

VACUUM GLORIETA EAST UNIT WATERFLOOD  
FRESH WATER LOCATIONS IN THE "AREA OF REVIEW"

| WELL NAME AND NUMBER                | SURFACE LOCATION |   |          |       | * AQUIFER NAME | * DEEPEST FRESH WATER |
|-------------------------------------|------------------|---|----------|-------|----------------|-----------------------|
| Buckeye Store Water Well            | 800'FSL          | & | 300'FEL  | Sec25 | 17S 34E        | Ogallala 234 feet     |
| Ranch Windmill                      | 450'FSL          | & | 1550'FWL | Sec23 | 17S 35E        | Ogallala 234 feet     |
| EVGSAU Supply Well #2721-SO4        | 550'FSL          | & | 1850'FWL | Sec27 | 17S 35E        | Ogallala 234 feet     |
| EVGSAU Supply Well #2865-SO2        | 1900'FNL         | & | 600'FWL  | Sec28 | 17S 35E        | Ogallala 234 feet     |
| EVGSAU Supply Well #2941-SO5        | 1900'FSL         | & | 1900'FWL | Sec29 | 17S 35E        | Ogallala 234 feet     |
| Lee Plant Monitor Well #2           | 75'FSL           | & | 1426'FEL | Sec30 | 17S 35E        | Ogallala 234 feet     |
| Lee Plant Supply Well #2            | 75'FSL           | & | 1930'FEL | Sec30 | 17S 35E        | Ogallala 234 feet     |
| Lee Plant Supply Well #1            | 75'FSL           | & | 2425'FEL | Sec30 | 17S 35E        | Ogallala 234 feet     |
| Texaco CVU Supply Well #1 (redrill) | 236'FSL          | & | 325'FWL  | Sec30 | 17S 35E        | Ogallala 234 feet     |
| Lee Plant Monitor Well #1           | 260'FSL          | & | 1668'FEL | Sec30 | 17S 35E        | Ogallala 234 feet     |
| Forklift Ent. Buckeye Station       | 940'FNL          | & | 380'FWL  | Sec30 | 17S 35E        | Ogallala 234 feet     |
| Lee Plant Monitor Well #4           | 53'FNL           | & | 1647'FEL | Sec31 | 17S 35E        | Ogallala 234 feet     |
| Lee Plant Monitor Well #3           | 79'FNL           | & | 1542'FEL | Sec31 | 17S 35E        | Ogallala 234 feet     |
| Lee Plant Supply Well #3            | 825'FNL          | & | 2310'FEL | Sec31 | 17S 35E        | Ogallala 234 feet     |
| Lee Plant Supply Well #4            | 1280'FNL         | & | 1320'FWL | Sec31 | 17S 35E        | Ogallala 234 feet     |
| N.M. Potash Corp. Well #8           | 1320'FSL         | & | 400'FWL  | Sec31 | 17S 35E        | Ogallala 234 feet     |
| Chevron Doghouse                    | 500'FNL          | & | 660'FWL  | Sec32 | 17S 35E        | Ogallala 234 feet     |
| Exxon Doghouse                      | 500'FNL          | & | 2400'FEL | Sec32 | 17S 35E        | Ogallala 234 feet     |

BEFORE EXAMINER CATANACH  
OIL CONSERVATION DIVISION  
PHILLIPS PETROLEUM COMPANY  
EXHIBIT NO. 11  
CASE NO. 10485 And 10486

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|-------------------------------|------------------|---|----------|-------|----------------|-----------------------|----------|----------|
| EVGSAU Supply Well #3202--SO7 | 600'FSL          | & | 1650'FEL | Sec32 | 17S            | 35E                   | Ogallala | 234 feet |
| Ranch Well                    | 2310'FSL         | & | 560'FWL  | Sec32 | 17S            | 35E                   | Ogallala | 234 feet |
| Ranch Windmill                | 2310'FSL         | & | 760'FWL  | Sec32 | 17S            | 35E                   | Ogallala | 234 feet |
| State Observation Well #1     | 850'FNL          | & | 475'FEL  | Sec33 | 17S            | 35E                   | Ogallala | 234 feet |
| Ranch Windmill                | 1100'FNL         | & | 1400'FWL | Sec33 | 17S            | 35E                   | Ogallala | 234 feet |
| SW Public Service Well #28    | 2055'FSL         | & | 100'FEL  | Sec33 | 17S            | 35E                   | Ogallala | 234 feet |
| EVGSAU Supply Well #3366--SO6 | 2100'FNL         | & | 550'FWL  | Sec33 | 17S            | 35E                   | Ogallala | 234 feet |
| Phillips Monitor Well #2      | Unit I           |   |          | Sec33 | 17S            | 35E                   | Ogallala | 234 feet |
| State Observation Well #5     | 1300'FSL         | & | 840'FWL  | Sec34 | 17S            | 35E                   | Ogallala | 234 feet |
| SW Public Service Well #27    | 2000'FSL         | & | 2625'FEL | Sec34 | 17S            | 35E                   | Ogallala | 234 feet |
| Phillips Monitor Well #4A     | Unit L           |   |          | Sec34 | 17S            | 35E                   | Ogallala | 234 feet |
| Texaco Recovery Well #1       | 515'FNL          | & | 759'FEL  | Sec01 | 18S            | 34E                   | Ogallala | 234 feet |
| Texaco Recovery Well #2       | 596'FNL          | & | 313'FEL  | Sec01 | 18S            | 34E                   | Ogallala | 234 feet |
| Mobil Supply Well #SO8        | 300'FNL          | & | 1900'FEL | Sec05 | 18S            | 35E                   | Ogallala | 234 feet |
| Texaco CVU Supply Well #3     | 10'FNL           | & | 160'FWL  | Sec06 | 18S            | 35E                   | Ogallala | 234 feet |
| Texaco CVU Supply Well #2     | 330'FNL          | & | 1980'FWL | Sec06 | 18S            | 35E                   | Ogallala | 234 feet |
| Ranch Windmill                | 1980'FNL         | & | 2180'FEL | Sec06 | 18S            | 35E                   | Ogallala | 234 feet |