

AREA OF REVIEW

WELLS

OTHER

BEFORE EXAMINER CATANACH

OIL CONSERVATION DIVISION

GREENHILL EXHIBIT NO. 6

CASE NO. 10154

outside ROCK?

2

INJECTION WELL DATA SHEET

Greenhill Petroleum Corporation		Lovington Paddock		
OPERATOR		LEASE		
# 2	1650' FSL & 330' FEL	25 ¹	16S	36E
WELL NO.	FOOTAGE LOCATION	SEC.	TOWNSHIP	RANGE

Tubular Data

Completed
10-31-53

Surface Casing

Size: 10-3/4 " Cemented with 300 SX

TOC: Surface feet determined by calc

Hole size: 13-3/4"

Intermediate Casing

Size: 7-5/8" Cemented with 1540 SX

TOC: Surface feet determined by calc

Hole size: 9-7/8"

Long String

Size: 5-1/2" Cemented with 730 SX

TOC: 3231 feet determined by temp survey

Hole size: 6-3/4"

Total Depth: 6300'

Injection Interval

5394 feet to 6300 feet
(perforated or open-hole, indicate which)

Tubing size 2-7/8" lined with IPC set in a - packer

at 5394 feet. (Or describe any other casing-tubing seal).

Other Data

- Name of the injection formation: Paddock
- Name of Field or Pool (If applicable) Paddock
- Is this a new well drilled for Injection? No
If no, for what purpose was the well originally drilled? Production
- Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging details (sacks of cement or bridge plug(s) used).
No
- Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area.
Above Glorieta

INJECTION WELL DATA SHEET

3

Greenhill Petroleum Corporation

Lovington Paddock

OPERATOR	LEASE
# 3	25 16S 36E
WELL NO.	FOOTAGE LOCATION
	SEC. TOWNSHIP RANGE

Tubular DataSpud Date
11-03-53Surface Casing

Size: 10-3/4 " Cemented with 300 SX

TOC: Surface feet determined by calc

Hole size: 13-3/4"

Intermediate Casing

Size: 7-5/8" Cemented with 1740 SX

TOC: Surface feet determined by calc

Hole size: 9-7/8"

Long StringSize: 5-1/2" Cemented with ~~1200~~ SX

TOC: 3225 feet determined by temp survey

Hole size: 6-3/4"

Total Depth: 6300'

Injection Interval- feet to - feet
(perforated or open-hole, indicate which)

Tubing size - lined with set in a - packer
at feet. (Or describe any other casing-tubing seal).

Other Data

- Name of the injection formation: -
- Name of Field or Pool (If applicable) Paddock
- Is this a new well drilled for Injection? No
If no, for what purpose was the well originally drilled? Production
- Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging details (sacks of cement or bridge plug(s) used).
No
- Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area.
Above Glorieta

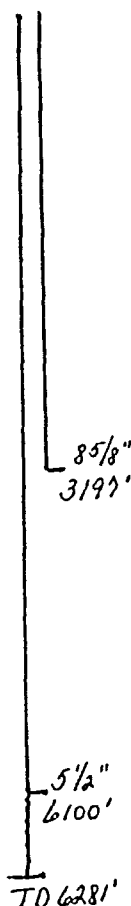
INJECTION WELL DATA SHEET

7

Greenhill Petroleum Corporation		Lovington Paddock		
OPERATOR		LEASE		
# 5	660' FSL & 1980' FWL	25	16S	36E
WELL NO.	FOOTAGE LOCATION	SEC.	TOWNSHIP	RANGE

Tubular Data

Spud Date
9-24-54



Surface Casing

Size: 8-5/8 " Cemented with 1550 SX

TOC: Surface feet determined by calc

Circ

Hole size: 11"

Intermediate Casing

Size: Cemented with SX

TOC: feet determined by calc

Hole size:

Long String

Size: 5-1/2" Cemented with 450 SX

TOC: 2876 feet determined by temp survey

Hole size: 7-7/8"

Total Depth: 6281'

Injection Interval

- feet to - feet
(perforated or open-hole, indicate which)

Tubing size - lined with - set in a - packer
at - feet. (Or describe any other casing-tubing seal).

Other Data

- Name of the injection formation: -
- Name of Field or Pool (If applicable) Paddock
- Is this a new well drilled for Injection? No
If no, for what purpose was the well originally drilled? Production
- Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging details (sacks of cement or bridge plug(s) used).
No
- Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area.
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INJECTION WELL DATA SHEET

Greenhill Petroleum Corporation

Lovington Paddock

OPERATOR	FOOTAGE LOCATION	LEASE	SEC.	TOWNSHIP	RANGE
# 6	480' FSL & 2280' FEL	25	16S	36E	
WELL NO.	FOOTAGE LOCATION	SEC.	TOWNSHIP	RANGE	

Tubular DataSpud Date
3-11-54Surface Casing

Size: 9-5/8 " Cemented with 1800 SX

TOC: Surface feet determined by calc

CIRC

Hole size: 12-3/4"

Intermediate Casing

Size: Cemented with SX

TOC: feet determined by calc

Hole size:

Long String

Size: 5-1/2" Cemented with 475 SX

TOC: 3974 feet determined by temp
survey

Hole size: 7-7/8"

Total Depth: 6285'

Injection Interval5909 feet to 6285 feet
(perforated or open-hole, indicate which)

9 5/8"
3145'

5 1/2"
6118'

TD 6285'

Tubing size 2-3/8" lined with IPC set in a Guiberson packer
at 5909 feet. (Or describe any other casing-tubing seal).

Other Data

- Name of the injection formation: Paddock
- Name of Field or Pool (If applicable) Paddock
- Is this a new well drilled for Injection? No
If no, for what purpose was the well originally drilled? Production
- Has the well ever been perforated in any other zone(s)? List all such
perforated intervals and give plugging details (sacks of cement or
bridge plug(s) used.
No
- Give the depth to and name of any overlying and/or underlying oil or gas
zones (pools) in this area.
Above Glorieta

INJECTION WELL DATA SHEET

Greenhill Petroleum Corporation		Lovington San Andres Unit		
OPERATOR		LEASE		
#2	2130 FEL & 480 FSL	25	T16S	R36E
WELL NO.	FOOTAGE LOCATION	SEC.	TOWNSHIP	RANGE

Tubular Data

Surface Casing

Size: 8 5/8 " Cemented with 500 SX

TOC: Surface feet determined by calc.

Hole size: 11

Intermediate Casing

Size: " Cemented with SX

TOC: feet determined by

Hole Size:

Long String

Size: 5 1/2 " Cemented with 450 SX

TOC: 2168 feet determined by 80% calc

Hole Size: 7 7/8

Total Depth: 4996

Injection Interval

 feet to feet
(perforated or open-hole, indicate which)

Tubing size lined with set in a
 (material)
 packer at feet.
(brand & model)
(or describe any other casing-tubing seal).

Other Data

- Name of the injection formation San Andres
- Name of Field or Pool (If applicable) Lovington San Andres
- Is this a new well drilled for injection? No
If no, for what purpose was the well originally drilled? Production
- Has the well ever be perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used).
No
- Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area.
Underlying - Grayburg

INJECTION WELL DATA SHEET

Greenhill Petroleum Corporation		Lovington San Andres Unit		
OPERATOR		LEASE		
#1	300 FSL & 990 FEL	25	T16S	R36E
WELL NO.	FOOTAGE LOCATION	SEC.	TOWNSHIP	RANGE

Tubular Data

Surface Casing

2096' 4629

Size: 8 5/8 " Cemented with 425 SX

TOC: Surface feet determined by calc

Hole size: 11

Intermediate Casing

Size: _____ " Cemented with _____ SX

TOC: _____ feet determined by _____

Hole Size: _____

Long String

Size: 5 1/2 " Cemented with 425 SX

TOC: 2313 feet determined by 80% calc

Hole Size: 7 7/8

Total Depth: 5060'

Injection Interval

4600' feet to 5060' feet
(perforated or open-hole, indicate which)

Tubing size 2" lined with IPC set in a
(material)
_____ packer at 4575' feet.
(brand & model)
(or describe any other casing-tubing seal).

Other Data

1. Name of the injection formation San Andres
2. Name of Field or Pool (If applicable) Lovington San Andres
3. Is this a new well drilled for injection? No
If no, for what purpose was the well originally drilled? Production
4. Has the well ever be perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used).
No
5. Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area.
Underlying - Grayburg

Completed
10/4/45

Converted to
Injection
6/29/65

1 5/8
2096

5 1/2 4629
TD 5060

475

525 - 450

11
P

INJECTION WELL DATA SHEET

GREENHILL PETROLEUM CORPORATION		LOVINGTON Paddock		
OPERATOR		LEASE		
# 7	330' FEL & 330' FSL	25	16S	36E
WELL NO.	FOOTAGE LOCATION	SEC.	TOWNSHIP	RANGE

Tubular Data

Spud Date
8-1-53

Surface Casing

Size: 8-5/8" Cemented with 800 SX

TOC: Surface feet determined by calc C/C

Hole size: 11"

Intermediate Casing

Size: 8-5/8" Cemented with SX

TOC: feet determined by calc

Hole Size:

Long String

Size: 5-1/2" Cemented with 225 SX

TOC: 4859 feet determined by 80%

Hole Size: 7-7/8"

Total Depth: 6260'

TD 6260'

Injection Interval

 feet to feet
(perforated or open-hole, indicate which)

Tubing size lined with set in a
(material)

 packer at feet.
(brand & model)
(or describe any other casing-tubing seal).

Other Data

- Name of the injection formation
- Name of Field or Pool (If applicable) Paddock
- Is this a new well drilled for injection? No
If no, for what purpose was the well originally drilled? Production
- Has the well ever be perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used).
No
- Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area.
Above Glorieta

INJECTION WELL DATA SHEET

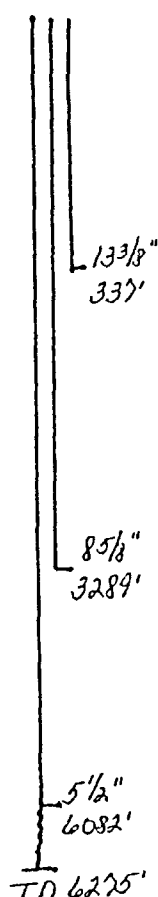
25

P

Greenhill Petroleum Corporation		Lovington Paddock		
OPERATOR		LEASE		
#18	2310' FNL & 330' FEL	35	16S	36E
WELL NO.	FOOTAGE LOCATION	SEC.	TOWNSHIP	RANGE

Tubular Data

Spud Date
3-17-56

Surface Casing

Size: 13-3/8" Cemented with 300 SX

TOC: Surface feet determined by calc *Circ*

Hole size: 17 1/4

Intermediate Casing

Size: 8-5/8" Cemented with 2150 SX

TOC: Surface feet determined by calc *Circ*

Hole size: 11 1/4

Long String

Size: 5-1/2" Cemented with 400 SX

TOC: 4430 feet determined by temp survey

Hole size: 7 7/8

Total Depth: 6275'

Injection Interval

- feet to - feet
(perforated or open-hole, indicate which)

Tubing size - lined with - set in a - packer

at - feet. (Or describe any other casing-tubing seal).

Other Data

1. Name of the injection formation: -
2. Name of Field or Pool (If applicable) Paddock
3. Is this a new well drilled for Injection? No
If no, for what purpose was the well originally drilled? Production
4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging details (sacks of cement or bridge plug(s) used).
No
5. Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area.
Above Glorieta

INJECTION WELL DATA SHEET

Greenhill Petroleum Corporation		Lovington Paddock		
OPERATOR	LEASE			
#30	3630' FNL & 330' FEL	35	16S	36E
WELL NO.	FOOTAGE LOCATION	SEC.	TOWNSHIP	RANGE

Tubular Data

Completed
4-12-53

4/53 Plugged
Back from Abo

Cmt 6275-6400'
Cmt 8240-8400'
Cmt 8600-8760'

Converted to
Injection 12/66

Surface Casing

Size: 13-3/8" Cemented with 350 SX

TOC: Surface feet determined by ^{CIRC}calc

Hole size: 17 1/4

Intermediate Casing

Size: 8-5/8" Cemented with 400 SX

TOC: Surface feet determined by ^{CIRC}calc

Hole size: 11

Long String

Size: 5-1/2" Cemented with 400 SX

TOC: 4200 feet determined by temp
survey

Hole size: 7-7/8"

Total Depth: 8760'

Injection Interval

6087 feet to 6270 feet

TO 8760' (perforated or open-hole, indicate which)

Tubing size 2-3/8" lined with IPC set in a - packer

at 5999 feet. (Or describe any other casing-tubing seal).

Other Data

- Name of the injection formation: Paddock
- Name of Field or Pool (If applicable) Paddock
- Is this a new well drilled for Injection? No
If no, for what purpose was the well originally drilled? Production
- Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging details (sacks of cement or bridge plug(s) used).
No
- Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area.
Above Glorieta

INJECTION WELL DATA SHEET

69

Greenhill Petroleum Corporation		Lovington Paddock		
OPERATOR		LEASE		
#43	660' FSL & 460' FEL	35	16S	36E
WELL NO.	FOOTAGE LOCATION	SEC.	TOWNSHIP	RANGE

Tubular Data

Spud Date
4-29-54

8 5/8"
3245'
5 1/2"
6093'
TD 6285'

Surface Casing

Size: 8-5/8" Cemented with 1800 SX

TOC: Surface feet determined by ^{Circ}calc

Hole size: //

Intermediate Casing

Size: Cemented with SX

TOC: feet determined by

Hole size:

Long String

Size: 5-1/2" Cemented with 485 SX

TOC: 3613 feet determined by temp survey

Hole size: 7 7/8

Total Depth: 6285'

Injection Interval

- feet to - feet
(perforated or open-hole, indicate which)

Tubing size - lined with - set in a - packer

at - feet. (Or describe any other casing-tubing seal).

Other Data

- Name of the injection formation:
- Name of Field or Pool (If applicable) Paddock
- Is this a new well drilled for Injection? No
If no, for what purpose was the well originally drilled? Production
- Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging details (sacks of cement or bridge plug(s) used).
No
- Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area.
Above Glorieta

INJECTION WELL DATA SHEET

66
OK

Greenhill Petroleum Corporation

Lovington Paddock

OPERATOR	LEASE			
#44	660' FSL & 1880' FEL	35	16S	36E
WELL NO.	FOOTAGE LOCATION	SEC.	TOWNSHIP	RANGE

Tubular DataCompleted
9-52Converted to
Injection 1/68Surface CasingSize: 13-3/8" Cemented with 325 SXTOC: Surface feet determined by catc Circ

Hole size: 17-1/4"

Intermediate Casing

Size: 8-5/8" Cemented with 2150 SX

TOC: Surface feet determined by catc Circ

Hole size: 11"

Long String

Size: 5-1/2" Cemented with 740 SX

TOC: 3250 TS feet determined by 80% catc

Hole size: 7-7/8"

Total Depth: 9069'

Injection Interval6194 feet to 6328 feet
(perforated or open-hole, indicate which)C18P
6350'

DU 6592'

5 1/2"
8825'

TD 9069'

Tubing size 2-3/8" lined with IPC set in a - packer
at 6164 feet. (Or describe any other casing-tubing seal).

Other Data

- Name of the injection formation: Paddock
- Name of Field or Pool (If applicable) Paddock
- Is this a new well drilled for Injection? No
If no, for what purpose was the well originally drilled? Production
- Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging details (sacks of cement or bridge plug(s) used).
No
- Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area.
Above Glorieta

INJECTION WELL DATA SHEET

Greenhill Petroleum Corporation		Lovington San Andres Unit		
OPERATOR		LEASE		
#27	660 FEL & 660 FSL	35	T16S	R36E
WELL NO.	FOOTAGE LOCATION	SEC.	TOWNSHIP	RANGE

Tubular Data

Surface Casing

Size: 7 5/8 " Cemented with 600 SXTOC: Surface feet determined by calcHole size: 9 1/4"

Intermediate Casing

Size: " Cemented with SXTOC: feet determined by Hole Size:

Long String

Size: 5 1/2 " Cemented with 300 SXTOC: 273 feet determined by 80% calcHole Size: 6 1/2"Total Depth: 5000'

Injection Interval

 feet to feet
(perforated or open-hole, indicate which)Tubing size lined with set in a
(material) packer at feet.
(brand & model)
(or describe any other casing-tubing seal).

Other Data

- Name of the injection formation
- Name of Field or Pool (If applicable) Lovington San Andres
- Is this a new well drilled for injection? No
If no, for what purpose was the well originally drilled? Production
- Has the well ever be perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used).
No
- Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area.
Underlying - Grayburg

Completed

2035'
7 5/8"4600'
5 1/2"5000'
TD

SI
TA 4-19-87

68

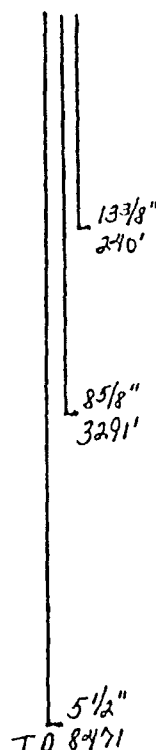
INJECTION WELL DATA SHEET

Texaco		Skelly "S" State		
OPERATOR		LEASE		
2	990' FSL & 330' FEL	35	16S	36E
WELL NO.	FOOTAGE LOCATION	SEC.	TOWNSHIP	RANGE

Tubular Data

Completed
12-29-52

P&A 6-6-69



Surface Casing

Size: 13-3/8" Cemented with ~~240~~ SX

TOC: Surface feet determined by calc

Circ

Hole size: 18"

Intermediate Casing

Size: 8-5/8" Cemented with 1300 SX

TOC: Surface feet determined by calc

Hole size: 11"

Long String

Size: 5-1/2" Cemented with 900 SX

TOC: 3568 feet determined by 80% calc

Hole size: 7-7/8"

Total Depth: 8471'

Injection Interval

- feet to - feet
(perforated or open-hole, indicate which)

Tubing size - lined with - set in a - packer

at - feet. (Or describe any other casing-tubing seal).

Other Data

1. Name of the injection formation:
2. Name of Field or Pool (If applicable) Lovington Abo
3. Is this a new well drilled for Injection? No
If no, for what purpose was the well originally drilled? Production
4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging details (sacks of cement or bridge plug(s) used).
5. Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area.

(Above) Drinkard

INJECTION WELL DATA SHEET

19
P

Greenhill Petroleum Corporation		Lovington Paddock		
OPERATOR	330	LEASE		
#13	880' FNL & 331' FWL	36	16S	36E
WELL NO.	FOOTAGE LOCATION	SEC.	TOWNSHIP	RANGE

Tubular Data

Spud Date
2-13-53

Surface Casing

Size: 8-5/8 " Cemented with 650 SX

TOC: Surface feet determined by calc

Hole size: 12 1/2

Intermediate Casing

Size: Cemented with SX

TOC: feet determined by

Hole size:

Long String

Size: 5-1/2" Cemented with 225 SX

TOC: 5185 feet determined by 70% calc

Hole size: 8 7/8

Total Depth: 6279'

Injection Interval

6087 feet to 6279 feet
(perforated or open-hole, indicate which)

Tubing size 2-3/8" lined with IPC set in a - packer

at 6087 feet. (Or describe any other casing-tubing seal).

Other Data

- Name of the injection formation: Paddock
- Name of Field or Pool (If applicable) Paddock
- Is this a new well drilled for Injection? No
If no, for what purpose was the well originally drilled? Production
- Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging details (sacks of cement or bridge plug(s) used).
No
- Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area.
Above Glorieta

4-86
Source Csg. leak
2072-2112 w/ 200 SX
9/81 shut 3 holes
at 2114 cm
w/ 275 SX

8 5/8"
2115'
5 1/2"
6258'
TO 6279'

INJECTION WELL DATA SHEET

20

Greenhill Petroleum Corporation		Lovington Paddock		
OPERATOR		LEASE		
#14	990 -940' FNL & 1741' FEL	36	16S	36E
WELL NO.	FOOTAGE LOCATION	SEC.	TOWNSHIP	RANGE

Tubular Data

Spud Date
10-27-53



Surface Casing

Size: 8-5/8 " Cemented with 975 SX

TOC: Surface feet determined by calc *Circ*

Hole size: //

Intermediate Casing

Size: Cemented with SX

TOC: feet determined by

Hole size:

Long String

Size: 5-1/2" Cemented with 400 SX

TOC: 3918 feet determined by temp survey

Hole size: 7 7/8

Total Depth: 6270'

Injection Interval

- feet to - feet
(perforated or open-hole, indicate which)

Tubing size - lined with - set in a - packer
at - feet. (Or describe any other casing-tubing seal).

Other Data

- Name of the injection formation:
- Name of Field or Pool (If applicable) Paddock
- Is this a new well drilled for Injection? No
If no, for what purpose was the well originally drilled? Production
- Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging details (sacks of cement or bridge plug(s) used).
No
- Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area.
Above Glorieta

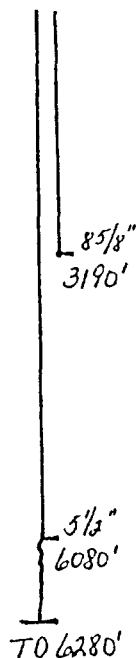
INJECTION WELL DATA SHEET

22

Greenhill Petroleum Corporation		Lovington Paddock		
OPERATOR		LEASE		
#15	810' FNL & 2130' FWL	36	16S	36E
WELL NO.	FOOTAGE LOCATION	SEC.	TOWNSHIP	RANGE

Tubular Data

Spud Date
4-13-54



Surface Casing

Size: 8-5/8" Cemented with 1800 SX
TOC: Surface feet determined by calc
Hole size: //

Intermediate Casing

Size: Cemented with SX
TOC: feet determined by
Hole size:

Long String

Size: 5-1/2" Cemented with 585 SX
TOC: 3765 feet determined by temp survey
Hole size: 7 7/8
Total Depth: 6280'

Injection Interval

6080 feet to 6280 feet
(perforated or open-hole, indicate which)

Tubing size 2-3/8" lined with IPC set in a - - - - - packer
at 6018 feet. (Or describe any other casing-tubing seal).

Other Data

- Name of the injection formation: Paddock
- Name of Field or Pool (If applicable) Paddock
- Is this a new well drilled for Injection? No
If no, for what purpose was the well originally drilled? Production
- Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging details (sacks of cement or bridge plug(s) used).
No
- Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area.
Above Glorieta

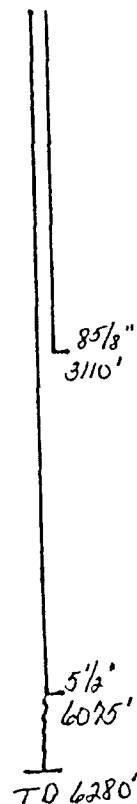
INJECTION WELL DATA SHEET

23

Greenhill Petroleum Corporation		Lovington Paddock		
OPERATOR		LEASE		
#16	660' FNL & 660' FWL	36	16S	36E
WELL NO.	FOOTAGE LOCATION	SEC.	TOWNSHIP	RANGE

Tubular Data

Spud Date
8-08-54



Surface Casing

Size: 8-5/8" Cemented with 1500 SX

TOC: Surface feet determined by ~~calc~~ *Circ*

Hole size: //

Intermediate Casing

Size: Cemented with SX

TOC: feet determined by

Hole size:

Long String

Size: 5-1/2" Cemented with 450 SX

TOC: 3930 feet determined by 70% calc

Hole size: 7 1/2

Total Depth: 6280'

Injection Interval

- feet to - feet
(perforated or open-hole, indicate which)

Tubing size - lined with - set in a - packer

at - feet. (Or describe any other casing-tubing seal).

Other Data

- Name of the injection formation:
- Name of Field or Pool (If applicable) Paddock
- Is this a new well drilled for Injection? No
If no, for what purpose was the well originally drilled? Production
- Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging details (sacks of cement or bridge plug(s) used).
No
- Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area.
Above Glorieta

INJECTION WELL DATA SHEET

26

Greenhill Petroleum Corporation		Lovington Paddock		
OPERATOR		LEASE		
#19	1980' FNL & 990' FWL	36	16S	36E
WELL NO.	FOOTAGE LOCATION	SEC.	TOWNSHIP	RANGE

Tubular Data

Spud Date
4-27-54

Converted
to Injection
3/74

Surface Casing

Size: 8-5/8" Cemented with 1800 SX

TOC: Surface feet determined by calc *Circ*

Hole size: //

Intermediate Casing

Size: Cemented with SX

TOC: feet determined by

Hole size:

Long String

Size: 5-1/2" Cemented with 585 SX

TOC: 3964 feet determined by temp
survey

Hole size: 7 7/8

Total Depth: 6275'

Injection Interval

6065 feet to 6275 feet
(perforated or open-hole, indicate which)

Tubing size 2-3/8" lined with IPC set in a - packer
at 6076 feet. (Or describe any other casing-tubing seal).

Other Data

- Name of the injection formation: Paddock
- Name of Field or Pool (If applicable) Paddock
- Is this a new well drilled for Injection? No
If no, for what purpose was the well originally drilled? Production
- Has the well ever been perforated in any other zone(s)? List all such
perforated intervals and give plugging details (sacks of cement or
bridge plug(s) used).
No
- Give the depth to and name of any overlying and/or underlying oil or gas
zones (pools) in this area.

Above Glorieta

INJECTION WELL DATA SHEET

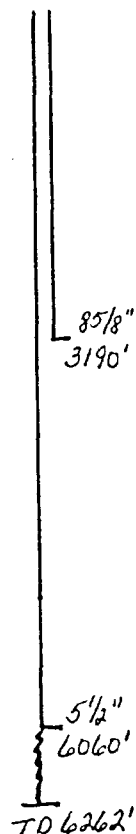
27

Greenhill Petroleum Corporation		Lovington Paddock		
OPERATOR		LEASE		
#20	1830' FNL & 2130' FWL	36	16S	36E
WELL NO.	FOOTAGE LOCATION	SEC.	TOWNSHIP	RANGE

Tubular Data

Spud Date
3-24-54

Converted
to Injection
3/74



Surface Casing

Size: 8-5/8" Cemented with 1800 SX

TOC: Surface feet determined by calc *Circ*

Hole size: //

Intermediate Casing

Size: Cemented with SX

TOC: feet determined by

Hole size:

Long String

Size: 5-1/2" Cemented with 500 SX

TOC: 3535 feet determined by temp survey

Hole size: 7 1/2

Total Depth: 6262'

Injection Interval

- feet to - feet
(perforated or open-hole, indicate which)

Tubing size - lined with - set in a - packer
at - feet. (Or describe any other casing-tubing seal).

Other Data

- Name of the injection formation:
- Name of Field or Pool (If applicable) Paddock
- Is this a new well drilled for Injection? No
If no, for what purpose was the well originally drilled? Production
- Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging details (sacks of cement or bridge plug(s) used).
No
- Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area.
Above Glorieta

I

29

INJECTION WELL DATA SHEET

Greenhill Petroleum Corporation		Lovington Paddock		
OPERATOR		LEASE		
#21	2190' FNL & 1980' FEL	36	16S	36E
WELL NO.	FOOTAGE LOCATION	SEC.	TOWNSHIP	RANGE

Tubular Data

Spud Date
7-26-53

Converted
to Injection
2/73

Surface Casing

Size: 10-3/4" Cemented with 500 SX

TOC: Surface feet determined by calc *Circ*

Hole size: 15

Intermediate Casing

Size: 7-5/8" Cemented with 1000 SX

TOC: Surface feet determined by calc

Hole size: 9 7/8

Long String

Size: 5-1/2" Cemented with 630 SX

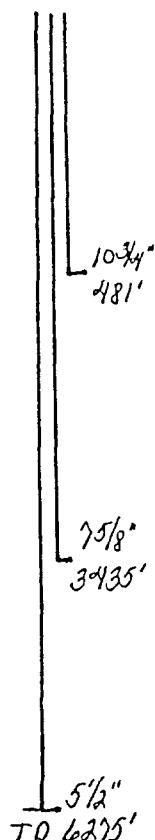
TOC: 3638 feet determined by temp
survey

Hole size: 6 7/8

Total Depth: 6275'

Injection Interval

6103 feet to 6226 feet
(perforated or open-hole, indicate which)



Tubing size 2-3/8" lined with IPC set in a - packer
at 6043 feet. (Or describe any other casing-tubing seal).

Other Data

- Name of the injection formation: Paddock
- Name of Field or Pool (If applicable) Paddock
- Is this a new well drilled for Injection? No
If no, for what purpose was the well originally drilled? Production
- Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging details (sacks of cement or bridge plug(s) used).
No
- Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area.
Above Glorieta

INJECTION WELL DATA SHEET

Greenhill Petroleum Corporation		Lovington Paddock		
OPERATOR		LEASE		
#22	2080' FNL & 660' FEL	36	16S	36E
WELL NO.	FOOTAGE LOCATION	SEC.	TOWNSHIP	RANGE

Tubular Data

Spud Date
9-10-52

Surface Casing

Size: 10-3/4" Cemented with 400 SX

TOC: Surface feet determined by calc

Hole size: 13 3/8

Intermediate Casing

Size: 7-5/8" Cemented with 2014 SX

TOC: Surface feet determined by calc

Hole size: 9 7/8

Long String

Size: 5-1/2" Cemented with 600 SX

TOC: 3581 feet determined by temp survey

Hole size: 6 3/4

Total Depth: 6350' 8603

Injection Interval

- feet to - feet
(perforated or open-hole, indicate which)

Tubing size - lined with - set in a - packer

at - feet. (Or describe any other casing-tubing seal).

Other Data

1. Name of the injection formation:
2. Name of Field or Pool (If applicable) Paddock
3. Is this a new well drilled for Injection? No
If no, for what purpose was the well originally drilled? Production
4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging details (sacks of cement or bridge plug(s) used).
No
5. Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area.
Above Glorieta

5 1/2 liner
3273-6350

1152
plug back from 8603
1152 8603-817
600 6350-6354
450 6354-6355
Drill out to 6350

10 3/4"
401'
7 5/8"
3389'
5 1/2"
TO 6350'
8603

INJECTION WELL DATA SHEET

59

P

Greenhill Petroleum Corporation		Lovington Paddock		
OPERATOR		LEASE		
#29	2130' FSL & 2130' FWL	36	16S	36E
WELL NO.	FOOTAGE LOCATION	SEC.	TOWNSHIP	RANGE

Tubular Data

Completed
10-11-53

Converted to
Injection 10/75

Surface Casing

Size: 8-5/8" Cemented with 975 SX

TOC: Surface feet determined by ~~calc~~ Circ

Hole size: 11"

Intermediate Casing

Size: Cemented with SX

TOC: feet determined by

Hole size:

Long String

Size: 5-1/2" Cemented with 275 SX

TOC: ⁵²⁰⁵~~4574~~ feet determined by ^{Temp. Survey}~~80% calc~~

Hole size: 7-7/8"

Total Depth: 6256'

Injection Interval

6072 feet to 6256 feet
(perforated or open-hole, indicate which)

Tubing size 2-3/8" lined with IPC set in a - packer
at 5992 feet. (Or describe any other casing-tubing seal).

Other Data

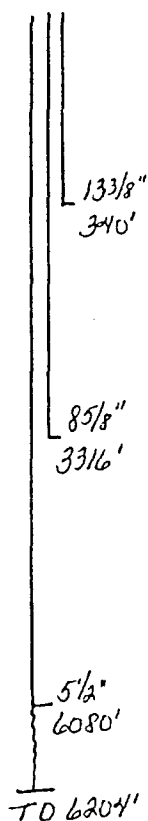
- Name of the injection formation: Paddock
- Name of Field or Pool (If applicable) Paddock
- Is this a new well drilled for Injection? No
If no, for what purpose was the well originally drilled? Production
- Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging details (sacks of cement or bridge plug(s) used).
No
- Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area.
Above Glorieta

INJECTION WELL DATA SHEET

Greenhill Petroleum Corporation		Lovington Paddock		
OPERATOR		LEASE		
#31	1650' FSL & 890' FWL	36	16S	36E
WELL NO.	FOOTAGE LOCATION	SEC.	TOWNSHIP	RANGE

Tubular Data

Spud Date
12-16-53

Surface Casing

Size: 13-3/8" Cemented with 350 SX

TOC: Surface feet determined by ~~cat~~ Circ 300 SX

Hole size:

Intermediate Casing

Size: 8-5/8" Cemented with 2300 SX

TOC: Surface feet determined by ~~cat~~ Circ 300 SX

Hole size:

Long String

Size: 5-1/2" Cemented with 400 SX

TOC: 4350 feet determined by temp
survey

Hole size:

Total Depth: 6204'

Injection Interval

- feet to - feet
(perforated or open-hole, indicate which)

Tubing size - lined with - set in a - packer

at - feet. (Or describe any other casing-tubing seal).

Other Data

- Name of the injection formation:
- Name of Field or Pool (If applicable) Paddock
- Is this a new well drilled for Injection? No
If no, for what purpose was the well originally drilled? Production
- Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging details (sacks of cement or bridge plug(s) used).
No
- Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area.
Above Glorieta

INJECTION WELL DATA SHEET

55

P?

Greenhill Petroleum Corporation		Lovington Paddock		
OPERATOR		LEASE		
#32	1750' FSL & 1650' FEL	36	16S	36E
WELL NO.	FOOTAGE LOCATION	SEC.	TOWNSHIP	RANGE

Tubular Data

Spud Date
3-19-53

Surface Casing

Size: 8-5/8" Cemented with 1000 SX

TOC: Surface feet determined by catc CIRC

Hole size: //

Intermediate Casing

Size: Cemented with SX

TOC: feet determined by

Hole size:

Long String

Size: 5-1/2" Cemented with 300 SX

TOC: 4400 feet determined by temp survey

Hole size: 7 1/2"

Total Depth: 6229'

Injection Interval

- feet to - feet
(perforated or open-hole, indicate which)

Tubing size - lined with - set in a - packer
at - feet. (Or describe any other casing-tubing seal).

Other Data

- Name of the injection formation:
- Name of Field or Pool (If applicable) Paddock
- Is this a new well drilled for Injection? No
If no, for what purpose was the well originally drilled? Production
- Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging details (sacks of cement or bridge plug(s) used).
No
- Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area.
Above Glorieta

INJECTION WELL DATA SHEET

Greenhill Petroleum Corporation

Lovington Paddock

OPERATOR	FOOTAGE LOCATION	LEASE	SEC.	TOWNSHIP	RANGE
#33	1650' FSL & 400' FEL	36	16S	36E	
WELL NO.	FOOTAGE LOCATION	SEC.	TOWNSHIP	RANGE	

Tubular Data

Completion
2-2-53

Deepened for
Inj. 12/66
6150-6237'

Converted to
Injection 12/66

Surface Casing

Size: ~~8-5/8"~~ Cemented with 250 SX

TOC: Surface feet determined by ~~calc~~ Circ

Hole size: 13 3/4"

Intermediate Casing

Size: Cemented with SX

TOC: feet determined by

Hole size:

Long String

Size: 7" Cemented with 400 SX

TOC: 3636 feet determined by 80% calc

Hole size: 8-3/4"

Total Depth: 6237'

Injection Interval

6040 feet to 6237 feet
(perforated or open-hole, indicate which)

Tubing size 2-3/8" lined with IPC set in a - packer

at 5972 feet. (Or describe any other casing-tubing seal).

Other Data

- Name of the injection formation: Paddock
- Name of Field or Pool (If applicable) Paddock
- Is this a new well drilled for Injection? No
If no, for what purpose was the well originally drilled? Production
- Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging details (sacks of cement or bridge plug(s) used).
No
- Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area.
Above Glorieta

INJECTION WELL DATA SHEET

77

P

Greenhill Petroleum Corporation		Lovington Paddock		
OPERATOR		LEASE		
#39	810' FSL & 660' FEL	36	16S	36E
WELL NO.	FOOTAGE LOCATION	SEC.	TOWNSHIP	RANGE

Tubular DataSurface Casing

Size: 8-5/8" Cemented with 900 SX

TOC: Surface feet determined by calc *Circ*

Hole size: //

Intermediate Casing

Size: Cemented with SX

TOC: feet determined by

Hole size:

Long String

Size: 5-1/2" Cemented with 275 SX

TOC: 4632 feet determined by temp survey

Hole size: 7 7/8

Total Depth: 6229'

Injection Interval

- feet to - feet
(perforated or open-hole, indicate which)

Tubing size - lined with - set in a - packer

at - feet. (Or describe any other casing-tubing seal).

Other Data

- Name of the injection formation:
- Name of Field or Pool (If applicable) Paddock
- Is this a new well drilled for Injection? No
If no, for what purpose was the well originally drilled? Production
- Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging details (sacks of cement or bridge plug(s) used).
No
- Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area.
Above Glorieta

INJECTION WELL DATA SHEET

75

P

Greenhill Petroleum Corporation		Lovington Paddock		
OPERATOR		LEASE		
#40	1980' FEL & 810' FSL	36	16S	36E
WELL NO.	FOOTAGE LOCATION	SEC.	TOWNSHIP	RANGE

Tubular Data

Completed
10-07-53



Surface Casing

Size: 8-5/8" Cemented with 850 SX

TOC: Surface feet determined by calc

Hole size: 11"

Intermediate Casing

Size: Cemented with SX

TOC: feet determined by

Hole size:

Long String

Size: 5-1/2" Cemented with 265 SX

TOC: 4565 feet determined by 80% calc

Hole size: 7 7/8"

Total Depth: 6252'

Injection Interval

6009 feet to 6252 feet
(perforated or open-hole, indicate which)

Tubing size 2-3/8 lined with IPC set in a packer
at 5881 feet. (Or describe any other casing-tubing seal).

Other Data

- Name of the injection formation: Paddock
- Name of Field or Pool (If applicable) Paddock
- Is this a new well drilled for Injection? No
If no, for what purpose was the well originally drilled? Production
- Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging details (sacks of cement or bridge plug(s) used).
No
- Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area.
Above Glorieta

INJECTION WELL DATA SHEET

P

Greenhill Petroleum Corporation		Lovington Paddock		
OPERATOR		LEASE		
#41	810' FSL & 2130' FWL	36	16S	36E
WELL NO.	FOOTAGE LOCATION	SEC.	TOWNSHIP	RANGE

Tubular DataSurface Casing

Size: 8-5/8" Cemented with 875 SX

TOC: Surface feet determined by ~~calc~~ Circ

Hole size:

Intermediate Casing

Size: Cemented with SX

TOC: feet determined by

Hole size:

Long String

Size: 5-1/2" Cemented with 275 SX

TOC: 4700 feet determined by temp
survey

Hole size:

Total Depth: 6260'

Injection Interval- feet to - feet
(perforated or open-hole, indicate which)

Tubing size - lined with - set in a - packer

at - feet. (Or describe any other casing-tubing seal).

Other Data

1. Name of the injection formation:
2. Name of Field or Pool (If applicable) Paddock
3. Is this a new well drilled for Injection? No
If no, for what purpose was the well originally drilled? Production
4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging details (sacks of cement or bridge plug(s) used).
No
5. Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area.
Above Glorieta

INJECTION WELL DATA SHEET

70

Greenhill Petroleum Corporation		Lovington Paddock		
OPERATOR		LEASE		
#42	990' FWL & 660' FSL	36	16S	36E
WELL NO.	FOOTAGE LOCATION	SEC.	TOWNSHIP	RANGE

Tubular Data

Completed
11-17-55

13 3/8"
326'

8 5/8"
3329'

5 1/2"
6062'
TD 6250'

Surface Casing

Size: 13-3/8" Cemented with 300 SX

TOC: Surface feet determined by calc

Hole size: 17 1/4

Intermediate Casing

Size: 8-5/8" Cemented with 2000 SX

TOC: Surface feet determined by calc CIRC

Hole size: 11-1/4"

Long String

Size: 5-1/2" Cemented with 400 SX

TOC: 3883 feet determined by 80% calc

Hole size: 7-7/8"

Total Depth: 6250'

Injection Interval

6062 feet to 6250 feet
(perforated or open-hole, indicate which)

Tubing size 2-3/8" lined with IPC set in a - packer
at 6007 feet. (Or describe any other casing-tubing seal).

Other Data

- Name of the injection formation: Paddock
- Name of Field or Pool (If applicable) Paddock
- Is this a new well drilled for Injection? No
If no, for what purpose was the well originally drilled? Production
- Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging details (sacks of cement or bridge plug(s) used).
No
- Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area.
Above Glorieta

INJECTION WELL DATA SHEET

Greenhill Petroleum Corp.
OPERATOR

LEASE

State "R" Livingston Paddock Unit

83
WELL NO.2310 FWL c 1650 FSL
FOOTAGE LOCATIONSec 36
SEC.T14S-R36E
TOWNSHIP

RANGE

Tubular Data

Surface Casing

Size: 13 3/8 " Cemented with 245 SXTOC: surface feet determined by calcHole size: 18

Intermediate Casing

Size: 8 5/8 " Cemented with 1200 SXTOC: surface feet determined by 50% calcHole Size: 11

Long String

Size: 5 1/2 " Cemented with 900 SXTOC: 3551 feet determined by 80% calcHole Size: 7 7/8Total Depth: 8454

Injection Interval

 feet to feet
(perforated or open-hole, indicate which)Tubing size lined with set in a
(material) packer at feet.
(brand & model)
(or describe any other casing-tubing seal).

Other Data

1. Name of the injection formation 2. Name of Field or Pool (If applicable) Livingston Abo3. Is this a new well drilled for injection? No
If no, for what purpose was the well originally drilled? production4. Has the well ever be perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used.

5. Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area.

Above GloriafaCompleted
10/31/52CIBP
Set 6400
New PBD 6370 1/20/8613 3/8
2488 5/8
3290

PBD 6370

5 1/2

TD

8454

INJECTION WELL DATA SHEET

<u>Greenhill Petroleum Corp.</u>	<u>Lovington Paddock</u>			
OPERATOR	LEASE			
<u>84</u>	<u>1100 FEL & 2285 FSL</u>	<u>36</u>	<u>T16S-R36E</u>	
WELL NO.	FOOTAGE LOCATION	SEC.	TOWNSHIP	RANGE

Tubular Data

Surface Casing

Size: 13 3/8 " Cemented with 500 SXTOC: Surface feet determined by calcHole size: 17 1/2

Intermediate Casing

Size: 8 5/8 " Cemented with 1200 SXTOC: Surface feet determined by 50% calcHole Size: 11

Long String

Size: 5 1/2 " Cemented with 1040 SXTOC: 788 feet determined by 80% calcHole Size: 7 7/8Total Depth: 6470

Injection Interval

_____ feet to _____ feet
 (perforated or open-hole, indicate which)

Tubing size _____ lined with _____ set in a
 _____ (material)

_____ packer at _____ feet.
 (brand & model)
 (or describe any other casing-tubing seal).

Other Data

- Name of the injection formation _____
- Name of Field or Pool (If applicable) Lovington Paddock
- Is this a new well drilled for injection? No
 If no, for what purpose was the well originally drilled? prod
- Has the well ever be perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used).

- Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area.

(Above) Glorieta

comp. - 4/5/90

13 3/8
350

8 5/8
3019

5 1/2
6454
70
6470

INJECTION WELL DATA SHEET

Greenhill Petroleum Corporation		Lovington San Andres Unit		
OPERATOR		LEASE		
#4	660 FNL & 1980 FEL	36	T16S	R36E
WELL NO.	FOOTAGE LOCATION	SEC.	TOWNSHIP	RANGE

Tubular Data

Surface Casing

Size: 13 " Cemented with 200 SX

TOC: Surface feet determined by calc.

Hole size: 14 3/4

Intermediate Casing

Size: 9 5/8 " Cemented with 500 SX

TOC: Surface feet determined by calc

Hole Size: 11 1/4

Long String

Size: 7 " Cemented with 300 SX

TOC: 1910' feet determined by 80% calc.

Hole Size: 8 1/4

Total Depth: 5012'

Injection Interval

4634 feet to 5012 feet
(perforated or open-hole, indicate which)

Tubing size 2 3/8 lined with IPC set in a
(material)
packer at 4586 feet.
(brand & model)
(or describe any other casing-tubing seal).

Other Data

- Name of the injection formation San Andres
- Name of Field or Pool (If applicable) Lovington San Andres
- Is this a new well drilled for injection? No
If no, for what purpose was the well originally drilled? Production
- Has the well ever be perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used.
No
- Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area.
Underlying - Grayburg

INJECTION WELL DATA SHEET

Greenhill Petroleum Corporation		Lovington San Andres Unit		
OPERATOR		LEASE		
#9	1980 FNL & 660 FEL	36	T16S	R36E
WELL NO.	FOOTAGE LOCATION	SEC.	TOWNSHIP	RANGE

Tubular Data

Completed
9/23/39

302'
330'
13"

2770'
3080'
9 5/8"

4510'
4645'
7"

5100'

Surface Casing

Size: 13" Cemented with 200 250 SX

TOC: Surface feet determined by Circ. calc

Hole size: 17 1/4 15

Intermediate Casing

Size: 8 5/8" Cemented with 500 250 SX

TOC: 1924 feet determined by 50% calc

Hole Size: 12

Long String

Size: 7" Cemented with 200 250 SX

TOC: 3074 feet determined by 80% calc

Hole Size: 8 3/4

Total Depth: 5100'

Injection Interval

_____ feet to _____ feet
(perforated or open-hole, indicate which)

Tubing size _____ lined with _____ set in a
(material)
_____ packer at _____ feet.
(brand & model)
(or describe any other casing-tubing seal).

Other Data

- Name of the injection formation San Andres
- Name of Field or Pool (IF applicable) Lovington San Andres
- Is this a new well drilled for injection? No
If no, for what purpose was the well originally drilled? Production
- Has the well ever be perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used.
No
- Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area.
Underlying - Grayburg

INJECTION WELL DATA SHEET

Greenhill Petroleum Corporation		Lovington San Andres Unit		
OPERATOR		LEASE		
#11	1980 FNL & 1980 FWL	36	T16S	R36E
WELL NO.	FOOTAGE LOCATION	SEC.	TOWNSHIP	RANGE

Tubular Data

Completed
1/40

25"
13"

8 5/8"
2087'

5 1/2"
4575'

4996 TD

Surface Casing

Size: 13 " Cemented with 25 SX

TOC: Surface feet determined by calc

Hole size: 15

Intermediate Casing

Size: 8 5/8 " Cemented with 500 SX

TOC: 555 feet determined by 50% calc

Hole Size: 10 1/4

Long String

Size: 5 1/2 " Cemented with 200 SX

TOC: 649 feet determined by 80% calc

Hole Size: 6 1/4"

Total Depth: 4996'

Injection Interval

_____ feet to _____ feet
(perforated or open-hole, indicate which)

Tubing size _____ lined with _____ set in a
_____ (material)
_____ packer at _____ feet.
(brand & model)
(or describe any other casing-tubing seal).

Other Data

- Name of the injection formation San Andres
- Name of Field or Pool (If applicable) Lovington San Andres
- Is this a new well drilled for injection? No
If no, for what purpose was the well originally drilled? Production
- Has the well ever be perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used.
No
- Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area.
Underlying - Grayburg

INJECTION WELL DATA SHEET

Greenhill Petroleum Corporation		Lovington San Andres		
OPERATOR		LEASE		
#24	660' FEL & 660' FSL	36	16S	36E
WELL NO.	FOOTAGE LOCATION	SEC.	TOWNSHIP	RANGE

Tubular Data

Completed
9-8-39

322'
13"

2940'
8 5/8"

4515'
5 1/2"

5075'
TD

Surface Casing

Size: 13 " Cemented with 250 SX

TOC: Surface feet determined by circ

Hole size: 17-1/4" 15

Intermediate Casing

Size: 8-5/8 " Cemented with 500 SX

TOC: 1458 feet determined by calc

Hole Size: 12-1/4" 7 1/2

Long String

Size: 5-1/2 " Cemented with 250 SX

TOC: 3145 feet determined by calc

Hole Size: 7-7/8" 1 1/2

Total Depth: 5075'

Injection Interval

 feet to feet
(perforated or open-hole, indicate which)

Tubing size lined with set in a
 (material)
 packer at feet.
(brand & model)
(or describe any other casing-tubing seal).

Other Data

- Name of the injection formation
- Name of Field or Pool (If applicable) Lovington San Andres
- Is this a new well drilled for injection? No
If no, for what purpose was the well originally drilled? Production
- Has the well ever be perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used.
NO
- Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area.
Underlying-Grayburg

INJECTION WELL DATA SHEET

Greenhill Petroleum Corporation		Lovington San Andres Unit		
OPERATOR		LEASE		
#26	660 FSL & 1980 FWL	36	T16S	R36E
WELL NO.	FOOTAGE LOCATION	SEC.	TOWNSHIP	RANGE

Tubular Data

Surface Casing

Size: 13 " Cemented with 200 SX
 TOC: Surface feet determined by Circ
 Hole size: 15"

Intermediate Casing

Size: 8 5/8 " Cemented with 400 SX
 TOC: 390 feet determined by 70% calc
 Hole Size: 9 7/8" 1 1/2

Long String

Size: 5 1/2 " Cemented with 200 SX
 TOC: 3200' est. feet determined by Calc
 Hole Size: 6 3/4"

Total Depth: 5128'

Injection Interval

 feet to feet
 (perforated or open-hole, indicate which)

Tubing size lined with set in a
 (material)
 packer at feet.
 (brand & model)
 (or describe any other casing-tubing seal).

Other Data

- Name of the injection formation San Andres
- Name of Field or Pool (If applicable) Lovington San Andres
- Is this a new well drilled for injection? No
 If no, for what purpose was the well originally drilled? Production.
- Has the well ever be perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used).
No
- Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area.
Underlying - Grayburg

Completed
12/3/39

13"
296"
330

8 5/8"
3010'

5 1/2"
4520'
TD 5128'

INJECTION WELL DATA SHEET

Greenhill Petroleum Corporation		Lovington San Andres		
OPERATOR		LEASE		
#54	1980' FSL & 1980' FEL	36	16S	36E
WELL NO.	FOOTAGE LOCATION	SEC.	TOWNSHIP	RANGE

Tubular Data

Spud 1-7-63

Surface CasingSize: 7-5/8 " Cemented with 240 SXTOC: Surface feet determined by calc CircHole size: 9-7/8"Intermediate Casing

Size: _____ " Cemented with _____ SX

TOC: _____ feet determined by _____

Hole Size: _____

Long StringSize: 4-1/2 " Cemented with 235 SXTOC: 2314 feet determined by Temp surveyHole Size: 6-3/4"Total Depth: 5110'Injection Interval4662 feet to 5037 feet
(perforated or open-hole, indicate which)

Tubing size 2" lined with IPC set in a
 _____ (material)
 _____ ? packer at 4579 feet.
 (brand & model)
 (or describe any other casing-tubing seal).

Other Data

- Name of the injection formation San Andres
- Name of Field or Pool (If applicable) _____
- Is this a new well drilled for injection? Yes
 If no, for what purpose was the well originally drilled? _____
- Has the well ever be perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used).

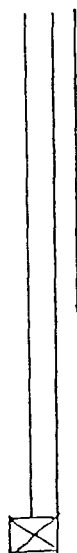
- Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area.

INJECTION WELL DATA SHEET

Greenhill Petroleum Corporation		Lovington San Andres		
OPERATOR		LEASE		
#59	1980' FSL & 660' FWL	36	16S	36E
WELL NO.	FOOTAGE LOCATION	SEC.	TOWNSHIP	RANGE

Tubular Data

Completed
6-29-65



Surface Casing

Size: 8-5/8 " Cemented with 825 SXTOC: Surface feet determined by circHole size: 11 "

Intermediate Casing

Size: 8 7/8 " Cemented with 825 SXTOC: 2064' feet determined by circHole Size: 8 7/8 "

Long String

Size: 4-1/2 " Cemented with 450 SXTOC: 3581 feet determined by TempHole Size: 7-7/8 "Total Depth: 5060

Injection Interval

4666 feet to 5034 feet
(perforated or open-hole, indicate which)

Tubing size 2 " lined with IPC set in a
(material)
Halliburton R-3 Tension packer at 4619 feet.
(brand & model)
(or describe any other casing-tubing seal).

Other Data

- Name of the injection formation San Andres
- Name of Field or Pool (If applicable) Lovington San Andres
- Is this a new well drilled for injection? No
If no, for what purpose was the well originally drilled? Production
- Has the well ever be perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used). NO
- Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area.
Underlying-Grayburg

71
P

INJECTION WELL DATA SHEET

Penroc	State	AF
OPERATOR	LEASE	
1	330 FSL 990 FWL	
WELL NO.	FOOTAGE LOCATION	SEC. TOWNSHIP RANGE
	4950' FNL & 4290' FEL	36 16S 36E

Tubular Data

Completed
11-1-52

13 3/8 314'	Surface Casing
	Size: 13-3/8" Cemented with 350 SX
	TOC: Surface feet determined by <u>Circ</u> <u>calc</u>
	Hole size: 17-1/4"
8 5/8 3350'	Intermediate Casing
	Size: 8-5/8" Cemented with 1900 SX
	TOC: Surface feet determined by <u>Circ</u> <u>calc</u>
	Hole Size: 11"
5 1/2" 708430	Long String
	Size: 5-1/2" Cemented with 400 SX
	TOC: 6251 feet determined by 80% calc
	Hole Size: 7-7/8"
	Total Depth: 8430'

Injection Interval

_____ feet to _____ feet
(perforated or open-hole, indicate which)

Tubing size _____ lined with _____ set in a
(material)
_____ packer at _____ feet.
(brand & model)
(or describe any other casing-tubing seal).

Other Data

- Name of the injection formation _____
- Name of Field or Pool (IF applicable) Lovington Abo
- Is this a new well drilled for injection? No
If no, for what purpose was the well originally drilled? Production
- Has the well ever be perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used.

- Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area.
Above Drinkard

INJECTION WELL DATA SHEET

61

Cities Service <u>Penroc</u>		State AE		
OPERATOR		LEASE		
2Y	1420' FSL & 990' FWL	36	16S	36E
WELL NO.	FOOTAGE LOCATION	SEC.	TOWNSHIP	RANGE

Tubular Data

<u>Surface Casing</u>	
<div style="display: flex; align-items: center;"> <div style="border-left: 2px solid black; height: 100%; position: relative; margin-right: 10px;"> <div style="position: absolute; top: 30%; left: -10px;">13 3/8"</div> <div style="position: absolute; top: 35%; left: -10px;">303'</div> <div style="position: absolute; top: 45%; left: -10px;">8 1/8"</div> <div style="position: absolute; top: 48%; left: -10px;">3328'</div> <div style="position: absolute; top: 55%; left: -10px;">5 1/2"</div> <div style="position: absolute; top: 58%; left: -10px;">TD 8510'</div> </div> </div>	Size: 13-3/8" Cemented with 350 SX
	TOC: Surface feet determined by calc ^{CIRC}
	Hole size: 17-1/2"
<u>Intermediate Casing</u>	
	Size: 8-5/8" Cemented with 1800 SX
	TOC: Surface feet determined by calc ^{CIRC}
	Hole size: 12-1/4"
<u>Long String</u>	
	Size: 5-1/2" Cemented with 1330 SX
	TOC: ^{360'} 1265 feet determined by ^{Turn & Survey} 80% calc
	Hole size: 7-7/8"
Total Depth: 8510'	

Injection Interval

- feet to - feet
(perforated or open-hole, indicate which)

Tubing size - lined with - set in a - packer
at - feet. (Or describe any other casing-tubing seal).

Other Data

1. Name of the injection formation:
2. Name of Field or Pool (If applicable) Lovington Abo
3. Is this a new well drilled for Injection? No
If no, for what purpose was the well originally drilled? Production
4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging details (sacks of cement or bridge plug(s) used).

5. Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area.

(Above) Drinkard

INJECTION WELL DATA SHEET

Texaco	Skelly "Q" State			
OPERATOR	LEASE			
3	330' FSL & 330' FEL	36	16S	36E
WELL NO.	FOOTAGE LOCATION	SEC.	TOWNSHIP	RANGE

Tubular Data

<div style="border-left: 2px solid black; border-right: 2px solid black; padding: 5px; margin: 0;"> <div style="border-bottom: 1px solid black; margin-bottom: 5px;">13"</div> <div style="border-bottom: 1px solid black; margin-bottom: 5px;">252'</div> <div style="border-bottom: 1px solid black; margin-bottom: 5px;">8 5/8"</div> <div style="border-bottom: 1px solid black; margin-bottom: 5px;">3421'</div> <div style="border-bottom: 1px solid black; margin-bottom: 5px;">5 1/2"</div> <div style="border-bottom: 1px solid black; margin-bottom: 5px;">108442'</div> </div>	<u>Surface Casing</u>
	Size: <u>13</u> " Cemented with <u>275</u> <u>SX</u>
	TOC: <u>Surface</u> feet determined by <u>calc</u>
	Hole size: <u>18"</u>
	<u>Intermediate Casing</u>
	Size: <u>8-5/8</u> " Cemented with <u>1750</u> <u>SX</u>
	TOC: <u>Surface</u> feet determined by <u>calc</u>
	Hole Size: <u>12-1/4"</u>
	<u>Long String</u>
	Size: <u>5-1/2</u> " Cemented with <u>739</u> <u>SX</u>
TOC: <u>4037</u> feet determined by <u>Haliburton</u>	
Hole Size: <u>7-7/8"</u>	
Total Depth: <u>8442'</u>	

Injection Interval

_____ feet to _____ feet
(perforated or open-hole, indicate which)

Tubing size _____ lined with _____ set in a
(material)
_____ packer at _____ feet.
(brand & model)
(or describe any other casing-tubing seal).

Other Data

- Name of the injection formation _____
- Name of Field or Pool (If applicable) Lovington Abo
- Is this a new well drilled for injection? No
If no, for what purpose was the well originally drilled? Production
- Has the well ever be perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used).

- Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area.
Above Drinkard

INJECTION WELL DATA SHEET

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Texaco		Skelly "Q" State		
OPERATOR		LEASE		
4	330' FSL & 1650' FEL	36	16S	36E
WELL NO.	FOOTAGE LOCATION	SEC.	TOWNSHIP	RANGE

Tubular Data

Completed
4-23-52

Surface Casing

Size: 13-3/8" Cemented with 265 SX

TOC: Surface feet determined by ^{Circ}calc

Hole size: 18"

Intermediate Casing

Size: 8-5/8" Cemented with 800 SX

TOC: ^{Surface}~~798~~ feet determined by ^{Circ}50%calc

Hole size: 11"

Long String

Size: 5-1/2" Cemented with 800 SX

TOC: 4077 feet determined by 80% calc

Hole size: 7-7/8"

Total Depth: 8435'

Injection Interval

- feet to - feet
(perforated or open-hole, indicate which)

Tubing size - lined with - set in a - packer

at - feet. (Or describe any other casing-tubing seal).

Other Data

- Name of the injection formation:
- Name of Field or Pool (If applicable) Lovington Abo
- Is this a new well drilled for Injection? No
If no, for what purpose was the well originally drilled? Production
- Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging details (sacks of cement or bridge plug(s) used).

- Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area.

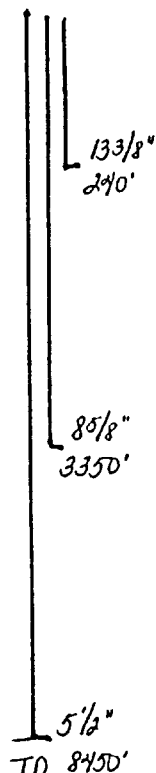
(Above) Drinkard

SI
79

74

INJECTION WELL DATA SHEET

Texaco		State "R"		
OPERATOR		LEASE		
5	330' FSL & 2310' FWL	36	16S	36E
WELL NO.	FOOTAGE LOCATION	SEC.	TOWNSHIP	RANGE

Tubular DataCompleted
6-30-52Surface Casing

Size: 13-3/8" Cemented with 245 SX

TOC: Surface feet determined by calc

Hole size: 18"

Intermediate Casing

Size: 8-5/8" Cemented with 800 SX

TOC: 900 feet determined by 50% calc

Hole size: 12-1/4"

Long String

Size: 5-1/2" Cemented with 800 SX

TOC: 4093 feet determined by 80% calc

Hole size: 7-7/8"

Total Depth: 8450'

Injection Interval

- feet to - feet
(perforated or open-hole, indicate which)

Tubing size - lined with - set in a - packer
at - feet. (Or describe any other casing-tubing seal).

Other Data

1. Name of the injection formation:
2. Name of Field or Pool (If applicable) Lovington Abo
3. Is this a new well drilled for Injection? No
If no, for what purpose was the well originally drilled? Production
4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging details (sacks of cement or bridge plug(s) used).
5. Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area.

(Above) Drinkard

INJECTION WELL DATA SHEET

Greenhill Petroleum Corporation

Lovington Paddock

OPERATOR	LEASE
# 1	1655' FSL & 330' ^{FWL} FEL
WELL NO.	SEC. TOWNSHIP RANGE
	30 16S 37E

Tubular Data

Completed
8-25-54

Surface Casing

Size: 13-3/8 " Cemented with 300 SX

TOC: Surface feet determined by calc

Hole size: 15"

Intermediate Casing

Size: 8-5/8 " Cemented with 1600 SX

TOC: Surface feet determined by calc

Hole Size: 10-3/4"

Long String

Size: 5-1/2 " Cemented with 425 SX

TOC: 4080 feet determined by 70%

Hole Size: 7-7/8"

Total Depth: 6277'

Injection Interval

- feet to - feet
(perforated or open-hole, indicate which)

Tubing size - lined with - set in a
(material)
packer at - feet.
(brand & model)
(or describe any other casing-tubing seal).

Other Data

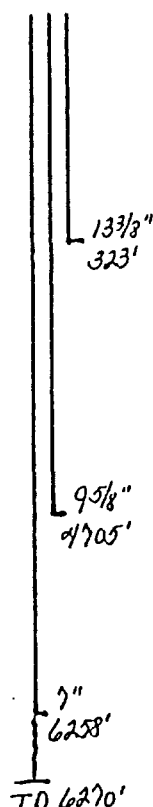
- Name of the injection formation -
- Name of Field or Pool (If applicable) Paddock
- Is this a new well drilled for injection? No
If no, for what purpose was the well originally drilled? Production
- Has the well ever be perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used.
No
- Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area.
Above Glorieta

INJECTION WELL DATA SHEET

Greenhill Petroleum Corporation		Lovington Paddock		
OPERATOR		LEASE		
# 8	660' FSL & 660' FWL	30	16S	37E
WELL NO.	FOOTAGE LOCATION	SEC.	TOWNSHIP	RANGE

Tubular Data

Completed
6-20-53

Surface Casing

Size: 13-3/8 " Cemented with 350 SX

TOC: Surface feet determined by ^{CIRC} calc

Hole size: 17-1/4"

Intermediate Casing

Size: 9-5/8" Cemented with 2700 SX

TOC: Surface feet determined by calc

Hole size: 12-1/4"

Long String

Size: 7" Cemented with 450 SX

TOC: 4113 feet determined by 70% calc

Hole size: 8-3/4"

Total Depth: 6270'

Injection Interval

6109 feet to 6188 feet
(perforated or open-hole, indicate which)

Tubing size 2-3/8" lined with IPC set in a Howco packer
at 6076 feet. (Or describe any other casing-tubing seal).

Other Data

- Name of the injection formation: Paddock
- Name of Field or Pool (If applicable) Paddock
- Is this a new well drilled for Injection? No
If no, for what purpose was the well originally drilled? Production
- Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging details (sacks of cement or bridge plug(s) used).
No
- Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area.
Above Glorieta

INJECTION WELL DATA SHEET

Tipperary Oil & Gas Corp		Monson to 30 St	
OPERATOR	LEASE		
1	6605 1980 C	30	16S 37E
WELL NO.	FOOTAGE LOCATION	SECTION	TOWNSHIP RANGE

Schematic

4 1/2 8 5/8 13 7/8

Tabular Data

Surface Casing

Size 13 7/8 " Cemented with 405 sx.TOC Surface feet determined by CircHole size 17 1/2

Intermediate Casing

405 Size 8 5/8 " Cemented with 1575 sx.TOC Surface feet determined by CircHole size 11

Long string

Size 4 1/2 " Cemented with 1450 sx.TOC 4350 feet determined by fileHole size 7 7/8Total depth 11350

Injection interval

8826 feet to 11350 feet
(perforated or open-hole, indicate which)

8826

ID 11350

Tubing size _____ lined with _____ set in a
(material)
_____ packer at _____ feet
(brand and model)
(or describe any other casing-tubing seal).

Other Data

- Name of the injection formation _____
- Name of Field or Pool (if applicable) _____
- Is this a new well drilled for injection? ☐ Yes ☐ No
If no, for what purpose was the well originally drilled? _____
- Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used) _____
- Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area. _____

INJECTION WELL DATA SHEET

Greenhill Petroleum Corporation		Lovington Paddock		
OPERATOR		LEASE		
# 10	660' FNL & 2440' FEL	31	16S	37E
WELL NO.	FOOTAGE LOCATION	SEC.	TOWNSHIP	RANGE

Tubular Data

Spud Date
8-11-54

Surface Casing

Size: 8-5/8 " Cemented with 1500 SX
TOC: Surface feet determined by Circ. calc.
Hole size: 11"

Intermediate Casing

Size: " Cemented with SX
TOC: feet determined by
Hole Size:

Long String

Size: 5-1/2 " Cemented with 300 SX
TOC: 4470 feet determined by 80% calc.
Hole Size: 7-7/8"
Total Depth: 6260'

1 5/8"
3912

5 1/2"
6105

TO
6260'

Injection Interval

 feet to feet
(perforated or open-hole, indicate which)

Tubing size lined with set in a
 (material)
 packer at feet.
(brand & model)
(or describe any other casing-tubing seal).

Other Data

- Name of the injection formation
- Name of Field or Pool (If applicable) Paddock
- Is this a new well drilled for injection? No
If no, for what purpose was the well originally drilled? Production
- Has the well ever be perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used. No
- Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area.
Above Glorieta

INJECTION WELL DATA SHEET

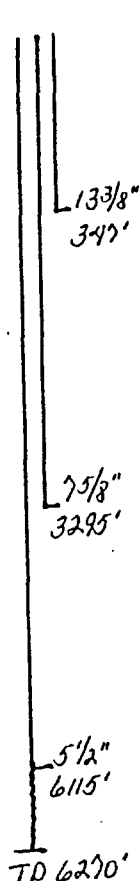
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Greenhill Petroleum Corporation		Lovington Paddock		
OPERATOR		LEASE		
#11	940' FNL & 1980' FWL	31	16S	37E
WELL NO.	FOOTAGE LOCATION	SEC.	TOWNSHIP	RANGE

Tubular Data

Spud Date
9-01-53

Converted to
Injection
12/66

Surface Casing

Size: 13-3/8 " Cemented with 330 SX

TOC: Surface feet determined by calc

Hole size: 17-1/4"

Intermediate Casing

Size: 7-5/8" Cemented with 2230 SX

TOC: Surface feet determined by calc

Hole size: 11"

Long String

Size: 5-1/2" Cemented with 350 SX

TOC: 4208 feet determined by 70% calc

Hole size: 7-7/8"

Total Depth: 6270'

Injection Interval

6115 feet to 6270 feet
(perforated or open-hole, indicate which)

Tubing size 2" lined with IPC set in a packer
at 6034 feet. (Or describe any other casing-tubing seal).

Other Data

1. Name of the injection formation: Paddock
2. Name of Field or Pool (If applicable) Paddock
3. Is this a new well drilled for Injection? No
If no, for what purpose was the well originally drilled? Production
4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging details (sacks of cement or bridge plug(s) used).
No
5. Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area.
Above Glorieta

INJECTION WELL DATA SHEET

Greenhill Petroleum Corporation		Lovington Paddock		
OPERATOR		LEASE		
#12	781' FNL & 660' FWL	31	16S	37E
WELL NO.	FOOTAGE LOCATION	SEC.	TOWNSHIP	RANGE

Tubular Data

Spud Date
4-05-53

13 3/8"
324'

9 5/8"
~~4699'~~
4299'

7"
TO 6250'

Surface Casing

Size: 13-3/8 " Cemented with 350 SX

TOC: Surface feet determined by ^{circ}calc

Hole size: 17 1/4

Intermediate Casing

Size: 9-5/8" Cemented with 2600 SX

TOC: 310 feet determined by calc Temp Survey

Hole size: 12 1/4

Long String

Size: 7" Cemented with 450 SX

TOC: 2675 feet determined by 70% calc

Hole size: 8 1/4

Total Depth: 6250'

Injection Interval

- feet to - feet
(perforated or open-hole, indicate which)

Tubing size - lined with - set in a - packer
at - feet. (Or describe any other casing-tubing seal).

Other Data

- Name of the injection formation:
- Name of Field or Pool (If applicable) Paddock
- Is this a new well drilled for Injection? No
If no, for what purpose was the well originally drilled? Production
- Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging details (sacks of cement or bridge plug(s) used).
No
- Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area.
Above Glorieta

INJECTION WELL DATA SHEET

Greenhill Petroleum Corporation		Lovington Paddock		
OPERATOR	2321.9	LEASE		
#23	2392' FNL & 750' FWL	31	16S	37E
WELL NO.	FOOTAGE LOCATION	SEC.	TOWNSHIP	RANGE

Tubular Data

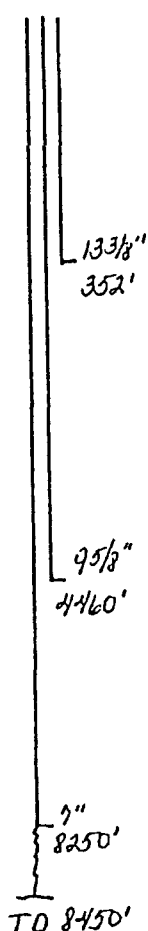
Spud Date
3-29-52

Converted
to Injection
2/73

CIBP 6310'

Cmt. to 6300'

17" liner
4171-8250

Surface Casing

Size: 13-3/8" Cemented with 350 SX

TOC: Surface feet determined by calc

Hole size:

Intermediate Casing

Size: 9-5/8" Cemented with 2250 SX

TOC: Surface feet determined by calc

Hole size:

Long String

Size: 7" Cemented with 500 SX

TOC: 2250 feet determined by temp survey ?

Hole size:

Total Depth: 8450'

Injection Interval

6120 feet to 6170 feet
(perforated or open-hole, indicate which)

Tubing size 2-3/8" lined with IPC set in a - packer
at 6089 feet. (Or describe any other casing-tubing seal).

Other Data

1. Name of the injection formation: Paddock
2. Name of Field or Pool (If applicable) Paddock
3. Is this a new well drilled for Injection? No
If no, for what purpose was the well originally drilled? Production
4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging details (sacks of cement or bridge plug(s) used).
No
5. Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area.
Above Glorieta

INJECTION WELL DATA SHEET

Greenhill Petroleum Corporation		Lovington Paddock		
OPERATOR		LEASE		
#24	2310' FNL & 1968' FWL	31	16S	37E
WELL NO.	FOOTAGE LOCATION	SEC.	TOWNSHIP	RANGE

Tubular Data

Spud Date
9-12-53

Surface Casing

Size: 8-5/8" Cemented with 950 SX

TOC: Surface feet determined by calc

Hole size: / /

Intermediate Casing

Size: Cemented with SX

TOC: feet determined by

Hole size:

Long String

Size: 5-1/2" Cemented with 400 SX

TOC: 4077 feet determined by temp survey

Hole size: 7 7/8

Total Depth: 6257'

Injection Interval

- feet to - feet
(perforated or open-hole, indicate which)

Tubing size - lined with - set in a - packer

at - feet. (Or describe any other casing-tubing seal).

Other Data

- Name of the injection formation:
- Name of Field or Pool (If applicable) Paddock
- Is this a new well drilled for Injection? No
If no, for what purpose was the well originally drilled? Production
- Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging details (sacks of cement or bridge plug(s) used).
No
- Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area.
Above Glorieta

INJECTION WELL DATA SHEET

Greenhill Petroleum Corporation			Lovington Paddock		
OPERATOR			LEASE		
#25	2130' FNL & 1980' FNL ^{FEL}		31	16S	37E
WELL NO.	FOOTAGE LOCATION		SEC.	TOWNSHIP	RANGE

Tubular Data

Spud Date
11-16-54

Converted
to Inj.
12/54

Surface Casing

Size: 8-5/8" Cemented with 1550 SX ^{Circ}

TOC: Surface feet determined by calc

Hole size: //

Intermediate Casing

Size: Cemented with SX

TOC: feet determined by

Hole size:

Long String

Size: 5-1/2" Cemented with 450 SX

TOC: 4160 feet determined by temp survey

Hole size: 7 7/8

Total Depth: 6270'

Injection Interval

6107 feet to 6270 feet
(perforated or open-hole, indicate which)

Tubing size 2-3/8" lined with IPC set in a - packer
at 6043 feet. (Or describe any other casing-tubing seal).

Other Data

1. Name of the injection formation: Paddock
2. Name of Field or Pool (If applicable) Paddock
3. Is this a new well drilled for Injection? No
If no, for what purpose was the well originally drilled? Production
4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging details (sacks of cement or bridge plug(s) used).
No
5. Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area.
Above Glorieta

INJECTION WELL DATA SHEET

Greenhill Petroleum Corporation		Lovington Paddock		
OPERATOR		LEASE		
#26	2130' FSL & 2160' FEL	31	16S	37E
WELL NO.	FOOTAGE LOCATION	SEC.	TOWNSHIP	RANGE

Tubular Data

Spud Date
8-26-53

Surface Casing

Size: 8-5/8" Cemented with 975 SX

TOC: Surface feet determined by calc ^{Circ}

Hole size:

Intermediate Casing

Size: Cemented with SX

TOC: feet determined by

Hole size:

Long String

Size: 5-1/2" Cemented with 400 SX

TOC: 4077 feet determined by temp survey

Hole size:

Total Depth: 6252'

Injection Interval

- feet to - feet
(perforated or open-hole, indicate which)

Tubing size - lined with - set in a - packer
at - feet. (Or describe any other casing-tubing seal).

Other Data

- Name of the injection formation:
- Name of Field or Pool (If applicable) Paddock
- Is this a new well drilled for Injection? No
If no, for what purpose was the well originally drilled? Production
- Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging details (sacks of cement or bridge plug(s) used).
No
- Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area.
Above Glorieta

INJECTION WELL DATA SHEET

Greenhill Petroleum Corporation

Lovington Paddock

OPERATOR	LEASE			
# 27	1960' FWL & 1980' FSL	31	16S	37E
WELL NO.	FOOTAGE LOCATION	SEC.	TOWNSHIP	RANGE

Tubular Data

Completion
6-16-53

Converted to
Injection
6/67

Surface Casing

Size: 13-3/8 " Cemented with 350 SX

TOC: Surface feet determined by Circ calc

Hole size: 17-1/4"

Intermediate Casing

Size: 8-5/8 " Cemented with 900 SX

TOC: 656 feet determined by 50% calc

Hole Size: 11"

Long String

Size: 5-1/2 " Cemented with 250 SX

TOC: 4692 43/6 feet determined by 75 80% calc

Hole Size: 7-7/8"

Total Depth: 6275'

Injection Interval

6080 feet to 6275 feet
(perforated or open-hole, indicate which)

Tubing size 2-3/8" lined with IPC (material) set in a

(brand & model)
(or describe any other casing-tubing seal).

Other Data

- Name of the injection formation Paddock
- Name of Field or Pool (If applicable) Paddock
- Is this a new well drilled for injection? No
If no, for what purpose was the well originally drilled? Production
- Has the well ever be perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used).
No
- Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area.

Above Glorieta

INJECTION WELL DATA SHEET

Greenhill Petroleum Corporation		Lovington Paddock		
OPERATOR		LEASE		
#28	2108' FSL & 624' FWL	31	16S	37E
WELL NO.	FOOTAGE LOCATION	SEC.	TOWNSHIP	RANGE

Tubular Data

Spud Date
5-02-53

Surface Casing

Size: 9-5/8" Cemented with 850 SX

TOC: Surface feet determined by calc

Hole size: 12 1/4

Intermediate Casing

Size: Cemented with SX

TOC: feet determined by

Hole size:

Long String

Size: 5-1/2" Cemented with 500 SX

TOC: 3869 feet determined by 70% calc

Hole size: 7 1/2

Total Depth: 6252'

Injection Interval

- feet to - feet
(perforated or open-hole, indicate which)

Tubing size - lined with - set in a - packer
at - feet. (Or describe any other casing-tubing seal).

Other Data

- Name of the injection formation:
- Name of Field or Pool (If applicable) Paddock
- Is this a new well drilled for Injection? No
If no, for what purpose was the well originally drilled? Production
- Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging details (sacks of cement or bridge plug(s) used).
No
- Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area.
Above Glorieta

INJECTION WELL DATA SHEET

41

Greenhill Petroleum Corporation		Lovington Paddock		
OPERATOR		LEASE		
#34	1830' FSL & 660' FEL	31	16S	37E
WELL NO.	FOOTAGE LOCATION	SEC.	TOWNSHIP	RANGE

Tubular Data

Spud Date
2-10-54

Surface Casing

Size: 8-5/8" Cemented with 1075 SX

TOC: Surface feet determined by ^{Circ} calc

Hole size: //

Intermediate Casing

Size: Cemented with SX

TOC: feet determined by

Hole size:

Long String

Size: 5-1/2" Cemented with 535 SX

TOC: 3257 feet determined by temp survey

Hole size: 7 1/2

Total Depth: 6250'

Injection Interval

6110 feet to 6250 feet
(perforated or open-hole, indicate which)

Tubing size 2-3/8" lined with IPC set in a - packer

at 6075 feet. (Or describe any other casing-tubing seal).

Other Data

1. Name of the injection formation: Paddock
2. Name of Field or Pool (If applicable) Paddock
3. Is this a new well drilled for Injection? No
If no, for what purpose was the well originally drilled? Production
4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging details (sacks of cement or bridge plug(s) used).
No
5. Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area.
Above Glorieta

INJECTION WELL DATA SHEET

Greenhill Petroleum Corporation		Lovington Paddock		
OPERATOR		LEASE		
#35	810' FSL & 810' FEL	31	16S	37E
WELL NO.	FOOTAGE LOCATION	SEC.	TOWNSHIP	RANGE

Tubular Data

Spud Date
3-20-54

8 5/8"
2048'

5 1/2"
6078'

TO 6262'

Surface Casing

Size: 8-5/8" Cemented with 975 SX

TOC: Surface feet determined by ^{Circ}calc

Hole size: 11

Intermediate Casing

Size: Cemented with SX

TOC: feet determined by

Hole size:

Long String

Size: 5-1/2" Cemented with 585 SX

TOC: 3225 feet determined by temp
survey

Hole size: 7 7/8

Total Depth: 6262'

Injection Interval

- feet to - feet
(perforated or open-hole, indicate which)

Tubing size - lined with - set in a - packer
at - feet. (Or describe any other casing-tubing seal).

Other Data

- Name of the injection formation:
- Name of Field or Pool (If applicable) Paddock
- Is this a new well drilled for Injection? No
If no, for what purpose was the well originally drilled? Production
- Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging details (sacks of cement or bridge plug(s) used).
No
- Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area.
Above Glorieta

INJECTION WELL DATA SHEET

Greenhill Petroleum Corporation		Lovington Paddock		
OPERATOR		: LEASE		
#36	660' FSL & 2160' FEL	31	16S	37E
WELL NO.	FOOTAGE LOCATION	SEC.	TOWNSHIP	RANGE

Tubular Data

Completed
12-3/53

Converted to
Injection 1/71

Surface Casing

Size: 8-5/8" Cemented with 1475 SX

TOC: Surface feet determined by ^{Circ}~~calc~~

Hole size: 11"

Intermediate Casing

Size: Cemented with SX

TOC: feet determined by

Hole size:

Long String

Size: 5-1/2" Cemented with 400 SX

TOC: 4077 feet determined by temp
survey

Hole size: 7-7/8"

Total Depth: 6245'

Injection Interval

6050 feet to 6245 feet
(perforated or open-hole, indicate which)

Tubing size 2-3/8" lined with IPC set in a - packer
at 5974 feet. (Or describe any other casing-tubing seal).

Other Data

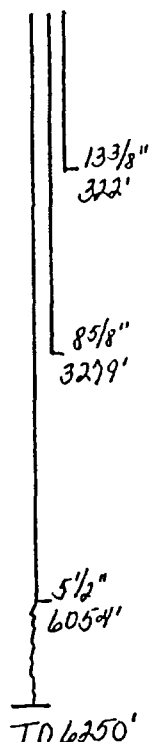
1. Name of the injection formation: Paddock
 2. Name of Field or Pool (If applicable) Paddock
 3. Is this a new well drilled for Injection? No
If no, for what purpose was the well originally drilled? Production
 4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging details (sacks of cement or bridge plug(s) used.
No
-
5. Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area.
Above Glorieta

INJECTION WELL DATA SHEET

Greenhill Petroleum Corporation		Lovington Paddock		
OPERATOR		LEASE		
#37	330' FSL & 2290' FWL	31	16S	37E
WELL NO.	FOOTAGE LOCATION	SEC.	TOWNSHIP	RANGE

Tubular Data

Spud Date
8-6-53

Surface Casing

Size: 13-3/8" Cemented with 350 SX

TOC: Surface feet determined by ^{Circ}calc

Hole size: 17 1/2

Intermediate Casing

Size: 8-5/8" Cemented with 930 SX

TOC: 1235 feet determined by temp survey

Hole size: 11

Long String

Size: 5-1/2" Cemented with 250 SX

TOC: 4290 feet determined by temp survey

Hole size: 7 7/8

Total Depth: 6250'

Injection Interval

6054 feet to 6250 feet
(perforated or open-hole, indicate which)

Tubing size 2-3/8" lined with IPC set in a - packer
at - feet. (Or describe any other casing-tubing seal).

Other Data

- Name of the injection formation: Paddock
- Name of Field or Pool (If applicable) Paddock
- Is this a new well drilled for Injection? No
If no, for what purpose was the well originally drilled? Production
- Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging details (sacks of cement or bridge plug(s) used).
No
- Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area.
Above Glorieta

INJECTION WELL DATA SHEET

Greenhill Petroleum Corporation		Lovington San Andres Unit		
OPERATOR		LEASE		
#16	2310 FEL & 1980 FSL	31	T16S	R37E
WELL NO.	FOOTAGE LOCATION	SEC.	TOWNSHIP	RANGE

Tubular Data

Surface Casing

Size: 13 " Cemented with 200 SX

TOG: Surface feet determined by Circ

Hole size: 15 1/4

Intermediate Casing

Size: 8 5/8 " Cemented with 500 SX

TOG: 1245 feet determined by Calc

Hole Size: 10 1/4

Long String

Size: 5 1/2 " Cemented with 200 SX

TOG: 2343 feet determined by 80% calc

Hole Size: 6 3/4

Total Depth: 4950'

Injection Interval

4605 feet to 4950 feet
(perforated or open-hole, indicate which)

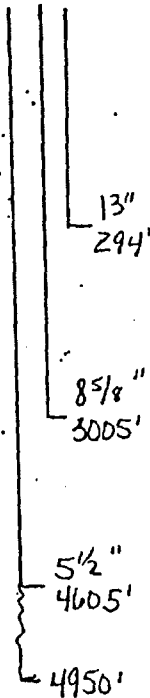
Tubing size 2 3/8 lined with IPC set in a
(material)
packer at 4557 feet.
(brand & model)
(or describe any other casing-tubing seal).

Other Data

- Name of the injection formation San Andres
- Name of Field or Pool (If applicable) Lovington San Andres
- Is this a new well drilled for injection? No
If no, for what purpose was the well originally drilled? Production
- Has the well ever be perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used).
No
- Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area.
Underlying - Grayburg

Completed
12/6/39

Converted to
Injection
3/16/63



INJECTION WELL DATA SHEET

Greenhill Petroleum Corporation		Lovington Paddock		
OPERATOR		LEASE		
#38	810' FSL & 665' FWL	31	16S	37E
WELL NO.	FOOTAGE LOCATION	SEC.	TOWNSHIP	RANGE

Tubular Data

Completed
6-28-53

Converted to
Injection 1-71

Surface Casing

Size: 9-5/8" Cemented with 900 SX

TOC: Surface feet determined by ^{Circ}calc

Hole size: 12-1/4"

Intermediate Casing

Size: 9 5/8" Cemented with SX

TOC: feet determined by

Hole size:

Long String

Size: 5-1/2" Cemented with 500 SX
3527 (casing set deeper than on original calc.)

TOC: ~~3316~~ feet determined by 80% calc

Hole size: 7-7/8"

Total Depth: 6252'

TO 6252'

Injection Interval

6040 feet to 6220 feet
(perforated or open-hole, indicate which)

Tubing size 2-3/8" lined with IPC set in a - packer

at 5966 feet. (Or describe any other casing-tubing seal).

Other Data

1. Name of the injection formation: Paddock
2. Name of Field or Pool (If applicable) Paddock
3. Is this a new well drilled for Injection? No
If no, for what purpose was the well originally drilled? Production
4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging details (sacks of cement or bridge plug(s) used).
No
5. Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area.
Above Glorieta

INJECTION WELL DATA SHEET

Greenhill Petroleum Corporation		Lovington San Andres Unit		
OPERATOR		LEASE		
#6	660 FNL & 660 FWL	31	T16S	R37E
WELL NO.	FOOTAGE LOCATION	SEC.	TOWNSHIP	RANGE

Tubular Data

Surface Casing

Size: 16 " Cemented with 100 SX

TOC: Surface feet determined by calc.

Hole size: 18

Intermediate Casing

Size: 8 5/8 " Cemented with 150 SX

TOC: 1271 feet determined by calc 50%

Hole Size: 11

Long String

Size: 7 " Cemented with 200 SX

TOC: 2229 feet determined by 80% calc

Hole Size: 8

Total Depth: 5000'

Injection Interval

4538 feet to 5000 feet
(perforated or open-hole, indicate which)

Tubing size 2 3/8 lined with IPC set in a
(material)
packer at 4434 feet.
(brand & model)
(or describe any other casing-tubing seal).

Other Data

- Name of the injection formation San Andres
- Name of Field or Pool (If applicable) Lovington San Andres
- Is this a new well drilled for injection? No
If no, for what purpose was the well originally drilled? Production
- Has the well ever be perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used).
No
- Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area.

Underlying - Grayburg

INJECTION WELL DATA SHEET

34

Greenhill Petroleum Corporation			Lovington San Andres		
OPERATOR	2130	1980 FWL	LEASE		
8	2150' FNL & 366' FEL		31	16S	37E
WELL NO.	FOOTAGE LOCATION		SEC.	TOWNSHIP	RANGE

Tubular Data

Completed
7-24-44

8 5/8"
2048'

Surface Casing

Size: 8-5/8" Cemented with 500 SX

TOC: Surface feet determined by calc

Hole size:

Intermediate Casing

Size: Cemented with SX

TOC: feet determined by

Hole size:

Long String

Size: 5-1/2" Cemented with 500 SX

TOC: 1886 feet determined by 80% calc

Hole size: 7-7/8"

Total Depth: 4978'

Injection Interval

- feet to - feet
(perforated or open-hole, indicate which)

Tubing size - lined with - set in a - packer
at - feet. (Or describe any other casing-tubing seal).

Other Data

- Name of the injection formation:
 - Name of Field or Pool (If applicable) Lovington San Andres
 - Is this a new well drilled for Injection? No
If no, for what purpose was the well originally drilled? Production
 - Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging details (sacks of cement or bridge plug(s) used).
-
- Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area.

(Above) Grayburg

INJECTION WELL DATA SHEET

49

Greenhill Petroleum Corporation		Lovington San Andres Unit		
OPERATOR		LEASE		
#14	1980 FSL & 818 FWL	31	T16S	R37E
WELL NO.	FOOTAGE LOCATION	SEC.	TOWNSHIP	RANGE

Tubular Data

Surface Casing

Size: 10 3/4" Cemented with 250 SX

TOC: Surface feet determined by CIRC calc

Hole size: 12 1/4"

Intermediate Casing

Size: 7 5/8" Cemented with 500 SX

TOC: 363.7 feet determined by 50% calc

Hole Size: 9 1/4"

Long String

Size: 5 1/2" Cemented with 200 SX

TOC: 604' feet determined by 80% calc

Hole Size: 6 1/4"

Total Depth: 5087'

Injection Interval

4530 feet to 5087 feet
(perforated or open-hole, indicate which)

Tubing size 2 3/8 lined with IPC set in a
(material)
packer at 4468.11 feet.
(brand & model)
(or describe any other casing-tubing seal).

Other Data

- Name of the injection formation San Andres
- Name of Field or Pool (If applicable) Lovington San Andres
- Is this a new well drilled for injection? No
If no, for what purpose was the well originally drilled? Production
- Has the well ever be perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used).
No
- Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area.

Underlying - Grayburg

Completed
8/7/39

Converted to
Injection
3/15/63

10 3/4"
314'

7 5/8"
3000'

5 1/2"
4530'

5087'

INJECTION WELL DATA SHEET

Greenhill Petroleum Corporation		Lovington San Andres Unit		
OPERATOR		LEASE		
#20	660 FSL & 660 FEL	31	T16S	R37E
WELL NO.	FOOTAGE LOCATION	SEG.	TOWNSHIP	RANGE

Tubular Data

Surface Casing

Size: 13 " Cemented with 20 SX
 TOC: Surface feet determined by calc
 Hole size: 15

Intermediate Casing

Size: 8 5/8 " Cemented with 400 SX
 TOC: 784 feet determined by 50% calc
 Hole Size: 11 10/12

Long String

Size: 5 1/2 " Cemented with 450 SX
 TOC: 1340 feet determined by 80% calc
 Hole Size: 6 1/4 7
 Total Depth: 4945'

Injection Interval

 feet to feet
 (perforated or open-hole, indicate which)

Tubing size lined with set in a
 (material)
 packer at feet.
 (brand & model)
 (or describe any other casing-tubing seal).

Other Data

- Name of the injection formation San Andres
- Name of Field or Pool (If applicable) Lovington San Andres
- Is this a new well drilled for injection? No
 If no, for what purpose was the well originally drilled? Production
- Has the well ever be perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used).
No
- Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area.
Underlying - Grayburg

Completed
1/6/45

13'
20'
8 5/8"
2099'
5 1/2"
4580'
4945'

INJECTION WELL DATA SHEET

Greenhill Petroleum Corporation	Lovington San Andres Unit			
OPERATOR	LEASE			
#21	2310 FEL & 660 FSL	31	T16S	R31E
WELL NO.	FOOTAGE LOCATION	SEC.	TOWNSHIP	RANGE

Tubular Data

Surface Casing

Size: 13 " Cemented with 200 175 SXTOC: Surface feet determined by circ calcHole size: 15

Intermediate Casing

Size: 8 5/8 " Cemented with 500 400 SXTOC: 1784 feet determined by 50% calcHole Size: 10 1/4 9 7/8

Long String

Size: 5 1/2 " Cemented with 200 150 SXTOC: 642 1626 feet determined by 80% calcHole Size: 6 1/4Total Depth: 5032'

Injection Interval

 feet to feet
(perforated or open-hole, indicate which)

Tubing size lined with set in a
 (material)
 packer at feet.
 (brand & model)
 (or describe any other casing-tubing seal).

Other Data

- Name of the injection formation
- Name of Field or Pool (If applicable) Lovington San Andres
- Is this a new well drilled for injection? No
If no, for what purpose was the well originally drilled? Production
- Has the well ever be perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used).
No
- Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area.
Underlying - Grayburg

Completed
9/20/39

302
3010'
4570'
5032'

INJECTION WELL DATA SHEET

Greenhill Petroleum Corporation		Lovington San Andres Unit		
OPERATOR		LEASE		
#22	330 FSL & 1650 FWL	31	T16S	R73E
WELL NO.	FOOTAGE LOCATION	SEC.	TOWNSHIP	RANGE

Tubular Data

Surface Casing

Size: 13 " Cemented with 200 SXTOG: Surface feet determined by calc13"
299'Hole size: 15 1/2

Intermediate Casing

Size: 9 5/8 " Cemented with 500 SXTOG: 1369 feet determined by 50% calc9 5/8"
3002'Hole Size: 11 1/4

Long String

Size: 7 " Cemented with 200 SXTOG: 3161 feet determined by 80% calc7"
4525'Hole Size: 8 3/4

TD 4760'

Total Depth: 5086deepened
4917
6-8-66
TD 5086
2-4-86

Injection Interval

_____ feet to _____ feet
(perforated or open-hole, indicate which)

Tubing size _____ lined with _____ set in a
(material)
_____ packer at _____ feet.
(brand & model)
(or describe any other casing-tubing seal).

Other Data

- Name of the injection formation San Andres
- Name of Field or Pool (If applicable) Lovington San Andres
- Is this a new well drilled for injection? No
If no, for what purpose was the well originally drilled? Production
- Has the well ever be perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used).
No
- Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area.
Underlying - Grayburg

Completed
11/19/55Deepened to 4917
6/8/66Deepened to 5086
2/4/86

INJECTION WELL DATA SHEET

Greenhill Petroleum Corporation
OPERATORLovington San Andres Unit
LEASE

#23

660 FSL & 900 FWL

31

T16S

R37E

WELL NO.

FOOTAGE LOCATION

SEC.

TOWNSHIP

RANGE

Tubular Data

Surface Casing

Size: 13 " Cemented with 200 SXTOC: Surface feet determined by calcHole size: 14

Intermediate Casing

Size: 9 5/8 " Cemented with 500 SXTOC: 1773 feet determined by 50% calcHole Size: 11 1/4

Long String

Size: 7 " Cemented with 200 SXTOC: 2735 feet determined by 80% calcHole Size: 8 1/4Total Depth: 5081'

Injection Interval

 feet to feet
(perforated or open-hole, indicate which)

Tubing size lined with set in a
 (material)
 packer at feet.
 (brand & model)
 (or describe any other casing-tubing seal).

Other Data

1. Name of the injection formation San Andres
2. Name of Field or Pool (If applicable) Lovington San Andres
3. Is this a new well drilled for injection? No
If no, for what purpose was the well originally drilled? Production
4. Has the well ever be perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used).
No
5. Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area.

Underlying - GrayburgCompleted
6/2/39

INJECTION WELL DATA SHEET

Greenhill Petroleum Corporation		Lovington San Andres		
OPERATOR		LEASE		
#60	1283' FSL & 2527' FWL	31	16S	37E
WELL NO.	FOOTAGE LOCATION	SEC.	TOWNSHIP	RANGE

Tubular Data

Completed
1-31-90

395'
13 3/8"

2053'
8 5/8"

5340'
5 1/2"

5400'
TD

Surface Casing

Size: 13-3/8 " Cemented with 450 SX

TOC: Surface feet determined by circ

Hole size: 17-1/2"

Intermediate Casing

Size: 8-5/8 " Cemented with 600 SX

TOC: 215 feet determined by calc

Hole Size: 11" 12 1/4

Long String

Size: 5-1/2 " Cemented with 1450 SX

TOC: Surface feet determined by calc

Hole Size: 7-7/8"

Total Depth: 5400'

Injection Interval

 feet to feet
(perforated or open-hole, indicate which)

Tubing size lined with set in a
 (material)
 packer at feet.
(brand & model)
(or describe any other casing-tubing seal).

Other Data

- Name of the injection formation San Andres
- Name of Field or Pool (If applicable) Lovington San Andres
- Is this a new well drilled for injection? No
If no, for what purpose was the well originally drilled? Production
- Has the well ever be perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used).
NO
- Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area.
Underlying-Grayburg

INJECTION WELL DATA SHEET

47

OK

Penroc	State 182 "A"			
OPERATOR	LEASE			
4	1650' FSL. & 2289' FWL	31	16S	37E
WELL NO.	FOOTAGE LOCATION	SEC.	TOWNSHIP	RANGE

Tubular DataSurface Casing

Size: 13-3/8" Cemented with 300 SX
TOC: Surface feet determined by calc ^{CIRC}

Hole size: 16"

Intermediate Casing

Size: 9-5/8" Cemented with 1200 SX
TOC: Surface feet determined by calc

Hole size: 12"

Long String

Size: 7" Cemented with 404 SX
TOC: 3798 feet determined by 80% calc

Hole size: 8"

Total Depth: 8460'

Injection Interval

- feet to - feet
(perforated or open-hole, indicate which)

Tubing size - lined with - set in a - packer

at - feet. (Or describe any other casing-tubing seal).

Other Data

1. Name of the injection formation:
2. Name of Field or Pool (If applicable) Lovington Abo
3. Is this a new well drilled for Injection? No
If no, for what purpose was the well originally drilled? Production
4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging details (sacks of cement or bridge plug(s) used).
5. Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area.

Above Drinkard

Workover Aug Sept
1968 5922' from
6400, 5000, & 4600
w/ total 1200 SX
TOC 4000 by
Temp Survey

13 3/8"
299'
9 5/8"
3360'
7"
8460' TO

INJECTION WELL DATA SHEET

35

Rice Engineering		Abo SWD (State "0")		
OPERATOR		LEASE		
13	2310' FNL & 2626' FWL	31	16S	37E
WELL NO.	FOOTAGE LOCATION	SEC.	TOWNSHIP	RANGE

Tubular Data

Completed
1-18-53

Converted to
SWD (Inject
thru 9730-10260)

Surface Casing

Size: 13-3/8" Cemented with 246 SX

TOC: Surface feet determined by ^{Circ}calc

Hole size: 18"

Intermediate Casing

Size: 9-5/8" Cemented with 1400 SX

TOC: ^{Surface}352 feet determined by ^{Circ}50% calc

Hole size: 12-1/4"

Long String

Size: 5-1/2" Cemented with 1982 SX

TOC: 247 feet determined by 80% calc

Hole size: 7-7/8"

Total Depth: 12,251

Injection Interval

- feet to - feet
(perforated or open-hole, indicate which)

Tubing size - lined with - set in a - packer
at - feet. (Or describe any other casing-tubing seal).

Other Data

1. Name of the injection formation:
2. Name of Field or Pool (If applicable) East Lovington (Penn)
3. Is this a new well drilled for Injection? No
If no, for what purpose was the well originally drilled? Production
4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging details (sacks of cement or bridge plug(s) used).
5. Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area.

Abo (Above)

*Cement Bond Log 1964
Top good cut 3765
sgzd several intervals
above & below this
point*

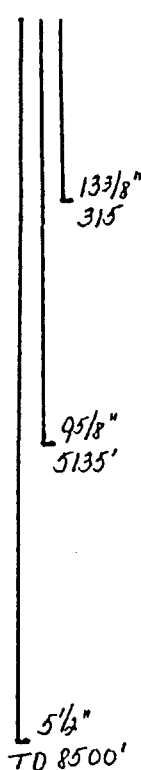
*6820' shoe
1300' thick
DU tool at
8988*

INJECTION WELL DATA SHEET

Texaco		State "0" Battery 2		
OPERATOR		LEASE		
9	660' FSL & 815' FWL	31	16S	37E
WELL NO.	FOOTAGE LOCATION	SEC.	TOWNSHIP	RANGE

Tubular Data

Completed
12-8-51

Surface Casing

Size: 13-3/8" Cemented with 300 650 SX

TOC: Surface feet determined by calc *Circ*

Hole size: 18"

Intermediate Casing

Size: 9-5/8" Cemented with 4500 SX

TOC: Surface feet determined by calc *Circ*

Hole size: 12-1/4"

Long String

Size: 5-1/2" Cemented with 650 SX

TOC: 4959 feet determined by 80% calc

Hole size: 7-7/8"

Total Depth: 8500

Injection Interval

- feet to - feet
(perforated or open-hole, indicate which)

Tubing size - lined with - set in a - packer

at - feet. (Or describe any other casing-tubing seal).

Other Data

1. Name of the injection formation:
2. Name of Field or Pool (If applicable) Lovington Abo
3. Is this a new well drilled for Injection? No
If no, for what purpose was the well originally drilled? Production
4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging details (sacks of cement or bridge plug(s) used).
5. Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area.

(Above) Drinkard

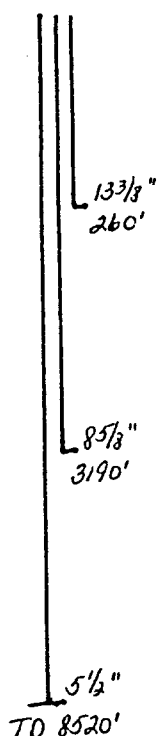
*350 SX at shoe
4150 SX
DU Tool at
4510*

INJECTION WELL DATA SHEET

Texaco		State "0"		
OPERATOR		LEASE		
10	440' FWL & 3080' FNL	31	16S	37E
WELL NO.	FOOTAGE LOCATION	SEC.	TOWNSHIP	RANGE

Tubular Data

Completed
4-13-52

Surface Casing

Size: 13-3/8" Cemented with ²⁷⁵ 225 SX
 TOC: Surface feet determined by ^{CIRC} calc

Hole size: 18"

Intermediate Casing

Size: 8-5/8" Cemented with 700 SX
 TOC: ^{surface} 1046 feet determined by ^{CIRC} 50% calc

Hole size: 11"

Long String

Size: 5-1/2" Cemented with 775 SX
 TOC: 4298 feet determined by 80% calc

Hole size: 7-7/8"

Total Depth: 8520'

Injection Interval

- feet to - feet
 (perforated or open-hole, indicate which)

Tubing size - lined with - set in a - packer
 at - feet. (Or describe any other casing-tubing seal).

Other Data

1. Name of the injection formation:
2. Name of Field or Pool (If applicable) Lovington Abo
3. Is this a new well drilled for Injection? No
 If no, for what purpose was the well originally drilled? Production
4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging details (sacks of cement or bridge plug(s) used).

5. Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area.

(Above) Drinkard

INJECTION WELL DATA SHEET

86

Texaco		State "0"		
OPERATOR		LEASE		
11	330' FSL & 2310' FEL	31	16S	37E
WELL NO.	FOOTAGE LOCATION	SEC.	TOWNSHIP	RANGE

Tubular Data

Surface Casing

Size: 13-3/8" Cemented with ²⁵⁰240 SX

TOC: Surface feet determined by ^{CIRC}gate

Hole size: 18"

Intermediate Casing

Size: 8-5/8" Cemented with 800 SX

TOC: 899 feet determined by 50% calc

Hole size: 12-1/4"

Long String

Size: 5-1/2" Cemented with 850 SX

TOC: 3809 feet determined by 80% calc

Hole size: 7-7/8"

Total Depth: 8440'

Injection Interval

- feet to - feet
(perforated or open-hole, indicate which)

Tubing size - lined with - set in a - packer

at - feet. (Or describe any other casing-tubing seal).

Other Data

1. Name of the injection formation:
2. Name of Field or Pool (If applicable) Lovington Abo
3. Is this a new well drilled for Injection? No
If no, for what purpose was the well originally drilled? Production
4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging details (sacks of cement or bridge plug(s) used).
5. Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area.

(Above) Drinkard

INJECTION WELL DATA SHEET

Texaco
OPERATOR

State "O"
LEASE

12
WELL NO.

1650' ESL & 2310' FEL
FOOTAGE LOCATION

31
SEC.

16S
TOWNSHIP

37E
RANGE

Tubular Data

Completed
8-08-52

Surface Casing

Size: 13-3/8 " Cemented with 245 SX

TOC: Surface feet determined by calc

Hole size: ~~18"~~ 16

L 13 $\frac{3}{8}$
236'

Intermediate Casing

Size: 8-5/8 " Cemented with 1800 SX

TOC: Surface feet determined by circ calc

Hole Size: 12-1/4"

L 8 5/8
3250

Long String

Size: 5-1/2 " Cemented with 700 SX

TOC: 3984 feet determined by 80% calc

Hole Size: 7-7/8"

Total Depth: 8444'

 $5\frac{1}{2}$

8444 TD

Infection Interval

_____ feet to _____ feet
(perforated or open-hole, indicate which)

Tubing size _____ lined with _____ set in a
 _____ (material)
 _____ packer at _____ feet.
 (brand & model)
 (or describe any other casing-tubing seal).

Other Data

1. Name of the injection formation _____
2. Name of Field or Pool (If applicable) Lovington Abo
3. Is this a new well drilled for injection? No
If no, for what purpose was the well originally drilled? Production
4. Has the well ever be perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used). _____
5. Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area. _____

Above Drinkard

INJECTION WELL DATA SHEET

42

Texaco	State "0"			
OPERATOR	LEASE			
14	1980' FSL & 660' FEL	31	16S	37E
WELL NO.	FOOTAGE LOCATION	SEC.	TOWNSHIP	RANGE

Tubular Data

Completed
4-23-53

<div> <div>13 3/8"</div> <div>235'</div> </div>	<u>Surface Casing</u>
	Size: 13-3/8" Cemented with 235 SX
	TOC: Surface feet determined by ^{Circ} calc
<div> <div>9 5/8"</div> <div>3320'</div> </div>	Hole size: 18"
	<u>Intermediate Casing</u>
	Size: 9-5/8" Cemented with 1200 SX
<div> <div>5 1/2"</div> <div>TO 8429'</div> </div>	TOC: 819 feet determined by 50% calc
	Hole size: 12-1/4"
	<u>Long String</u>
	Size: 5-1/2" Cemented with 800 SX
	TOC: 4071 feet determined by 80% calc
	Hole size: 7-7/8"
	Total Depth: 8429'
	<u>Injection Interval</u>

- feet to - feet
(perforated or open-hole, indicate which)

Tubing size - lined with - set in a - packer
at - feet. (Or describe any other casing-tubing seal).

Other Data

- Name of the injection formation:
 - Name of Field or Pool (If applicable) Lovington Abo
 - Is this a new well drilled for Injection? No
If no, for what purpose was the well originally drilled? Production
 - Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging details (sacks of cement or bridge plug(s) used).
-
5. Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area.
- (Above) Drinkard
-

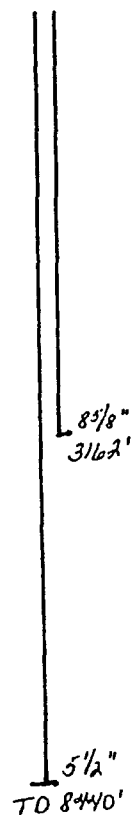
INJECTION WELL DATA SHEET

89

Texaco	State "0"			
OPERATOR	LEASE			
23	990' FSL & 990' FEL	31	16S	37E
WELL NO.	FOOTAGE LOCATION	SEC.	TOWNSHIP	RANGE

Tubular Data

Completed
11-6-54



Surface Casing

Size: 8-5/8" Cemented with 1575 SX

TOC: Surface feet determined by calc

Hole size: 11"

Intermediate Casing

Size: Cemented with SX

TOC: feet determined by

Hole size:

Long String

Size: 5-1/2" Cemented with 875 SX

TOC: 3673 feet determined by 80% calc

Hole size: 7-7/8"

Total Depth: 8440'

Injection Interval

- feet to - feet
(perforated or open-hole, indicate which)

Tubing size - lined with - set in a - packer

at - feet. (Or describe any other casing-tubing seal).

Other Data

1. Name of the injection formation:
2. Name of Field or Pool (If applicable) Lovington Drinkard
3. Is this a new well drilled for Injection? No
If no, for what purpose was the well originally drilled? Production
4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging details (sacks of cement or bridge plug(s) used).
5. Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area.

(Above) Glorieta

INJECTION WELL DATA SHEET

Texaco		State "0"		
OPERATOR		LEASE		
25	1980' FNL & 660' FEL	31	16S	37E
WELL NO.	FOOTAGE LOCATION	SEC.	TOWNSHIP	RANGE

Tubular Data

Completed
6-26-65

Surface Casing

Size: 8-5/8" Cemented with 925 SX

TOC: Surface feet determined by ^{Circ}~~calc~~

Hole size: 11"

Intermediate Casing

Size: Cemented with SX

TOC: feet determined by

Hole size:

Long String

Size: 4-1/2" Cemented with 750 SX

TOC: ³²⁹² feet determined by ^{Temp Survey}~~80% calc~~

Hole size: 7-7/8"

Total Depth: 6400'

Injection Interval

- feet to - feet
(perforated or open-hole, indicate which)

Tubing size - lined with - set in a - packer
at - feet. (Or describe any other casing-tubing seal).

Other Data

1. Name of the injection formation:
2. Name of Field or Pool (If applicable) Lovington Paddock
3. Is this a new well drilled for Injection? No
If no, for what purpose was the well originally drilled? Production
4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging details (sacks of cement or bridge plug(s) used).

5. Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area.

Glorieta (Overlying)

INJECTION WELL DATA SHEET

<u>Getty Terao</u>		State "0"		
OPERATOR		LEASE		
26	660' FNL & 660' FEL	31	16S	37E
WELL NO.	FOOTAGE LOCATION	SEC.	TOWNSHIP	RANGE

Tubular Data

Completed
8-18-65

Surface Casing

Size: 8-5/8" Cemented with 1200 SX

TOC: Surface feet determined by ^{Circ}~~calc~~

Hole size: 11"

Intermediate Casing

Size: Cemented with SX

TOC: feet determined by

Hole size:

Long String

Size: 4-1/2" Cemented with 950 SX

TOC: 2468 feet determined by ³²⁵⁵~~80% calc~~ ^{True Survey}

Hole size: 7-7/8"

Total Depth: 6405'

Injection Interval

- feet to - feet
(perforated or open-hole, indicate which)

Tubing size - lined with - set in a - packer

at - feet. (Or describe any other casing-tubing seal).

Other Data

1. Name of the injection formation:
2. Name of Field or Pool (If applicable) Lovington Paddock
3. Is this a new well drilled for Injection? No
If no, for what purpose was the well originally drilled? Production
4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging details (sacks of cement or bridge plug(s) used).

5. Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area.

Glorieta (Overlying)

INJECTION WELL DATA SHEET

Greenhill Petroleum Corporation		Lovington San Andres Unit		
OPERATOR		LEASE		
#18	1980 FSL & 330 FWL	32	T16S	R37E
WELL NO.	FOOTAGE LOCATION	SEC.	TOWNSHIP	RANGE

Tubular DataSurface CasingSize: 13 3/8 " Cemented with 300 SXTOC: Surface feet determined by calcHole size: 17 1/4Intermediate CasingSize: 8 5/8 " Cemented with 500 SXTOC: 565 feet determined by Hole Size: 11Long StringSize: 5 1/2 " Cemented with 400 SXTOC: 1787 feet determined by 80% calcHole Size: 7 3/8Total Depth: 4900'Injection Interval4655 feet to 4900 feet
(perforated or open-hole, indicate which)

Tubing size 2" lined with IPC set in a
(material)
packer at 4591 feet.
(brand & model)
(or describe any other casing-tubing seal).

Other Data

- Name of the injection formation San Andres
- Name of Field or Pool (If applicable) Lovington San Andres
- Is this a new well drilled for injection? No
If no, for what purpose was the well originally drilled? Production
- Has the well ever be perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used).
No
- Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area.
Underlying - Grayburg

Completed
1/27/47Converted to
Injection
3/16/6313 3/8"
318'8 5/8"
2096'5 1/2"
4655'

4900'

INJECTION WELL DATA SHEET

Greenhill Petroleum Corporation		Lovington San Andres Unit		
OPERATOR		LEASE		
#19	660 FSL 330 FWL 1980 FNL & 2310 FEL	32	T16S	R37E
WELL NO.	FOOTAGE LOCATION	SEC.	TOWNSHIP	RANGE

Tubular Data

Surface Casing

Size: 13 3/8 ". Cemented with 200 SX

TOC: Surface feet determined by calc

Hole size: 17 1/4

Intermediate Casing

Size: 8 5/8 ~ Cemented with 300 SX

TOC: 1193 feet determined by 50% calc.

Hole Size: 11

Long String

Size: 5 1/2 " Cemented with 300 SX

TOC: 2982 feet determined by 80% calc

Hole Size: 7 7/8

Total Depth: 4946'

Infection Interval

 feet to feet
(perforated or open-hole, indicate which)

Tubing size _____ lined with _____ set in a
 _____ (material)
 _____ packer at _____ feet.
 (brand & model)
 (or describe any other casing-tubing seal).

Other Data

1. Name of the injection formation San Andres
2. Name of Field or Pool (If applicable) Lovington San Andres
3. Is this a new well drilled for injection? No
If no, for what purpose was the well originally drilled? Production
4. Has the well ever be perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used).
No
5. Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area.
Underlying - Grayburg

INJECTION WELL DATA SHEET

Texaco		State "P"		
OPERATOR		LEASE		
2	1980' FSL & 380' FWL	32	16S	37E
WELL NO.	FOOTAGE LOCATION	SEG.	TOWNSHIP	RANGE

Tubular Data

Completed
11-25-52

Surface Casing

Size: 13-3/8" Cemented with 350 300 SX

TOC: Surface feet determined by Calc.

Hole size: 17-1/2"

Intermediate Casing

Size: 9-5/8" Cemented with 1300 SX

TOC: Surface feet determined by calc

Hole Size: 12-1/4"

Long String

Size: 7" Cemented with 400 SX

TOC: 2850 feet determined by temp survey

Hole Size: 8-3/4"

Total Depth: 8444'

Injection Interval

- feet to - feet
(perforated or open-hole, indicate which)

Tubing size - lined with - set in a
(material)
packer at - feet.
(brand & model)
(or describe any other casing-tubing seal).

Other Data

- Name of the injection formation -
- Name of Field or Pool (If applicable) Lovington Abo Padlock
- Is this a new well drilled for injection? No
If no, for what purpose was the well originally drilled? Production
- Has the well ever be perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used).
-
- Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area.
Above Drinkard

5 1/2"

13 3/8"

335'

7 5/8"

3449'

7"

8444'

8357'

7 inch liner
3345-8444

5 1/2 inch casing
from 0' to 8357'
and 1/2 315 SX
est TOC above
liner top

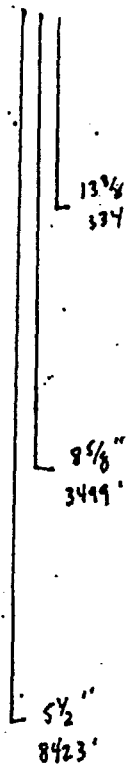
92
P

INJECTION WELL DATA SHEET

Texaco	State "P"			
OPERATOR	LEASE			
3-28	800' FSL & 330' FWL	32	16S	37E
WELL NO.	FOOTAGE LOCATION	SEC.	TOWNSHIP	RANGE

Tubular Data

Completed
3-28-54



Surface Casing

Size: 13-3/8" Cemented with 350 SX

TOC: Surface feet determined by calc

Hole size: 17-1/2"

Intermediate Casing

Size: 8-5/8" Cemented with 1250 SX

TOC: Surface feet determined by calc

Hole Size: 11"

Long String

Size: 5-1/2" Cemented with 650 SX

TOC: 5210 feet determined by C-103

Hole Size: 7-7/8"

Total Depth: 8423'

Injection Interval

_____ feet to _____ feet
(perforated or open-hole, indicate which)

Tubing size _____ lined with _____ set in a
_____ (material)
_____ packer at _____ feet.
(brand & model)
(or describe any other casing-tubing seal).

Other Data

1. Name of the injection formation _____
2. Name of Field or Pool (If applicable) Lovington Abo
3. Is this a new well drilled for injection? No
If no, for what purpose was the well originally drilled? Production
4. Has the well ever be perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used).

5. Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area.
Above Drinkard

INJECTION WELL DATA SHEET

Texaco Producing Inc State P
 OPERATOR LEASE
4 1650 N 8 990 W 32 -165 37E
 WELL NO. FOOTAGE LOCATION SECTION TOWNSHIP RANGE

Schematic

Tabular Data

8 5/8 13 3/8
33 1/3 5 1/2 3495
8414

Surface Casing
 Size 13 3/8 " Cemented with 350 sx.
 TOC Surface feet determined by Circ
 Hole size 17 3/4

Intermediate Casing
 Size 8 5/8 " Cemented with 1250 sx.
 TOC 590 feet determined by file
 Hole size 11

Long string
 Size 5 1/2 liner " Cemented with 532 sx.
 TOC 4550 feet determined by file
 Hole size 7 7/8
 Total depth 8415
 Injection interval
 _____ feet to _____ feet
 (perforated or open-hole, indicate which)

Tubing size _____ lined with _____ set in a
 _____ (material)
 _____ packer at _____ feet
 _____ (brand and model)
 (or describe any other casing-tubing seal).

Other Data

- Name of the injection formation _____
- Name of Field or Pool (if applicable) _____
- Is this a new well drilled for injection? ☒ Yes ☐ No
 If no, for what purpose was the well originally drilled? _____
- Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used) _____
- Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area. _____

INJECTION WELL DATA SHEET

✓ OPERATOR Texaco Producing Inc LEASE State P
WELL NO. 6 FOOTAGE LOCATION 1650 S 1650 W SECTION 32 TOWNSHIP 16 S RANGE 37 E

SchematicTabular Data

8 7/8" | 13 3/8" Surface Casing
Size 13 3/8 " Cemented with 350 sx.
TOC Surface feet determined by Circ
Hole size 17 3/4
287" | Intermediate Casing
Size 8 5/8 " Cemented with 1200 sx.
TOC 1120 feet determined by file
Hole size 11
Long string
Size 5 1/2 liner " Cemented with 700 sx.
3333 | TOC 4080 feet determined by file
3499" | Hole size 7 7/8
Total depth 8420
Injection interval
_____ feet to _____ feet
(perforated or open-hole, indicate which)
8419" |
D8420

Tubing size _____ lined with _____ set in a
(material)
_____ packer at _____ feet
(brand and model)
(or describe any other casing-tubing seal).

Other Data

- Name of the injection formation _____
- Name of Field or Pool (if applicable) _____
- Is this a new well drilled for injection? ☐ Yes ☐ No
If no, for what purpose was the well originally drilled? _____
- Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used) _____
- Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area. _____

INJECTION WELL DATA SHEET

Texaco Producing Inc.
~~Tidewater Oil Company~~ State "P"

OPERATOR	1980' FNL & 660' FWL		LEASE	16S	37E
11			32		
WELL NO.	FOOTAGE LOCATION	SEC.	TOWNSHIP	RANGE	

Tubular Data

Completed
 3-22-65

<div style="border-left: 1px solid black; height: 100%; position: relative;"> <div style="position: absolute; top: 0; left: -10px;">8 5/8"</div> <div style="position: absolute; top: 50%; left: -10px;">2099'</div> <div style="position: absolute; bottom: 0; left: -10px;">5 1/2"</div> <div style="position: absolute; bottom: 50%; left: -10px;">6399'</div> <div style="position: absolute; bottom: 0; left: -10px;">TO 6400'</div> </div>	<u>Surface Casing</u>
	Size: 8-5/8" Cemented with 1450 SX
	TOC: Surface feet determined by <i>Circ</i> calc
	Hole size: 12-1/4"
	<u>Intermediate Casing</u>
	Size: Cemented with SX
	TOC: feet determined by
	Hole size:
	<u>Long String</u>
	Size: 5-1/2" Cemented with 1450 SX
TOC: Surface feet determined by <i>Circ</i> 80% calc	
Hole size: 7-7/8"	
Total Depth: 6400'	
<u>Injection Interval</u>	
- feet to - feet (perforated or open-hole, indicate which)	

Tubing size - lined with - set in a - packer
 at - feet. (Or describe any other casing-tubing seal).

Other Data

- Name of the injection formation:
 - Name of Field or Pool (If applicable) Lovington Paddock
 - Is this a new well drilled for Injection? No
 If no, for what purpose was the well originally drilled? Production
 - Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging details (sacks of cement or bridge plug(s) used).
-
5. Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area.
Above Glorieta

INJECTION WELL DATA SHEET

Amerada Hess		State L "A"		
OPERATOR	LEASE			
8	560' FNL & 660' FEL	1	17S	36E
WELL NO.	FOOTAGE LOCATION	SEC.	TOWNSHIP	RANGE

Tubular Data

Completed
5-3-52

<div style="display: flex; align-items: center;"> <div style="border-left: 2px solid black; height: 100%; margin-right: 5px;"></div> <div style="display: flex; flex-direction: column; justify-content: space-around; align-items: center;"> <div>13 3/8</div> <div>290</div> <div>8 5/8</div> <div>3198</div> <div>5 1/2</div> <div>8342</div> <div>TD</div> <div>8430</div> </div> </div>	<u>Surface Casing</u>
	Size: <u>13-3/8</u> " Cemented with <u>225</u> SX
	TOC: <u>Surface</u> feet determined by <u>calc</u>
	Hole size: <u>17-1/2"</u>
	<u>Intermediate Casing</u>
	Size: <u>8-5/8</u> " Cemented with <u>1000</u> SX
	TOC: <u>1497</u> <u>3063</u> feet determined by <u>TS</u> <u>507 calc</u>
	Hole Size: <u>11"</u>
	<u>Long String</u>
	Size: <u>5-1/2</u> " Cemented with <u>600</u> SX
TOC: <u>4975</u> feet determined by <u>temp survey</u>	
Hole Size: <u>7-7/8"</u>	
Total Depth: <u>8430'</u>	

Injection Interval

_____ feet to _____ feet
(perforated or open-hole, indicate which)

Tubing size _____ lined with _____ set in a
(material)
_____ packer at _____ feet.
(brand & model)
(or describe any other casing-tubing seal).

Other Data

- Name of the injection formation _____
- Name of Field or Pool (If applicable) Lovington Abo
- Is this a new well drilled for injection? No
If no, for what purpose was the well originally drilled? Production
- Has the well ever be perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used).

- Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area.
Above Drinkard

108
P

INJECTION WELL DATA SHEET

Amerada Hess		State L "A"		
OPERATOR		LEASE		
9	660' FNL & 1880' FEL	1	17S	36E
WELL NO.	FOOTAGE LOCATION	SEC.	TOWNSHIP	RANGE

Tubular Data

Completed
6-24-52

<div>13 3/8 295'</div> <div>2 5/8 374 3/4'</div> <div>5 1/2 9335'</div> <div>8440' TD</div>	<u>Surface Casing</u>
	Size: <u>13-3/8</u> " Cemented with <u>225</u> SX
	TOC: <u>Surface</u> feet determined by <u>calc</u> ^{Circ.}
	Hole size: <u>17-1/2"</u>
	<u>Intermediate Casing</u>
	Size: <u>8-5/8</u> " Cemented with <u>1500</u> SX
	TOC: <u>Surface</u> ^{1245'} feet determined by <u>calc</u> ^{TS}
	Hole Size: <u>11"</u>
	<u>Long String</u>
	Size: <u>5-1/2</u> " Cemented with <u>600</u> SX
TOC: <u>5597</u> feet determined by <u>temp survey</u>	
Hole Size: <u>7-7/8"</u>	
Total Depth: <u>8440'</u>	
<u>Injection Interval</u>	
<u>-</u> feet to <u>-</u> feet (perforated or open-hole, indicate which)	

Tubing size - lined with - set in a
(material)
packer at - feet.
(brand & model)
(or describe any other casing-tubing seal).

Other Data

- Name of the injection formation -
- Name of Field or Pool (If applicable) Lovington Abo
- Is this a new well drilled for injection? No
If no, for what purpose was the well originally drilled? Production
- Has the well ever be perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used).
-
- Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area.
Above Drinkard

INJECTION WELL DATA SHEET

Amerada Hess

State L"A"

OPERATOR		LEASE		
10	1650' FNL & 660' FEL	1	17S	36E
WELL NO.	FOOTAGE LOCATION	SEC.	TOWNSHIP	RANGE

Tubular Data

Completed
11-7-52

13 1/8
295'
8 5/8
3749'
5 1/2
8334'
8435'
TD

Surface Casing

Size: 13-3/8 " Cemented with 225. SX

TOC: Surface feet determined by ^{Circ}calc

Hole size: 17-1/2"

Intermediate Casing

Size: 8-5/8 " Cemented with 1500 SX

TOC: ¹³⁴⁶Surface feet determined by ^{TS}calc

Hole Size: 11"

Long String

Size: 5-1/2 " Cemented with 600 SX

TOC: 4972 feet determined by temp survey

Hole Size: 7-7/8"

Total Depth: 8435'

Injection Interval

feet to feet
(perforated or open-hole, indicate which)

Tubing size lined with set in a
(material)
packer at feet.
(brand & model)
(or describe any other casing-tubing seal).

Other Data

- Name of the injection formation
- Name of Field or Pool (If applicable) Lovington Abo
- Is this a new well drilled for injection? No
If no, for what purpose was the well originally drilled? Production
- Has the well ever be perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used.
- Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area.

INJECTION WELL DATA SHEET

Amerada Hess		State L "A"		
OPERATOR		LEASE		
11	1650' FNL & 1980' FEL	1	17S	36E
WELL NO.	FOOTAGE LOCATION	SEC.	TOWNSHIP	RANGE

Tubular Data

Completed
1-4-53

13 3/8
298'

8 5/8
3750

5 1/2
8300

70
8440

Surface Casing

Size: 13-3/8" Cemented with 250 SX

TOC: Surface feet determined by calc

Hole size: 17-1/2"

Intermediate Casing

Size: 8-5/8" Cemented with 1500 SX

TOC: 1261 Surface feet determined by TS calc

Hole Size: 11"

Long String

Size: 5-1/2" Cemented with 600 SX

TOC: 4908 feet determined by temp survey

Hole Size: 7-7/8"

Total Depth: 8440'

Injection Interval

feet to feet
(perforated or open-hole, indicate which)

Tubing size lined with set in a
(material)
packer at feet.
(brand & model)
(or describe any other casing-tubing seal).

Other Data

- Name of the injection formation
- Name of Field or Pool (If applicable) Lovington Abo
- Is this a new well drilled for injection? No
If no, for what purpose was the well originally drilled? Production
- Has the well ever be perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used.
- Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area.
Above Drinkard

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P

INJECTION WELL DATA SHEET

Amerada Hess		State L "A"		
OPERATOR		LEASE		
12	2310' FSL & 2310' FWL	1	17S	36E
WELL NO.	FOOTAGE LOCATION	SEC.	TOWNSHIP	RANGE

Tubular Data

Completed
2-23-53

<div>13 7/8 298</div> <div>8 5/8 3750</div> <div>5 1/2 8325</div> <div>TD 8440</div>	<u>Surface Casing</u>	
	Size:	13-3/8" Cemented with 250 SX
	TOC:	Surface feet determined by <u>calc</u> ^{CIRC}
	Hole size:	17-1/2"
	<u>Intermediate Casing</u>	
	Size:	8-5/8" Cemented with 1500 SX
	TOC:	¹⁵³⁹ Surface feet determined by <u>calc</u> ^{TS}
	Hole Size:	11"
	<u>Long String</u>	
	Size:	5-1/2" Cemented with 600 SX
	TOC:	5614 feet determined by <u>temp survey</u>
	Hole Size:	7-7/8"
Total Depth: 8440'		
<u>Injection Interval</u>		
- feet to - feet (perforated or open-hole, indicate which)		

Tubing size _____ lined with _____ set in a
(material)
_____ packer at _____ feet.
(brand & model)
(or describe any other casing-tubing seal).

Other Data

- Name of the injection formation _____
- Name of Field or Pool (If applicable) Lovington Abo
- Is this a new well drilled for injection? No
If no, for what purpose was the well originally drilled? Production
- Has the well ever be perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used).

- Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area.
Above Drinkard

J SWD
TA

150

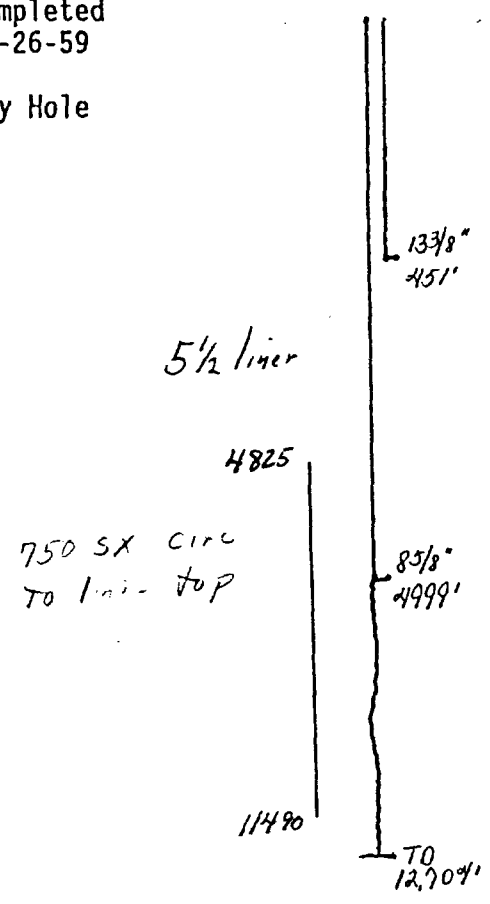
INJECTION WELL DATA SHEET

Araho		State L "C"		
OPERATOR		LEASE		
SWD 1-I	2190' FSL & 560' FEL	1	17S	36E
WELL NO.	FOOTAGE LOCATION	SEC.	TOWNSHIP	RANGE

Tubular Data

Completed
11-26-59

Dry Hole
TA



Surface Casing
Size: 13-3/8" Cemented with 450 SX
TOC: Surface feet determined by ^{Circ} calc
Hole size: 17-1/2"
Intermediate Casing
Size: Cemented with SX
TOC: feet determined by
Hole size:
Long String
Size: 8-5/8" Cemented with 1500 SX
TOC: ²⁷⁶⁵ Surface feet determined by ^{TS} ~~80%~~ calc
Hole size: 11"
Total Depth: 12,704
Injection Interval
- feet to - feet
(perforated or open-hole, indicate which)

Tubing size - lined with - set in a - packer
at - feet. (Or describe any other casing-tubing seal).

Other Data

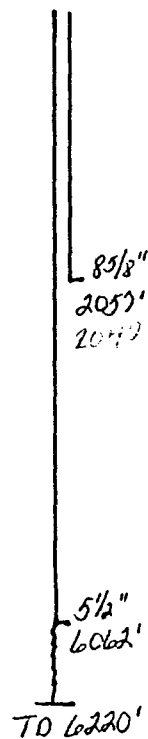
1. Name of the injection formation:
2. Name of Field or Pool (If applicable)
3. Is this a new well drilled for Injection?
If no, for what purpose was the well originally drilled? Production
4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging details (sacks of cement or bridge plug(s) used).
5. Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area.

INJECTION WELL DATA SHEET

Greenhill Petroleum Corporation		Lovington Paddock		
OPERATOR		LEASE		
#46	660' FNL & 990' FWL	1	17S	36E
WELL NO.	FOOTAGE LOCATION	SEC.	TOWNSHIP	RANGE

Tubular Data

Spud Date
11-20-54



Surface Casing

Size: 8-5/8" Cemented with 1250 SX
 TOC: Surface feet determined by ^{CITC} ~~cat~~
 Hole size: 12 1/4"

Intermediate Casing

Size: Cemented with SX
 TOC: feet determined by
 Hole size:

Long String

Size: 5-1/2" Cemented with 350 SX
 TOC: ³²⁰⁰ 3077 feet determined by ^{file} temp survey
 Hole size: 7-7/8"

Total Depth: 6220'

Injection Interval

- feet to - feet
 (perforated or open-hole, indicate which)

Tubing size - lined with IPC set in a - packer
 at - feet. (Or describe any other casing-tubing seal).

Other Data

- Name of the injection formation:
- Name of Field or Pool (If applicable) Paddock
- Is this a new well drilled for Injection? No
 If no, for what purpose was the well originally drilled? Production
- Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging details (sacks of cement or bridge plug(s) used).
No
- Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area.
Above Glorieta

INJECTION WELL DATA SHEET

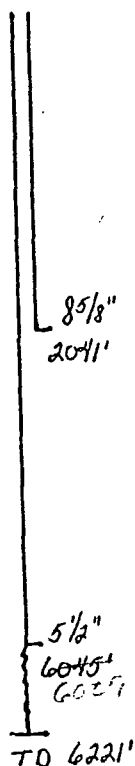
Greenhill Petroleum Corporation

Lovington Paddock

OPERATOR	LEASE			
#47	1	17S	36E	
WELL NO.	FOOTAGE LOCATION	SEC.	TOWNSHIP	RANGE

Tubular Data

Completed
9-04-54



Surface Casing

Size: 8-5/8" Cemented with ¹²⁰⁰~~1000~~ SX

TOC: Surface feet determined by ^{calc}~~calc~~

Hole size:

Intermediate Casing

Size: Cemented with SX

TOC: feet determined by

Hole size:

Long String

Size: 5-1/2" Cemented with ³⁰⁰~~182~~ SX

TOC: ⁴¹⁴⁷~~5053~~ feet determined by ^{TS file}~~calc~~

Hole size: 7-7/8"

Total Depth: 6221'

Injection Interval

6045 feet to 6221 feet
(perforated or open-hole, indicate which)

Tubing size 2-3/8" lined with IPC set in a - packer

at 5957 feet. (Or describe any other casing-tubing seal).

Other Data

- Name of the injection formation: Paddock
- Name of Field or Pool (If applicable) Paddock
- Is this a new well drilled for Injection? No
If no, for what purpose was the well originally drilled? Production
- Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging details (sacks of cement or bridge plug(s) used).
No
- Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area.
Above Glorieta

INJECTION WELL DATA SHEET

110

Greenhill Petroleum Corporation		Lovington Paddock		
OPERATOR		LEASE		
#48	660' FNL & 2080' FEL	1	17S	36E
WELL NO.	FOOTAGE LOCATION	SEC.	TOWNSHIP	RANGE

Tubular Data

Surface Casing

Size: 13-3/8" Cemented with 300 SX

TOC: Surface feet determined by calc^{CIRC}

Hole size: 17 1/2

Intermediate Casing

Size: 8-5/8" Cemented with 1500 SX

TOC: 602 feet determined by temp survey

Hole size: 11

Long String

Size: 5-1/2" Cemented with 550 SX

TOC: 3712 feet determined by temp survey

Hole size: 7 1/2

Total Depth: 6235'

Injection Interval

- feet to - feet
(perforated or open-hole, indicate which)

Tubing size - lined with - set in a - packer
at - feet. (Or describe any other casing-tubing seal).

Other Data

- Name of the injection formation:
- Name of Field or Pool (If applicable) Paddock
- Is this a new well drilled for Injection? No
If no, for what purpose was the well originally drilled? Production
- Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging details (sacks of cement or bridge plug(s) used).
No
- Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area.
Above Glorieta

INJECTION WELL DATA SHEET

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Greenhill Petroleum Corporation

Lovington Paddock

OPERATOR

LEASE

#49

760 FNL & 660 FEL

1

17S

36E

WELL NO.

FOOTAGE LOCATION

SEC.

TOWNSHIP

RANGE

Tubular Data

Completed
8-18-53

Converted to
Injection 12/66

Surface Casing

Size: 13-3/8" Cemented with 300 SX

TOC: Surface feet determined by calc ^{CIRC}

Hole size: 17-1/2"

13 3/8"
297'

Intermediate Casing

Size: 8-5/8" Cemented with 1500 SX

TOC: ³⁹⁰ Surface feet determined by ^{TS} calc

Hole size: 11"

8 5/8"
3723'

Long String

Size: 5-1/2" Cemented with 550 SX

TOC: ³⁷²⁴ 3019 feet determined by ^{TS} 80% calc

Hole size: 7-7/8"

5 1/2"
6015'

Total Depth: 6240'

TD 6240'

Injection Interval

6015 feet to 6140 feet
(perforated or open-hole, indicate which)

Tubing size 2-3/8" lined with IPC set in a - packer

at 5921 feet. (Or describe any other casing-tubing seal).

Other Data

1. Name of the injection formation: Paddock
2. Name of Field or Pool (If applicable) Paddock
3. Is this a new well drilled for Injection? No
If no, for what purpose was the well originally drilled? Production
4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging details (sacks of cement or bridge plug(s) used).
No
5. Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area.
Above Glorieta

INJECTION WELL DATA SHEET

Greenhill Petroleum Corporation		Lovington Paddock		
OPERATOR		LEASE		
#58	1980' FNL & 560' FEL	1	17S	36E
WELL NO.	FOOTAGE LOCATION	SEC.	TOWNSHIP	RANGE

Tubular Data

Spud Date
10-53

Surface Casing
Size: 13-3/8" Cemented with 300 SX
TOC: Surface feet determined by ^{CIRC} calc
Hole size: 17 1/2"
Intermediate Casing
Size: 8-5/8" Cemented with 1500 SX
TOC: 588 feet determined by temp survey
Hole size: 11"
Long String
Size: 5-1/2" Cemented with ⁵⁵⁰ 500 SX
TOC: 3795 feet determined by temp survey
Hole size: 7 7/8"
Total Depth: 6235
Injection Interval
- feet to - feet
(perforated or open-hole, indicate which)

Tubing size - lined with - set in a - packer
at - feet. (Or describe any other casing-tubing seal).

Other Data

- Name of the injection formation:
- Name of Field or Pool (If applicable) Paddock
- Is this a new well drilled for Injection? No
If no, for what purpose was the well originally drilled? Production
- Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging details (sacks of cement or bridge plug(s) used).
No
- Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area.
Above Glorieta

INJECTION WELL DATA SHEET

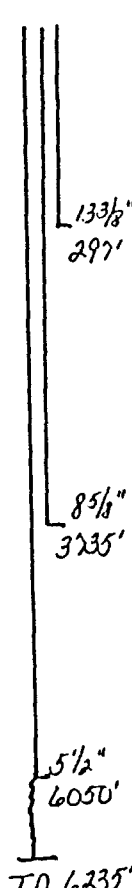
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Greenhill Petroleum Corporation		Lovington Paddock		
OPERATOR	2020	LEASE		
#59	1650' FNL & 1980' FEL	1	17S	36E
WELL NO.	FOOTAGE LOCATION	SEC.	TOWNSHIP	RANGE

Tubular Data

Completed
10-19-53

Converted to
Injection 9-73

Surface Casing

Size: 13-3/8" Cemented with 300 SX

TOC: Surface feet determined by calc ^{CIRC}

Hole size: 17 1/2"

Intermediate Casing

Size: 8-5/8" Cemented with 1500 SX

TOC: Surface feet determined by calc ^{TS}

Hole size: 11"

Long String

Size: 5-1/2" Cemented with 550 SX

TOC: 3054 feet determined by calc ^{TS}

Hole size: 7-7/8"

Total Depth: 6235

Injection Interval

6050 feet to 6235 feet
(perforated or open-hole, indicate which)

Tubing size 3" lined with IPC set in a - packer
at 5991 feet. (Or describe any other casing-tubing seal).

Other Data

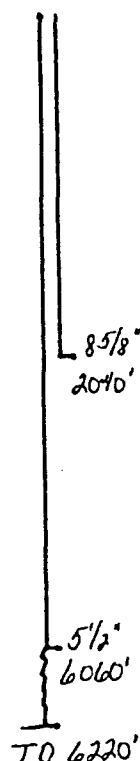
- Name of the injection formation: Paddock
- Name of Field or Pool (If applicable) Paddock
- Is this a new well drilled for Injection? No
If no, for what purpose was the well originally drilled? Production
- Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging details (sacks of cement or bridge plug(s) used).
No
- Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area.
Above Glorieta

INJECTION WELL DATA SHEET

Greenhill Petroleum Corporation		Lovington Paddock		
OPERATOR		LEASE		
#60	1980' FNL & 2310' FWL	1	17S	36E
WELL NO.	FOOTAGE LOCATION	SEC.	TOWNSHIP	RANGE

Tubular Data

Spud Date
10-11-54

Surface Casing

Size: 8-5/8" Cemented with 1200 SX

TOC: Surface feet determined by ^{CIRC} ~~calc~~

Hole size: 12 1/4

Intermediate Casing

Size: Cemented with SX

TOC: feet determined by

Hole size:

Long String

Size: 5-1/2" Cemented with 350 SX

TOC: 3841 feet determined by temp ^{file} survey

Hole size: 7 1/8

Total Depth: 6220'

Injection Interval

- feet to - feet
(perforated or open-hole, indicate which)

Tubing size - lined with IPC set in a - packer

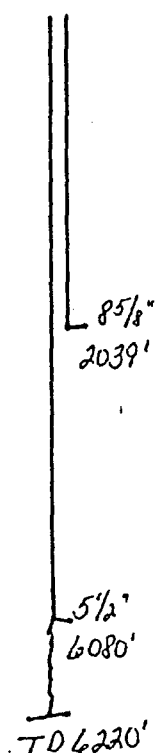
at - feet. (Or describe any other casing-tubing seal).

Other Data

- Name of the injection formation:
- Name of Field or Pool (If applicable) Paddock
- Is this a new well drilled for Injection? No
If no, for what purpose was the well originally drilled? Production
- Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging details (sacks of cement or bridge plug(s) used).
No
- Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area.
Above Glorieta

INJECTION WELL DATA SHEET

Greenhill Petroleum Corporation		Lovington Paddock		
OPERATOR		LEASE		
#61	990' FWL & ¹⁹⁸⁰ 2310' FNL	1	17S	36E
WELL NO.	FOOTAGE LOCATION	SEC.	TOWNSHIP	RANGE

Tubular DataSurface Casing

Size: 8-5/8" Cemented with 1000 SX

TOC: Surface feet determined by calc

Hole size: 12 1/4

Intermediate Casing

Size: Cemented with SX

TOC: feet determined by

Hole size:

Long String

Size: 5-1/2" Cemented with 220- SX

TOC: ³⁷⁰⁰~~4490~~ feet determined by ^{temp survey}~~80% calc~~ file

Hole size: 7-7/8"

Total Depth: 6220'

Injection Interval6080 feet to 6220 feet
(perforated or open-hole, indicate which)

Tubing size 2-3/8" lined with IPC set in a - packer
at 6045 feet. (Or describe any other casing-tubing seal).

Other Data

- Name of the injection formation: Paddock
- Name of Field or Pool (If applicable) Paddock
- Is this a new well drilled for Injection? No
If no, for what purpose was the well originally drilled? Production
- Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging details (sacks of cement or bridge plug(s) used).
No
- Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area.
Above Glorieta

INJECTION WELL DATA SHEET

Greenhill Petroleum Corporation		Lovington Paddock		
OPERATOR		LEASE		
#63	1980' FSL & 990' FWL	1	17S	36E
WELL NO.	FOOTAGE LOCATION	SEC.	TOWNSHIP	RANGE

Tubular Data

Spud Date
5-19-53

<div> <div>13 3/8"</div> <div>297'</div> </div>	<u>Surface Casing</u>
	Size: 13-3/8" Cemented with 300 SX
	TOC: Surface feet determined by calc ^{CIRC}
<div> <div>8 5/8"</div> <div>3250'</div> </div>	Hole size: 17 1/2
	<u>Intermediate Casing</u>
	Size: 8-5/8" Cemented with 1500 SX
<div> <div>5 1/2"</div> <div>6088'</div> </div>	TOC: 879 feet determined by temp [✓] survey
	Hole size: 11
	<u>Long String</u>
<div> <div>TO 6250'</div> </div>	Size: 5-1/2" Cemented with 500 SX ⁶⁰⁰
	TOC: 3364 ³⁷⁴³ feet determined by 80% calc ^{TS}
	Hole size: 7-7/8" 7 1/4
	Total Depth: 6250'
	<u>Injection Interval</u>
	- feet to - feet (perforated or open-hole, indicate which)

Tubing size - lined with - set in a - packer
at - feet. (Or describe any other casing-tubing seal).

Other Data

- Name of the injection formation:
- Name of Field or Pool (If applicable) Paddock
- Is this a new well drilled for Injection? No
If no, for what purpose was the well originally drilled? Production
- Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging details (sacks of cement or bridge plug(s) used).
No
- Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area.
Above Glorieta

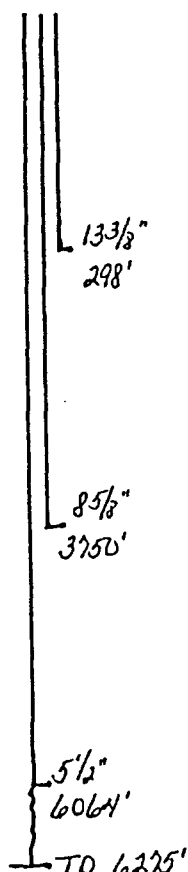
INJECTION WELL DATA SHEET

Greenhill Petroleum Corporation		Lovington Paddock		
OPERATOR		LEASE		
#64	1980' FSL & 1880' FWL	1	17S	36E
WELL NO.	FOOTAGE LOCATION	SEC.	TOWNSHIP	RANGE

Tubular Data

Completed
12-18-53

Converted to
Injection 12/66

Surface Casing

Size: 13-3/8" Cemented with ²⁹⁵300 SX

TOC: Surface feet determined by ^{CIRC}calc

Hole size: 11 1/2

Intermediate Casing

Size: 8-5/8" Cemented with 1500 SX

TOC: ⁶⁰⁷Surface feet determined by ^{TS}calc

Hole size: 11

Long String

Size: 5-1/2" Cemented with 550 SX

TOC: ³⁸³⁴3068 feet determined by ^{TS}80% calc

Hole size: 7-7/8"

Total Depth: 6275'

Injection Interval

6064 feet to 6275 feet
(perforated or open-hole, indicate which)

Tubing size 2-3/8" lined with IPC set in a - packer
at 5979 feet. (Or describe any other casing-tubing seal).

Other Data

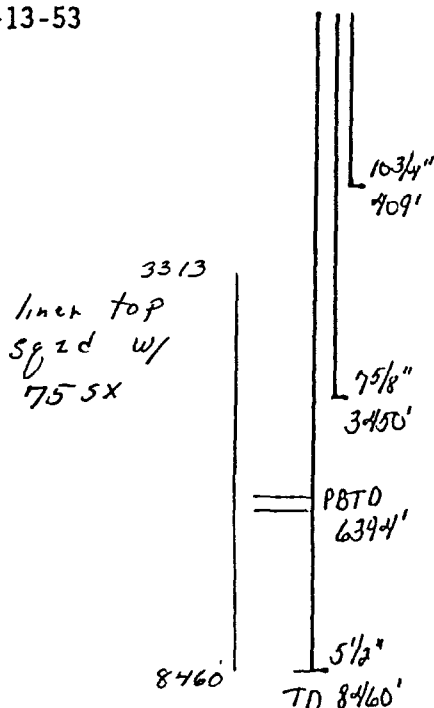
- Name of the injection formation: Paddock
- Name of Field or Pool (If applicable) Paddock
- Is this a new well drilled for Injection? No
If no, for what purpose was the well originally drilled? Production
- Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging details (sacks of cement or bridge plug(s) used).
No
- Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area.
Above Glorieta

INJECTION WELL DATA SHEET

Greenhill Petroleum Corporation		Lovington Paddock		
OPERATOR		LEASE		
#65	2310' FSL & 2310' FEL	1	17S	36E
WELL NO.	FOOTAGE LOCATION	SEC.	TOWNSHIP	RANGE

Tubular Data

Spud Date
6-13-53

Surface Casing

Size: 10-3/4" Cemented with 500 SX

TOC: Surface feet determined by ^{CIRC} calc

Hole size: 15

Intermediate Casing

Size: 7-5/8" Cemented with 1136 SX

TOC: Surface feet determined by calc

Hole size: 9 7/8

Long String

Size: 5-1/2" Cemented with 800 SX

TOC: 3780 feet determined by temp survey

Hole size: 6 3/4

Total Depth: 8460'

Injection Interval

- feet to - feet
(perforated or open-hole, indicate which)

Tubing size - lined with - set in a - packer
at - feet. (Or describe any other casing-tubing seal).

Other Data

1. Name of the injection formation:
2. Name of Field or Pool (If applicable) Paddock
3. Is this a new well drilled for Injection? No
If no, for what purpose was the well originally drilled? Production
4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging details (sacks of cement or bridge plug(s) used).
No
5. Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area.
Above Glorieta

INJECTION WELL DATA SHEET

151

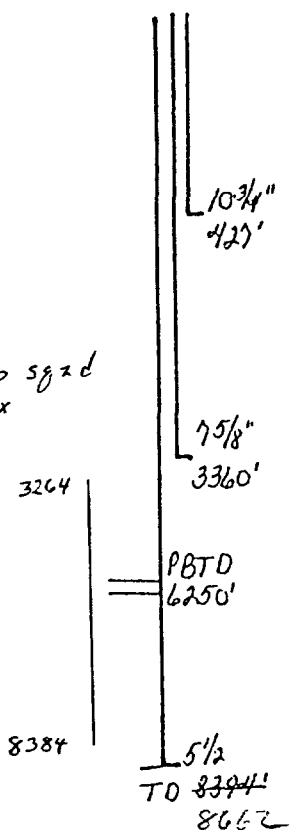
Greenhill Petroleum Corporation		Lovington Paddock		
OPERATOR	1980	LEASE		
#66	2080' FSL & 660' FEL	1	17S	36E
WELL NO.	FOOTAGE LOCATION	SEC.	TOWNSHIP	RANGE

Tubular Data

Completed
4-16-53

Converted to
Injection 12/66

liner top sgzd
w/ 200 SX



Surface Casing

Size: 10-3/4" Cemented with 500 SX

TOC: Surface feet determined by ~~calc~~ ^{Circ}

Hole size: 15

Intermediate Casing

Size: 7-5/8" Cemented with 2400 SX

TOC: Surface feet determined by ~~calc~~ ^{Circ}

Hole size: 9-7/8"

Long String

Size: 5-1/2" Cemented with 950 SX

TOC: Surface feet determined by ~~80% calc~~ ^{file}

Hole size: 6-3/4"

Total Depth: 8394' 8662

Injection Interval

6134 feet to 6240 feet
(perforated or open-hole, indicate which)

Tubing size 2-3/8" lined with IPC set in a - packer
at 6066 feet. (Or describe any other casing-tubing seal).

Other Data

1. Name of the injection formation: Paddock
2. Name of Field or Pool (If applicable) Paddock
3. Is this a new well drilled for Injection? No
If no, for what purpose was the well originally drilled? Production
4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging details (sacks of cement or bridge plug(s) used).
No
5. Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area.
Above Glorieta

165
P

INJECTION WELL DATA SHEET

<u>Greenhill Petroleum Corp.</u>		<u>Lovington Paddock</u>		
OPERATOR		LEASE		
<u>71</u>	<u>660 FSL & 660 FEL</u>	<u>1</u>	<u>T17S - R36E</u>	
WELL NO.	FOOTAGE LOCATION	SEC.	TOWNSHIP	RANGE

Tubular Data

Surface Casing

Size: 13 3/8 " Cemented with 350 ~~1950~~ SX

TOC: Surface feet determined by circulation

Hole size: 17 1/2

Intermediate Casing

Size: 8 5/8 " Cemented with 1950 SX

TOC: 175 ~~surface~~ feet determined by file ~~core~~

Hole Size: 11

Long String

Size: 5 1/2 " Cemented with 225 ~~560~~ SX

TOC: 5019 5000 feet determined by file ~~80% core~~

Hole Size: _____

Total Depth: 6300

Injection Interval

_____ feet to _____ feet
(perforated or open-hole, indicate which)

Tubing size _____ lined with _____ set in a
(material)
_____ packer at _____ feet.
(brand & model)
(or describe any other casing-tubing seal).

Other Data

- Name of the injection formation _____
- Name of Field or Pool (If applicable) Paddock
- Is this a new well drilled for injection? No
If no, for what purpose was the well originally drilled? production
- Has the well ever be perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used).
No
- Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area.

Above Glorieta

Spud 5/6/56

Top of liner 3269
8 5/8" 3390'
Top of liner 3255 SX
5 1/2" 560 SX
235 bottom

INJECTION WELL DATA SHEET

Greenhill Petroleum Corporation
OPERATOR

Lovington Paddock
LEASE

73
WELL NO.

853 FSL & 853 FWL
FOOTAGE LOCATION

1
SEC.

T17S-R36E
TOWNSHIP RANGE

Tubular Data

Surface Casing

Size: 13 3/8 " Cemented with .300 SX

TOC: Surface feet determined by Cate

Hole size: 17 1/2

Intermediate Casing

Size: 8 5/8 " Cemented with 1500 SX

TOC: 1145 feet determined by TS

Hole Size: 11

Long String

Size: 5 1/2 " Cemented with 500 SX

TOC: 3426 feet determined by TS

Hole Size: 7 7/8

Total Depth: 6248

Injection Interval

6105 feet to 6248 feet
(perforated or open-hole, indicate which)

Tubing size 2" lined with IPC set in a
(material)
packer at 6076 feet.
(brand & model)
(or describe any other casing-tubing seal).

Other Data

- Name of the injection formation Paddock
- Name of Field or Pool (IF applicable) Paddock
- Is this a new well drilled for injection? No
If no, for what purpose was the well originally drilled? production
- Has the well ever be perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used).
No
- Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area.

Above Glorietta

Completed
7/18/53
1/30/68
Converted
to injection

296
8 5/8
3747
5 1/2
6105
6248

163

INJECTION WELL DATA SHEET

Greenhill Petroleum Corp.
OPERATORLovington Paddock
LEASE85
WELL NO.1590 FWL & 1417 FNL
FOOTAGE LOCATIONSec. 1
SEC.T17S-R36E
TOWNSHIP RANGE

Tubular Data

Surface Casing

Size: 13 7/8 " Cemented with 500 SXTOC: Surface feet determined by Circ. Calc.13 7/8 Hole size: 17 1/2

349

Intermediate Casing

Size: 8 5/8 " Cemented with 900 SXTOC: 201 feet determined by 50% calc8 5/8
2459Hole Size: 11

Long String

Size: 5 1/2 " Cemented with 1230 SXTOC: Surface feet determined by 80% calc5 1/2
6363
TD
6400Hole Size: 7 7/8Total Depth: 6400

Injection Interval

_____ feet to _____ feet
(perforated or open-hole, indicate which)

Tubing size _____ lined with _____ set in a
(material)
_____ packer at _____ feet.
(brand & model)
(or describe any other casing-tubing seal).

Other Data

1. Name of the injection formation _____
2. Name of Field or Pool (if applicable) Lovington Paddock
3. Is this a new well drilled for injection? No
If no, for what purpose was the well originally drilled? production
4. Has the well ever be perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used).

5. Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area.
(above) Glorietta

INJECTION WELL DATA SHEET

Greenhill Petroleum Corporation		Lovington San Andres		
OPERATOR		LEASE		
#30	660 FNL & 660 FWL	1	T17S	R36E
WELL NO.	FOOTAGE LOCATION	SEC.	TOWNSHIP	RANGE

Tubular Data

Surface Casing

Size: 13 " Cemented with 200 SX
 TOC: Surface feet determined by circulation
 Hole size: 17 1/4

Intermediate Casing

Size: 8 5/8 " Cemented with 500 SX
 TOC: 1597 feet determined by 50% calc
 Hole Size: 12 "

Long String

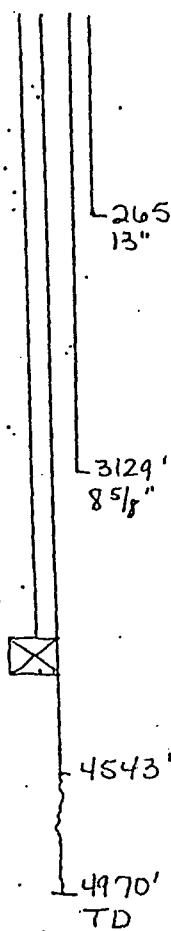
Size: 5 1/2 " Cemented with 300 SX
 TOC: 2910 feet determined by 80% calc
 Hole Size: 7 7/8 "

Total Depth: 4970 '

Injection Interval

4543 feet to 4970 feet
 (perforated or open-hole, indicate which)

Completed
12/2/39



Tubing size 2 " lined with IPC set in a
 (material)
Baker Model A packer at 4485 feet.
 (brand & model)
 (or describe any other casing-tubing seal).

Other Data

- Name of the injection formation San Andres
- Name of Field or Pool (If applicable) Lovington San Andres
- Is this a new well drilled for injection? No
 If no, for what purpose was the well originally drilled? Production
- Has the well ever be perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used).
No
- Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area.
Underlying - Grayburg

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INJECTION WELL DATA SHEET

Greenhill Petroleum Corporation		Lovington San Andres Unit		
OPERATOR		LEASE		
#32	660 FNL & 1980 FEL	1	T17S	R36E
WELL NO.	FOOTAGE LOCATION	SEC.	TOWNSHIP	RANGE

Tubular Data

Surface Casing

Size: 10 3/4" Cemented with 180 SX
 TOC: Surface feet determined by circulation
 Hole size: 13 3/4"

Intermediate Casing

Size: 7 5/8" Cemented with 265 SX
 TOC: 2200' feet determined by 50% calc
 Hole Size: 9 7/8"

Long String

Size: 5 1/2" Cemented with 200 SX
 TOC: 2326' feet determined by 80% calc
 Hole Size: 6 3/4"

Total Depth: 4900'

Injection Interval

4589 feet to 4900 feet
 (perforated or open-hole, indicate which)

Tubing size 2 3/8" lined with IPC set in a
 (material)
Baker "A" Pension packer at 4548 feet.
 (brand & model)
 (or describe any other casing-tubing seal).

Other Data

1. Name of the injection formation San Andres
2. Name of Field or Pool (IF applicable) Lovington San Andres
3. Is this a new well drilled for injection? No
 If no, for what purpose was the well originally drilled? Production
4. Has the well ever be perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used).
No
5. Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area.

Underlying - Grayburg

INJECTION WELL DATA SHEET

Greenhill Petroleum Corporation OPERATOR Lovington San Andres Unit LEASE

#33 WELL NO. 660 FNL & 660 FEL FOOTAGE LOCATION 1 SEC. T17S TOWNSHIP R36E RANGE

Tubular Data

Surface Casing

Size: 13 " Cemented with 200 SX

TOC: 94 feet determined by 70% calc

Hole size: 17 1/4"

Intermediate Casing

Size: 8 5/8 " Cemented with 250 SX

TOC: 2352 feet determined by 70% calc

Hole Size: 11"

Long String

Size: 5 1/2 " Cemented with 200 SX

TOC: 3702 feet determined by 70% calc

Hole Size: 7 7/8"

Total Depth: 4900'

Injection Interval

_____ feet to _____ feet
(perforated or open-hole, indicate which)

Tubing size _____ lined with _____ set in a
(material)
_____ packer at _____ feet.
(brand & model)
(or describe any other casing-tubing seal).

Other Data

- Name of the injection formation _____
- Name of Field or Pool (If applicable) Lovington San Andres
- Is this a new well drilled for injection? No
If no, for what purpose was the well originally drilled? Production
- Has the well ever be perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used.
No
- Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area.
Underlying-Grayburg

Completed
10/15/39

13"
313'
8 5/8"
3109'
5 1/2"
4541'
TD 4900'

INJECTION WELL DATA SHEET

Greenhill Petroleum Corporation		Lovington San Andres		
OPERATOR		LEASE		
#41	1980' FNL & 1980' FEL	1	17S	36E
WELL NO.	FOOTAGE LOCATION	SEC.	TOWNSHIP	RANGE

Tubular DataSurface Casing

Size: 13 " Cemented with 250 SX

TOC: Surface feet determined by calc

Hole size: 17-1/4"

Intermediate Casing

Size: 8-5/8" " Cemented with 250 SX

TOC: 2332 feet determined by calc

Hole Size: 11"

Long String

Size: 5-1/2 " Cemented with 200 SX

TOC: 3501 feet determined by calc

Hole Size: 7-7/8"

Total Depth: 4903

Injection Interval— feet to — feet
(perforated or open-hole, indicate which)Tubing size — lined with — set in a
(material)— packer at — feet.
(brand & model)
(or describe any other casing-tubing seal).Other Data

- Name of the injection formation San Andres
- Name of Field or Pool (If applicable) Lovington San Andres
- Is this a new well drilled for injection? No
If no, for what purpose was the well originally drilled? Production
- Has the well ever be perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used. NO
- Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area.
Underlying-Grayburg

Completed
9-22-39

314'
18"

3100'
8 5/8"

4592'
5 1/2"

4903'
TD

Lovington San Andres
LEASE

#42	1980' FNL & 1980' FWL	1	17S	36E
WELL NO.	FOOTAGE LOCATION	SEC.	TOWNSHIP	RANGE

Tubular Data

Surface Casing

Completed
4-1-39

Size: 13 " Cemented with 200 SX

TOC: Surface feet determined by calc

Hole size: 17-1/4"

Intermediate Casing

Size: 9-5/8 ~ Cemented with 535 SX

TOC: 1517 feet determined by calc

Hole Size: 12"

Long String

Size: 7 " Cemented with 300 SX

TOC: 2887 feet determined by calc

Hole Size: 8-3/4"

Total Depth: 4938'

Injection Interval

_____ feet to _____ feet
(perforated or open-hole, indicate which)

Tubing size _____ lined with _____ set in a
 _____ (material)
 _____ packer at _____ feet.
 (brand & model)
 (or describe any other casing-tubing seal).

Other Data

1. Name of the injection formation San Andres
2. Name of Field or Pool (If applicable) Lovington San Andres
3. Is this a new well drilled for injection? No
If no, for what purpose was the well originally drilled? Production
4. Has the well ever be perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used).
NO
5. Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area.

Underlying-Grayburg

INJECTION WELL DATA SHEET

Greenhill Petroleum Corporation		Lovington San Andres		
OPERATOR		LEASE		
#46	660' FWL & 1980' FSL	1	17S	36E
WELL NO.	FOOTAGE LOCATION	SEC.	TOWNSHIP	RANGE

Tubular Data

Completed
12-7-41

P&A'd
5-22-87

Squeeze 5 1/2" casing 2685-4150
with 200 S.S.
cut 5 1/2" at 2400'
Spot 20 S.S. 2450-2350
Pump 840 S.S. Displaced down
7 5/8 to 1000'-

Surface Casing

Size: 10-3/4" " Cemented with 175 SX

TOC: Surface feet determined by calc

Hole size: 15"

Intermediate Casing

Size: 7-5/8" " Cemented with 300 SX

TOC: 1510 feet determined by calc

Hole Size: 9-7/8"

Long String

Size: 5-1/2" " Cemented with 300 SX

TOC: 1235 feet determined by calc

Hole Size: 6-3/4"

Total Depth: 4946'

Injection Interval

4624 feet to 4946 feet
(perforated or open-hole, indicate which)

Tubing size 2" lined with IPC set in a
(material)
Baker Model 'A' packer at 4574 feet.
(brand & model)
(or describe any other casing-tubing seal).

Other Data

- Name of the injection formation San Andres
- Name of Field or Pool (If applicable) Lovington San Andres
- Is this a new well drilled for injection? No
If no, for what purpose was the well originally drilled? Production
- Has the well ever be perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used. NO
- Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area.
Underlying-Grayburg

15

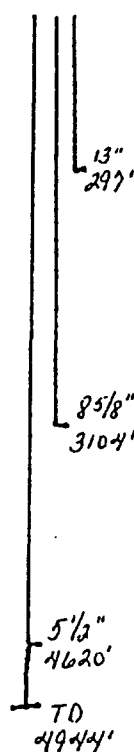
INJECTION WELL DATA SHEET

Greenhill Petroleum Corporation		Lovington San Andres		
OPERATOR		LEASE		
47	1980' FNL & 1986' FWL	1	17S	36E
WELL NO.	FOOTAGE LOCATION	SEC.	TOWNSHIP	RANGE

Tubular Data

Completed
7-6-39

Converted
to Injection
8-6-69



Surface Casing

Size: 13" Cemented with 250 SX

TOC: Surface feet determined by calc

Hole size: 17-1/4"

Intermediate Casing

Size: 8-5/8" Cemented with 500 SX

TOC: 1572 feet determined by 50% calc

Hole size: 11"

Long String

Size: 5-1/2" Cemented with 230 SX

TOC: 3367 feet determined by 80% calc

Hole size: 7-7/8"

Total Depth: 4944'

Injection Interval

4620 feet to 4935 feet
(perforated or open-hole, indicate which)

Tubing size 2-3/8" lined with IPC set in a - packer
at 4517 feet. (Or describe any other casing-tubing seal).

Other Data

- Name of the injection formation: San Andres
 - Name of Field or Pool (If applicable) Lovington San Andres
 - Is this a new well drilled for Injection? No
If no, for what purpose was the well originally drilled? Production
 - Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging details (sacks of cement or bridge plug(s) used).
-
- Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area.

(Above) Grayburg

INJECTION WELL DATA SHEET

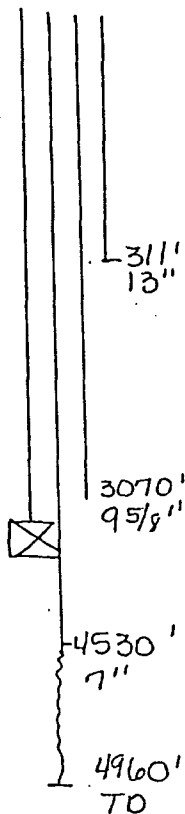
Greenhill Petroleum Corporation		Lovington San Andres		
OPERATOR		LEASE		
#48	1980' FSL & 1980' FEL	1	17S	36E
WELL NO.	FOOTAGE LOCATION	SEC.	TOWNSHIP	RANGE

Tubular DataSurface CasingSize: 13 " Cemented with 250 SXTOC: Surface feet determined by calcHole size: 17-1/4"Intermediate CasingSize: 9-5/8 " Cemented with 250 SXTOC: 2251 feet determined by calcHole Size: 12"Long StringSize: 7 " Cemented with 225 SXTOC: 3119 feet determined by calcHole Size: 8-3/4"Total Depth: 4960'Injection Interval4530 feet to 4960 feet
(perforated or open-hole, indicate which)Tubing size 2-7/8" lined with IPC set in a
(material)Baker Model 'A' packer at 4526 feet.
(brand & model)

(or describe any other casing-tubing seal).

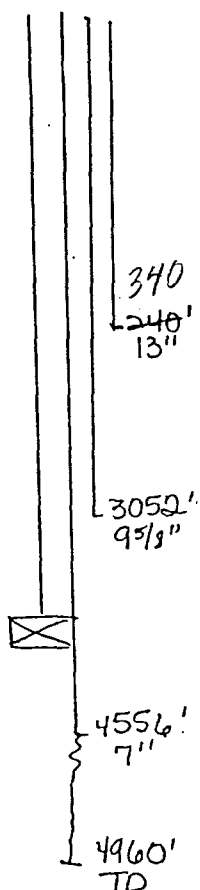
Other Data

- Name of the injection formation San Andres
- Name of Field or Pool (If applicable) Lovington San Andres
- Is this a new well drilled for injection? No
If no, for what purpose was the well originally drilled? Production
- Has the well ever be perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used).
NO
- Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area.
Underlying-Grayburg

Completed
5-21-39

INJECTION WELL DATA SHEET

Greenhill Petroleum Corporation		Lovington San Andres		
OPERATOR		LEASE		
#49	1980' FSL & 660' FEL	1	17S	36E
WELL NO.	FOOTAGE LOCATION	SEC.	TOWNSHIP	RANGE

Tubular DataCompleted
7-2-39Converted
7-14-76Surface CasingSize: 13 " Cemented with 250 SXTOC: Surface feet determined by circ.Hole size: ?Intermediate CasingSize: 9-5/8" " Cemented with 250 SXTOC: 2350 feet determined by calcHole Size: ?Long StringSize: 7 " Cemented with 259' SXTOC: 3090 feet determined by calcHole Size: ?Total Depth: 4960'Injection Interval4556 feet to 4960 feet
(perforated or open-hole, indicate which)

Tubing size 2-3/8" lined with IPC set in a
Baker Model AD-1 packer at 4417 feet.
 (brand & model)
 (or describe any other casing-tubing seal).

Other Data

- Name of the injection formation San Andres
- Name of Field or Pool (If applicable) Lovington San Andres
- Is this a new well drilled for injection? No
If no, for what purpose was the well originally drilled? Production
- Has the well ever be perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used).
NO
- Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area.
Underlying-Grayburg

INJECTION WELL DATA SHEET

<u>Penroc Oil Corporation</u>		<u>State E TR.17</u>	
OPERATOR		LEASE	
<u>5</u>	<u>990 FSL & 660 FEL</u>	<u>1</u>	<u>T17S R36E</u>
WELL NO.	FOOTAGE LOCATION	SEC.	TOWNSHIP RANGE

Tubular Data

Surface Casing

Size: 13 " Cemented with 200 SX
TOC: Surface feet determined by circ.
Hole size: 17

Intermediate Casing

Size: 8 5/8 " Cemented with 500 SX
TOC: 1550 feet determined by 50% calc
Hole Size: 11

Long String

Size: 5 1/2 " Cemented with 300 SX
TOC: 2921 feet determined by 80% calc
Hole Size: 7 7/8
Total Depth: 4977

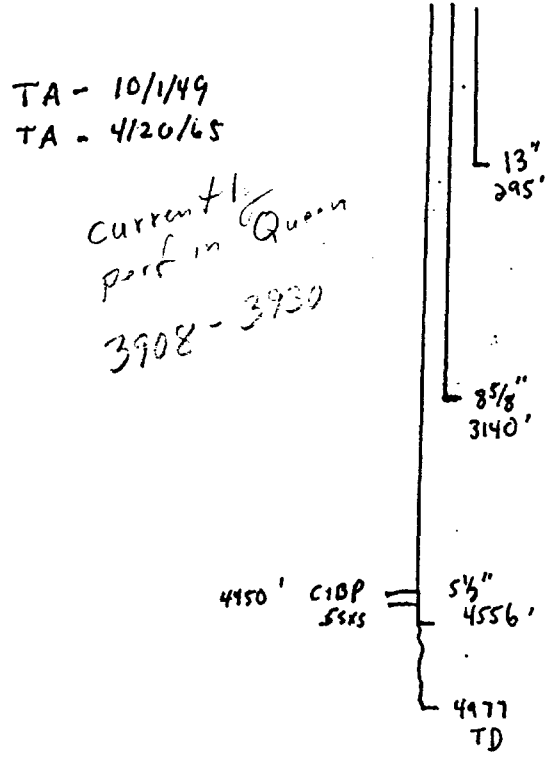
Injection Interval

 feet to feet
(perforated or open-hole, indicate which)

Tubing size lined with set in a
 (material)
 packer at feet.
(brand & model)
(or describe any other casing-tubing seal).

Other Data

1. Name of the injection formation
2. Name of Field or Pool (If applicable) Leavington Queen
3. Is this a new well drilled for injection? No
If no, for what purpose was the well originally drilled? production
4. Has the well ever be perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used).
No
5. Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area.
Below Grayburg



INJECTION WELL DATA SHEET

PENROC	State "E" TR 18			
OPERATOR	LEASE			
17	1650' FNL & 2310' FWL	1	17S	36E
WELL NO.	FOOTAGE LOCATION	SEC.	TOWNSHIP	RANGE

Tubular Data

Surface Casing

Size: 13-3/8 " Cemented with 275 SXTOC: Surface feet determined by calcHole size: 17-1/2"

Intermediate Casing

Size: 9-5/8 " Cemented with 300 SXTOC: 2316 ¹⁵⁵⁰ feet determined by 507 ^{TS} calcHole Size: 12-1/4"

Long String

Size: 7 " Cemented with 500 ^{+500 Perlite} SXTOC: 5175 feet determined by Temp SurveyHole Size: 8-3/4"Total Depth: 8506'

Injection Interval

_____ feet to _____ feet
 (perforated or open-hole, indicate which)

Tubing size _____ lined with _____ set in a
 _____ (material)
 _____ packer at _____ feet.
 (brand & model)
 (or describe any other casing-tubing seal).

Other Data

- Name of the injection formation _____
- Name of Field or Pool (If applicable) Lovington Abo
- Is this a new well drilled for injection? No
 If no, for what purpose was the well originally drilled? Production
- Has the well ever be perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used).

- Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area.
Above Drinkard

INJECTION WELL DATA SHEET

Penrqc

State "E" TR 18

OPERATOR	LEASE
19	1650' FNL & 990' FWL
1	17S 36E
WELL NO.	FOOTAGE LOCATION
SEC.	TOWNSHIP
RANGE	

Tubular Data

Surface Casing

Completed
7-29-53Size: 13-3/8 " Cemented with 332 SXTOC: Surface feet determined by circ calcHole size: 17-1/2"

Intermediate Casing

Size: 9-5/8 " Cemented with 300 SXTOC: 1537 feet determined by TS 50% calcHole Size: 12-1/4"

Long String

Size: 7 " Cemented with 225 SXTOC: 6775 feet determined by temp surveyHole Size: 8-3/4"Total Depth: 8530'

Injection Interval

____ feet to ____ feet
(perforated or open-hole, indicate which)Tubing size ____ lined with ____ set in a
(material)(brand & model)
(or describe any other casing-tubing seal).

Other Data

- Name of the injection formation _____
- Name of Field or Pool (If applicable) Lovington Abo
- Is this a new well drilled for injection? No
If no, for what purpose was the well originally drilled? Production
- Has the well ever be perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used).

- Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area.
Above Drinkard

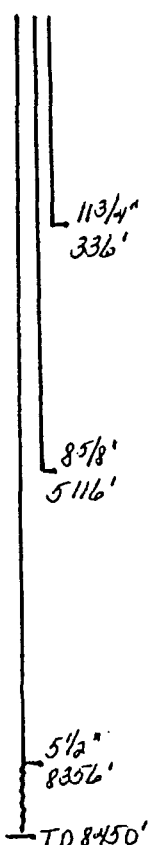
INJECTION WELL DATA SHEET

115

Penroc	State "E" TR 18			
OPERATOR	LEASE			
23	880' FNL & 790' FWL	1	17S	36E
WELL NO.	FOOTAGE LOCATION	SEC.	TOWNSHIP	RANGE

Tubular Data

Completed
3-17-73

Surface Casing

Size: 11-3/4" Cemented with 635 SX

TOC: Surface feet determined by calc

Hole size: 17-1/2"

Intermediate Casing

Size: 8-5/8" Cemented with 2800 SX

TOC: Surface feet determined by calc

Hole size: 11"

Long String

Size: 5-1/2" Cemented with 1000 SX

TOC: 2908 feet determined by 80% calc

Hole size: 7-7/8"

Total Depth: 8450'

Injection Interval

- feet to - feet
(perforated or open-hole, indicate which)

Tubing size - lined with - set in a - packer

at - feet. (Or describe any other casing-tubing seal).

Other Data

- Name of the injection formation:
- Name of Field or Pool (If applicable) Lovington Abo
- Is this a new well drilled for Injection? No
If no, for what purpose was the well originally drilled? Production
- Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging details (sacks of cement or bridge plug(s) used).

- Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area.

(Above) Drinkard

INJECTION WELL DATA SHEET

118

Greenhill Petroleum Corporation

Lovington Paddock

OPERATOR

LEASE

#45

660' FNL & 330' ^{FCL}FWL

2

17S

36E

WELL NO.

FOOTAGE LOCATION

SEC.

TOWNSHIP

RANGE

Tubular Data

Completed
2-9-55

Converted to
Injection 12/66

Surface Casing

Size: 8-5/8" Cemented with 1350 SX

TOC: Surface feet determined by ^{Calc}calc

Hole size: 12-1/2

Intermediate Casing

Size: Cemented with SX

TOC: feet determined by

Hole size:

Long String

Size: 5-1/2" Cemented with 350 SX

TOC: 3865 feet determined by 80% calc

Hole size: 7-7/8"

Total Depth: 6235'

Injection Interval

6111 feet to 6235 feet
(perforated or open-hole, indicate which)

Tubing size 2-3/8" lined with IPC set in a - packer
at 6090 feet. (Or describe any other casing-tubing seal).

Other Data

1. Name of the injection formation: Paddock
2. Name of Field or Pool (If applicable) Paddock
3. Is this a new well drilled for Injection? No
If no, for what purpose was the well originally drilled? Production
4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging details (sacks of cement or bridge plug(s) used).
No
5. Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area.
Above Glorieta

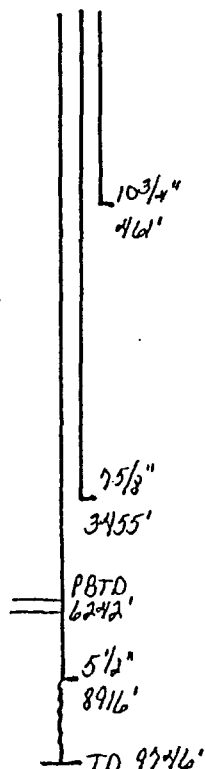
INJECTION WELL DATA SHEET

Greenhill Petroleum Corporation		Lovington Paddock		
OPERATOR		LEASE		
#62	1980' FSL & 560' FEL	2	17S	36E
WELL NO.	FOOTAGE LOCATION	SEC.	TOWNSHIP	RANGE

Tubular Data

Completed
6-19-53

5 1/2" liner
3258 - 8916

Surface Casing

400

Size: 10-3/4" Cemented with 600 SX

TOC: Surface feet determined by calc

Hole size: 13-3/4"

Intermediate Casing

1400

Size: 7-5/8" Cemented with 1136 SX

TOC: Surface feet determined by calc

Hole size: 9-7/8"

Long String

Size: 5-1/2" Cemented with 800 SX

TOC: ^{Top of liner} Surface feet determined by ^{file} 80% calc

Hole size: 6-3/4"

Total Depth: 9746'

Injection Interval

6169 feet to 6194 feet
(perforated or open-hole, indicate which)

Tubing size 2-3/8" lined with IPC set in a - packer
at 6073 feet. (Or describe any other casing-tubing seal).

Other Data

1. Name of the injection formation: Paddock
2. Name of Field or Pool (If applicable) Paddock
3. Is this a new well drilled for Injection? No
If no, for what purpose was the well originally drilled? Production
4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging details (sacks of cement or bridge plug(s) used).
No
5. Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area.
Above Glorieta

INJECTION WELL DATA SHEET

121

Greenhill Petroleum Corporation
OPERATOR

Lovington San Andres Unit
LEASE

#28
WELL NO.

660 FNL & 1980 FEL
FOOTAGE LOCATION

2
SEC.

T17S
TOWNSHIP

R36E
RANGE

Tubular Data

Surface Casing

Size: 13 " Cemented with 175 SX

TOC: Surface feet determined by circulation

Hole size: 17 1/2"

Intermediate Casing

Size: 8 5/8 " Cemented with 600 SX

TOC: 233 feet determined by 50% calc

Hole Size: 11"

Long String

Size: 5 1/2 " Cemented with 400 SX

TOC: 2421 feet determined by 80% calc

Hole Size: 7 7/8 "

Total Depth: 5068'

Injection Interval

4602 - 5068 feet to _____ feet
(perforated or open-holes, indicate which)

Tubing size 2" lined with _____ IPC set in a
(material)

Baker Model A packer at 4543 feet.
(brand & model)
(or describe any other casing-tubing seal).

Other Data

1. Name of the injection formation _____
2. Name of Field or Pool (If applicable) Lovington San Andres
3. Is this a new well drilled for injection? No
If no, for what purpose was the well originally drilled? Production
4. Has the well ever be perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used).
No
5. Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area.
Underlying - Grayburg

Completed
8/19/43
Converted to inj.
3/31/63

267'
13"
2071'
8 5/8"
4602'
5 1/2"
5068'
TD

125

Greenhill Petroleum Corporation		Lovington San Andres		
OPERATOR		LEASE		
#44	1980' FNL & 660' FEL	2	17S	36E
WELL NO.	FOOTAGE LOCATION	SEC.	TOWNSHIP	RANGE

Tubular Data

Surface Casing

Size: 13 " Cemented with 210 SX

TOC: Surface feet determined by calc

Hole size: 17"

Intermediate Casing

Size: 8-5/8 ~ Cemented with 600 SX

TOC: 212 feet determined by calc

Hole Size: 11"

Long String

Size: 5-1/2 " Cemented with 400 SX

TOC: 2377 feet determined by calc

Hole Size: 7-7/8"

Total Depth: 4990'

Injection Interval

_____ feet to _____ feet
(perforated or open-hole, indicate which)

Tubing size _____ lined with _____ set in a
 _____ (material)
 _____ packer at _____ feet.
 (brand & model)
 (or describe any other casing-tubing seal).

Other Data

1. Name of the injection formation San Andres
2. Name of Field or Pool (If applicable) Lovington San Andres
3. Is this a new well drilled for injection? No
If no, for what purpose was the well originally drilled? Production
4. Has the well ever be perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used.
NO
5. Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area.
Underlying-Grayburg

INJECTION WELL DATA SHEET

Penroc	State E TR 18			
OPERATOR	LEASE			
21	660' FNL & 1650' FEL	2	17S	36E
WELL NO.	FOOTAGE LOCATION	SEC.	TOWNSHIP	RANGE

Tubular Data

Completed
11-9-53

Converted to
SWD 3-9-79

Deepened to
8987' 3-9-79

Surface Casing

Size: 13-3/8 " Cemented with 275 SX

TOC: Surface feet determined by Circ

Hole size: 17-1/2"

Intermediate Casing

Size: 9-5/8 " Cemented with 300 SX

TOC: feet determined by

Hole Size: 12-1/4"

Long String

Size: 7 " Cemented with +550. per lte SX

TOC: 3375 feet determined by remp survey

Hole Size: 8-3/4"

Total Depth: 8470'

Injection Interval

8391 feet to 8987 feet
(perforated or open-hole, indicate which)

Tubing size 2-1/2" lined with IPC set in a

(material)

packer at 8378 feet.

(brand & model)

(or describe any other casing-tubing seal).

Other Data

1. Name of the injection formation Abo

2. Name of Field or Pool (If applicable) Lovington Abo

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

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

5. Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area.

Above Drinkard

INJECTION WELL DATA SHEET

Penroc

OPERATOR

State E TR 18

LEASE

22
WELL NO.

1650' FNL & 1650' FEL
FOOTAGE LOCATION

SEC.

2 17S
TOWNSHIP

36E
RANGE

Tubular Data

Completed
5-9-54

Converted to
Injection and
Deepened 12-27-80

Sidetracked fish &
Kicked off to 8443'.
Drld. to 9000'. Run
packer & tbg to 8150'.
Packer set @ 8302'.
Ran tailpipe & set
packer @ 8272'

3-10-82
SG = 5 1/2 from 3900
with 1500 SX after
running CBL from
8150 - 3600
10-23-80
SG = 5 1/2 from 4360
w/ 450 SX

Surface Casing

Size: 13-3/8" Cemented with 275 SX

13 3/8 TOC: Surface feet determined by ^{circ}calc

252 Hole size: 13 3/8

DV
2106

Intermediate Casing

Size: 9-5/8" Cemented with 300 SX

9 5/8 TOC: 2661 feet determined by 50% calc

3275 Hole Size: 12-1/4"

Long String

Size: 5-1/2" Cemented with 835+835 cu ft SX
perlite

5 1/2 TOC: 2279 feet determined by 80% calc

9000' Hole Size: 8-5/8"

TD Total Depth: 8477'

Deepened
12/80

Injection Interval

8242 feet to 8316 feet
(perforated or open-hole, indicate which)

Tubing size 2-3/8" lined with IPC set in a
(material)
packer at 8272 feet.
(brand & model)
(or describe any other casing-tubing seal).

Other Data

- Name of the injection formation Abo
- Name of Field or Pool (If applicable) Lovington Abo
- Is this a new well drilled for injection? No
If no, for what purpose was the well originally drilled? Production
- Has the well ever be perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used).
- Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area.
Above Drinkard

INJECTION WELL DATA SHEET

122

SWD
 Rice Engineering
~~Ohio Oil Company~~

760 SWD System
 State ~~B~~ 4286 "A"

OPERATOR		LEASE		
1	2310' FWL & 990' FNL	2	17S	36E
WELL NO.	FOOTAGE LOCATION	SEC.	TOWNSHIP	RANGE

Tubular DataSurface Casing

Completed
 2-8-54

Rice Engrg.
 Deepened to
 8858' &
 Converted to
 a SWD Well

13 3/8"
 396'

Size: 13-3/8" Cemented with 350 SX

TOC: Surface feet determined by ^{Circ} calc

Hole size: 17-1/2"

Intermediate Casing

9 5/8"
 3348'

Size: 9-5/8" Cemented with 1750 SX

TOC: Circ to Sur. feet determined by calc

Hole size: 12"

Long String

5 1/2"
 8530'
 TD 8534'
 TD 8858'
 SWD

Size: 5-1/2" Cemented with 1350 SX

TOC: 3484 feet determined by 80% calc

Hole size: 8-3/4"

Total Depth: 8534'

Injection Interval

- feet to - feet
 (perforated or open-hole, indicate which)

Tubing size - lined with - set in a - packer
 at - feet. (Or describe any other casing-tubing seal).

Other Data

- Name of the injection formation: NA
 - Name of Field or Pool (If applicable) Lovington
 - Is this a new well drilled for Injection?
 If no, for what purpose was the well originally drilled?
 - Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging details (sacks of cement or bridge plug(s) used).
-
- Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area.

INJECTION WELL DATA SHEET

Texaco		State "V"		
OPERATOR		LEASE		
1	660' FWL & 660' FNL	5	17S	37E
WELL NO.	FOOTAGE LOCATION	SEC.	TOWNSHIP	RANGE

Tubular Data

Completed
6-20-52

5 1/2 liner
4803-11063
TOC 7010 file

6-20-55
582 liner from
6648-6650 w/
280 SX
TOC 5740

13 7/8
335

5 5/8
4984

5 1/2"
TD11063

Surface Casing

Size: 13-3/8 . Comented with 350 . SX

TOC: Surface feet determined by calc

Hole size: 17-1/4"

Intermediate Casing

Size: 8-5/8 " Cemented with 3000 SX

TOC: Surface feet determined by ^{Circ} ~~scale~~

Hole Size: 11"

Long String

Size: 5-1/2 " Cemented with 732 SX

liner behind intermediate

TOC: _____ feet determined by _____

Hole Size: 7-7/8"

Total Depth: 11,063'

Injection Interval

_____ feet to _____ feet
(perforated or open-hole, indicate which)

Tubing size _____ lined with _____ (material) set in a _____

(brand & model)
(or describe any other casing-tubing seal).

Other Data

1. Name of the injection formation _____
2. Name of Field or Pool (If applicable) East Lovington (Penn) Lovington Padlock
3. Is this a new well drilled for injection? No
If no, for what purpose was the well originally drilled? Production
4. Has the well ever be perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used.
5. Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area.
- Above Abo

INJECTION WELL DATA SHEET

Texaco Producing
~~Tidewater Oil Company~~

H. L. Batton "A"

OPERATOR	LEASE	SEC.	TOWNSHIP	RANGE
1	5	17S	37E	
WELL NO.	FOOTAGE LOCATION			

Tubular Data

Completed
5-2-57

Cased Hole

9 5/8"
2116'

5 1/2"
TO 6300'

Surface Casing

Size: 9-5/8" Cemented with 1200 SX

TOC: Surface feet determined by calc

Hole size: 12-1/4"

Intermediate Casing

Size: Cemented with SX

TOC: feet determined by

Hole size:

Long String

Size: 5-1/2" Cemented with 800 SX

TOC: 1940 feet determined by 80% calc

Hole size: 7-7/8"

Total Depth: 6300'

Injection Interval

- feet to - feet
(perforated or open-hole, indicate which)

Tubing size - lined with - set in a - packer

at - feet. (Or describe any other casing-tubing seal).

Other Data

- Name of the injection formation:
 - Name of Field or Pool (If applicable) Lovington Paddock
 - Is this a new well drilled for Injection? No
If no, for what purpose was the well originally drilled? Production
 - Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging details (sacks of cement or bridge plug(s) used).
-
5. Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area.
- Above Glorieta

INJECTION WELL DATA SHEET

Greenhill Petroleum Corporation		Lovington Paddock		
OPERATOR		LEASE		
#50	660' FNL & 902' FWL	6	17S	37E
WELL NO.	FOOTAGE LOCATION	SEC.	TOWNSHIP	RANGE

Tubular Data

Spud Date
7-31-53

13 3/8" 336'

9 5/8" 3093'

5 1/2"

TO 6292'

Surface Casing

Size: 13-3/8" Cemented with 300 SX

TOC: Surface feet determined by ^{Circ}calc

Hole size: 17 1/4

Intermediate Casing

Size: 9-5/8" Cemented with 1550 SX

TOC: Surface feet determined by ^{Circ}calc

Hole size: 12 1/2

Long String

Size: 5-1/2" Cemented with 450 SX

TOC: ⁴¹⁵⁰~~4100~~ feet determined by temp survey

Hole size: 8 3/4

Total Depth: 6292'

Injection Interval

- feet to - feet
(perforated or open-hole, indicate which)

Tubing size - lined with IPC set in a - packer

at - feet. (Or describe any other casing-tubing seal).

Other Data

- Name of the injection formation:
- Name of Field or Pool (If applicable) Paddock
- Is this a new well drilled for Injection? No
If no, for what purpose was the well originally drilled? Production
- Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging details. (sacks of cement or bridge plug(s) used).
No
- Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area.
Above Glorieta

INJECTION WELL DATA SHEET

102

Greenhill Petroleum Corporation		Lovington Paddock		
OPERATOR	(1740 FNL)	LEASE		
#51	3540' FEL & 480' FNL	6	17S	37E
WELL NO.	FOOTAGE LOCATION	SEC.	TOWNSHIP	RANGE

Tubular Data

Completion
9-23-53

Converted to
Injection 12/66

Surface Casing

Size: 8-5/8" Cemented with 950 SX

TOC: Surface feet determined by ^{CIRC} calc

Hole size: 11

Intermediate Casing

Size: Cemented with SX

TOC: feet determined by

Hole size:

Long String

Size: 5-1/2" Cemented with 275 SX

TOC: 4050 feet determined by 70% calc

Hole size: 7 7/8

Total Depth: 6245'

Injection Interval

6080 feet to 6245 feet
(perforated or open-hole, indicate which)

Tubing size 2-3/8" lined with IPC set in a - packer
at 5981 feet. (Or describe any other casing-tubing seal).

Other Data

- Name of the injection formation: Paddock
- Name of Field or Pool (If applicable) Paddock
- Is this a new well drilled for Injection? No
If no, for what purpose was the well originally drilled? Production
- Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging details (sacks of cement or bridge plug(s) used).
No
- Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area.
Above Glorieta

INJECTION WELL DATA SHEET

Greenhill Petroleum Corporation		Lovington Paddock		
OPERATOR		LEASE		
#52	510' FNL & 2190' FEL	6	17S	37E
WELL NO.	FOOTAGE LOCATION	SEC.	TOWNSHIP	RANGE

Tubular Data

Spud Date
10-31-53

Surface Casing

Size: 8-5/8" Cemented with 1425 SX

TOC: Surface feet determined by ^{Circ} ~~calc~~

Hole size: //

Intermediate Casing

Size: Cemented with SX

TOC: feet determined by

Hole size:

Long String

Size: 5-1/2" Cemented with 400 SX

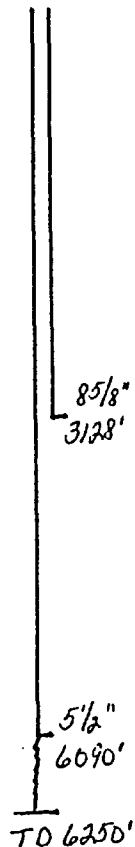
TOC: 4220 feet determined by temp
survey

Hole size: 7 7/8

Total Depth: 6250'

Injection Interval

- feet to - feet
(perforated or open-hole, indicate which)



Tubing size - lined with - set in a - packer
at - feet. (Or describe any other casing-tubing seal).

Other Data

- Name of the injection formation:
- Name of Field or Pool (If applicable) Paddock
- Is this a new well drilled for Injection? No
If no, for what purpose was the well originally drilled? Production
- Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging details (sacks of cement or bridge plug(s) used).
No
- Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area.
Above Glorieta

INJECTION WELL DATA SHEET

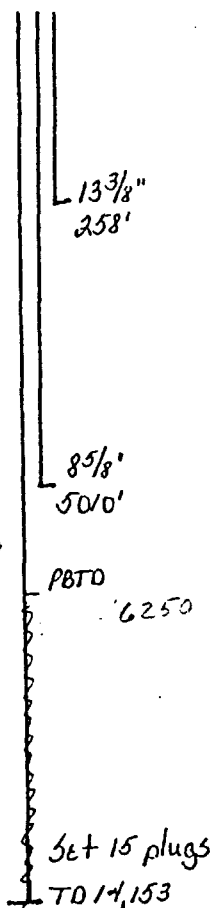
97

Greenhill Petroleum Corporation		Lovington Paddock		
OPERATOR		LEASE		
#53	330' FNL & 840' FEL	6	17S	37E
WELL NO.	FOOTAGE LOCATION	SEC.	TOWNSHIP	RANGE

Tubular Data

Spud Date
10-52

		<u>Surface Casing</u>
		Size: 13-3/8" Cemented with 250 SX
		TOC: Surface feet determined by ^{Circ} calc
		Hole size:
		<u>Intermediate Casing</u>
		Size: 8-5/8" Cemented with 2100 SX
		TOC: 808 feet determined by temp survey
		Hole size:
		<u>Long String</u>
		Size: 5-1/2" Cemented with 230 SX
		TOC: 4116 feet determined by temp survey
		Hole size:
		Total Depth: 14,153'
		<u>Injection Interval</u>
		6144 feet to 6194 feet
		(perforated or open-hole, indicate which)



Tubing size 2-3/8" lined with IPC set in a - packer
at 6094 feet. (Or describe any other casing-tubing seal).

Other Data

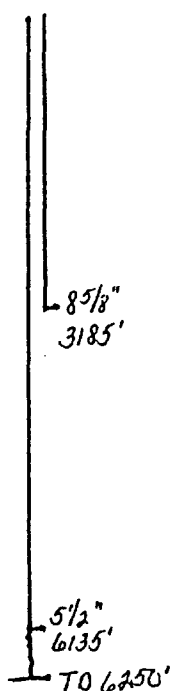
- Name of the injection formation: Paddock
- Name of Field or Pool (If applicable) Paddock
- Is this a new well drilled for Injection? No
If no, for what purpose was the well originally drilled? Production
- Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging details (sacks of cement or bridge plug(s) used).
No
- Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area.
Above Glorieta

INJECTION WELL DATA SHEET

Greenhill Petroleum Corporation		Lovington Paddock		
OPERATOR		LEASE		
#54	1650' FNL & 660' FEL	6	17S	37E
WELL NO.	FOOTAGE LOCATION	SEC.	TOWNSHIP	RANGE

Tubular Data

Spud Date
2-6-54

Surface Casing

Size: 8-5/8" Cemented with 1595 SX

TOC: Surface feet determined by catc

Hole size: //

Intermediate Casing

Size: Cemented with SX

TOC: feet determined by

Hole size:

Long String

Size: 5-1/2" Cemented with 435 SX

TOC: 3537 feet determined by temp survey

Hole size: 7 7/8

Total Depth: 6250'

Injection Interval

- feet to - feet
(perforated or open-hole, indicate which)

Tubing size - lined with - set in a - packer

at - feet. (Or describe any other casing-tubing seal).

Other Data

- Name of the injection formation:
- Name of Field or Pool (If applicable) Paddock
- Is this a new well drilled for Injection? No
If no, for what purpose was the well originally drilled? Production
- Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging details (sacks of cement or bridge plug(s) used).
No
- Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area.
Above Glorieta

INJECTION WELL DATA SHEET

Greenhill Petroleum Corporation		Lovington Paddock		
OPERATOR		LEASE		
#55	1879' FNL & 2248' FEL	6	17S	37E
WELL NO.	FOOTAGE LOCATION	SEC.	TOWNSHIP	RANGE

Tubular Data

Completion
6-20-53

Converted to
Injection 1/71

Surface Casing
 Size: 8-5/8" Cemented with ¹⁰²⁵~~1595~~ SX
 TOC: Surface feet determined by ^{Circ}~~calc~~
 Hole size: 11
Intermediate Casing
 Size: Cemented with SX
 TOC: feet determined by
 Hole size:
Long String
 Size: 5-1/2" Cemented with 400 SX
 TOC: 3971 feet determined by 80% calc
 Hole size: 7 7/8
 Total Depth: 6250'
Injection Interval
 6120 feet to 6250 feet
 (perforated or open-hole, indicate which)

Tubing size 2-3/8 lined with IPC set in a - packer
at 6067 feet. (Or describe any other casing-tubing seal).

Other Data

- Name of the injection formation: Paddock
- Name of Field or Pool (If applicable) Paddock
- Is this a new well drilled for Injection? No
If no, for what purpose was the well originally drilled? Production
- Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging details (sacks of cement or bridge plug(s) used).
No
- Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area.
Above Glorieta

INJECTION WELL DATA SHEET

Greenhill Petroleum Corporation		Lovington Paddock		
OPERATOR		LEASE		
#56	1650' FNL & 1733' FWL	6	17S	37E
WELL NO.	FOOTAGE LOCATION	SEC.	TOWNSHIP	RANGE

Tubular Data

Spud Date
10-7-53



Surface Casing

Size: 8-5/8" Cemented with 975 SX

TOC: Surface feet determined by calc

Hole size: //

Intermediate Casing

Size: Cemented with SX

TOC: feet determined by

Hole size:

Long String

Size: 5-1/2" Cemented with 400 SX

TOC: 4139 feet determined by temp survey

Hole size: 7 7/8

Total Depth: 6256'

Injection Interval

- feet to - feet
(perforated or open-hole, indicate which)

Tubing size - lined with - set in a - packer

at - feet. (Or describe any other casing-tubing seal).

Other Data

1. Name of the injection formation:
2. Name of Field or Pool (If applicable) Paddock
3. Is this a new well drilled for Injection? No
If no, for what purpose was the well originally drilled? Production
4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging details (sacks of cement or bridge plug(s) used).
No
5. Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area.
Above Glorieta

137
P

INJECTION WELL DATA SHEET

Greenhill Petroleum Corporation		Lovington Paddock		
OPERATOR		LEASE		
# 57	FNL 1980' & 695' FEL	6	17S	37E
WELL NO.	FOOTAGE LOCATION	SEC.	TOWNSHIP	RANGE

Tubular Data

Completed
6-13-52

Surface Casing

Size: 13-3/8 " Cemented with 300 SX
TOC: Surface feet determined by Circ
Hole size: 17 1/2

Intermediate Casing

Size: 8-5/8 " Cemented with 1450 SX
TOC: Surface feet determined by calc
Hole Size: 11

Long String

Size: 5-1/2 " Cemented with 550 SX
TOC: 5454 4820 feet determined by TS
Hole Size: 7 3/4

Total Depth: 8450

Injection Interval

6018
6028 ~~5420~~ feet to 6187 feet
(perforated or open-hole, indicate which)

Tubing size 2-3/8" lined with IPC (material) set in a
packer at 6018 feet.
(brand & model)
(or describe any other casing-tubing seal).

Other Data

1. Name of the injection formation Paddock
2. Name of Field or Pool (If applicable) Paddock
3. Is this a new well drilled for injection? No
If no, for what purpose was the well originally drilled? Production
4. Has the well ever be perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used).
No
5. Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area.

Above Glorieta

INJECTION WELL DATA SHEET

148

P

Greenhill Petroleum Corporation		Lovington Paddock		
OPERATOR	2310	LEASE		
#67	2210' FSL & 660' FWL	6	17S	37E
WELL NO.	FOOTAGE LOCATION	SEC.	TOWNSHIP	RANGE

Tubular DataSpud Date
1-23-54Surface Casing

Size: 13-3/8" Cemented with 275 SX

TOC: Surface feet determined by calc ^{Circ}

13 3/8" Hole size: 17 1/2"

Intermediate Casing

Size: 9-5/8" Cemented with 300 SX

TOC: 2497 feet determined by 70% calc

9 5/8" Hole size: 12 1/2"

Long String

Size: 5-1/2" Cemented with 810 SX

TOC: 4525 feet determined by temp survey

5 1/2" Hole size: 8 3/4"

Total Depth: 8664'

TD 8664'

Injection Interval- feet to - feet
(perforated or open-hole, indicate which)

Tubing size - lined with - set in a - packer

at - feet. (Or describe any other casing-tubing seal).

Other Data

1. Name of the injection formation:
2. Name of Field or Pool (If applicable) Paddock
3. Is this a new well drilled for Injection? No
If no, for what purpose was the well originally drilled? Production
4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging details (sacks of cement or bridge plug(s) used).
No
5. Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area.
Above Glorieta

INJECTION WELL DATA SHEET

Greenhill Petroleum Corporation		Lovinton San Andres Unit		
OPERATOR		LEASE		
#34	660 FNL & 615 FWL	6	T17S	R37E
WELL NO.	FOOTAGE LOCATION	SEC.	TOWNSHIP	RANGE

Tubular Data

Surface Casing

Size: 13 " Cemented with 200 SX

TOC: Surface feet determined by circulation

Hole size: 17 1/4 15

Intermediate Casing

Size: 9 5/8 " Cemented with 500 SX

TOC: 1956 feet determined by 50% calc

Hole Size: 12"

Long String

Size: 7 " Cemented with 200 SX

TOC: 3264 feet determined by 80% calc

Hole Size: 8 3/4"

Total Depth: 4950'

Injection Interval

4521 feet to 4950 feet
(perforated or open-hole, indicate which)

Packer #1
Tubing size 2" lined with IPC set in a
(material)
Baker "A" Pension packer at 4498 feet.
(brand & model)

(or describe any other casing-tubing seal). Packer #2 - 2 3/8" plastic lined tbq.
set in a 7" Guiberson Packer @ 4470'.

Other Data

- Name of the injection formation San Andres
- Name of Field or Pool (IF applicable) Lovington San Andres
- Is this a new well drilled for injection? No
If no, for what purpose was the well originally drilled? Production
- Has the well ever be perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used).
No
- Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area.
Underlying - Grayburg

INJECTION WELL DATA SHEET

Greenhill Petroleum Corporation OPERATOR		Lovington San Andres Unit LEASE		
#36 WELL NO.	660 FNL & 2040 FEL FOOTAGE LOCATION	6 SEC.	T17S TOWNSHIP	R37E RANGE

Tubular Data

Surface Casing

Size: 13 " Cemented with 200 SX
 TOC: Surface feet determined by circulation
 Hole size: 14 3/4"

Intermediate Casing

Size: 8 5/8 " Cemented with 400 SX
 TOC: 1774 feet determined by 50% calc
 Hole Size: 10 1/4"

Long String

Size: 5 1/2 " Cemented with 200 125 SX
 TOC: 3127 feet determined by 80% calc
 Hole Size: 6 3/4"
 Total Depth: 4955'

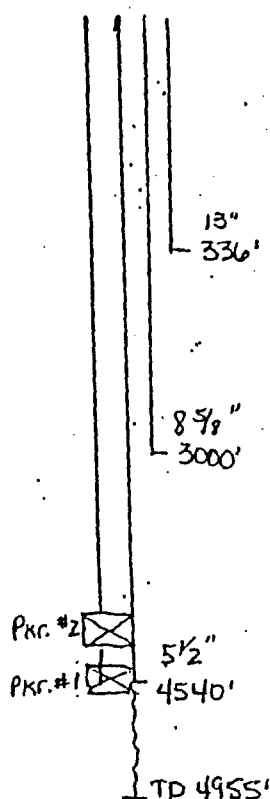
Injection Interval

4540 feet to 4955 feet
 (perforated or open-hole, indicate which)

Completed
9/12/39

Pkr. #1
3/22/63

Pkr. #2
1/25/79



Pkr. #1
Tubing size 2 3/8 lined with IPC set in a
Baker "A" Pension packer at 4466 feet.
 (brand & model)
 (or describe any other casing-tubing seal). Pkr. #2 Howco R-3 set @ 4435'.

Other Data

- Name of the injection formation San Andres
- Name of Field or Pool (If applicable) Lovington San Andres
- Is this a new well drilled for injection? No
 If no, for what purpose was the well originally drilled? Production
- Has the well ever be perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used).
No
- Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area.
Underlying - Grayburg

INJECTION WELL DATA SHEET

Greenhill Petroleum Corporation		Lovington San Andres		
OPERATOR		LEASE		
38	1650' FNL & 1980' FWL	6	17S	36E
WELL NO.	FOOTAGE LOCATION	SEC.	TOWNSHIP	RANGE

Tubular Data

Completed
9-16-39

Surface CasingSize: 13 " Cemented with 250 SXTOC: Surface feet determined by circHole size: 17-1/4" 15Intermediate CasingSize: 9-5/8 " Cemented with 350 SXTOC: 1804 feet determined by calcHole Size: 12" 10-3/4Long StringSize: 7 " Cemented with 300 SXTOC: 2707 feet determined by calcHole Size: 8-3/4" 8-1/4Total Depth: 4945'Injection Interval

— feet to — feet
(perforated or open-hole, indicate which)

Tubing size — lined with — set in a
(material)
— packer at — feet.
(brand & model)
(or describe any other casing-tubing seal).

Other Data

- Name of the injection formation San Andres
- Name of Field or Pool (If applicable) Lovington San Andres
- Is this a new well drilled for injection? No
If no, for what purpose was the well originally drilled? Production
- Has the well ever be perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used).
NO
- Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area.
Underlying-Grayburg

INJECTION WELL DATA SHEET

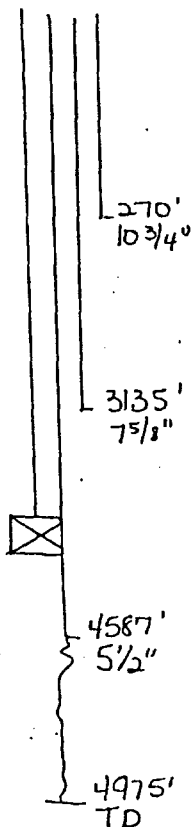
Greenhill Petroleum Corporation
OPERATOR

Lovington San Andres
LEASE

#50 1980' FSL & 660' FWL 6 17S 37E
WELL NO. FOOTAGE LOCATION SEC. TOWNSHIP RANGE

Tubular Data

Completed
10-2-39



Surface Casing

Size: 10-3/4" Cemented with 200 SX

TOC: Surface feet determined by circ

Hole size: 13-3/4"

Intermediate Casing

Size: 7-5/8" Cemented with 400 SX

TOC: 1026 feet determined by calc

Hole Size: 9-7/8"

Long String

Size: 5-1/2" Cemented with 175 SX

TOC: 2611 feet determined by calc

Hole Size: 6-3/4"

Total Depth: 4975'

Injection Interval

4587 feet to 4975 feet
(perforated or open-hole, indicate which)

Tubing size 2-3/8" lined with IPC set in a
(material)
R-3 Tension packer at 4460 feet.
(brand & model)
(or describe any other casing-tubing seal).

Other Data

- Name of the injection formation San Andres
- Name of Field or Pool (If applicable) Lovington San Andres
- Is this a new well drilled for injection? No
If no, for what purpose was the well originally drilled? Production
- Has the well ever be perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used.
NO
- Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area.

Underlying-Grayburg

INJECTION WELL DATA SHEET

Greenhill Petroleum Corporation
 OPERATOR
 #61
 WELL NO.

2545' FNL & 100' FWL
 FOOTAGE LOCATION

6
 SEC.

17S
 TOWNSHIP

37E
 RANGE

Lovington San Andres
 LEASE

Tubular Data

Completed
 3-15-90

Surface Casing

Size: 13-3/8 " Cemented with 450 SX

TOC: Surface feet determined by circ.

Hole size: 17-1/2"

Intermediate Casing

Size: 8-5/8 " Cemented with 800 SX

TOC: Surface feet determined by calc

Hole Size: 12-1/4"

Long String

Size: 5-1/2 " Cemented with 940 SX

TOC: 262 feet determined by calc

Hole Size: 7-7/8"

Total Depth: 5400'

Injection Interval

 feet to feet
 (perforated or open-hole, indicate which)

Tubing size - lined with set in a
 (material)
 packer at feet.
 (brand & model)
 (or describe any other casing-tubing seal).

Other Data

- Name of the injection formation San Andres
- Name of Field or Pool (If applicable) Lovington San Andres
- Is this a new well drilled for injection? No
 If no, for what purpose was the well originally drilled? Production
- Has the well ever be perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used).
NO
- Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area.
Underlying-Grayburg

INJECTION WELL DATA SHEET

Oryx Energy Company		Maggie Caylor		
OPERATOR		LEASE		
3	660' FNL & 665' FWL	6	17S	37E
WELL NO.	FOOTAGE LOCATION	SEC.	TOWNSHIP	RANGE

Tubular Data

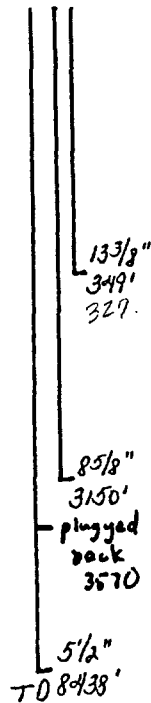
Completed
3-19-52

Sidetrack
6-28-90

Well Plugged
Back to 3570'
Wellbore has
8-5/8" csg.
set @ 3150' &
cmted. w/1200
SXS

Sidetracked

5 1/2" rot at 5297'
375X 6-1/2" 170 above
TOC 3570

Surface Casing

Size: 13-3/8" Cemented with 300 SX

TOC: Surface feet determined by calc

Hole size: 17-1/4"

Intermediate Casing

Size: 8-5/8" Cemented with 1200 SX

TOC: Surface feet determined by calc

Hole size: 11"

Long String

Size: 5-1/2" Cemented with 410 SX

TOC: 3117 feet determined by temp survey
6057 ~~80% calc~~ provided by Oryx

Hole size: 7-3/4"

Total Depth: 8438'

Injection Interval

- feet to - feet
(perforated or open-hole, indicate which)

Tubing size - lined with - set in a - packer

at - feet. (Or describe any other casing-tubing seal).

Other Data

1. Name of the injection formation:
2. Name of Field or Pool (If applicable) Lovington Abo
3. Is this a new well drilled for Injection? No
If no, for what purpose was the well originally drilled? Production
4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging details (sacks of cement or bridge plug(s) used).

5. Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area.

(Above) Drinkard

INJECTION WELL DATA SHEET

Oryx Energy Co. C.S. Caylor Sr. Estate
 OPERATOR LEASE
7 1650 N 330 W 6 17 S 37 E
 WELL NO. FOOTAGE LOCATION SECTION TOWNSHIP RANGE

Schematic

4 1/2 8 7/8 13 3/8

Tabular Data

Surface Casing
 Size 13 3/8 " Cemented with 375 sx.
 TOC Surface feet determined by Circ
 Hole size 17 1/2
375 Intermediate Casing
 Size 8 5/8 " Cemented with 833 sx.
 TOC 670 feet determined by Temp Survey
 Hole size 11
3225 Long string
 Size 4 1/2 " Cemented with 3188 sx.
 TOC Surface feet determined by Circ
 Hole size 7 7/8
 Total depth 8430
 Injection interval
8404 feet to _____ feet
 (perforated or open-hole, indicate which)
DU 5889
TD 8430

Tubing size _____ lined with _____ set in a
 _____ (material)
 _____ packer at _____ feet
 _____ (brand and model)
 (or describe any other casing-tubing seal).

Other Data

- Name of the injection formation _____
- Name of field or Pool (if applicable) _____
- Is this a new well drilled for injection? ☒ Yes ☐ No
 If no, for what purpose was the well originally drilled? _____
- Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used) _____

- Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area. _____

INJECTION WELL DATA SHEET

100 101

Penroc	C. S. Caylor			
OPERATOR	LEASE			
3	660' FNL & 1827 FNL 3393' FET	6	17S	37E
WELL NO.	FOOTAGE LOCATION	SEC.	TOWNSHIP	RANGE

Tubular Data

Completed
5-18-52

<div> <div>13 3/8"</div> <div>286'</div> </div>	<u>Surface Casing</u>
	Size: 13-3/8" Cemented with 300 SX
	TOC: Surface feet determined by ^{Circ} calc
<div> <div>8 5/8"</div> <div>3300'</div> </div>	Hole size: 18"
	<u>Intermediate Casing</u>
	Size: 8-5/8" Cemented with 800 SX
<div> <div>5 1/2"</div> <div>TO 8440'</div> </div>	TOC: 849 feet determined by 50% calc
	Hole size: 12-1/4"
	<u>Long String</u>
	Size: 5-1/2" Cemented with 800 SX
	TOC: 4082 feet determined by 80% calc
	Hole size: 7-7/8"
	Total Depth: 8440'
	<u>Injection Interval</u>
	- feet to - feet (perforated or open-hole, indicate which)

Tubing size - lined with - set in a - packer
at - feet. (Or describe any other casing-tubing seal).

Other Data

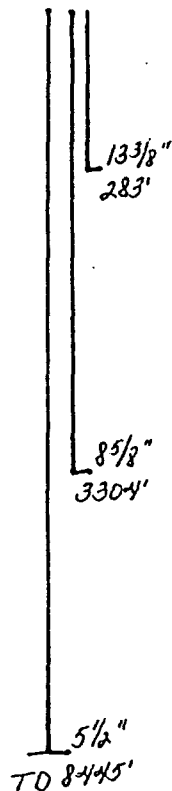
- Name of the injection formation:
 - Name of Field or Pool (If applicable) Lovington Abo
 - Is this a new well drilled for Injection? No
If no, for what purpose was the well originally drilled? Production
 - Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging details (sacks of cement or bridge plug(s) used).
-
5. Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area.
- (Above) Drinkard

INJECTION WELL DATA SHEET

Penroc		C. S. Caylor		
OPERATOR		LEASE		
4F	1653' FNL & 1558' FWL	6	17S	37E
WELL NO.	FOOTAGE LOCATION	SEC.	TOWNSHIP	RANGE

Tubular Data

Completed
7-14-52



Surface Casing

Size: 13-3/8" Cemented with 280 SX

TOC: Surface feet determined by calc

Hole size: 18"

Intermediate Casing

Size: 8-5/8" Cemented with 800 SX

TOC: 853 feet determined by 50% calc

Hole size: 12-1/4"

Long String

Size: 5-1/2" Cemented with 800 SX

TOC: 4087 feet determined by 80% calc

Hole size: 7-7/8"

Total Depth: 8445'

Injection Interval

- feet to - feet
(perforated or open-hole, indicate which)

Tubing size - lined with - set in a - packer
at - feet. (Or describe any other casing-tubing seal).

Other Data

1. Name of the injection formation:
2. Name of Field or Pool (If applicable) Lovington Abo
3. Is this a new well drilled for Injection? No
If no, for what purpose was the well originally drilled? Production
4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging details (sacks of cement or bridge plug(s) used).

5. Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area.

(Above) Drinkard

INJECTION WELL DATA SHEET

100

Texaco		C. S. Caylor		
OPERATOR		LEASE		
3	330' FNL & 2310' FEL	6	17S	37E
WELL NO.	FOOTAGE LOCATION	SEC.	TOWNSHIP	RANGE

Tubular DataCompleted
6-17-52Surface Casing

Size: 13-3/8" Cemented with 240 SX

TOC: Surface feet determined by ^{Circ}calc13 3/8"
240'

Hole size: 18"

Intermediate Casing

Size: 8-5/8" Cemented with 800 SX

TOC: 905 feet determined by 50% calc

Hole size: 12-1/4"

8 5/8"
3356'Long StringSize: 5-1/2" Cemented with ⁷⁵⁰450 SXTOC: 3270 feet determined by temp
survey

Hole size: 7-7/8"

Total Depth: 8435'

5 1/2"
TD 8435'Injection Interval- feet to - feet
(perforated or open-hole, indicate which)

Tubing size - lined with - set in a - packer
at - feet. (Or describe any other casing-tubing seal).

Other Data

1. Name of the injection formation:
2. Name of Field or Pool (If applicable) Lovington Abo
3. Is this a new well drilled for Injection? No
If no, for what purpose was the well originally drilled? Production
4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging details (sacks of cement or bridge plug(s) used).

5. Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area.

(Above) Drinkard

INJECTION WELL DATA SHEET

Texaco OPERATOR C. S. Caylor LEASE

4 WELL NO. 2179' ENL & 2173' FEL 6 SEC. 17S TOWNSHIP 37E RANGE

Tubular Data

Completed
8-14-52

Recompleted
San Andres
6-14-89

PBTD 7915
Perf 4600-4784'

Dec 27
Spz 5 1/2 at 49812
5042 w/150 SY
Y- 38 SY

Mo, 80
Spz 5 1/2 from 5010 to
4195 w/50 SY

Surface Casing

Size: 13-3/8" Cemented with 250 SX

TOC: Surface feet determined by CIRC calc

Hole size: 17-1/4"

Intermediate Casing

Size: 8-5/8" Cemented with 1800 SX

TOC: Surface feet determined by CIRC calc

Hole Size: 12-1/4"

Long String

Size: 5-1/2" Cemented with 600 SX

TOC: 4377 feet determined by 80% calc

Hole Size: 7-7/8"

Total Depth: 8665'

Injection Interval

feet to feet
(perforated or open-hole, indicate which)

Tubing size lined with set in a
(material)

packer at feet.
(brand & model)
(or describe any other casing-tubing seal).

Other Data

- Name of the injection formation
- Name of Field or Pool (If applicable) Lovington Abo
- Is this a new well drilled for injection? No
If no, for what purpose was the well originally drilled? Production
- Has the well ever be perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used).
- Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area.

Above Drinkard