

Catanach, David, EMNRD

From: Thomas Kellahin [kellahin@earthlink.net]
Sent: Tuesday, July 12, 2005 9:04 AM
To: Catanach, David, EMNRD
Subject: Apache-OCD Case 13503

David:

Per your request, I had Kevin Mayes, Apache's PE, review the files for these 5 P &A wellbore. He prepared and faxed me the attached schematics which I scanned.

Please let me know if I can be of further assistances.

Regards,

I'm retired

The message is ready to be sent with the following file or link attachments:

img024

img025

img026

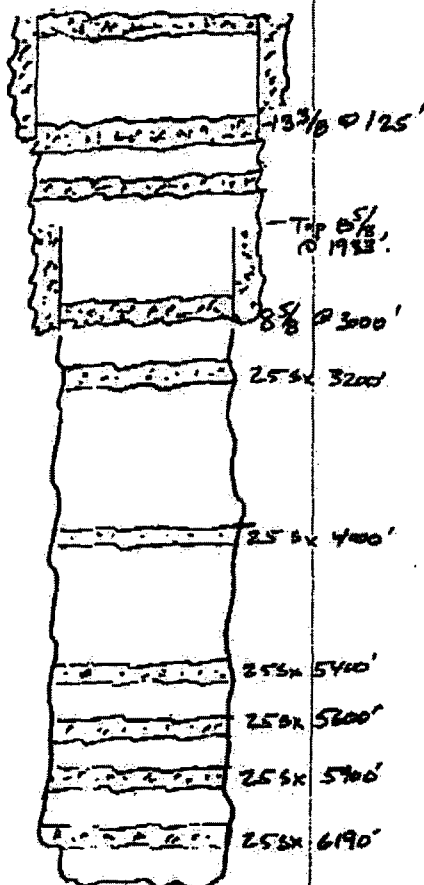
img027

img028

Note: To protect against computer viruses, e-mail programs may prevent sending or receiving certain types of file attachments. Check your e-mail security settings to determine how attachments are handled.

7/12/2005

Side 1 INJECTION WELL DATA SHEET

OPERATOR: Solar Oil Co.WELL NAME & NUMBER: Bunin #3WELL LOCATION: 990' FEL, 660 FUL A 13 21S 37E
FOOTAGE LOCATION UNIT LETTER SECTION TOWNSHIP RANGEWELLBORE SCHEMATIC

TD = 700'

WELL CONSTRUCTION DATA
Surface CasingHole Size: 15" Casing Size: 13 3/8"
Cemented with: 700 ft. or _____ ft.
Top of Cement: Surf Method Determined: CirculatedIntermediate CasingHole Size: 11" Casing Size: 8 5/8"
Cemented with: ? ft. or _____ ft.
Top of Cement: ? Method Determined: _____Production CasingHole Size: 7 7/8" Casing Size: NA
Cemented with: _____ ft. or _____ ft.
Top of Cement: _____ Method Determined: _____
Total Depth: _____CMT Plugs25-6x @ 2800'
25-6x @ 1100'
25-6x @ 110'-140'
7-5x surf plugInjection Interval

feet to _____

(Perforated or Open Hole; indicate which)

INJECTION WELL DATA SHEET

Tubing Size: _____ Lining Material: _____

Type of Packer: _____

Packer Setting Depth: _____

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

Additional Data

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

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

2. Name of the Injection Formation: _____

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

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

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

Site 1

INJECTION WELL DATA SHEET

OPERATOR:

Southland Royalty Co.

WELL NAME & NUMBER:

Dauron #3

WELL LOCATION

330 FNL, 990 FEL.

A

10

215

37E

FOOTAGE LOCATION

UNIT LETTER

SECTION

TOWNSHIP

RANGE

WELLBORE SCHEMATIC

WELL CONSTRUCTION DATA

Surface Casing

Hole Size: 17 1/2

Casing Size: 13 3/8

Cemented with: 200

or

R'

Top of Cement: Surf.

Method Determined: circulated.

Intermediate Casing

Hole Size: 11"

Casing Size: 8 5/8

Cemented with: 2300

or

R'

Top of Cement: 1335'

Method Determined: Temp log.

Production Casing

Hole Size: 7 3/8

Casing Size: 5 1/2

Cemented with: 3503K

or

R'

Top of Cement: 4860'

Method Determined: Temp log

Total Depth: 7774'

Injection Interval

feet to

(Perforated or Open Hole; indicate which)

INJECTION WELL DATA SHEET

Tubing Size:

Lining Material:

Type of Packer:

Packer Setting Depth:

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

Additional Data

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

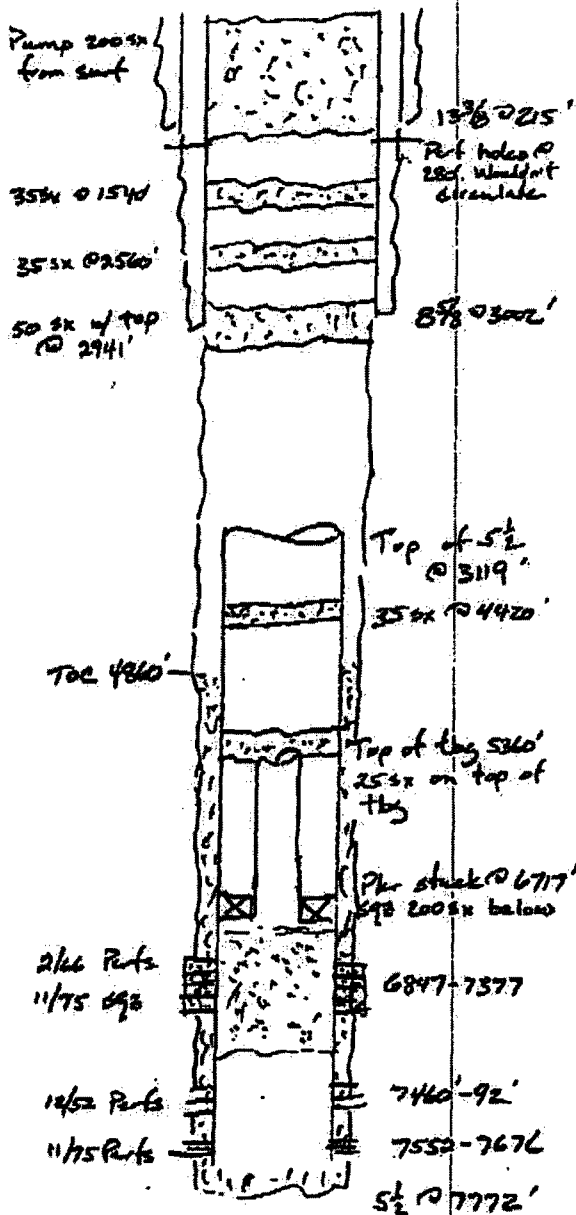
If no, for what purpose was the well originally drilled?

2. Name of the Injection Formation:

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

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

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



Sheet 1

INJECTION WELL DATA SHEET

OPERATOR: Conoco Inc.

WELL NAME & NUMBER: Hawk B-3 #6

WELL LOCATION: B10 PSL, 660 FEL X 3 21S 37E

FOOTAGE LOCATION UNIT LETTER SECTION TOWNSHIP RANGE

WELLBORE SCHEMATIC

WELL CONSTRUCTION DATA

Surface Casing

Hole Size: 17 1/2 Casing Size: 10 3/4

Cemented with: 250 or 8'

Top of Cement: Surface Method Determined: Circumferential

Intermediate Casing

Hole Size: 11" Casing Size: 7 5/8

Cemented with: 1420 or 8'

Top of Cement: 575 Method Determined: Temp log

Production Casing

Hole Size: 5 1/2 Casing Size: 5 1/2

Cemented with: 625 or 8'

Top of Cement: 3290 Method Determined: Temp log

Total Depth: 7825'

Injection Interval

feet to

(Perforated or Open Hole, indicate which)

INJECTION WELL DATA SHEET

Tubing Size: _____ Lining Material: _____

Type of Packer: _____

Packer Setting Depth: _____

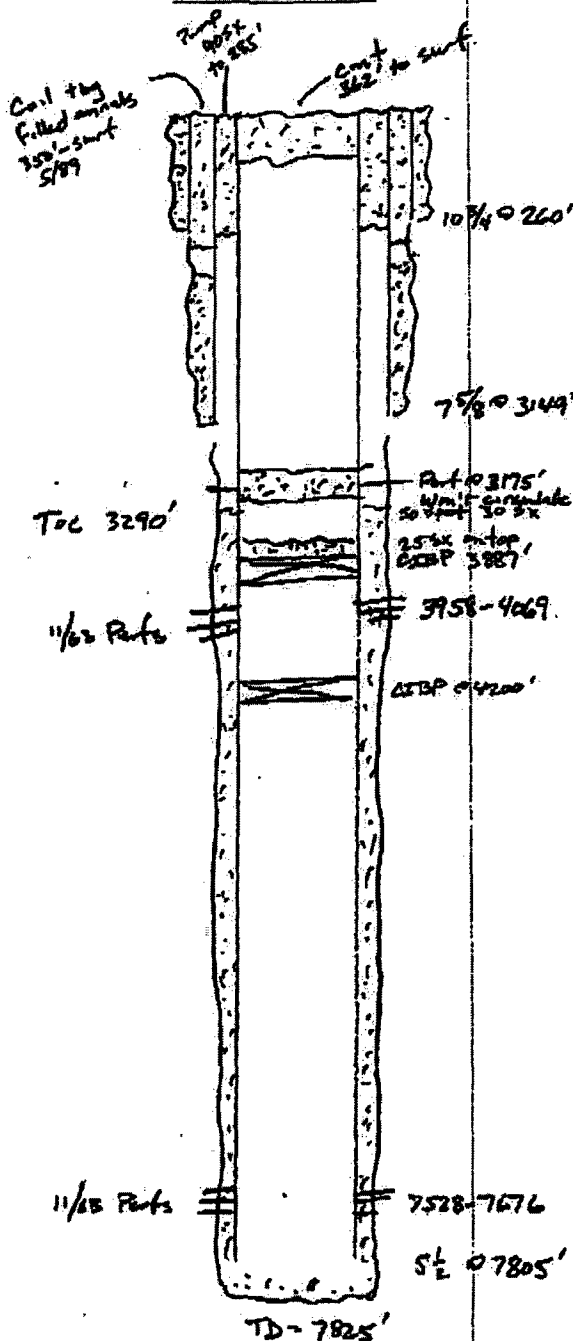
Other Type of Tubing/Casing Seal (if applicable): _____

Additional Data

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

2. Name of the Injection Formation: _____
3. Name of Field or Pool (if applicable): _____
4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e. sacks of cement or plug(s) used. _____

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



Side 1

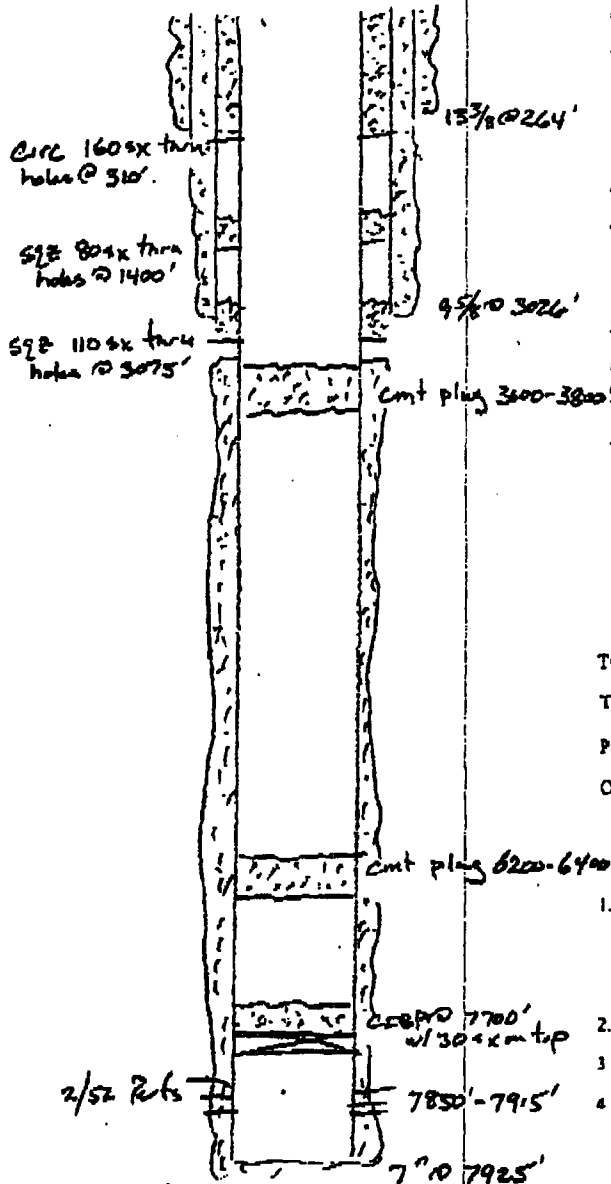
INJECTION WELL DATA SHEET

OPERATOR: Chevron U.S.A.

WELL NAME & NUMBER: Harry Leonard NCT-F #2

WELL LOCATION: 660 FSL, 1980 FEL D 2 21S 37E
FOOTAGE LOCATION UNIT LETTER SECTION TOWNSHIP RANGE

WELLBORE SCHEMATIC



WELL CONSTRUCTION DATA

Hole Size: 17 1/2 Casing Size: 13 3/8

Cemented with: 300 ft. or _____ ft.

Top of Cement: Surf Method Determined: Calcn

Intermediate Casing

Hole Size: 12 1/4 Casing Size: 9 5/8

Cemented with: 1200 ft. or _____ ft.

Top of Cement: Surf Method Determined: Calcn

Production Casing

Hole Size: 8 3/4 Casing Size: 7

Cemented with: 850 ft. or _____ ft.

Top of Cement: 3403 Method Determined: Calcn

Total Depth: 7926'

Injection Interval

_____ feet to _____

(Perforated or Open Hole; indicate which)

INJECTION WELL DATA SHEET

Tubing Size: _____ Lining Material: _____

Type of Packer: _____

Packer Setting Depth: _____

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

Additional Data

- 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: _____

Side 1

INJECTION WELL DATA SHEET

OPERATOR: Elliot Oil Co

WELL NAME & NUMBER: Humble Federal #1

WELL LOCATION: 330 FSL, 990 FEL P 1 21S 37E

FOOTAGE LOCATION UNIT LETTER SECTION TOWNSHIP RANGE

WELLBORE SCHEMATIC

WELL CONSTRUCTION DATA

Surface Casing

Hole Size: N/A Casing Size: _____

Cemented with: _____ or _____ ft

Top of Cement: _____ Method Determined: _____

Intermediate Casing

Hole Size: N/A (assume 11") Casing Size: B 5/8

Cemented with: 1400 or _____ ft

Top of Cement: Surf Method Determined: Caken

Production Casing

Hole Size: 6 3/4" Casing Size: 5 1/2

Cemented with: 500 or _____ ft

Top of Cement: 3650' Method Determined: Caken

Total Depth: 6039'

Injection Interval

_____ feet to _____

(Perforated or Open Hole, indicate which)

INJECTION WELL DATA SHEET

Tubing Size: _____ Lining Material: _____

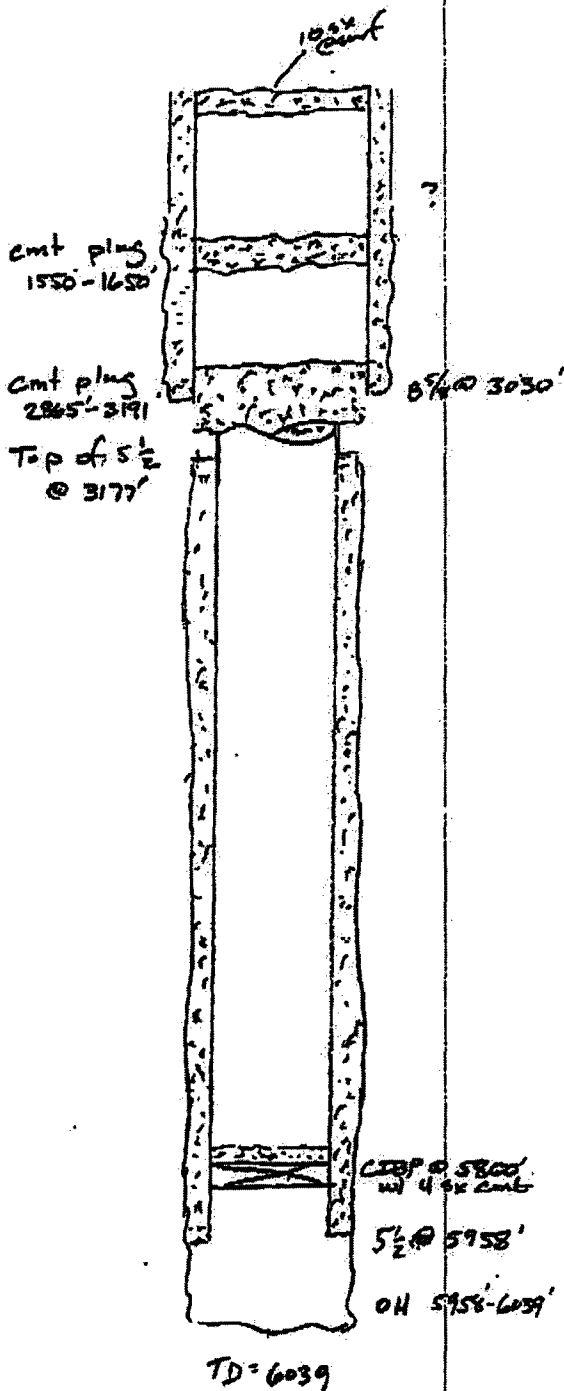
Type of Packer: _____

Packer Setting Depth: _____

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

Additional Data

- 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 performed 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: _____



TD = 6039