

13 3/8" CSA 323' w/225 sx  
cement plus 8% gel followed  
by 100 sx neat cement.  
Cement circulated.

9 5/8" CSA 4495 w/440' sx  
cement plus 8% gel followed  
by 100 sx neat cement in  
first stage; 150 sx neat  
cement in second stage  
through DV tool set at  
2293'. Estimated top of  
cement at 1700'.

BEFORE EXAMINER USE  
OF CONSERVATION COMMISSION  
Cypel EXHIBIT NO. 2  
CASE NO. 2376

Annulus will be loaded with  
inhibited fresh water.

2 7/8" internally coated  
tubing will be bottomed  
at approximately 9580'.

Packer will be set at  
approximately 9575'.

Disposal will be through  
existing perforations  
9610-9636' into main zone  
of Wolfcamp porosity.

PBD 9770

7" CSA 9818' with 150 sx cat  
plus 4% gel plus 150 cu. ft.  
of perlite. Estimated top of  
cement at 7650'.

TD 9820'

PAN AMERICAN PETROLEUM CORPORATION  
SCHEMATIC DIAGRAM SHOWING PROPOSED COMPLETION OF  
PAN AMERICAN PETROLEUM CORPORATION - WINGERD NO. 8  
FOR DISPOSAL PURPOSES

BEFORE EXAMINER UTZ  
OIL CONSERVATION COMMISSION  
*Appl.* EXHIBIT NO. 4  
CASE NO. 2316

WELLS TO BE CONNECTED TO  
GLADICLA FIELDS  
SALT WATER DISPOSAL SYSTEM  
LEA COUNTY, NEW MEXICO

Wolfcamp Reservoir

| <u>Operator</u> | <u>Well</u>       | <u>BOPD*</u> | <u>BWPD*</u> |
|-----------------|-------------------|--------------|--------------|
| Pan American    | Houston "A" No. 2 | 6            | 1            |
|                 | Wingerd No. 4     | 37           | 61           |
|                 | Wingerd No. 7     | Shut-In      | Shut-In      |
|                 | Wingerd No. 11    | Shut-In      | Shut-In      |
| Shell           | Markham No. 1     | 23           | 19           |

Devonian Reservoir

|              |                    |            |          |
|--------------|--------------------|------------|----------|
| Pan American | Houston "A" No. 1  | 111        | 425      |
|              | Houston "B" No. 1  | 68         | 112      |
|              | State 19 No. 1     | 4          | 50       |
|              | State 19 "A" No. 1 | 15         | 175      |
|              | State 19 "A" No. 2 | 235        | 0        |
|              | State 19 "B" No. 1 | 236        | 104      |
|              | Wingerd No. 2      | 238        | 0        |
|              | Wingerd No. 5      | 238        | 0        |
|              | Wingerd No. 6      | 238        | 300      |
|              | Wingerd No. 10     | 86         | 91       |
|              | Wingerd No. 12     | 136        | 0        |
|              | Wingerd No. 13     | <u>238</u> | <u>0</u> |
| Totals       |                    | 1,909      | 1,288    |

\* Based upon data compiled in New Mexico Oil and Gas Engineering Committee  
Monthly Statistical Report for April, 1961.

WELLS TO BE CONNECTED TO  
GLADIOLA FIELDS  
SALT WATER DISPOSAL SYSTEM  
LEA COUNTY, NEW MEXICO

Wolfcamp Reservoir

| <u>Operator</u> | <u>Well</u>       | <u>BOPD*</u> | <u>BWPD*</u> |
|-----------------|-------------------|--------------|--------------|
| Pan American    | Houston "A" No. 2 | 6            | 2            |
|                 | Wingerd No. 4     | 39           | 117          |
|                 | Wingerd No. 7     | Shut-in      | Shut-in      |
|                 | Wingerd No. 11    | Shut-in      | Shut-in      |
| Shell           | Markham No. 1     | 26           | 11           |

Devonian Reservoir

|              |                    |            |          |
|--------------|--------------------|------------|----------|
| Pan American | Houston "A" No. 1  | 151        | 308      |
|              | Houston "B" No. 1  | 73         | 79       |
|              | State-19 No. 1     | 17         | 50       |
|              | State 19 "A" No. 1 | 9          | 110      |
|              | State 19 "A" No. 2 | 232        | 0        |
|              | State 19 "B" No. 1 | 238        | 106      |
|              | Wingerd No. 2      | 235        | 0        |
|              | Wingerd No. 5      | 235        |          |
|              | Wingerd No. 6      | 235        | 114      |
|              | Wingerd No. 10     | 83         | 90       |
|              | Wingerd No. 12     | 136        | 0        |
|              | Wingerd No. 13     | <u>235</u> | <u>0</u> |
| Totals       |                    | 1950       | 986      |

\* Based upon data compiled in New Mexico Oil and Gas Engineering Committee Monthly Statistical report for January 1961.

*93/6*