

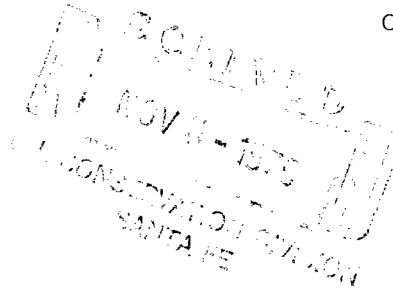


Getty Oil Company

Central Exploration and Production Division

P.O. Drawer DD
Levelland, Texas
79336
October 31, 1979

Energy and Minerals Department
Oil Conservation Commission
P.O. Box 2088
Santa Fe, New Mexico 87501



RE: Expansion of Water Flood on the
Lovington Paddock Unit

Gentlemen:

Getty Oil Company requests approval for expansion of the Lovington Paddock Unit injection system by addition of three wells. The Original Order No. was R-3124 for Lovington-Glorieta (Paddock) Formation, Lovington-Paddock Pool, Effective date: September 30, 1966. Expansion Order No. R-3352, Effective date: December 4, 1967. The need for Expansion of the waterflood is to complete the existing 5-spot pattern and to increase the production in this area of the unit, which would not be recovered without injection.

The following information for LPU #25, LPU #34, and LPU #53 is attached:

- (1) Plat of well locations and other wells in the area.
- (2) Copy of log of proposed injection wells.
- (3) Diagrammatic well sketch with pertinent facts for each well.

Upon approval please return one signed copy of this letter.


for C. L. Wade
Area Superintendent

Approved: _____

Title: _____

Date: _____

CLW/DD/sv

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SANTA FE

FILE

U.S.G.S.

LAND OFFICE

OPERATOR

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-103
Supersedes Old
C-102 and C-103
Effective 1-1-65

5a. Indicate Type of Lease

State ☒Fee ☐

5. State Oil & Gas Lease No.

B-7896

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO RE-OPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT TO DRILL" (FORM C-101) FOR SUCH PROPOSALS.)

1. ☒ OIL WELL ☐ GAS WELL ☐ OTHER-

7. Unit Agreement Name

Lovington Paddock Unit

2. Name of Operator

Getty Oil Company

8. Farm or Lease Name

3. Address of Operator

P.O. Drawer DD, Levelland, Texas 79336

9. Well No.

34

4. Location of Well

UNIT LETTER I 1830 FEET FROM THE South LINE AND 660 FEET FROM

10. Field and Pool, or Wildcat

Lovington Paddock

THE East LINE, SECTION 31 TOWNSHIP 16-S RANGE 37-E N.M.P.M.

15. Elevation (Show whether DF, RT, CR, etc.)

3821' DF

12. County

Lea

16.

Check Appropriate Box To Indicate Nature of Notice, Report or Other Data
NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

PERFORM REMEDIAL WORK ☐PLUG AND ABANDON ☐REMEDIAL WORK ☐ALTERING CASING ☐TEMPORARILY ABANDON ☐COMMENCE DRILLING OPNS. ☐PLUG AND ABANDONMENT ☐PULL OR ALTER CASING ☐CHANGE PLANS ☐CASING TEST AND CEMENT JOBS ☐OTHER ☐OTHER Convert to Water Injection ☒

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

1. Rig up pulling unit
2. Pull rods and tubing
3. Run tubing, internally plastic-coated, with Halliburton R-4 tension packer
4. Load casing annulus with inhibited fluid
5. Hook well to injection system and start injecting

18. I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNED Ernest Morales TITLE Area EngineerDATE October 31, 1979

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

Lovington Paddock Unit No. 25

BEFORE

Elevation: DF 3833'

AFTER

GL

Sea Zero Point

8 5/8" O.D. 24+32 # Csg. Set
@ 3215' w/ 1550 Skis
Top Cement Surface

~~NONE O.D. # Csg. Set
@ w/ Skis
Top Cement~~

~~Depth Control
Collars~~

2 3/8" tubing
@ 6240'

5 1/2" O.D. 14+15.5 # Csg. Set
@ 6106' w/ 450 Skis
Top Cement 4160'

6270' P.B.T.D.

Open Hole

6106-6270'

2 3/8" tubing
@ 6050'

Holliburton
R-H
Packer
@ 6050'

Open Hole

6106-6270'

Injection into: Paddock (Glorieta) formation

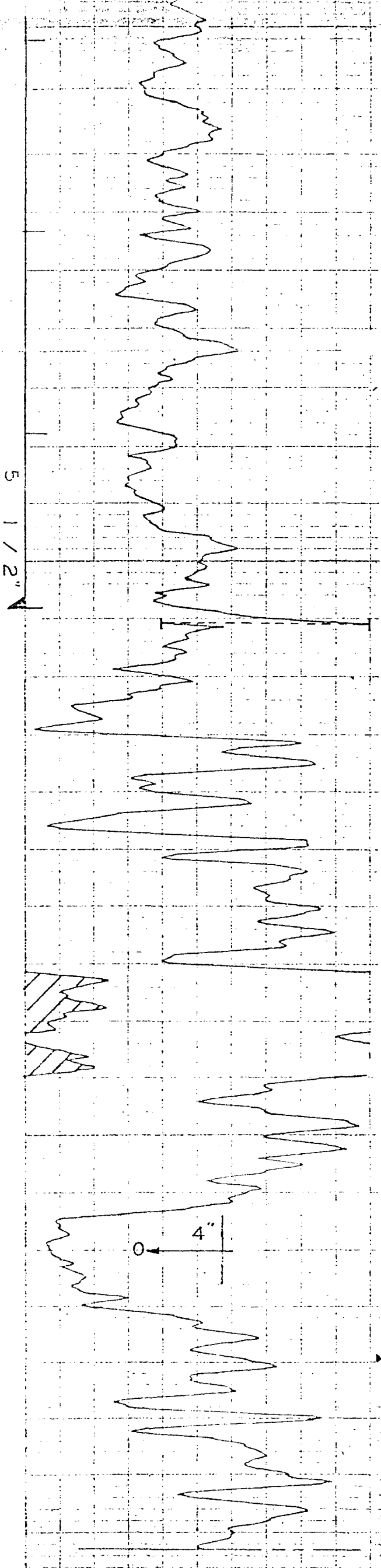
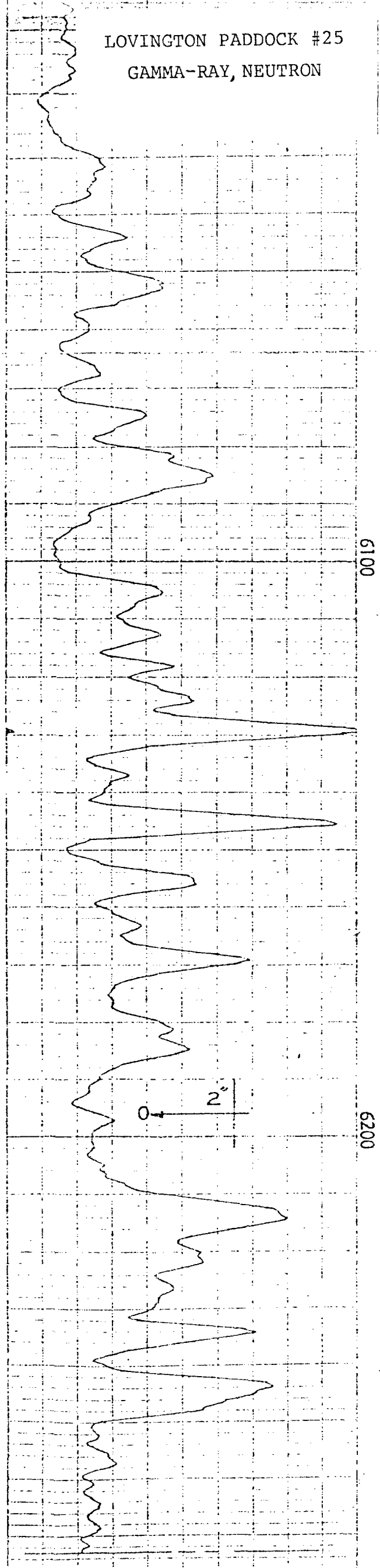
Depth: 6106-6270'

Fluid: Salt water + Fresh water

Anticipated Volume: 9000 BBLs/Months

Source of Injection Fluid: Produced Water + Fresh Water
From Unit wells

LOVINGTON PADDOCK #25
GAMMA-RAY, NEUTRON



Lovington Paddock Unit No. 3H

BEFORE

Elevation: DF 3821'

AFTER

GL _____

Zero Point _____

8 5/8" O.D. 32 # Csg. Set
@ 2047' w/ 1075 Sks
Top Cement Surface

~~NONE O.D.~~ ~~# Csg. Set~~
~~@ _____ w/ _____ Sks~~
~~Top Cement _____~~

2 3/8" tubing
@ 6243

~~Depth Control~~
~~Collars~~

5 1/2" O.D. 14 + 15.5 # Csg. Set
@ 6110' w/ 535 Sks
Top Cement 2257

6250' P.B.T.D.

Open Hole
6110' - 6250'

2 3/8" tubing
@ 6060

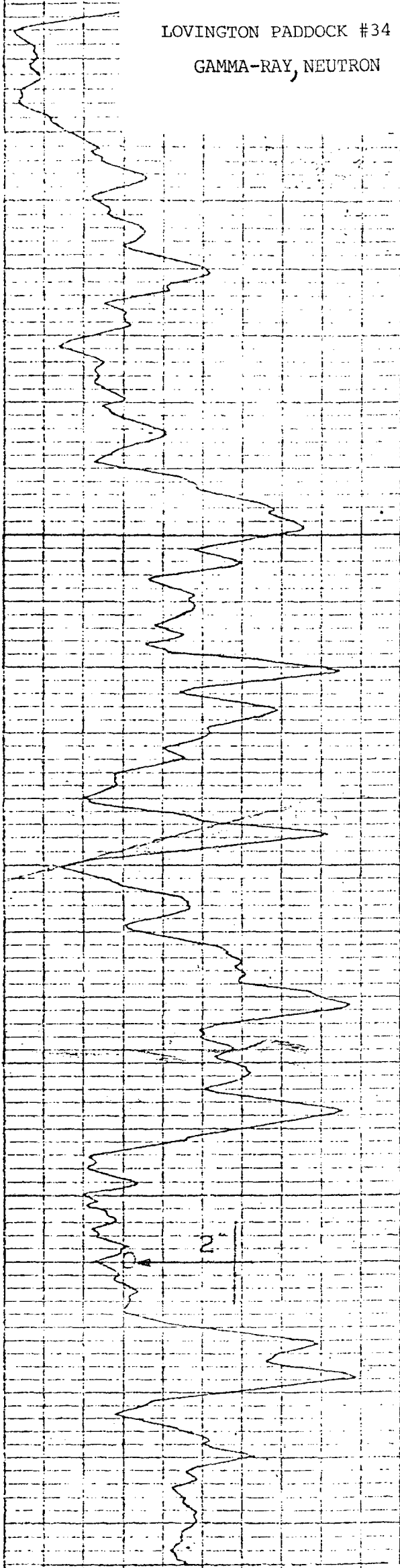
Halliburton
R-H Packer
@ 6060

Open Hole
6110' - 6250'

Injection into: Paddock (Glorieta) formation
Depth: 6110' - 6250'
Fluid: Salt Water + Fresh Water
Anticipated Volume: 9000 BBLs/Month
Source of Injection Fluid: Produced Water + Fresh Water

LOVINGTON PADDOCK #34

GAMMA-RAY, NEUTRON



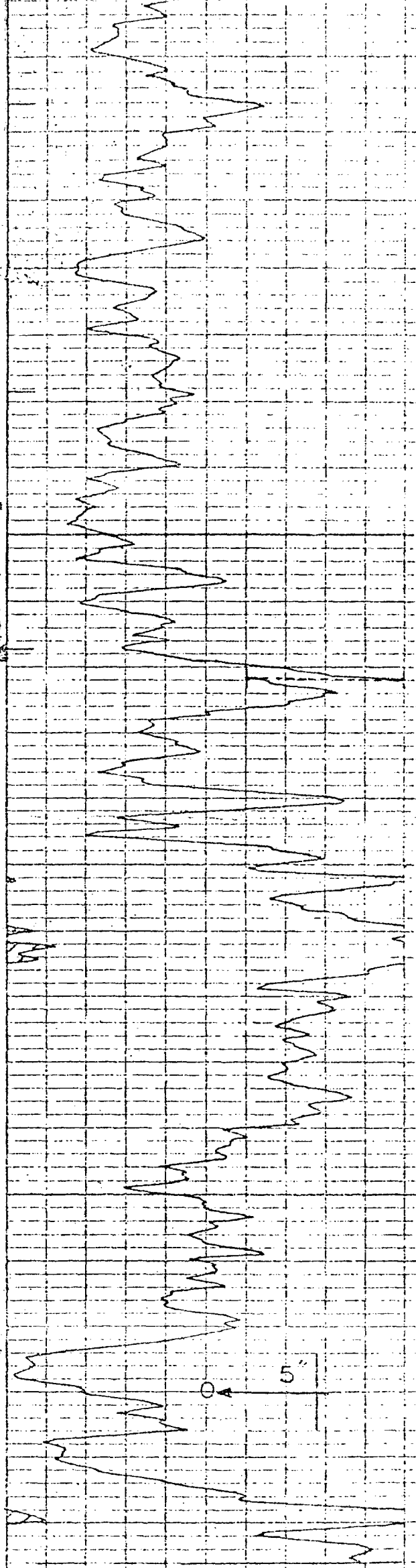
6100

6200

R. D. 6256'

T. D. 6258'

SKELLY OIL COMPANY
STATE O. N. 20
SOUTH LOVINGTON



5"

Lovington Padlock Unit No. 53

BEFORE

Elevation: DF 3815'

AFTER

GL

Zero Point

13 3/8" O.D. 44.5 # Csg. Set
@ 258' w/ 250 Sks
Top Cement surface

8 5/8" O.D. 32 # Csg. Set
@ 5010' w/ 2100 Sks
Top Cement 280

2 3/8" tubing
@ 6196'

~~Depth Control
Collars~~

6144'

6174'

5 1/2" O.D. 17 # Csg. Set
@ 6243' w/ 230 Sks
Top Cement 4116

6231' P.B.T.D.

2 3/8" tubing
@ 6090'

Halliburton
R-4 Packer
@ 6090'

Reinforced
w/ 200 wires
10' dia
4' foot

Injection into: Padlock (Glorieta) Formation
Depth: 6144' - 6231'
Fluid: Salt water & Fresh water
Anticipated Volume: 9000 BBLs/Month
Source of Fluid: Produced water & Fresh water
From Unit Wells,

LOVINGTON PADDOCK #53
GAMMA-RAY, NEUTRON

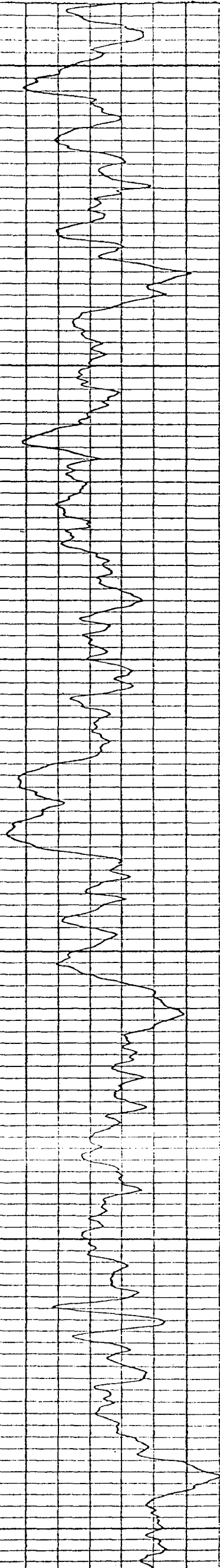
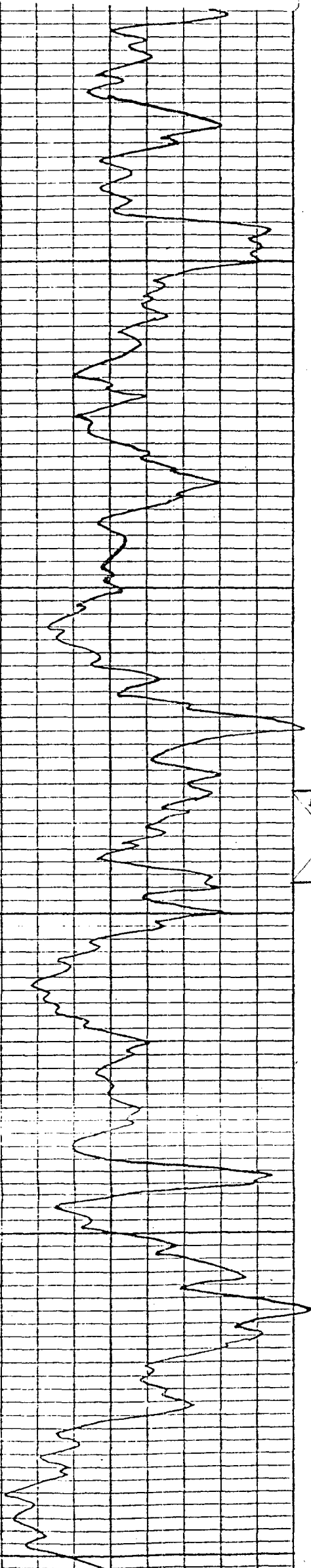
6100

6200

P8TD

5 1/2"
Csg.

6300



LARGE FORMAT
EXHIBIT HAS
BEEN REMOVED
AND IS LOCATED
IN THE NEXT FILE