



VGSAU C-108 Application

Injection Well Information Schematics and Data Sheets

1/1/02 VGSAU 049
2/1/02 VGSAU 150
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3/1/03 VGSAU 035
1/1/04 VGSAU 033
2/1/04 VGSAU 047
2/1/04 VGSAU 148
4/1/04 VGSAU 048
1/1/05 VGSAU 032
1/1/05 VGSAU 147
2/1/05 VGSAU 031
2/1/05 VGSAU 046
3/1/05 St 35 Unit 037
1/1/06 VGSAU 020
2/1/06 VGSAU 019
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4/1/06 VGSAU 017
5/1/06 VGSAU 016
1/1/07 VGSAU 063
1/1/07 VGSAU 146
6/1/07 VGSAU 015
7/1/07 VGSAU 014
10/1/07 VGSAU 004
10/1/07 VGSAU 005

Injection Well Data Sheet

General Information:

Operator

Well Name

Number

Well Location

Footage Location

Unit Letter

Section

Township

Range

Texaco Inc.

Vacuum Grayburg San Andres Unit

4

220 FSL, 100 FWL

M

1

18S

34E

Downhole Equip.

Tubing Size

Lining Material

Packer Type

Packer Depth

2-3/8

Fiberglass - Rice Duoline

Gulberson G-6

4474

Surface Casing

Hole Size

Casing Size

Cemented with

Top of Cement

Method Det.

Depth Set

11

8.625

300

0

Circ'd

353

Intermediate Casing

Hole Size

Casing Size

Cemented with

Top of Cement

Method Det.

Depth Set

NA

Production String

Cement Job

Cement (sx)

Yield

200

300

1.32

2.51

Production Casing

Hole Size

Casing Size

Cemented with

Top of Cement

Method Det.

Depth Set

7.875

5.5

500

2620

Bond Log

4800

Injection Interval

4524-4777

Completion Type

Cased

Annular Vol Cf/Lf

0.173249719

Excess

Additional Data:

1. Is this a new well drilled for injection?

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, ie. Sacks of cement or plug(s) used.

No

Yes

X

No

Oil Producer

Grayburg San Andres

Vacuum

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

Yates at ~2700'

Glorieta at ~5800'

TEXACO INC
VACUUM GRBG-SADR UN NO. 4
API# 30025243320000

0 - 353' Cement 300 sx
0 - 353' 8.625" OD Surface Casing

0 - 353' 11" OD Openhole

1111 - 4800' Cement 500 sx, toc?

0 - 4800' 5.5" OD Production Casing

220 FSL & 100 FWL
SEC 1, T1N 18 S, RANGE 34 E
ELEVATION: 3999 GR
COMPLETION DATE: 02-22-73

COMPLETION INTERVAL: 4525 - 4590 (SADR)
TRT: 6000 GALS ACID (4525 - 4590)
TRT: FRAC 20000 GALS 7000 LBS (4525 - 4590)
IP: 29 BOPD, 57 MCFD, 0 BWPD (PUMPING)

6/16/82 convert to inj

Update 3/92

4525 - 4590' Peris
~~4524~~ - 4777'

353 - 4800' 7.875" OD Openhole

KB ELEV: 4009'

PBTD: 4788'

TD: 4800'

Injection Well Data Sheet

General Information:

Operator
Well Name
Number
Well Location
Footage Location
Unit Letter
Section
Township
Range

Texaco Inc.
Vacuum Grayburg San Andres Unit
5
210 FSL, 1420 FWL
N
1
18S
34E

Surface Casing

Hole Size
Casing Size
Cemented with
Top of Cement
Method Det.
Depth Set

11
8.625
300
0
Circ'd
357

Intermediate Casing

Hole Size
Casing Size
Cemented with
Top of Cement
Method Det.
Depth Set

NA

4387-4742
Cased

Downhole Equip.

Tubing Size
Lining Material
Packer Type
Packer Depth

2-3/8
Fiberglass - Rice Duoline
Guiberson G-6
4337

Additional Data:

1. Is this a new well drilled for injection?
If no, for what purpose was the well originally drilled?
2. Name of the Injection Formation:
3. Name of Field or Pool (if applicable):

Yes X No
Water Injector
Grayburg San Andres
Vacuum

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

No

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

Yates at ~2700'

Glorieta at ~5800'

Production String

Cement Job
Yield

200
1.32

Production Casing

Hole Size
Casing Size
Cemented with
Top of Cement
Method Det.
Depth Set

7.875
4.5
650
1751
Calc'd
4800

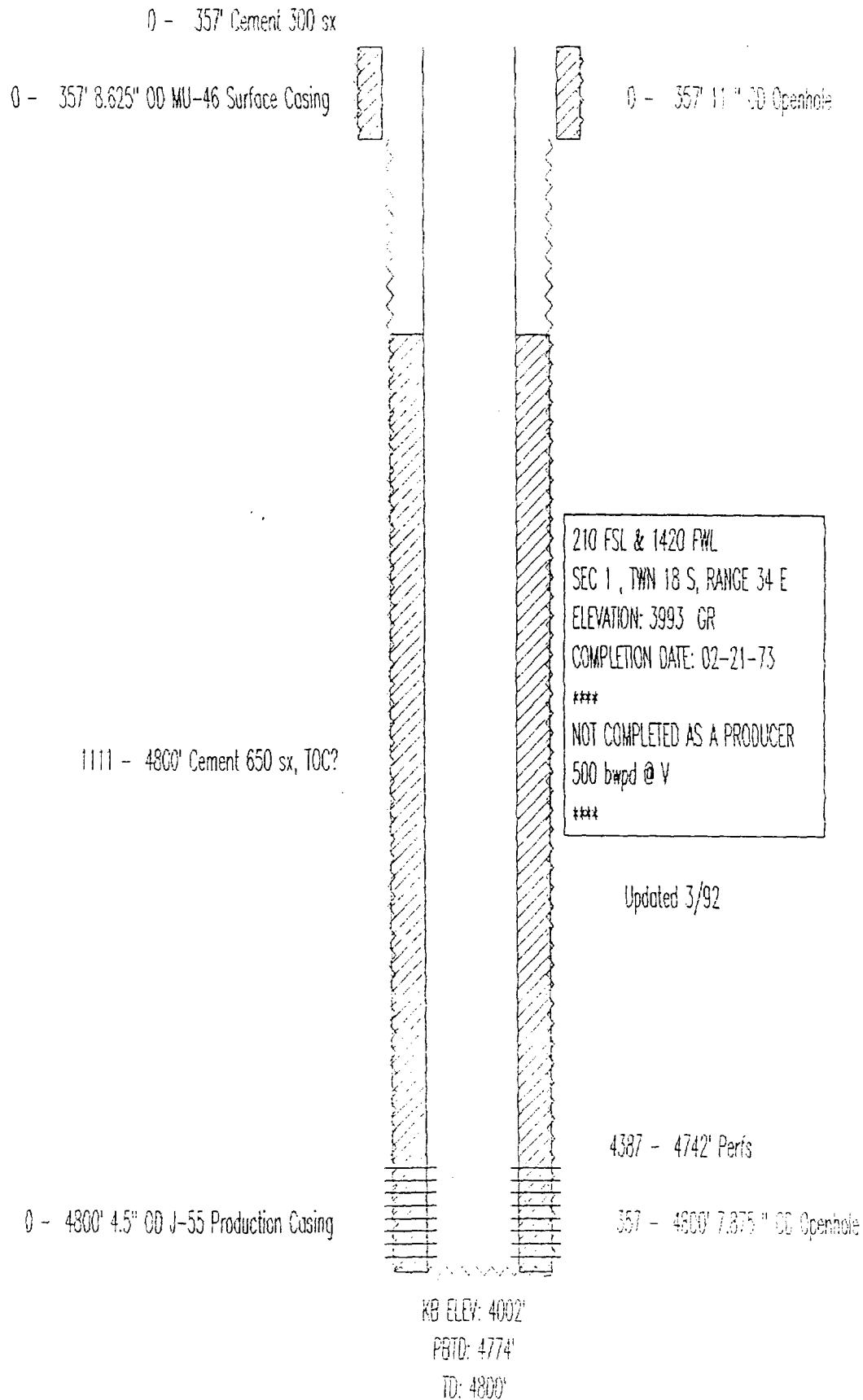
Injection Interval

Completion Type

Cased

Annular Vol Cf/Lf 0.227789719

TEXACO INC
VACUUM GRBG-SADR UN NO. W15
API# 30025243330000



Injection Well Data Sheet

General Information:

Operator
Well Name
Number
Well Location
Footage Location
Unit Letter
Section
Township
Range

Texaco Inc.
Vacuum Grayburg San Andres Unit
14
1500 FSL, 1500 FWL
K
2
18S
34E

Surface Casing

Hole Size
Casing Size
Cemented with
Top of Cement
Method Det.
Depth Set

11
8.625
300
0
Circ'd
356

Intermediate Casing

Hole Size
Casing Size
Cemented with
Top of Cement
Method Det.
Depth Set

NA

4512-4748

Downhole Equip.

Tubing Size
Lining Material
Packer Type
Packer Depth

2-3/8
Fiberglass - Rice Duoline
Guiberson G-6
4462

Additional Data:

1. Is this a new well drilled for injection?

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, ie. Sacks of cement or plug(s) used.

No

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

Yates at ~2700'

Glorieta at ~5800'

Production String

Cement Job

Yield

1.32

Production Casing

Hole Size

2.51

Casing Size

Cemented with

5.5

Top of Cement

Method Det.

100% Excess

Depth Set

4800

Injection Interval

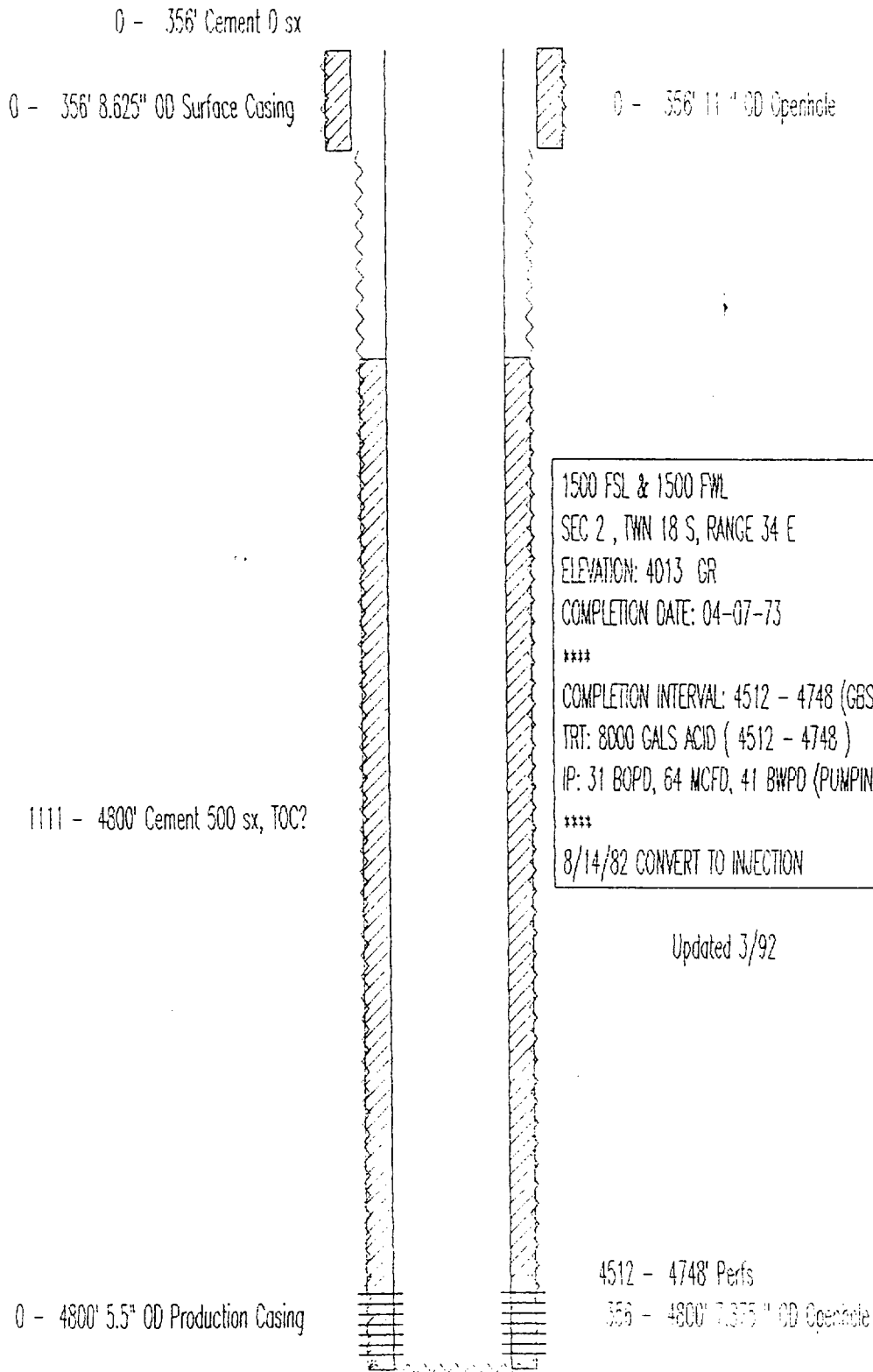
Completion Type

Cased

Annular Vol Cf/Lf

0.173249719

TEXACO INC
VACUUM GRBG-SADR UN NO. 14
API# 30025243590000



KB ELEV: 4024'
PBTD: 4788'
TD: 4800'

Injection Well Data Sheet

General Information:

Operator
Well Name
Number
Well Location
Footage Location
Unit Letter
Section
Township
Range

Texaco Inc.

Vacuum Grayburg San Andres Unit

15

1400 FSL, 2450 FEL

J

2

18S

34E

Downhole Equip.

Tubing Size
Lining Material
Packer Type
Packer Depth

2-3/8

Fiberglass - Rice Duoline

Guiberson G-6

4482

Additional Data:

1. Is this a new well drilled for injection?

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, ie. Sacks of cement or plug(s) used.

No

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

Yates at ~2700'

Glorieta at ~5800'

Surface Casing

Hole Size
Casing Size
Cemented with
Top of Cement
Method Det.
Depth Set

11

8.625

350

0

Circ'd

356

Intermediate Casing

Hole Size
Casing Size
Cemented with
Top of Cement
Method Det.
Depth Set

NA

Production String

Cement Job

200

Yield

1.32

Production Casing

Hole Size
Casing Size
Cemented with
Top of Cement
Method Det.
Depth Set

7.875

4.5

650

1751

Calc'd

4800

100%

Excess

Injection Interval

Completion Type

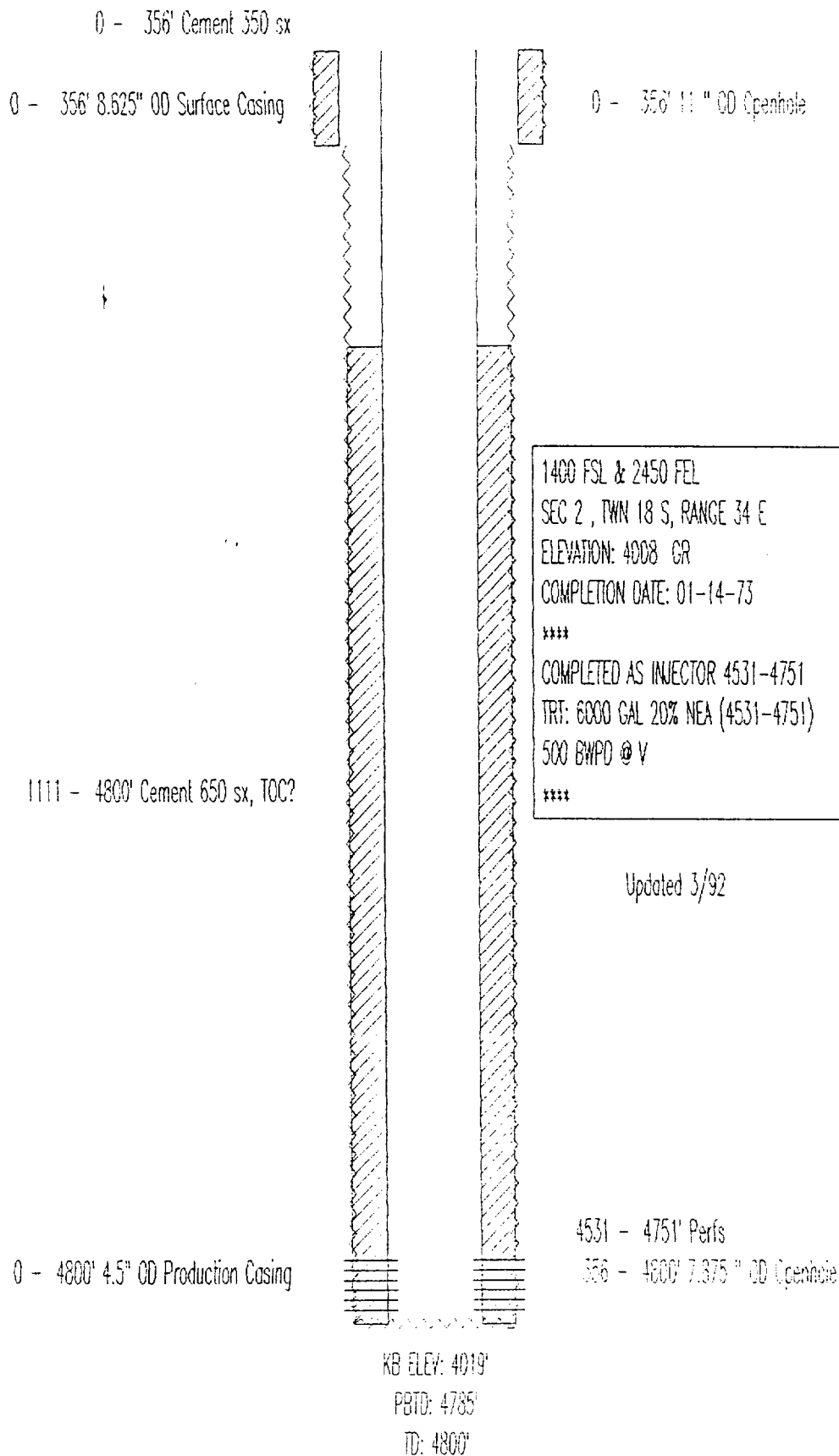
Cased

4531-4751

Annular Vol Cf/Lf

0.227789719

TEXACO INC
VACUUM GRBG-SADR UN NO. W115-
API# 30025243280000



Injection Well Data Sheet

General Information:

Operator
Well Name
Number
Well Location
Footage Location
Unit Letter
Section
Township
Range

Texaco Inc.
Vacuum Grayburg San Andres Unit
16
1400 FSL, 1300 FEL
1
2
18S
34E

Surface Casing

Hole Size
Casing Size
Cemented with
Top of Cement
Method Det.
Depth Set

11
8.625
300
0
Circ'd
353

Intermediate Casing

Hole Size
Casing Size
Cemented with
Top of Cement
Method Det.
Depth Set

NA

4428-4742
Cased

Downhole Equip.

Tubing Size
Lining Material
Packer Type
Packer Depth

2-3/8
Fiberglass - Rice Duoline
Gulberson G-6
4378

Additional Data:

1. Is this a new well drilled for injection?

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, ie. Sacks of cement or plug(s) used.

No

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

Yates at ~2700'

Glorieta at ~5800'

Production String

Cement Job

Cement (sx)
Yield

200
1.32

Production Casing

Hole Size
Casing Size
Cemented with
Top of Cement
Method Det.
Depth Set

7.875
5.5
500
1879
Calc'd
4800

Injection Interval

Completion Type

4428-4742
Cased

Annular Vol Cf/Lf 0.173249719

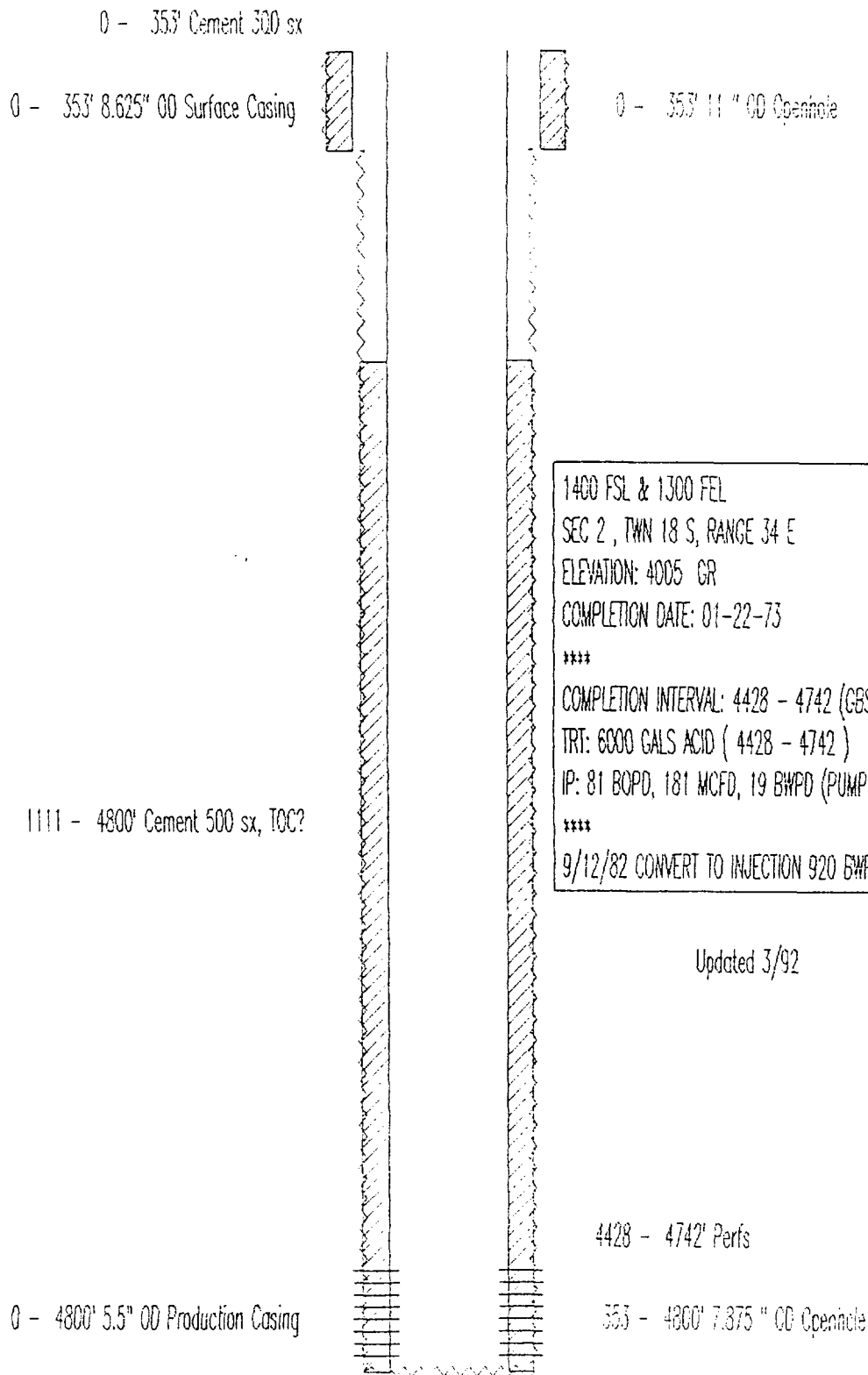
Yes X No

Oil Producer

Grayburg San Andres

Vacuum

TEXACO INC
VACUUM CYBG-SADR UN NO. 16
API# 30025243080000



KB ELEV: 4015'
PBTD: 4757'
TD: 4800'

Injection Well Data Sheet

General Information:

Operator
Well Name
Number
Well Location
Footage Location
Unit Letter
Section
Township
Range

Texaco Inc.
Vacuum Grayburg San Andres Unit
17
1400 FSL, 10 FEL
1
2
18S
34E

Surface Casing

Hole Size
Casing Size
Cemented with
Top of Cement
Method Det.
Depth Set

11
8.625
350
0
Circ'd
364

Production String

Cement Job
Cement (sx)
Yield

200
450
1.32
2.51

Production Casing

Hole Size
Casing Size
Cemented with
Top of Cement
Method Det.
Depth Set

7.875
4.5
650
1750
Calc'd
4800

Intermediate Casing

Hole Size
Casing Size
Cemented with
Top of Cement
Method Det.
Depth Set

NA

Injection Interval
4386-4740
Completion Type
Cased

Annular Vol Cf/Lf 0.227789719

Downhole Equip.

Tubing Size
Lining Material
Packer Type
Packer Depth

2-3/8
Fiberglass - Rice Duoline
Guiberson G-6
4336

Additional Data:

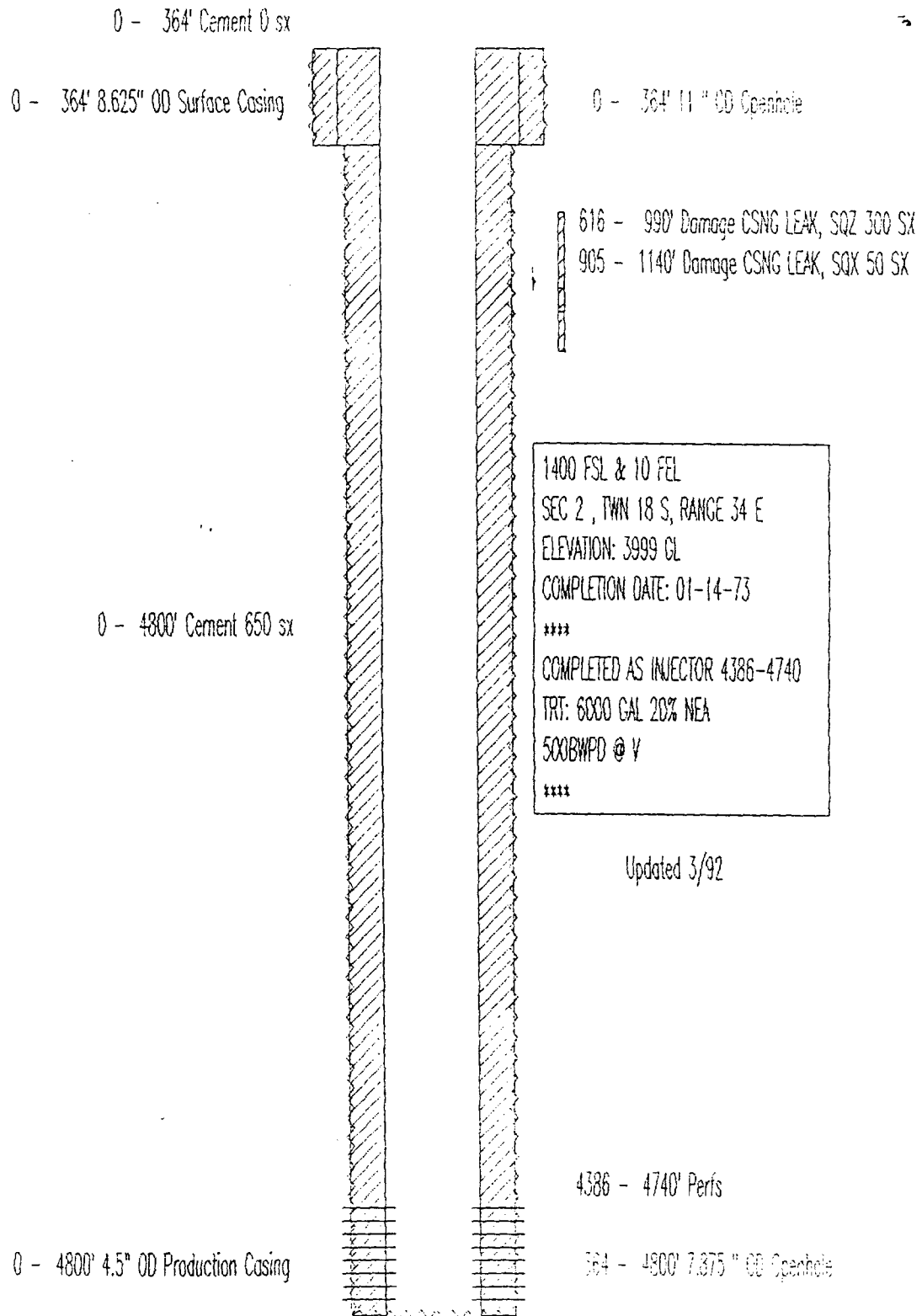
- Is this a new well drilled for injection?
If no, for what purpose was the well originally drilled?
- Name of the Injection Formation:
- Name of Field or Pool (if applicable):
- Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, ie. Sacks of cement or plug(s) used.

Yes X No
Water Injection
Grayburg San Andres
Vacuum

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

Yates at ~2700'
Glorieta at ~5800'

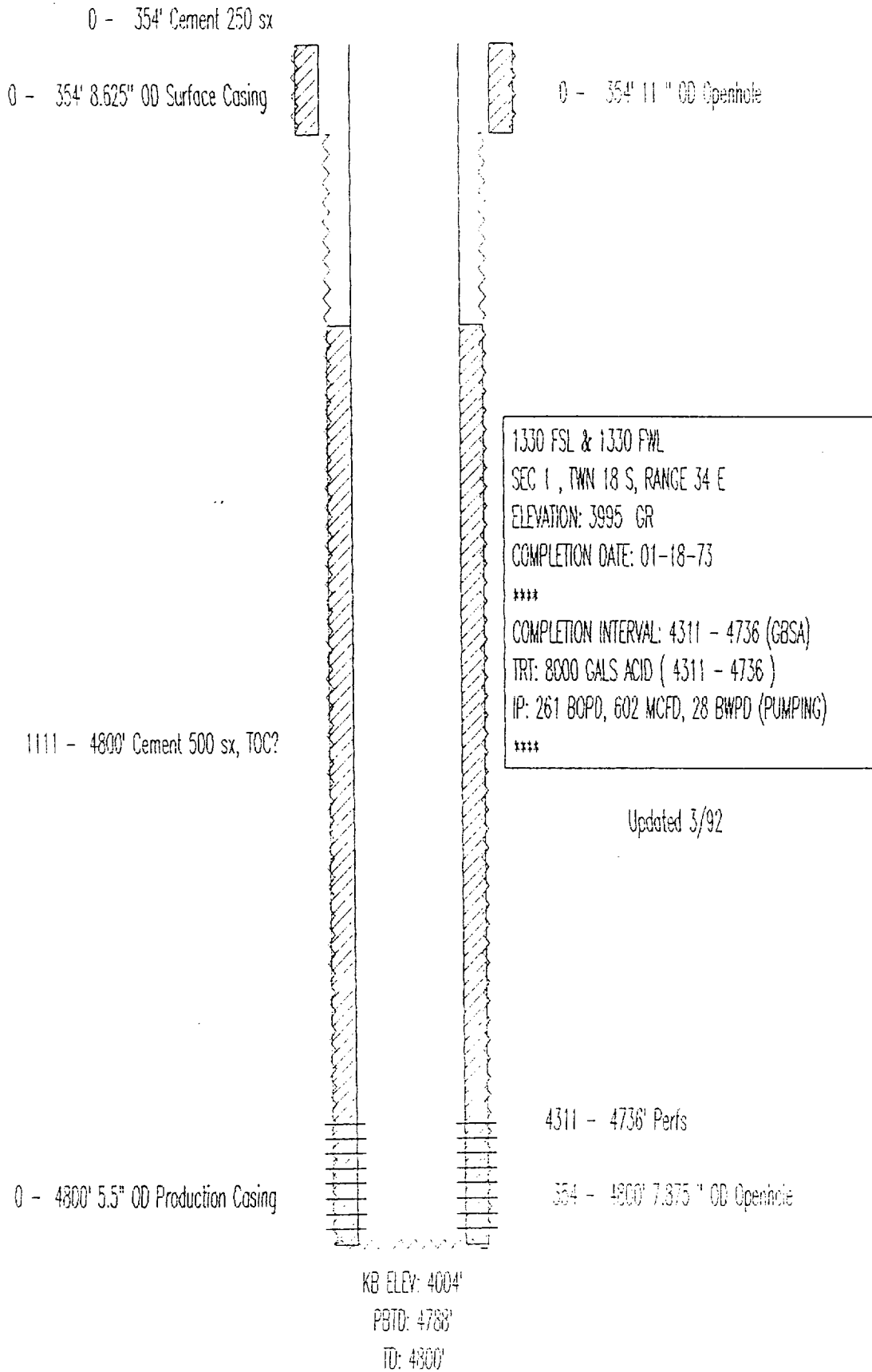
TEXACO INC
VACUUM GRBG-SADR UN NO. W117
API# 30025243160000



KB ELEV: 4010'
PBTD: 4784'
TD: 4800'

General Information:		Surface Casing		Production String		Cement (sx)	Yield
Operator	Texaco Inc.	Hole Size	11	Cement Job	200	200	1.32
Well Name	Vacuum Grayburg San Andres Unit	Casing Size	8.625		300	300	2.51
Number	18	Cemented with	250	Production Casing			
Well Location		Top of Cement	0	Hole Size		7.875	
Footage Location	1330 FSL, 1330 FWL	Method Det.	Circ'd	Casing Size		5.5	
Unit Letter	K	Depth Set	354	Cemented with		500	
Section	1			Top of Cement		1879	
Township	18S	Intermediate Casing		Method Det.		Calc'd	100% Excess
Range	34E	Hole Size	NA	Depth Set		4800	
		Casing Size					
		Cemented with		Injection Interval	4311-4736		
		Top of Cement		Completion Type	Cased		
		Method Det.					
		Depth Set					
Downhole Equip.		Annular Vol Cfl/Lf 0.173249719					
Tubing Size	2-3/8						
Lining Material	Fiberglass - Rice Duoline						
Packer Type	Guiberson G-6						
Packer Depth	4261						
Additional Data:							
1. Is this a new well drilled for injection?		Yes		X		No	
If no, for what purpose was the well originally drilled?		Oil Producer					
2. Name of the Injection Formation:		Grayburg San Andres					
3. Name of Field or Pool (if applicable):		Vacuum					
4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, ie. Sacks of cement or plug(s) used.							
No							
5. Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area:							
Yates at ~2700'							
Glorieta at ~5800'							

TEXACO INC
VACUUM GRBG-SADR UN NO. 18
API# 30025243170000



Injection Well Data Sheet

General Information:

Operator
Well Name
Number
Well Location
Footage Location
Unit Letter
Section
Township
Range

Texaco Inc.
Vacuum Grayburg San Andres Unit
19
1310 FSL, 2540 FWL
N
1
18S
34E

Surface Casing

Hole Size
Casing Size
Cemented with
Top of Cement
Method Det.
Depth Set

11
6.625
300
0
Circ'd
354

Intermediate Casing

Hole Size
Casing Size
Cemented with
Top of Cement
Method Det.
Depth Set

NA
NA
NA
NA
NA
NA

Downhole Equip.

Tubing Size
Lining Material
Packer Type
Packer Depth

2-7/8"
Fiberglass - Rice Duoline
Guiberson G-6
4327'

Production String

Cement Job
Yield

200
1.32

Production Casing

Hole Size
Casing Size
Cemented with
Top of Cement
Method Det.
Depth Set

7.875
4.5
650
1685
Calc'd
4735

Injection Interval

Completion Type

4377-4683
Cased

Annular Vol Cf/Lf
0.227789719

Additional Data:

1. Is this a new well drilled for injection?

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, ie. Sacks of cement or plug(s) used.

No

Yes X No

Water Injection

Grayburg San Andres

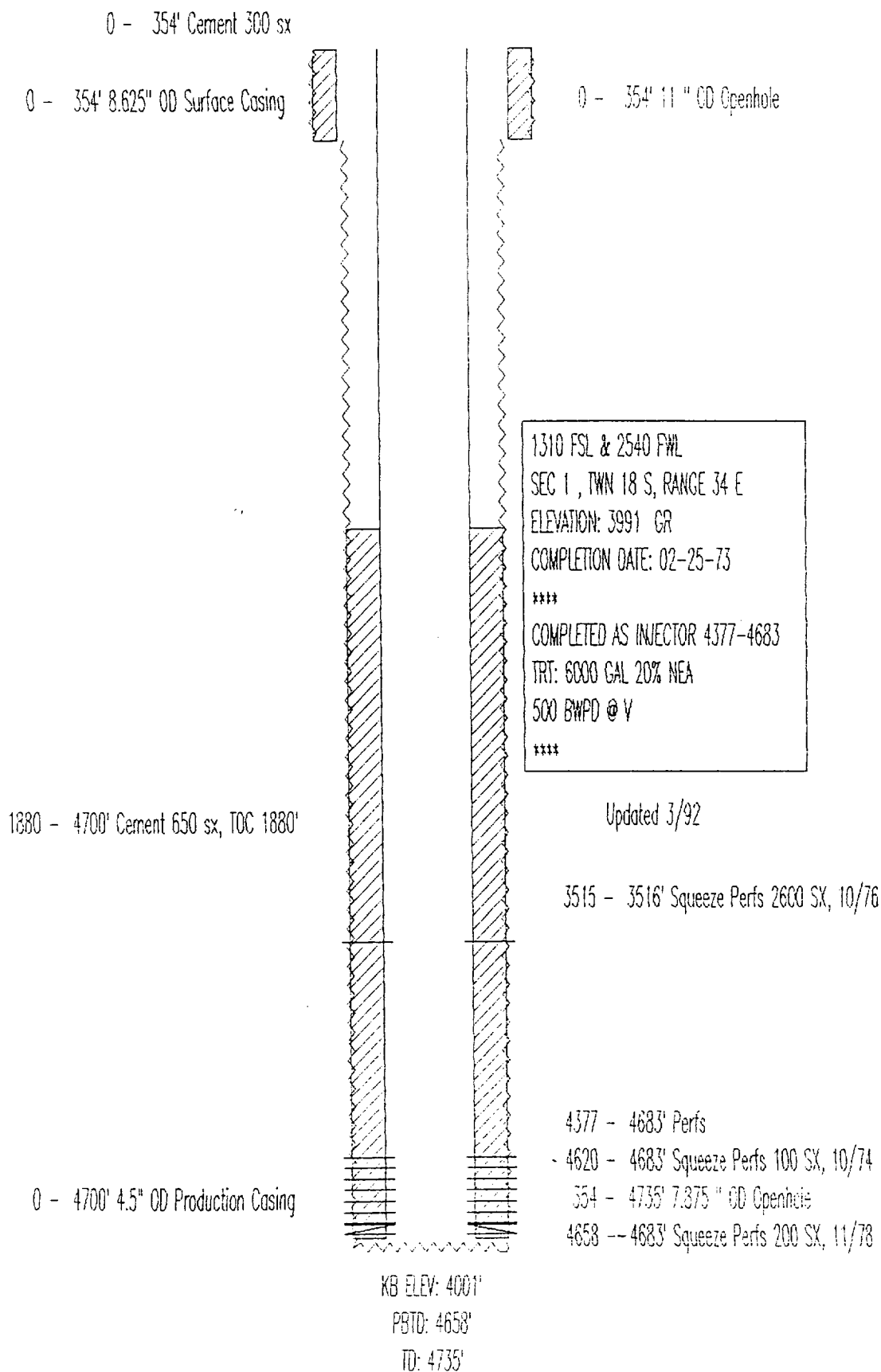
Vacuum

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

Yates at ~2700'

Glorieta at ~5800'

TEXACO INC
 VACUUM GRBG-SADR UN NO. W119
 API# 30025243310000



Injection Well Data Sheet

General Information:

Operator Texaco Inc.
Well Name Vacuum Grayburg San Andres Unit
Number 20
Well Location 1330 FSL, 1330 FEL
Footage Location J
Unit Letter 1
Section 18S
Township 34E
Range

Downhole Equip.

Tubing Size 2-3/8
Lining Material Fiberglass - Rice Duoline
Packer Type Guiberson G-6
Packer Depth 4353

Additional Data:

1. Is this a new well drilled for injection?
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, ie. Sacks of cement or plug(s) used.
No

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

Yates at ~2700'

Glorieta at ~5800'

Surface Casing

Hole Size 11
Casing Size 8 625
Cemented with 300
Top of Cement 0
Method Det. Circ'd
Depth Set 353

Intermediate Casing

Hole Size NA
Casing Size
Cemented with
Top of Cement
Method Det.
Depth Set

Production String

Cement Job 200 Cement (sx) 200 Yield 1.32

Production Casing

Hole Size 7.875
Casing Size 5.5
Cemented with 500
Top of Cement 1879
Method Det. Calc'd 100% Excess
Depth Set 4800

Injection Interval

Completion Type Cased

Annular Vol Cf/Lf 0.173249719

Yes X No

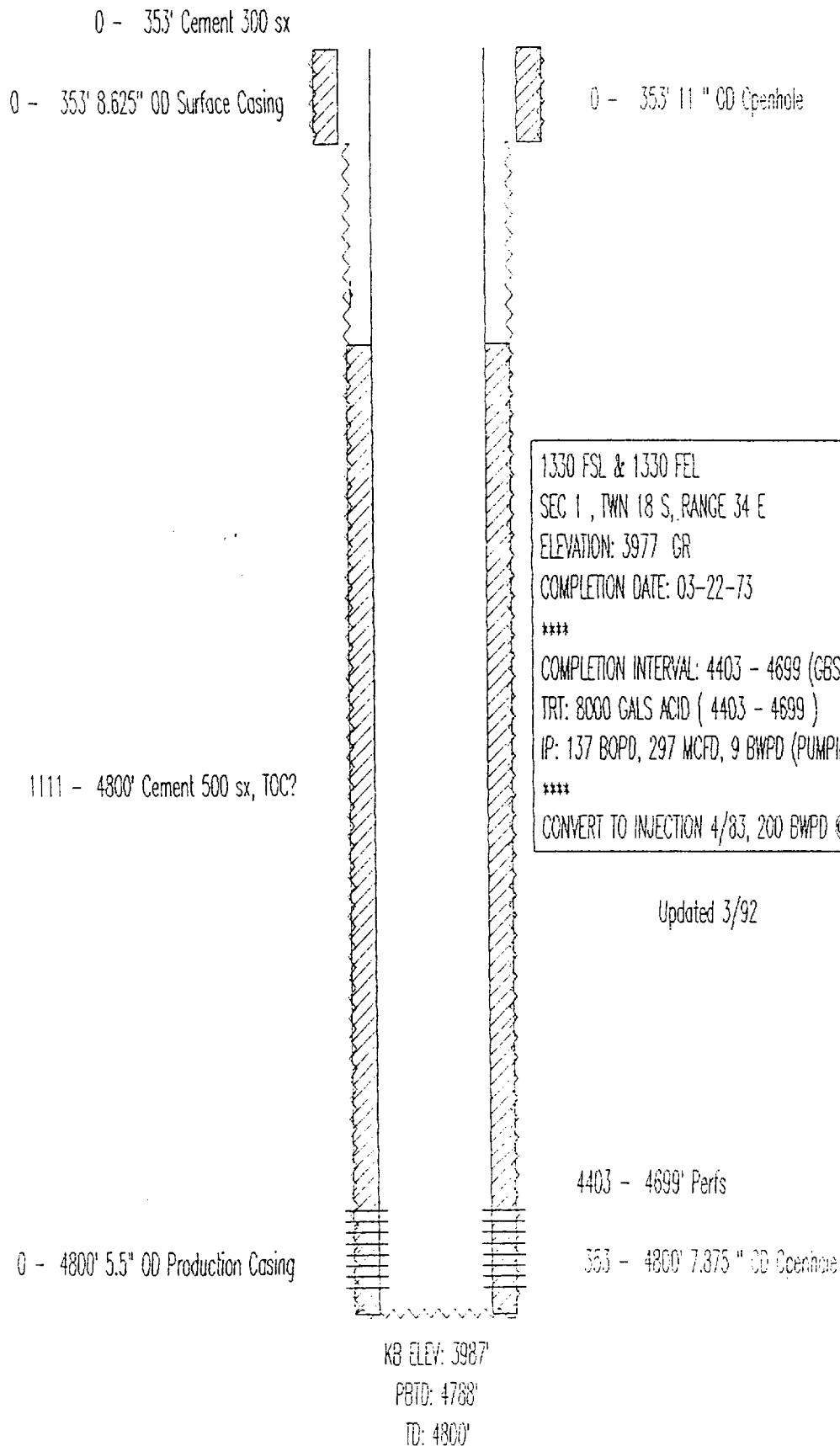
Oil Producer

Grayburg San Andres

Vacuum

List all such perforated intervals and give plugging detail, ie. Sacks of cement or plug(s) used.

TEXACO INC
VACUUM GRBG-SADR UN NO. 20
API# 30025243600000



Injection Well Data Sheet

General Information:

Operator Texaco Inc.
Well Name Vacuum Grayburg San Andres Unit
Number 31
Well Location _____
Footage Location 2630 FSL, 1330 FEL
Unit Letter J
Section 2
Township 18S
Range 34E

Downhole Equip.

Tubing Size 2-3/8
Lining Material Fiberglass - Rice Duoline
Packer Type Guiberson G-6
Packer Depth 4326

Additional Data:

1. Is this a new well drilled for injection?
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, ie. Sacks of cement or plug(s) used.
No

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

Yates at ~2700'

Glorieta at ~5800'

Surface Casing

Hole Size 11
Casing Size 8 625
Cemented with 210
Top of Cement 0
Method Det. Circ'd
Depth Set 360

Intermediate Casing

Hole Size NA
Casing Size _____
Cemented with _____
Top of Cement _____
Method Det. _____
Depth Set _____

Production String

Cement Job 200 Yield 1.32
Cement (sx) 450 Yield 2.51

Production Casing

Hole Size 7.875
Casing Size 4.5
Cemented with 650
Top of Cement 1750
Method Det. Calcd 100% Excess
Depth Set 4800

Injection Interval

Completion Type 4376-4705
Cased/OH _____

Annular Vol Cfl/Lf 0.227789719

Yes X No

Oil Producer

Grayburg San Andres

Vacuum

TEXACO INC
VACUUM GRBG-SADR UN NO. W131
API# 30025243140000

0 - 360' Cement 210 sx
0 - 360' 8.625" OD Surface Casing
0 - 360' 11 " OD Openhole

1111 - 4710' Cement 650 sx, TOC?

0 - 4710' 4.5" OD Production Casing

2630 FSL & 1330 FEL
SEC 2 , TWN 18 S, RANGE 34 E
ELEVATION: 4005 GL
COMPLETION DATE: 01-14-73

COMPLETED AS INJECTOR 4376 - 4705
TRT: 6000 GAL 20% NEA
INITIAL INJ 500 BWPD @ V

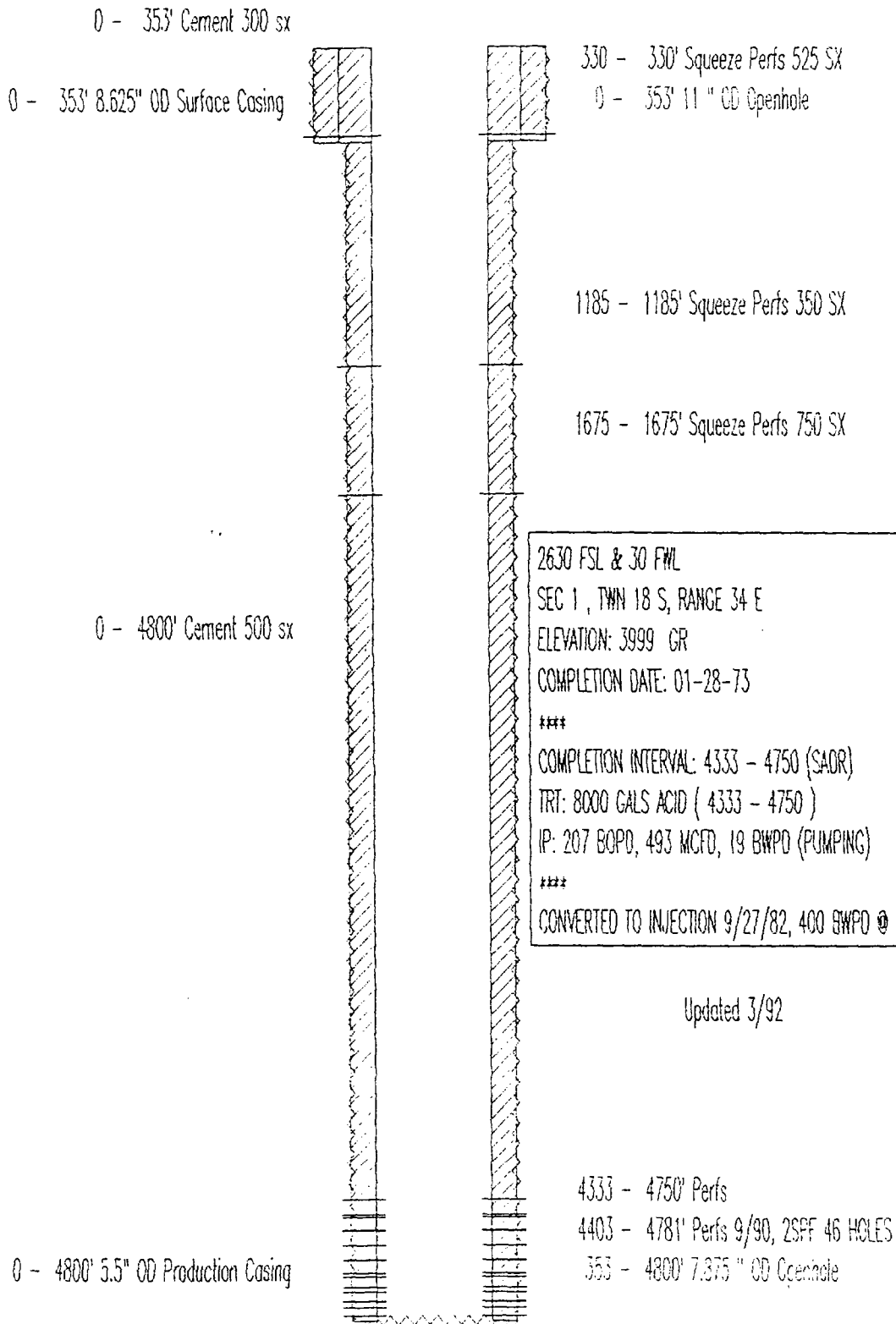
Updated 3/92

4376 - 4705' Perfs INITIAL
4385 - 4615' Perfs ADDED 1/91
360 - 4750' 7.875 " OD Openhole
4750 - 4800' 3.5" OD Openhole DRILLED OUT 1/91

KB ELEV: 4018'
TD: 4800'

General Information:		Surface Casing		Production String		Cement (sx)		Yield	
Operator		Hole Size		Cement Job		200		1.32	
Well Name		Casing Size		Production Casing		450		2.51	
Number		Cemented with		Hole Size		7.875			
Well Location		Top of Cement		Casing Size		4.5			
Footage Location		Method Det.		Cemented with		650			
Unit Letter		Depth Set		Top of Cement		1750			
Section		Intermediate Casing		Method Det.		Calc'd		100% Excess	
Township		Hole Size		Depth Set		4800			
Range		Casing Size		Injection Interval		4333-4781			
Downhole Equip.		Cemented with		Completion Type		Cased			
Tubing Size		Top of Cement							
Lining Material		Method Det.							
Packer Type		Depth Set							
Packer Depth									
2-3/8									
Fiberglass - Rice Duoline									
Guiberson G-6									
4283									
Additional Data:									
1. Is this a new well drilled for injection?		Yes		X		No			
If no, for what purpose was the well originally drilled?				Oil Producer					
2. Name of the Injection Formation:				Grayburg San Andres					
3. Name of Field or Pool (if applicable):				Vacuum					
4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, ie. Sacks of cement or plug(s) used.									
No									
5. Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area:									
Yates at ~2700'									
Glorieta at ~5800'									

TEXACO INC
VACUUM GRBG-SADR UN NO. 32
API# 30025243300000



2630 FSL & 30 FWL
SEC 1, TWN 18 S, RANGE 34 E
ELEVATION: 3999 GR
COMPLETION DATE: 01-28-73

COMPLETION INTERVAL: 4333 - 4750 (SADR)
TRT: 8000 GALS ACID (4333 - 4750)
IP: 207 BOPD, 493 MCFD, 19 BWPD (PUMPING)

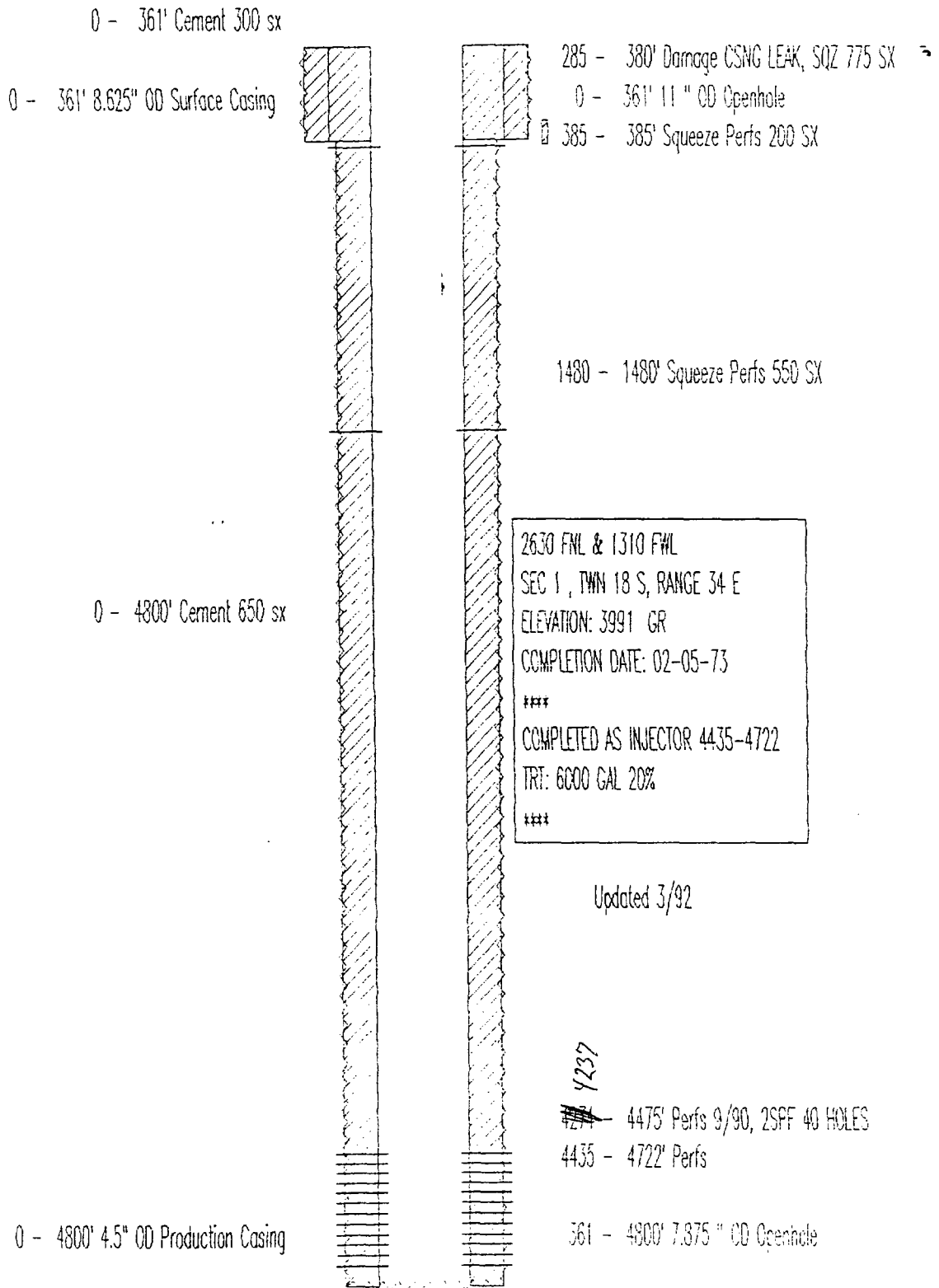
CONVERTED TO INJECTION 9/27/82, 400 BWPD @ 0 PSI

Updated 3/92

KB ELEV: 4012'
PSTD: 4789'
TD: 4800'

General Information:		Surface Casing		Production String		Cement (sx)	Yield
Operator	Texaco Inc.	Hole Size	11	Cement Job	200	1.32	
Well Name	Vacuum Grayburg San Andres Unit	Casing Size	8.625		450	2.51	
Number	33	Cemented with	300	Production Casing			
Well Location		Top of Cement	0	Hole Size	7.875		
Footage Location	2630 FNL, 1310 FWL	Method Det.	Circ'd	Casing Size	4.5		
Unit Letter	E	Depth Set	361	Cemented with	650		
Section	1			Top of Cement	1750		
Township	18S	Intermediate Casing		Method Det.	Calc'd	100%	Excess
Range	34E	Hole Size	NA	Depth Set	4800		
Downhole Equip.		Casing Size		Injection Interval	4237-4722		
Tubing Size	2-3/8	Cemented with		Completion Type	Cased		
Lining Material	Fiberglass - Rice Duoline	Top of Cement					
Packer Type	Guiberson G-6	Method Det.					
Packer Depth	4224	Depth Set					
Additional Data:		Yes		X	No		
1. Is this a new well drilled for injection?				Water Injector			
If no, for what purpose was the well originally drilled?				Grayburg San Andres			
2. Name of the Injection Formation:				Vacuum			
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, ie. Sacks of cement or plug(s) used.							
No							
5. Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area:							
Yates at ~2700'							
Glorieta at ~5800'							

TEXACO INC
VACUUM GRBG-SADR UN NO. W133
API# 30025243230000

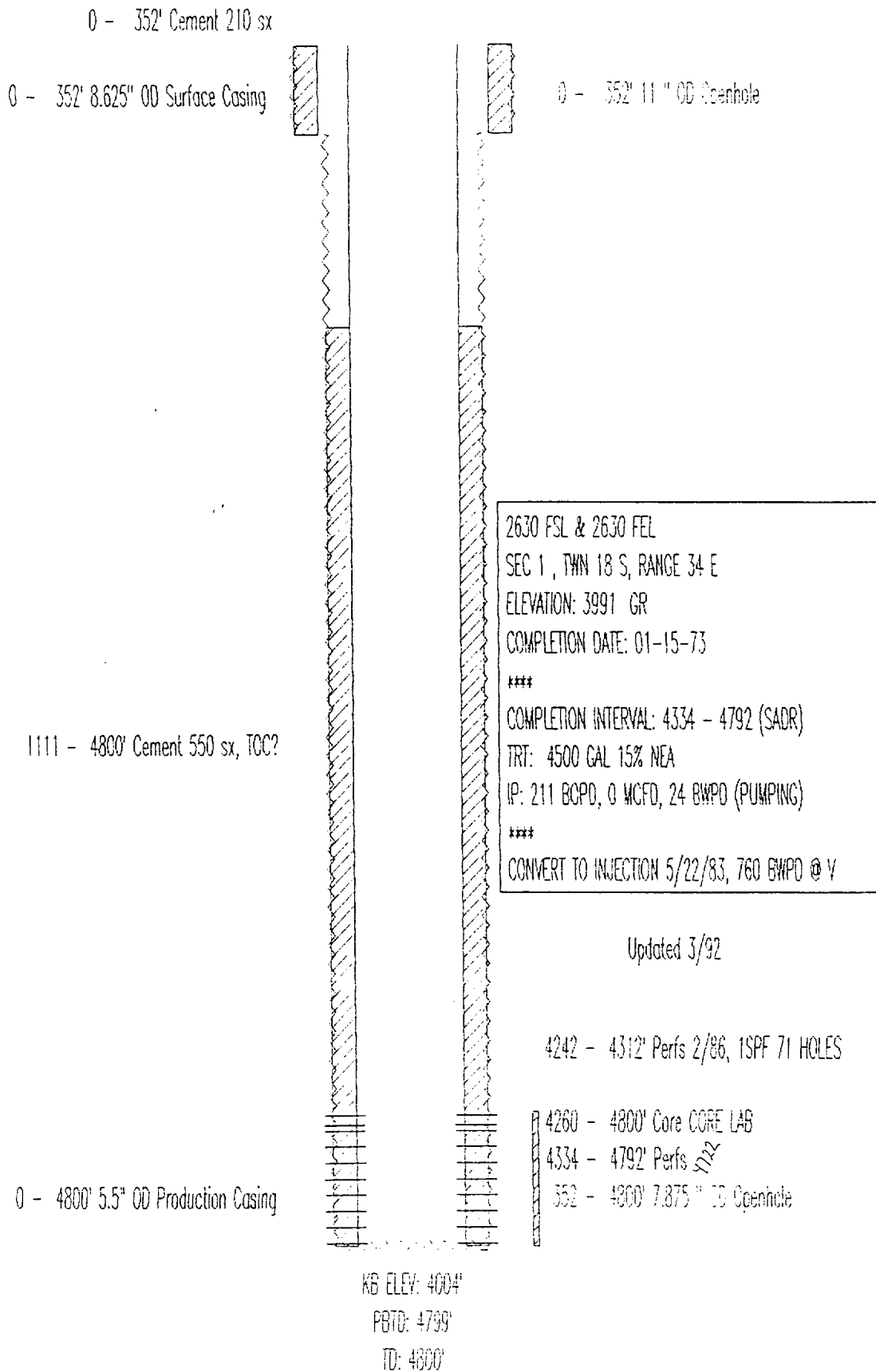


KB ELEV: 4004'
PBTD: 4790'
TD: 4800'

General Information:					
Operator	Texaco Inc.				
Well Name	Vacuum Grayburg San Andres Unit				
Number	34				
Well Location					
Footage Location	2630 FSL, 2630 FEL				
Unit Letter	J				
Section	1				
Township	18S				
Range	34E				
Downhole Equip.					
Tubing Size	2-3/8				
Lining Material	Fiberglass - Rice Duoline				
Surface Casing					
Hole Size	11				
Casing Size	8.625				
Cemented with	210				
Top of Cement	0				
Method Det.	Circ'd				
Depth Set	352				
Intermediate Casing					
Hole Size	NA				
Casing Size					
Cemented with					
Top of Cement					
Method Det.					
Depth Set					
Production String					
Cement Job	250		Cement (sx)		Yield
	300		7.875		1.32
			5.5		2.51
			550		
			1689		
			Calc'd		100%
			4800		Excess
Injection Interval					
Completion Type		Cased			
Annular Vol Cf/Lf 0.173249719					

General Information:					
Operator	Texaco Inc.				
Well Name	Vacuum Grayburg San Andres Unit				
Number	34				
Well Location					
Footage Location	2630 FSL, 2630 FEL				
Unit Letter	J				
Section	1				
Township	18S				
Range	34E				
Downhole Equip.					
Tubing Size	2-3/8				
Lining Material	Fiberglass - Rice Duoline				
Surface Casing					
Hole Size	11				
Casing Size	8.625				
Cemented with	210				
Top of Cement	0				
Method Det.	Circ'd				
Depth Set	352				
Intermediate Casing					
Hole Size	NA				
Casing Size					
Cemented with					
Top of Cement					
Method Det.					
Depth Set					
Production String					
Cement Job	250		Cement (sx)		Yield
	300		7.875		1.32
			5.5		2.51
			550		
			1689		
			Calc'd		100%
			4800		Excess
Injection Interval					
Completion Type		Cased			
Annular Vol Cf/Lf 0.173249719					

TEXACO INC
VACUUM GRBG-SADR UN NO. 34
API# 30025243120000



Injection Well Data Sheet

General Information:

Operator Texaco Inc.
Well Name Vacuum Grayburg San Andres Unit
Number 35
Well Location
Footage Location 2630 FNL, 1330 FEL
Unit Letter G
Section 1
Township 18S
Range 34E

Downhole Equip.

Tubing Size 2-3/8
Lining Material Fiberglass - Rice Duoline
Packer Type Guiberson G-6
Packer Depth 4062

Additional Data:

1. Is this a new well drilled for injection?
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, ie. Sacks of cement or plug(s) used.
No

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

Yates at ~2700'

Glorieta at ~5800'

Surface Casing

Hole Size 11
Casing Size 8.625
Cemented with 300
Top of Cement 0
Method Det. Circ'd
Depth Set 357

Intermediate Casing

Hole Size NA
Casing Size
Cemented with
Top of Cement
Method Det.
Depth Set

Production String Cement Job

Cement (sx) 200
Yield 1.32
450 2.51

Production Casing

Hole Size 7.875
Casing Size 4.5
Cemented with 650
Top of Cement 1750
Method Det. Calc'd 100% Excess
Depth Set 4800

Injection Interval

4112-4737
Completion Type Cased

Annular Vol Cf/Lf 0.227789719

TEXACO INC
VACUUM GRBG-SADR UN NO. W135
API# 30025243610000

0 - 357' Cement 300 sx
0 - 357' 8.625" OD Surface Casing

0 - 357' 11" OD Openhole

1036 - 1038' Damage REPLACE 1010' CSNG, CMT 350 SX, 9/81
1039 - 1039' Damage REPLACE 850' CSNG, SQZ 300 SX, 6/74

0 - 4800' Cement 650 sx

2630 FNL & 1330 FEL
SEC 1, TWN 18 S, RANGE 34 E
ELEVATION: 3985 GR
COMPLETION DATE: 03-27-73

COMPLETED AS INJECTOR 4360-4737
TRT: 6000 GAL 20% NEA
INITIAL INJ 500 BWPD @ V

Updated 3/92

4112' - 4237' 2 SSPF

4254 - 4338' Perfs 1 SPF, 2/86

4360 - 4737' Perfs

357 - 4800' 7.375" OD Openhole

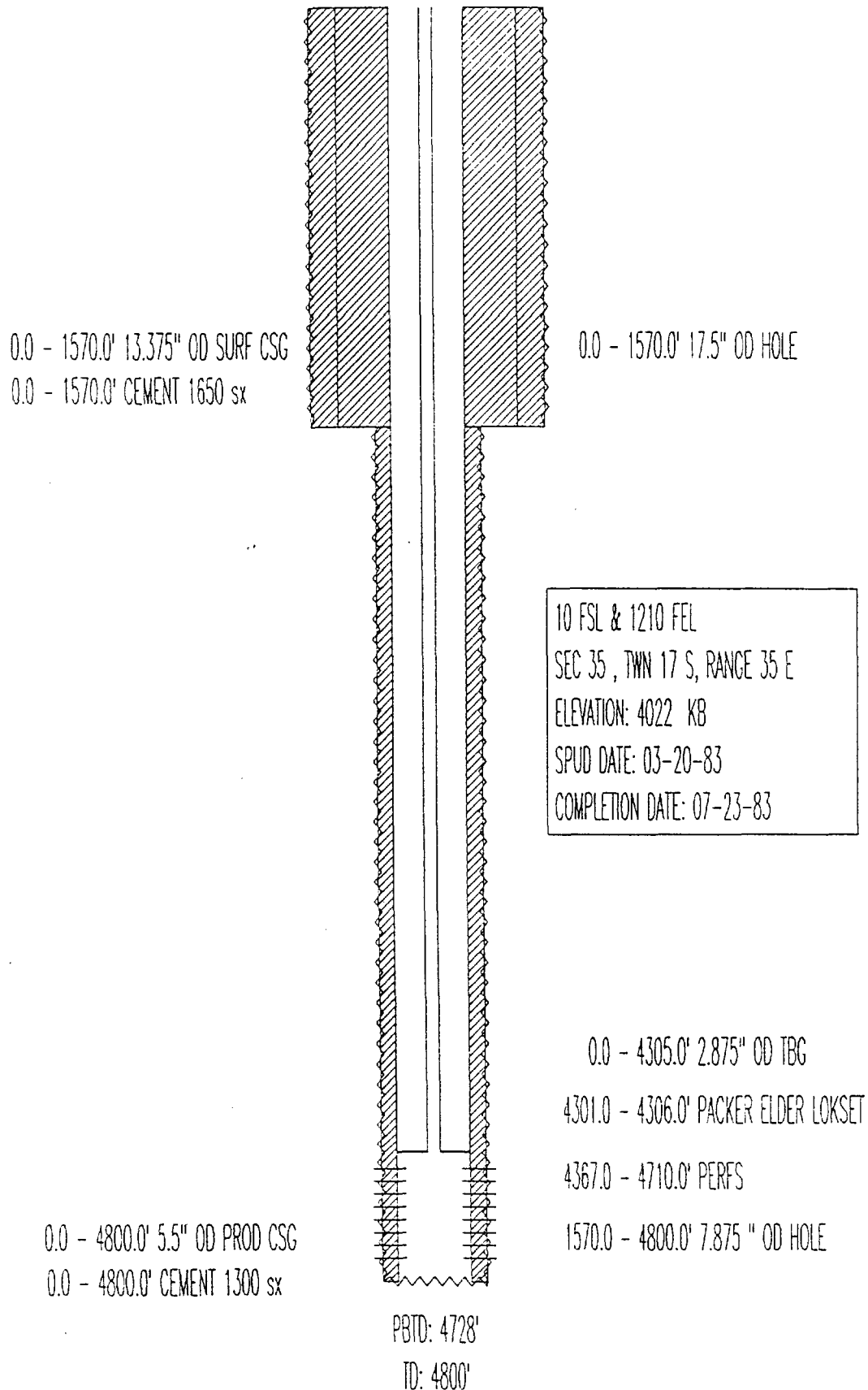
0 - 4800' 4.5" OD Production Casing

KB ELEV: 3998'
PBD: 4788'
TD: 4800'

General Information:					
Operator	Phillips Petroleum				
Well Name	State 35				
Number	37				
Well Location					
Footage Location	10 FSL, 1210 FEL				
Unit Letter	Phillips Petroleum				
Section	35				
Township	17S				
Range	35E				
Downhole Equip.					
Tubing Size	2-7/8"				
Lining Material	Plastic Coating				
Packer Type	Elder Lokset				
Packer Depth	4301				
Additional Data:					
1. Is this a new well drilled for injection?					
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, ie. Sacks of cement or plug(s) used.					
No					
5. Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area:					
Yates at ~2700'					
Glorieta at ~5800'					

PHILLIPS PETROLEUM
HALE #19
API# 3002528062

STATE 35 #37



Injection Well Data Sheet

General Information:

Operator Texaco Inc.
Well Name Vacuum Grayburg San Andres Unit
Number 46
Well Location
Footage Location 1405 FNL, 1230 FEL
Unit Letter H
Section 2
Township 18S
Range 34E

Downhole Equip.

Tubing Size 2-3/8
Lining Material Fiberglass - Rice Duoline
Packer Type Guberson G-6
Packer Depth 4269

Additional Data:

1. Is this a new well drilled for injection?

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, ie. Sacks of cement or plug(s) used.

No

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

Yates at ~2700'

Glorieta at ~5800'

Surface Casing

Hole Size 11
Casing Size 8.625
Cemented with 300
Top of Cement 0
Method Det. Circ'd
Depth Set 356

Intermediate Casing

Hole Size NA
Casing Size
Cemented with
Top of Cement
Method Det.
Depth Set

Production String

Cement Job Cement (sx) Yield
200 1.32

Production Casing

Hole Size 7.875
Casing Size 5.5
Cemented with 500
Top of Cement 1879
Method Det. Calc'd 100% Excess
Depth Set 4800

Injection Interval

4319-4785
Completion Type Cased

Annular Vol Cfl/Lf 0.173249719

Yes X No

Oil Producer

Grayburg San Andres

Vacuum

TEXACO INC
VACUUM GRBG-SADR UN. NO. 46
API# 30025243640000

0 - 356' Cement 300 sx
0 - 356' 8.625" OD Surface Casing

0 - 356' 11" OD Openhole

1111 - 4800' Cement 300 sx, TOC?

0 - 4800' 5.5" OD Production Casing

1405 FNL & 1230 FEL
SEC 2, TWN 18 S, RANGE 34 E
ELEVATION: 4009 GR
COMPLETION DATE: 03-07-73

COMPLETION INTERVAL: 4319 - 4697 (GESA)
TRT: 8000 GALS ACID (4319 - 4697)
IP: 99 BOPD, 226 MCFD, 7 BHPD (PUMPING)

Updated 3/92

4319 - 4697' Perfs
4412 - 4785' Perfs 2 SPF 48 HOLES, 6/90
356 - 4800' 7.875" OD Openhole

KB ELEV: 4019'
PBTD: 4788'
TD: 4800'

Injection Well Data Sheet

General Information:		Surface Casing		Production String	
Operator	Texaco Inc.	Hole Size	11	Cement Job	Yield
Well Name	Vacuum Grayburg San Andres Unit	Casing Size	8 625		200 1.32
Number	47	Cemented with	300		400 2.51
Well Location		Top of Cement	0	Production Casing	
Footage Location	1330 FNL, 10 FEL	Method Det.	Circ'd	Hole Size	7.875
Unit Letter	A	Depth Set	355	Casing Size	4.5
Section	2			Cemented with	600
Township	18S			Top of Cement	2026
Range	34E			Method Det.	Calc'd 100% Excess
				Depth Set	4800
Downhole Equip.		Intermediate Casing		Injection Interval	
Tubing Size	2-3/8	Hole Size	NA		4361-4739
Lining Material	Fiberglass - Rice Duoline	Casing Size		Completion Type	Cased
Packer Type	Guiberson G-6	Cemented with			
Packer Depth	4311	Top of Cement			
		Method Det.			
		Depth Set			
				Annular Vol Cf/Lf 0.227789719	
Additional Data:					
1. Is this a new well drilled for injection?		Yes		X	No
If no, for what purpose was the well originally drilled?		Water Injection			
2. Name of the Injection Formation:		Grayburg San Andres			
3. Name of Field or Pool (if applicable):		Vacuum			
4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, ie. Sacks of cement or plug(s) used.					
No					
5. Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area:					
Yates at ~2700'					
Glorieta at ~5800'					

TEXACO INC
VACUUM GRBC-SADR UN NO. W147
API# 30025243650000

0 - 355' Cement 300 sx
0 - 355' 8.625" OD Surface Casing

0 - 355' 11" OD Openhole

1111 - 4800' Cement 600 sx, TOC?

0 - 4800' 4.5" OD Production Casing

1330 FNL & 10 FEL
SEC 2, TWN 18 S, RANGE 34 E
ELEVATION: 4001 GR
COMPLETION DATE: 04-04-73

COMPLETED AS INJECTOR 4361-4739
TRT: 6000 GAL 20% NEA
INITIAL INJ 600 BWPD @ 0 PSI

Updated 3/92

4361 - 4739' Perfs

4403 - 4712' Perfs 2 SPF 32 HOLES, 6/90

355 - 4800' 7.875" OD Openhole

KB ELEV: 4011'

TD: 4800'

Injection Well Data Sheet

General Information:

Operator
Well Name
Number
Well Location
Footage Location
Unit Letter
Section
Township
Range

Texaco Inc.
Vacuum Grayburg San Andres Unit
48
1330 FNL, 1330 FWL
F
1
18S
34E

Surface Casing

Hole Size
Casing Size
Cemented with
Top of Cement
Method Det.
Depth Set

11
8 625
200
0
Circ'd
355

Intermediate Casing

Hole Size
Casing Size
Cemented with
Top of Cement
Method Det.
Depth Set

NA
NA
NA
NA
NA
NA

Downhole Equip.

Tubing Size
Lining Material
Packer Type
Packer Depth

2-3/8
Fiberglass - Rice Duoline
Guiberson G-6
4230

Additional Data:

1. Is this a new well drilled for injection?

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, ie. Sacks of cement or plug(s) used.

No

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

Yates at ~2700'

Glorieta at ~5800'

Production String

Cement Job
Cement (sx)
Yield

200
300
1.32
2.51

Production Casing

Hole Size
Casing Size
Cemented with
Top of Cement
Method Det.
Depth Set

7.875
5.5
500
1879
Calc'd
4800

Injection Interval

Completion Type

Cased

Annular Vol Cfl/Lf

0.173249719

Yes X No

Oil Producer

Grayburg San Andres

Vacuum

TEXACO INC
VACUUM GRBG-SADR UN NO. 48
API# 30025243220000

0 - 355' Cement 200 sx
0 - 355' 8.625" OD Surface Casing

0 - 355' 11 " OD Openhole

1111 - 4800' Cement 500 sx, TOC?

0 - 4800' 5.5" OD Production Casing

1330 FNL & 1330 FWL

SEC 1, TWN 18 S, RANGE 34 E

ELEVATION: 3994 GR

COMPLETION DATE: 02-13-73

COMPLETION INTERVAL: 4389 - 4730 (SADR)

TRT: 8000 GALS ACID (4389 - 4730)

IP: 216 BOPD, 495 MCFD, 11 BHPD (PUMPING)

CONVERT TO INJECTION 1/26/83

INITIAL INJ 800 BHPD @ V

Updated 3/92

4280 - 4372' Perfs 2 SPF 26 HOLES, 8/87

4389 - 4730' Perfs

355 - 4800' 7.875 " OD Openhole

KB ELEV: 4004'

PBTD: 4788'

TD: 4800'

Injection Well Data Sheet

General Information:		Surface Casing		Production String	
Operator	Texaco Inc.	Hole Size	11	Cement Job	Yield
Well Name	Vacuum Grayburg San Andres Unit	Casing Size	8.625	200	1.32
Number	49	Cemented with	300		
Well Location		Top of Cement	0		
Footage Location	1390 FNL, 2580 FWL	Method Det.	Circ'd		
Unit Letter	F	Depth Set	358		
Section	1	Intermediate Casing			
Township	18S	Hole Size	NA		
Range	34E	Casing Size			
		Cemented with			
		Top of Cement			
		Method Det.			
		Depth Set			
Downhole Equip.		Injection Interval			
Tubing Size	2-3/8	4284-4731			
Lining Material	Fiberglass - Rice Duoline	Completion Type			
Packer Type	Guiberson G-6	Cased			
Packer Depth	4234				
		Annular Vol Cf/lf 0.227789719			
Additional Data:					
1. Is this a new well drilled for injection?		Yes		X No	
If no, for what purpose was the well originally drilled?		Water Injection			
2. Name of the Injection Formation:		Grayburg San Andres			
3. Name of Field or Pool (if applicable):		Vacuum			
4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, ie. Sacks of cement or plug(s) used.					
No					
5. Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area:					
Yates at ~2700'					
Glorieta at ~5800'					

TEXACO INC
VACUUM GRBG-SADR UN NO. W149
API# 30025243290000

0 - 358' Cement 300 sx
0 - 358' 8.625" OD Surface Casing

0 - 358' 11" OD Openhole

1111 - 4800' Cement 500 sx, TOC?

1390 FNL & 2580 FWL
SEC 1, TWN 18 S, RANGE 34 E
ELEVATION: 3991 GR
COMPLETION DATE: 02-16-73

COMPLETED AS INJECTOR 4373-4731
TRT: 6000 GAL 20% NEA
INITIAL RATE 500 BHPD @ 0 PSI

Updated 3/92

0 - 4800' 4.5" OD Production Casing

4065 - 4067' Squeeze Perfs TEST FOR CHANNEL, 150 SX

4284 - 4360' Perfs 1 SPF, 2/86

4373 - 4731' Perfs

358 - 4800' 7.875" OD Openhole

KB ELEV: 4001'

PBTD: 4778'

TD: 4800'

Injection Well Data Sheet

General Information:

Operator
Well Name
Number
Well Location
Footage Location
Unit Letter
Section
Township
Range

Texaco Inc.

Vacuum Grayburg San Andres Unit

50

1330 FNL, 1330 FEL

G

1

18S

34E

Downhole Equip.

Tubing Size
Lining Material
Packer Type
Packer Depth

2-3/8

Fiberglass - Rice Duoline

Guiberson G-6

4270

Additional Data:

1. Is this a new well drilled for injection?
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, ie. Sacks of cement or plug(s) used.

No

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

Yates at ~2700'

Glorieta at ~5800'

Surface Casing

Hole Size
Casing Size
Cemented with
Top of Cement
Method Det.
Depth Set

11

8.625

300

0

Circ'd

354

Intermediate Casing

Hole Size
Casing Size
Cemented with
Top of Cement
Method Det.
Depth Set

NA

Production String
Cement Job

Yield

Cement (sx)

200

300

1.32

2.51

Production Casing

Hole Size
Casing Size
Cemented with
Top of Cement
Method Det.
Depth Set

7.875

5.5

500

1879

Calc'd

4800

100% Excess

Injection Interval

Completion Type

4133-4743

Cased

Annular Vol Cf/Lf

0.173249719

TEXACO INC
VACUUM GRBG-SADR UN NO. 50
API# 30025243660000

0 - 354' Cement 300 sx
0 - 354' 8.625" OD Surface Casing

0 - 354' 11" OD Openhole

1111 - 4800' Cement 500 sx, TOC?

0 - 4800' 5.5" OD Production Casing

1330 FNL & 1330 FEL
SEC 1, TWN 18 S, RANGE 34 E
ELEVATION: 3987 GR
COMPLETION DATE: 03-12-73

COMPLETION INTERVAL: 4389 - 4743 (SADR)
TRT: 8000 GALS ACID (4389 - 4743)
IP: 213 BOPD, 495 MCFD, 13 BWPD (PUMPING)

CONVERT TO INJECTION 4/11/83
INITIAL RATE 540 BWPD @ 0 PSI

Updated 3/92

4133' - 4245' (180 HOLES)

4320 - 4358' Perfs 1 SPF, 2/86

4389 - 4743' Perfs

354 - 4800' 7.375" OD Openhole

KB ELEV: 3997'

PBTD: 4788'

TD: 4800'

Injection Well Data Sheet

General Information:

Operator
Well Name
Number
Well Location
Footage Location
Unit Letter
Section
Township
Range

Texaco Inc.
Vacuum Grayburg San Andres Unit
63
50 FNL, 2630 FEL
B
2
18S
34E

Downhole Equip.

Tubing Size
Lining Material
Packer Type
Packer Depth

2-3/8
Fiberglass - Rice Duoline
Gulberson G-6
4434

Additional Data:

1. Is this a new well drilled for injection?
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, ie. Sacks of cement or plug(s) used.

No

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

Yates at ~2700'

Glorieta at ~5800'

Surface Casing

Hole Size
Casing Size
Cemented with
Top of Cement
Method Det.
Depth Set

20
16
550
0
Circ'd
375

Intermediate Casing

Hole Size
Casing Size
Cemented with
Top of Cement
Method Det.
Depth Set

14.75
11.75
950
0
Circ'd
1590

Production String

Cement Job

Yield

Cement (sx)

Production Casing
Hole Size
Casing Size
Cemented with
Top of Cement
Method Det.
Depth Set

10.75
5.5
2000
0
Circ'd
4800

Injection Interval

Completion Type

4484-4709

Cased

Annular Vol Cf/Lf 0.465294375

Yes X No

Water Injector

Grayburg San Andres

Vacuum

List all such perforated

intervals and give plugging detail, ie. Sacks of cement or plug(s) used.

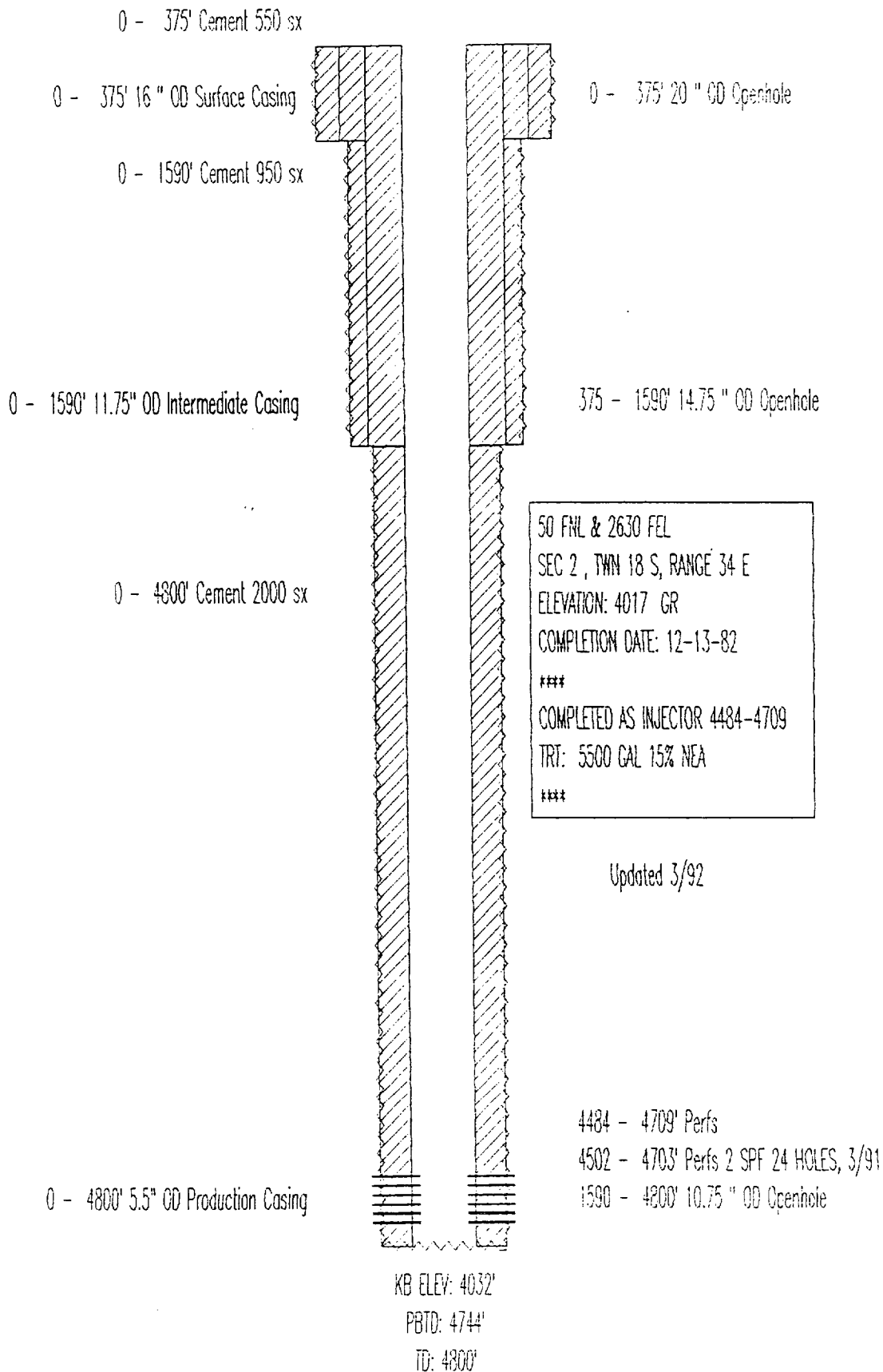
No

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

Yates at ~2700'

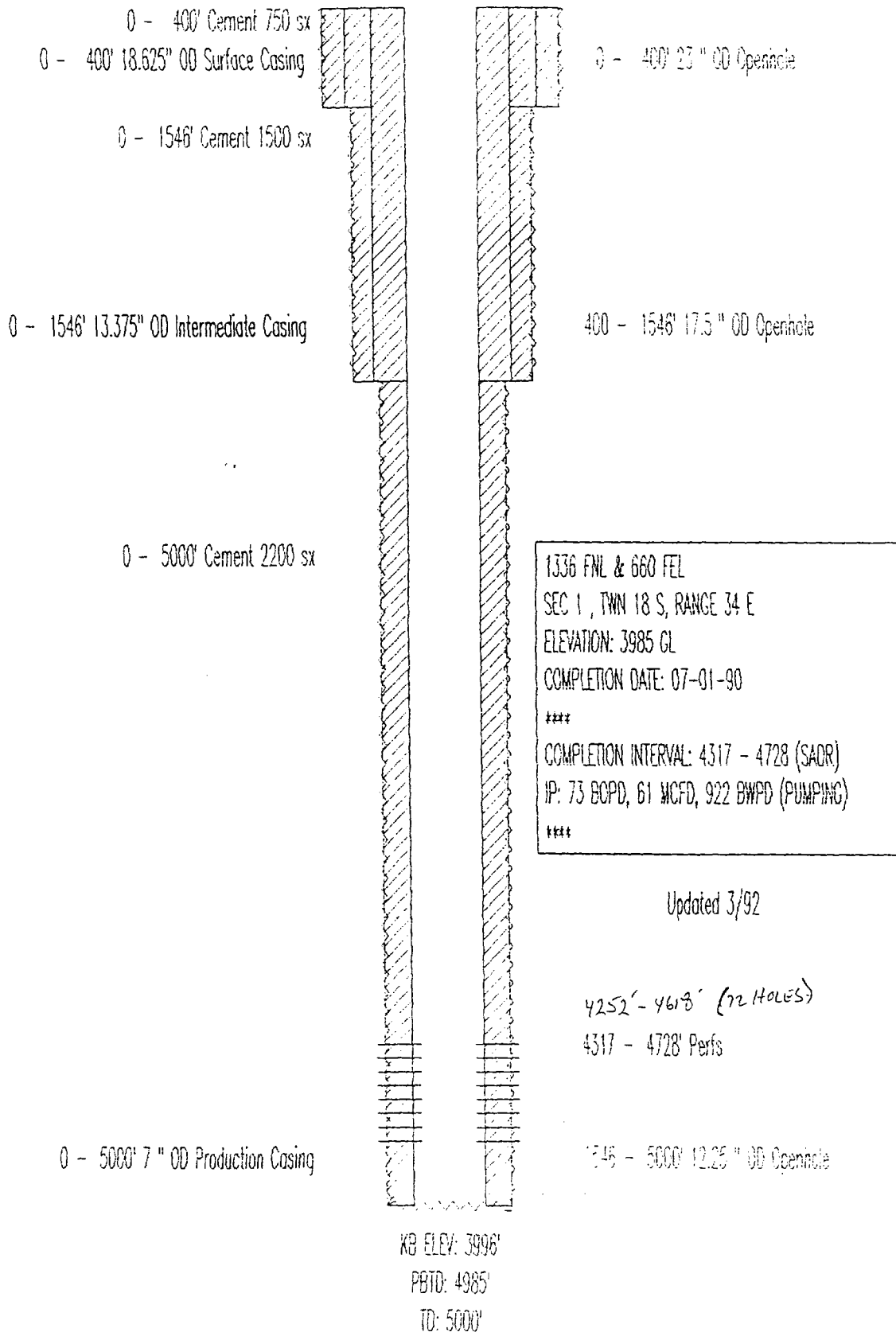
Glorieta at ~5800'

TEXACO INC
VACUUM/GBSA/UNIT NO. W1-63
API# 30025279740000

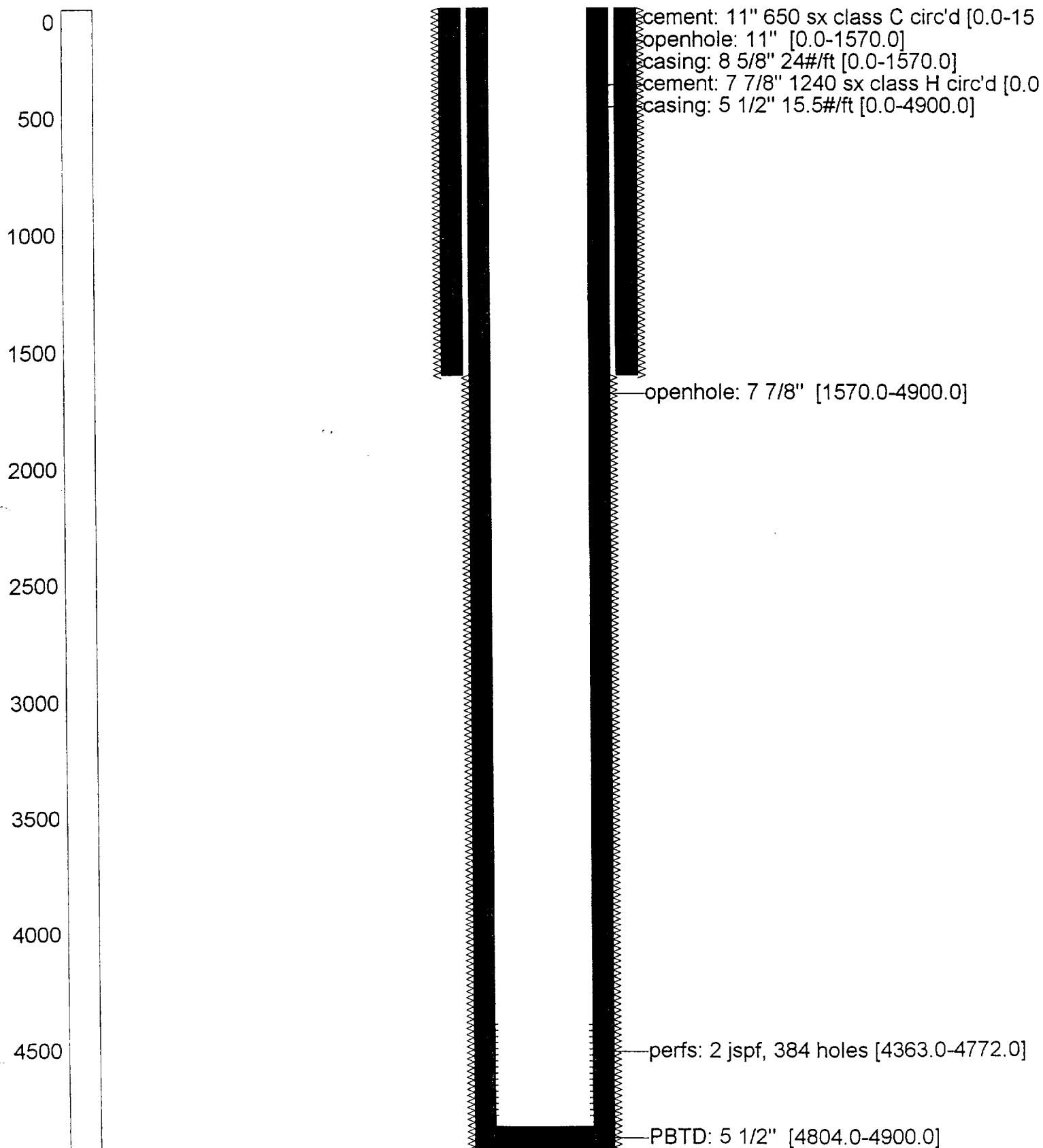


General Information:		Surface Casing		Production String		Cement (sx)		Yield	
Operator	Texaco Inc.	Hole Size	23	Cement Job					
Well Name	Vacuum Grayburg San Andres Unit	Casing Size	18.625	Production Casing					
Number	122	Cemented with	750	Hole Size	12.25				
Well Location		Top of Cement	0	Casing Size	7				
Footage Location	1336 FNL, 660 FEL	Method Det.	Circ'd	Cemented with	2200				
Unit Letter	H	Depth Set	400	Top of Cement	0				
Section	1	Intermediate Casing		Method Det.	Circ'd	Excess			
Township	18S	Hole Size	17.5	Depth Set	5000				
Range	34E	Casing Size	13.375	Injection Interval		4252-4728			
Downhole Equip.		Cemented with	1500	Completion Type		Cased			
		Top of Cement	0						
		Method Det.	Circ'd						
		Depth Set	1546						
Tubing Size		2-7/8		Annular Vol Cf/Lf		0.551194875			
Lining Material		Fiberglass - Rice Duoline							
Packer Type		Guiberson G-6							
Packer Depth		4267							
Additional Data:		Yes		X		No			
1. Is this a new well drilled for injection?		Oil Producer							
If no, for what purpose was the well originally drilled?		Grayburg San Andres							
2. Name of the Injection Formation:		Vacuum							
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, ie. Sacks of cement or plug(s) used.									
No									
5. Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area:									
Yates at ~2700'									
Glorieta at ~5800'									

TEXACO PROD
VACUUM (GRAYBURG-SA) NO. 122
API# 30025307210000



General Information:		Surface Casing		Production String		Cement (sx)	Yield
Operator	Texaco Inc.	Hole Size	11	Cement Job			
Well Name	Vacuum Grayburg San Andres Unit	Casing Size	8.625				
Number	146	Cemented with	650	Production Casing			
Well Location		Top of Cement	0	Hole Size	7.875		
Footage Location	1324 FNL, 1980 FEL	Method Det.	Circ'd	Casing Size	5.5		
Unit Letter	B	Depth Set	1570	Cemented with	1240		
Section	2			Top of Cement	0		
Township	18S	Intermediate Casing		Method Det.	Circ'd		Excess
Range	34E	Hole Size	NA	Depth Set	5000		
		Casing Size					
		Cemented with					
		Top of Cement		Injection Interval	4363-4772		
		Method Det.		Completion Type	Cased		
		Depth Set					
Downhole Equip.							
Tubing Size	2-3/8						
Lining Material	Fiberglass - Rice Duoline						
Packer Type	Guiberson G-6						
Packer Depth	4313						
Additional Data:							
1. Is this a new well drilled for injection?		Yes	X	No			
If no, for what purpose was the well originally drilled?		Water Injection					
2. Name of the Injection Formation:		Grayburg San Andres					
3. Name of Field or Pool (if applicable):		Vacuum					
4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, ie. Sacks of cement or plug(s) used.							
No							
5. Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area:							
Yates at ~2700'							
Glorieta at ~5800'							



Injection Well Data Sheet

General Information:

Operator
Well Name
Number
Well Location
Footage Location
Unit Letter
Section
Township
Range

Texaco Inc.
Vacuum Grayburg San Andres Unit
147
1360 FNL, 660 FEL
H
2
18S
34E

Downhole Equip.

Tubing Size
Lining Material
Packer Type
Packer Depth

2-3/8
Fiberglass - Rice Duoline
Guiberson G-6
4258

Additional Data:

1. Is this a new well drilled for injection?
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, ie. 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:

Surface Casing

Hole Size
Casing Size
Cemented with
Top of Cement
Method Det.
Depth Set

11
8 625
650
0
Circ'd
1530

Intermediate Casing

Hole Size
Casing Size
Cemented with
Top of Cement
Method Det.
Depth Set

NA

Production String Cement Job

Cement (sx)
Yield

Production Casing

Hole Size
Casing Size
Cemented with
Top of Cement
Method Det.
Depth Set

7.875
5.5
1400
0
Circ'd
4900

Injection Interval

Completion Type

4308-4720
Cased

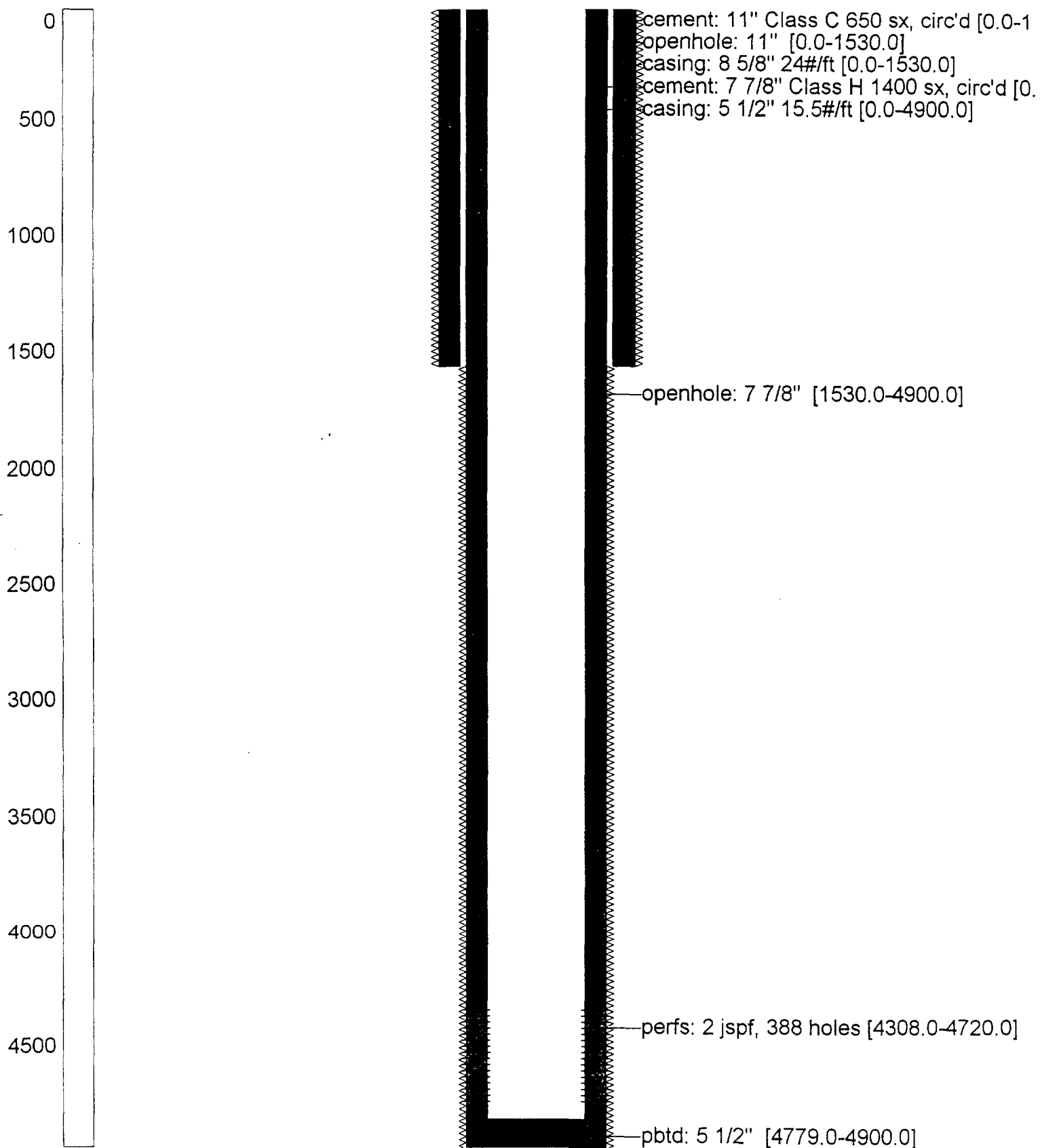
Annular Vol Cf/Lf
0.173249719

Yes
X
No

Water Injection

Grayburg San Andres

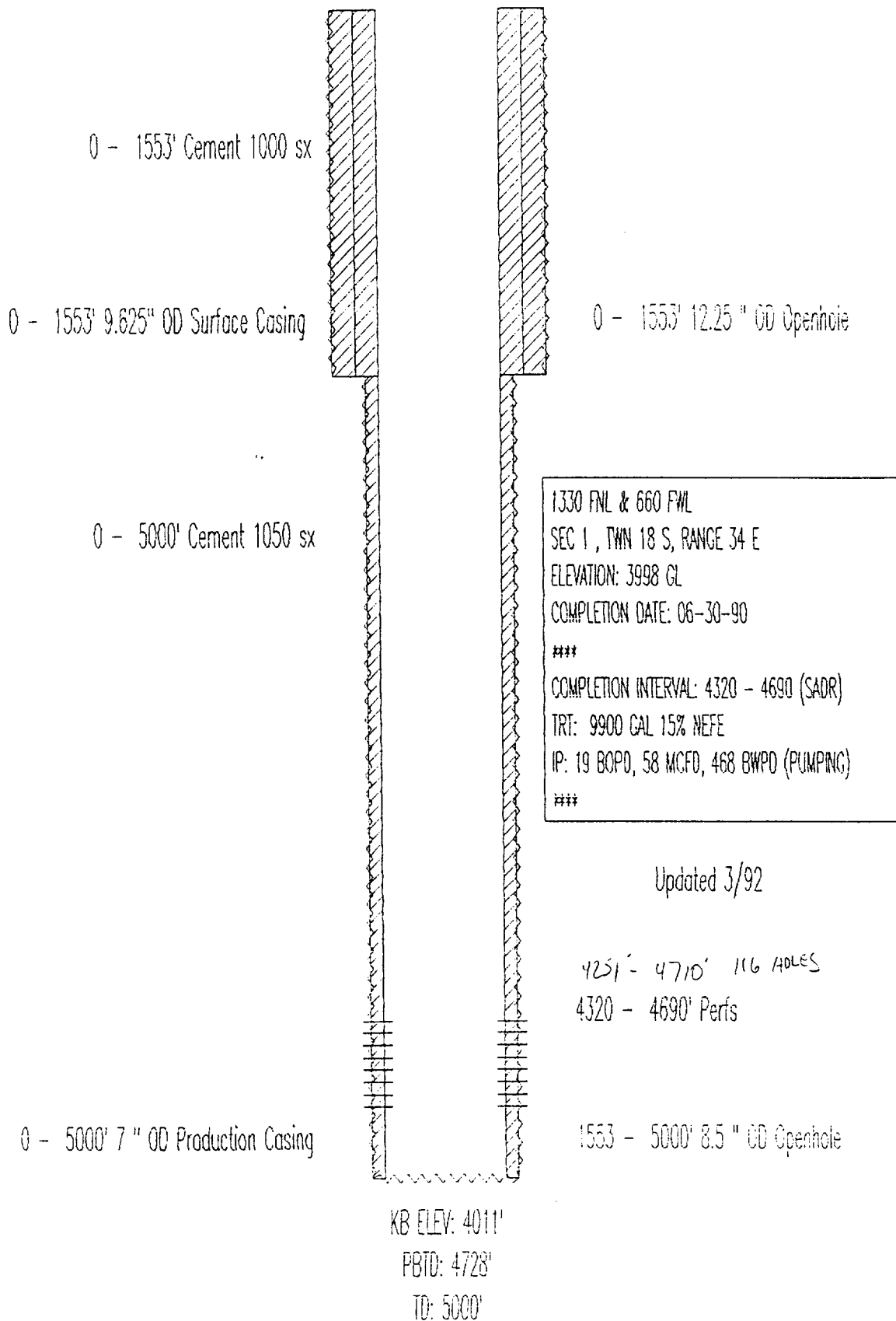
Vacuum



General Information:					
Operator	Texaco Inc.				
Well Name	Vacuum Grayburg San Andres Unit				
Number	148				
Well Location					
Footage Location	1330 FNL, 660 FWL				
Unit Letter	E				
Section	1				
Township	18S				
Range	34E				
Downhole Equip.					
Tubing Size	2-7/8				
Lining Material	Fiberglass - Rice Duoline				
Surface Casing					
Hole Size	12.25				
Casing Size	9.625				
Cemented with	1000				
Top of Cement	0				
Method Det.	Circ'd				
Depth Set	1553				
Intermediate Casing					
Hole Size	NA				
Casing Size					
Cemented with					
Top of Cement					
Method Det.					
Depth Set					
Production String Cement Job					
Yield					
Cement (sx)					
Excess					
Method Det.					
Circ'd					
Depth Set					
5000					
Injection Interval					
4251-4710					
Completion Type					
Cased					
Annular Vol Cf/Lf					
0.1268055					

Additional Data:		Yes	X	No
1. Is this a new well drilled for injection?				
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.				
No				
5. Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area:				
Yates at ~2700'				
Glorieta at ~5800'				

TEXACO INC
VACUUM (GRAYBURG-SA) NO. 148
API# 30025307990000



Injection Well Data Sheet

General Information:

Operator Texaco Inc.
Well Name Vacuum Grayburg San Andres Unit
Number 149
Well Location
Footage Location 1330 FNL, 1980 FWL
Unit Letter F
Section 1
Township 18S
Range 34E

Downhole Equip.

Tubing Size 2-7/8
Lining Material Fiberglass - Rice Duoline
Packer Type Guiberson G-6
Packer Depth 4082

Additional Data:

1. Is this a new well drilled for injection?
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, ie. Sacks of cement or plug(s) used.

No

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

Yates at ~2700'

Glorieta at ~5800'

Surface Casing

Hole Size 17.5
Casing Size 13.375
Cemented with 1700
Top of Cement 0
Method Det. Circ'd
Depth Set 1550

Intermediate Casing

Hole Size 12.25
Casing Size 9.625
Cemented with 950
Top of Cement 0
Method Det. Circ'd
Depth Set 2800

Production String

Cement Job

Cement (sx)

Yield

Production Casing

Hole Size

8.5

Casing Size

7

Cemented with

950

Top of Cement

0

Method Det.

Circ'd

Excess

Depth Set

5000

Injection Interval

4132-4698

Completion Type

Cased

Annular Vol Cf/Lf

0.1268055

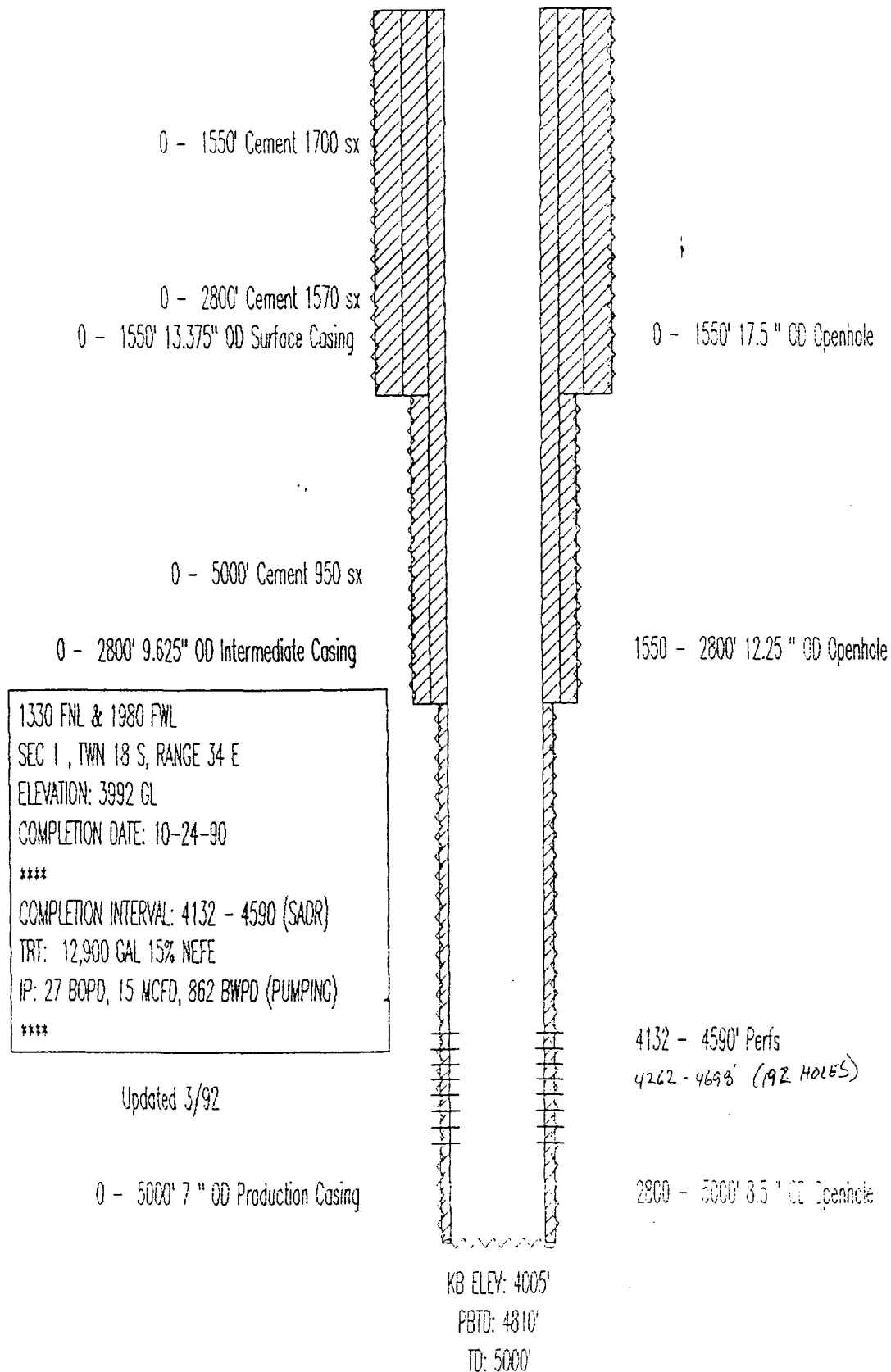
Yes ☒ No ☐

Oil Producer

Grayburg San Andres

Vacuum

TEXACO INC
VACUUM (GRAYBURG-SA) NO. 149
API# 30025308470000



Injection Well Data Sheet

General Information:

Operator
Well Name
Number
Well Location
Footage Location
Unit Letter
Section
Township
Range

Texaco Inc.

Vacuum Grayburg San Andres Unit

150

1390 FNL, 1980 FEL

G

1

18S

34E

Downhole Equip.

Tubing Size
Lining Material
Packer Type
Packer Depth

2-7/8

Fiberglass - Rice Duoline

Guiberson G-6

4087

Additional Data:

1. Is this a new well drilled for injection?
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, ie. Sacks of cement or plug(s) used.

No

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

Yates at ~2700'

Glorieta at ~5800'

Surface Casing

Hole Size
Casing Size
Cemented with
Top of Cement
Method Det.
Depth Set

17.5

13.375

1700

0

Circ'd

1550

Intermediate Casing

Hole Size
Casing Size
Cemented with
Top of Cement
Method Det.
Depth Set

12.25

9.625

1570

0

Circ'd

2800

Production String Cement Job

Yield

Cement (sx)

Production Casing

Hole Size

8.75

Casing Size

7

Cemented with

850

Top of Cement

0

Method Det.

Circ'd

Excess

Depth Set

5000

Injection Interval

4137-4682

Completion Type

Cased

Annular Vol Cf/Lf

0.150325875

TEXACO INC
VACUUM (GRAYBURG-SA) NO. 150
API# 30025309170000

