### Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, New Mexico 87505

Revised 4-1-98

### APPLICATION FOR AUTHORIZATION TO INJECT

|       | APPLICATION FOR AUTHORIZATION TO INJECT   |                        |  |
|-------|---|------------------------|--|
| .ì    | PURPOSE: X Secondary Recovery Pressure Maintenance Application qualifies for administrative approval? Yes X No  | Disposal               | Storage  |
| 11.   | OPERATOR: Seely Oil Company   |                        | ~~···  |
|       | ADDRESS: 815 W. 10th St., Fort Worth, Texas 76102   |                        |  |
|       | CONTACT PARTY: David L. Henderson   | PHONE: _817.           | /332-1377  |
| III.  | WELL DATA: Complete the data required on the reverse side of this form for each well proposed Additional sheets may be attached if necessary.   | ed for injection.      |  |
| IV.   | Is this an expansion of an existing project? Yes X No If yes, give the Division order number authorizing the project:   |                        |  |
| V.    | Attach a map that identifies all wells and leases within two miles of any proposed injection well drawn around each proposed injection well. This circle identifies the well's area of review.  | with a one-half mile   | radius circle                                    |
| VI.   | Attach a tabulation of data on all wells of public record within the area of review which penetra Such data shall include a description of each well's type, construction, date drilled, location, departments of any plugged well illustrating all plugging detail.  |                        |  |
| VII.  | Attach data on the proposed operation, including:   |                        |  |
|       | <ol> <li>Proposed average and maximum daily rate and volume of fluids to be injected;</li> <li>Whether the system is open or closed;</li> <li>Proposed average and maximum injection pressure;</li> <li>Sources and an appropriate analysis of injection fluid and compatibility with the receiving for produced water; and,</li> <li>If injection is for disposal purposes into a zone not productive of oil or gas at or within one in chemical analysis of the disposal zone formation water (may be measured or inferred from ewells, etc.).</li> </ol> | nile of the proposed v | vell, attach a                                   |
| *VIII | . Attach appropriate geologic data on the injection zone including appropriate lithologic detail, g depth. Give the geologic name, and depth to bottom of all underground sources of drinking wat total dissolved solids concentrations of 10,000 mg/l or less) overlying the proposed injection zo known to be immediately underlying the injection interval.  | er (aquifers containin | ig waters with                                   |
| IX.   | Describe the proposed stimulation program, if any.  |                        |  |
| *X.   | Attach appropriate logging and test data on the well. (If well logs have been filed with the Divis  | sion, they need not be | resubmitted).                                    |
| *XI.  | Attach a chemical analysis of fresh water from two or more fresh water wells (if available and prinjection or disposal well showing location of wells and dates samples were taken.   | roducing) within one   | mile of any                                      |
| XII.  | Applicants for disposal wells must make an affirmative statement that they have examined available and find no evidence of open faults or any other hydrologic connection between the dispose sources of drinking water.  |                        |  |
| XIII. | Applicants must complete the "Proof of Notice" section on the reverse side of this form.  |                        |  |
|       | Certification: I hereby certify that the information submitted with this application is true and cor and belief.  | rect to the best of my | knowledge  |
|       | NAME:David L. HendersonTITLE:   | ce President           |  |
|       | SIGNATURE: Manth Mendason DATE  | :10/10/02              |  |
| *     | Santa Fe, New Mexico  | ed, it need not be res |  |
| DISTR | UBUTION: Original and one cop  Case Nos. 12964/12983 Exhibit No. 17  District Office Submitted by: Seely Oil Company  | 1                      | <del>,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,</del> |

Hearing Date: January 9, 2003

### SEELY OIL COMPANY

815 WEST TENTH STREET FORT WORTH, TEXAS 76102

### OIL CONSERVATION DIVISION FORM-108

Application of Seely Oil Company
For a Secondary Recovery Project
EK Penrose Sand Unit
Lea County, New Mexico

### I. Purpose

Application is made for authorization to inject water into the Penrose formation underlying various leases in Sections 24 & 25-T18S-R33E and Sections 19, 20, 29 & 30-T18S-R34E, Lea County, New Mexico, as shown on the enclosed map. This project would be classified as a secondary recovery project for recovering hydrocarbons that cannot be recovered by primary means.

### II. Operator

Seely Oil Company 815 W. 10<sup>th</sup> Street Fort Worth, Texas 76102

Phone Number: (817) 332-1377

### III. Injection Well Data

A well data sheet is attached for each of the wells that we propose for water injection. Six (6) wells are scheduled to be converted to water injection, one (1) well is to be deepened and completed in the injection zone, one (1) well is to be recompleted in the injection zone, and one (1) to be drilled.

All of the proposed injection wells are shown on the attached Plan of Development map.

### IV. Existing Project

The proposed project is not an expansion of a previous project

### V. Ownership

A lease ownership map is enclosed which identifies all wells and lease ownership within two (2) miles of any of the seven (7) proposed injection wells. A separate map is attached on which the area of review has been identified by drawing a one-half mile circle around each injection well.

### VI. Well Data

There are forty-three (43) wells that have been drilled through the Penrose formation within the area of review. Sixteen (16) have been plugged and abandoned or plugged back out of the Penrose, and the remainder are active. Available data for each well is enclosed on the well data sheets as well as all necessary schematics for injection wells and plugged and abandoned wells.

### VII. Project Data

- 1. The proposed daily average water injection is estimated to be 100 barrels per day for each of the proposed seven (7) injection wells.
- 2. All oil and water produced will be separated and stored in covered production tanks; thus, this is a closed system.
- 3. Initially the injection wells may take water on a vacuum, but as the reservoir fills a positive surface injection pressure will be required to inject water. The maximum injection pressure will also be determined by proposed step-rate pressure tests. At no time prior to the step-rate tests will the injection pressure exceed a pressure limitation of 0.2 PSIG per foot of depth to the top of the injection interval.
- 4. The source of injection fluid will be produced water from the producing wells within the unit and produced water from nearby Bone Springs production.
- 5. No water compatibility problems are expected since compatibility tests were performed on various water samples from the proposed water sources and the water produced within the unit area.

### VIII. Geologic Information

The Penrose Sand is a member of the Guadalupian series of Permian Age.

The productive sand is a grey, fine to medium grain, friable quartz sandstone. The thickness varies from a few feet to about ten feet. The sand appears to be a wedge or bar deposit isolated by hard dense anhydrite above the pay and a red silty sand with calcerous or anhydritic cementation below the porosity developments. The productive Penrose in this area develops porosity in the very top of the Penrose. The Ogollala aquifer is overlying the proposed injection zone at a depth of 250-300 feet.

### IX. Stimulation Program

Each of the currently producing wells has previously received a fracture treatment which are outlined on the enclosed well data sheets.

The wells that will be converted to water injection may require a small clean-up acid treatment in the amount of about 1,000 to 2,000 gallons prior to injection. Any wells that are drilled for injection will be acidized with a small clean-up acid job and fracture treated with 10,000 to 20,000 gallons and 15,000 to 30,000 lbs. sand.

- X. All well logs and test data have been previously submitted to the Oil Conservation Division.
- XI. No known fresh water wells are located within one mile of any injection well.
- XII. Available engineering and geologic data show no evidence of open faulting or any other hydrologic connection between the injection zone and any underground source of drinking water.

### XII. Certification

I hereby certify that the information submitted with this application is true and correct to the best of my knowledge and belief.

DAVID L. HENDERSON PETROLEUM ENGINEER

October 10, 2002

### OFFSET OPERATORS

### Section 24-T18S-R33E

BP America 501 Westlake Park Blvd. Houston, Texas 77253

Devon SFS Operating, Inc. P. O. Box 730292 Dallas, Texas 75373-0292

### Section 25-T18S-R33E

Concho Oil & Gas Corp. 110 West Louisiana, Suite 410 Midland, Texas 79701

C. W. Trainer
P. O. Box 754
Midland, Texas 79702

BTA Oil Producers 104 S. Pecos Midland, Texas 79701

### Section 19-T18S-R34E

Devon SFS Operating, Inc. P. O. Box 730292 Dallas, Texas 75373-0292

### Section 20-T18S-R34E

Concho Oil & Gas Corp. 110 West Louisiana, Suite 410 Midland, Texas 79701

### Section 29-T18S-R34E

C. W. Trainer P. O. Box 754 Midland, Texas 79702

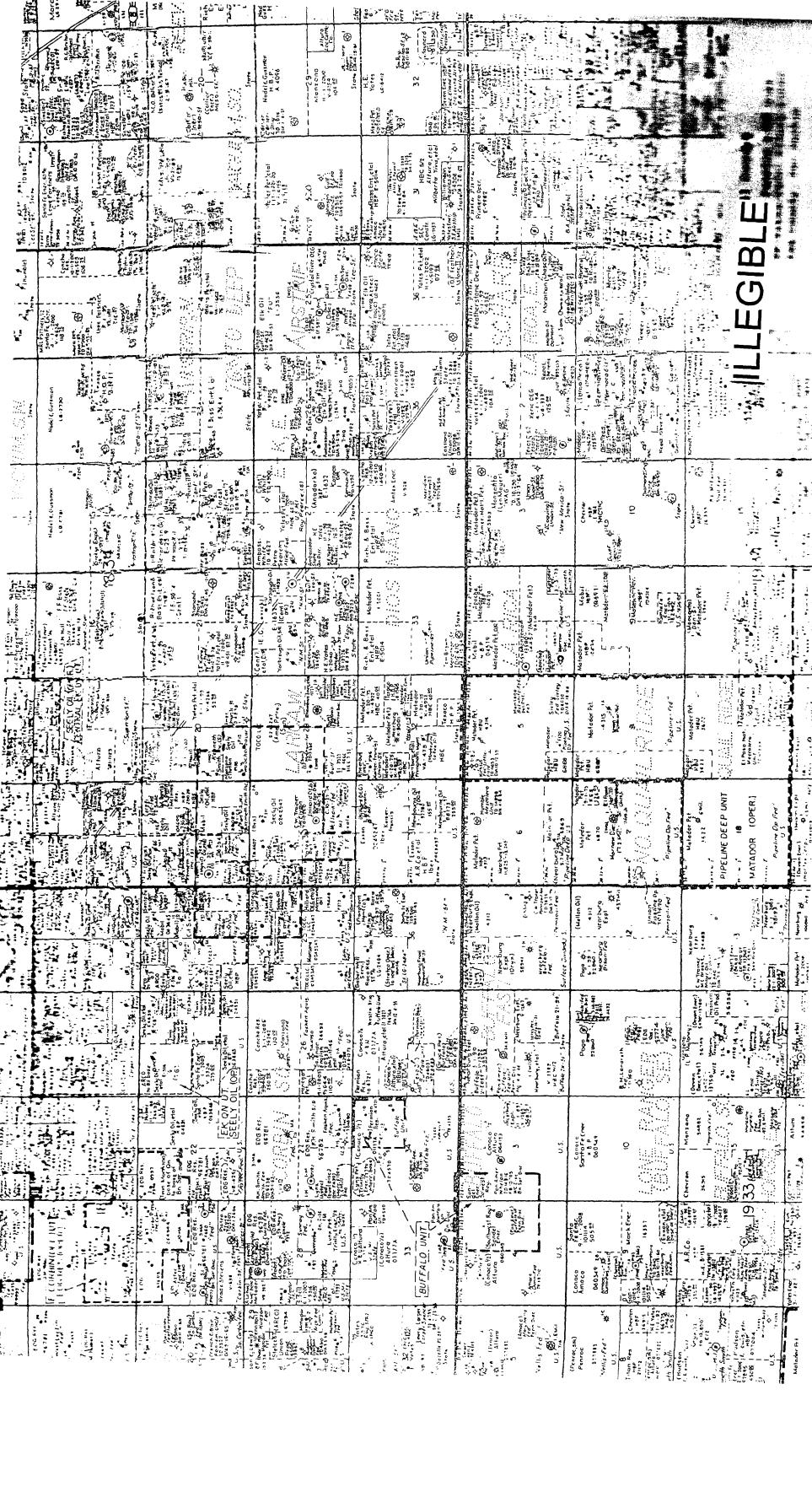
Rhombus Energy 200 N. Lorraine, Suite 1270 Midland, Texas 79701

### Section 30-T18S-R34E

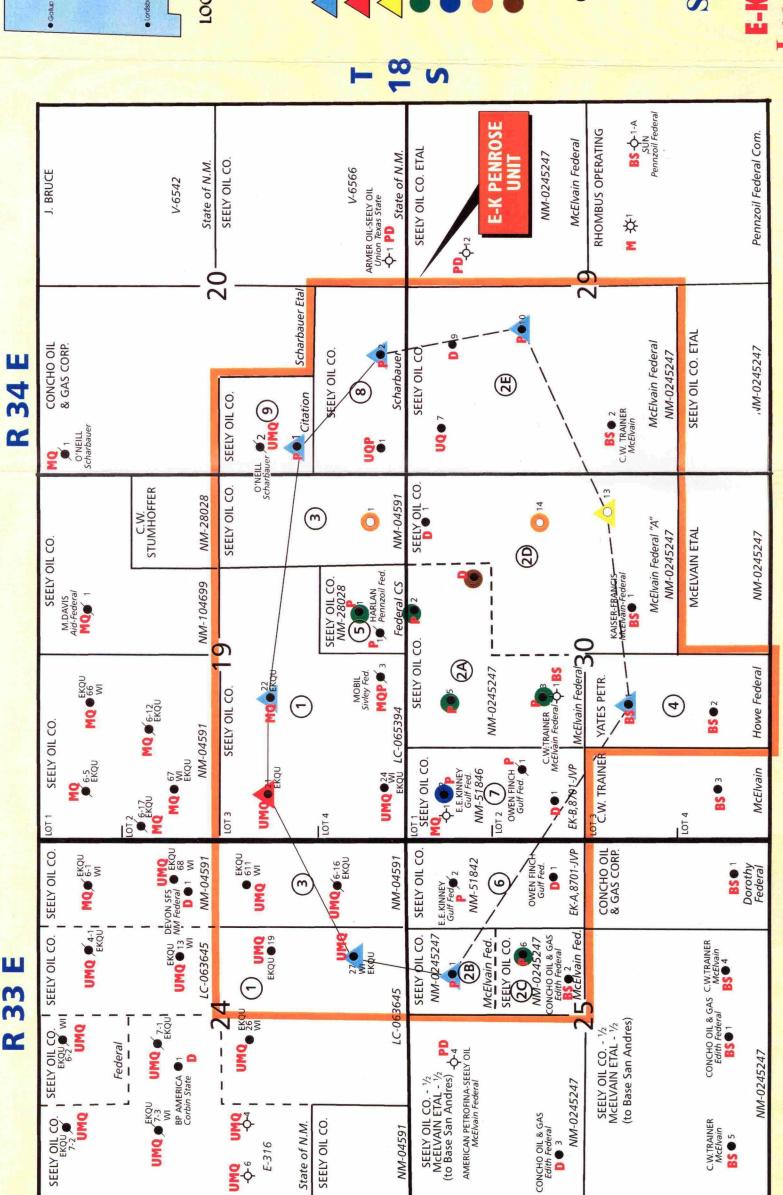
C. W. Trainer P. O. Box 754 Midland, Texas 79702

Yates Petroleum Corporation 105 S. Fourth St. Artesia, New Mexico 88210

Kaiser Francis
Box 21468
Tulsa, Oklahoma 74121-1468



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### 0 ½ Mile SCALE

Wells to be Plugged-Back for Production

Wells to be Re-entered for Production

Wells to be Drilled

Current Penrose Producers

## Seely Oil Company

## E-K PENROSE SAND UNIT Lea County, New Mexico

# PLAN OF DEVELOPMENT

Latest Revision: 9-9-02

| OPERATOR<br>WELL NO.     | Arco Permian<br>1         |                    | oc        | LEASE<br>1980 FNL              | Corbin State<br>& 2310 FWL | SECTION<br>UNIT LETTER                | 24-18S-33E<br>f |
|--------------------------|---------------------------|--------------------|-----------|--------------------------------|----------------------------|---------------------------------------|-----------------|
|                          |                           | TU                 | JBULAR    | DATA                           |                            |                                       |                 |
| SURFACE CAS              | ING                       |                    |           |                                |                            |                                       |                 |
| SIZE<br>TOC<br>HOLE SIZE | 8 5/8<br>Surface<br>11    | 24 lbs/ft          |           | CEMENTE<br>DETERMI<br>SETTING  | NED BY                     | 195<br>Circulation<br>427             | SX.             |
| INTERMEDIATE             | CASING                    |                    |           |                                |                            |                                       |                 |
| SIZE<br>TOC<br>HOLE SIZE |                           |                    |           | CEMENTE<br>DETERMI<br>SETTING  | NED BY                     |                                       |                 |
| LONG STRING              |                           |                    |           |                                |                            |                                       |                 |
| SIZE<br>TOC<br>HOLE SIZE | 5 1/2<br>Surface<br>7 7/8 | 15.5 lbs/ft        |           | CEMENTE<br>DETERMII<br>SETTING | NED BY                     | 1150<br>Circulation<br>5496           |                 |
| TOTAL DEPTH              | 5505 '                    |                    |           |                                |                            |                                       |                 |
| f<br>:                   |                           | PR                 | ODUCI     | NG INTER                       | VAL                        |                                       |                 |
| FORMATION<br>SPUD DATE   | Delaware<br>4/25/2000     |                    |           | POOL OR<br>COMPLET             | FIELD<br>TION DATE         | EK (Delaware)<br>5/16/2000            |                 |
| PERFORATED               | 5359                      | FEET TO            | 5433      | FEET                           |                            |                                       |                 |
| STIMULATION              | Acid- 3k gallor           | ıs 15%. Frac- 25.6 | 6k Gallor | ns V/K 125                     | w/ 21.6k lbs s             | and                                   |                 |
| OTHER PERFOR             | RATED ZONES               | <b>;</b>           |           |                                |                            |                                       |                 |
|                          |                           | cu                 | RRENT     | STATUS                         |                            |                                       |                 |
| OF THE WELL              | Pi                        | roducing           |           |                                |                            |                                       |                 |
| IF P&A, LIST PLU         | JGGING DETA               | ILS                |           |                                |                            |                                       |                 |
|                          |                           |                    |           |                                |                            | · · · · · · · · · · · · · · · · · · · |                 |
|                          |                           |                    |           |                                |                            |                                       |                 |

| OPERATOR<br>WELL NO.     | Devon Oil Corp.<br>1              | LOC<br>TUBULA    | LEASE New Mexico<br>2080 FNL & 600 FEL<br>R DATA |                                  | 4-18S-33E<br>Н |
|--------------------------|-----------------------------------|------------------|--|----------------------------------|----------------|
| SURFACE CAS              | ING                               |                  |  |                                  |                |
| SIZE<br>TOC<br>HOLE SIZE | 13 3/8 54.5<br>Surface<br>17 1/2  | lbs/ft           | CEMENTED WITH<br>DETERMINED BY<br>SETTING DEPTH  | 425 s<br>Circulation<br>404      | x.             |
| INTERMEDIATE             | CASING                            |                  |  |                                  |                |
| SIZE<br>TOC<br>HOLE SIZE | 8 5/8 32<br>Surface<br>11         | lbs/ft           | CEMENTED WITH<br>DETERMINED BY<br>SETTING DEPTH  | 2400<br>Circulation<br>5280      |                |
| LONG STRING              |                                   |                  |  |                                  |                |
| SIZE<br>TOC<br>HOLE SIZE | 5 1/2 17 & 20<br>5300<br>7 7/8    | lbs/ft           | CEMENTED WITH<br>DETERMINED BY<br>SETTING DEPTH  | 2150<br>Calculated Est.<br>13349 |                |
| TOTAL DEPTH              | 13740 '                           |                  |  |                                  |                |
|                          |                                   | PRODUC           | ING INTERVAL                                     |                                  |                |
| FORMATION<br>SPUD DATE   | Delaware<br>12/8/1986             |                  | POOL OR FIELD<br>COMPLETION DATE                 | EK (Delaware)<br>8/6/1990        |                |
| PERFORATED               | 5429 FEET T                       | O 5486           | 5 FEET   |                                  |                |
| STIMULATION              | Acid- 5k gal 7.5% NeF             | e, Frac- 77k gal | & 74.8k gal sand                                 |                                  |                |
| OTHER PERFO              | RATED ZONES<br>Morrow 12955-12970 | CURREN'          | T STATUS   |                                  |                |
| OF THE WELL              | Producing                         | ]                |  |                                  |                |
| IF P&A, LIST PL          | UGGING DETAILS                    |                  |  |                                  |                |
|                          |                                   |                  |  |                                  |                |

**OPERATOR** Seely Oil Company LEASE **EK Queen Unit** WELL NO. 19 LOC 1980 FSL & 1650 FEL SECTION 24-18S-33E **UNIT LETTER** i **TUBULAR DATA SURFACE CASING** 8 5/8 24 lbs/ft SIZE CEMENTED WITH 200 SX. Surface TOC **DETERMINED BY** Circulation 12.25 SETTING DEPTH HOLE SIZE 292 INTERMEDIATE CASING SIZE **CEMENTED WITH** TOC **DETERMINED BY** HOLE SIZE SETTING DEPTH LONG STRING 5 1/2 SIZE 15.5 lbs/ft **CEMENTED WITH** 600 TOC 1700 **DETERMINED BY** Calculated Est. 7 7/8 HOLE SIZE SETTING DEPTH 4625 4650 ' **TOTAL DEPTH** PRODUCING INTERVAL **FORMATION** Queen POOL OR FIELD EK Yates-Seven Rivers-Queen SPUD DATE 1/19/1957 **COMPLETION DATE** 2/6/1957 4386 FEET TO 4400 FEET **PERFORATED** STIMULATION Acid- 500 gal, Frac- 10k gal & 10k lbs. sand OTHER PERFORATED ZONES Penrose- 4625-50 (OH) CIBP at 4590' w/ 30' cement on top of plug **CURRENT STATUS** OF THE WELL **Producing** IF P&A, LIST PLUGGING DETAILS

**OPERATOR** WELL NO.

Texas Gulf Prod.

LEASE State "G"

LOC 2310 FSL & 990 FWL

**SECTION** 24-18S-33E **UNIT LETTER** 

L

**TUBULAR DATA** 

**SURFACE CASING** 

SIZE

8 5/8

24 lbs/ft

**CEMENTED WITH** 

700

SX.

TOC HOLE SIZE Surface 11

DETERMINED BY SETTING DEPTH

Circulation

1660

INTERMEDIATE CASING

SIZE

TOC **HOLE SIZE**  **CEMENTED WITH** 

**DETERMINED BY** 

SETTING DEPTH

LONG STRING

SIZE

5 1/2

15.5 lbs/ft

CEMENTED WITH

400

TOC

2600

**DETERMINED BY** 

Calculated Est.

HOLE SIZE

7 7/8

SETTING DEPTH

4581

TOTAL DEPTH

4638

PRODUCING INTERVAL

**FORMATION** 

SPUD DATE

POOL OR FIELD

**COMPLETION DATE** 

**PERFORATED** 

**FEET TO** 

FEET

STIMULATION

OTHER PERFORATED ZONES

Queen Sand- 4340-4374, squeezed w/ 150 sxs. Yates- 3589-95

**CURRENT STATUS** 

OF THE WELL

P&A

IF P&A, LIST PLUGGING DETAILS

20 sxs at 3575. Found top of cement at 3100. Cut casing at 3095. Spotted 30 sxs cement at 1520.

Note- Casing was not set through Penrose.

| OPERATOR WELL NO.        | C. W. Trainer<br>4                 | LOC               | LEASE McElvain Fe<br>660 FSL & 1980 FEL         | ederal SECTION 25-18S-33E UNIT LETTER 0 |
|--------------------------|------------------------------------|-------------------|---|---|
|                          |                                    | TUBULA            | R DATA  | ONIT LETTER 0                           |
| SURFACE CAS              | ING                                |                   |   |   |
| SIZE<br>TOC<br>HOLE SIZE | 13 3/8 54.5<br>Surface<br>17 1/2   | lbs/ft            | CEMENTED WITH<br>DETERMINED BY<br>SETTING DEPTH | 350 sx.<br>Circulation<br>350           |
| INTERMEDIATI             | E CASING                           |                   |   |   |
| SIZE<br>TOC<br>HOLE SIZE | 8 5/8 24 & 32<br>Surface<br>12 1/4 | lbs/ft            | CEMENTED WITH<br>DETERMINED BY<br>SETTING DEPTH | 1350<br>Circulation<br>3700             |
| LONG STRING              |                                    |                   |   |   |
| SIZE<br>TOC<br>HOLE SIZE | 5 1/2 20<br>2268<br>7 7/8          | lbs/ft            | CEMENTED WITH<br>DETERMINED BY<br>SETTING DEPTH | 1470<br>Calculated Est.<br>10000        |
| TOTAL DEPTH              | 10000 '                            |                   |   |   |
|                          |                                    | PRODUC            | ING INTERVAL                                    |   |
| FORMATION<br>SPUD DATE   | Bone Spring<br>10/31/1984          |                   | POOL OR FIELD<br>COMPLETION DATE                | EK (Bone Spring)<br>12/1/1984           |
| PERFORATED               | 9480 FEET TO                       | 9516              | FEET  |   |
| STIMULATION              | Acid 2k gal 7.5%, Frac             | - 70k gal gel, 14 | 5 tons CO2, 150k lbs 20/-                       | 40 sand                                 |
| OTHER PERFO              | RATED ZONES                        |                   |   |   |
|                          |                                    | CURRENT           | T STATUS  |   |
| OF THE WELL              | Producing                          |                   |   |   |
| IF P&A, LIST PL          | UGGING DETAILS                     |                   |   |   |
|                          | <u></u>                            | ·                 |   |   |
|                          |                                    |                   |   |   |

**OPERATOR** 

Chiles Drilling Co.

1

WELL NO.

•

LEASE Gulf Federal

LOC 660 FNL & 660FEL

**SECTION** 25-18S-33E

UNIT LETTER a

**TUBULAR DATA** 

SURFACE CASING

SIZE

8 5/8

24 lbs/ft

**CEMENTED WITH** 

200

SX.

TOC HOLE SIZE Surface 12 1/4 DETERMINED BY SETTING DEPTH

Circulation

288

INTERMEDIATE CASING

SIZE

TOC

HOLE SIZE

**CEMENTED WITH** 

DETERMINED BY

SETTING DEPTH

**LONG STRING** 

SIZE

5 1/2

15.5 lbs/ft

CEMENTED WITH DETERMINED BY

200

Calculated Est.

**HOLE SIZE** 

3670 7 7/8

8 SETTING DEPTH

4720

TOTAL DEPTH

4720

PRODUCING INTERVAL

**FORMATION** 

SPUD DATE

POOL OR FIELD

COMPLETION DATE

**PERFORATED** 

FEET TO

FEET

STIMULATION

OTHER PERFORATED ZONES

Penrose

4687-4702

**CURRENT STATUS** 

OF THE WELL

P&A

IF P&A, LIST PLUGGING DETAILS

15 sx 4598-4720, 25 sx 3000-3100, 25 sx 1850-1950, 25 sx 250-350, 10 sx @ surface

| OPERATOR<br>WELL NO. | Seely Oil Company<br>1       | LOC<br>TUBULA                         | LEASE McElvain Fe<br>660 FNL & 1980 FEL<br>R DATA | deral<br>SECTION 25-18S-33E<br>UNIT LETTER b |
|----------------------|------------------------------|---------------------------------------|---|--|
| SURFACE CAS          | ING                          |                                       |   |  |
| i                    |                              |                                       |   |  |
| SIZE<br>TOC          | 8 5/8 24 lb:<br>1280         | s/ft                                  | CEMENTED WITH DETERMINED BY                       | 125 sx.<br>Calculated Est.                   |
| HOLE SIZE            | 11                           |                                       | SETTING DEPTH                                     | 1725   |
| INTERMEDIATE         | CASING                       |                                       |   |  |
| SIZE                 |                              |                                       | CEMENTED WITH                                     |  |
| TOC<br>HOLE SIZE     |                              |                                       | DETERMINED BY<br>SETTING DEPTH                    |  |
|                      |                              |                                       | SETTING DEFTIT                                    |  |
| LONG STRING          |                              |                                       |   |  |
| SIZE<br>TOC          | 5 1/2 15.5 lbs<br>4100       | s/ft                                  | CEMENTED WITH DETERMINED BY                       | 100<br>Coloulated Fee                        |
| HOLE SIZE            | 7 7/8                        |                                       | SETTING DEPTH                                     | Calculated Est.<br>4635                      |
| TOTAL DEPTH          | 4657 '                       |                                       |   |  |
|                      |                              | PRODUC                                | ING INTERVAL                                      |  |
| FORMATION            | Penrose                      |                                       | POOL OR FIELD                                     | EK Yates-Seven Rivers-Queen                  |
| SPUD DATE            | 6/18/1955                    |                                       | COMPLETION DATE                                   | 8/12/1955                                    |
| PERFORATED           | 4637 FEET TO                 | 4657 (OH)                             | FEET  |  |
| STIMULATION          | Frac- 10k gal. & 10k lbs. sa | nd                                    |   |  |
|                      |                              |                                       |   |  |
| OTHER PERFOR         | RATED ZONES                  |                                       |   |  |
|                      |                              | CURRENT                               | T STATUS  |  |
| OF THE WELL          | Producing                    |                                       |   |  |
| IF P&A, LIST PLU     | JGGING DETAILS               |                                       |   |  |
|                      |                              | · · · · · · · · · · · · · · · · · · · |   |  |
|                      |                              |                                       |   |  |
|                      |                              |                                       |   |  |

Seely Oil Company McElvain Federal LEASE OPERATOR WELL NO. LOC 660 FNL & 1980 FWL **SECTION** 25-18S-33E **UNIT LETTER** С **TUBULAR DATA SURFACE CASING** 8 5/8 24 lbs/ft **CEMENTED WITH** SIZE 150 SX. TOC Surface **DETERMINED BY** Circulation **HOLE SIZE** 11 SETTING DEPTH 1685 INTERMEDIATE CASING SIZE **CEMENTED WITH** TOC **DETERMINED BY HOLE SIZE** SETTING DEPTH LONG STRING **CEMENTED WITH** SIZE TOC **DETERMINED BY SETTING DEPTH HOLE SIZE** TOTAL DEPTH 5998 PRODUCING INTERVAL POOL OR FIELD **FORMATION COMPLETION DATE** SPUD DATE FEET **PERFORATED** FEET TO STIMULATION OTHER PERFORATED ZONES **CURRENT STATUS** P&A OF THE WELL IF P&A. LIST PLUGGING DETAILS 50 sx 4840-5040, 50 sx 2820-3020, 50 sx 1630-1740, 10 sx 0-50

| OPERATOR<br>WELL NO.     | Concho Oil & Gas<br>2                  | LOC<br>TUBULAR  | LEASE Edith Federa<br>2130 FNL & 1980 FEL<br>R DATA | al<br>SECTION 25-18S-33E<br>UNIT LETTER g |
|--------------------------|--|-----------------|---|---|
| SURFACE CAS              | SING                                   |                 |   |   |
| SIZE<br>TOC<br>HOLE SIZE | 13 3/8 54.5 lbs<br>Surface<br>17 1/2   | s/ft            | CEMENTED WITH<br>DETERMINED BY<br>SETTING DEPTH     | 400 sx.<br>Circulation<br>350             |
| INTERMEDIATI             | E CASING                               |                 |   |   |
| SIZE<br>TOC<br>HOLE SIZE | 8 5/8 24 & 32 lbs<br>Surface<br>12 1/4 | s/ft            | CEMENTED WITH<br>DETERMINED BY<br>SETTING DEPTH     | 1600<br>Circulation<br>3700               |
| LONG STRING              |  |                 |   |   |
| SIZE<br>TOC<br>HOLE SIZE | 5 1/2 20 & 23 lbs<br>7600<br>7 7/8     | /ft             | CEMENTED WITH<br>DETERMINED BY<br>SETTING DEPTH     | 550<br>Calculated Est.<br>10500           |
| TOTAL DEPTH              | 10500 '                                |                 |   |   |
|                          |  | PRODUCI         | NG INTERVAL   |   |
| FORMATION<br>SPUD DATE   | Bone Spring<br>2/3/1985                |                 | POOL OR FIELD<br>COMPLETION DATE                    | EK (Bone Spring)<br>5/22/1985             |
| PERFORATED               | 9452 FEET TO                           | 9785            | FEET  |   |
| STIMULATION              | Acid- 4k gal NeFe, Frac- 52            | 2.5k gal gel, s | 50 tons CO2, & 107k lbs                             | 20/40 sand                                |
| OTHER PERFO              | RATED ZONES<br>0                       |                 |   |   |
|                          |  | CURRENT         | STATUS  |   |
| OF THE WELL              | Producing                              |                 |   |   |
| IF P&A, LIST PL          | UGGING DETAILS                         |                 |   |   |
|                          |  |                 |   |   |
| Ĺ                        |  |                 |   |   |

| OPERATOR<br>WELL NO.     | Seely Oil Co<br>6          | mpany           | LOC          | LEASE<br>1650 FNL                | McElvain Fed<br>& 1650 FEL | leral<br>SECTION<br>UNIT LETTER | 25-18S-33E     |
|--------------------------|----------------------------|-----------------|--------------|----------------------------------|----------------------------|---------------------------------|----------------|
|                          |                            |                 | TUBULAR      | DATA                             |                            | ONII LETTER                     | g              |
| SURFACE CASI             | NG                         |                 |              |                                  |                            |                                 |                |
| SIZE<br>TOC<br>HOLE SIZE | 8 5/8<br>Surface<br>12 1/4 | 24 lbs/f        | t            | CEMENTE<br>DETERMI<br>SETTING    | NED BY                     | 325<br>Circulation<br>527       | SX.            |
| INTERMEDIATE             | CASING                     |                 |              |                                  |                            |                                 |                |
| SIZE<br>TOC<br>HOLE SIZE |                            |                 |              | CEMENTE<br>DETERMIN<br>SETTING   | NED BY                     |                                 |                |
| LONG STRING              |                            |                 |              |                                  |                            |                                 |                |
| SIZE<br>TOC<br>HOLE SIZE | 5 1/2<br>Surface<br>7 7/8  | 15.5 lbs/ft     |              | CEMENTE<br>DETERMII<br>SETTING I | NED BY                     | 1200<br>Circulation<br>4975     |                |
| TOTAL DEPTH              | 4975                       | 1               |              |                                  |                            |                                 |                |
|                          |                            |                 | PRODUCII     | NG INTERV                        | /AL                        |                                 |                |
| FORMATION<br>SPUD DATE   | Penrose<br>12/12/1990      |                 |              | POOL OR<br>COMPLET               | FIELD<br>ION DATE          | EK Yates-Sever<br>1/5/1991      | n Rivers-Queen |
| PERFORATED               | 4673                       | FEET TO         | 4683         | FEET                             |                            |                                 |                |
| STIMULATION              | Acid- 1k gal N             | leFe, Frac- 20k | gal gel & 40 | 0k lbs 20/40                     | ) sand                     |                                 |                |
| OTHER PERFOR             | RATED ZONE                 | S               |              |                                  |                            |                                 |                |
|                          |                            | •               | CURRENT      | STATUS                           |                            |                                 |                |
| OF THE WELL              | ı                          | Producing       |              |                                  |                            |                                 |                |
| IF P&A, LIST PLU         | IGGING DET                 | AILS            |              |                                  |                            |                                 |                |
|                          |                            |                 |              |                                  |                            |                                 |                |
|                          |                            |                 |              |                                  |                            |                                 |                |

| OPERATOR<br>WELL NO.     | BTA Oil Producers<br>1                 | LOC<br>TUBULAI         | LEASE EK-A-8701 .<br>2103 FNL & 575 FEL         | IV-P<br>SECTION<br>UNIT LETTER | 25-18S-33E<br>h |
|--------------------------|--|------------------------|---|--------------------------------|-----------------|
|                          |  | TOBOLA                 | NDAIA   |                                |                 |
| SURFACE CAS              | ING                                    |                        |   |                                |                 |
| SIZE<br>TOC<br>HOLE SIZE | 13 3/8 54.5 II<br>Surface<br>17 1/2    | bs/ft                  | CEMENTED WITH<br>DETERMINED BY<br>SETTING DEPTH | 450<br>Circulation<br>406      | SX.             |
| INTERMEDIATE             | CASING                                 |                        |   |                                |                 |
| SIZE<br>TOC<br>HOLE SIZE | 8 5/8 24 & 32 II<br>Surface<br>11      | bs/ft                  | CEMENTED WITH<br>DETERMINED BY<br>SETTING DEPTH | 1700<br>Circulation<br>3700    |                 |
| LONG STRING              |  |                        |   |                                |                 |
| SIZE<br>TOC<br>HOLE SIZE | 5 1/2 17 lb<br>Surface<br>7 7/8        | bs/ft                  | CEMENTED WITH<br>DETERMINED BY<br>SETTING DEPTH | 1700<br>Circulation<br>10505   |                 |
| TOTAL DEPTH              | 10505 ′                                |                        |   |                                |                 |
|                          |  | PRODUCI                | NG INTERVAL                                     |                                |                 |
| FORMATION<br>SPUD DATE   | Delaware<br>7/8/1999                   |                        | POOL OR FIELD<br>COMPLETION DATE                | EK (Delaware)<br>7/19/1999     |                 |
| PERFORATED               | 5374 FEET TO                           | 5402                   | FEET  |                                |                 |
| STIMULATION              | Acid- 2200 gal, Frac- 14k              | gal & sand             |   |                                |                 |
| OTHER PERFOR             | RATED ZONES<br>Bone Spring- 9448-9478. | CIBP @ 9407<br>CURRENT |   |                                |                 |
| OF THE WELL              | Producing                              |                        |   |                                |                 |
| IF P&A, LIST PL          | JGGING DETAILS                         |                        |   |                                |                 |
|                          |  |                        |   |                                |                 |

**OPERATOR** 

Santa Fe Energy

Mc Alpine Federal LEASE

WELL NO.

LOC 1830 FNL & 660 FWL

SECTION **UNIT LETTER** 

19-18S-34E е

**TUBULAR DATA** 

SURFACE CASING

SIZE

13 3/8

54.5

lbs/ft

lbs/ft

**CEMENTED WITH** 

420 SX.

TOC

Surface

**DETERMINED BY** 

Circulation

**HOLE SIZE** 

17 1/2

SETTING DEPTH

402

INTERMEDIATE CASING

SIZE TOC 8 5/8 24,32 **CEMENTED WITH DETERMINED BY** 

1370

**HOLE SIZE** 

Surface 12 1/4

Circulation

SETTING DEPTH 3200

**LONG STRING** 

SIZE

5 1/2 15.5,17 lbs/ft

**CEMENTED WITH** 

1000

TOC HOLE SIZE 2750 7 7/8

**DETERMINED BY** 

Temp. Survey

**SETTING DEPTH** 7475

TOTAL DEPTH

7475

PRODUCING INTERVAL

**FORMATION** 

SPUD DATE

POOL OR FIELD

**COMPLETION DATE** 

**PERFORATED** 

**FEET TO** 

FEET

STIMULATION

OTHER PERFORATED ZONES

Delaware 6056-6089, San Andres 5426-5474

**CURRENT STATUS** 

OF THE WELL

P & A

IF P&A, LIST PLUGGING DETAILS

CIBP at 7185 w/ 1000 sxs. CIBP at 5980 w/ 35sx cap. CIBP at 5380 Squeezed w/ 40 sxs and 10 on top, 40 sxs at 4704, 25 sxs at 3250, TOC 2500, Cut casing at 2450, 25 sxs set at 2482, 25 sxs at 2522. CIBP at 2340. 25 sxs on top of plug. 10 sxs at surface.

| ,                        |                              |        |   |                                |                 |
|--------------------------|------------------------------|--------|---|--------------------------------|-----------------|
| OPERATOR<br>WELL NO.     | Mobil Oil Corp.<br>617       | LOC    | LEASE EK Queen L<br>1450 FNL & 70 FWL           | Jnit<br>SECTION<br>UNIT LETTER | 19-18S-34E<br>e |
|                          |                              | TUBUL  | AR DATA   | ONIT CETTER                    | C               |
| SURFACE CAS              | ING                          |        |   |                                |                 |
| SIZE<br>TOC<br>HOLE SIZE | 8 5/8 20<br>Surface<br>11    | lbs/ft | CEMENTED WITH<br>DETERMINED BY<br>SETTING DEPTH | 300<br>Circulation<br>354      | SX.             |
| INTERMEDIATE             | CASING                       |        |   |                                |                 |
| SIZE<br>TOC<br>HOLE SIZE |                              |        | CEMENTED WITH<br>DETERMINED BY<br>SETTING DEPTH |                                |                 |
| LONG STRING              |                              |        |   |                                |                 |
| SIZE<br>TOC<br>HOLE SIZE | 5 1/2 14<br>Surface<br>7 7/8 | lbs/ft | CEMENTED WITH<br>DETERMINED BY<br>SETTING DEPTH | 1800<br>Circulation<br>4650    |                 |
| TOTAL DEPTH              | 4650 '                       |        |   |                                |                 |
|                          |                              | PRODU  | ICING INTERVAL                                  |                                |                 |
| FORMATION<br>SPUD DATE   |                              |        | POOL OR FIELD<br>COMPLETION DATE                |                                |                 |
| PERFORATED               | FEET T                       | ΓΟ     | FEET  |                                |                 |
| STIMULATION              |                              |        |   |                                |                 |
| OTHER PERFOR             | RATED ZONES<br>4368-4412     |        |   |                                |                 |
|                          |                              | CURRE  | NT STATUS                                       |                                |                 |
| OF THE WELL              | P & A                        |        |   |                                |                 |
| IF P&A, LIST PLU         | JGGING DETAILS               |        |   |                                |                 |
|                          |                              | ·····  |   |                                |                 |
|                          |                              |        |   |                                |                 |

| OPERATOR<br>WELL NO.     | Seely Oil Company<br>22                | LOC                | LEASE EK Queen U<br>1980 FSL & 1897 FWL         | nit<br>SECTION 19-18S-34E<br>UNIT LETTER k |
|--------------------------|--|--------------------|---|--|
|                          |  | TUBULAF            | RDATA   |  |
| SURFACE CAS              | ING                                    |                    |   |  |
| SIZE<br>TOC<br>HOLE SIZE | 8 5/8 24 II<br>Surface<br>12 1/4       | bs/ft              | CEMENTED WITH<br>DETERMINED BY<br>SETTING DEPTH | 300 sx.<br>Circulation<br>300              |
| INTERMEDIATE             | CASING                                 |                    |   |  |
| SIZE<br>TOC<br>HOLE SIZE |  |                    | CEMENTED WITH<br>DETERMINED BY<br>SETTING DEPTH |  |
| LONG STRING              |  |                    |   |  |
| SIZE<br>TOC<br>HOLE SIZE | 5 1/2 14 lb<br>3700<br>7 7/8           | os/ft              | CEMENTED WITH<br>DETERMINED BY<br>SETTING DEPTH | 200<br>Calculated Est<br>4703              |
| TOTAL DEPTH              | 4703                                   |                    |   |  |
|                          |  | PRODUCI            | NG INTERVAL                                     |  |
| FORMATION<br>SPUD DATE   | Queen Sand<br>10/16/1956               |                    | POOL OR FIELD<br>COMPLETION DATE                | EK Yates-Seven Rivers-Queen 9/17/1957      |
| PERFORATED               | 4432 FEET TO                           | 4444               | FEET  |  |
| STIMULATION              | Frac- 30k gal lease crude              | & 37.3k lbs sa     | nd  |  |
| OTHER PERFOR             | RATED ZONES<br>Penrose 4678-4686, CIBP | at 4471<br>CURRENT | STATUS  |  |
| OF THE WELL              | Active Queer                           | Sand WIW           |   |  |
| IF P&A, LIST PLU         | JGGING DETAILS                         |                    |   |  |
|                          |  |                    |   |  |

| OPERATOR<br>WELL NO.     | Seely Oil Company<br>24                  | LOC                     | LEASE EK Queen U<br>330 FSL & 762 FWL           | SECTION 19-18S-34E                       |
|--------------------------|--|-------------------------|---|--|
|                          |  | TUBULAI                 | R DATA  | UNIT LETTER m                            |
| SURFACE CAS              | ING                                      |                         |   |  |
| SIZE<br>TOC<br>HOLE SIZE | 8 5/8 24 lbs<br>Surface<br>12 1/4        | s/ft                    | CEMENTED WITH<br>DETERMINED BY<br>SETTING DEPTH | 175 sx.<br>Circulation<br>320            |
| INTERMEDIATI             | E CASING                                 |                         |   |  |
| SIZE<br>TOC<br>HOLE SIZE | 5 1/2 14 ibs<br>3600<br>7 7/8            | /ft                     | CEMENTED WITH<br>DETERMINED BY<br>SETTING DEPTH | 225<br>Calculated Est<br>4718            |
| LONG STRING              |  |                         |   |  |
| SIZE<br>TOC<br>HOLE SIZE | 3 1/2 9.3 lbs. Surface 5                 | /ft                     | CEMENTED WITH<br>DETERMINED BY<br>SETTING DEPTH | 340<br>Circulation<br>4380               |
| TOTAL DEPTH              | 4718 '                                   |                         |   |  |
|                          |  | PRODUCI                 | NG INTERVAL                                     |  |
| FORMATION<br>SPUD DATE   | Queen Sand<br>10/18/1957                 |                         | POOL OR FIELD<br>COMPLETION DATE                | EK Yates-Seven Rivers-Quei<br>12/10/1957 |
| PERFORATED               | 4429 FEET TO                             | 4478                    | FEET  |  |
| STIMULATION              |  |                         |   |  |
| OTHER PERFO              | RATED ZONES<br>Penrose 4698-4710, CIBP a | at 4500 w/ 5<br>CURRENT | -   | ng                                       |
| OF THE WELL              | Active Queen                             | Sand WIW                |   |  |
| IF P&A, LIST PL          | UGGING DETAILS                           |                         |   |  |
|                          |  |                         |   |  |
|                          |  |                         |   |  |

| •                        |                            |           |   |   |
|--------------------------|----------------------------|-----------|---|---|
| OPERATOR<br>WELL NO.     | Mobil Oil Corp.<br>3       | LOC       | LEASE Silvey Fede<br>2310 FWL & 343 FSL         | eral<br>SECTION 19-18S-34E<br>UNIT LETTER n |
| .,                       |                            | TUBU      | LAR DATA  | OWI LEFTER II                               |
| SURFACE CASI             | ING                        |           |   |   |
| SIZE<br>TOC<br>HOLE SIZE | 8 5/8<br>Surface<br>12 1/4 | 24 lbs/ft | CEMENTED WITH<br>DETERMINED BY<br>SETTING DEPTH | 175 sx.<br>Circulation<br>300               |
| INTERMEDIATE             | CASING                     |           |   |   |
| SIZE<br>TOC<br>HOLE SIZE |                            |           | CEMENTED WITH<br>DETERMINED BY<br>SETTING DEPTH |   |
| LONG STRING              |                            |           |   |   |
| SIZE<br>TOC<br>HOLE SIZE | 5 1/2 14<br>2600<br>7 7/8  | lbs/ft    | CEMENTED WITH<br>DETERMINED BY<br>SETTING DEPTH | 525<br>Calculated Est<br>4734               |
| TOTAL DEPTH              | 4735 '                     |           |   |   |
|                          |                            | PRODU     | JCING INTERVAL                                  |   |
| FORMATION<br>SPUD DATE   |                            |           | POOL OR FIELD<br>COMPLETION DATE                |   |
| PERFORATED               | FEET                       | то        | FEET  |   |
| STIMULATION              |                            |           |   |   |
| OTHER PERFOR             |                            |           | . Yates 3547-3691 OA<br>ENT STATUS              |   |
| OF THE WELL              | P & A                      |           |   |   |
| IF P&A, LIST PLU         | JGGING DETAILS             |           |   |   |
|                          |                            |           |   |   |
|                          |                            |           |   |   |

Hanson Oil **OPERATOR** LEASE Penzoil Federal LOC 330 FSL & 2310 FEL WELL NO. **SECTION** 19-18S-34E UNIT LETTER 0 TUBULAR DATA **SURFACE CASING** SIZE 8 5/8 24 lbs/ft **CEMENTED WITH** 150 SX. TOC Surface **DETERMINED BY** Circulation 12 1/4 HOLE SIZE SETTING DEPTH 255 INTERMEDIATE CASING SIZE **CEMENTED WITH** TOC **DETERMINED BY HOLE SIZE** SETTING DEPTH **LONG STRING** 5 1/2 15.5 lbs/ft SIZE **CEMENTED WITH** 250 TOC 3500 **DETERMINED BY** Calculated Est **HOLE SIZE** 7 7/8 SETTING DEPTH 4800 4800 **TOTAL DEPTH** PRODUCING INTERVAL **FORMATION** POOL OR FIELD SPUD DATE **COMPLETION DATE PERFORATED FEET TO** FEET STIMULATION OTHER PERFORATED ZONES Penrose 4723-36 **CURRENT STATUS** OF THE WELL P&A IF P&A, LIST PLUGGING DETAILS

C. S. Federal Seely Oil Company LEASE OPERATOR LOC 660 FSL & 1980 FEL WELL NO. **SECTION** 19-18S-34E **UNIT LETTER** 0 **TUBULAR DATA** SURFACE CASING 8 5/8 SIZE 24 lbs/ft **CEMENTED WITH** 700 SX. Surface TOC **DETERMINED BY** Circulation **HOLE SIZE** 11 SETTING DEPTH 1650 INTERMEDIATE CASING CEMENTED WITH SIZE TOC **DETERMINED BY** SETTING DEPTH **HOLE SIZE** LONG STRING 4 1/2 10.5 lbs/ft SIZE **CEMENTED WITH** 500 3100 TOC **DETERMINED BY** Calculated Est HOLE SIZE 7 7/8 SETTING DEPTH 4784 **TOTAL DEPTH** 4784 PRODUCING INTERVAL **FORMATION** Penrose POOL OR FIELD EK Yates-Seven Rivers-Quei 6/21/1981 COMPLETION DATE SPUD DATE 7/11/1981 4720 FEET TO 4730 FEET **PERFORATED** STIMULATION Acid- 500 gal, Frac 40k gal & 42.5k lbs sand OTHER PERFORATED ZONES Queen 4435-4494 Squeezed w/ 150 sxs **CURRENT STATUS** Producing OF THE WELL IF P&A, LIST PLUGGING DETAILS

| OPERATOR<br>WELL NO.  | Concho Oil & Gas<br>1      | LOC         | LEASE Citation<br>1650 FSL & 330 FWL            | SECTION 20-18S-34E                   |  |
|---|----------------------------|-------------|---|--------------------------------------|--|
| UNIT LETTER  <br>TUBULAR DATA   |                            |             |   |                                      |  |
| SURFACE CAS   | SING                       |             |   |                                      |  |
| SIZE<br>TOC<br>HOLE SIZE  | 8 5/8<br>Surface<br>12 1/4 | 24 lbs/ft   | CEMENTED WITH<br>DETERMINED BY<br>SETTING DEPTH | 275 sx.<br>Circulation<br>422        |  |
| INTERMEDIATI  | E CASING                   |             |   |                                      |  |
| SIZE<br>TOC<br>HOLE SIZE  |                            |             | CEMENTED WITH<br>DETERMINED BY<br>SETTING DEPTH |                                      |  |
| LONG STRING   |                            |             |   |                                      |  |
| SIZE<br>TOC<br>HOLE SIZE  | 5 1/2<br>3755<br>7 7/8     | 15.5 lbs/ft | CEMENTED WITH<br>DETERMINED BY<br>SETTING DEPTH | 170<br>Calculated Est.<br>4838       |  |
| TOTAL DEPTH   | 4875 '                     |             |   |                                      |  |
|   |                            | PROD        | UCING INTERVAL                                  |                                      |  |
| FORMATION<br>SPUD DATE  | Penrose Sand<br>2/2/2000   |             | POOL OR FIELD COMPLETION DATE                   | EK Yates-Seven Rivers-Queen 1/0/1900 |  |
| PERFORATED  | 4814 FEE                   | T TO 48     | 822 FEET  |                                      |  |
| STIMULATION Acid- 500 gal 15% NeFe, Frac- w/ 15k gal Viking 3000 + 37.6k lbs 16/30 Ottawa Sd. |                            |             |   |                                      |  |
| OTHER PERFORATED ZONES Queen- 4573-90   |                            |             |   |                                      |  |
|   |                            |             | ENT STATUS                                      |                                      |  |
| OF THE WELL   | Produ                      | cing        |   |                                      |  |
| IF P&A, LIST PLUGGING DETAILS   |                            |             |   |                                      |  |
|   |                            |             |   |                                      |  |

**OPERATOR** 

Joseph I. Oneil

LEASE

Scharbauer Cattle Co.

WELL NO.

2

LOC 2080 FSL & 330 FWL

SECTION 20-18S-34E

1

**UNIT LETTER** 

**TUBULAR DATA** 

**SURFACE CASING** 

SIZE 8 5/8

24 lbs/ft

**CEMENTED WITH** 

250 SX.

Surface TOC **HOLE SIZE** 12 1/4

**DETERMINED BY** 

Circulation

SETTING DEPTH

230

INTERMEDIATE CASING

SIZE

TOC **HOLE SIZE**  **CEMENTED WITH** 

**DETERMINED BY** 

SETTING DEPTH

**LONG STRING** 

SIZE

4 1/2

10.5 lbs/ft

**CEMENTED WITH** 

400

TOC

3400

**DETERMINED BY** 

Calculated Est.

HOLE SIZE

7 7/8

SETTING DEPTH

4720

**TOTAL DEPTH** 4855

PRODUCING INTERVAL

**FORMATION** 

SPUD DATE

POOL OR FIELD

**COMPLETION DATE** 

**PERFORATED** 

FEET TO

FEET

STIMULATION

OTHER PERFORATED ZONES

Queen- 4526-4616 Penrose- 4720-4855

**CURRENT STATUS** 

OF THE WELL

P&A

IF P&A, LIST PLUGGING DETAILS

CIBP at 4426 w/ 35' cement on top. 100' cement plug top of salt inside 4 1/2 casing

50 cement plug at surface. 10' plug at surface

Seely Oil Company LEASE Scharbauer **OPERATOR** WELL NO. 1 LOC 330 FSL & FWL **SECTION** 20-18S-34E UNIT LETTER m **TUBULAR DATA** SURFACE CASING 8 5/8 SIZE 24 lbs/ft **CEMENTED WITH** 300 SX. TOC Surface **DETERMINED BY** Circulation 12 1/4 **HOLE SIZE** SETTING DEPTH 428 INTERMEDIATE CASING SIZE **CEMENTED WITH** TOC **DETERMINED BY HOLE SIZE** SETTING DEPTH LONG STRING SIZE 4 1/2 9.5 lbs/ft **CEMENTED WITH** 390 4110 TOC DETERMINED BY Cement Bond Log 7 7/8 **HOLE SIZE** SETTING DEPTH 4838 **TOTAL DEPTH** 4840 PRODUCING INTERVAL Queen Sand **FORMATION** POOL OR FIELD EK Yates-Seven Rivers-Quei SPUD DATE 7/15/1974 **COMPLETION DATE** 9/20/1999 4508 FEET TO 4518 FEET PERFORATED STIMULATION Acid- 1k gal 15%, Frac- 18k gal gelled KCl w/ 21k lbs sand OTHER PERFORATED ZONES Penrose: 4777-4784 **CURRENT STATUS** OF THE WELL **Producing** IF P&A, LIST PLUGGING DETAILS

Seely Oil Company **OPERATOR** LEASE Scharbauer LOC 330 FSL & 1650 FWL WELL NO. SECTION 20-18S-34E **UNIT LETTER TUBULAR DATA SURFACE CASING** 8 5/8 20 lbs/ft **CEMENTED WITH** SIZE 300 SX. Surface TOC **DETERMINED BY** Circulation **HOLE SIZE** 12 1/4 SETTING DEPTH 451 INTERMEDIATE CASING SIZE **CEMENTED WITH** TOC **DETERMINED BY HOLE SIZE** SETTING DEPTH **LONG STRING** SIZE 4 1/2 9.5 & 10.5 lbs/ft **CEMENTED WITH** 400 TOC 3200 **DETERMINED BY** Calculated Est. **HOLE SIZE** 7 7/8 SETTING DEPTH 4820 TOTAL DEPTH 4820 PRODUCING INTERVAL Queen Sand EK Yates-Seven Rivers-Queen **FORMATION** POOL OR FIELD SPUD DATE 1/0/1900 **COMPLETION DATE** 2/10/2000 PERFORATED 4474 FEET TO 4482 FEET STIMULATION Acid- 1k gal KCI & 18k lbs sand OTHER PERFORATED ZONES Penrose 4746-64 **CURRENT STATUS** OF THE WELL **Producing** IF P&A, LIST PLUGGING DETAILS

OPERATOR

Seely Oil Company

LEASE

**Armer State** 

WELL NO.

ı

LOC

330 FSL & 2260 FEL

SECTION **UNIT LETTER** 

20-18S-34E 0

**TUBULAR DATA** 

SURFACE CASING

SIZE

8 5/8

20 lbs/ft

CEMENTED WITH

250 SX.

TOC

Surface

**DETERMINED BY** 

Circulation

HOLE SIZE 12.25 SETTING DEPTH

480

INTERMEDIATE CASING

SIZE

TOC

HOLE SIZE

**CEMENTED WITH DETERMINED BY** 

SETTING DEPTH

LONG STRING

SIZE

TOC

**CEMENTED WITH** 

**DETERMINED BY** 

HOLE SIZE

SETTING DEPTH

**TOTAL DEPTH** 

5964

PRODUCING INTERVAL

**FORMATION** 

SPUD DATE

POOL OR FIELD

**COMPLETION DATE** 

**PERFORATED** 

FEET TO

FEET

STIMULATION

OTHER PERFORATED ZONES

**CURRENT STATUS** 

OF THE WELL

P&A

IF P&A. LIST PLUGGING DETAILS

40 sxs @ 4799-4899, 40 sxs 4300-4400, 40 sxs 1800-1900, 40 sxs 444-544, 15 sxs @ surface

**OPERATOR** 

Seely Oil Company

LEASE

McElvain Federal

WELL NO.

12

LOC 760' FNL&2020FEL SECTION 29-18S-34E

**UNIT LETTER** b

**TUBULAR DATA** 

**SURFACE CASING** 

SIZE

8 5/8

24 lbs/ft

**CEMENTED WITH** 

510

SX.

TOC

Surface

**DETERMINED BY** 

Circulation

HOLE SIZE

11

SETTING DEPTH

1701

INTERMEDIATE CASING

SIZE

TOC

**CEMENTED WITH DETERMINED BY** 

HOLE SIZE

SETTING DEPTH

**LONG STRING** 

SIZE

TOC

HOLE SIZE

**CEMENTED WITH** 

**DETERMINED BY** 

SETTING DEPTH

**TOTAL DEPTH** 6200

PRODUCING INTERVAL

**FORMATION** 

SPUD DATE

POOL OR FIELD

**COMPLETION DATE** 

**PERFORATED** 

**FEET TO** 

FEET

STIMULATION

OTHER PERFORATED ZONES

**CURRENT STATUS** 

OF THE WELL

P&A

IF P&A, LIST PLUGGING DETAILS

40 sxs @ 4383-4483, 45sxs @ 2933-3033, 65 sxs @ 1611-1767, 30 sxs @ 400-500, 35 sxs @ 60-

surface

| OPERATOR<br>WELL NO.     | Seely Oil Comp<br>9    | •              | LEASE<br>LOC 660' FNL                | McElvain Fed<br>& 1830' FWL  | ieral<br>SECTION<br>UNIT LETTER | 29-18S-34E<br>c |
|--------------------------|------------------------|----------------|--------------------------------------|------------------------------|---------------------------------|-----------------|
| i                        |                        | ר              | TUBULAR DATA                         |                              | OMIT CETTER                     | Ü               |
| SURFACE CASI             | NG                     |                |                                      |                              |                                 |                 |
| SIZE<br>TOC<br>HOLE SIZE | 8 5/8<br>Surface<br>11 | 24 lbs/ft      |                                      | ED WITH<br>SINED BY<br>DEPTH | 800<br>Circulation<br>1710      | SX.             |
| INTERMEDIATE             | CASING                 |                |                                      |                              |                                 |                 |
| SIZE<br>TOC<br>HOLE SIZE |                        |                | CEMENT<br>DETERM<br>SETTING          |                              |                                 |                 |
| LONG STRING              |                        |                |                                      |                              |                                 |                 |
| SIZE<br>TOC<br>HOLE SIZE | 5 1/2<br>1640<br>7 7/8 | 17 lbs/ft      | CEMENT<br>DETERM<br>SETTING          |                              | 1200<br>Cement Bond L<br>6045   | og              |
| TOTAL DEPTH              | 6075 '                 |                |                                      |                              |                                 |                 |
|                          |                        | P              | RODUCING INTER                       | VAL                          |                                 |                 |
| FORMATION<br>SPUD DATE   | Delaware<br>8/19/2001  |                | POOL OF<br>COMPLE                    | R FIELD<br>TION DATE         | EK (Delaware)<br>9/3/2001       |                 |
| PERFORATED               | 5834 FE                | ET TO          | 5854 FEET                            |                              |                                 |                 |
| STIMULATION              | 1000 gal MCA, F        | rac- 12,000 ga | al KCL w/ 18,000 lbs                 | s. 16/30 sand                |                                 |                 |
| OTHER PERFOR             |                        |                | leezed with 100 sxs<br>URRENT STATUS |                              |                                 |                 |
| OF THE WELL              | Prod                   | ducing         |                                      |                              |                                 |                 |
| IF P&A, LIST PLU         | IGGING DETAIL          | s              |                                      |                              |                                 |                 |
|                          |                        |                |                                      |                              |                                 |                 |
|                          |                        |                |                                      |                              |                                 |                 |

| OPERATOR<br>WELL NO.   | Seely Oil Company<br>7    | LOC     | LEASE McElvain Fo                               | ederal<br>SECTION 29-18S-34E<br>UNIT LETTER d |  |
|--|---------------------------|---------|---|---|--|
| ę  |                           | TUBULA  | R DATA  |   |  |
| SURFACE CAS  | ING                       |         |   |   |  |
| SIZE<br>TOC<br>HOLE SIZE   | 8 5/8 24<br>Surface<br>11 | lbs/ft  | CEMENTED WITH<br>DETERMINED BY<br>SETTING DEPTH | 500 sx.<br>Circulation<br>1723                |  |
| INTERMEDIATE   | CASING                    |         |   |   |  |
| SIZE<br>TOC<br>HOLE SIZE   |                           |         | CEMENTED WITH<br>DETERMINED BY<br>SETTING DEPTH |   |  |
| LONG STRING  |                           |         |   |   |  |
| SIZE<br>TOC<br>HOLE SIZE   | 5 1/2 17<br>1663<br>7 7/8 | lbs/ft  | CEMENTED WITH<br>DETERMINED BY<br>SETTING DEPTH | 1150<br>Cement Bond Log<br>6000               |  |
| TOTAL DEPTH  | 6000 '                    |         |   |   |  |
|  |                           | PRODUCI | NG INTERVAL                                     |   |  |
| FORMATION<br>SPUD DATE   | Queen<br>9/9/2000         |         | POOL OR FIELD<br>COMPLETION DATE                | EK Yates-Seven Rivers-Que<br>9/22/2000        |  |
| PERFORATED   | 4482 FEET TO              | 4490    | FEET  |   |  |
| STIMULATION 1000 gal MCA, Frac- 10,000 gal KCL w/ 20,000 lbs. 16/30 sand |                           |         |   |   |  |
| OTHER PERFORATED ZONES None CURRENT STATUS                               |                           |         |   |   |  |
| OF THE WELL Producing  |                           |         |   |   |  |
| IF P&A, LIST PLUGGING DETAILS  |                           |         |   |   |  |
|  |                           |         |   |   |  |

Seely Oil Company LEASE McElvain Federal OPERATOR 10 LOC 1650' FNL & 1980' FWL SECTION WELL NO. 29-18S-34E **UNIT LETTER** £ **TUBULAR DATA** SURFACE CASING 8 5/8 24 lbs/ft **CEMENTED WITH** SIZE 380 SX. TOC Surface **DETERMINED BY** Circulation SETTING DEPTH HOLE SIZE 11 1740 INTERMEDIATE CASING SIZE CEMENTED WITH **DETERMINED BY** TOC SETTING DEPTH HOLE SIZE **LONG STRING** SIZE 5 1/2 17 lbs/ft **CEMENTED WITH** 1250 2800 **DETERMINED BY** Cement Bond Log TOC 7 7/8 SETTING DEPTH 6050 **HOLE SIZE** TOTAL DEPTH 6050 PRODUCING INTERVAL **FORMATION** Penrose POOL OR FIELD EK Yates-Seven Rivers-Quei SPUD DATE 12/2/2001 COMPLETION DATE 12/22/2001 4778 FEET TO 4785 FEET PERFORATED STIMULATION 1000 gal MCA, Frac- 18,000 gal KCL w/ 41,000 lbs. 16/30 sand OTHER PERFORATED ZONES Delaware- 5930-5956. CIBP set @ 5850 w/ 20' cmt on top of plug **CURRENT STATUS** OF THE WELL Producing IF P&A, LIST PLUGGING DETAILS

**OPERATOR** WELL NO.

WTG Exploration

LOC

LEASE Penzoil "A" Federal

SECTION 29-185.348

1980 FSL & 660 FEL

UNIT LETTER I

**TUBULAR DATA** 

SURFACE CASING

SIZE

į

13 3/8

48 lbs/ft

CEMENTED WITH

375

TOC

Surface

DETERMINED BY

Circulation

HOLE SIZE

17 1/2

SETTING DEPTH

351

INTERMEDIATE CASING

SIZE

8 5/8

24 & 32 lbs/ft

**CEMENTED WITH** 

1450

TOC HOLE SIZE Surface 12 1/4 **DETERMINED BY** 

Circulation

SETTING DEPTH

3700

**LONG STRING** 

SIZE

4 1/2 10.5 & 11.6 lbs/ft

**CEMENTED WITH** 

300

TOC

4686

**DETERMINED BY** 

Cement Bond L

**HOLE SIZE** 

7 7/8

SETTING DEPTH

8200

TOTAL DEPTH

10200 '

PRODUCING INTERVAL

**FORMATION** 

SPUD DATE

**POOL OR FIELD** 

COMPLETION DATE

**PERFORATED** 

**FEET TO** 

FEET

STIMULATION

OTHER PERFORATED ZONES

6000-6026, Acid- 1500 gal, 5608-16 Acid 800 Gal, Tested Non Commercial

**CURRENT STATUS** 

OF THE WELL

P & A

IF P&A. LIST PLUGGING DETAILS

CIBP @ 7850, 15 sxs @5900, 15 sxs @ 5525, cut csg@ 4670, 60 sxs@ 4270-4430, 35 sxs@ 3750, 35 sxs @ 3200, 35 sxs @ 1945, 35 sxs @ 400, 20 sxs @ surface

| OPERATOR<br>WELL NO.     | Rhombus Operati<br>1        | ng( Sun Oil Co.)<br>LOC | LEASE Penzoil Fed<br>1980 FSL & 1780 FEL        |                                 |
|--------------------------|-----------------------------|-------------------------|---|---------------------------------|
|                          |                             | TUBULA                  | R DATA  | ,                               |
| SURFACE CAS              | ING                         |                         |   |                                 |
| SIZE<br>TOC<br>HOLE SIZE | 13 3/8<br>Surface<br>17 1/2 | 48 lbs/ft               | CEMENTED WITH<br>DETERMINED BY<br>SETTING DEPTH | 300 sx.<br>Circulation<br>353   |
| INTERMEDIATE             | CASING                      |                         |   |                                 |
| SIZE<br>TOC<br>HOLE SIZE | 8 5/8<br>Surface<br>11      | 32 lbs/ft               | CEMENTED WITH<br>DETERMINED BY<br>SETTING DEPTH | 1800<br>Circulation<br>5198     |
| LONG STRING              |                             |                         |   |                                 |
| SIZE<br>TOC<br>HOLE SIZE | 5 1/2 17<br>7662<br>7 7/8   | & 20 lbs/ft             | CEMENTED WITH<br>DETERMINED BY<br>SETTING DEPTH | 925<br>Calculated Est.<br>13644 |
| TOTAL DEPTH              | 13694 '                     |                         |   |                                 |
|                          |                             | PRODUC                  | ING INTERVAL                                    |                                 |
| FORMATION<br>SPUD DATE   | Morrow<br>8/27/1980         |                         | POOL OR FIELD<br>COMPLETION DATE                | La Rica Morrow<br>10/30/1980    |
| PERFORATED               | 13388 FEE                   | T TO 13400              | FEET  |                                 |
| STIMULATION              | 500 gal 15% HCL,            | 3800 gal 7.5% HCL       |   |                                 |
| OTHER PERFOR             | RATED ZONES                 |                         |   |                                 |
|                          |                             | CURRENT                 | STATUS  |                                 |
| OF THE WELL              | Produ                       | cing                    |   |                                 |
| IF P&A, LIST PLU         | JGGING DETAILS              |                         |   |                                 |
|                          |                             |                         |   |                                 |
|                          |                             |                         |   |                                 |
| L                        |                             |                         |   |                                 |

| OPERATOR<br>WELL NO.     | C. W. Trainer (Sun Oil Co         | o.)<br>LOC                            | LEASE McElvair<br>0                             | Federal SECTION 29-18S-34E UNIT LETTER |
|--------------------------|-----------------------------------|---------------------------------------|---|--|
|                          |                                   | TUBULAF                               | R DATA  |  |
| SURFACE CAS              | ING                               |                                       |   |  |
| SIZE<br>TOC<br>HOLE SIZE | 13 3/8 48 lt<br>Surface<br>17 1/2 | os/ft                                 | CEMENTED WITH<br>DETERMINED BY<br>SETTING DEPTH | 370 sx.<br>Circulation<br>376          |
| INTERMEDIATE             | CASING                            |                                       |   |  |
| SIZE<br>TOC<br>HOLE SIZE | 8 5/8 32 lb<br>Surface<br>11      | os/ft                                 | CEMENTED WITH<br>DETERMINED BY<br>SETTING DEPTH | 1900<br>Circulation<br>5205            |
| LONG STRING              |                                   |                                       |   |  |
| SIZE<br>TOC<br>HOLE SIZE | 5 1/2 20 lb<br>3801<br>7 7/8      | os/ft                                 | CEMENTED WITH<br>DETERMINED BY<br>SETTING DEPTH | 1120<br>Calculated Est.<br>10935       |
| TOTAL DEPTH              | 13650 '                           |                                       |   |  |
|                          |                                   | PRODUCII                              | NG INTERVAL                                     |  |
| FORMATION<br>SPUD DATE   | Bone Spring<br>12/16/1983         |                                       | POOL OR FIELD<br>COMPLETION DATE                | EK (Bone Spring)<br>5 1/11/1984        |
| PERFORATED               | 9510 FEET TO                      | 9536                                  | FEET  |  |
| STIMULATION              | 1000 gal 15% acid, 60,000         | ) gal h20 w/ 20                       | 0% CO2 & 82500 lbs                              | sand                                   |
| OTHER PERFOR             | RATED ZONES                       |                                       |   |  |
|                          |                                   | CURRENT                               | STATUS  |  |
| OF THE WELL              | Producing                         |                                       |   |  |
| IF P&A, LIST PL          | JGGING DETAILS                    |                                       |   |  |
|                          |                                   | · · · · · · · · · · · · · · · · · · · |   |  |
|                          |                                   |                                       |   |  |
|                          |                                   | ····                                  |   |  |

| f .                      |                           |                       |   |  |
|--------------------------|---------------------------|-----------------------|---|--|
| OPERATOR<br>WELL NO.     | Seely Oil Company<br>A #1 | LOC                   | LEASE McElvain Fe<br>330 FNL & 590 FEL          | deral SECTION 30-18S-34E UNIT LETTER a |
| f                        |                           | TUBULAF               | R DATA  | OMIT ELTTER a                          |
| SURFACE CASI             | NG                        |                       |   |  |
| SIZE<br>TOC<br>HOLE SIZE | 8 5/8<br>Surface<br>11    | 24 lbs/ft             | CEMENTED WITH<br>DETERMINED BY<br>SETTING DEPTH | 585 sx.<br>Circulation<br>1723         |
| INTERMEDIATE             | CASING                    |                       |   |  |
| SIZE<br>TOC<br>HOLE SIZE |                           |                       | CEMENTED WITH<br>DETERMINED BY<br>SETTING DEPTH |  |
| LONG STRING              |                           |                       |   |  |
| SIZE<br>TOC<br>HOLE SIZE | 5 1/2 17<br>1650<br>7 7/8 | lbs/ft                | CEMENTED WITH<br>DETERMINED BY<br>SETTING DEPTH | 1200<br>Cement Bond Log<br>5999        |
| TOTAL DEPTH              | 6000 '                    |                       |   |  |
|                          |                           | PRODUCII              | NG INTERVAL                                     |  |
| FORMATION<br>SPUD DATE   | Delaware<br>6/3/2000      |                       | POOL OR FIELD<br>COMPLETION DATE                | EK (Delaware)<br>7/16/2000             |
| PERFORATED               | 5508 FEET                 | TO 5780               | FEET  |  |
| STIMULATION .            | Acid- 5k gal 7.5%. F      | rac- 37k gal gelled h | CI w/ 104k lbs 20/40 sar                        | nd                                     |
| OTHER PERFOR             | ATED ZONES                |                       |   |  |
| OTTIERY EIN ON           | 0                         | CUDDENT               | CTATHE  |  |
|                          |                           | CURRENT               | SIAIUS  |  |
| OF THE WELL              | Producii                  | ng                    |   |  |
| F P&A, LIST PLU          | IGGING DETAILS            |                       |   |  |
|                          |                           | <del></del>           |   |  |
|                          |                           |                       |   |  |

| OPERATOR                 | Seely Oil Co            | mpany                |         | LEASE McElvain F                                | ederal                         |           |
|--------------------------|-------------------------|----------------------|---------|---|--------------------------------|-----------|
| WELL NO.                 | 2                       | L                    | ос      | .5 FNL & 1980 FEL                               | SECTION 3                      | 0-185-34E |
| ÷ .                      |                         | 7                    | UBULAF  | R DATA  |                                | D         |
| SURFACE CAS              | ING                     |                      |         |   |                                |           |
| SIZE<br>TOC<br>HOLE SIZE | 10 3/4<br>Surface<br>15 |                      |         | CEMENTED WITH<br>DETERMINED BY<br>SETTING DEPTH | 200<br>Circulation<br>278      |           |
| INTERMEDIATE             | CASING                  |                      |         |   |                                |           |
| SIZE<br>TOC<br>HOLE SIZE |                         |                      |         | CEMENTED WITH<br>DETERMINED BY<br>SETTING DEPTH |                                |           |
| LONG STRING              |                         |                      |         |   |                                |           |
| SIZE<br>TOC<br>HOLE SIZE | 5 1/2<br>1923<br>7 7/8  |                      |         | CEMENTED WITH<br>DETERMINED BY<br>SETTING DEPTH | 450<br>Calculated Est.<br>4790 |           |
| TOTAL DEPTH              | 5401                    | •                    |         |   |                                |           |
|                          |                         | PF                   | RODUCII | NG INTERVAL                                     |                                |           |
| FORMATION<br>SPUD DATE   | Penrose<br>10/13/1955   |                      |         | POOL OR FIELD<br>COMPLETION DATE                | EK Yates-Sever<br>11/16/1955   |           |
| PERFORATED               | 4732                    | FEET TO              | 4742    | FEET  |                                |           |
| STIMULATION              | Frac- 6k gal r          | efined oil w/ 9k lbs | sand    |   |                                |           |
| OTHER PERFOR             | RATED ZONE              | s                    |         |   |                                |           |
|                          |                         | CU                   | IRRENT  | STATUS  |                                |           |
| OF THE WELL              | F                       | Producing            |         |   |                                |           |
| IF P&A, LIST PLU         | JGGING DET              | AILS                 |         |   |                                |           |
|                          |                         |                      |         |   |                                |           |
|                          |                         |                      |         |   |                                |           |

Seely Oil Company LEASE McElvain Federal OPERATOR LOC 660 FNL & 3300 FEL WELL NO. SECTION 30-18S-34E **UNIT LETTER** С **TUBULAR DATA SURFACE CASING** SIZE 8 5/8 32 lbs/ft **CEMENTED WITH** 200 SX. Surface **DETERMINED BY** TOC Circulation HOLE SIZE 12 1/4 SETTING DEPTH 275 INTERMEDIATE CASING SIZE **CEMENTED WITH** TOC **DETERMINED BY** SETTING DEPTH HOLE SIZE **LONG STRING** 5 1/2 15.5 lbs/ft SIZE **CEMENTED WITH** 350 TOC 2517 DETERMINED BY Calculated Est. **HOLE SIZE** 7 7/8 SETTING DEPTH 4747 4751 **TOTAL DEPTH** PRODUCING INTERVAL **FORMATION** Penrose POOL OR FIELD EK Yates-Seven Rivers-Quei SPUD DATE 4/29/1957 COMPLETION DATE 6/10/1957 4716 FEET TO 4730 FEET PERFORATED STIMULATION Acid- 1k gal Frac- 16.8k frac oil & 16k lbs sand OTHER PERFORATED ZONES **CURRENT STATUS** Producing OF THE WELL IF P&A, LIST PLUGGING DETAILS

**OPERATOR** 

Chiles Drilling Co.

WELL NO.

2

LOC

LEASE **Gulf Federal** 

560 FNL & 1618 FWL

SECTION **UNIT LETTER** 

30-18S-34E d

**TUBULAR DATA** 

**SURFACE CASING** 

SIZE

8 5/8

lbs/ft

CEMENTED WITH

200

SX.

TOC HOLE SIZE Surface 12 1/4

**DETERMINED BY** SETTING DEPTH

Circulation

306

INTERMEDIATE CASING

SIZE

TOC HOLE SIZE CEMENTED WITH

**DETERMINED BY** 

SETTING DEPTH

LONG STRING

SIZE

5 1/2

CEMENTED WITH

200

TOC **HOLE SIZE**  3703

7 7/8

**DETERMINED BY** SETTING DEPTH

Calculated Est.

4728

4728 TOTAL DEPTH

PRODUCING INTERVAL

FORMATION SPUD DATE

Penrose

6/28/1957

POOL OR FIELD

EK Yates-Seven Rivers-Quei

COMPLETION DATE 8/5/1957

PERFORATED

4690 FEET TO

4708 FEET

STIMULATION Acid- 500 gal Frac- 19.3k gal lease crude w/ 14k lbs sand

OTHER PERFORATED ZONES

**CURRENT STATUS** 

OF THE WELL

P&A

IF P&A, LIST PLUGGING DETAILS

15 sxs @ 4600-4728, 25 sxs @ 3000-3100, 25 sxs @ 1850-1950, 25 sxs @ 250-350, 10 sxs @ surface Cut 5 1/2 casing @ 3568

| OPERATOR<br>WELL NO.     | BTA Oil Producers                       | LOC           | LEASE 8701 JV-P E<br>2130 FNL & 625 FWL         | SECTION                      | 30-18S-34E |
|--------------------------|---|---------------|---|------------------------------|------------|
|                          |   | TUBULA        | R DATA  | UNIT LETTER                  | e e        |
| SURFACE CAS              | ING                                     |               |   |                              |            |
| SIZE<br>TOC<br>HOLE SIZE | 13 3/8 54.5 lt<br>Surface<br>17 1/2     | os/ft         | CEMENTED WITH<br>DETERMINED BY<br>SETTING DEPTH | 450<br>Circulation<br>430    | SX.        |
| INTERMEDIATE             | CASING                                  |               |   |                              |            |
| SIZE<br>TOC<br>HOLE SIZE | 8 5/8 24 & 32 lb<br>Surface<br>11       | os/ft         | CEMENTED WITH<br>DETERMINED BY<br>SETTING DEPTH | 1600<br>Circulation<br>3715  |            |
| LONG STRING              |   |               |   |                              |            |
| SIZE<br>TOC<br>HOLE SIZE | 5 1/2 17 lb<br>2300<br>7 7/8            | os/ft         | CEMENTED WITH<br>DETERMINED BY<br>SETTING DEPTH | 1700<br>Temp. Survey<br>9900 |            |
| TOTAL DEPTH              | 9900 '                                  |               |   |                              |            |
|                          |   | PRODUC        | ING INTERVAL                                    |                              |            |
| FORMATION<br>SPUD DATE   | Delaware<br>3/31/1987                   |               | POOL OR FIELD<br>COMPLETION DATE                | EK (Delaware)<br>6/2/1987    |            |
| PERFORATED               | 5689 FEET TO                            | 8713          | B FEET  |                              |            |
| STIMULATION              | Acid- 1k gal 7.5% HCl, Fra              | ac- 14k gal D | elta Frac w/ sand                               |                              |            |
| OTHER PERFO              | RATED ZONES<br>Bone Spring- 9487-9525 C |               | w/ 40' cement on top of p                       | olug                         |            |
| OF THE WELL              | Producing                               |               |   |                              |            |
| IF P&A, LIST PLI         | UGGING DETAILS                          |               |   |                              |            |
|                          |   |               |   |                              |            |
|                          |   |               |   |                              |            |

**OPERATOR** 

Owen C. Finch

Gulf Federal

WELL NO.

1

LEASE LOC 1650 FNL & 907 FWL

SECTION 30-18S-34E

е

**TUBULAR DATA** 

**SURFACE CASING** 

SIZE

8 5/8

24 lbs/ft

**CEMENTED WITH** 

175 SX.

TOC HOLE SIZE Surface 12 1/4 **DETERMINED BY** SETTING DEPTH

Circulation 286

UNIT LETTER

INTERMEDIATE CASING

SIZE

TOC **HOLE SIZE**  **CEMENTED WITH DETERMINED BY** 

SETTING DEPTH

**LONG STRING** 

SIZE

5 1/2

lbs/ft

14

**CEMENTED WITH** 

200

TOC

3460

**DETERMINED BY** 

0 Calculation

**HOLE SIZE** 

7 7/8

SETTING DEPTH

4732

TOTAL DEPTH 4732

PRODUCING INTERVAL

**FORMATION** SPUD DATE

Penrose

POOL OR FIELD

EK Yates-Seven Rivers-Quer

1/26/1958 **COMPLETION DATE** 2/12/1958

PERFORATED

4697 FEET TO

4709 FEET

STIMULATION Acid-unknown Frac- 20k gal lease crude 2/ 17/5 k lbs sand

OTHER PERFORATED ZONES

**CURRENT STATUS** 

OF THE WELL

P&A

IF P&A. LIST PLUGGING DETAILS

20 sxs @ 4600-4732, Casing cut @ 1287, 20 sxs @ 1187-1287, 20 sxs 197-297, 10 sxs @

surface

| •                        |                                  |         |   |  |
|--------------------------|----------------------------------|---------|---|--|
| OPERATOR<br>WELL NO.     | Seely Oil Company<br>3           | LOC     | LEASE McElvain For 2310 FNL & 2290 FWL          | SECTION 30-18S-34E                     |
| ***                      |                                  | TUBULAI | R DATA  | UNIT LETTER f                          |
| SURFACE CAS              | ING                              |         |   |  |
| SIZE<br>TOC<br>HOLE SIZE | 8 5/8 24 lbs<br>n/a<br>12 1/4    | s/ft    | CEMENTED WITH<br>DETERMINED BY<br>SETTING DEPTH | n/a sx.<br>n/a<br>1711                 |
| INTERMEDIATE             | CASING                           |         |   |  |
| SIZE<br>TOC<br>HOLE SIZE |                                  |         | CEMENTED WITH<br>DETERMINED BY<br>SETTING DEPTH |  |
| LONG STRING              |                                  |         |   |  |
| SIZE<br>TOC<br>HOLE SIZE | 5 1/2 15.5 lbs/<br>3715<br>7 7/8 | /ft     | CEMENTED WITH<br>DETERMINED BY<br>SETTING DEPTH | 150<br>Calculated estimate<br>4670     |
| TOTAL DEPTH              | 4900 '                           |         |   |  |
|                          |                                  | PRODUCI | NG INTERVAL                                     |  |
| FORMATION<br>SPUD DATE   | Penrose<br>3/1/1956              |         | POOL OR FIELD<br>COMPLETION DATE                | EK Yates-Seven Rivers-Que<br>4/28/1956 |
| PERFORATED               | 4670 FEET TO                     | 4710    | FEET  |  |
| STIMULATION              | Frac- 10k gal & 15k lbs sand     | d       |   |  |
| OTHER PERFOR             | RATED ZONES                      |         |   |  |
|                          |                                  | CURRENT | STATUS  |  |
| OF THE WELL              | Producing                        |         |   |  |
| IF P&A, LIST PLU         | JGGING DETAILS                   |         |   |  |
|                          |                                  |         |   |  |
|                          |                                  |         |   |  |
| 1                        |                                  |         |   | i                                      |

C. W. Trainer OPERATOR LEASE McElvain Federal WELL NO. 1 LOC 2086 FNL & 2002 FWL **SECTION** 30-18S-34E UNIT LETTER f **TUBULAR DATA** SURFACE CASING 48 lbs/ft SIZE 13 3/8 **CEMENTED WITH** 300 SX. TOC Surface **DETERMINED BY** Circulation HOLE SIZE 17 1/2 SETTING DEPTH 360 INTERMEDIATE CASING 8 5/8 24 & 28 lbs/ft SIZE **CEMENTED WITH** 725 2150 TOC **DETERMINED BY** calculated Est. HOLE SIZE 11 SETTING DEPTH 4750 **LONG STRING** SIZE **CEMENTED WITH** TOC **DETERMINED BY** HOLE SIZE SETTING DEPTH TOTAL DEPTH 10260 PRODUCING INTERVAL **FORMATION** POOL OR FIELD SPUD DATE COMPLETION DATE FEET TO **PERFORATED** FEET

OTHER PERFORATED ZONES

#### **CURRENT STATUS**

OF THE WELL

STIMULATION

P&A

IF P&A, LIST PLUGGING DETAILS

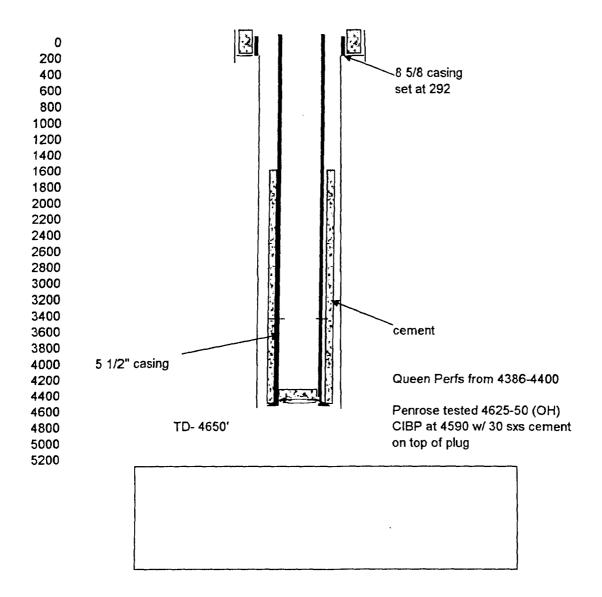
55 sxs @ 9330-9480, 55 sxs @ 7500-7650, 55 sxs @ 1700-1850, 10 sacks @ surface

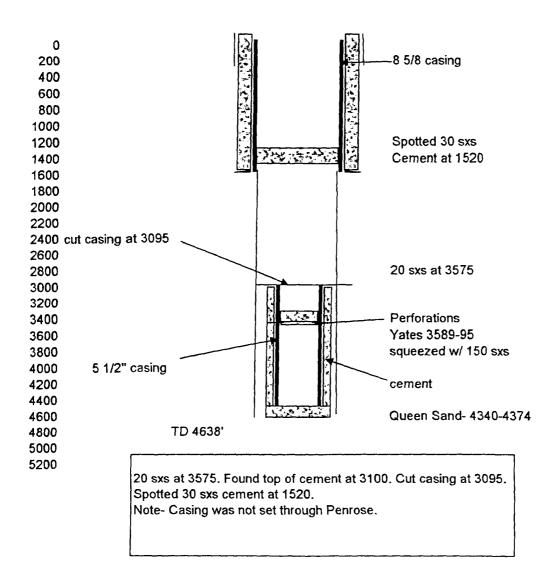
| OPERATOR<br>WELL NO.     | Kaiser Francis(H<br>1                   | illard O & G)<br>LOC | LEASE McElvain Fo                               | SECTION 30-18S-34E                  |
|--------------------------|---|----------------------|---|-------------------------------------|
|                          |   | TUBU                 | LAR DATA  | UNIT LETTER j                       |
| SURFACE CAS              | ING                                     |                      |   |                                     |
| SIZE<br>TOC<br>HOLE SIZE | 13 3/8<br>Surface<br>17 1/2<br>E CASING | 48 lbs/ft            | CEMENTED WITH<br>DETERMINED BY<br>SETTING DEPTH | 370 sx.<br>Circulation<br>355       |
| SIZE<br>TOC<br>HOLE SIZE | 8 5/8<br>2944<br>11                     | 32 lbs/ft            | CEMENTED WITH<br>DETERMINED BY<br>SETTING DEPTH | 500<br>calculated Est.<br>5115      |
| SIZE<br>TOC<br>HOLE SIZE | 4 1/2" liner<br>7225<br>7.875           |                      | CEMENTED WITH<br>DETERMINED BY<br>SETTING DEPTH | 500<br>Calculated Est.<br>4870-9650 |
|                          |   | PRODU                | UCING INTERVAL                                  |                                     |
| FORMATION<br>SPUD DATE   | Bone Spring<br>6/1/1974                 |                      | POOL OR FIELD<br>COMPLETION DATE                | EK (Bone Spring)<br>10/27/1974      |
| PERFORATED               | 9498 FEE                                | ET TO 95             | 524 FEET  |                                     |
| STIMULATION              |   |                      |   |                                     |
| OTHER PERFOR             | RATED ZONES                             |                      |   |                                     |
|                          |   | CURRE                | ENT STATUS                                      |                                     |
| OF THE WELL              | Produ                                   | ıcing                |   |                                     |
| IF P&A, LIST PLU         | JGGING DETAILS                          |                      |   |                                     |
|                          |   |                      |   |                                     |

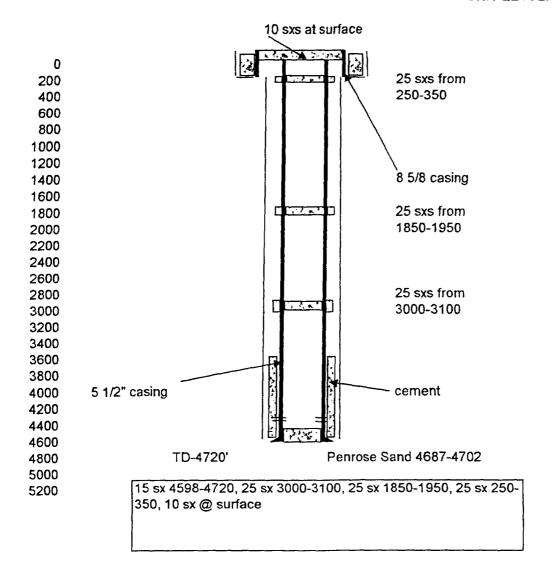
| OPERATOR<br>WELL NO.     | Yate Petroleum<br>1            | Loc               | LEASE Howe "TG" F<br>1980 FSL & 1830 FWL        | Federal<br>SECTION 30-18S-34E<br>UNIT LETTER k |
|--------------------------|--------------------------------|-------------------|---|--|
| *                        |                                | TUBULAF           | R DATA  | X  |
| SURFACE CAS              | ING                            |                   |   |  |
| SIZE<br>TOC<br>HOLE SIZE | 13 3/8 48<br>Surface<br>17 1/2 | lbs/ft            | CEMENTED WITH<br>DETERMINED BY<br>SETTING DEPTH | 350 sx.<br>Circulation<br>350                  |
| INTERMEDIATE             | CASING                         |                   |   |  |
| SIZE<br>TOC<br>HOLE SIZE | 8 5/8 32<br>Surface<br>12 1/4  | lbs/ft            | CEMENTED WITH<br>DETERMINED BY<br>SETTING DEPTH | 3650<br>Circulation<br>4435                    |
| LONG STRING              |                                |                   |   |  |
| SIZE<br>TOC<br>HOLE SIZE | 5 1/2 17<br>5800<br>7 7/8      | lbs/ft            | CEMENTED WITH<br>DETERMINED BY<br>SETTING DEPTH | 725<br>Calculated Est.<br>10512                |
| TOTAL DEPTH              | 10512 '                        |                   |   |  |
|                          |                                | PRODUCII          | NG INTERVAL                                     |  |
| FORMATION<br>SPUD DATE   | Bone Spring<br>3/11/1982       |                   | POOL OR FIELD<br>COMPLETION DATE                | EK (Bone Spring)<br>4/18/1982                  |
| PERFORATED               | 9519 FEET TO                   | 9541              | FEET  |  |
| STIMULATION              | Acid- 2k gal 15% Ne Acid       | d. Frac- 1k gai r | og. Acid, 30k lbs sand                          |  |
| OTHER PERFOR             | RATED ZONES                    |                   |   |  |
|                          |                                | CURRENT           | STATUS  |  |
| OF THE WELL              | Producing                      |                   |   |  |
| IF P&A, LIST PLU         | JGGING DETAILS                 |                   |   |  |
|                          |                                |                   |   |  |

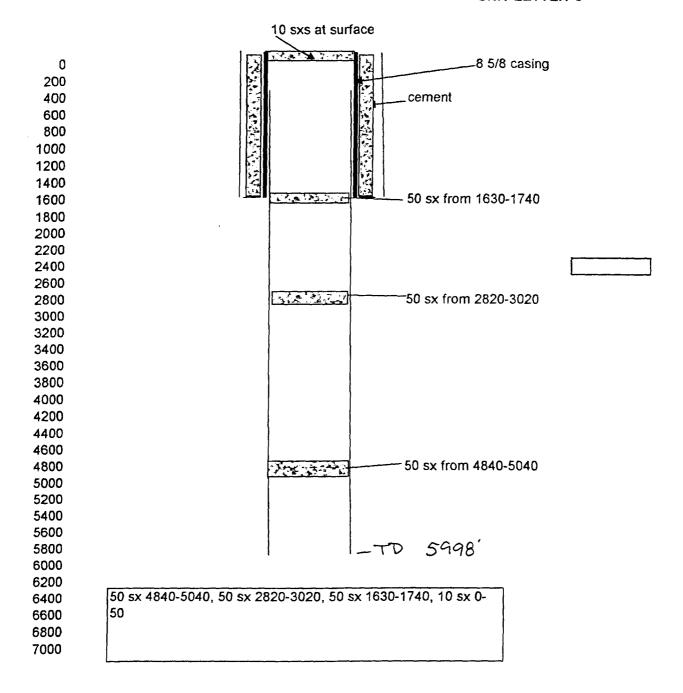
| •                        |                                       |                 |   |   |
|--------------------------|---------------------------------------|-----------------|---|---|
| OPERATOR<br>WELL NO.     | C. W. Trainer                         | LOC             | LEASE McElvain Fe<br>660 FWL & 764 FSL          | ederal SECTION 30-18S-34E UNIT LETTER m |
|                          |                                       | TUBULA          | R DATA  |   |
| SURFACE CAS              | ING                                   |                 |   |   |
| SIZE<br>TOC<br>HOLE SIZE | 13 3/8 54.5 f<br>Surface<br>17 1/2    | bs/ft           | CEMENTED WITH<br>DETERMINED BY<br>SETTING DEPTH | 370 sx.<br>Circulation<br>352           |
| INTERMEDIATE             | CASING                                |                 |   |   |
| SIZE<br>TOC<br>HOLE SIZE | 8 5/8 24 & 32 II<br>Surface<br>12 1/4 | bs/ft           | CEMENTED WITH<br>DETERMINED BY<br>SETTING DEPTH | 1100<br>Circulation<br>3710             |
| LONG STRING              |                                       |                 |   |   |
| SIZE<br>TOC<br>HOLE SIZE | 5 1/2 20 & 23 lt<br>5576<br>7 7/8     | bs/ft           | CEMENTED WITH<br>DETERMINED BY<br>SETTING DEPTH | 650<br>Calculated Est.<br>9717          |
| TOTAL DEPTH              | 10384 '                               |                 |   |   |
|                          |                                       | PRODUCI         | NG INTERVAL                                     |   |
| FORMATION<br>SPUD DATE   | Bone Spring<br>7/18/1984              |                 | POOL OR FIELD<br>COMPLETION DATE                | EK (Bone Spring)<br>8/10/1984           |
| PERFORATED               | 9482 FEET TO                          | 9558            | FEET  |   |
| STIMULATION              | Acid- 2500 gal 7.5% NeFe              | e. Frac- 60k ga | al eze-frac 60 w/ 129 tons                      | CO2 & 120k 20/40 sand                   |
| OTHER PERFOR             | RATED ZONES                           |                 |   |   |
|                          |                                       | CURRENT         | STATUS  |   |
| OF THE WELL              | Producing                             |                 |   |   |
| IF P&A, LIST PLU         | JGGING DETAILS                        |                 |   |   |
|                          |                                       |                 |   |   |

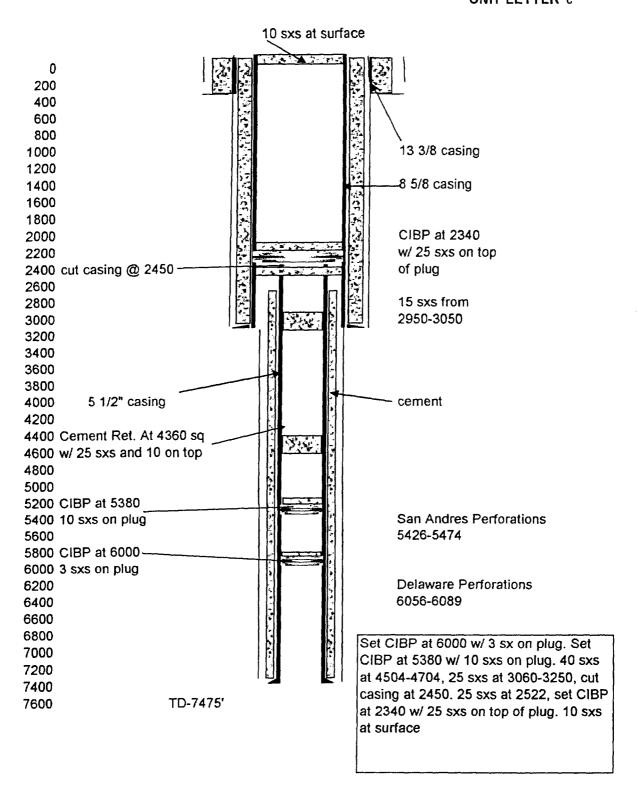
| OPERATOR<br>WELL NO.     | Yate Petroleum<br>2              | LOC              | LEASE Howe "TG"<br>810 FSL & 1830 FWL           | Federal SECTION 30-18S-34E UNIT LETTER n |
|--------------------------|----------------------------------|------------------|---|--|
|                          |                                  | TUBULA           | R DATA  | ONT LETTER II                            |
| SURFACE CAS              | ING                              |                  |   |  |
| SIZE<br>TOC<br>HOLE SIZE | 13 3/8 54.5<br>Surface<br>17 1/2 | lbs/ft           | CEMENTED WITH<br>DETERMINED BY<br>SETTING DEPTH | 375 sx.<br>Circulation<br>350            |
| INTERMEDIATE             | CASING                           |                  |   |  |
| SIZE<br>TOC<br>HOLE SIZE | 8.625 32<br>Surface<br>11        | lbs/ft           | CEMENTED WITH<br>DETERMINED BY<br>SETTING DEPTH | 1100<br>Circulation<br>3654              |
| LONG STRING              |                                  |                  |   |  |
| SIZE<br>TOC<br>HOLE SIZE | 5 1/2 17<br>5890<br>7 7/8        | lbs/ft           | CEMENTED WITH<br>DETERMINED BY<br>SETTING DEPTH | 600<br>Calculated Est.<br>9714           |
| TOTAL DEPTH              | 9714 '                           |                  |   |  |
|                          |                                  | PRODUC           | ING INTERVAL                                    |  |
| FORMATION<br>SPUD DATE   | Bone Spring<br>12/8/1985         |                  | POOL OR FIELD<br>COMPLETION DATE                | EK (Bone Spring)<br>1/7/1986             |
| PERFORATED               | 9495 FEETT                       | 0 9541           | FEET  |  |
| STIMULATION              | Acid- 3k gal. Frac- 60k          | gal KCl water, 6 | 0 tons of CO2, & 132k lb                        | s 20/40 sand                             |
| OTHER PERFOR             | RATED ZONES                      |                  |   |  |
|                          |                                  | CURRENT          | r STATUS  |  |
| OF THE WELL              | Producino                        | J                |   |  |
| IF P&A, LIST PL          | UGGING DETAILS                   |                  |   |  |
|                          |                                  |                  |   |  |

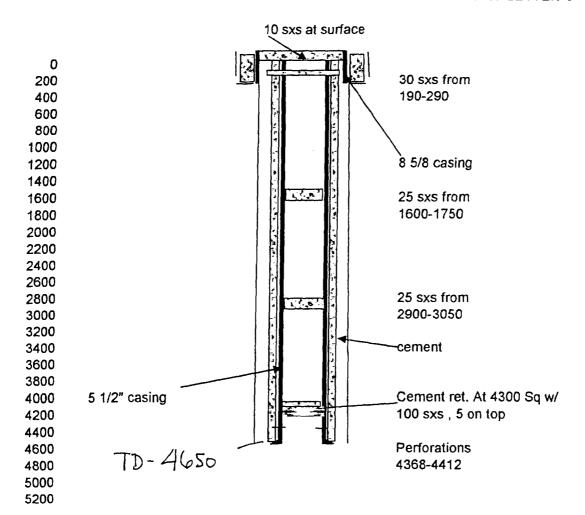




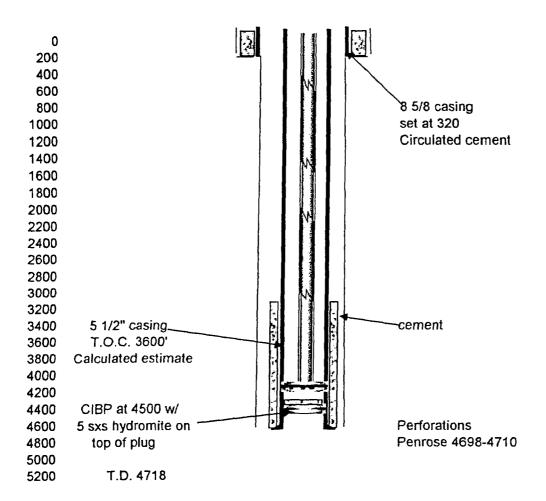




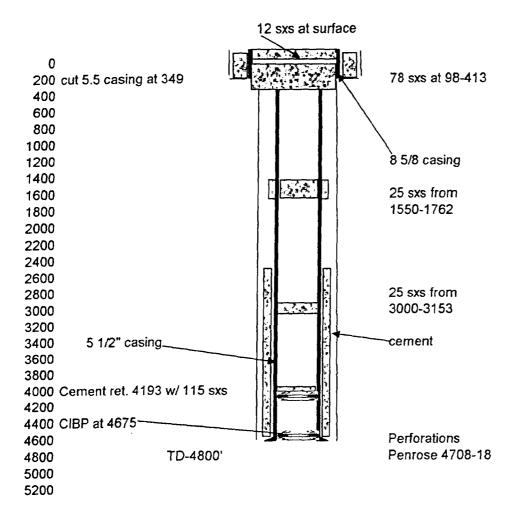




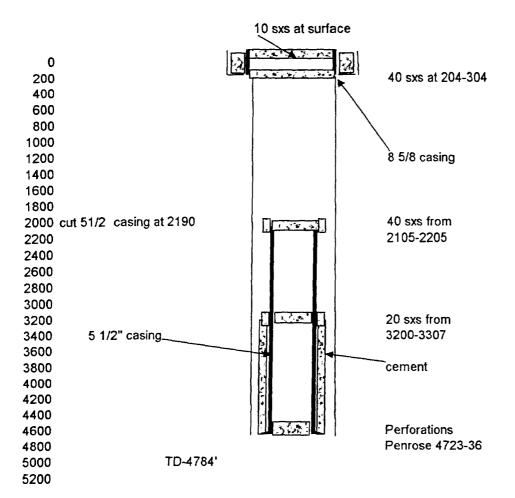
Set cement retainer at 4300. Squeeze w/ 100 sxs w/ 5 on top. 25 sxs at 2900-3050, 25 sxs at 1600-1750, 10 sxs at surface



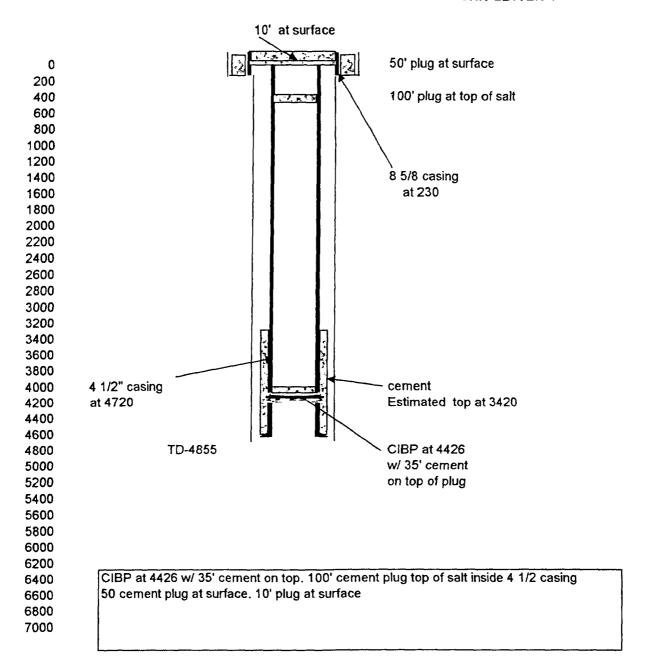
Active Queen Sand water injection well

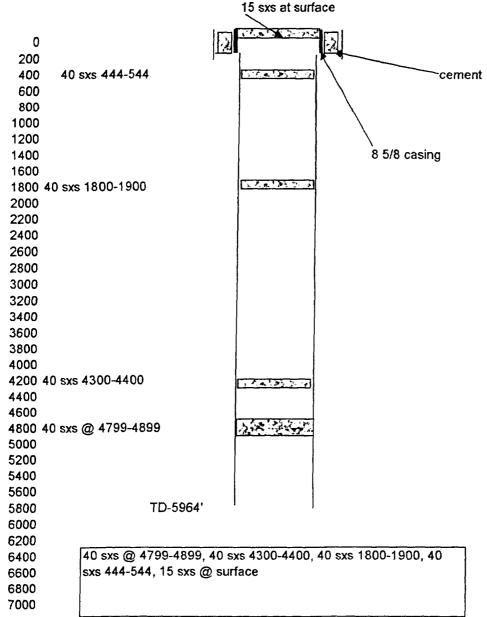


CIBP at 4675 w/ 10 gal hydromite on plug. Set cement ret. 4193. Squeeze w/ 115 sxs. 25 sxs at 3000-3153, 25 sxsw at 1550-1762. cut casing at 349. spotted 78 sxs 98-413. 12 sx at surface



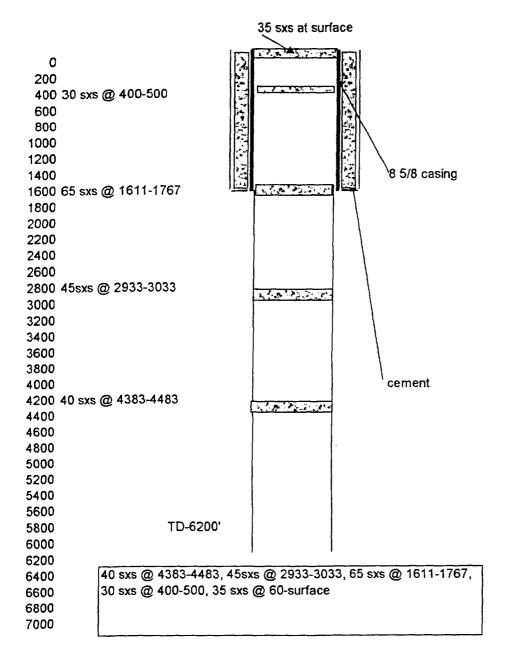
20 sxs at 4600-4702, 20 sxs at 3200-3307, cut casing at 2190, 40 sxs at 2105-2205, 40 sxs 1609-1709, 40 sxs 204-304, 10 sxs at surface

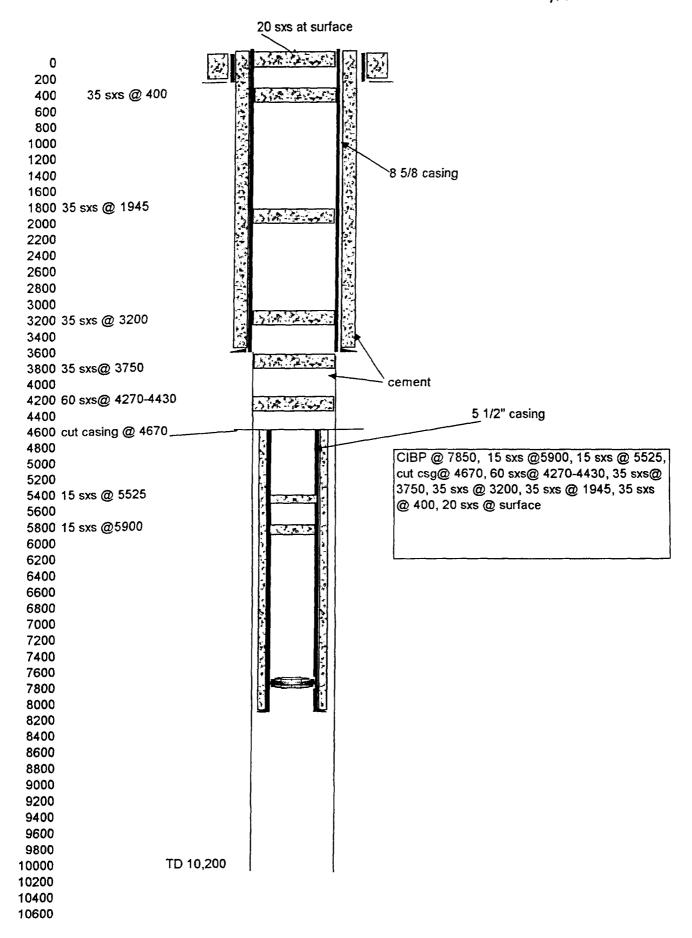


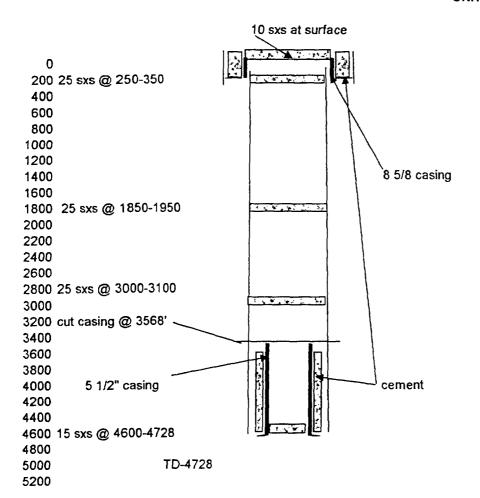


760' FNL&2020FEL

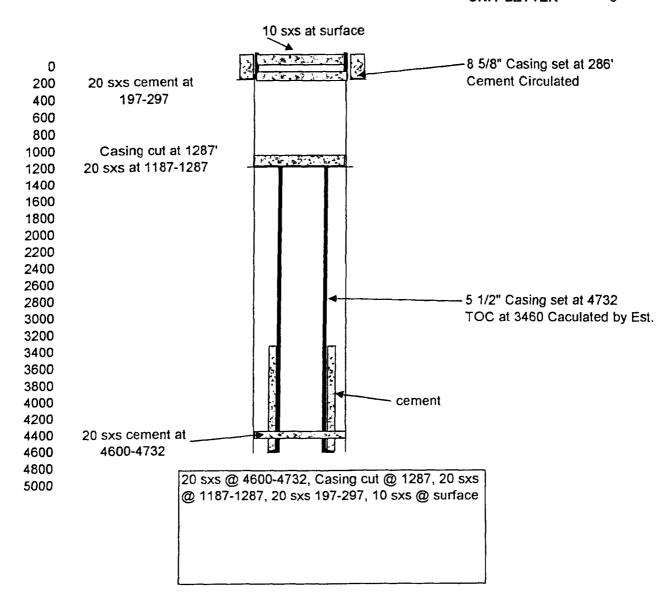
ECTION 29-18S-34E UNIT LETTER b

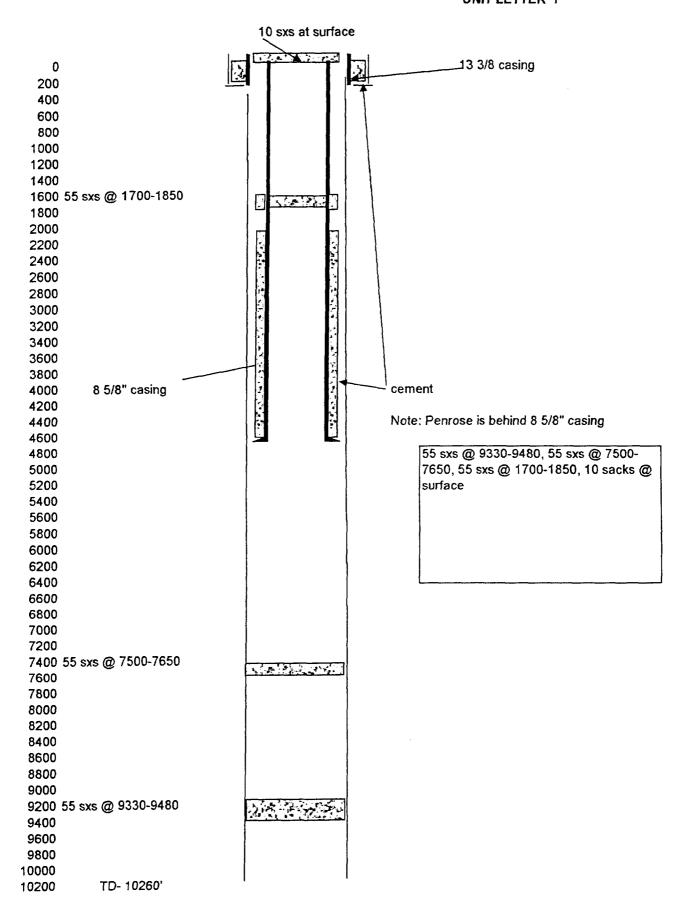


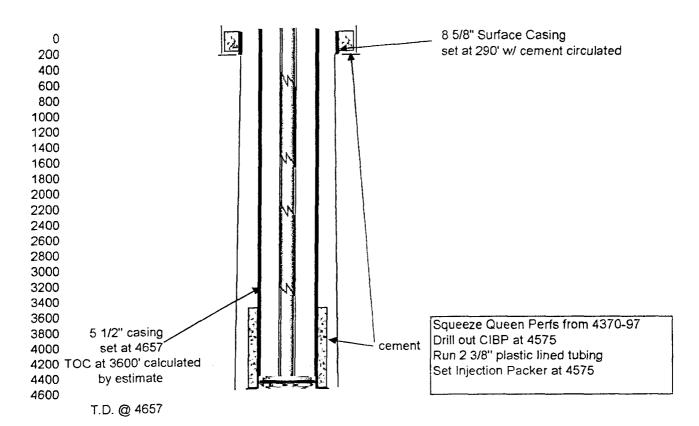




15 sxs @ 4600-4728, 25 sxs @ 3000-3100, 25 sxs @ 1850-1950, 25 sxs @ 250-350, 10 sxs @ surface Cut 5 1/2 casing @ 3568





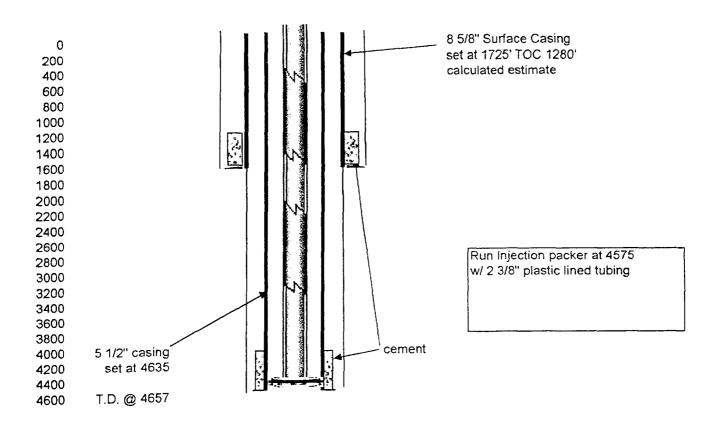


Penrose- 4628-4634

| OPERATOR<br>WELL NO.     | Seely Oil Comp<br>27       | any<br>LO |                                     |         | SECTION<br>NIT LETTER        | 24-18S-33E<br>o |
|--------------------------|----------------------------|-----------|-------------------------------------|---------|------------------------------|-----------------|
|                          |                            | TU        | BULAR DATA                          | 0.      |                              | Ŭ               |
| SURFACE CAS              | ING                        |           |                                     |         |                              |                 |
| SIZE<br>TOC<br>HOLE SIZE | 8 5/8<br>Surface<br>12 1/4 | 24 lbs/ft | CEMENTED<br>DETERMINE<br>SETTING DE | D BY    | 175<br>Circulation<br>290    | SX.             |
| INTERMEDIATE             | CASING                     |           |                                     |         |                              |                 |
| SIZE<br>TOC<br>HOLE SIZE |                            |           | CEMENTED<br>DETERMINE<br>SETTING DE | D BY    |                              |                 |
| LONG STRING              |                            |           |                                     |         |                              |                 |
| SIZE<br>TOC<br>HOLE SIZE | 5 1/2<br>3600<br>7 7/8     | 14 lbs/ft | CEMENTED DETERMINE SETTING DE       | D BY Ca | 200<br>Iculated Est.<br>4657 |                 |
| TOTAL DEPTH              | 4657 '                     |           |                                     |         |                              |                 |
|                          |                            | PRO       | ODUCING INTERVAL                    | L       |                              |                 |
| FORMATION<br>SPUD DATE   | Queen<br>12/24/1957        |           | POOL OR FIE                         |         | . Yates-Sever<br>6/23/1966   | n Rivers-Queen  |
| PERFORATED               | 4370 FE                    | ET TO     | 4397 FEET                           |         |                              |                 |
| STIMULATION              | Acid- 500 gal. 15          | % NE      |                                     |         |                              |                 |
| OTHER PERFOI             |                            |           | 75 w/ 10' cmt on top o              | of plug |                              |                 |
| OF THE WELL              | Acti                       | ve WIW    |                                     |         |                              |                 |
| IF P&A, LIST PLI         | UGGING DETAIL              | S         |                                     |         |                              |                 |
|                          |                            |           |                                     |         |                              |                 |
|                          |                            |           |                                     |         |                              |                 |

### **INJECTION WELL DATA SHEET**

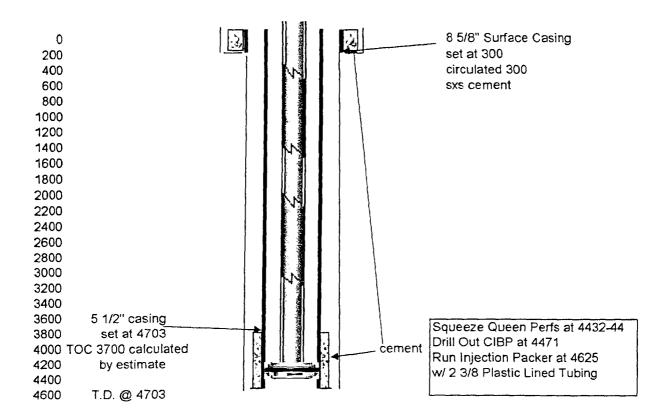
| Tubing Size:<br>2 3/8 in                  |                                    | ning Material:<br>estic                                  |                           |   |     |
|---|------------------------------------|--|---------------------------|---|-----|
| Type of Packer:<br>AD-1                   |                                    |  |                           |   |     |
| Packer Setting Depth<br>4575±             | 1                                  |  |                           |   |     |
| Other Type of Tubing                      | /Casing Seal                       | if applicable)   |                           |   |     |
|   | Ac                                 | ditional Data  |                           |   |     |
|   |                                    | vell originally drilled                                  | Yes                       | X | _No |
| 2. Name of the Injecti<br>Penrose 46      |                                    |  |                           |   |     |
| 3. Name of the Field of EK Yates S        | or Pool ( if app<br>even Rivers Qu |  |                           |   |     |
|   | rated intervals                    | d in any other zone(s)?<br>and give plugging detail, i.e | Yes<br>e. sacks of cement |   |     |
| injection zone in th<br>Queen<br>Grayburg | is area?<br>4400'                  | oil or gas zones underlying o                            | or overlying the proposed |   |     |



Penrose- 4637-57(OH)

| OPERATOR WELL NO.             | Seely Oil Company<br>1    | Loc         | LEASE McElvain Fe<br>660 FNL & 1980 FEL         | deral<br>SECTION 25-18S-33E<br>UNIT LETTER b |
|-------------------------------|---------------------------|-------------|---|--|
| TUBULAR DATA                  |                           |             |   |  |
| SURFACE CASING                |                           |             |   |  |
| SIZE<br>TOC<br>HOLE SIZE      | 8 5/8<br>1280<br>11       | 24 lbs/ft   | CEMENTED WITH<br>DETERMINED BY<br>SETTING DEPTH | 125 sx.<br>Calculated Est.<br>1725           |
| INTERMEDIATE CASING           |                           |             |   |  |
| SIZE<br>TOC<br>HOLE SIZE      |                           |             | CEMENTED WITH<br>DETERMINED BY<br>SETTING DEPTH |  |
| LONG STRING                   |                           |             |   |  |
| SIZE<br>TOC<br>HOLE SIZE      | 5 1/2 15<br>4100<br>7 7/8 | .5 lbs/ft   | CEMENTED WITH<br>DETERMINED BY<br>SETTING DEPTH | 100<br>Calculated Est.<br>4635               |
| TOTAL DEPTH                   | 4657 '                    |             |   |  |
| PRODUCING INTERVAL            |                           |             |   |  |
| FORMATION<br>SPUD DATE        | Penrose<br>6/18/1955      |             | POOL OR FIELD<br>COMPLETION DATE                | EK Yates-Seven Rivers-Queen 8/12/1955        |
| PERFORATED                    | 4637 FEET T               | O 4657 (OH) | FEET  |  |
| STIMULATION                   | Frac- 10k gal. & 10k lb   | os. sand    |   |  |
| OTHER PERFORATED ZONES        |                           |             |   |  |
| CURRENT STATUS                |                           |             |   |  |
| OF THE WELL                   | Producing                 | g           |   |  |
| IF P&A, LIST PLUGGING DETAILS |                           |             |   |  |
|                               |                           |             |   |  |
|                               |                           |             |   |  |

| Tubing Size:<br>2 3/8 in   | Lining Material: Plastic   |      |
|--|--|------|
| Type of Packer:<br>AD-1  |  |      |
| Packer Setting Depth<br>4575±  |  |      |
| Other Type of Tubing/Casing Se   | eal ( if applicable)   |      |
|  | Additional Data  |      |
| Is this a new well drilled for in<br>If no, for what purpose was the<br>Penrose Oil Producer           |  | X No |
| 2. Name of the Injection Format<br>Penrose- 4637-57(OH)  |  |      |
| 3. Name of the Field or Pool ( if EK Yates Seven Rivers  |  |      |
| 4. Has the well ever been perfor<br>List all such perforated interv<br>of plug(s) used.                | rated in any other zone(s)?  vals and give plugging detail, i.e. sacks of cement |      |
| 5. Give the name and depth of a injection zone in this area?  Queen 4400'  Grayburg 4450'  Yates 3600' | ny oil or gas zones underlying or overlying the proposed                         |      |



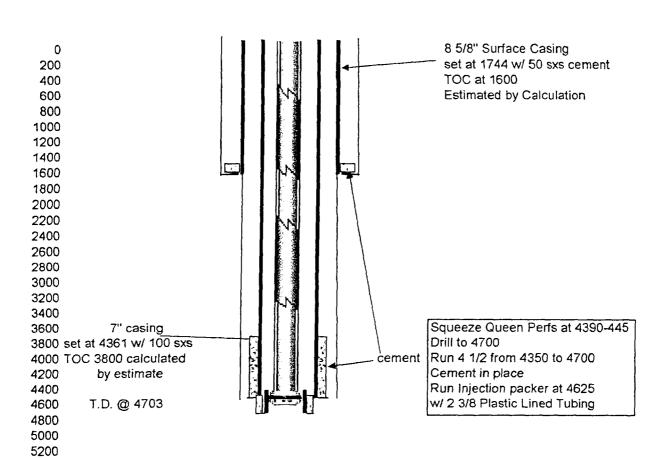
Penrose- 4678-4686

EK Queen Unit LEASE Seely Oil Company OPERATOR **SECTION** 19-18S-34E 1980 FSL & 1897 FWL LOC 22 WELL NO. **UNIT LETTER TUBULAR DATA** SURFACE CASING 300 SX. **CEMENTED WITH** 24 lbs/ft 8 5/8 SIZE Circulation **DETERMINED BY** Surface TOC 300 SETTING DEPTH 12 1/4 HOLE SIZE INTERMEDIATE CASING **CEMENTED WITH** SIZE **DETERMINED BY** TOC SETTING DEPTH HOLE SIZE LONG STRING **CEMENTED WITH** 200 14 lbs/ft 5 1/2 SIZE Calculated Est **DETERMINED BY** 3700 TOC 4703 SETTING DEPTH 7 7/8 HOLE SIZE 4703 TOTAL DEPTH PRODUCING INTERVAL EK Yates-Seven Rivers-Queen POOL OR FIELD Queen Sand **FORMATION** 9/17/1957 **COMPLETION DATE** 10/16/1956 SPUD DATE 4432 FEET TO 4444 FEET PERFORATED STIMULATION Frac- 30k gal lease crude & 37.3k lbs sand OTHER PERFORATED ZONES Penrose 4678-4686, CIBP at 4471 **CURRENT STATUS** Active Queen Sand WIW OF THE WELL IF P&A, LIST PLUGGING DETAILS

| Tubing Size:<br>2 3/8 in   | Lining Material:<br>Plastic |                                  |          |     |
|--|-----------------------------|----------------------------------|----------|-----|
| Type of Packer:<br>AD-1  |                             |                                  |          |     |
| Packer Setting Depth<br>4600±  |                             |                                  |          |     |
| Other Type of Tubing/Casing So   | eal ( if applicable)        |                                  |          |     |
|  | Additional Data             |                                  |          |     |
| Is this a new well drilled for in life no, for what purpose was the Penrose Sand Oil Process.                | he well originally drilled  | Yes                              | <u> </u> | _No |
| 2. Name of the Injection Format<br>Penrose 4678-4686   | ion                         |                                  |          |     |
| 3. Name of the Field or Pool ( if EK Yates Seven Rivers  |                             |                                  |          |     |
| 4. Has the well ever been positive intervals all such perforated intervals of plug(s) used.  Queen 4432-4444 | មើន ្រែក្រស់ទូទូកន្         | .c. sacks of cement              |          |     |
| 5. Give the name and depth of a injection zone in this area?  Queen 4400'  Grayburg 4450'  Yates 3600'       | ny oil or gas zones unde    | rlying or overlying the proposed |          |     |

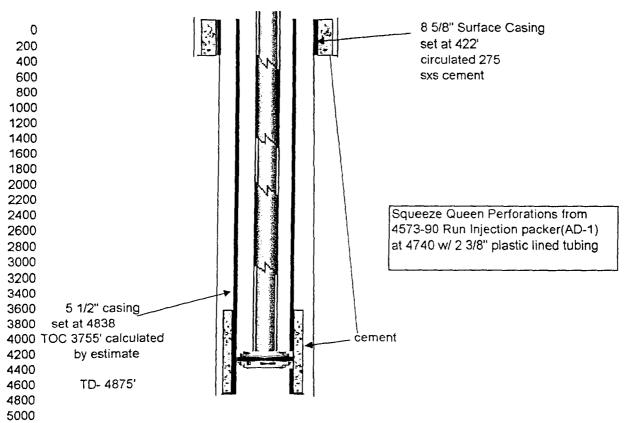
5400

SECT



| OPERATOR WELL NO.        | Seely Oil Company<br>21  | LOC                                   | LEASE EK Queen U<br>1980 FSL & 660 FWL          |                                       |
|--------------------------|--------------------------|---------------------------------------|---|---------------------------------------|
| WELL NO.                 | ۷.                       | LOC                                   | 1900 1 SL & 000 F VVL                           | SECTION 19-18S-34E<br>UNIT LETTER I   |
|                          |                          | TUBULAF                               | R DATA  |                                       |
| SURFACE CAS              | ING                      |                                       |   |                                       |
| SIZE<br>TOC              | 8 5/8 24<br>1600         | 4 lbs/ft                              | CEMENTED WITH DETERMINED BY                     | 50 sx.<br>Calculated Est.             |
| HOLE SIZE                | 11                       |                                       | SETTING DEPTH                                   | 1744                                  |
| INTERMEDIATE             | CASING                   |                                       |   |                                       |
| SIZE<br>TOC<br>HOLE SIZE |                          |                                       | CEMENTED WITH<br>DETERMINED BY<br>SETTING DEPTH |                                       |
| LONG STRING              |                          |                                       |   |                                       |
| SIZE<br>TOC<br>HOLE SIZE | 7 20<br>3800<br>8 3/4    | lbs/ft                                | CEMENTED WITH<br>DETERMINED BY<br>SETTING DEPTH | 100<br>Calculated Est<br>4361         |
| TOTAL DEPTH              | 4473 '                   |                                       |   |                                       |
|                          |                          | PRODUCI                               | NG INTERVAL                                     |                                       |
| FORMATION<br>SPUD DATE   | Queen Sand<br>12/10/1954 |                                       | POOL OR FIELD<br>COMPLETION DATE                | EK Yates-Seven Rivers-Queen 2/24/1955 |
| PERFORATED               | 4390 FEET TO             | 4445                                  | FEET  |                                       |
| STIMULATION              | Frac- 10k gal lease crud | de & 15k lbs sand                     | j   |                                       |
| OTHER PERFOR             | RATED ZONES              |                                       |   |                                       |
|                          |                          | CURRENT                               | STATUS  |                                       |
| OF THE WELL              | Producing                |                                       |   |                                       |
| IF P&A, LIST PLU         | JGGING DETAILS           |                                       |   |                                       |
|                          |                          | · · · · · · · · · · · · · · · · · · · |   |                                       |
|                          |                          |                                       |   |                                       |
| L                        |                          |                                       |   |                                       |

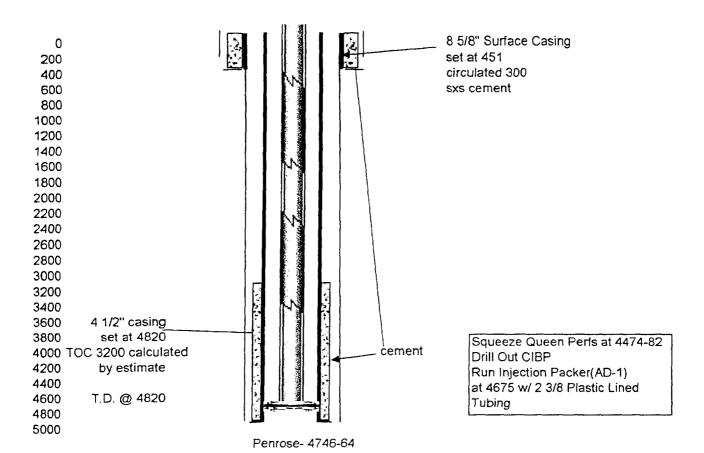
| Tubing Size:<br>2 3/8 in  | Lining Material:<br>Plastic               |  |      |     |
|---|---|--|------|-----|
| Type of Packer:<br>AD-1   |   |  |      |     |
| Packer Setting Depth<br>4625±   |   |  |      |     |
| Other Type of Tubing/Ca   | asing Seal ( if applicable)               |  |      |     |
|   | Additional Data                           |  |      |     |
| 1. Is this a new well drill<br>If no, for what purpos<br>Penrose Oil Pr           | e was the well originally dril            | led Yes                                      | x    | _No |
| 2. Name of the Injection<br>Penrose 4698-   |   |  |      |     |
| 3. Name of the Field or I<br>EK Yates Seve  | Pool ( if applicable).<br>en Rivers Queen |  |      |     |
|   |   | ne(s)? Yes<br>g detail, i.e. sacks of cement |      |     |
| 5. Give the name and de injection zone in this a Queen 440 Grayburg 445 Yates 360 | nrea?<br>0'<br>0'                         | inderlying or overlying the propo            | osed |     |



Penrose- 4814-4822

| OPERATOR<br>WELL NO.     | Concho Oil & Gas<br>1         | LOC<br>TUBULAF      | LEASE Citation<br>1650 FSL & 330 FWL            | SECTION 20-18S-34E<br>UNIT LETTER I  |
|--------------------------|-------------------------------|---------------------|---|--------------------------------------|
| SURFACE CAS              | ING                           |                     |   |                                      |
| SIZE<br>TOC<br>HOLE SIZE | Surface<br>12 1/4             | 24 lbs/ft           | CEMENTED WITH<br>DETERMINED BY<br>SETTING DEPTH | 275 sx.<br>Circulation<br>422        |
| INTERMEDIATE             | CASING                        |                     |   |                                      |
| SIZE<br>TOC<br>HOLE SIZE |                               |                     | CEMENTED WITH<br>DETERMINED BY<br>SETTING DEPTH |                                      |
| LONG STRING              |                               |                     |   |                                      |
| SIZE<br>TOC<br>HOLE SIZE | 5 1/2 15<br>3755<br>7 7/8     | .5 lbs/ft           | CEMENTED WITH<br>DETERMINED BY<br>SETTING DEPTH | 170<br>Calculated Est.<br>4838       |
| TOTAL DEPTH              | 4875 '                        |                     |   |                                      |
|                          |                               | PRODUCI             | NG INTERVAL                                     |                                      |
| FORMATION<br>SPUD DATE   | Penrose Sand<br>2/2/2000      |                     | POOL OR FIELD<br>COMPLETION DATE                | EK Yates-Seven Rivers-Queen 1/0/1900 |
| PERFORATED               | 4814 FEETT                    | O 4822              | FEET  |                                      |
| STIMULATION              | Acid- 500 gal 15% NeFe        | e, Frac- w/ 15k gal | Viking 3000 + 37.6k lbs                         | 16/30 Ottawa Sd.                     |
| OTHER PERFO              | RATED ZONES<br>Queen- 4573-90 | CUPPENT             | CTATUS  |                                      |
|                          |                               | CURRENT             | STATUS  |                                      |
| OF THE WELL              | Producing                     | g                   |   |                                      |
| IF P&A, LIST PL          | UGGING DETAILS                |                     |   |                                      |
|                          |                               |                     |   |                                      |
|                          |                               |                     |   |                                      |

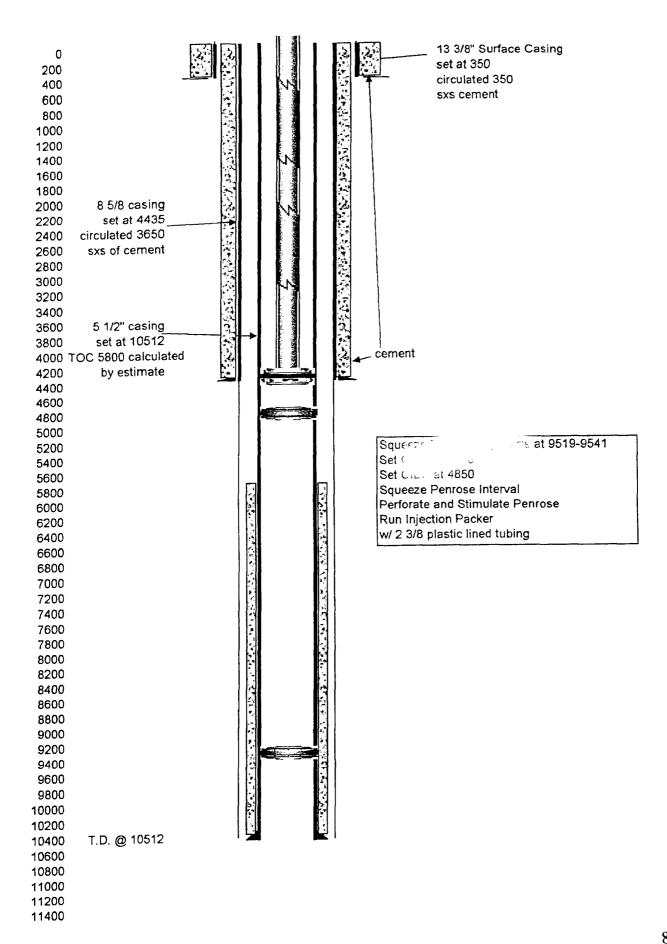
| Tubing Size:<br>2 3/8 in                       | Lining Material: Plastic  |         |
|--|---|---------|
| Type of Packer:<br>AD-1                        |   |         |
| Packer Setting Depth<br>4675±                  |   |         |
| Other Type of Tubing/                          | /Casing Seal ( if applicable)   |         |
|  | Additional Data   |         |
|  | rilled for injection?  oose was the well originally drilled  nd Producer                                | XNo     |
| 2. Name of the Injection Penrose- 48           |   |         |
| 3. Name of the Field of EK Yates Se            | or Pool ( if applicable).<br>even Rivers Queen  |         |
|  | een perforated in any other zone(s)?  Yes  ated intervals and give plugging detail, i.e. sacks of cemen | t       |
| Queen- 4573                                    | 3-90  |         |
| injection zone in thi<br>Queen 4<br>Grayburg 4 | 1400'   | roposed |



| OPERATOR<br>WELL NO.     | Seely Oil Co<br>2          | mpany              | LOC<br>TUBULAI | LEASE Scharbauer<br>330 FSL & 1650 FWL          | SECTION<br>UNIT LETTER         | 20-18S-34E<br>n |
|--------------------------|----------------------------|--------------------|----------------|---|--------------------------------|-----------------|
| SURFACE CAS              | ing                        |                    |                |   |                                |                 |
| SIZE<br>TOC<br>HOLE SIZE | 8 5/8<br>Surface<br>12 1/4 | 20 lbs/f           | ft             | CEMENTED WITH<br>DETERMINED BY<br>SETTING DEPTH | 300<br>Circulation<br>451      | sx.             |
| INTERMEDIATE             | CASING                     |                    |                |   |                                |                 |
| SIZE<br>TOC<br>HOLE SIZE |                            |                    |                | CEMENTED WITH<br>DETERMINED BY<br>SETTING DEPTH |                                |                 |
| LONG STRING              |                            |                    |                |   |                                |                 |
| SIZE<br>TOC<br>HOLE SIZE | 4 1/2<br>3200<br>7 7/8     | 9.5 & 10.5 lbs/ff  | t              | CEMENTED WITH DETENSETTMENT                     | 400<br>Calculated Est.<br>4820 |                 |
| TOTAL DEPTH              | 4820                       | •                  |                |   |                                |                 |
|                          |                            |                    | PRODUC         | NG INTERVAL                                     |                                |                 |
| FORMATION<br>SPUD DATE   | Queen Sand<br>1/0/1900     |                    |                | POOL OR FIELD<br>COMPLETION DATE                | EK Yates-Sever<br>2/10/2000    | Rivers-Queen    |
| PERFORATED               | 4474                       | FEET TO            | 4482           | FEET  |                                |                 |
| STIMULATION              | Acid- 1k gal k             | (CI & 18k lbs sand | d              |   |                                |                 |
| OTHER PERFO              | RATED ZONE<br>Penrose 4746 |                    |                |   |                                |                 |
|                          |                            |                    | CURRENT        | STATUS  |                                |                 |
| OF THE WELL              | F                          | Producing          |                |   |                                |                 |
| IF P&A, LIST PL          | UGGING DET                 | AILS               |                |   |                                |                 |
|                          |                            |                    |                |   |                                |                 |
|                          |                            |                    |                |   |                                |                 |

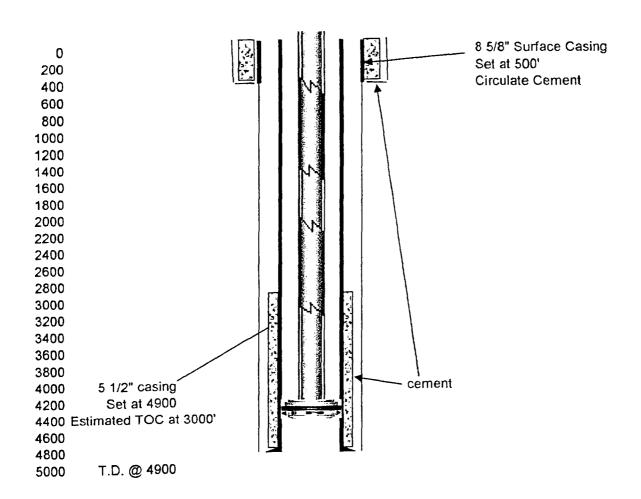
| Tubing Size:<br>2 3/8 in   | Lining Material: Plastic  |
|--|---|
| Type of Packer:<br>AD-1  |   |
| Packer Setting Depth<br>4675±  |   |
| Other Type of Tubing/Casing S  | eal ( if applicable)  |
|  | Additional Data   |
| Is this a new well drilled for<br>If no, for what purpose was<br>Queen Oil Producer                  |   |
| 2. Name of the Injection Forma<br>Penrose 4746-64  | ition   |
| 3. Name of the Field or Pool ( i<br>EK Yates Seven Rive  | •••   |
| 4. Has the well ever been performed List all such perforated inter of plug(s) used.  Queen 4472-82   | orated in any other zone(s)?  Vals and give plugging detail, i.e. sacks of cement |
| 5. Give the name and depth of injection zone in this area?  Queen 4400'  Grayburg 4450'  Yates 3600' | any oil or gas zones underlying or overlying the proposed                         |

LOC



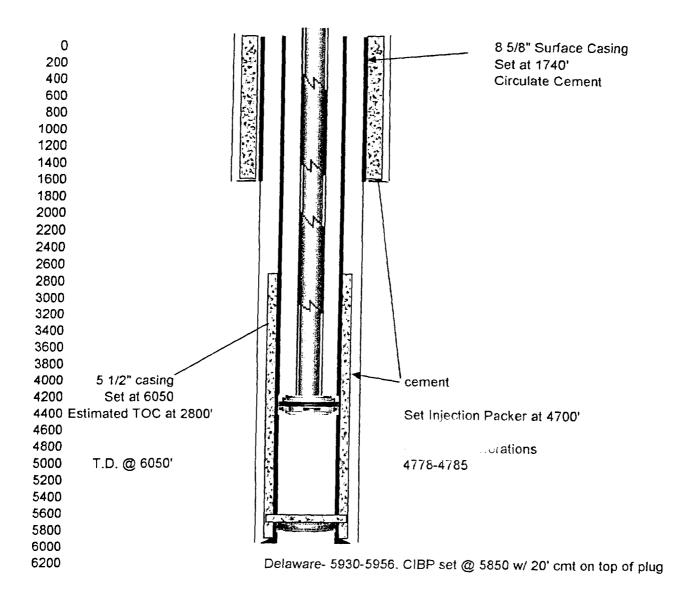
| OPERATOR<br>WELL NO.     | Yate Petroleum<br>1         | Loc                     | LEASE Howe "TG" I<br>1980 FSL & 1830 FWL        | Federal<br>SECTION 30-18S-34E<br>UNIT LETTER k |
|--------------------------|-----------------------------|-------------------------|---|--|
|                          |                             | TUBULAI                 | R DATA  |  |
| SURFACE CASI             | NG                          |                         |   |  |
| SIZE<br>TOC<br>HOLE SIZE | 13 3/8<br>Surface<br>17 1/2 | 48 lbs/ft               | CEMENTED WITH<br>DETERMINED BY<br>SETTING DEPTH | 350 sx.<br>Circulation<br>350                  |
| INTERMEDIATE             | CASING                      |                         |   |  |
| SIZE<br>TOC<br>HOLE SIZE | 8 5/8<br>Surface<br>12 1/4  | 32 lbs/ft               | CEMENTED WITH<br>DETERMINED BY<br>SETTING DEPTH | 3650<br>Circulation<br>4435                    |
| LONG STRING              |                             |                         |   |  |
| SIZE<br>TOC<br>HOLE SIZE | 5 1/2<br>5800<br>7 7/8      | 17 lbs/ft               | CEMENTED WITH<br>DETERMINED BY<br>SETTING DEPTH | 725<br>Calculated Est.<br>10512                |
| TOTAL DEPTH              | 10512 '                     |                         |   |  |
|                          |                             | PRODUCI                 | NG INTERVAL                                     |  |
| FORMATION<br>SPUD DATE   | Bone Spring<br>3/11/1982    |                         | POOL OR FIELD<br>COMPLETION DATE                | EK (Bone Spring)<br>4/18/1982                  |
| PERFORATED               | 9519 FEE                    | ET TO 9541              | FEET  |  |
| STIMULATION              | Acid- 2k gal 15% l          | Ne Acid. Frac- 1k gal ı | rog. Acid, 30k lbs sand                         |  |
| OTHER PERFOR             | RATED ZONES                 |                         |   |  |
|                          |                             | CURRENT                 | STATUS  |  |
| OF THE WELL              | Produ                       | ucing                   |   |  |
| IF P&A, LIST PLU         | JGGING DETAILS              |                         |   |  |
|                          |                             |                         |   |  |

| Tubing Size:<br>2 3/8 in  | Lining Material: Plastic                                 |      |
|---|--|------|
| Type of Packer:<br>AD-1   |  |      |
| Packer Setting Depth<br>4675±   |  |      |
| Other Type of Tubing/Casing Se  | al ( if applicable)                                      |      |
|   | Additional Data  |      |
| Is this a new well drilled for in<br>If no, for what purpose was the<br>Bone Spring                             | · · · · · · · · · · · · · · · · · · ·                    | X No |
| 2. Name of the Injection Format<br>Penrose Sand   | ion  |      |
| 3. Name of the Field or Pool ( if<br>EK Yates Seven Rivers  |  |      |
| 4. Has the well ever been perfor<br>List all such perforated interv<br>of plug(s) used.  Bone Spring 9519-954   | als and give plugging detail, i.e. sacks of cement       |      |
| 5. Give the name and depth of a<br>injection zone in this area?<br>Queen 4400'<br>Grayburg 4450'<br>Yates 3600' | ny oil or gas zones underlying or overlying the proposed |      |



| OPERATOR<br>WELL NO.     | Seely Oil Company<br>13 LOC      | LEASE McElvain Fe<br>2275 FSL & 330 FEL         | SECTION 30-18S-34E                |
|--------------------------|----------------------------------|---|-----------------------------------|
|                          | TUBUL                            | AR DATA   | UNIT LETTER i                     |
| SURFACE CAS              | ING                              |   |                                   |
| SIZE<br>TOC<br>HOLE SIZE | 8 5/8 24 lbs/ft<br>Surface<br>11 | CEMENTED WITH DETERMINED BY SETTING DEPTH       | 275 sx.<br>Circulation<br>500     |
| INTERMEDIATE             | CASING                           |   |                                   |
| SIZE<br>TOC<br>HOLE SIZE | 0 0 lbs/ft<br>0<br>0             | CEMENTED WITH<br>DETERMINED BY<br>SETTING DEPTH | 0<br>0<br>0                       |
| LONG STRING              |                                  |   |                                   |
| SIZE<br>TOC<br>HOLE SIZE | 4 1/2" liner 17<br>3000<br>7 7/8 | CEMPTO TO THE DET SETTING L.                    | 500<br>elculated Estimate<br>4900 |
| TOTAL DEPTH              | 4900 '                           |   |                                   |
|                          | PRODU                            | CING INTERVAL                                   |                                   |
| FORMATION<br>SPUD DATE   | Penrose                          | POOL OR FIELD<br>COMPLETION DATE                | EK Yates-Seven Rivers-Queen       |
| PERFORATED               | 0 FEET TO                        | 0 FEET  |                                   |
| STIMULATION              |                                  |   |                                   |
| OTHER PERFO              | RATED ZONES                      |   |                                   |
|                          | CURRE                            | NT STATUS                                       |                                   |
| OF THE WELL              | This well is to be drilled a     | t a later date for water injec                  | tion                              |
| IF P&A, LIST PL          | UGGING DETAILS                   |   |                                   |
|                          |                                  |   |                                   |
|                          |                                  |   |                                   |
|                          |                                  | <u> </u>  |                                   |

| Tubing Size:<br>2 3/8 in   | Lining Material:<br>Plastic  |   |     |
|--|--|---|-----|
| Type of Packer:<br>AD-1  |  |   |     |
| Packer Setting Depth  To be set within 100'  | of perforations  |   |     |
| Other Type of Tubing/Casing S  | eal ( if applicable)   |   |     |
|  | Additional Data  |   |     |
| Is this a new well drilled for<br>If no, for what purpose was<br>Delaware Producer                   |  | x | _No |
| 2. Name of the Injection Forma<br>Penrose Sand   | etion  |   |     |
| 3. Name of the Field or Pool (in EK Yates Seven Rive   |  |   |     |
| of plug(s) used.   | rated in any other zone(s)?  Yes  vals and give plugging detail, i.e. sacks of cement  CIBP set @ 5850 w/ 20' cmt on top of plug |   |     |
| 5. Give the name and depth of injection zone in this area?  Queen 4400'  Grayburg 4450'  Yates 3600' | any oil or gas zones underlying or overlying the proposed  | 1 |     |



Seely Oil Company LEASE McElvain Federal **OPERATOR** 10 LOC 1650' FNL & 1980' FWL WELL NO. **SECTION** 29-18S-34E UNIT LETTER f **TUBULAR DATA** SURFACE CASING 8 5/8 24 lbs/ft **CEMENTED WITH** 380 SIZE SX. Surface DETERMINED BY Circulation TOC SETTING DEPTH 1740 HOLE SIZE 11 INTERMEDIATE CASING CEMENTED WITH SIZE **DETERMINED BY** TOC HOLE SIZE SETTING DEPTH LONG STRING 5 1/2 17 lbs/ft **CEMENTED WITH** SIZE 1250 TOC 2800 **DETERMINED BY** Cement Bond Log HOLE SIZE 7 7/8 SETTING DEPTH 6050 6050 TOTAL DEPTH PRODUCING INTERVAL EK Yates-Seven Rivers-Quei POOL OR FIELD FORMATION Penrose 12/2/2001 COMPLETION DATE SPUD DATE 12/22/2001 PERFORATED 4778 FEET TO 4785 FEET STIMULATION 1000 gal MCA, Frac- 18,000 gal KCL w/ 41,000 lbs. 16/30 sand OTHER PERFORATED ZONES Delaware- 5930-5956. CIBP set @ 5850 w/ 20' cmt on top of plug **CURRENT STATUS** OF THE WELL Producing IF P&A, LIST PLUGGING DETAILS

| Tubing Size:<br>2 3/8 in   | Lining Material:<br>Plastic                                   |  |
|--|---|--|
| Type of Packer:<br>AD-1  |   |  |
| Packer Setting Depth<br>4700' ±  |   |  |
| Other Type of Tubing/Casing Seal ( if applicable)  |   |  |
|  | Additional Data   |  |
| 1. Is this a new well drilled for injection?  If no, for what purpose was the well originally drilled  Delaware Producer  Yes  X  No |   |  |
| 2. Name of the Injection Penrose Sa  |   |  |
|  | or Pool ( if applicable).<br>even Rivers Queen                |  |
| of plug(s) used.   | ated intervals and give plugging detail, i.e. sacks of cement |  |
| injection zone in th<br>Queen<br>Grayburg  | 4400'   |  |