



STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
 OIL CONSERVATION DIVISION
 HOBBS DISTRICT OFFICE

GARREY CARRUTHERS
 GOVERNOR

9-4-90

POST OFFICE BOX 1980
 HOBBS NEW MEXICO 88241-1980
 (505) 393-6161

R-9431

OIL CONSERVATION DIVISION
 P. O. BOX 2088
 SANTA FE, NEW MEXICO 87501

RE: Proposed:

MC _____
 DHC _____
 NSL _____
 NSP _____
 SWD _____
 WFX ☒ _____
 PMX _____

Gentlemen:

I have examined the application for the:

Greenhill Petroleum Corp.

Operator	Lease & Well No.	Unit	S-T-R
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and my recommendations are as follows:

DID NOT CHECK CLOSELY AS PER A
WELLS WERE NOT ATTACHED

#5-A 36-16-36
#7-D 31-16-37
#10-D 36-16-36
#12-K "
#13-D "
#15-K 31-6-37
#17-D 31-16-37
#25-D -36-16-36
#31-C 1-17-36
#35-C 6-17-37
#37-A 6-17-37
#39-E 6-17-37
#40-H 1-17-36
#43-E 1-17-36
#45-D 2-17-36
#57-M 36-16-36
#58-E 31-16-37

Yours very truly,

Jerry Sexton
 Jerry Sexton
 Supervisor, District 1

/ed

INJECTION WELL DATA SHEET

Greenhill Petroleum Corporation		Lovington San Andres		
OPERATOR		LEASE		
#31	660' FNL & 1980' FWL	1	17S	36E
WELL NO.	FOOTAGE LOCATION	SEC.	TOWNSHIP	RANGE

Tubular Data

Completed
12-22-39

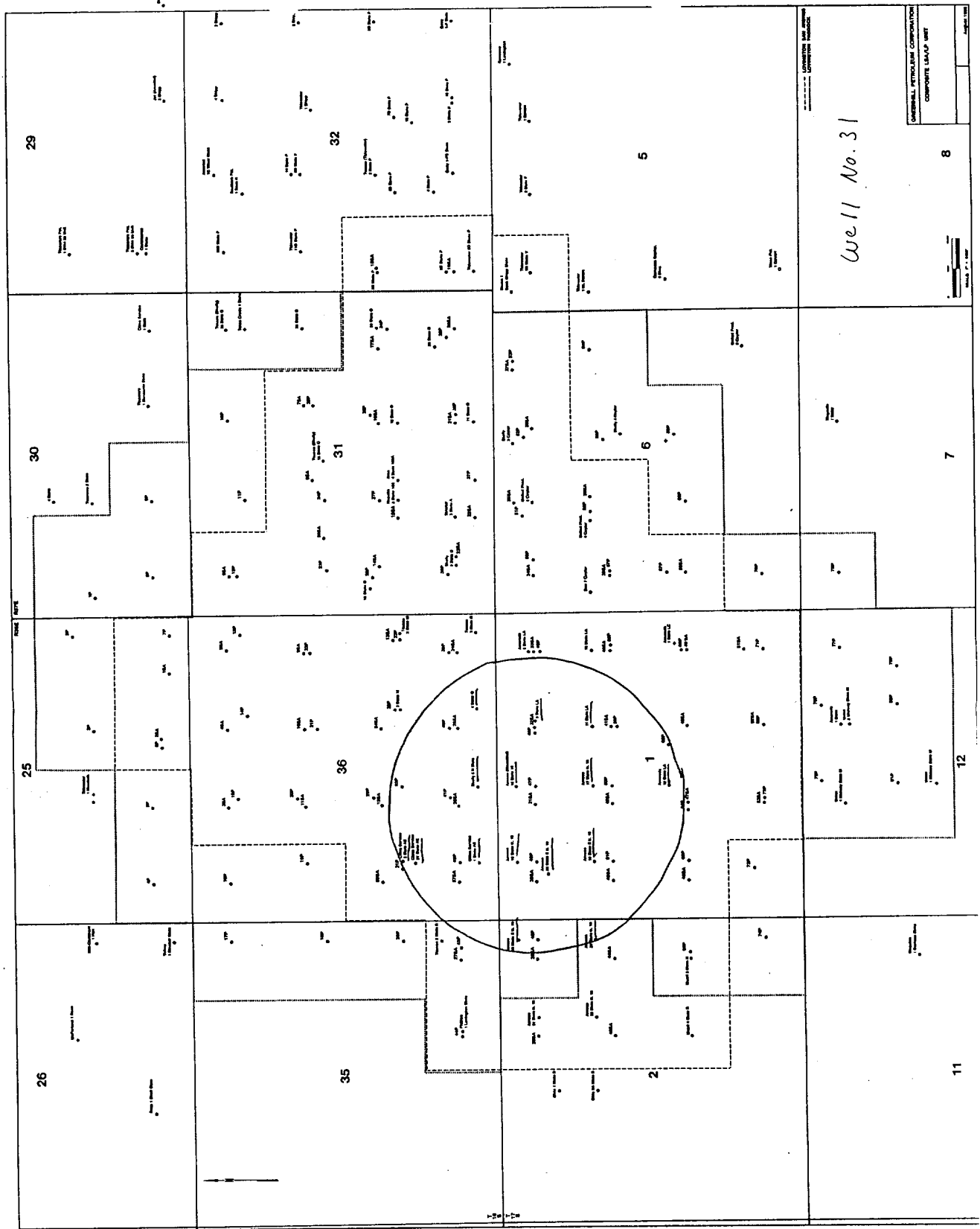
Deepened
6-20-87

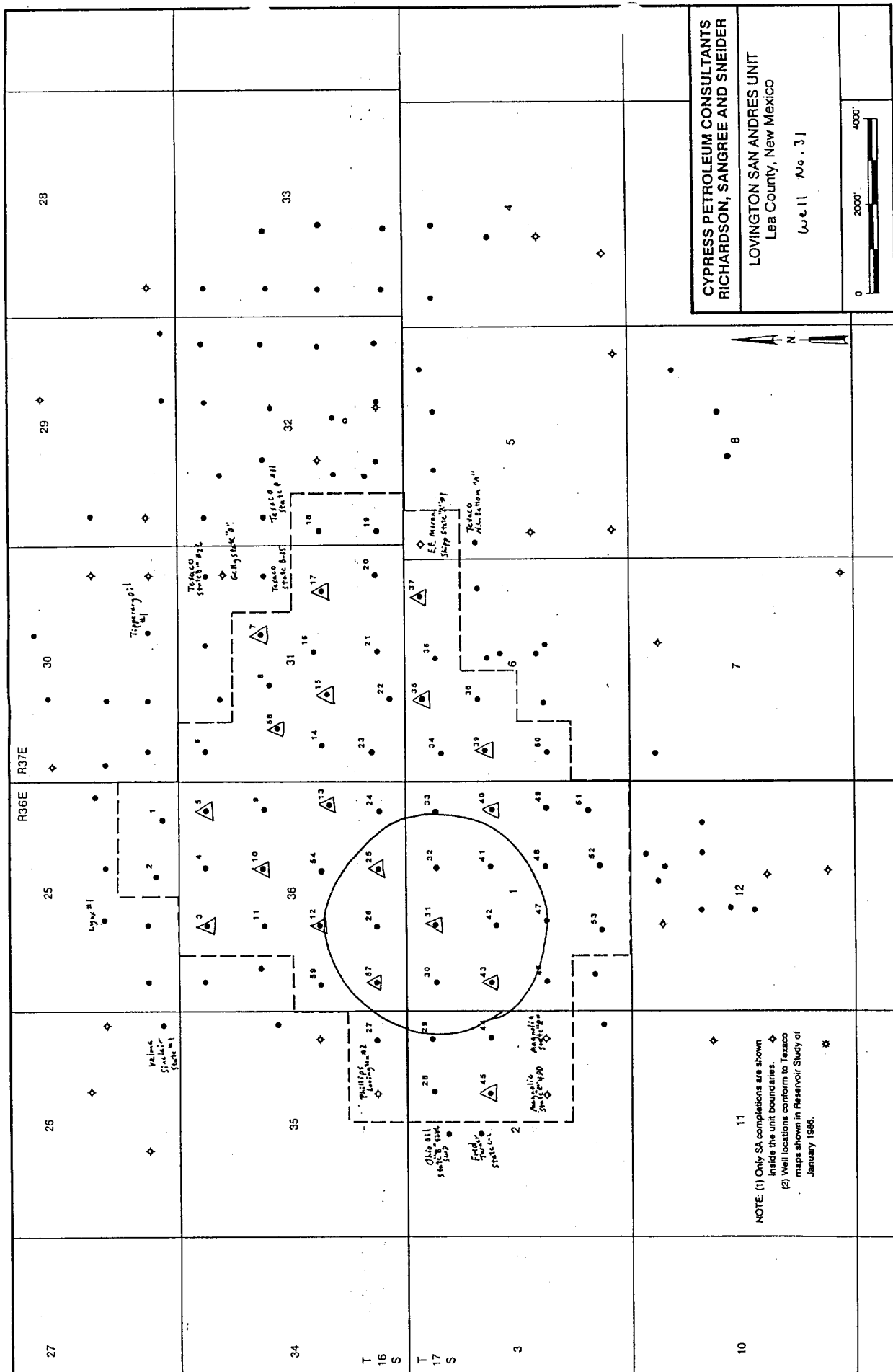
Surface Casing
 Size: 13 " Cemented with 200 SX
 TOC: Surface feet determined by circ
 Hole size: 17-1/4"
291'
13" Intermediate Casing
 Size: 8-5/8 " Cemented with 500 SX
 TOC: 2021 feet determined by calc
3109'
8 5/8" Long String
 Size: 5-1/2 " Cemented with 325 SX
4541'
5 1/2" TOC: 2890 feet determined by calc 80%
4960'
TD Hole Size: 7-7/8"
 Total Depth: 5125
5125'
TD Injection Interval
4541 feet to 5125 feet
 (perforated or open-hole, indicate which)

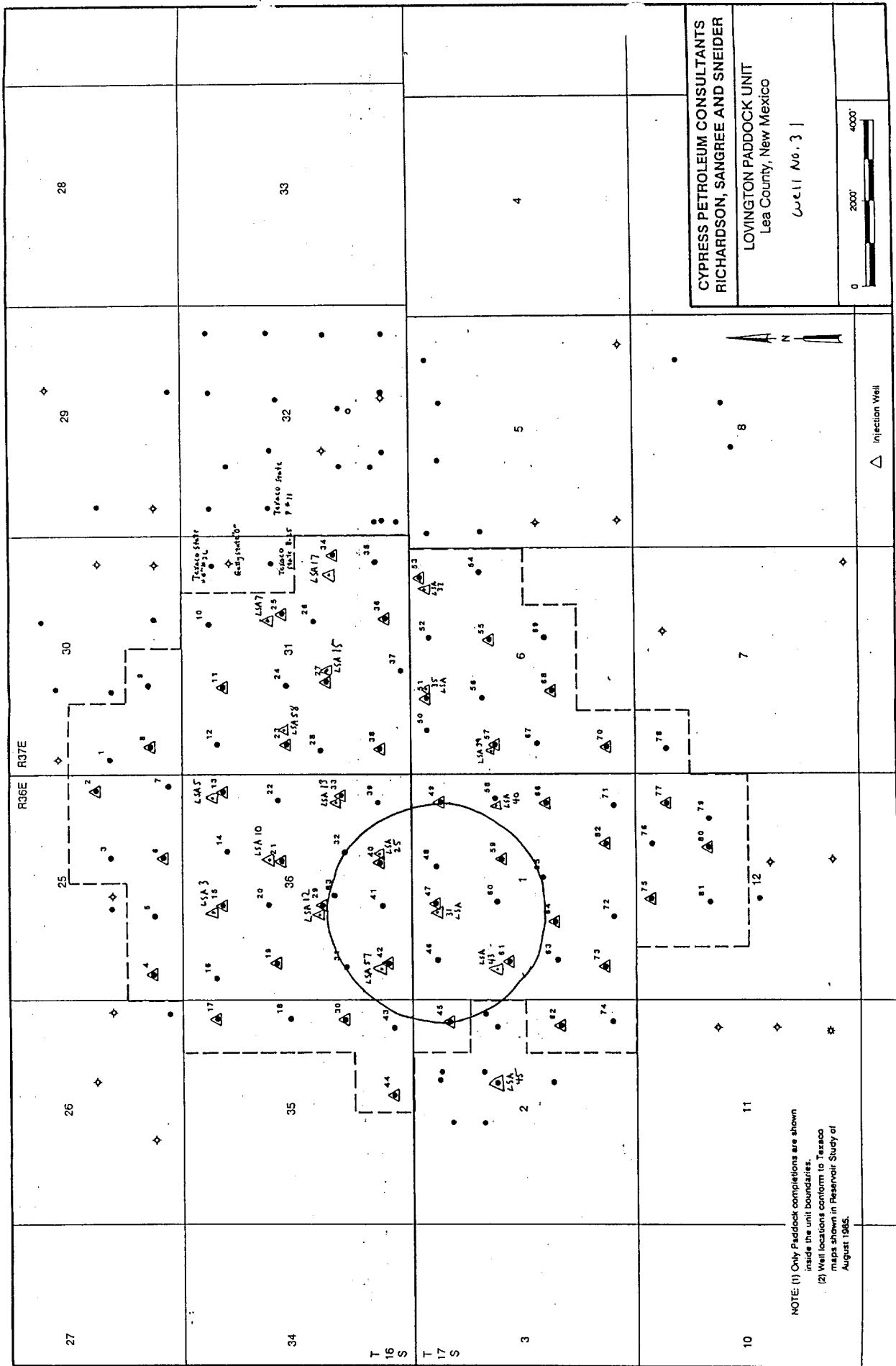
Tubing size 2-3/8" lined with IPC set in a
 (material)
water flood tension packer at 4499 feet.
 (brand & model)
 (or describe any other casing-tubing seal).

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







CYPRESS PETROLEUM CONSULTANTS
 RICHARDSON, SANGREE AND SNEIDER
 LOVINGTON PADDOCK UNIT
 Lea County, New Mexico
 Well No. 3

0 2000' 4000'

Injection Well

NOTE: (1) Only Paddock completions are shown inside the unit boundaries.
 (2) Well locations conform to Texas maps shown in Reservoir Study of August 1985.