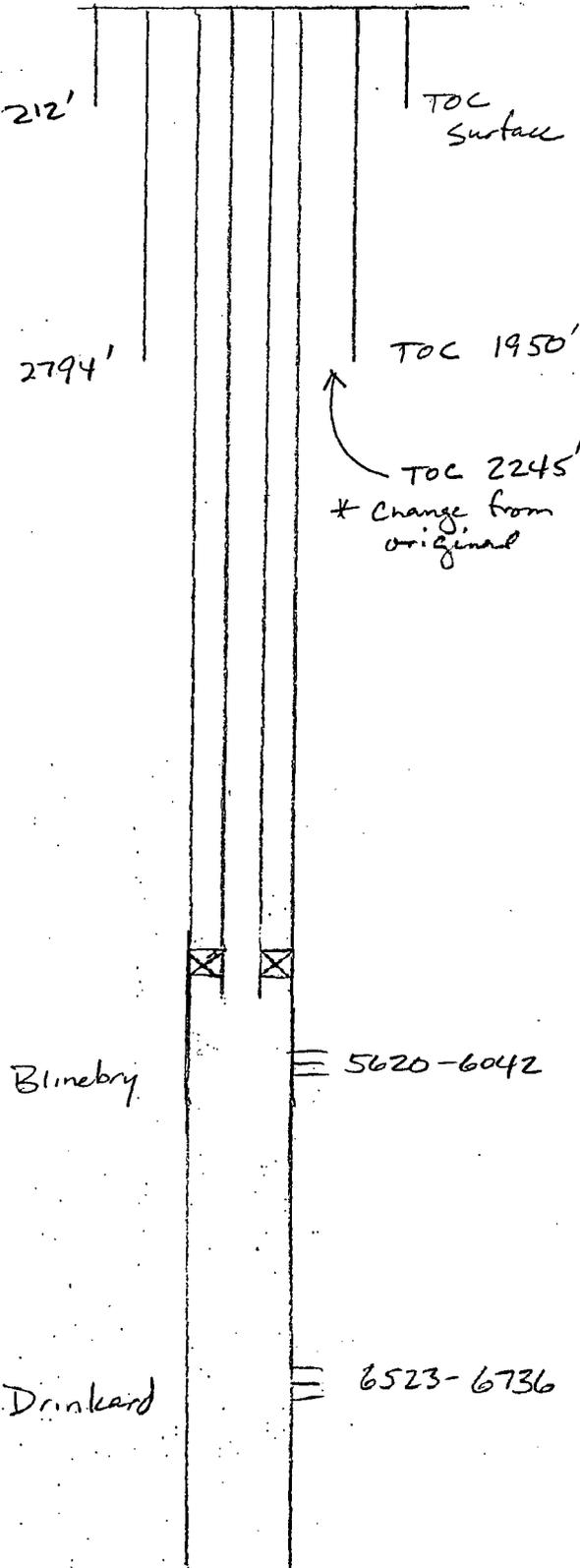
1. Is this a new well drilled for injection? Yes No  
If no, for what purpose was the well originally drilled? \_\_\_\_\_

2. Name of the Injection Formation: \_\_\_\_\_

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

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e. sacks of cement or plug(s) used. \_\_\_\_\_

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



See "Current" schematics in original C-108 exhibit #32 case # 14126

INJECTION WELL DATA SHEET

(Post Conversion)

OPERATOR: Apache Corp

WELL NAME & NUMBER: Hawk B-1 #9 (WBDU #39)

WELL LOCATION: FOOTAGE LOCATION UNIT LETTER SECTION TOWNSHIP RANGE

WELLBORE SCHEMATIC

WELL CONSTRUCTION DATA

Surface Casing

Hole Size: \_\_\_\_\_ Casing Size: \_\_\_\_\_

Cemented with: \_\_\_\_\_ sx. or \_\_\_\_\_ ft<sup>3</sup>

Top of Cement: \_\_\_\_\_ Method Determined: \_\_\_\_\_

Intermediate Casing

Hole Size: \_\_\_\_\_ Casing Size: \_\_\_\_\_

Cemented with: \_\_\_\_\_ sx. or \_\_\_\_\_ ft<sup>3</sup>

Top of Cement: \_\_\_\_\_ Method Determined: \_\_\_\_\_

Production Casing

Hole Size: \_\_\_\_\_ Casing Size: \_\_\_\_\_

Cemented with: \_\_\_\_\_ sx. or \_\_\_\_\_ ft<sup>3</sup>

Top of Cement: \_\_\_\_\_ Method Determined: \_\_\_\_\_

Total Depth: \_\_\_\_\_

Injection Interval

5636 feet to 6583 Change from original

(Perforated or Open Hole; indicate which)

INJECTION WELL DATA SHEET

Tubing Size: 2 3/8 Lining Material: Plastic

Type of Packer: Coated Dual Grip

Packer Setting Depth: ± 5600

Other Type of Tubing/Casing Seal (if applicable): \_\_\_\_\_

Additional Data

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

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

2. Name of the Injection Formation: \_\_\_\_\_

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

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e. sacks of cement or plug(s) used. \_\_\_\_\_

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

200'

TOC Surface

2824'

TOC 1210' by Temp Log

← TOC 3011' by Temp Log

Blinebry

E 5636-6058

Tubb

(Log during conversion)  
# 6156-6386

Drinkard

E 6506-6583

# 6618-6756  
(SQZ 4/49)

See "Current" schematics in original C-108 exhibit #32 case # 14126

INJECTION WELL DATA SHEET

(Post Conversion)

OPERATOR: Apache Corp

WELL NAME & NUMBER: Hawk B-1 #11 (WBDL #41)

WELL LOCATION: FOOTAGE LOCATION UNIT LETTER SECTION TOWNSHIP RANGE

WELBORE SCHEMATIC

WELL CONSTRUCTION DATA

Surface Casing

Hole Size: \_\_\_\_\_ Casing Size: \_\_\_\_\_  
Cemented with: \_\_\_\_\_ sx. or \_\_\_\_\_ ft<sup>3</sup>  
Top of Cement: \_\_\_\_\_ Method Determined: \_\_\_\_\_

Intermediate Casing

Hole Size: \_\_\_\_\_ Casing Size: \_\_\_\_\_  
Cemented with: \_\_\_\_\_ sx. or \_\_\_\_\_ ft<sup>3</sup>  
Top of Cement: \_\_\_\_\_ Method Determined: \_\_\_\_\_

Production Casing

Hole Size: \_\_\_\_\_ Casing Size: \_\_\_\_\_  
Cemented with: \_\_\_\_\_ sx. or \_\_\_\_\_ ft<sup>3</sup>  
Top of Cement: \_\_\_\_\_ Method Determined: \_\_\_\_\_

Total Depth: \_\_\_\_\_

Injection Interval

5667 feet to 6629

(Perforated or Open Hole; indicate which)

INJECTION WELL DATA SHEET

Tubing Size: 2 3/8 Lining Material: Plastic

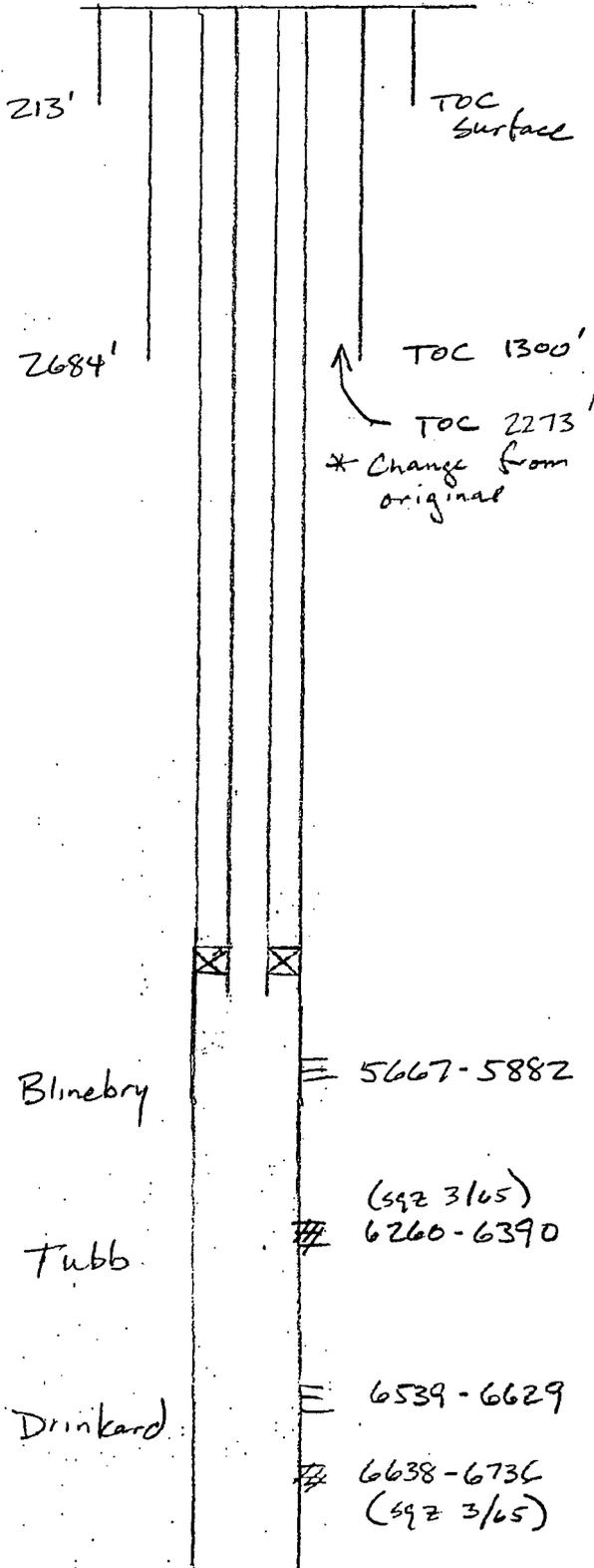
Type of Packer: Coated Dual Grip

Packer Setting Depth: ± 5600

Other Type of Tubing/Casing Seal (if applicable): \_\_\_\_\_

Additional Data

1. Is this a new well drilled for injection?  Yes  No  
If no, for what purpose was the well originally drilled? \_\_\_\_\_
2. Name of the Injection Formation: \_\_\_\_\_
3. Name of Field or Pool (if applicable): \_\_\_\_\_
4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e. sacks of cement or plug(s) used. \_\_\_\_\_
5. Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area: \_\_\_\_\_



See "Current" schematics in original C-108 exhibit #32 case # 14126

(Post Conversion)

OPERATOR:

Apache Corp

WELL NAME & NUMBER:

Hawk B-1 #13

(WBDU #42)

WELL LOCATION:

FOOTAGE LOCATION

UNIT LETTER

SECTION

TOWNSHIP

RANGE

WELLBORE SCHEMATIC

WELL CONSTRUCTION DATA

Surface Casing

Hole Size: \_\_\_\_\_ Casing Size: \_\_\_\_\_

Cemented with: \_\_\_\_\_ sx. or \_\_\_\_\_ ft<sup>3</sup>

Top of Cement: \_\_\_\_\_ Method Determined: \_\_\_\_\_

Intermediate Casing

Hole Size: \_\_\_\_\_ Casing Size: \_\_\_\_\_

Cemented with: \_\_\_\_\_ sx. or \_\_\_\_\_ ft<sup>3</sup>

Top of Cement: \_\_\_\_\_ Method Determined: \_\_\_\_\_

Production Casing

Hole Size: \_\_\_\_\_ Casing Size: \_\_\_\_\_

Cemented with: \_\_\_\_\_ sx. or \_\_\_\_\_ ft<sup>3</sup>

Top of Cement: \_\_\_\_\_ Method Determined: \_\_\_\_\_

Total Depth: \_\_\_\_\_

Injection Interval

5781 feet to 6710

(Perforated or Open Hole; indicate which)

INJECTION WELL DATA SHEET

Tubing Size: 2 3/8 Lining Material: Plastic

Type of Packer: Coated Dual Grip

Packer Setting Depth: ± 5700

Other Type of Tubing/Casing Seal (if applicable): \_\_\_\_\_

Additional Data

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

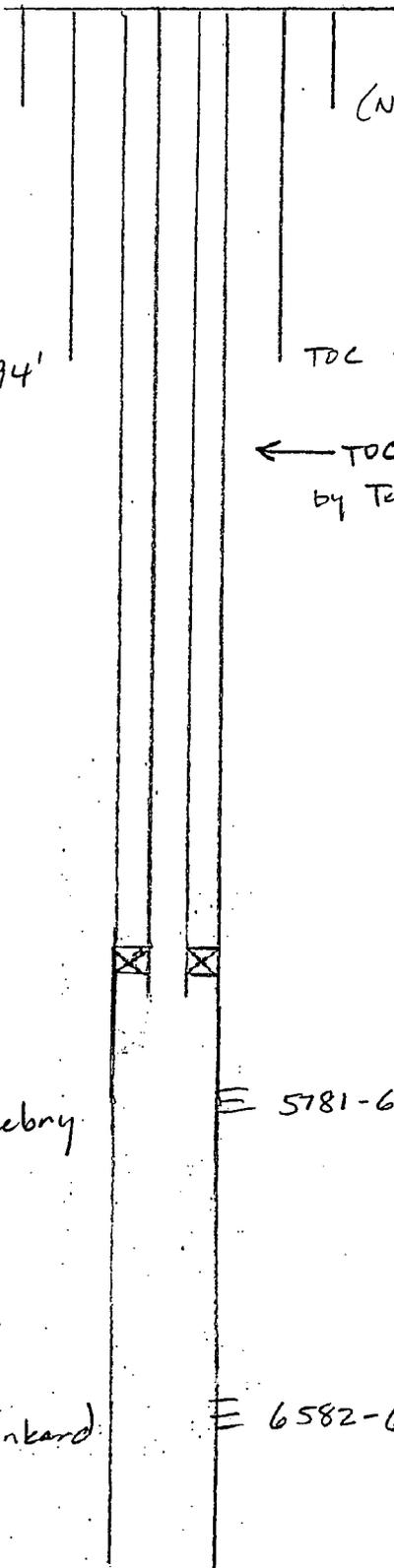
If no, for what purpose was the well originally drilled? \_\_\_\_\_

2. Name of the Injection Formation: \_\_\_\_\_

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

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e. sacks of cement or plug(s) used. \_\_\_\_\_

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



(NA)

TOC Surface

← TOC 2400' by Temp Log

1294'

Blueberry

± 5781-6043

Drinkard

± 6582-6710

See "Current" schematics in original C-108 exhibit #32 case # 14126

(Post Conversion)

OPERATOR: Apache Corp

WELL NAME & NUMBER: Hawk B-1 #14 (WBDU #43)

WELL LOCATION: FOOTAGE LOCATION UNIT LETTER SECTION TOWNSHIP RANGE

WELLBORE SCHEMATIC

WELL CONSTRUCTION DATA

Surface Casing

Hole Size: \_\_\_\_\_ Casing Size: \_\_\_\_\_

Cemented with: \_\_\_\_\_ sx. or \_\_\_\_\_ ft<sup>3</sup>

Top of Cement: \_\_\_\_\_ Method Determined: \_\_\_\_\_

Intermediate Casing

Hole Size: \_\_\_\_\_ Casing Size: \_\_\_\_\_

Cemented with: \_\_\_\_\_ sx. or \_\_\_\_\_ ft<sup>3</sup>

Top of Cement: \_\_\_\_\_ Method Determined: \_\_\_\_\_

Production Casing

Hole Size: \_\_\_\_\_ Casing Size: \_\_\_\_\_

Cemented with: \_\_\_\_\_ sx. or \_\_\_\_\_ ft<sup>3</sup>

Top of Cement: \_\_\_\_\_ Method Determined: \_\_\_\_\_

Total Depth: \_\_\_\_\_

Injection Interval

5666 feet to 6700

(Perforated or Open Hole; indicate which)

INJECTION WELL DATA SHEET

Tubing Size: 2 3/8 Lining Material: Plastic

Type of Packer: Coated Dual Grip

Packer Setting Depth: ± 5600'

Other Type of Tubing/Casing Seal (if applicable): \_\_\_\_\_

Additional Data

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

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

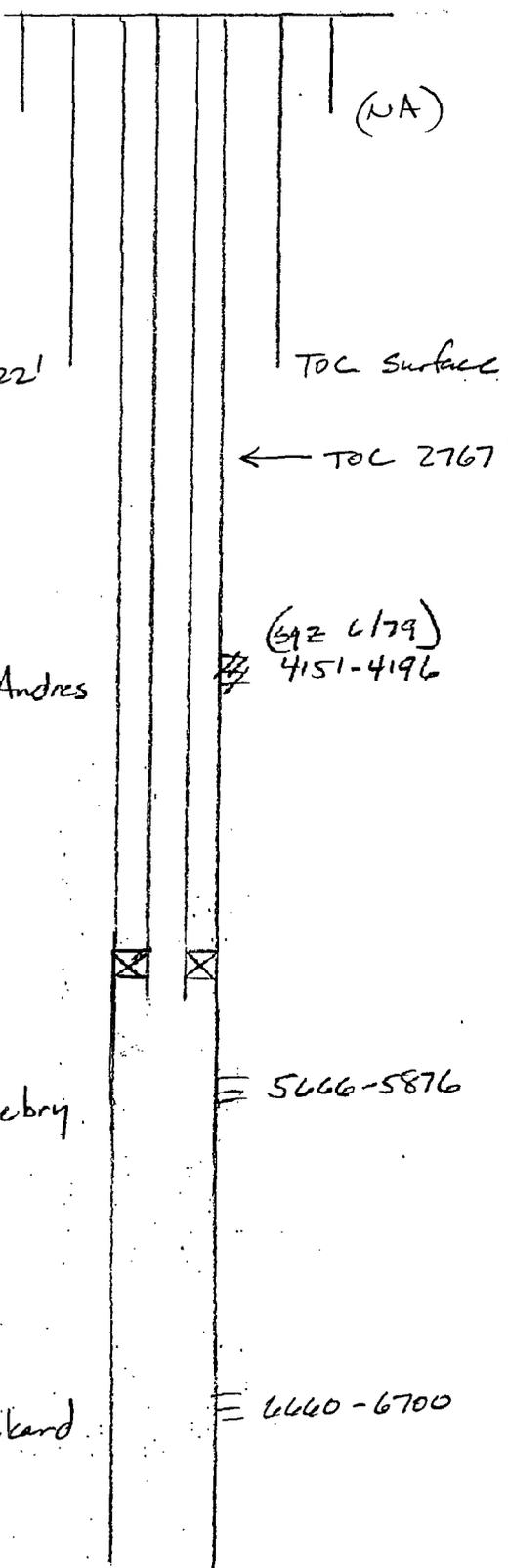
2. Name of the Injection Formation: \_\_\_\_\_

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

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e. sacks of cement or plug(s) used. \_\_\_\_\_

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

See "current" schematics in original C-108 exhibit #32 case # 14126



San Andres

(392 6179)  
# 4151-4196

Blinberry

= 5666-5876

Drinkard

= 6660-6700

INJECTION WELL DATA SHEET

(Post Conversion)

OPERATOR:

Apache Corp

WELL NAME & NUMBER:

Lockhart A-17 #4 (WBDU #67)

WELL LOCATION:

FOOTAGE LOCATION UNIT LETTER SECTION TOWNSHIP RANGE

WELLBORE SCHEMATIC

WELL CONSTRUCTION DATA

Surface Casing

Hole Size: \_\_\_\_\_ Casing Size: \_\_\_\_\_

Cemented with: \_\_\_\_\_ sx. or \_\_\_\_\_ ft<sup>3</sup>

Top of Cement: \_\_\_\_\_ Method Determined: \_\_\_\_\_

Intermediate Casing

Hole Size: \_\_\_\_\_ Casing Size: \_\_\_\_\_

Cemented with: \_\_\_\_\_ sx. or \_\_\_\_\_ ft<sup>3</sup>

Top of Cement: \_\_\_\_\_ Method Determined: \_\_\_\_\_

Production Casing

Hole Size: \_\_\_\_\_ Casing Size: \_\_\_\_\_

Cemented with: \_\_\_\_\_ sx. or \_\_\_\_\_ ft<sup>3</sup>

Top of Cement: \_\_\_\_\_ Method Determined: \_\_\_\_\_

Total Depth: \_\_\_\_\_

Injection Interval

(sqz during conversion) 5646 feet to 6697

(Perforated or Open Hole; indicate which)

INJECTION WELL DATA SHEET

Tubing Size: 2 3/8 Lining Material: Plastic

Type of Packer: Coated Dual Grip

Packer Setting Depth: ± 5600

Other Type of Tubing/Casing Seal (if applicable): \_\_\_\_\_

Additional Data

1. Is this a new well drilled for injection? Yes No  
If no, for what purpose was the well originally drilled? \_\_\_\_\_

2. Name of the Injection Formation: \_\_\_\_\_

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

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e. sacks of cement or plug(s) used. \_\_\_\_\_

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

219'

TOC Surface

2829'

TOC 675' by Temp Log

← TOC 3325' by Temp Log

Pemrose

# 3749-3793

(sqz during conversion)

Blinberry

≡ 5646-6688 (subject to perf log)

Tubb

# 6220-6314 (sqz during conversion)

Drinkard

≡ 6611-6697

≡ 6701-6748

See "Current" schematics in original C-108 exhibit #32 case # 14126

INJECTION WELL DATA SHEET (Post Conversion)

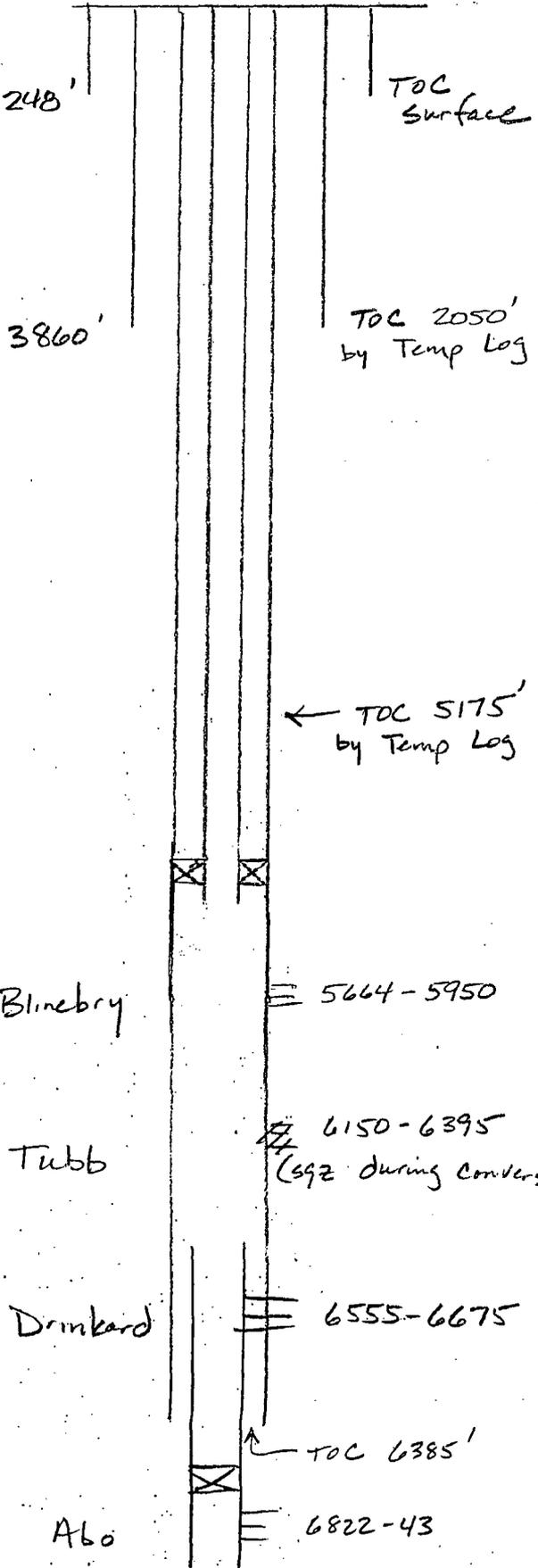
OPERATOR: Apache Corp

WELL NAME & NUMBER: Southland Royalty A #1 (WBDU #5)

WELL LOCATION: FOOTAGE LOCATION UNIT LETTER SECTION TOWNSHIP RANGE

WELLBORE SCHEMATIC

WELL CONSTRUCTION DATA



Hole Size: \_\_\_\_\_ Casing Size: \_\_\_\_\_  
 Cemented with: \_\_\_\_\_ sx. or \_\_\_\_\_ ft<sup>3</sup>  
 Top of Cement: \_\_\_\_\_ Method Determined: \_\_\_\_\_

Intermediate Casing

Hole Size: \_\_\_\_\_ Casing Size: \_\_\_\_\_  
 Cemented with: \_\_\_\_\_ sx. or \_\_\_\_\_ ft<sup>3</sup>  
 Top of Cement: \_\_\_\_\_ Method Determined: \_\_\_\_\_

Production Casing

Hole Size: \_\_\_\_\_ Casing Size: \_\_\_\_\_  
 Cemented with: \_\_\_\_\_ sx. or \_\_\_\_\_ ft<sup>3</sup>  
 Top of Cement: \_\_\_\_\_ Method Determined: \_\_\_\_\_  
 Total Depth: \_\_\_\_\_

Injection Interval

5664 feet to 6675

(Perforated or Open Hole; indicate which)

INJECTION WELL DATA SHEET

Tubing Size: 2 3/8 Lining Material: Plastic  
 Type of Packer: Coated Dual Grip  
 Packer Setting Depth: ± 5600  
 Other Type of Tubing/Casing Seal (if applicable): \_\_\_\_\_

Additional Data

1. Is this a new well drilled for injection?  Yes  No  
 If no, for what purpose was the well originally drilled? \_\_\_\_\_
2. Name of the Injection Formation: \_\_\_\_\_
3. Name of Field or Pool (if applicable): \_\_\_\_\_
4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e. sacks of cement or plug(s) used. \_\_\_\_\_
5. Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area: \_\_\_\_\_

See "current" schematics in original C-108 exhibit #32 case # 14126

OPERATOR:

Apache Corp

WELL NAME & NUMBER:

Southland Royalty A #2 (WBDU #6)

WELL LOCATION:

FOOTAGE LOCATION UNIT LETTER SECTION TOWNSHIP RANGE

WELBORE SCHEMATIC

WELL CONSTRUCTION DATA

Surface Casing

Hole Size: Casing Size:
Cemented with: sx. or ft^3
Top of Cement: Method Determined:

Intermediate Casing

Hole Size: Casing Size:
Cemented with: sx. or ft^3
Top of Cement: Method Determined:

Production Casing

Hole Size: Casing Size:
Cemented with: sx. or ft^3
Top of Cement: Method Determined:
Total Depth:

Injection Interval

5750 feet to 6685

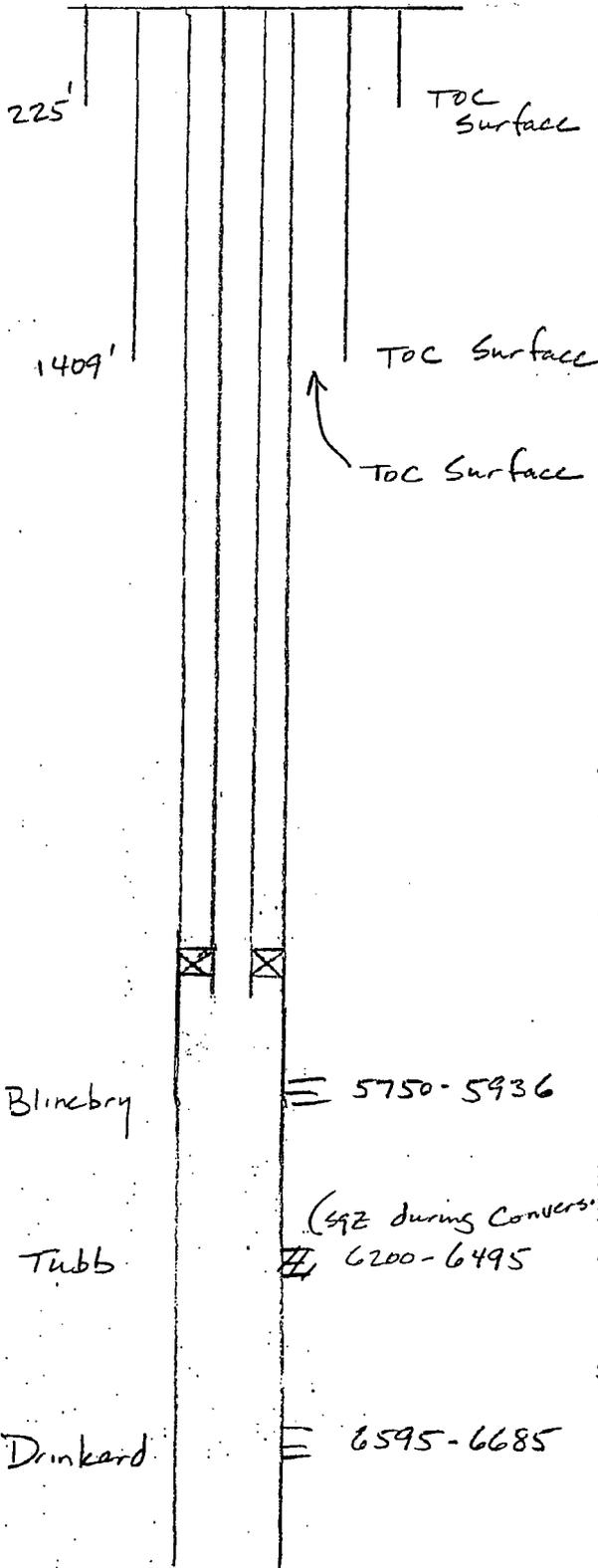
(Perforated or Open Hole; indicate which)

INJECTION WELL DATA SHEET

Tubing Size: 2 3/8 Lining Material: Plastic
Type of Packer: Coated Dual Grip
Packer Setting Depth: 5700
Other Type of Tubing/Casing Seal (if applicable):

Additional Data

- 1. Is this a new well drilled for injection? Yes No
If no, for what purpose was the well originally drilled?
2. Name of the Injection Formation:
3. Name of Field or Pool (if applicable):
4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e. sacks of cement or plug(s) used.
5. Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area:



See "Current" schematics in original C-108 exhibit #32 case # 14126

5750-5936

(SZ during conversion) 6200-6495

6595-6685

Blinbry

Tubbs

Drinkard

OPERATOR:

Apache Corp

WELL NAME & NUMBER:

Southland Royalty A #4 (WBDU #97)

WELL LOCATION:

FOOTAGE LOCATION UNIT LETTER SECTION TOWNSHIP RANGE

WELLBORE SCHEMATIC

WELL CONSTRUCTION DATA

Surface Casing

Hole Size: \_\_\_\_\_ Casing Size: \_\_\_\_\_

Cemented with: \_\_\_\_\_ sx. or \_\_\_\_\_ ft<sup>3</sup>

Top of Cement: \_\_\_\_\_ Method Determined: \_\_\_\_\_

Intermediate Casing

Hole Size: \_\_\_\_\_ Casing Size: \_\_\_\_\_

Cemented with: \_\_\_\_\_ sx. or \_\_\_\_\_ ft<sup>3</sup>

Top of Cement: \_\_\_\_\_ Method Determined: \_\_\_\_\_

Production Casing

Hole Size: \_\_\_\_\_ Casing Size: \_\_\_\_\_

Cemented with: \_\_\_\_\_ sx. or \_\_\_\_\_ ft<sup>3</sup>

Top of Cement: \_\_\_\_\_ Method Determined: \_\_\_\_\_

Total Depth: \_\_\_\_\_

Injection Interval

5692 feet to 6655 \* Change from original

(Perforated or Open Hole; indicate which)

\* Change from original INJECTION WELL DATA SHEET

Tubing Size: 2 3/8 Lining Material: Plastic

Type of Packer: Coated Dual Grip

Packer Setting Depth: ± 5600 \* Change from original

Other Type of Tubing/Casing Seal (if applicable): \_\_\_\_\_

Additional Data

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

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

2. Name of the Injection Formation: \_\_\_\_\_

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

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e. sacks of cement or plug(s) used. \_\_\_\_\_

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

305'

TOC Surface

2905'

TOC 1750' by Temp Log

TOC surface by circulation during 11/2000 sqz

(sqz during conversion)

Grayburg

# 3891-4000'

# sqz holes @ 4150' (11/2000)

\* Change from original

INJECTION WELL DATA SHEET

Blinebry

≡ 5692-5960 (subject to perf log)

Tubb

# 6176-6392 (sqz during conversion)

Drinkard

≡ 6519-6655

See "Current" schematics in original C-108 exhibit #32 case # 14126

INJECTION WELL DATA SHEET

(Post Conversion)

OPERATOR:

Apache Corp

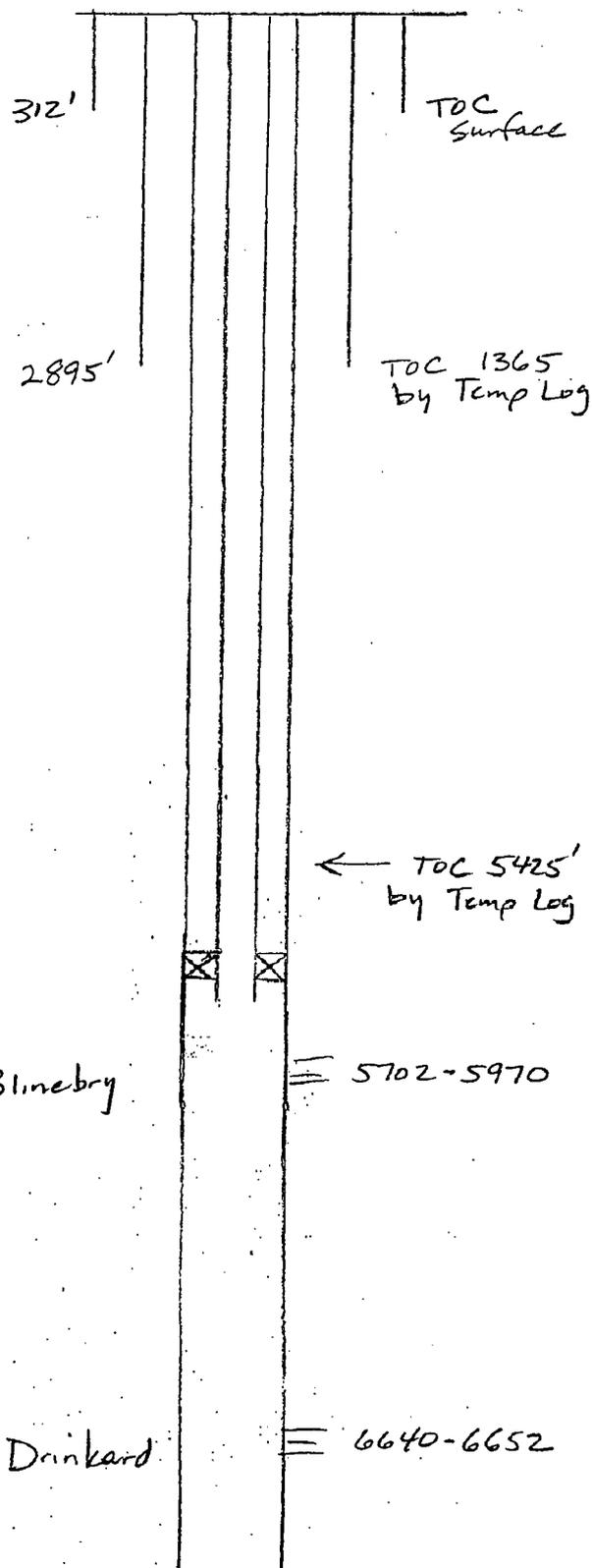
WELL NAME & NUMBER:

Southland Royalty A #5 (WBDU #8)

WELL LOCATION:

FOOTAGE LOCATION UNIT LETTER SECTION TOWNSHIP RANGE

WELLBORE SCHEMATIC



WELL CONSTRUCTION DATA

Surface Casing

Hole Size: \_\_\_\_\_ Casing Size: \_\_\_\_\_  
 Cemented with: \_\_\_\_\_ sx. or \_\_\_\_\_ ft<sup>3</sup>  
 Top of Cement: \_\_\_\_\_ Method Determined: \_\_\_\_\_

Intermediate Casing

Hole Size: \_\_\_\_\_ Casing Size: \_\_\_\_\_  
 Cemented with: \_\_\_\_\_ sx. or \_\_\_\_\_ ft<sup>3</sup>  
 Top of Cement: \_\_\_\_\_ Method Determined: \_\_\_\_\_

Production Casing

Hole Size: \_\_\_\_\_ Casing Size: \_\_\_\_\_  
 Cemented with: \_\_\_\_\_ sx. or \_\_\_\_\_ ft<sup>3</sup>  
 Top of Cement: \_\_\_\_\_ Method Determined: \_\_\_\_\_  
 Total Depth: \_\_\_\_\_

Injection Interval

5702 feet to 6652

(Perforated or Open Hole; indicate which)

INJECTION WELL DATA SHEET

Tubing Size: 2 3/8 Lining Material: Plastic

Type of Packer: Coated Dual Grip

Packer Setting Depth: ± 5650

Other Type of Tubing/Casing Seal (if applicable): \_\_\_\_\_

Additional Data

1. Is this a new well drilled for injection? Yes No  
If no, for what purpose was the well originally drilled? \_\_\_\_\_
2. Name of the Injection Formation: \_\_\_\_\_
3. Name of Field or Pool (if applicable): \_\_\_\_\_
4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e. sacks of cement or plug(s) used. \_\_\_\_\_
5. Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area: \_\_\_\_\_

See "Current" schematics in original C-108 exhibit #32 case # 14126

Blinbry

≡ 5702-5970

Drinkard

≡ 6640-6652

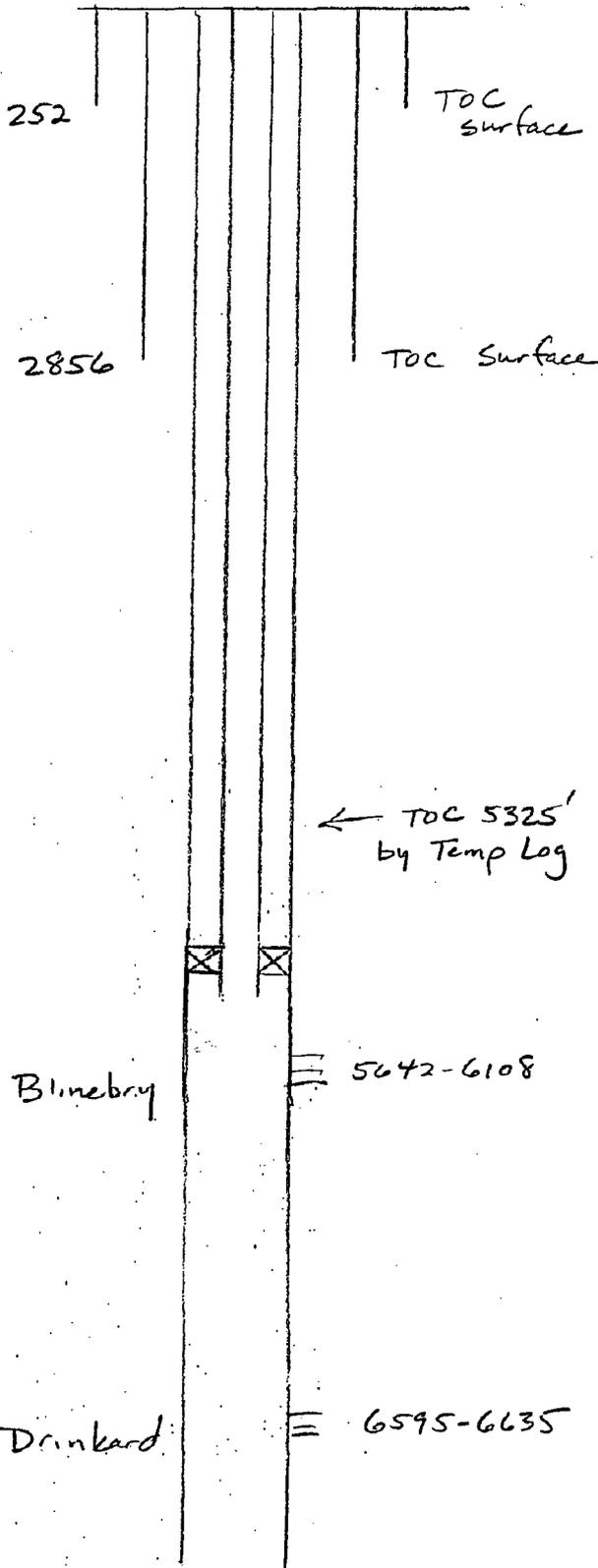
INJECTION WELL DATA SHEET (Post Conversion)

OPERATOR: Apache Corp

WELL NAME & NUMBER: Southland Royalty A #6 (WBDL #9)

WELL LOCATION: FOOTAGE LOCATION UNIT LETTER SECTION TOWNSHIP RANGE

WELLBORE SCHEMATIC



WELL CONSTRUCTION DATA

Surface Casing

Hole Size: \_\_\_\_\_ Casing Size: \_\_\_\_\_  
 Cemented with: \_\_\_\_\_ sx. or \_\_\_\_\_ ft<sup>3</sup>  
 Top of Cement: \_\_\_\_\_ Method Determined: \_\_\_\_\_

Intermediate Casing

Hole Size: \_\_\_\_\_ Casing Size: \_\_\_\_\_  
 Cemented with: \_\_\_\_\_ sx. or \_\_\_\_\_ ft<sup>3</sup>  
 Top of Cement: \_\_\_\_\_ Method Determined: \_\_\_\_\_

Production Casing

Hole Size: \_\_\_\_\_ Casing Size: \_\_\_\_\_  
 Cemented with: \_\_\_\_\_ sx. or \_\_\_\_\_ ft<sup>3</sup>  
 Top of Cement: \_\_\_\_\_ Method Determined: \_\_\_\_\_  
 Total Depth: \_\_\_\_\_

Injection Interval

5642 feet to 6635

(Perforated or Open Hole; indicate which)

INJECTION WELL DATA SHEET

Tubing Size: 2 3/8 Lining Material: Plastic

Type of Packer: Coated Dual Grip

Packer Setting Depth: ± 5600

Other Type of Tubing/Casing Seal (if applicable): \_\_\_\_\_

Additional Data

1. Is this a new well drilled for injection?  Yes  No  
If no, for what purpose was the well originally drilled? \_\_\_\_\_
2. Name of the Injection Formation: \_\_\_\_\_
3. Name of Field or Pool (if applicable): \_\_\_\_\_
4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e. sacks of cement or plug(s) used. \_\_\_\_\_
5. Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area: \_\_\_\_\_

See "current" schematics in original C-108 exhibit #32 case # 14126

← TOC 5325' by Temp Log

Blueberry

5642-6108

Drinkard

6595-6635

INJECTION WELL DATA SHEET

(Post Conversion)

OPERATOR:

Apache Corp

WELL NAME & NUMBER:

Southland Royalty A #7 (WBDU #10)

WELL LOCATION:

FOOTAGE LOCATION UNIT LETTER SECTION TOWNSHIP RANGE

WELLBORE SCHEMATIC

WELL CONSTRUCTION DATA

Surface Casing

Hole Size: \_\_\_\_\_ Casing Size: \_\_\_\_\_

Cemented with: \_\_\_\_\_ sx. or \_\_\_\_\_ ft<sup>3</sup>

Top of Cement: \_\_\_\_\_ Method Determined: \_\_\_\_\_

Intermediate Casing

Hole Size: \_\_\_\_\_ Casing Size: \_\_\_\_\_

Cemented with: \_\_\_\_\_ sx. or \_\_\_\_\_ ft<sup>3</sup>

Top of Cement: \_\_\_\_\_ Method Determined: \_\_\_\_\_

Production Casing

Hole Size: \_\_\_\_\_ Casing Size: \_\_\_\_\_

Cemented with: \_\_\_\_\_ sx. or \_\_\_\_\_ ft<sup>3</sup>

Top of Cement: \_\_\_\_\_ Method Determined: \_\_\_\_\_

Total Depth: \_\_\_\_\_

Injection Interval

5660 feet to 6616

(Perforated or Open Hole; indicate which)

INJECTION WELL DATA SHEET

Tubing Size: 2 3/8 Lining Material: Plastic

Type of Packer: Coated Dual Grip

Packer Setting Depth: ± 5000

Other Type of Tubing/Casing Seal (if applicable): \_\_\_\_\_

Additional Data

1. Is this a new well drilled for injection? Yes No  
If no, for what purpose was the well originally drilled? \_\_\_\_\_

2. Name of the Injection Formation: \_\_\_\_\_

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

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e. sacks of cement or plug(s) used. \_\_\_\_\_

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

1331

TOC surface

~~3826-3966~~  
(392 during conversion)

Blinberry

5660-5950

Drinkard

6596-6616

TOC surface

8094-8418

TOC surface

See "Current" schematics in original C-108 exhibit #32 case # 14126

INJECTION WELL DATA SHEET

(Post Conversion)

OPERATOR:

Apache Corp

WELL NAME & NUMBER:

Southland Royalty A #8 (WBDU #11)

WELL LOCATION:

FOOTAGE LOCATION UNIT LETTER SECTION TOWNSHIP RANGE

WELLBORE SCHEMATIC

WELL CONSTRUCTION DATA

Surface Casing

Hole Size: \_\_\_\_\_ Casing Size: \_\_\_\_\_

Cemented with: \_\_\_\_\_ sx. or \_\_\_\_\_ ft<sup>3</sup>

Top of Cement: \_\_\_\_\_ Method Determined: \_\_\_\_\_

Intermediate Casing

Hole Size: \_\_\_\_\_ Casing Size: \_\_\_\_\_

Cemented with: \_\_\_\_\_ sx. or \_\_\_\_\_ ft<sup>3</sup>

Top of Cement: \_\_\_\_\_ Method Determined: \_\_\_\_\_

Production Casing

Hole Size: \_\_\_\_\_ Casing Size: \_\_\_\_\_

Cemented with: \_\_\_\_\_ sx. or \_\_\_\_\_ ft<sup>3</sup>

Top of Cement: \_\_\_\_\_ Method Determined: \_\_\_\_\_

Total Depth: \_\_\_\_\_

Injection Interval

5686 feet to 6649

(Perforated or Open Hole; indicate which)

INJECTION WELL DATA SHEET

Tubing Size: 2 3/8 Lining Material: Plastic

Type of Packer: Coated Dual Grip

Packer Setting Depth: 5600

Other Type of Tubing/Casing Seal (if applicable):

Additional Data

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

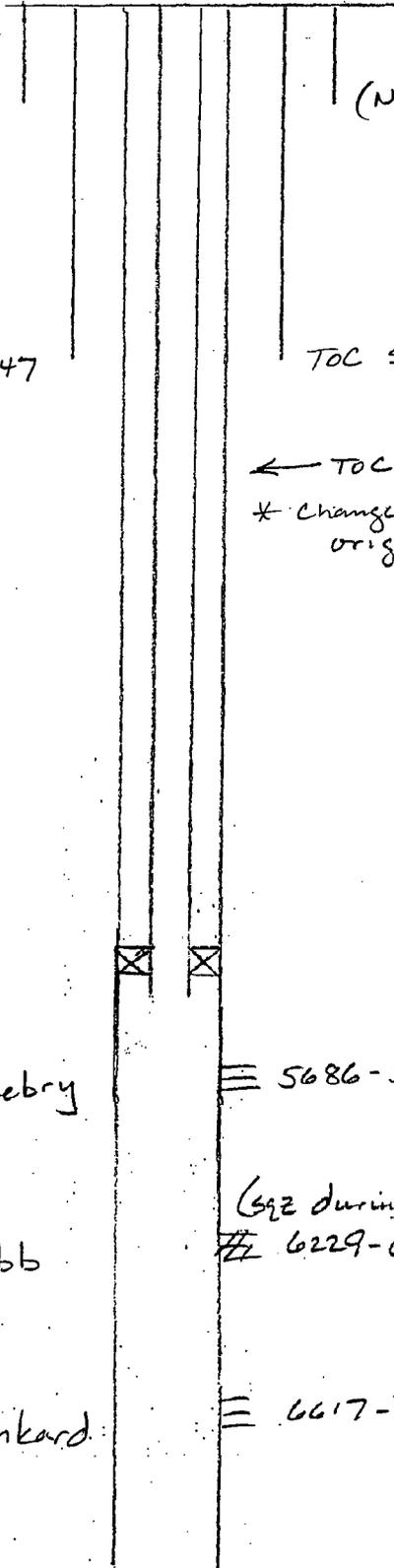
If no, for what purpose was the well originally drilled?

2. Name of the Injection Formation:

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

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e. sacks of cement or plug(s) used.

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



(NA)

TOC Surface

← TOC 2951' \* change from original

1347

Blinbry

≡ 5686-5984

Tubb

(692 during conversion) # 6229-6327

Drinkard

≡ 6617-6649

See "Current" schematics in original C-108 exhibit #32 case # 14126

INJECTION WELL DATA SHEET

(Post Conversion)

OPERATOR:

Apache Corp

WELL NAME & NUMBER:

State C Tract 12 #3 (WBDU #58)

WELL LOCATION:

FOOTAGE LOCATION UNIT LETTER SECTION TOWNSHIP RANGE

WELLBORE SCHEMATIC

WELL CONSTRUCTION DATA

Surface Casing

Hole Size: \_\_\_\_\_ Casing Size: \_\_\_\_\_

Cemented with: \_\_\_\_\_ sx. or \_\_\_\_\_ ft<sup>3</sup>

Top of Cement: \_\_\_\_\_ Method Determined: \_\_\_\_\_

Intermediate Casing

Hole Size: \_\_\_\_\_ Casing Size: \_\_\_\_\_

Cemented with: \_\_\_\_\_ sx. or \_\_\_\_\_ ft<sup>3</sup>

Top of Cement: \_\_\_\_\_ Method Determined: \_\_\_\_\_

Production Casing

Hole Size: \_\_\_\_\_ Casing Size: \_\_\_\_\_

Cemented with: \_\_\_\_\_ sx. or \_\_\_\_\_ ft<sup>3</sup>

Top of Cement: \_\_\_\_\_ Method Determined: \_\_\_\_\_

Total Depth: \_\_\_\_\_

Injection Interval

5835 feet to 6658 \* Change from original

(Perforated or Open Hole; indicate which)

INJECTION WELL DATA SHEET

Tubing Size: 2 3/8 Lining Material: Plastic

Type of Packer: Coated Dual Grip

Packer Setting Depth: ± 5750

Other Type of Tubing/Casing Seal (if applicable): \_\_\_\_\_

Additional Data

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

2. Name of the Injection Formation:

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

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e. sacks of cement or plug(s) used.

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

322'

TOC Surface

2900'

TOC 1560'

TOC 2494'

\* Change from original

(sqz during conversion)

# 3721-3774

Penrose

Blinberry

≡ 5835-5975

Drinkard

≡ 6615-6658

See "Current" schematics in original C-108 exhibit #32 case # 14126

INJECTION WELL DATA SHEET (Post Conversion)

OPERATOR: Apache Corp

WELL NAME & NUMBER: State C Tract 12 #64 (WBDU #60)

WELL LOCATION: FOOTAGE LOCATION UNIT LETTER SECTION TOWNSHIP RANGE

WELLBORE SCHEMATIC

WELL CONSTRUCTION DATA

Surface Casing

Hole Size: Casing Size: Cemented with: sx. or ft³ Top of Cement: Method Determined:

Intermediate Casing

Hole Size: Casing Size: Cemented with: sx. or ft³ Top of Cement: Method Determined:

Production Casing

Hole Size: Casing Size: Cemented with: sx. or ft³ Top of Cement: Method Determined:

Total Depth:

Injection Interval

5602 feet to 6670

(Perforated or Open Hole; indicate which)

INJECTION WELL DATA SHEET

Tubing Size: 2 3/8 Lining Material: Plastic

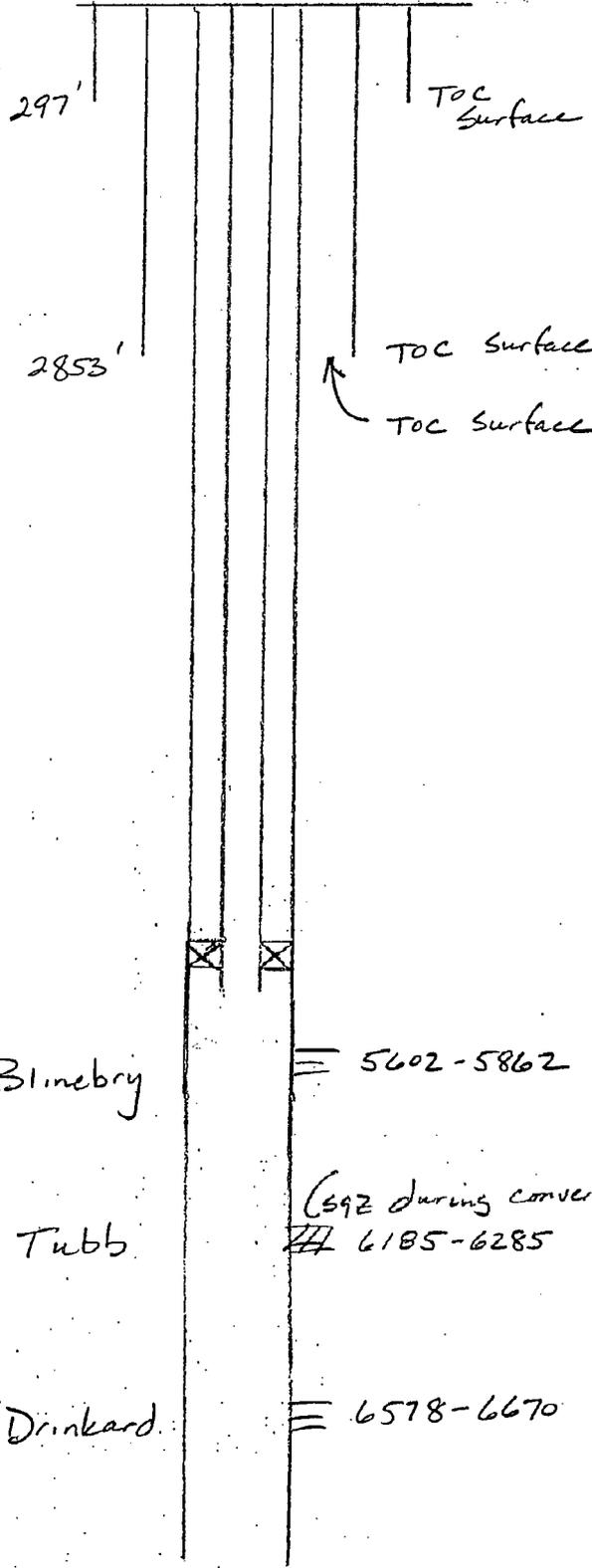
Type of Packer: Coated Dual Grip

Packer Setting Depth: ± 5550

Other Type of Tubing/Casing Seal (if applicable):

Additional Data

- 1. Is this a new well drilled for injection? Yes No
If no, for what purpose was the well originally drilled?
2. Name of the Injection Formation:
3. Name of Field or Pool (if applicable):
4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e. sacks of cement or plug(s) used.
5. Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area:



See 'current' schematics in original C-108 exhibit #32 case # 14126

INJECTION WELL DATA SHEET

(Post Conversion)

OPERATOR:

Apache Corp

WELL NAME & NUMBER:

State DA #2 (WBDU #76)

WELL LOCATION:

FOOTAGE LOCATION UNIT LETTER SECTION TOWNSHIP RANGE

WELBORE SCHEMATIC

WELL CONSTRUCTION DATA

Surface Casing

Hole Size: Casing Size:

Cemented with: sx. or ft<sup>3</sup>

Top of Cement: Method Determined:

Intermediate Casing

Hole Size: Casing Size:

Cemented with: sx. or ft<sup>3</sup>

Top of Cement: Method Determined:

Production Casing

Hole Size: Casing Size:

Cemented with: sx. or ft<sup>3</sup>

Top of Cement: Method Determined:

Total Depth:

Injection Interval

5617 feet to 6648

(Perforated or Open Hole; indicate which)

INJECTION WELL DATA SHEET

Tubing Size: 2 3/8 Lining Material: Plastic

Type of Packer: Coated Dual Grip

Packer Setting Depth: ± 5550

Other Type of Tubing/Casing Seal (if applicable):

Additional Data

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

2. Name of the Injection Formation:

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

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e. sacks of cement or plug(s) used.

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

214'

2815'

TOC surface

TOC 1325'

TOC surface

\* Change from original

Blinberry

5617-5997

Drinkard

6419-6648

See "current" schematics in original C-108 exhibit #32 case # 14126

\* Change from original

6.000

INJECTION WELL DATA SHEET

(Post Conversion)

OPERATOR:

Apache Corp

WELL NAME & NUMBER:

State DA # 4

(WBDU # 7B)

WELL LOCATION:

FOOTAGE LOCATION

UNIT LETTER

SECTION

TOWNSHIP

RANGE

WELLBORE SCHEMATIC

WELL CONSTRUCTION DATA

Surface Casing

Hole Size: \_\_\_\_\_ Casing Size: \_\_\_\_\_

Cemented with: \_\_\_\_\_ sx. or \_\_\_\_\_ ft<sup>3</sup>

Top of Cement: \_\_\_\_\_ Method Determined: \_\_\_\_\_

Intermediate Casing

Hole Size: \_\_\_\_\_ Casing Size: \_\_\_\_\_

Cemented with: \_\_\_\_\_ sx. or \_\_\_\_\_ ft<sup>3</sup>

Top of Cement: \_\_\_\_\_ Method Determined: \_\_\_\_\_

Production Casing

Hole Size: \_\_\_\_\_ Casing Size: \_\_\_\_\_

Cemented with: \_\_\_\_\_ sx. or \_\_\_\_\_ ft<sup>3</sup>

Top of Cement: \_\_\_\_\_ Method Determined: \_\_\_\_\_

Total Depth: \_\_\_\_\_

Injection Interval

5648 feet to 6641

(Perforated or Open Hole; indicate which)

INJECTION WELL DATA SHEET

Tubing Size: 2 3/8 Lining Material: Plastic

Type of Packer: Coated Dual Grip

Packer Setting Depth: ± 5600'

Other Type of Tubing/Casing Seal (if applicable): \_\_\_\_\_

Additional Data

1. Is this a new well drilled for injection? Yes No  
If no, for what purpose was the well originally drilled? \_\_\_\_\_

2. Name of the Injection Formation: \_\_\_\_\_

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

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e. sacks of cement or plug(s) used. \_\_\_\_\_

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

213'

TDC Surface

2807'

TDC 1350' by Temp Log

TDC 2584' \* Change from original

Blinebry

≡ 5648-5925

Tubb

# 6096-6266 (592 during conversion)

Drinkard

≡ 6406-6641

See "Current" schematics in original C-108 exhibit # 32 case # 14126