

APPLICATION FOR AUTHORIZATION TO INJECT

- I. PURPOSE: X Secondary Recovery          Pressure Maintenance          Disposal          Storage  
Application qualifies for administrative approval?          Yes X No
- II. 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 for injection.  
Additional sheets may be attached if necessary.
- 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 with a one-half mile radius circle drawn around each proposed injection well. This circle identifies the well's area of review.
- VI. Attach a tabulation of data on all wells of public record within the area of review which penetrate the proposed injection zone. Such data shall include a description of each well's type, construction, date drilled, location, depth, record of completion, and a schematic of any plugged well illustrating all plugging detail.
- VII. Attach data on the proposed operation, including:
1. Proposed average and maximum daily rate and volume of fluids to be injected;
  2. Whether the system is open or closed;
  3. Proposed average and maximum injection pressure;
  4. Sources and an appropriate analysis of injection fluid and compatibility with the receiving formation if other than reinjected produced water; and,
  5. If injection is for disposal purposes into a zone not productive of oil or gas at or within one mile of the proposed well, attach a chemical analysis of the disposal zone formation water (may be measured or inferred from existing literature, studies, nearby wells, etc.).
- \*VIII. Attach appropriate geologic data on the injection zone including appropriate lithologic detail, geologic name, thickness, and depth. Give the geologic name, and depth to bottom of all underground sources of drinking water (aquifers containing waters with total dissolved solids concentrations of 10,000 mg/l or less) overlying the proposed injection zone as well as any such sources known to be immediately underlying the injection interval.
- 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 Division, they need not be resubmitted).
- \*XI. Attach a chemical analysis of fresh water from two or more fresh water wells (if available and producing) within one mile of any injection or disposal well showing location of wells and dates samples were taken.
- XII. Applicants for disposal wells must make an affirmative statement that they have examined available geologic and engineering data and find no evidence of open faults or any other hydrologic connection between the disposal zone and any underground sources of drinking water.
- XIII. Applicants must complete the "Proof of Notice" section on the reverse side of this form.
- XIV. Certification: I hereby certify that the information submitted with this application is true and correct to the best of my knowledge and belief.

NAME: David L. Henderson TITLE: Vice President

SIGNATURE: *David L. Henderson* DATE: 10/10/02

- \* If the information required under          and          above has been previously submitted, it need not be resubmitted.  
Please show the date and circumstances:

DISTRIBUTION: Original and one copy

BEFORE THE OIL CONSERVATION DIVISION

Santa Fe, New Mexico

Case Nos. 12964/12983 Exhibit No. 17

Submitted by:

Seely Oil Company

Hearing Date: January 9, 2003

District Office

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

02 OCT 25 AM 8:55  
OIL CONSERVATION DIV

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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SEELY OIL COMPANY  
AREA OF REVIEW FOR WIV'S  
PROPOSED EK PENROSE SAND UNIT  
E-K YATES-SEVEN RIVERS-QUEEN FIELD  
LEA COUNTY, NEW MEXICO

1" = 4,000'

SEELY OIL (OP)  
CENTRAL EXPLORATION CO.

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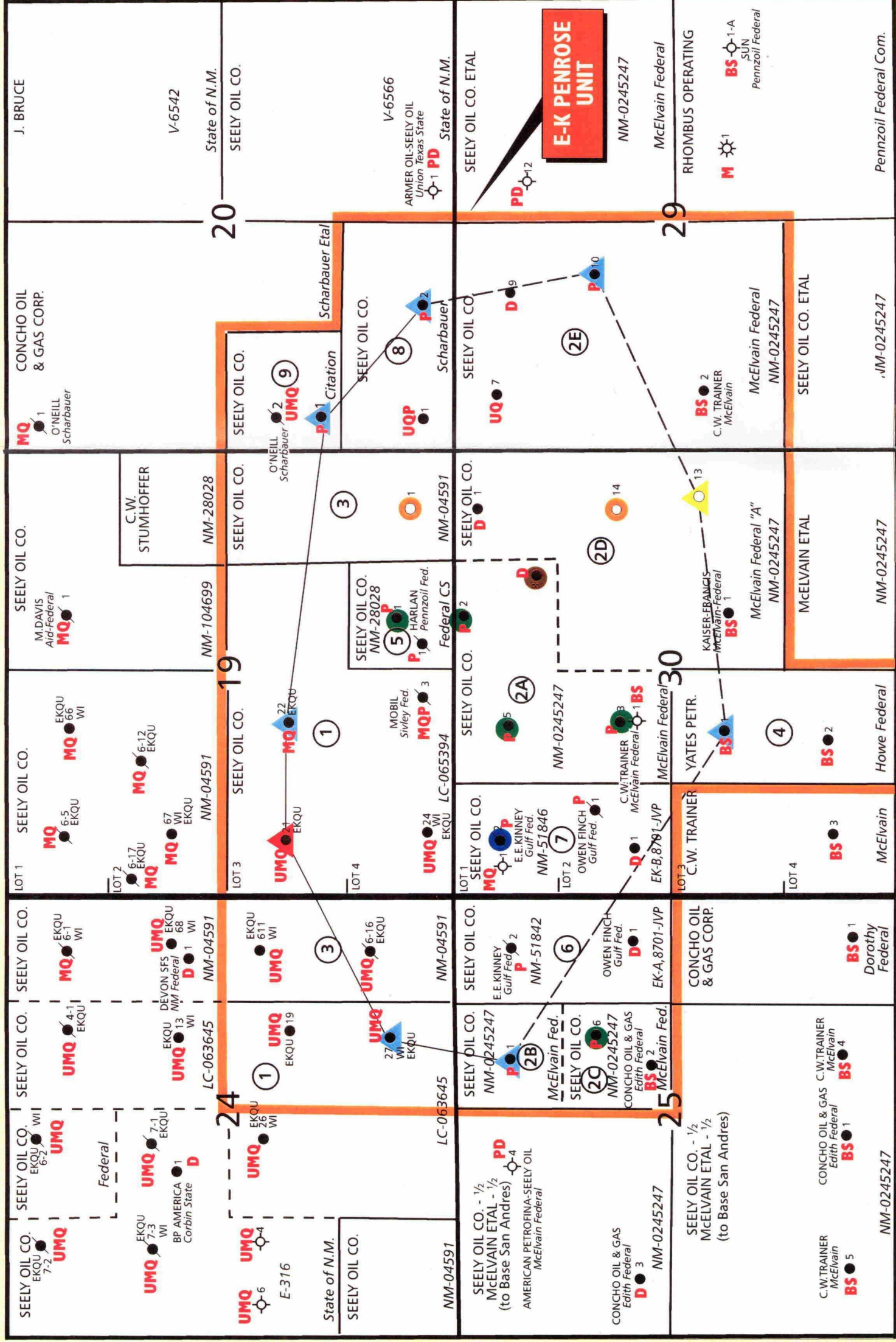
SEELY OIL (OP)  
CENTRAL EXPLORATION CO.

SEELY OIL (OP)  
CENTRAL EXPLORATION CO.

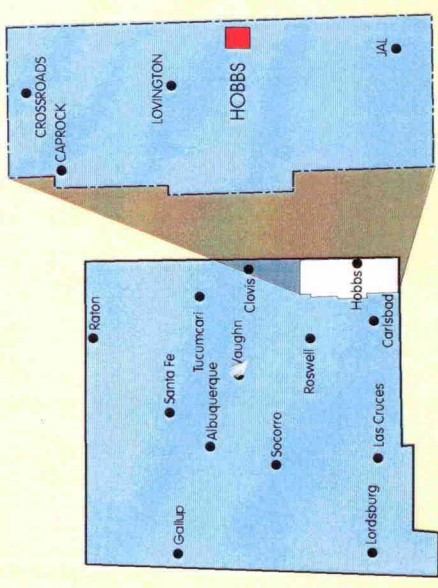


R 33 E

R 34 E



T 18 S



LOCATION OF MAP

LEA COUNTY

LEGEND

EK Penrose Sand Unit

- Wells to be Converted to W.I.
- Wells to be Deepened for W.I.
- Wells to be Drilled for W.I.
- Current Penrose Producers
- Wells to be Re-entered for Production
- Wells to be Drilled
- Wells to be Plugged-Back for Production



Seely Oil Company

E-K PENROSE SAND UNIT  
Lea County, New Mexico

PLAN OF DEVELOPMENT

Latest Revision: 9-9-02

## WELL DATA SHEET

<b>OPERATOR</b>	Arco Permian	<b>LEASE</b>	Corbin State
<b>WELL NO.</b>	1	<b>LOC</b>	1980 FNL & 2310 FWL
		<b>SECTION</b>	24-18S-33E
		<b>UNIT LETTER</b>	f

### TUBULAR DATA

#### SURFACE CASING

<b>SIZE</b>	8 5/8	24 lbs/ft	<b>CEMENTED WITH</b>	195	<b>sx.</b>
<b>TOC</b>	Surface		<b>DETERMINED BY</b>	Circulation	
<b>HOLE SIZE</b>	11		<b>SETTING DEPTH</b>	427	

#### INTERMEDIATE CASING

<b>SIZE</b>		<b>CEMENTED WITH</b>
<b>TOC</b>		<b>DETERMINED BY</b>
<b>HOLE SIZE</b>		<b>SETTING DEPTH</b>

#### LONG STRING

<b>SIZE</b>	5 1/2	15.5 lbs/ft	<b>CEMENTED WITH</b>	1150
<b>TOC</b>	Surface		<b>DETERMINED BY</b>	Circulation
<b>HOLE SIZE</b>	7 7/8		<b>SETTING DEPTH</b>	5496

**TOTAL DEPTH** 5505 '

### PRODUCING INTERVAL

<b>FORMATION</b>	Delaware	<b>POOL OR FIELD</b>	EK (Delaware)
<b>SPUD DATE</b>	4/25/2000	<b>COMPLETION DATE</b>	5/16/2000

**PERFORATED** 5359 FEET TO 5433 FEET

**STIMULATION** Acid- 3k gallons 15%. Frac- 25.6k Gallons V/K 125 w/ 21.6k lbs sand

#### OTHER PERFORATED ZONES

### CURRENT STATUS

**OF THE WELL** Producing

**IF P&A, LIST PLUGGING DETAILS**

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# WELL DATA SHEET

<b>OPERATOR</b>	Devon Oil Corp.	<b>LEASE</b>	New Mexico Federal	
<b>WELL NO.</b>	1	<b>LOC</b>	2080 FNL & 600 FEL	<b>SECTION</b> 24-18S-33E
			<b>UNIT LETTER</b>	H

## TUBULAR DATA

### SURFACE CASING

SIZE	13 3/8	54.5	lbs/ft	CEMENTED WITH	425	sx.
TOC	Surface			DETERMINED BY	Circulation	
HOLE SIZE	17 1/2			SETTING DEPTH	404	

### INTERMEDIATE CASING

SIZE	8 5/8	32	lbs/ft	CEMENTED WITH	2400	
TOC	Surface			DETERMINED BY	Circulation	
HOLE SIZE	11			SETTING DEPTH	5280	

### LONG STRING

SIZE	5 1/2	17 & 20	lbs/ft	CEMENTED WITH	2150	
TOC	5300			DETERMINED BY	Calculated Est.	
HOLE SIZE	7 7/8			SETTING DEPTH	13349	

**TOTAL DEPTH** 13740

## PRODUCING INTERVAL

<b>FORMATION</b>	Delaware	<b>POOL OR FIELD</b>	EK (Delaware)
<b>SPUD DATE</b>	12/8/1986	<b>COMPLETION DATE</b>	8/6/1990

**PERFORATED** 5429 FEET TO 5486 FEET

**STIMULATION** Acid- 5k gal 7.5% NeFe, Frac- 77k gal & 74.8k gal sand

### OTHER PERFORATED ZONES

Morrow 12955-12970

## CURRENT STATUS

**OF THE WELL** Producing

**IF P&A, LIST PLUGGING DETAILS**

## WELL DATA SHEET

OPERATOR	Seely Oil Company	LEASE	EK Queen Unit
WELL NO.	19	LOC	1980 FSL & 1650 FEL
		SECTION	24-18S-33E
		UNIT LETTER	j

### TUBULAR DATA

#### SURFACE CASING

SIZE	8 5/8	24 lbs/ft	CEMENTED WITH	200	sx.
TOC	Surface		DETERMINED BY	Circulation	
HOLE SIZE	12.25		SETTING DEPTH	292	

#### INTERMEDIATE CASING

SIZE			CEMENTED WITH
TOC			DETERMINED BY
HOLE SIZE			SETTING DEPTH

#### LONG STRING

SIZE	5 1/2	15.5 lbs/ft	CEMENTED WITH	600
TOC	1700		DETERMINED BY	Calculated Est.
HOLE SIZE	7 7/8		SETTING DEPTH	4625

TOTAL DEPTH 4650 '

### PRODUCING INTERVAL

FORMATION	Queen	POOL OR FIELD	EK Yates-Seven Rivers-Queen
SPUD DATE	1/19/1957	COMPLETION DATE	2/6/1957

PERFORATED 4386 FEET TO 4400 FEET

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

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## WELL DATA SHEET

OPERATOR Texas Gulf Prod.  
WELL NO. 4  
LOC 2310 FSL & 990 FWL  
LEASE State "G"  
SECTION 24-18S-33E  
UNIT LETTER L

### TUBULAR DATA

#### SURFACE CASING

SIZE 8 5/8 24 lbs/ft CEMENTED WITH 700 sx.  
TOC Surface DETERMINED BY Circulation  
HOLE SIZE 11 SETTING DEPTH 1660

#### INTERMEDIATE CASING

SIZE CEMENTED WITH  
TOC DETERMINED BY  
HOLE SIZE 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 POOL OR FIELD  
SPUD DATE 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.

## WELL DATA SHEET

OPERATOR C. W. Trainer  
WELL NO. 4  
LOC 660 FSL & 1980 FEL  
LEASE McElvain Federal  
SECTION 25-18S-33E  
UNIT LETTER o

### TUBULAR DATA

#### SURFACE CASING

SIZE 13 3/8 54.5 lbs/ft CEMENTED WITH 350 sx.  
TOC Surface DETERMINED BY Circulation  
HOLE SIZE 17 1/2 SETTING DEPTH 350

#### INTERMEDIATE CASING

SIZE 8 5/8 24 & 32 lbs/ft CEMENTED WITH 1350  
TOC Surface DETERMINED BY Circulation  
HOLE SIZE 12 1/4 SETTING DEPTH 3700

#### LONG STRING

SIZE 5 1/2 20 lbs/ft CEMENTED WITH 1470  
TOC 2268 DETERMINED BY Calculated Est.  
HOLE SIZE 7 7/8 SETTING DEPTH 10000

TOTAL DEPTH 10000

### PRODUCING INTERVAL

FORMATION Bone Spring POOL OR FIELD EK (Bone Spring)  
SPUD DATE 10/31/1984 COMPLETION DATE 12/1/1984

PERFORATED 9480 FEET TO 9516 FEET

STIMULATION Acid 2k gal 7.5%, Frac- 70k gal gel, 145 tons CO2, 150k lbs 20/40 sand

#### OTHER PERFORATED ZONES

### CURRENT STATUS

OF THE WELL Producing

IF P&A, LIST PLUGGING DETAILS

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## WELL DATA SHEET

OPERATOR	Chiles Drilling Co.	LEASE	Gulf Federal	SECTION	25-18S-33E
WELL NO.	1	LOC	660 FNL & 660FEL	UNIT LETTER	a

### TUBULAR DATA

#### SURFACE CASING

SIZE	8 5/8	24 lbs/ft	CEMENTED WITH	200	sx.
TOC	Surface		DETERMINED BY	Circulation	
HOLE SIZE	12 1/4		SETTING DEPTH	288	

#### INTERMEDIATE CASING

SIZE			CEMENTED WITH	
TOC			DETERMINED BY	
HOLE SIZE			SETTING DEPTH	

#### LONG STRING

SIZE	5 1/2	15.5 lbs/ft	CEMENTED WITH	200
TOC	3670		DETERMINED BY	Calculated Est.
HOLE SIZE	7 7/8		SETTING DEPTH	4720

TOTAL DEPTH 4720

### PRODUCING INTERVAL

FORMATION		POOL OR FIELD
SPUD DATE		COMPLETION DATE

PERFORATED	FEET TO	FEET
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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

## WELL DATA SHEET

OPERATOR Seely Oil Company  
WELL NO. 1  
LOC 660 FNL & 1980 FEL  
LEASE McElvain Federal  
SECTION 25-18S-33E  
UNIT LETTER b

### TUBULAR DATA

#### SURFACE CASING

SIZE 8 5/8 24 lbs/ft CEMENTED WITH 125 sx.  
TOC 1280 DETERMINED BY Calculated Est.  
HOLE SIZE 11 SETTING DEPTH 1725

#### INTERMEDIATE CASING

SIZE CEMENTED WITH  
TOC DETERMINED BY  
HOLE SIZE SETTING DEPTH

#### LONG STRING

SIZE 5 1/2 15.5 lbs/ft CEMENTED WITH 100  
TOC 4100 DETERMINED BY Calculated Est.  
HOLE SIZE 7 7/8 SETTING DEPTH 4635

TOTAL DEPTH 4657

### PRODUCING INTERVAL

FORMATION Penrose  
SPUD DATE 6/18/1955  
POOL OR FIELD EK Yates-Seven Rivers-Queen  
COMPLETION DATE 8/12/1955

PERFORATED 4637 FEET TO 4657 (OH) FEET

STIMULATION Frac- 10k gal. & 10k lbs. sand

#### OTHER PERFORATED ZONES

### CURRENT STATUS

OF THE WELL Producing

IF P&A, LIST PLUGGING DETAILS

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## WELL DATA SHEET

OPERATOR Seely Oil Company  
WELL NO. 4  
LOC 660 FNL & 1980 FWL  
LEASE McElvain Federal  
SECTION 25-18S-33E  
UNIT LETTER c

### TUBULAR DATA

#### SURFACE CASING

SIZE 8 5/8 24 lbs/ft CEMENTED WITH 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

SIZE CEMENTED WITH  
TOC DETERMINED BY  
HOLE SIZE SETTING DEPTH

TOTAL DEPTH 5998

### PRODUCING INTERVAL

FORMATION POOL OR FIELD  
SPUD DATE COMPLETION DATE

PERFORATED FEET TO FEET

STIMULATION

OTHER PERFORATED ZONES

### CURRENT STATUS

OF THE WELL P & A

IF P&A, LIST PLUGGING DETAILS

50 sx 4840-5040, 50 sx 2820-3020, 50 sx 1630-1740, 10 sx 0-50

## WELL DATA SHEET

OPERATOR	Concho Oil & Gas	LEASE	Edith Federal
WELL NO.	2	LOC	2130 FNL & 1980 FEL
		SECTION	25-18S-33E
		UNIT LETTER	g

### TUBULAR DATA

#### SURFACE CASING

SIZE	13 3/8	54.5	lbs/ft	CEMENTED WITH	400	sx.
TOC	Surface			DETERMINED BY	Circulation	
HOLE SIZE	17 1/2			SETTING DEPTH	350	

#### INTERMEDIATE CASING

SIZE	8 5/8	24 & 32	lbs/ft	CEMENTED WITH	1600	
TOC	Surface			DETERMINED BY	Circulation	
HOLE SIZE	12 1/4			SETTING DEPTH	3700	

#### LONG STRING

SIZE	5 1/2	20 & 23	lbs/ft	CEMENTED WITH	550	
TOC	7600			DETERMINED BY	Calculated Est.	
HOLE SIZE	7 7/8			SETTING DEPTH	10500	

TOTAL DEPTH 10500

### PRODUCING INTERVAL

FORMATION	Bone Spring	POOL OR FIELD	EK (Bone Spring)
SPUD DATE	2/3/1985	COMPLETION DATE	5/22/1985

PERFORATED 9452 FEET TO 9785 FEET

STIMULATION Acid- 4k gal NeFe, Frac- 52.5k gal gel, 50 tons CO2, & 107k lbs 20/40 sand

#### OTHER PERFORATED ZONES

0

### CURRENT STATUS

OF THE WELL Producing

IF P&A, LIST PLUGGING DETAILS

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## WELL DATA SHEET

OPERATOR Seely Oil Company  
WELL NO. 6  
LOC 1650 FNL & 1650 FEL  
LEASE McElvain Federal  
SECTION 25-18S-33E  
UNIT LETTER g

### TUBULAR DATA

#### SURFACE CASING

SIZE 8 5/8 24 lbs/ft CEMENTED WITH 325 sx.  
TOC Surface DETERMINED BY Circulation  
HOLE SIZE 12 1/4 SETTING DEPTH 527

#### INTERMEDIATE CASING

SIZE CEMENTED WITH  
TOC DETERMINED BY  
HOLE SIZE SETTING DEPTH

#### LONG STRING

SIZE 5 1/2 15.5 lbs/ft CEMENTED WITH 1200  
TOC Surface DETERMINED BY Circulation  
HOLE SIZE 7 7/8 SETTING DEPTH 4975

TOTAL DEPTH 4975

### PRODUCING INTERVAL

FORMATION Penrose POOL OR FIELD EK Yates-Seven Rivers-Queen  
SPUD DATE 12/12/1990 COMPLETION DATE 1/5/1991

PERFORATED 4673 FEET TO 4683 FEET

STIMULATION Acid- 1k gal NeFe, Frac- 20k gal gel & 40k lbs 20/40 sand

#### OTHER PERFORATED ZONES

0

### CURRENT STATUS

OF THE WELL Producing

IF P&A, LIST PLUGGING DETAILS

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## WELL DATA SHEET

OPERATOR BTA Oil Producers  
WELL NO. 1  
LOC 2103 FNL & 575 FEL  
LEASE EK-A-8701 JV-P  
SECTION 25-18S-33E  
UNIT LETTER h

### TUBULAR DATA

#### SURFACE CASING

SIZE 13 3/8 54.5 lbs/ft CEMENTED WITH 450 sx.  
TOC Surface DETERMINED BY Circulation  
HOLE SIZE 17 1/2 SETTING DEPTH 406

#### INTERMEDIATE CASING

SIZE 8 5/8 24 & 32 lbs/ft CEMENTED WITH 1700  
TOC Surface DETERMINED BY Circulation  
HOLE SIZE 11 SETTING DEPTH 3700

#### LONG STRING

SIZE 5 1/2 17 lbs/ft CEMENTED WITH 1700  
TOC Surface DETERMINED BY Circulation  
HOLE SIZE 7 7/8 SETTING DEPTH 10505

TOTAL DEPTH 10505

### PRODUCING INTERVAL

FORMATION Delaware POOL OR FIELD EK (Delaware)  
SPUD DATE 7/8/1999 COMPLETION DATE 7/19/1999

PERFORATED 5374 FEET TO 5402 FEET

STIMULATION Acid- 2200 gal, Frac- 14k gal & sand

#### OTHER PERFORATED ZONES

Bone Spring- 9448-9478. CIBP @ 9407 w/ 40' cement on plug

### CURRENT STATUS

OF THE WELL Producing

IF P&A, LIST PLUGGING DETAILS

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## WELL DATA SHEET

OPERATOR Santa Fe Energy  
WELL NO. 1  
LOC 1830 FNL & 660 FWL  
LEASE Mc Alpine Federal  
SECTION 19-18S-34E  
UNIT LETTER e

### TUBULAR DATA

#### SURFACE CASING

SIZE	13 3/8	54.5	lbs/ft	CEMENTED WITH	420	sx.
TOC	Surface			DETERMINED BY	Circulation	
HOLE SIZE	17 1/2			SETTING DEPTH	402	

#### INTERMEDIATE CASING

SIZE	8 5/8	24.32	lbs/ft	CEMENTED WITH	1370	
TOC	Surface			DETERMINED BY	Circulation	
HOLE SIZE	12 1/4			SETTING DEPTH	3200	

#### LONG STRING

SIZE	5 1/2	15.5, 17	lbs/ft	CEMENTED WITH	1000	
TOC	2750			DETERMINED BY	Temp. Survey	
HOLE SIZE	7 7/8			SETTING DEPTH	7475	

TOTAL DEPTH 7475

### PRODUCING INTERVAL

FORMATION	POOL OR FIELD
SPUD DATE	COMPLETION DATE

PERFORATED	FEET TO	FEET
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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.

## WELL DATA SHEET

OPERATOR	Mobil Oil Corp.	LEASE	EK Queen Unit
WELL NO.	617	LOC	1450 FNL & 70 FWL
		SECTION	19-18S-34E
		UNIT LETTER	e

### TUBULAR DATA

#### SURFACE CASING

SIZE	8 5/8	20	lbs/ft	CEMENTED WITH	300	sx.
TOC	Surface			DETERMINED BY	Circulation	
HOLE SIZE	11			SETTING DEPTH	354	

#### INTERMEDIATE CASING

SIZE				CEMENTED WITH
TOC				DETERMINED BY
HOLE SIZE				SETTING DEPTH

#### LONG STRING

SIZE	5 1/2	14	lbs/ft	CEMENTED WITH	1800
TOC	Surface			DETERMINED BY	Circulation
HOLE SIZE	7 7/8			SETTING DEPTH	4650

TOTAL DEPTH 4650

### PRODUCING INTERVAL

FORMATION	POOL OR FIELD
SPUD DATE	COMPLETION DATE

PERFORATED	FEET TO	FEET
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STIMULATION

OTHER PERFORATED ZONES  
4368-4412

### CURRENT STATUS

OF THE WELL P & A

IF P&A, LIST PLUGGING DETAILS

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## WELL DATA SHEET

OPERATOR	Seely Oil Company	LEASE	EK Queen Unit		
WELL NO.	22	LOC	1980 FSL & 1897 FWL	SECTION	19-18S-34E
				UNIT LETTER	k

### TUBULAR DATA

#### SURFACE CASING

SIZE	8 5/8	24 lbs/ft	CEMENTED WITH	300	sx.
TOC	Surface		DETERMINED BY	Circulation	
HOLE SIZE	12 1/4		SETTING DEPTH	300	

#### INTERMEDIATE CASING

SIZE		CEMENTED WITH
TOC		DETERMINED BY
HOLE SIZE		SETTING DEPTH

#### LONG STRING

SIZE	5 1/2	14	lbs/ft	CEMENTED WITH	200
TOC	3700			DETERMINED BY	Calculated Est
HOLE SIZE	7 7/8			SETTING DEPTH	4703

TOTAL DEPTH 4703

### PRODUCING INTERVAL

FORMATION	Queen Sand	POOL OR FIELD	EK Yates-Seven Rivers-Queen
SPUD DATE	10/16/1956	COMPLETION DATE	9/17/1957

PERFORATED 4432 FEET TO 4444 FEET

STIMULATION Frac- 30k gal lease crude & 37.3k lbs sand

#### OTHER PERFORATED ZONES

Penrose 4678-4686, CIBP at 4471

### CURRENT STATUS

OF THE WELL Active Queen Sand WIW

IF P&A, LIST PLUGGING DETAILS

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## WELL DATA SHEET

OPERATOR	Seely Oil Company	LEASE	EK Queen Unit
WELL NO.	24	LOC	330 FSL & 762 FWL
		SECTION	19-18S-34E
		UNIT LETTER	m

### TUBULAR DATA

#### SURFACE CASING

SIZE	8 5/8	24 lbs/ft	CEMENTED WITH	175	sx.
TOC	Surface		DETERMINED BY	Circulation	
HOLE SIZE	12 1/4		SETTING DEPTH	320	

#### INTERMEDIATE CASING

SIZE	5 1/2	14 lbs/ft	CEMENTED WITH	225
TOC	3600		DETERMINED BY	Calculated Est
HOLE SIZE	7 7/8		SETTING DEPTH	4718

#### LONG STRING

SIZE	3 1/2	9.3 lbs/ft	CEMENTED WITH	340
TOC	Surface		DETERMINED BY	Circulation
HOLE SIZE	5		SETTING DEPTH	4380

TOTAL DEPTH 4718

### PRODUCING INTERVAL

FORMATION	Queen Sand	POOL OR FIELD	EK Yates-Seven Rivers-Queen
SPUD DATE	10/18/1957	COMPLETION DATE	12/10/1957

PERFORATED 4429 FEET TO 4478 FEET

#### STIMULATION

#### OTHER PERFORATED ZONES

Penrose 4698-4710, CIBP at 4500 w/ 5 sx hydromite on top of plug

### CURRENT STATUS

OF THE WELL Active Queen Sand WIW

IF P&A, LIST PLUGGING DETAILS

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## WELL DATA SHEET

OPERATOR	Mobil Oil Corp.	LEASE	Silvey Federal
WELL NO.	3	LOC	2310 FWL & 343 FSL
		SECTION	19-18S-34E
		UNIT LETTER	n

### TUBULAR DATA

#### SURFACE CASING

SIZE	8 5/8	24 lbs/ft	CEMENTED WITH	175	sx.
TOC	Surface		DETERMINED BY	Circulation	
HOLE SIZE	12 1/4		SETTING DEPTH	300	

#### INTERMEDIATE CASING

SIZE		CEMENTED WITH
TOC		DETERMINED BY
HOLE SIZE		SETTING DEPTH

#### LONG STRING

SIZE	5 1/2	14	lbs/ft	CEMENTED WITH	525
TOC	2600			DETERMINED BY	Calculated Est
HOLE SIZE	7 7/8			SETTING DEPTH	4734

TOTAL DEPTH 4735

### PRODUCING INTERVAL

FORMATION	POOL OR FIELD
SPUD DATE	COMPLETION DATE

PERFORATED	FEET TO	FEET
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STIMULATION

#### OTHER PERFORATED ZONES

Penrose 4708-4718. Queen 4471-79. Yates 3547-3691 OA

### CURRENT STATUS

OF THE WELL P & A

IF P&A, LIST PLUGGING DETAILS

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## WELL DATA SHEET

OPERATOR Hanson Oil  
WELL NO. 1  
LOC 330 FSL & 2310 FEL  
LEASE Penzoil Federal  
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  
HOLE SIZE 12 1/4 SETTING DEPTH 255

#### INTERMEDIATE CASING

SIZE  
TOC CEMENTED WITH  
HOLE SIZE DETERMINED BY  
SETTING DEPTH

#### LONG STRING

SIZE 5 1/2 15.5 lbs/ft CEMENTED WITH 250  
TOC 3500 DETERMINED BY Calculated Est  
HOLE SIZE 7 7/8 SETTING DEPTH 4800

TOTAL DEPTH 4800

### 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

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## WELL DATA SHEET

OPERATOR Seely Oil Company  
WELL NO. 1  
LOC 660 FSL & 1980 FEL  
LEASE C. S. Federal  
SECTION 19-18S-34E  
UNIT LETTER 0

### TUBULAR DATA

#### SURFACE CASING

SIZE 8 5/8 24 lbs/ft CEMENTED WITH 700 sx.  
TOC Surface DETERMINED BY Circulation  
HOLE SIZE 11 SETTING DEPTH 1650

#### INTERMEDIATE CASING

SIZE CEMENTED WITH  
TOC DETERMINED BY  
HOLE SIZE SETTING DEPTH

#### LONG STRING

SIZE 4 1/2 10.5 lbs/ft CEMENTED WITH 500  
TOC 3100 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-Quer  
SPUD DATE 6/21/1981 COMPLETION DATE 7/11/1981

PERFORATED 4720 FEET TO 4730 FEET

STIMULATION Acid- 500 gal, Frac 40k gal & 42.5k lbs sand

#### OTHER PERFORATED ZONES

Queen 4435-4494 Squeezed w/ 150 sxs

### CURRENT STATUS

OF THE WELL Producing

IF P&A, LIST PLUGGING DETAILS

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## WELL DATA SHEET

OPERATOR	Concho Oil & Gas	LEASE	Citation	SECTION	20-18S-34E
WELL NO.	1	LOC	1650 FSL & 330 FWL	UNIT LETTER	I

### TUBULAR DATA

#### SURFACE CASING

SIZE	8 5/8	24 lbs/ft	CEMENTED WITH	275	sx.
TOC	Surface		DETERMINED BY	Circulation	
HOLE SIZE	12 1/4		SETTING DEPTH	422	

#### INTERMEDIATE CASING

SIZE			CEMENTED WITH
TOC			DETERMINED BY
HOLE SIZE			SETTING DEPTH

#### LONG STRING

SIZE	5 1/2	15.5 lbs/ft	CEMENTED WITH	170
TOC	3755		DETERMINED BY	Calculated Est.
HOLE SIZE	7 7/8		SETTING DEPTH	4838

TOTAL DEPTH 4875

### PRODUCING INTERVAL

FORMATION	Penrose Sand	POOL OR FIELD	EK Yates-Seven Rivers-Queen
SPUD DATE	2/2/2000	COMPLETION DATE	1/0/1900

PERFORATED 4814 FEET TO 4822 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

### CURRENT STATUS

OF THE WELL Producing

IF P&A, LIST PLUGGING DETAILS

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## WELL DATA SHEET

OPERATOR	Joseph I. Oneil	LEASE	Scharbauer Cattle Co.
WELL NO.	2	LOC	2080 FSL & 330 FWL
		SECTION	20-18S-34E
		UNIT LETTER	I

### TUBULAR DATA

#### SURFACE CASING

SIZE	8 5/8	24 lbs/ft	CEMENTED WITH	250	sx.
TOC	Surface		DETERMINED BY	Circulation	
HOLE SIZE	12 1/4		SETTING DEPTH	230	

#### INTERMEDIATE CASING

SIZE			CEMENTED WITH
TOC			DETERMINED BY
HOLE SIZE			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		POOL OR FIELD
SPUD DATE		COMPLETION DATE

PERFORATED	FEET TO	FEET
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#### 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

## WELL DATA SHEET

OPERATOR	Seely Oil Company	LEASE	Scharbauer
WELL NO.	1	LOC	330 FSL & FWL
		SECTION	20-18S-34E
		UNIT LETTER	m

### TUBULAR DATA

#### SURFACE CASING

SIZE	8 5/8	24 lbs/ft	CEMENTED WITH	300	SX.
TOC	Surface		DETERMINED BY	Circulation	
HOLE SIZE	12 1/4		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
TOC	4110		DETERMINED BY	Cement Bond Log
HOLE SIZE	7 7/8		SETTING DEPTH	4838

TOTAL DEPTH 4840

### PRODUCING INTERVAL

FORMATION	Queen Sand	POOL OR FIELD	EK Yates-Seven Rivers-Que
SPUD DATE	7/15/1974	COMPLETION DATE	9/20/1999

PERFORATED 4508 FEET TO 4518 FEET

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

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## WELL DATA SHEET

OPERATOR	Seely Oil Company	LEASE	Scharbauer	SECTION	20-18S-34E
WELL NO.	2	LOC	330 FSL & 1650 FWL	UNIT LETTER	n

### TUBULAR DATA

#### SURFACE CASING

SIZE	8 5/8	20 lbs/ft	CEMENTED WITH	300	sx.
TOC	Surface		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

FORMATION	Queen Sand	POOL OR FIELD	EK Yates-Seven Rivers-Queen
SPUD DATE	1/0/1900	COMPLETION DATE	2/10/2000

PERFORATED 4474 FEET TO 4482 FEET

STIMULATION Acid- 1k gal KCl & 18k lbs sand

#### OTHER PERFORATED ZONES

Penrose 4746-64

### CURRENT STATUS

OF THE WELL Producing

IF P&A, LIST PLUGGING DETAILS

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## WELL DATA SHEET

OPERATOR Seely Oil Company  
WELL NO. 1  
LOC 330 FSL & 2260 FEL  
LEASE Armer State  
SECTION 20-18S-34E  
UNIT LETTER 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 CEMENTED WITH  
TOC DETERMINED BY  
HOLE SIZE SETTING DEPTH

#### LONG STRING

SIZE CEMENTED WITH  
TOC DETERMINED BY  
HOLE SIZE SETTING DEPTH

TOTAL DEPTH 5964

### PRODUCING INTERVAL

FORMATION POOL OR FIELD  
SPUD DATE 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



## WELL DATA SHEET

<b>OPERATOR</b>	Seely Oil Company	<b>LEASE</b>	McElvain Federal
<b>WELL NO.</b>	12	<b>LOC</b>	760' FNL&2020FEL
		<b>SECTION</b>	29-18S-34E
		<b>UNIT LETTER</b>	b

### TUBULAR DATA

#### SURFACE CASING

<b>SIZE</b>	8 5/8	24 lbs/ft	<b>CEMENTED WITH</b>	510	sx.
<b>TOC</b>	Surface		<b>DETERMINED BY</b>	Circulation	
<b>HOLE SIZE</b>	11		<b>SETTING DEPTH</b>	1701	

#### INTERMEDIATE CASING

<b>SIZE</b>		<b>CEMENTED WITH</b>
<b>TOC</b>		<b>DETERMINED BY</b>
<b>HOLE SIZE</b>		<b>SETTING DEPTH</b>

#### LONG STRING

<b>SIZE</b>		<b>CEMENTED WITH</b>
<b>TOC</b>		<b>DETERMINED BY</b>
<b>HOLE SIZE</b>		<b>SETTING DEPTH</b>

**TOTAL DEPTH** 6200

### PRODUCING INTERVAL

<b>FORMATION</b>	<b>POOL OR FIELD</b>
<b>SPUD DATE</b>	<b>COMPLETION DATE</b>

<b>PERFORATED</b>	<b>FEET TO</b>	<b>FEET</b>
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**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

## WELL DATA SHEET

OPERATOR Seely Oil Company  
WELL NO. 9  
LOC 660' FNL & 1830' FWL  
LEASE McElvain Federal  
SECTION 29-18S-34E  
UNIT LETTER c

### TUBULAR DATA

#### SURFACE CASING

SIZE 8 5/8 24 lbs/ft CEMENTED WITH 800 sx.  
TOC Surface DETERMINED BY Circulation  
HOLE SIZE 11 SETTING DEPTH 1710

#### INTERMEDIATE CASING

SIZE CEMENTED WITH  
TOC DETERMINED BY  
HOLE SIZE SETTING DEPTH

#### LONG STRING

SIZE 5 1/2 17 lbs/ft CEMENTED WITH 1200  
TOC 1640 DETERMINED BY Cement Bond Log  
HOLE SIZE 7 7/8 SETTING DEPTH 6045

TOTAL DEPTH 6075

### PRODUCING INTERVAL

FORMATION Delaware  
SPUD DATE 8/19/2001  
POOL OR FIELD EK (Delaware)  
COMPLETION DATE 9/3/2001

PERFORATED 5834 FEET TO 5854 FEET

STIMULATION 1000 gal MCA, Frac- 12,000 gal KCL w/ 18,000 lbs. 16/30 sand

#### OTHER PERFORATED ZONES

Squeeze holes @ 5905-06 Squeezed with 100 sxs.

### CURRENT STATUS

OF THE WELL Producing

IF P&A, LIST PLUGGING DETAILS

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## WELL DATA SHEET

OPERATOR Seely Oil Company  
WELL NO. 7  
LOC 660' FNL & 525'FWL  
LEASE McElvain Federal  
SECTION 29-18S-34E  
UNIT LETTER d

### TUBULAR DATA

#### SURFACE CASING

SIZE 8 5/8 24 lbs/ft CEMENTED WITH 500 sx.  
TOC Surface DETERMINED BY Circulation  
HOLE SIZE 11 SETTING DEPTH 1723

#### INTERMEDIATE CASING

SIZE CEMENTED WITH  
TOC DETERMINED BY  
HOLE SIZE SETTING DEPTH

#### LONG STRING

SIZE 5 1/2 17 lbs/ft CEMENTED WITH 1150  
TOC 1663 DETERMINED BY Cement Bond Log  
HOLE SIZE 7 7/8 SETTING DEPTH 6000

TOTAL DEPTH 6000 '

### PRODUCING INTERVAL

FORMATION Queen POOL OR FIELD EK Yates-Seven Rivers-Queen  
SPUD DATE 9/9/2000 COMPLETION DATE 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

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## WELL DATA SHEET

OPERATOR Seely Oil Company  
WELL NO. 10  
LOC 1650' FNL & 1980' FWL  
LEASE McElvain Federal  
SECTION 29-18S-34E  
UNIT LETTER f

### TUBULAR DATA

#### SURFACE CASING

SIZE 8 5/8 24 lbs/ft CEMENTED WITH 380 sx.  
TOC Surface DETERMINED BY Circulation  
HOLE SIZE 11 SETTING DEPTH 1740

#### INTERMEDIATE CASING

SIZE CEMENTED WITH  
TOC DETERMINED BY  
HOLE SIZE SETTING DEPTH

#### LONG STRING

SIZE 5 1/2 17 lbs/ft CEMENTED WITH 1250  
TOC 2800 DETERMINED BY Cement Bond Log  
HOLE SIZE 7 7/8 SETTING DEPTH 6050

TOTAL DEPTH 6050

### PRODUCING INTERVAL

FORMATION Penrose POOL OR FIELD EK Yates-Seven Rivers-Que  
SPUD DATE 12/2/2001 COMPLETION 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

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## WELL DATA SHEET

OPERATOR WTG Exploration  
WELL NO. 1  
LOC 1980 FSL & 660 FEL  
LEASE Penzoil "A" Federal  
SECTION 29-18S. 34E  
UNIT LETTER I

### TUBULAR DATA

#### SURFACE CASING

SIZE	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	Surface		DETERMINED BY	Circulation
HOLE SIZE	12 1/4		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	POOL OR FIELD
SPUD DATE	COMPLETION DATE

PERFORATED	FEET TO	FEET
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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

## WELL DATA SHEET

OPERATOR Rhombus Operating( Sun Oil Co.) LEASE Penzoid Federal Com.  
WELL NO. 1 LOC 1980 FSL & 1780 FEL SECTION 29-18S-34E  
UNIT LETTER j

### TUBULAR DATA

#### SURFACE CASING

SIZE 13 3/8 48 lbs/ft CEMENTED WITH 300 sx.  
TOC Surface DETERMINED BY Circulation  
HOLE SIZE 17 1/2 SETTING DEPTH 353

#### INTERMEDIATE CASING

SIZE 8 5/8 32 lbs/ft CEMENTED WITH 1800  
TOC Surface DETERMINED BY Circulation  
HOLE SIZE 11 SETTING DEPTH 5198

#### LONG STRING

SIZE 5 1/2 17 & 20 lbs/ft CEMENTED WITH 925  
TOC 7662 DETERMINED BY Calculated Est.  
HOLE SIZE 7 7/8 SETTING DEPTH 13644

TOTAL DEPTH 13694

### PRODUCING INTERVAL

FORMATION Morrow POOL OR FIELD La Rica Morrow  
SPUD DATE 8/27/1980 COMPLETION DATE 10/30/1980

PERFORATED 13388 FEET TO 13400 FEET

STIMULATION 500 gal 15% HCL, 3800 gal 7.5% HCL

#### OTHER PERFORATED ZONES

### CURRENT STATUS

OF THE WELL Producing

IF P&A, LIST PLUGGING DETAILS

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## WELL DATA SHEET

OPERATOR C. W. Trainer (Sun Oil Co.) LEASE McElvain Federal  
WELL NO. 1 LOC 0 SECTION 29-18S-34E  
UNIT LETTER I

### TUBULAR DATA

#### SURFACE CASING

SIZE 13 3/8 48 lbs/ft CEMENTED WITH 370 sx.  
TOC Surface DETERMINED BY Circulation  
HOLE SIZE 17 1/2 SETTING DEPTH 376

#### INTERMEDIATE CASING

SIZE 8 5/8 32 lbs/ft CEMENTED WITH 1900  
TOC Surface DETERMINED BY Circulation  
HOLE SIZE 11 SETTING DEPTH 5205

#### LONG STRING

SIZE 5 1/2 20 lbs/ft CEMENTED WITH 1120  
TOC 3801 DETERMINED BY Calculated Est.  
HOLE SIZE 7 7/8 SETTING DEPTH 10935

TOTAL DEPTH 13650

### PRODUCING INTERVAL

FORMATION Bone Spring POOL OR FIELD EK (Bone Spring)  
SPUD DATE 12/16/1983 COMPLETION DATE 1/11/1984

PERFORATED 9510 FEET TO 9536 FEET

STIMULATION 1000 gal 15% acid, 60,000 gal h2o w/ 20% CO2 & 82500 lbs sand

#### OTHER PERFORATED ZONES

### CURRENT STATUS

OF THE WELL Producing

IF P&A, LIST PLUGGING DETAILS

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## WELL DATA SHEET

OPERATOR Seely Oil Company  
WELL NO. A #1

LEASE McElvain Federal  
LOC 330 FNL & 590 FEL

SECTION 30-18S-34E  
UNIT LETTER a

### TUBULAR DATA

#### SURFACE CASING

SIZE	8 5/8	24 lbs/ft	CEMENTED WITH	585	sx.
TOC	Surface		DETERMINED BY	Circulation	
HOLE SIZE	11		SETTING DEPTH	1723	

#### INTERMEDIATE CASING

SIZE			CEMENTED WITH
TOC			DETERMINED BY
HOLE SIZE			SETTING DEPTH

#### LONG STRING

SIZE	5 1/2	17	lbs/ft	CEMENTED WITH	1200
TOC	1650			DETERMINED BY	Cement Bond Log
HOLE SIZE	7 7/8			SETTING DEPTH	5999

TOTAL DEPTH 6000

### PRODUCING INTERVAL

FORMATION	Delaware	POOL OR FIELD	EK (Delaware)
SPUD DATE	6/3/2000	COMPLETION DATE	7/16/2000

PERFORATED 5508 FEET TO 5780 FEET

STIMULATION Acid- 5k gal 7.5%. Frac- 37k gal gelled KCl w/ 104k lbs 20/40 sand

#### OTHER PERFORATED ZONES

0

### CURRENT STATUS

OF THE WELL Producing

IF P&A, LIST PLUGGING DETAILS

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## WELL DATA SHEET

OPERATOR Seely Oil Company  
WELL NO. 2

LEASE McElvain Federal  
LOC .5 FNL & 1980 FEL

SECTION 30-18S-34E  
UNIT LETTER B

### TUBULAR DATA

#### SURFACE CASING

SIZE	10 3/4	32.75 lbs/ft	CEMENTED WITH	200
TOC	Surface		DETERMINED BY	Circulation
HOLE SIZE	15		SETTING DEPTH	278

#### INTERMEDIATE CASING

SIZE		CEMENTED WITH
TOC		DETERMINED BY
HOLE SIZE		SETTING DEPTH

#### LONG STRING

SIZE	5 1/2	CEMENTED WITH	450
TOC	1923	DETERMINED BY	Calculated Est.
HOLE SIZE	7 7/8	SETTING DEPTH	4790

TOTAL DEPTH 5401

### PRODUCING INTERVAL

FORMATION	Penrose	POOL OR FIELD	EK Yates-Sever
SPUD DATE	10/13/1955	COMPLETION DATE	11/16/1955

PERFORATED 4732 FEET TO 4742 FEET

STIMULATION Frac- 6k gal refined oil w/ 9k lbs sand

#### OTHER PERFORATED ZONES

### CURRENT STATUS

OF THE WELL Producing

IF P&A, LIST PLUGGING DETAILS

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## WELL DATA SHEET

OPERATOR	Seely Oil Company	LEASE	McElvain Federal
WELL NO.	5	LOC	660 FNL & 3300 FEL
		SECTION	30-18S-34E
		UNIT LETTER	c

### TUBULAR DATA

#### SURFACE CASING

SIZE	8 5/8	32 lbs/ft	CEMENTED WITH	200	sx.
TOC	Surface		DETERMINED BY	Circulation	
HOLE SIZE	12 1/4		SETTING DEPTH	275	

#### INTERMEDIATE CASING

SIZE		CEMENTED WITH
TOC		DETERMINED BY
HOLE SIZE		SETTING DEPTH

#### LONG STRING

SIZE	5 1/2	15.5 lbs/ft	CEMENTED WITH	350
TOC	2517		DETERMINED BY	Calculated Est.
HOLE SIZE	7 7/8		SETTING DEPTH	4747

TOTAL DEPTH 4751

### PRODUCING INTERVAL

FORMATION	Penrose	POOL OR FIELD	EK Yates-Seven Rivers-Queer
SPUD DATE	4/29/1957	COMPLETION DATE	6/10/1957

PERFORATED 4716 FEET TO 4730 FEET

STIMULATION Acid- 1k gal Frac- 16.8k frac oil & 16k lbs sand

#### OTHER PERFORATED ZONES

### CURRENT STATUS

OF THE WELL Producing

IF P&A, LIST PLUGGING DETAILS

--

## WELL DATA SHEET

OPERATOR	Chiles Drilling Co.	LEASE	Gulf Federal	SECTION	30-18S-34E
WELL NO.	2	LOC	560 FNL & 1618 FWL	UNIT LETTER	d

### TUBULAR DATA

#### SURFACE CASING

SIZE	8 5/8	lbs/ft	CEMENTED WITH	200	sx.
TOC	Surface		DETERMINED BY	Circulation	
HOLE SIZE	12 1/4		SETTING DEPTH	306	

#### INTERMEDIATE CASING

SIZE		CEMENTED WITH
TOC		DETERMINED BY
HOLE SIZE		SETTING DEPTH

#### LONG STRING

SIZE	5 1/2	CEMENTED WITH	200
TOC	3703	DETERMINED BY	Calculated Est.
HOLE SIZE	7 7/8	SETTING DEPTH	4728

TOTAL DEPTH 4728

### PRODUCING INTERVAL

FORMATION	Penrose	POOL OR FIELD	EK Yates-Seven Rivers-Que
SPUD DATE	6/28/1957	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

## WELL DATA SHEET

OPERATOR BTA Oil Producers  
WELL NO. 1  
LOC 2130 FNL & 625 FWL  
LEASE 8701 JV-P EK "B"  
SECTION 30-18S-34E  
UNIT LETTER e

### TUBULAR DATA

#### SURFACE CASING

SIZE 13 3/8 54.5 lbs/ft CEMENTED WITH 450 sx.  
TOC Surface DETERMINED BY Circulation  
HOLE SIZE 17 1/2 SETTING DEPTH 430

#### INTERMEDIATE CASING

SIZE 8 5/8 24 & 32 lbs/ft CEMENTED WITH 1600  
TOC Surface DETERMINED BY Circulation  
HOLE SIZE 11 SETTING DEPTH 3715

#### LONG STRING

SIZE 5 1/2 17 lbs/ft CEMENTED WITH 1700  
TOC 2300 DETERMINED BY Temp. Survey  
HOLE SIZE 7 7/8 SETTING DEPTH 9900

TOTAL DEPTH 9900

### PRODUCING INTERVAL

FORMATION Delaware POOL OR FIELD EK (Delaware)  
SPUD DATE 3/31/1987 COMPLETION DATE 6/2/1987

PERFORATED 5689 FEET TO 8713 FEET

STIMULATION Acid- 1k gal 7.5% HCl, Frac- 14k gal Delta Frac w/ sand

#### OTHER PERFORATED ZONES

Bone Spring- 9487-9525 CIBP @ 8866 w/ 40' cement on top of plug

### CURRENT STATUS

OF THE WELL Producing

IF P&A, LIST PLUGGING DETAILS

--

## WELL DATA SHEET

OPERATOR Owen C. Finch  
WELL NO. 1  
LOC 1650 FNL & 907 FWL  
LEASE Gulf Federal  
SECTION 30-18S-34E  
UNIT LETTER e

### TUBULAR DATA

#### SURFACE CASING

SIZE 8 5/8 24 lbs/ft CEMENTED WITH 175 sx.  
TOC Surface DETERMINED BY Circulation  
HOLE SIZE 12 1/4 SETTING DEPTH 286

#### INTERMEDIATE CASING

SIZE CEMENTED WITH  
TOC DETERMINED BY  
HOLE SIZE SETTING DEPTH

#### LONG STRING

SIZE 5 1/2 14 lbs/ft CEMENTED WITH 200  
TOC 3460 DETERMINED BY 0 Calculation  
HOLE SIZE 7 7/8 SETTING DEPTH 4732

TOTAL DEPTH 4732

### PRODUCING INTERVAL

FORMATION Penrose POOL OR FIELD EK Yates-Seven Rivers-Quer  
SPUD DATE 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

## WELL DATA SHEET

OPERATOR Seely Oil Company  
WELL NO. 3  
LOC 2310 FNL & 2290 FWL  
LEASE McElvain Federal  
SECTION 30-18S-34E  
UNIT LETTER f

### TUBULAR DATA

#### SURFACE CASING

SIZE 8 5/8 24 lbs/ft CEMENTED WITH n/a sx.  
TOC n/a DETERMINED BY n/a  
HOLE SIZE 12 1/4 SETTING DEPTH 1711

#### INTERMEDIATE CASING

SIZE CEMENTED WITH  
TOC DETERMINED BY  
HOLE SIZE SETTING DEPTH

#### LONG STRING

SIZE 5 1/2 15.5 lbs/ft CEMENTED WITH 150  
TOC 3715 DETERMINED BY Calculated estimate  
HOLE SIZE 7 7/8 SETTING DEPTH 4670

TOTAL DEPTH 4900

### PRODUCING INTERVAL

FORMATION Penrose  
SPUD DATE 3/1/1956  
POOL OR FIELD EK Yates-Seven Rivers-Queer  
COMPLETION DATE 4/28/1956

PERFORATED 4670 FEET TO 4710 FEET

STIMULATION Frac- 10k gal & 15k lbs sand

#### OTHER PERFORATED ZONES

### CURRENT STATUS

OF THE WELL Producing

IF P&A, LIST PLUGGING DETAILS

--

## WELL DATA SHEET

OPERATOR C. W. Trainer  
WELL NO. 1  
LOC 2086 FNL & 2002 FWL  
LEASE McElvain Federal  
SECTION 30-18S-34E  
UNIT LETTER f

### TUBULAR DATA

#### SURFACE CASING

SIZE	13 3/8	48 lbs/ft	CEMENTED WITH	300	sx.
TOC	Surface		DETERMINED BY	Circulation	
HOLE SIZE	17 1/2		SETTING DEPTH	360	

#### INTERMEDIATE CASING

SIZE	8 5/8	24 & 28 lbs/ft	CEMENTED WITH	725	
TOC	2150		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

PERFORATED	FEET TO	FEET
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STIMULATION

OTHER PERFORATED ZONES

### CURRENT STATUS

OF THE WELL P & A

IF P&A, LIST PLUGGING DETAILS

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

## WELL DATA SHEET

OPERATOR	Kaiser Francis(Hillard O & G)	LEASE	McElvain Federal		
WELL NO.	1	LOC	1980 FSL & 1980 FEL	SECTION	30-18S-34E
				UNIT LETTER	j

### TUBULAR DATA

#### SURFACE CASING

SIZE	13 3/8	48 lbs/ft	CEMENTED WITH	370	Sx.
TOC	Surface		DETERMINED BY	Circulation	
HOLE SIZE	17 1/2		SETTING DEPTH	355	

#### INTERMEDIATE CASING

SIZE	8 5/8	32 lbs/ft	CEMENTED WITH	500
TOC	2944		DETERMINED BY	calculated Est.
HOLE SIZE	11		SETTING DEPTH	5115

#### LONG STRING

SIZE	4 1/2" liner		CEMENTED WITH	500
TOC	7225		DETERMINED BY	Calculated Est.
HOLE SIZE	7.875		SETTING DEPTH	4870-9650

TOTAL DEPTH 14075

### PRODUCING INTERVAL

FORMATION	Bone Spring	POOL OR FIELD	EK (Bone Spring)
SPUD DATE	6/1/1974	COMPLETION DATE	10/27/1974

PERFORATED 9498 FEET TO 9524 FEET

STIMULATION

OTHER PERFORATED ZONES

### CURRENT STATUS

OF THE WELL Producing

IF P&A, LIST PLUGGING DETAILS

--



## WELL DATA SHEET

OPERATOR	Yate Petroleum	LEASE	Howe "TG" Federal
WELL NO.	1	LOC	1980 FSL & 1830 FWL
		SECTION	30-18S-34E
		UNIT LETTER	k

### TUBULAR DATA

#### SURFACE CASING

SIZE	13 3/8	48 lbs/ft	CEMENTED WITH	350	sx.
TOC	Surface		DETERMINED BY	Circulation	
HOLE SIZE	17 1/2		SETTING DEPTH	350	

#### INTERMEDIATE CASING

SIZE	8 5/8	32 lbs/ft	CEMENTED WITH	3650	
TOC	Surface		DETERMINED BY	Circulation	
HOLE SIZE	12 1/4		SETTING DEPTH	4435	

#### LONG STRING

SIZE	5 1/2	17	lbs/ft	CEMENTED WITH	725
TOC	5800			DETERMINED BY	Calculated Est.
HOLE SIZE	7 7/8			SETTING DEPTH	10512

TOTAL DEPTH 10512

### PRODUCING INTERVAL

FORMATION	Bone Spring	POOL OR FIELD	EK (Bone Spring)
SPUD DATE	3/11/1982	COMPLETION DATE	4/18/1982

PERFORATED 9519 FEET TO 9541 FEET

STIMULATION Acid- 2k gal 15% Ne Acid. Frac- 1k gal rog. Acid, 30k lbs sand

#### OTHER PERFORATED ZONES

### CURRENT STATUS

OF THE WELL Producing

IF P&A, LIST PLUGGING DETAILS

--

## WELL DATA SHEET

OPERATOR	C. W. Trainer	LEASE	McElvain Federal
WELL NO.	3	LOC	660 FWL & 764 FSL
		SECTION	30-18S-34E
		UNIT LETTER	m

### TUBULAR DATA

#### SURFACE CASING

SIZE	13 3/8	54.5 lbs/ft	CEMENTED WITH	370	sx.
TOC	Surface		DETERMINED BY	Circulation	
HOLE SIZE	17 1/2		SETTING DEPTH	352	

#### INTERMEDIATE CASING

SIZE	8 5/8	24 & 32 lbs/ft	CEMENTED WITH	1100
TOC	Surface		DETERMINED BY	Circulation
HOLE SIZE	12 1/4		SETTING DEPTH	3710

#### LONG STRING

SIZE	5 1/2	20 & 23 lbs/ft	CEMENTED WITH	650
TOC	5576		DETERMINED BY	Calculated Est.
HOLE SIZE	7 7/8		SETTING DEPTH	9717

TOTAL DEPTH 10384

### PRODUCING INTERVAL

FORMATION	Bone Spring	POOL OR FIELD	EK (Bone Spring)
SPUD DATE	7/18/1984	COMPLETION DATE	8/10/1984

PERFORATED 9482 FEET TO 9558 FEET

STIMULATION Acid- 2500 gal 7.5% NeFe. Frac- 60k gal eze-frac 60 w/ 129 tons CO2 & 120k 20/40 sand

#### OTHER PERFORATED ZONES

### CURRENT STATUS

OF THE WELL Producing

IF P&A, LIST PLUGGING DETAILS

--

## WELL DATA SHEET

OPERATOR	Yate Petroleum	LEASE	Howe "TG" Federal
WELL NO.	2	LOC	810 FSL & 1830 FWL
		SECTION	30-18S-34E
		UNIT LETTER	n

### TUBULAR DATA

#### SURFACE CASING

SIZE	13 3/8	54.5	lbs/ft	CEMENTED WITH	375	sx.
TOC	Surface			DETERMINED BY	Circulation	
HOLE SIZE	17 1/2			SETTING DEPTH	350	

#### INTERMEDIATE CASING

SIZE	8.625	32	lbs/ft	CEMENTED WITH	1100
TOC	Surface			DETERMINED BY	Circulation
HOLE SIZE	11			SETTING DEPTH	3654

#### LONG STRING

SIZE	5 1/2	17	lbs/ft	CEMENTED WITH	600
TOC	5890			DETERMINED BY	Calculated Est.
HOLE SIZE	7 7/8			SETTING DEPTH	9714

TOTAL DEPTH 9714 '

### PRODUCING INTERVAL

FORMATION	Bone Spring	POOL OR FIELD	EK (Bone Spring)
SPUD DATE	12/8/1985	COMPLETION DATE	1/7/1986

PERFORATED 9495 FEET TO 9541 FEET

STIMULATION Acid- 3k gal. Frac- 60k gal KCl water, 60 tons of CO<sub>2</sub>, & 132k lbs 20/40 sand

#### OTHER PERFORATED ZONES

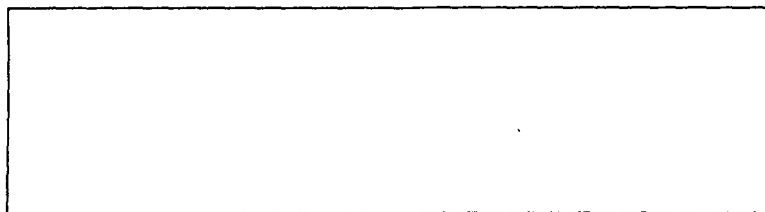
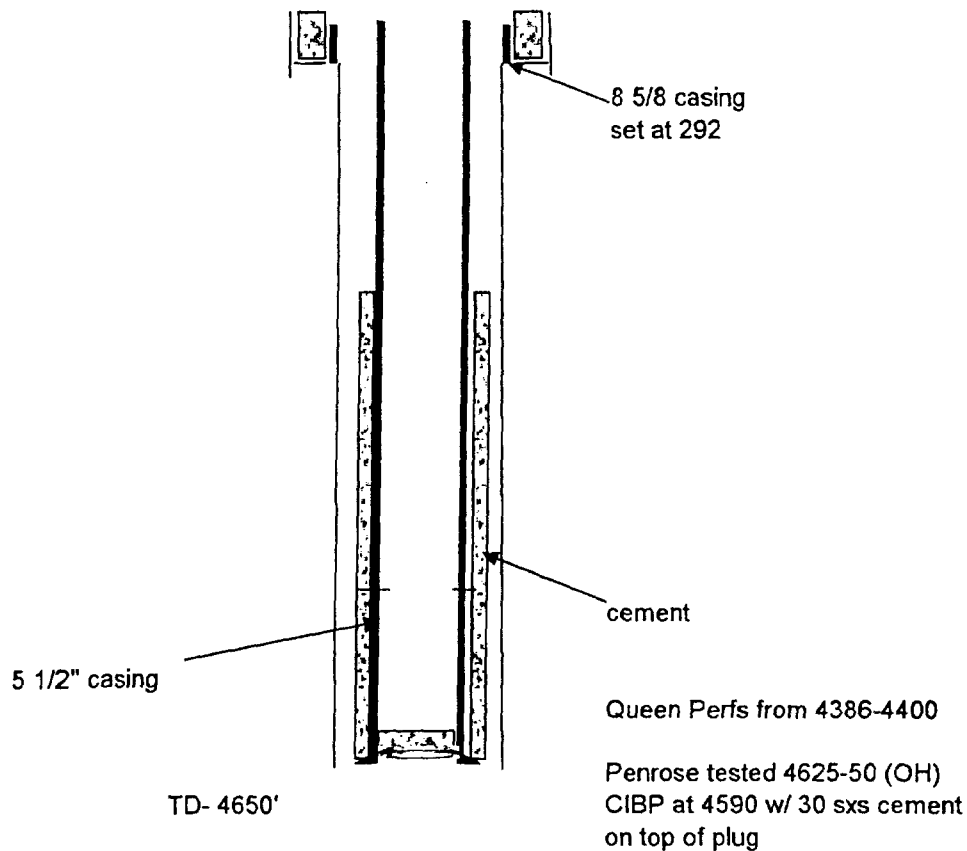
### CURRENT STATUS

OF THE WELL Producing

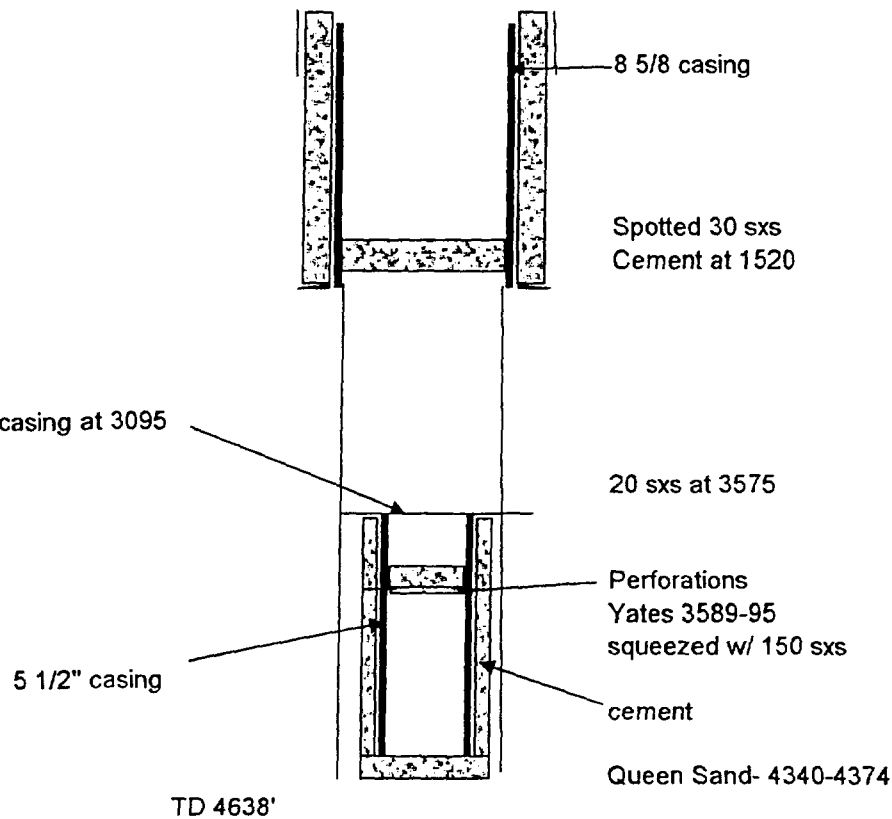
IF P&A, LIST PLUGGING DETAILS

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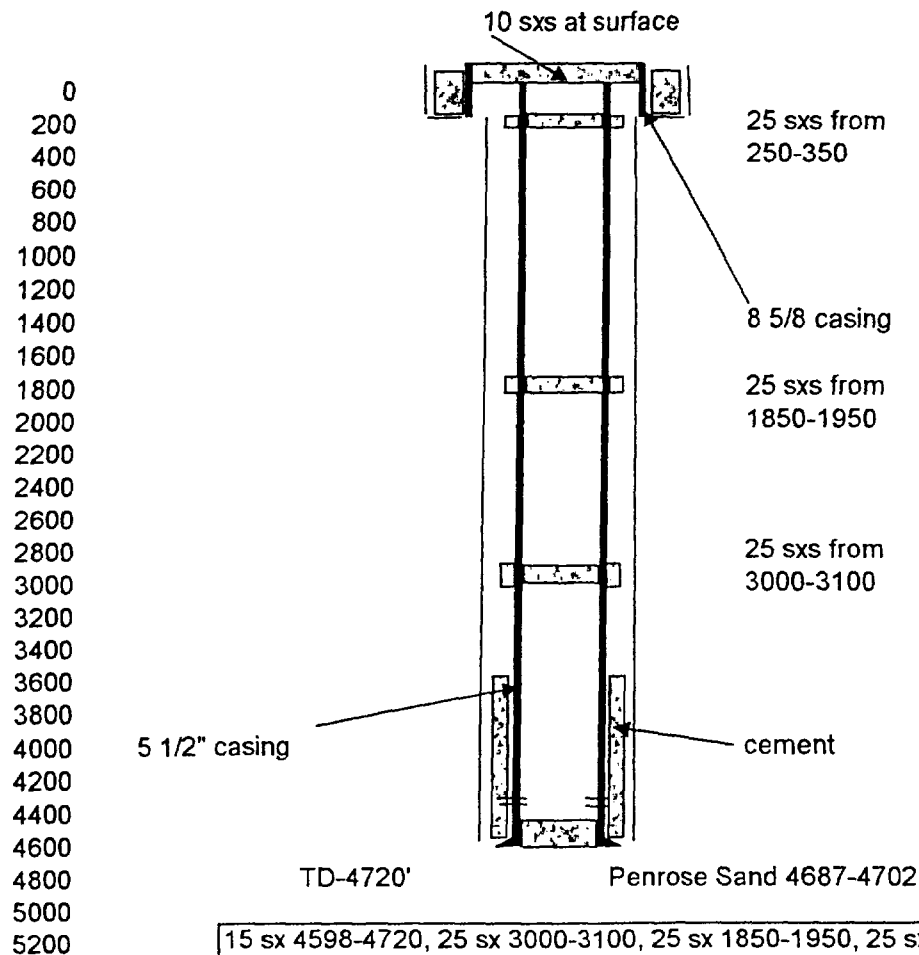
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20 sxs at 3575. Found top of cement at 3100. Cut casing at 3095.  
Spotted 30 sxs cement at 1520.  
Note- Casing was not set through Penrose.

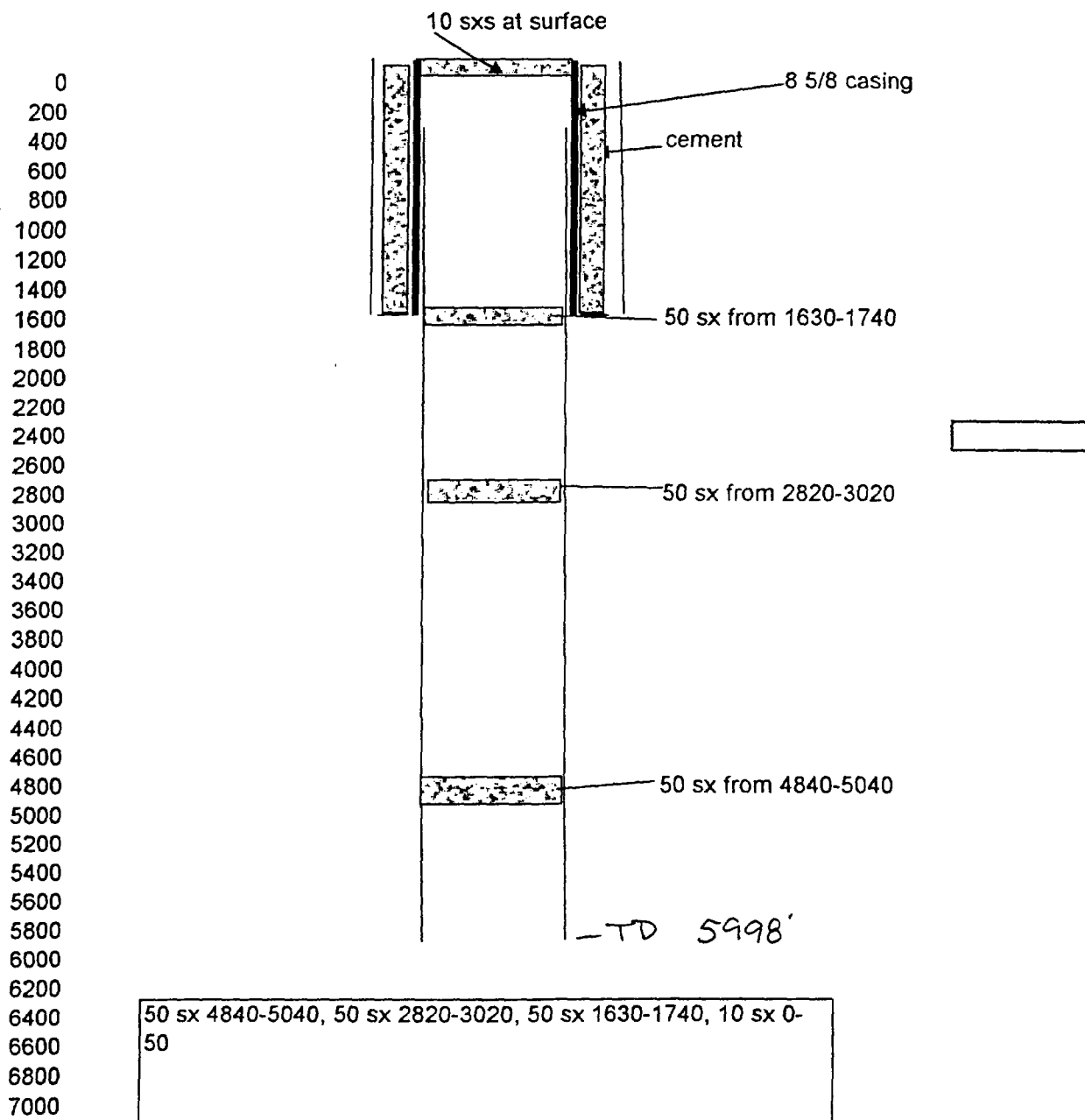


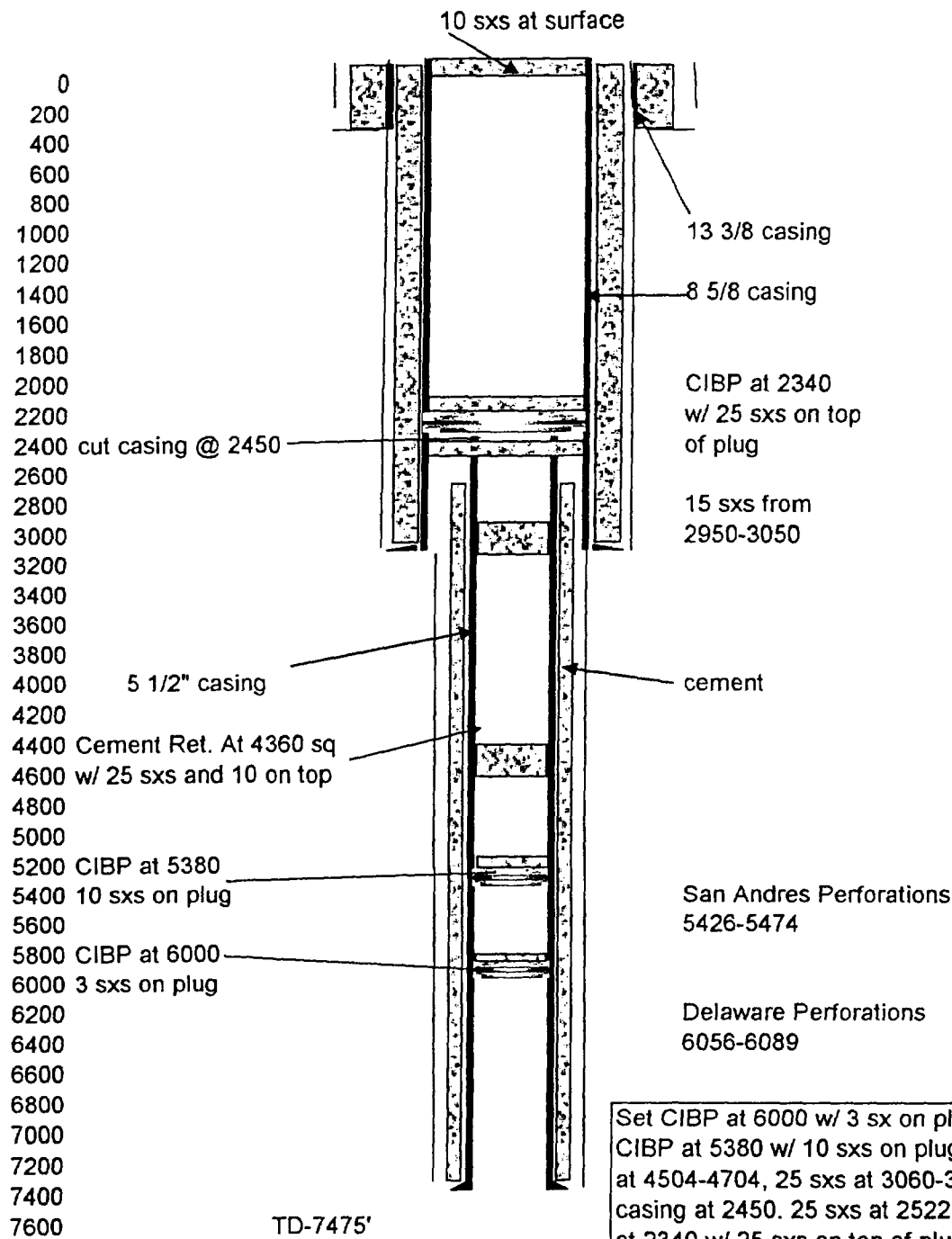
15 sx 4598-4720, 25 sx 3000-3100, 25 sx 1850-1950, 25 sx 250-350, 10 sx @ surface

OPERATOR Seely Oil Company  
WELL NO. 4

LOC

LEASE McElvann, et al.  
660 FNL & 1980 FWL SECTION 25-18S-33E  
UNIT LETTER c

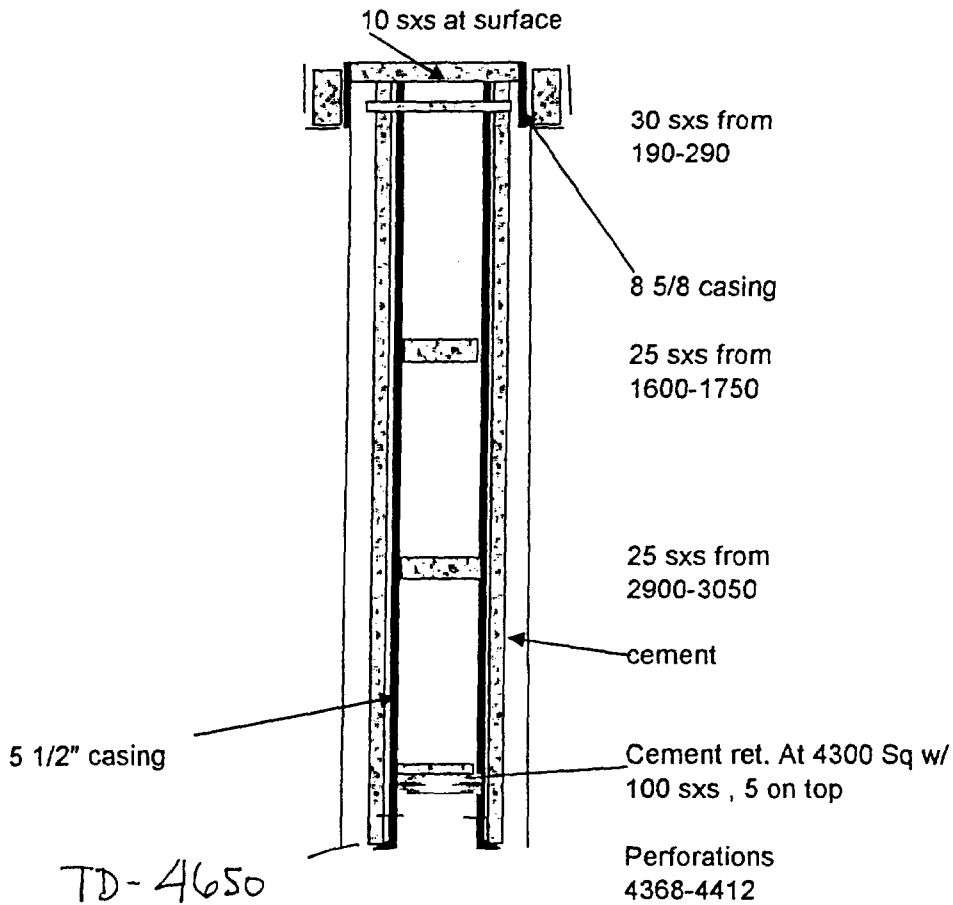




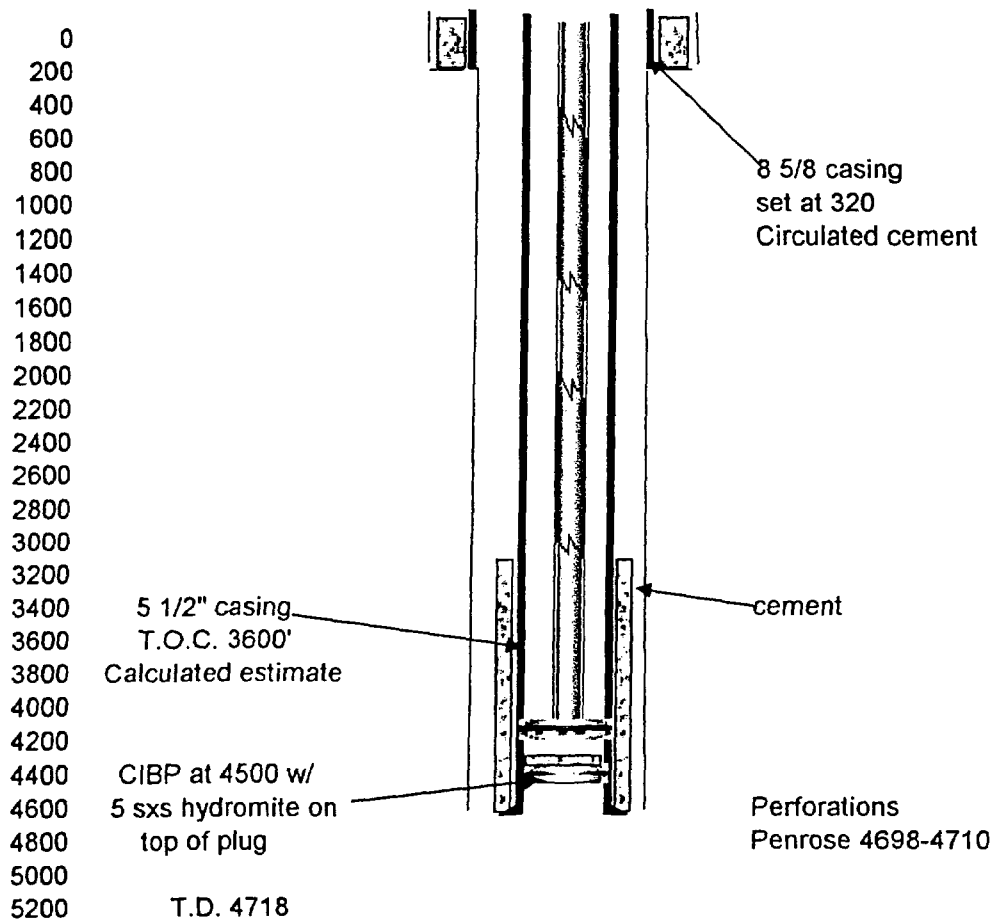
Set CIBP at 6000 w/ 3 sx on plug. Set CIBP at 5380 w/ 10 sxs on plug. 40 sxs at 4504-4704, 25 sxs at 3060-3250, cut casing at 2450. 25 sxs at 2522, set CIBP at 2340 w/ 25 sxs on top of plug. 10 sxs at surface



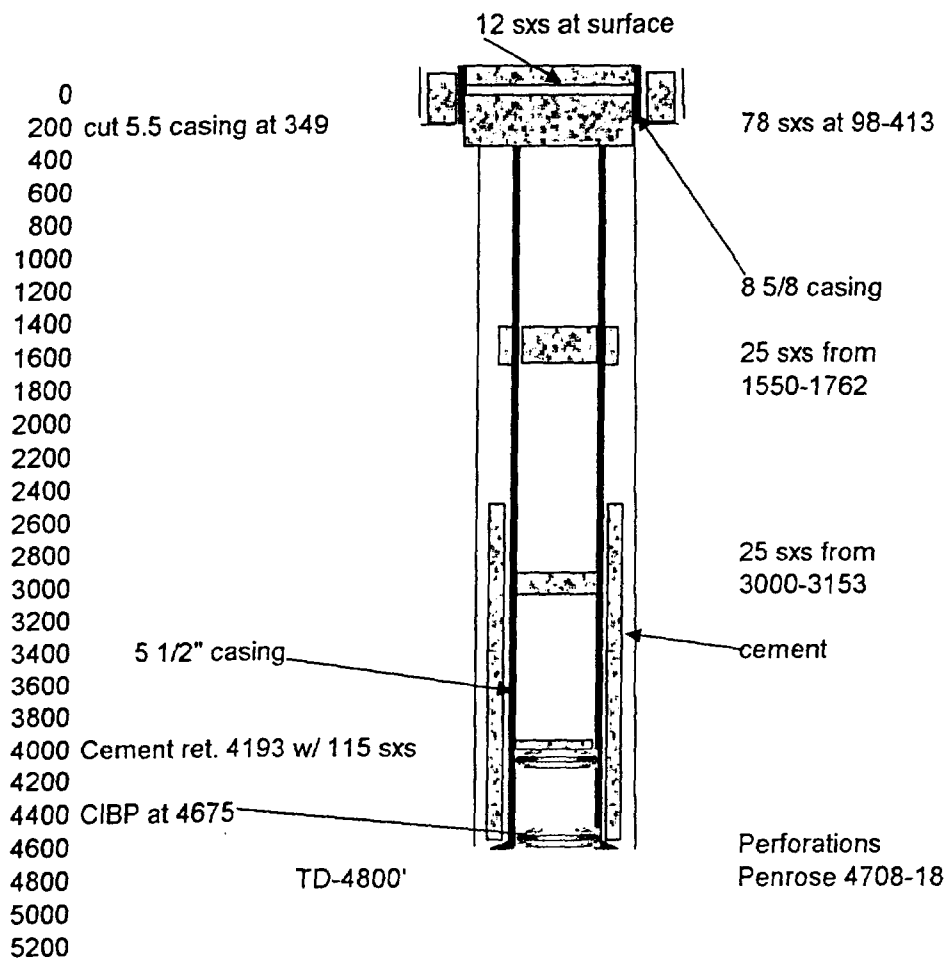
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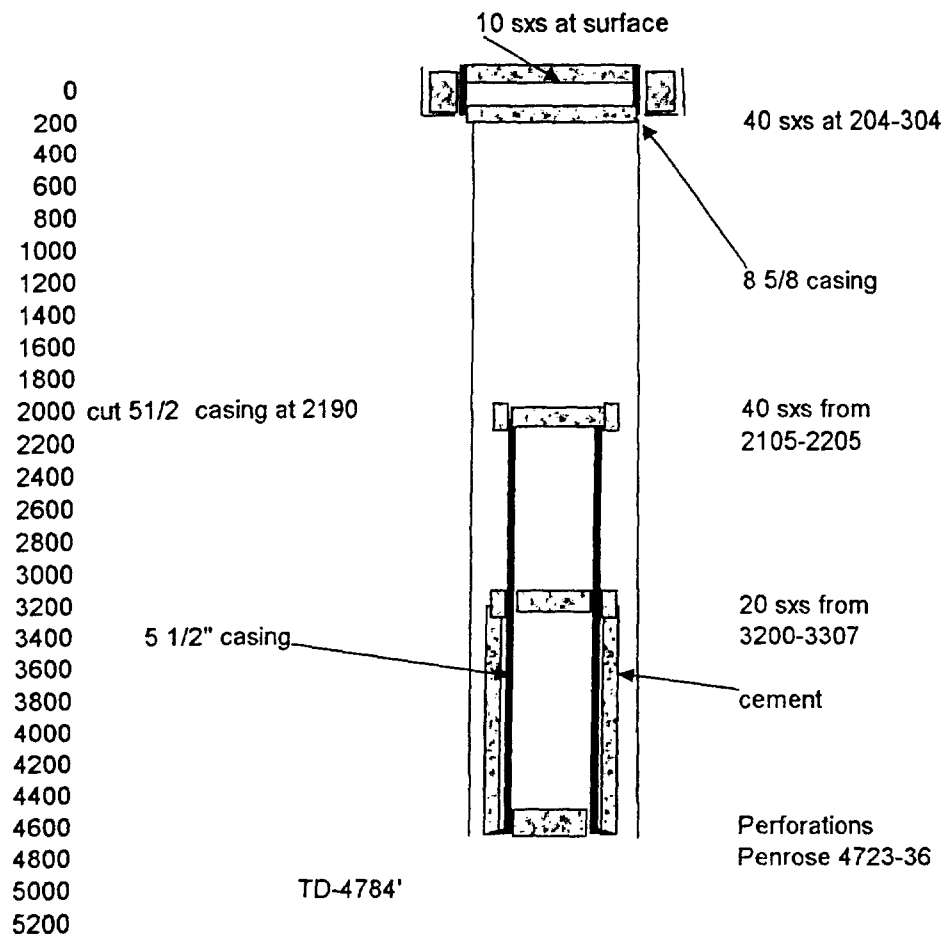
Set cement retainer at 4300. Squeeze w/ 100 sxs w/ 5 on top.  
25 sxs at 2900-3050, 25 sxs at 1600-1750, 10 sxs at surface



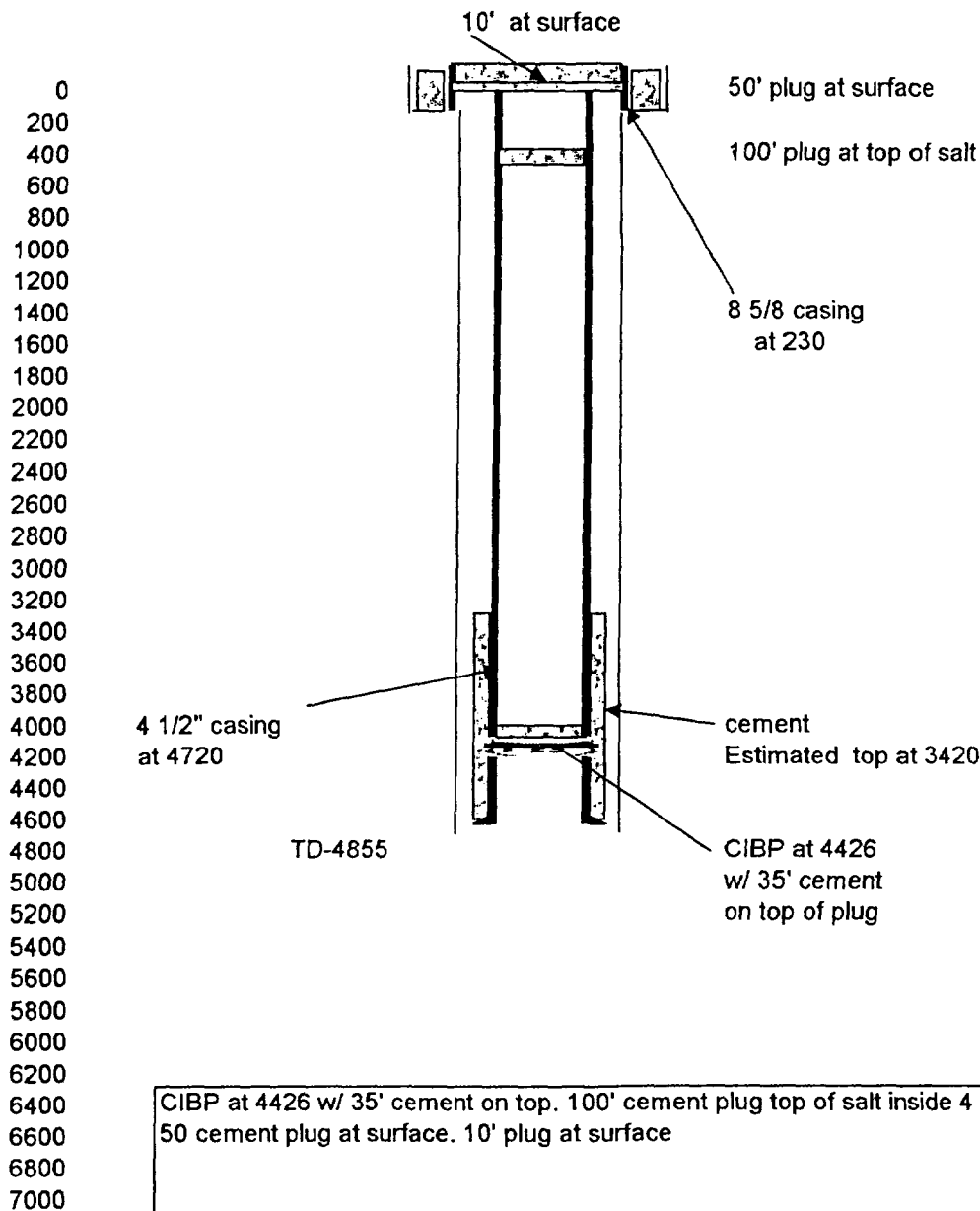
Active Queen Sand water injection well

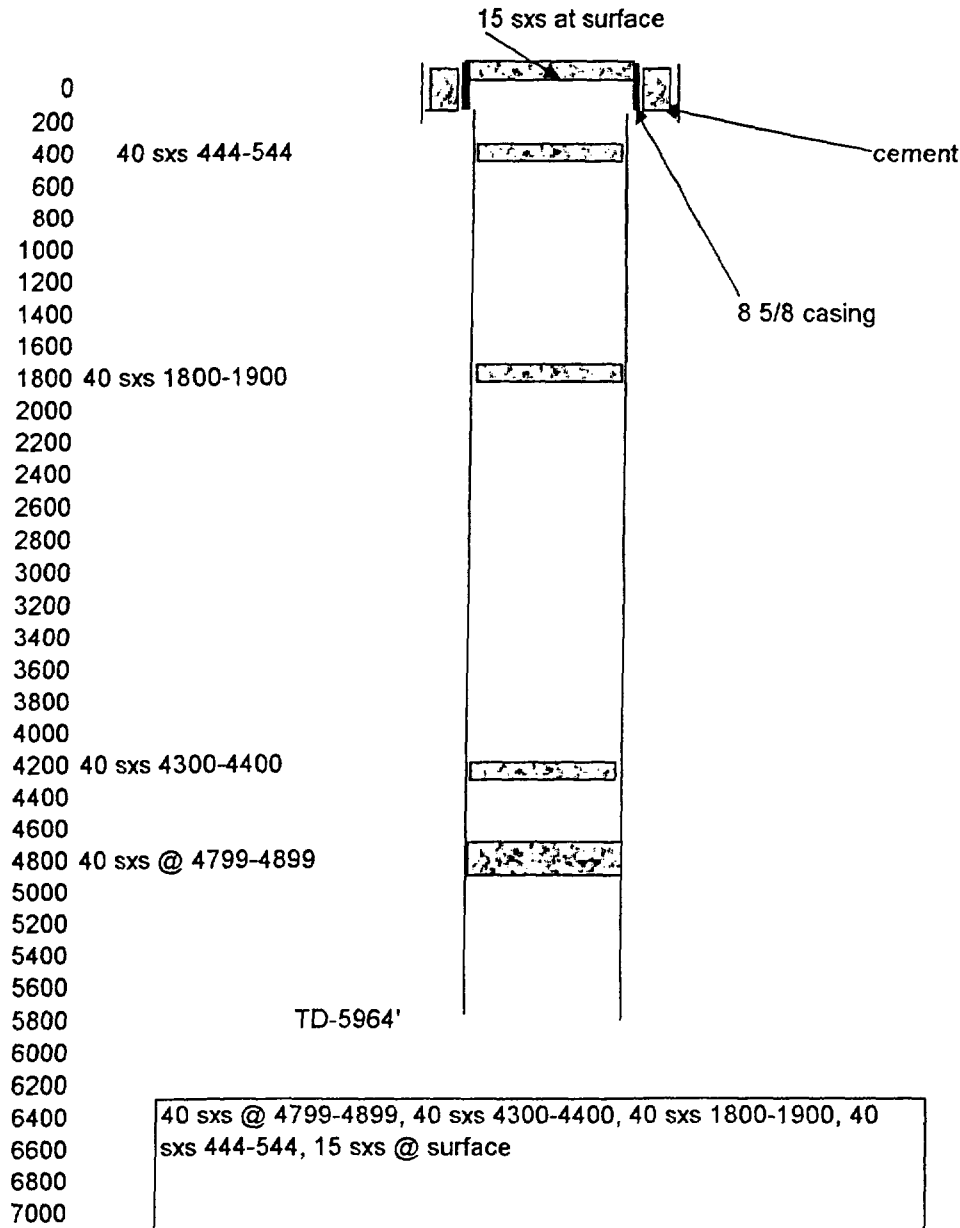


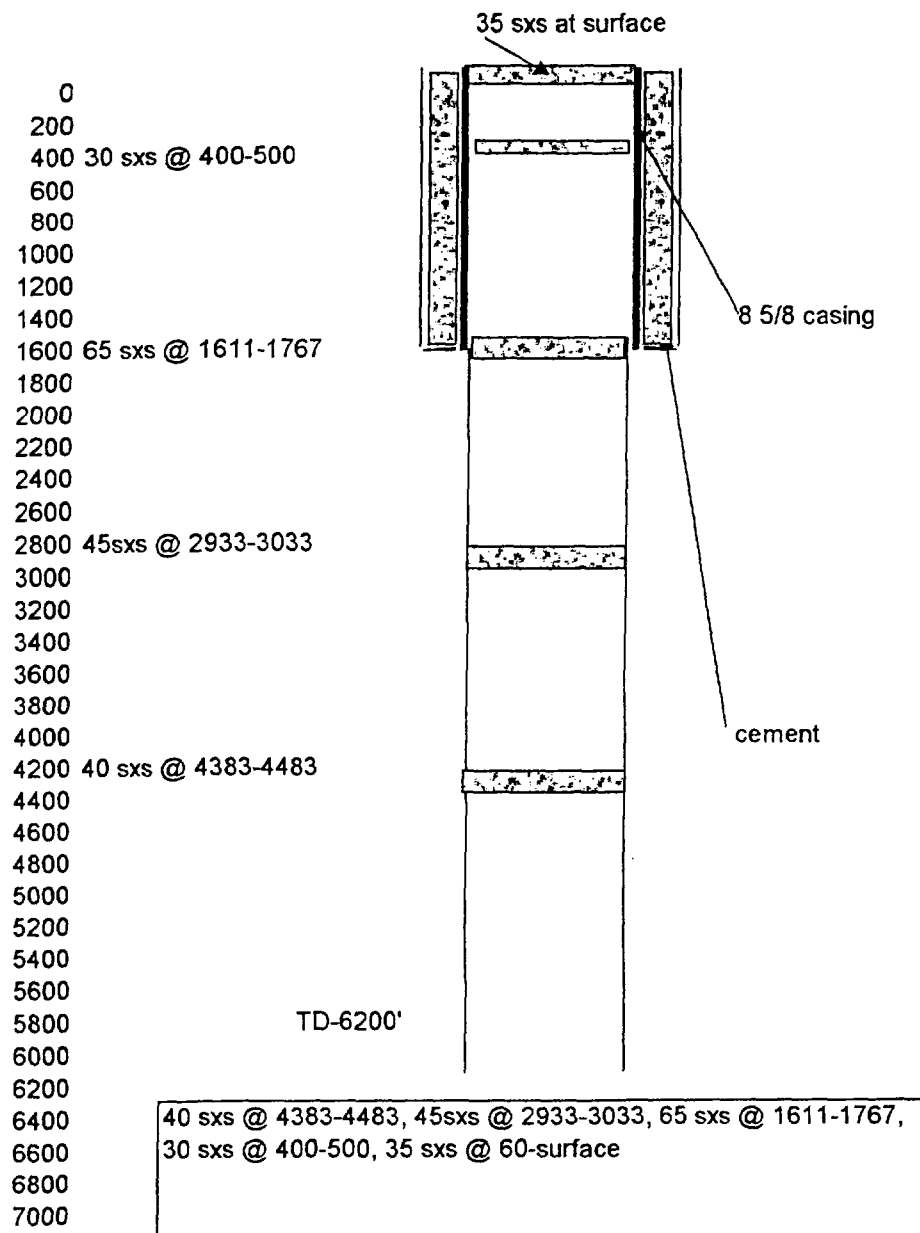
CIBP at 4675 w/ 10 gal hydromite on plug. Set cement ret. 4193. Squeeze w/ 115 sxs. 25 sxs at 3000-3153, 25 sxs at 1550-1762. cut casing at 349. spotted 78 sxs 98-413. 12 sx at surface

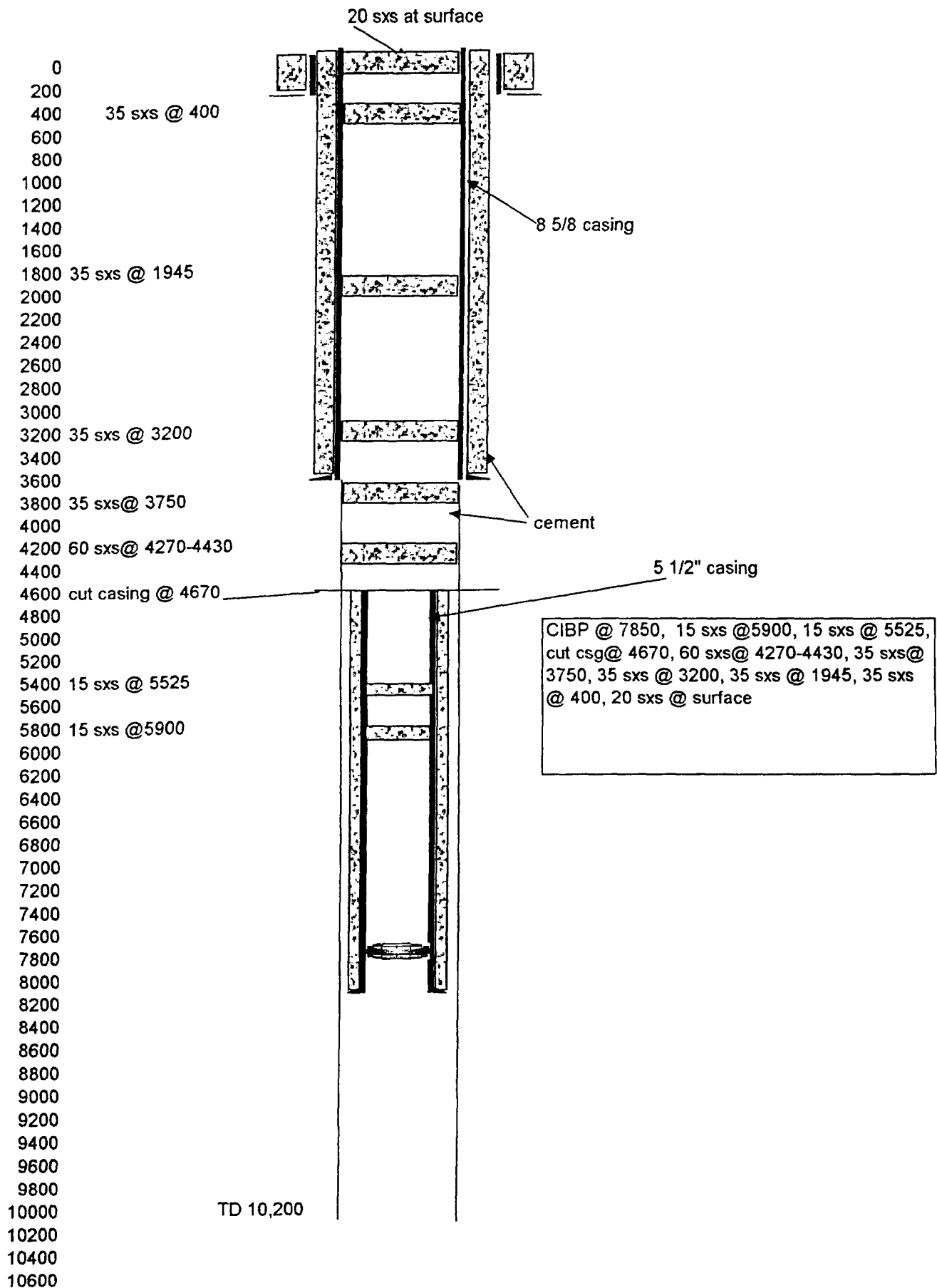


20 sxs at 4600-4702, 20 sxs at 3200-3307, cut casing at 2190, 40 sxs at 2105-2205, 40 sxs 1609-1709, 40 sxs 204-304, 10 sxs at surface

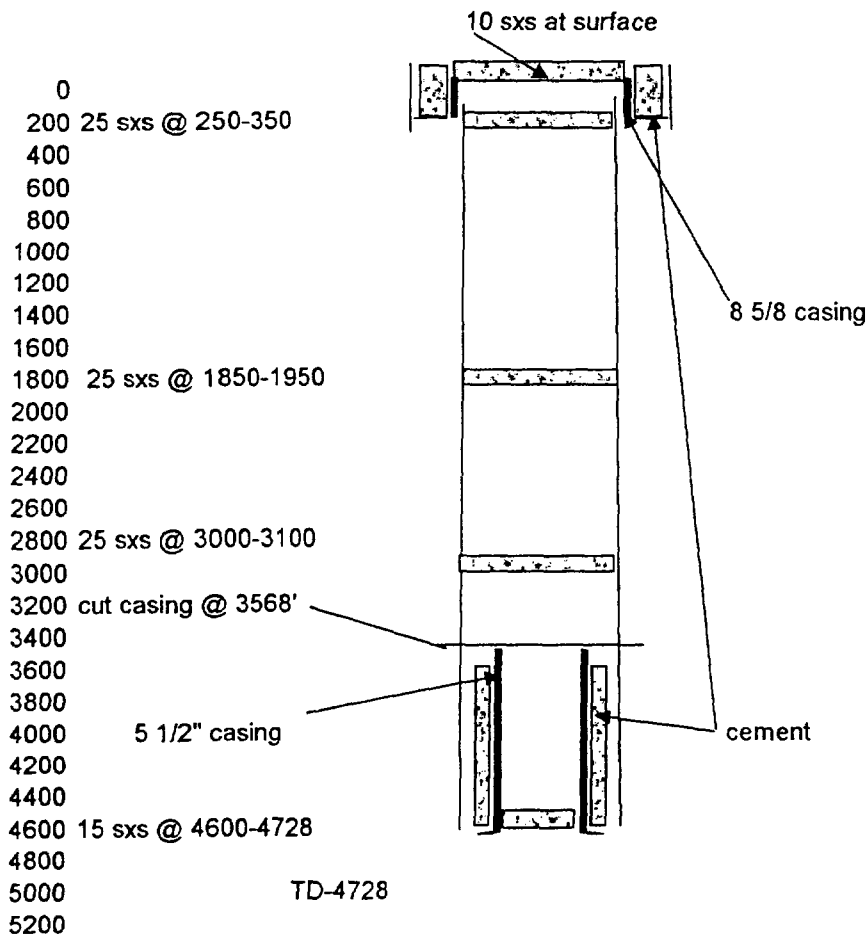




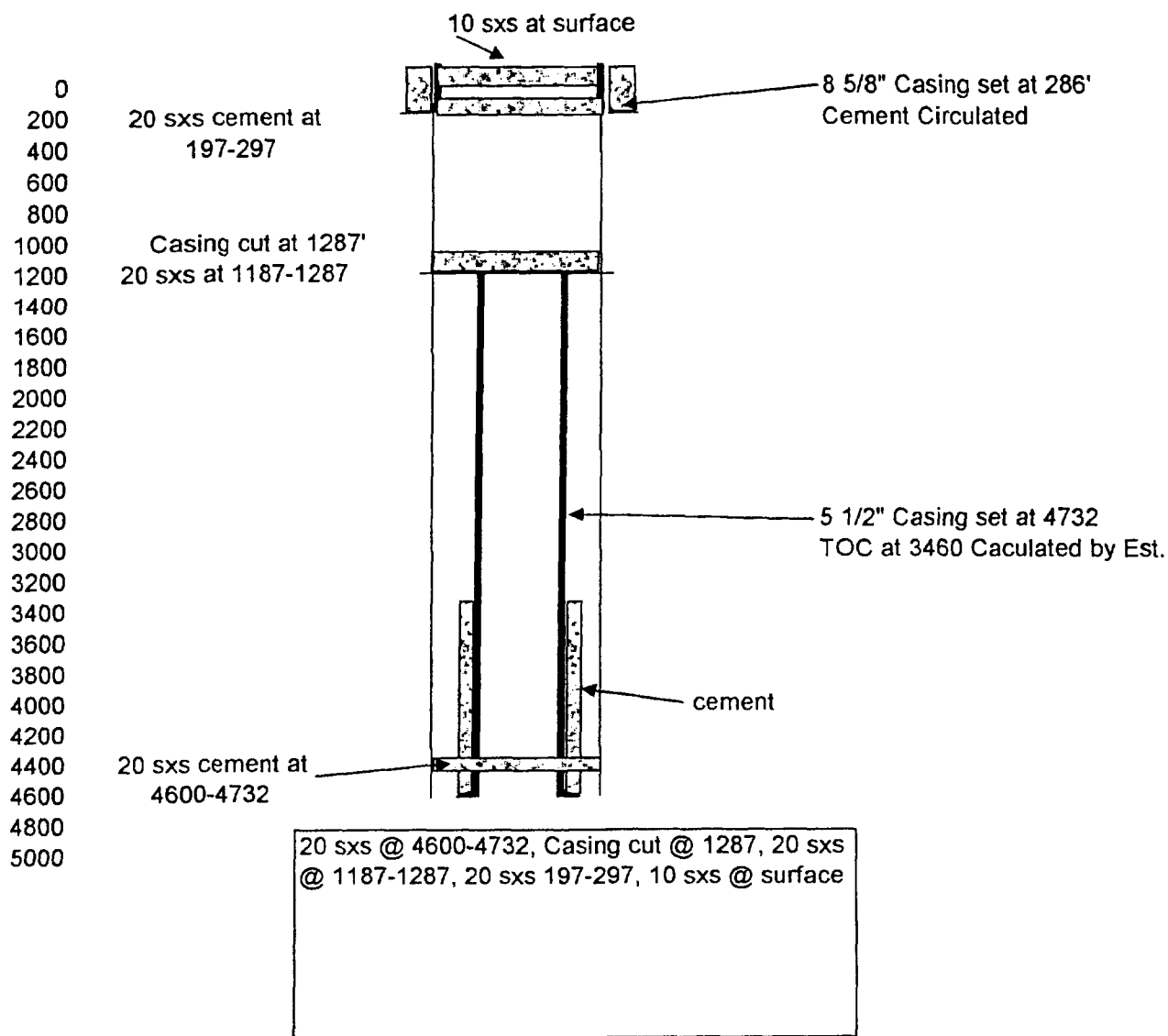


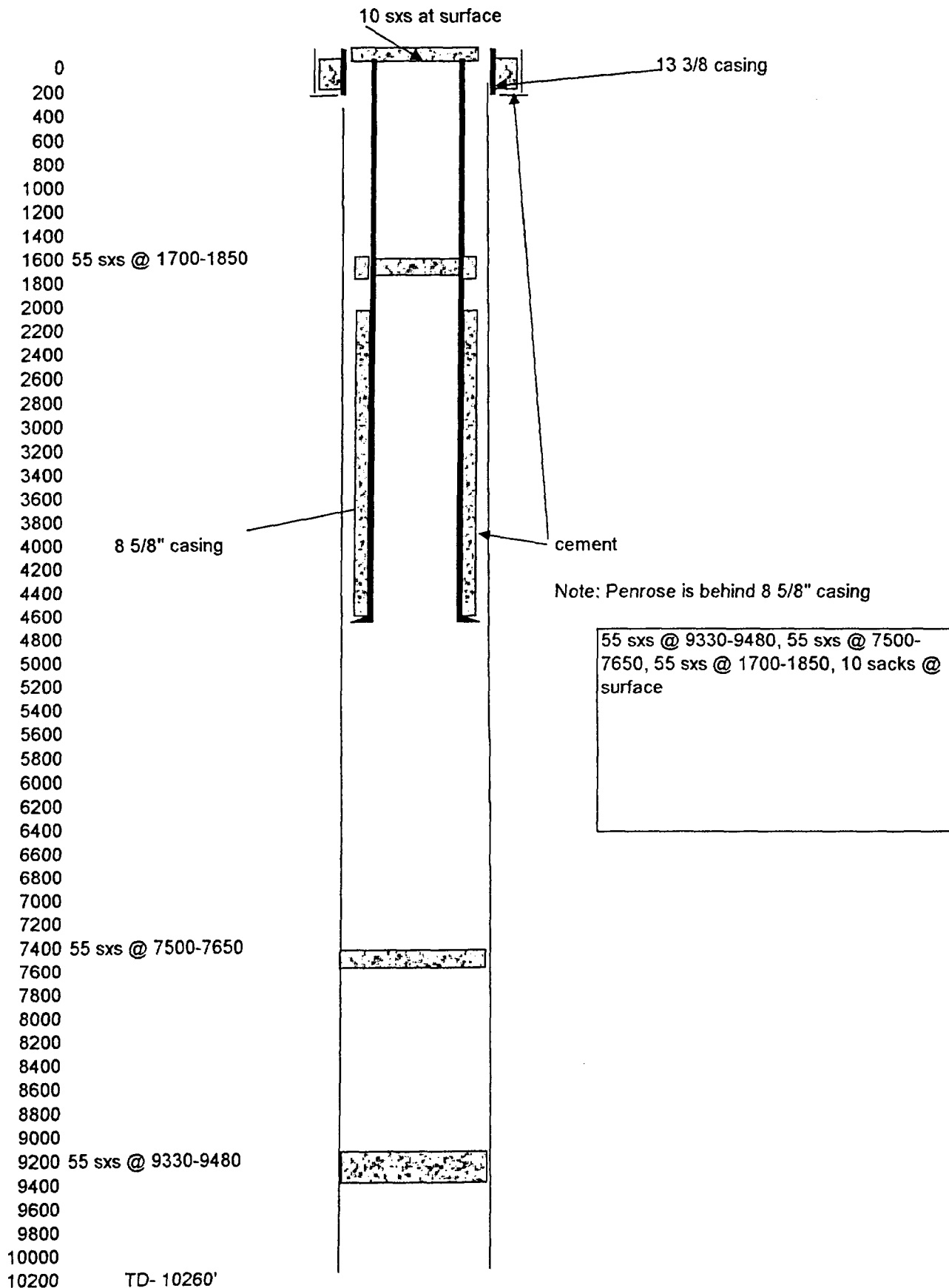


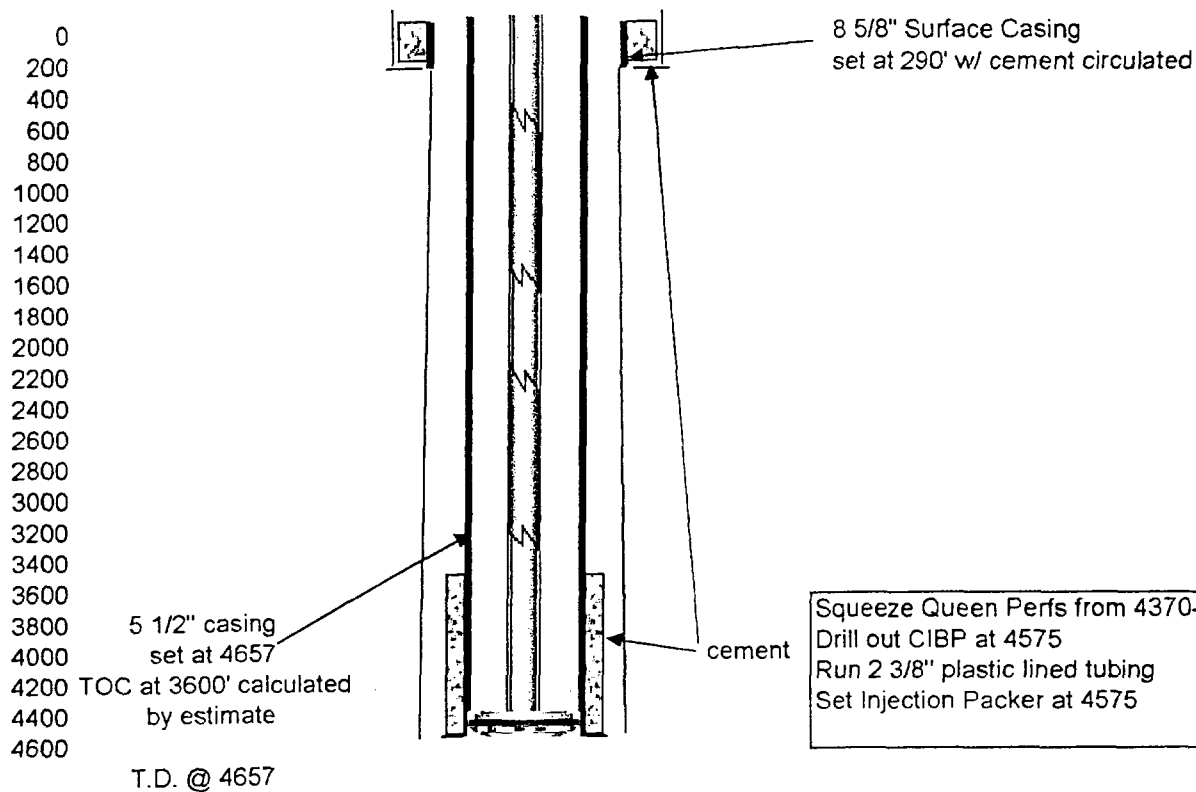




15 sxs @ 4600-4728, 25 sxs @ 3000-3100, 25 sxs @ 1850-1950,  
25 sxs @ 250-350, 10 sxs @ surface Cut 5 1/2 casing @ 3568







Penrose- 4628-4634

## WELL DATA SHEET

OPERATOR	Seely Oil Company	LEASE	EK Queen Unit
WELL NO.	27	LOC	990 FSL & 1980 FEL
		SECTION	24-18S-33E
		UNIT LETTER	o

### TUBULAR DATA

#### SURFACE CASING

SIZE	8 5/8	24 lbs/ft	CEMENTED WITH	175	sx.
TOC	Surface		DETERMINED BY	Circulation	
HOLE SIZE	12 1/4		SETTING DEPTH	290	

#### INTERMEDIATE CASING

SIZE		CEMENTED WITH
TOC		DETERMINED BY
HOLE SIZE		SETTING DEPTH

#### LONG STRING

SIZE	5 1/2	14	lbs/ft	CEMENTED WITH	200
TOC	3600			DETERMINED BY	Calculated Est.
HOLE SIZE	7 7/8			SETTING DEPTH	4657

TOTAL DEPTH 4657

### PRODUCING INTERVAL

FORMATION	Queen	POOL OR FIELD	EK Yates-Seven Rivers-Queen
SPUD DATE	12/24/1957	COMPLETION DATE	6/23/1966

PERFORATED 4370 FEET TO 4397 FEET

STIMULATION Acid- 500 gal. 15% NE

#### OTHER PERFORATED ZONES

Penrose- 4628-4634, CIBP @ 4575 w/ 10' cmt on top of plug

### CURRENT STATUS

OF THE WELL Active WIW

IF P&A, LIST PLUGGING DETAILS

--

## INJECTION WELL DATA SHEET

**Tubing Size:**  
2 3/8 in

**Lining Material:**  
Plastic

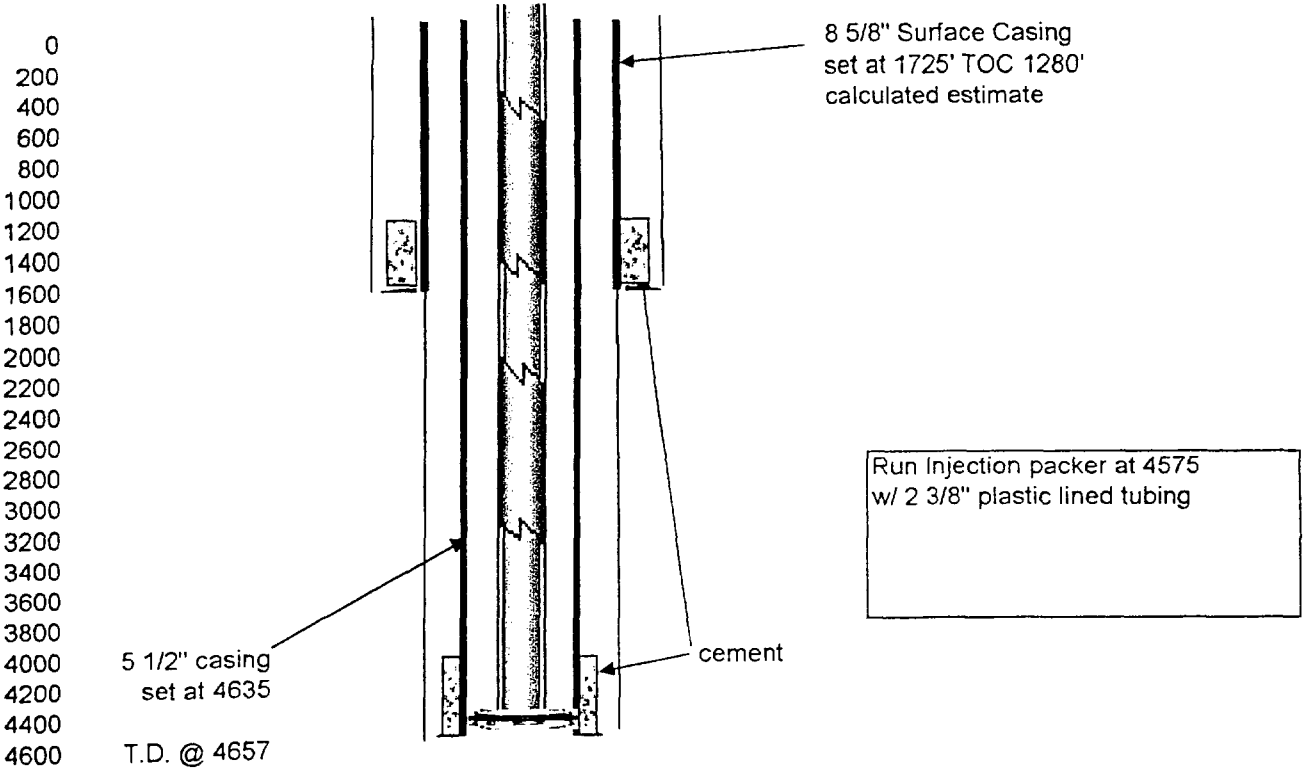
**Type of Packer:**  
AD-1

**Packer Setting Depth**  
4575±

**Other Type of Tubing/Casing Seal ( if applicable)**

### Additional Data

1. Is this a new well drilled for injection? \_\_\_\_\_ Yes \_\_\_\_\_ X No  
If no, for what purpose was the well originally drilled  
Queen Sand Water Injection Well
2. Name of the Injection Formation  
Penrose 4628-4634
3. Name of the Field or Pool ( if applicable).  
EK Yates Seven Rivers Queen
4. Has the well ever been perforated in any other zone(s)? \_\_\_\_\_ Yes \_\_\_\_\_  
List all such perforated intervals and give plugging detail, i.e. sacks of cement  
of plug(s) used.  
Queen 4370-4397
5. Give the name and depth of any oil or gas zones underlying or overlying the proposed  
injection zone in this area?  
Queen 4400'  
Grayburg 4450'  
Yates 3600'



Penrose- 4637-57(OH)

## WELL DATA SHEET

OPERATOR Seely Oil Company  
WELL NO. 1  
LOC 660 FNL & 1980 FEL  
LEASE McElvain Federal  
SECTION 25-18S-33E  
UNIT LETTER b

### TUBULAR DATA

#### SURFACE CASING

SIZE 8 5/8 24 lbs/ft CEMENTED WITH 125 sx.  
TOC 1280 DETERMINED BY Calculated Est.  
HOLE SIZE 11 SETTING DEPTH 1725

#### INTERMEDIATE CASING

SIZE CEMENTED WITH  
TOC DETERMINED BY  
HOLE SIZE SETTING DEPTH

#### LONG STRING

SIZE 5 1/2 15.5 lbs/ft CEMENTED WITH 100  
TOC 4100 DETERMINED BY Calculated Est.  
HOLE SIZE 7 7/8 SETTING DEPTH 4635

TOTAL DEPTH 4657

### PRODUCING INTERVAL

FORMATION Penrose  
SPUD DATE 6/18/1955  
POOL OR FIELD EK Yates-Seven Rivers-Queen  
COMPLETION DATE 8/12/1955

PERFORATED 4637 FEET TO 4657 (OH) FEET

STIMULATION Frac- 10k gal. & 10k lbs. sand

#### OTHER PERFORATED ZONES

### CURRENT STATUS

OF THE WELL Producing

IF P&A, LIST PLUGGING DETAILS

--



## INJECTION WELL DATA SHEET

**Tubing Size:**  
2 3/8 in

**Lining Material:**  
Plastic

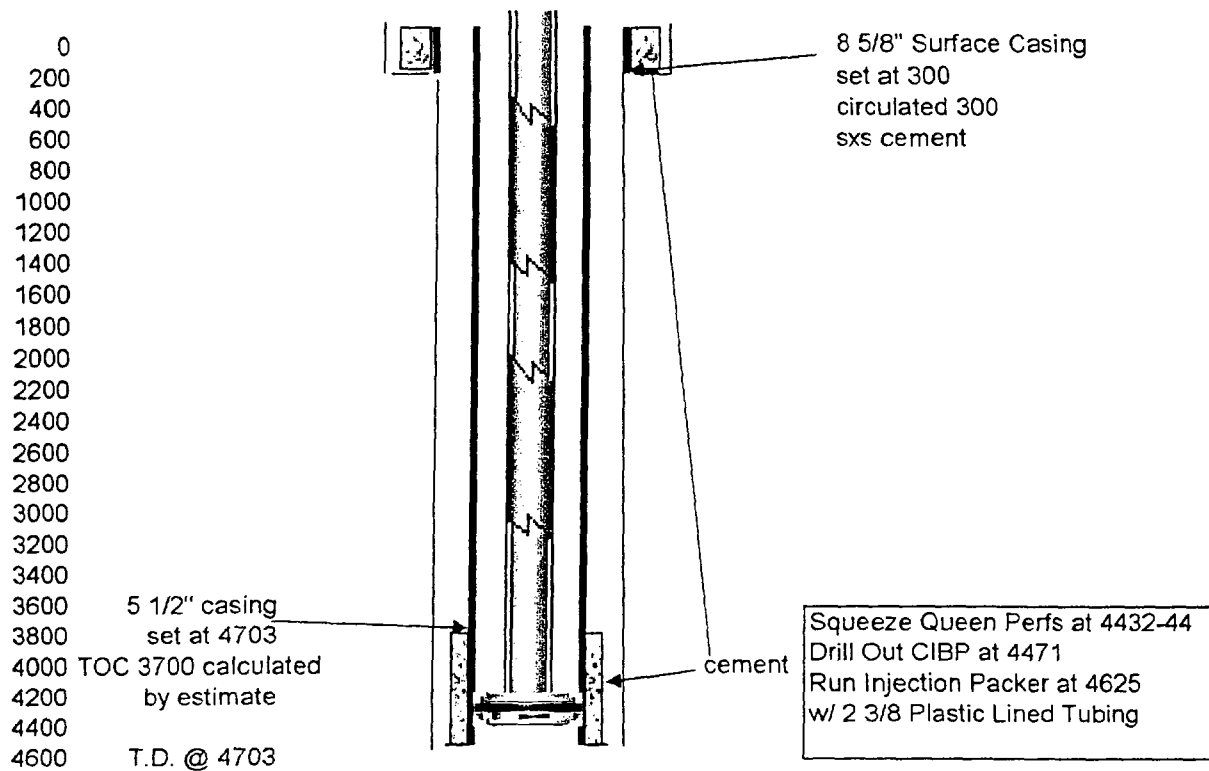
**Type of Packer:**  
AD-1

**Packer Setting Depth**  
4575±

**Other Type of Tubing/Casing Seal ( if applicable)**

### Additional Data

1. Is this a new well drilled for injection? \_\_\_\_\_ Yes \_\_\_\_\_ X No  
If no, for what purpose was the well originally drilled  
Penrose Oil Producer
2. Name of the Injection Formation  
Penrose- 4637-57(OH)
3. Name of the Field or Pool ( if applicable).  
EK Yates Seven Rivers Queen
4. Has the well ever been perforated in any other zone(s)? \_\_\_\_\_ No  
List all such perforated intervals and give plugging detail, i.e. sacks of cement  
of plug(s) used.
5. Give the name and depth of any oil or gas zones underlying or overlying the proposed  
injection zone in this area?  
Queen 4400'  
Grayburg 4450'  
Yates 3600'



## WELL DATA SHEET

OPERATOR Seely Oil Company  
WELL NO. 22  
LOC 1980 FSL & 1897 FWL  
LEASE EK Queen Unit  
SECTION 19-18S-34E  
UNIT LETTER k

### TUBULAR DATA

#### SURFACE CASING

SIZE 8 5/8 24 lbs/ft CEMENTED WITH 300 sx.  
TOC Surface DETERMINED BY Circulation  
HOLE SIZE 12 1/4 SETTING DEPTH 300

#### INTERMEDIATE CASING

SIZE CEMENTED WITH  
TOC DETERMINED BY  
HOLE SIZE SETTING DEPTH

#### LONG STRING

SIZE 5 1/2 14 lbs/ft CEMENTED WITH 200  
TOC 3700 DETERMINED BY Calculated Est  
HOLE SIZE 7 7/8 SETTING DEPTH 4703

TOTAL DEPTH 4703

### PRODUCING INTERVAL

FORMATION Queen Sand  
SPUD DATE 10/16/1956  
POOL OR FIELD EK Yates-Seven Rivers-Queen  
COMPLETION DATE 9/17/1957

PERFORATED 4432 FEET TO 4444 FEET

STIMULATION Frac- 30k gal lease crude & 37.3k lbs sand

#### OTHER PERFORATED ZONES

Penrose 4678-4686, CIBP at 4471

### CURRENT STATUS

OF THE WELL Active Queen Sand WIW

IF P&A, LIST PLUGGING DETAILS

--

## INJECTION WELL DATA SHEET

Tubing Size:  
2 3/8 in

Lining Material:  
Plastic

Type of Packer:  
AD-1

Packer Setting Depth  
4600±

Other Type of Tubing/Casing Seal ( if applicable)

### Additional Data

1. Is this a new well drilled for injection? \_\_\_\_\_ Yes \_\_\_\_\_ X No  
If no, for what purpose was the well originally drilled  
Penrose Sand Oil Producer
2. Name of the Injection Formation  
Penrose 4678-4686
3. Name of the Field or Pool ( if applicable).  
EK Yates Seven Rivers Queen
4. Has the well ever been plugged? \_\_\_\_\_  
List all such perforated intervals \_\_\_\_\_ plugged \_\_\_\_\_ sacks of cement  
of plug(s) used.  
Queen 4432-4444
5. Give the name and depth of any oil or gas zones underlying or overlying the proposed injection zone in this area?  
Queen 4400'  
Grayburg 4450'  
Yates 3600'

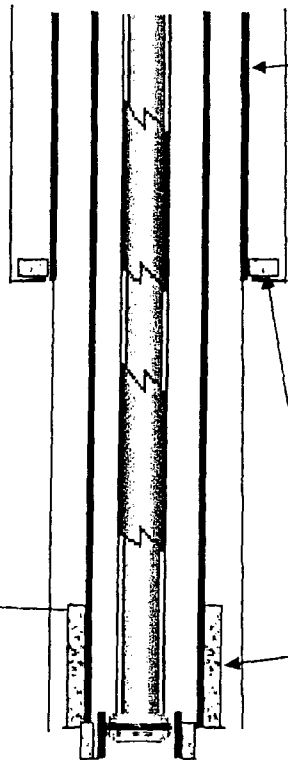
OPERATOR Seely Oil Company  
WELL NO. 21

LOC

LEASE EK Queen Unit  
1980 FSL & 660FSL  
SECTION 19-18S-34E  
UNIT LETTER I

0  
200  
400  
600  
800  
1000  
1200  
1400  
1600  
1800  
2000  
2200  
2400  
2600  
2800  
3000  
3200  
3400  
3600  
3800  
4000  
4200  
4400  
4600  
4800  
5000  
5200  
5400

7" casing  
set at 4361 w/ 100 sxs  
TOC 3800 calculated  
by estimate  
T.D. @ 4703



8 5/8" Surface Casing  
set at 1744 w/ 50 sxs cement  
TOC at 1600  
Estimated by Calculation

cement

Squeeze Queen Perfs at 4390-445  
Drill to 4700  
Run 4 1/2" from 4350 to 4700  
Cement in place  
Run Injection packer at 4625  
w/ 2 3/8" Plastic Lined Tubing

## WELL DATA SHEET

OPERATOR	Seely Oil Company	LEASE	EK Queen Unit
WELL NO.	21	LOC	1980 FSL & 660 FWL
		SECTION	19-18S-34E
		UNIT LETTER	I

### TUBULAR DATA

#### SURFACE CASING

SIZE	8 5/8	24 lbs/ft	CEMENTED WITH	50	sx.
TOC	1600		DETERMINED BY	Calculated Est.	
HOLE SIZE	11		SETTING DEPTH	1744	

#### INTERMEDIATE CASING

SIZE			CEMENTED WITH
TOC			DETERMINED BY
HOLE SIZE			SETTING DEPTH

#### LONG STRING

SIZE	7	20	lbs/ft	CEMENTED WITH	100
TOC	3800			DETERMINED BY	Calculated Est
HOLE SIZE	8 3/4			SETTING DEPTH	4361

TOTAL DEPTH 4473

### PRODUCING INTERVAL

FORMATION	Queen Sand	POOL OR FIELD	EK Yates-Seven Rivers-Queen
SPUD DATE	12/10/1954	COMPLETION DATE	2/24/1955

PERFORATED 4390 FEET TO 4445 FEET

STIMULATION Frac- 10k gal lease crude & 15k lbs sand

#### OTHER PERFORATED ZONES

### CURRENT STATUS

OF THE WELL Producing

IF P&A, LIST PLUGGING DETAILS

--

## INJECTION WELL DATA SHEET

**Tubing Size:**  
2 3/8 in

**Lining Material:**  
Plastic

**Type of Packer:**  
AD-1

**Packer Setting Depth**  
4625±

**Other Type of Tubing/Casing Seal ( if applicable)**

### Additional Data

1. Is this a new well drilled for injection? \_\_\_\_\_ Yes \_\_\_\_\_ X No

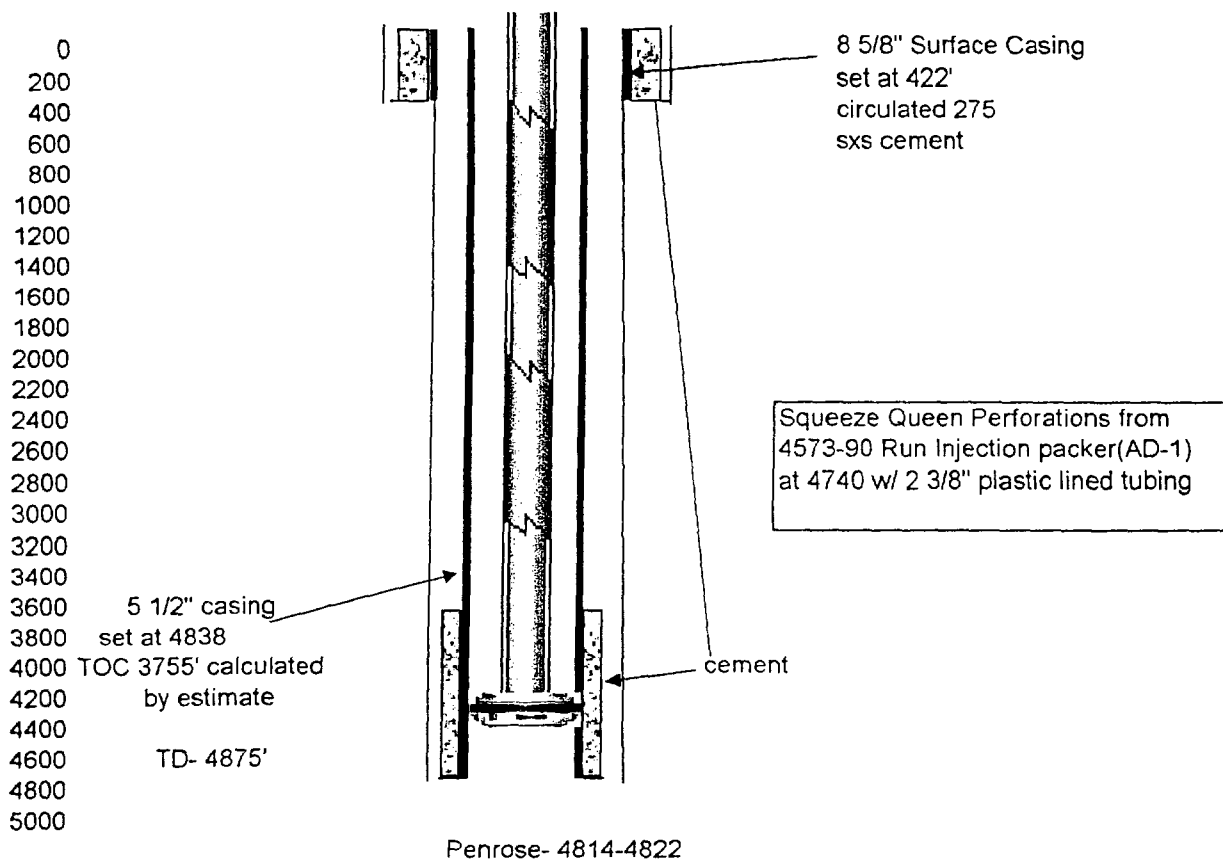
If no, for what purpose was the well originally drilled  
Penrose Oil Producer

2. Name of the Injection Formation  
Penrose 4698-4710

3. Name of the Field or Pool ( if applicable).  
EK Yates Seven Rivers Queen

4. Has the well ever been perforated in any other zone(s)? \_\_\_\_\_ Yes \_\_\_\_\_  
List all such perforated intervals and give plugging detail, i.e. sacks of cement  
of plug(s) used.  
Queen 4429-4478

5. Give the name and depth of any oil or gas zones underlying or overlying the proposed  
injection zone in this area?  
Queen 4400'  
Grayburg 4450'  
Yates 3600'





## WELL DATA SHEET

OPERATOR	Concho Oil & Gas	LEASE	Citation	SECTION	20-18S-34E
WELL NO.	1	LOC	1650 FSL & 330 FWL	UNIT LETTER	I

### TUBULAR DATA

#### SURFACE CASING

SIZE	8 5/8	24 lbs/ft	CEMENTED WITH	275	sx.
TOC	Surface		DETERMINED BY	Circulation	
HOLE SIZE	12 1/4		SETTING DEPTH	422	

#### INTERMEDIATE CASING

SIZE			CEMENTED WITH
TOC			DETERMINED BY
HOLE SIZE			SETTING DEPTH

#### LONG STRING

SIZE	5 1/2	15.5 lbs/ft	CEMENTED WITH	170
TOC	3755		DETERMINED BY	Calculated Est.
HOLE SIZE	7 7/8		SETTING DEPTH	4838

TOTAL DEPTH 4875

### PRODUCING INTERVAL

FORMATION	Penrose Sand	POOL OR FIELD	EK Yates-Seven Rivers-Queen
SPUD DATE	2/2/2000	COMPLETION DATE	1/0/1900

PERFORATED 4814 FEET TO 4822 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

### CURRENT STATUS

OF THE WELL Producing

IF P&A, LIST PLUGGING DETAILS

--

## INJECTION WELL DATA SHEET

**Tubing Size:**

2 3/8 in

**Lining Material:**

Plastic

**Type of Packer:**

AD-1

**Packer Setting Depth**

4675±

**Other Type of Tubing/Casing Seal ( if applicable)**

### Additional Data

1. Is this a new well drilled for injection?

\_\_\_\_\_ Yes

  X   No

If no, for what purpose was the well originally drilled

Penrose Sand Producer

2. Name of the Injection Formation

Penrose- 4814-4822

3. Name of the Field or Pool ( if applicable).

EK Yates Seven Rivers Queen

4. Has the well ever been perforated in any other zone(s)?

\_\_\_\_\_ Yes

List all such perforated intervals and give plugging detail, i.e. sacks of cement of plug(s) used.

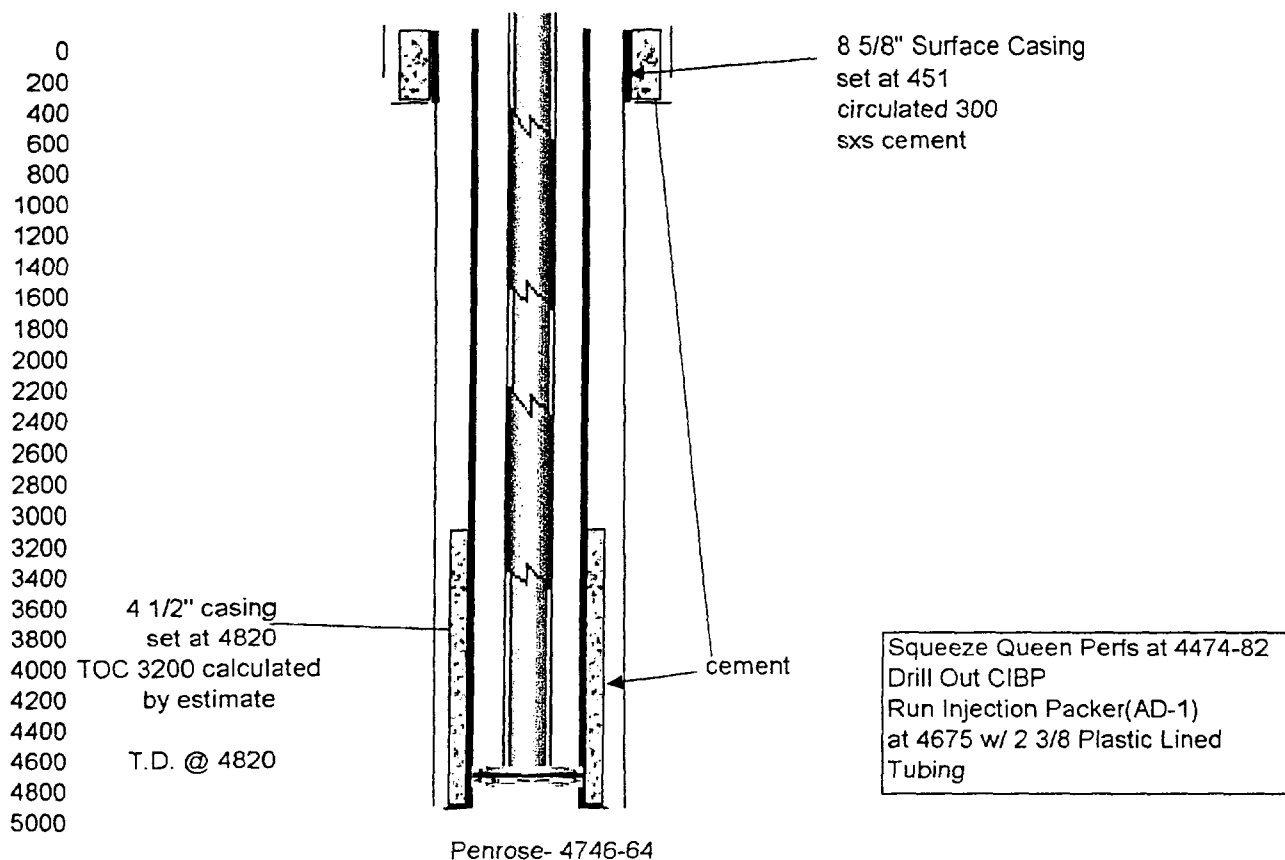
Queen- 4573-90

5. Give the name and depth of any oil or gas zones underlying or overlying the proposed injection zone in this area?

Queen 4400'

Grayburg 4450'

Yates 3600'



# WELL DATA SHEET

<b>OPERATOR</b>	Seely Oil Company	<b>LEASE</b>	Scharbauer
<b>WELL NO.</b>	2	<b>LOC</b>	330 FSL & 1650 FWL
		<b>SECTION</b>	20-18S-34E
		<b>UNIT LETTER</b>	n

## TUBULAR DATA

### SURFACE CASING

<b>SIZE</b>	8 5/8	20 lbs/ft	<b>CEMENTED WITH</b>	300	sx.
<b>TOC</b>	Surface		<b>DETERMINED BY</b>	Circulation	
<b>HOLE SIZE</b>	12 1/4		<b>SETTING DEPTH</b>	451	

### INTERMEDIATE CASING

<b>SIZE</b>		<b>CEMENTED WITH</b>
<b>TOC</b>		<b>DETERMINED BY</b>
<b>HOLE SIZE</b>		<b>SETTING DEPTH</b>

### LONG STRING

<b>SIZE</b>	4 1/2	9.5 & 10.5 lbs/ft	<b>CEMENTED WITH</b>	400
<b>TOC</b>	3200		<b>DET</b>	Calculated Est.
<b>HOLE SIZE</b>	7 7/8		<b>SETTING</b>	4820

**TOTAL DEPTH** 4820

## PRODUCING INTERVAL

<b>FORMATION</b>	Queen Sand	<b>POOL OR FIELD</b>	EK Yates-Seven Rivers-Queen
<b>SPUD DATE</b>	1/0/1900	<b>COMPLETION DATE</b>	2/10/2000

**PERFORATED** 4474 FEET TO 4482 FEET

**STIMULATION** Acid- 1k gal KCl & 18k lbs sand

### OTHER PERFORATED ZONES

Penrose 4746-64

## CURRENT STATUS

**OF THE WELL** Producing

**IF P&A, LIST PLUGGING DETAILS**

## INJECTION WELL DATA SHEET

**Tubing Size:**

2 3/8 in

**Lining Material:**

Plastic

**Type of Packer:**

AD-1

**Packer Setting Depth**

4675±

**Other Type of Tubing/Casing Seal ( if applicable)**

### Additional Data

1. Is this a new well drilled for injection? \_\_\_\_\_ Yes \_\_\_\_\_ X No

If no, for what purpose was the well originally drilled

Queen Oil Producer

2. Name of the Injection Formation

Penrose 4746-64

3. Name of the Field or Pool ( if applicable).

EK Yates Seven Rivers Queen

4. Has the well ever been perforated in any other zone(s)? \_\_\_\_\_ Yes \_\_\_\_\_

List all such perforated intervals and give plugging detail, i.e. sacks of cement of plug(s) used.

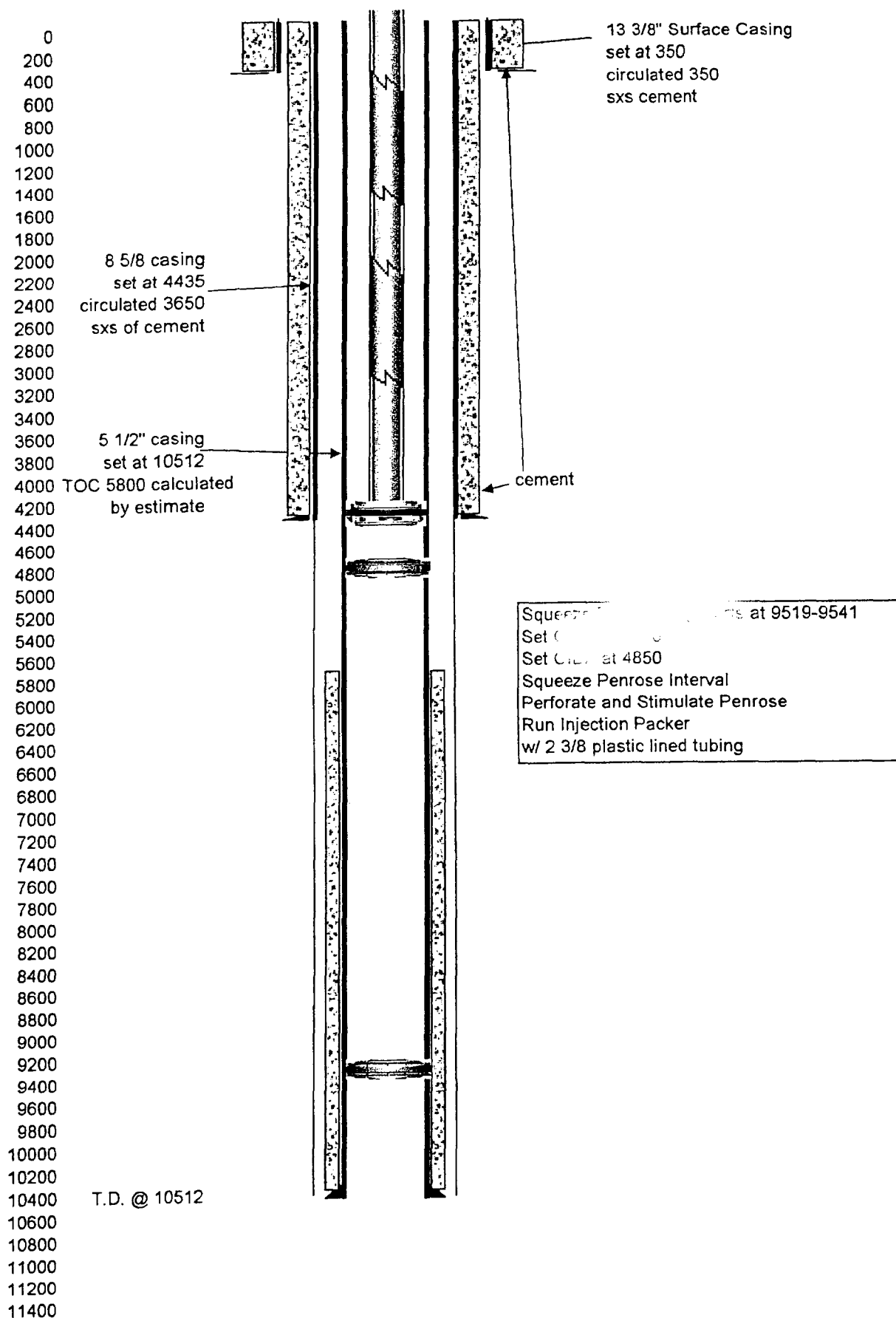
Queen 4472-82

5. Give the name and depth of any oil or gas zones underlying or overlying the proposed injection zone in this area?

Queen 4400'

Grayburg 4450'

Yates 3600'



## WELL DATA SHEET

OPERATOR	Yate Petroleum	LEASE	Howe "TG" Federal
WELL NO.	1	LOC	1980 FSL & 1830 FWL
		SECTION	30-18S-34E
		UNIT LETTER	k

### TUBULAR DATA

#### SURFACE CASING

SIZE	13 3/8	48 lbs/ft	CEMENTED WITH	350	sx.
TOC	Surface		DETERMINED BY	Circulation	
HOLE SIZE	17 1/2		SETTING DEPTH	350	

#### INTERMEDIATE CASING

SIZE	8 5/8	32 lbs/ft	CEMENTED WITH	3650	
TOC	Surface		DETERMINED BY	Circulation	
HOLE SIZE	12 1/4		SETTING DEPTH	4435	

#### LONG STRING

SIZE	5 1/2	17	lbs/ft	CEMENTED WITH	725
TOC	5800			DETERMINED BY	Calculated Est.
HOLE SIZE	7 7/8			SETTING DEPTH	10512

TOTAL DEPTH 10512

### PRODUCING INTERVAL

FORMATION	Bone Spring	POOL OR FIELD	EK (Bone Spring)
SPUD DATE	3/11/1982	COMPLETION DATE	4/18/1982

PERFORATED 9519 FEET TO 9541 FEET

STIMULATION Acid- 2k gal 15% Ne Acid. Frac- 1k gal rog. Acid, 30k lbs sand

#### OTHER PERFORATED ZONES

### CURRENT STATUS

OF THE WELL Producing

IF P&A, LIST PLUGGING DETAILS

--

## INJECTION WELL DATA SHEET

**Tubing Size:**  
2 3/8 in

**Lining Material:**  
Plastic

**Type of Packer:**  
AD-1

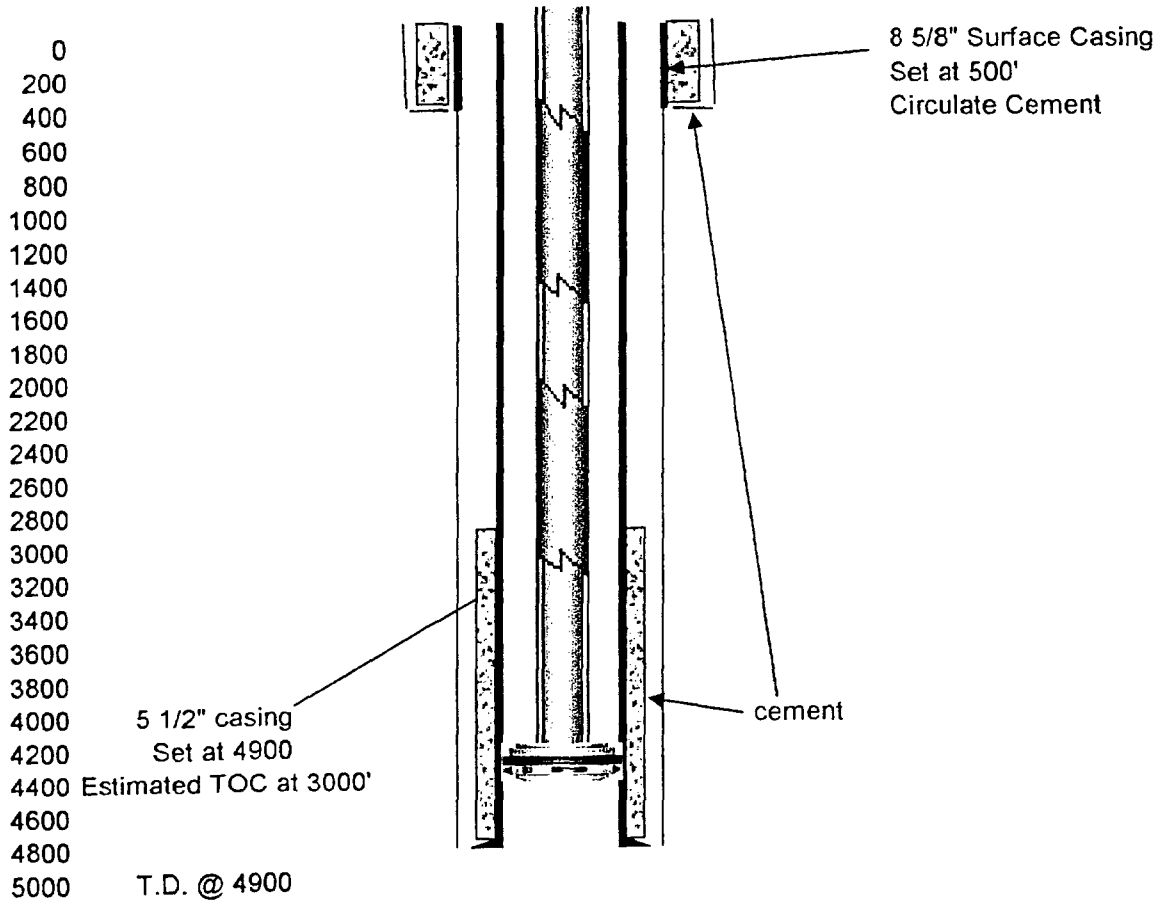
**Packer Setting Depth**  
4675±

**Other Type of Tubing/Casing Seal ( if applicable)**

### Additional Data

1. Is this a new well drilled for injection? \_\_\_\_\_ Yes \_\_\_\_\_ X No  
If no, for what purpose was the well originally drilled  
Bone Spring
2. Name of the Injection Formation  
Penrose Sand
3. Name of the Field or Pool ( if applicable).  
EK Yates Seven Rivers Queen
4. Has the well ever been perforated in any other zone(s)? \_\_\_\_\_ Yes \_\_\_\_\_  
List all such perforated intervals and give plugging detail, i.e. sacks of cement  
of plug(s) used.  
Bone Spring 9519-9541
5. Give the name and depth of any oil or gas zones underlying or overlying the proposed  
injection zone in this area?  
Queen 4400'  
Grayburg 4450'  
Yates 3600'





## WELL DATA SHEET

OPERATOR	Seely Oil Company	LEASE	McElvain Federal	SECTION	30-18S-34E
WELL NO.	13	LOC	2275 FSL & 330 FEL	UNIT LETTER	i

### TUBULAR DATA

#### SURFACE CASING

SIZE	8 5/8	24 lbs/ft	CEMENTED WITH	275	sx.
TOC	Surface		DETERMINED BY	Circulation	
HOLE SIZE	11		SETTING DEPTH	500	

#### INTERMEDIATE CASING

SIZE	0	0 lbs/ft	CEMENTED WITH	0	
TOC	0		DETERMINED BY	0	
HOLE SIZE	0		SETTING DEPTH	0	

#### LONG STRING

SIZE	4 1/2" liner	17	CEMENTED WITH	500	
TOC	3000		DETERMINED BY	Calculated Estimate	
HOLE SIZE	7 7/8		SETTING DEPTH	4900	

TOTAL DEPTH      4900

### PRODUCING INTERVAL

FORMATION	Penrose	POOL OR FIELD	EK Yates-Seven Rivers-Queen
SPUD DATE		COMPLETION DATE	

PERFORATED              0 FEET TO              0 FEET

STIMULATION

OTHER PERFORATED ZONES

### CURRENT STATUS

OF THE WELL              This well is to be drilled at a later date for water injection

IF P&A, LIST PLUGGING DETAILS

## INJECTION WELL DATA SHEET

**Tubing Size:**  
2 3/8 in

**Lining Material:**  
Plastic

**Type of Packer:**  
AD-1

**Packer Setting Depth**  
To be set within 100' of perforations

**Other Type of Tubing/Casing Seal ( if applicable)**

### Additional Data

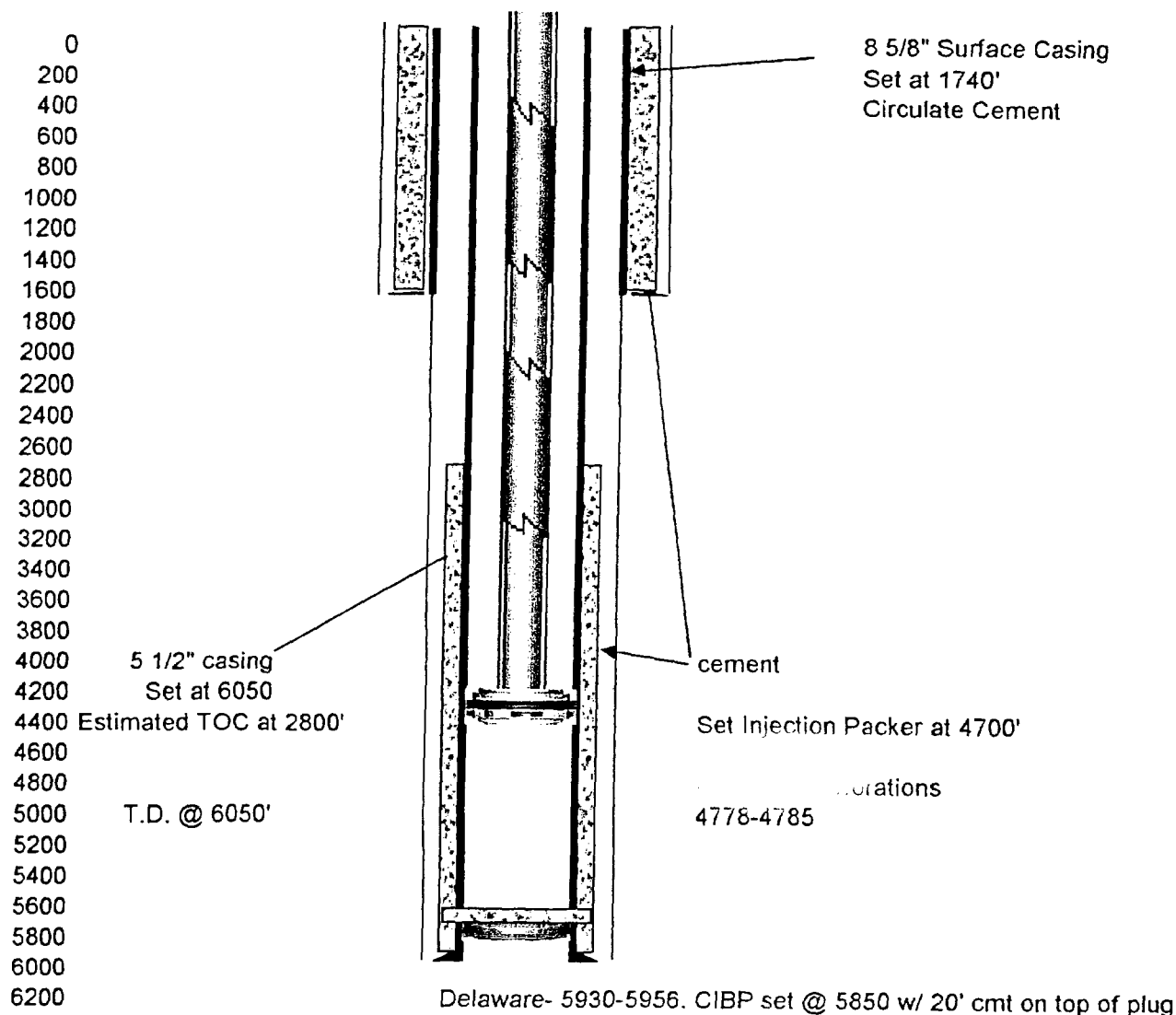
1. Is this a new well drilled for injection? \_\_\_\_\_ Yes \_\_\_\_\_ X No  
If no, for what purpose was the well originally drilled  
Delaware Producer

2. Name of the Injection Formation  
Penrose Sand

3. Name of the Field or Pool ( if applicable).  
EK Yates Seven Rivers Queen

4. Has the well ever been perforated in any other zone(s)? \_\_\_\_\_ Yes  
List all such perforated intervals and give plugging detail, i.e. sacks of cement  
of plug(s) used.  
Delaware- 5930-5956. CIBP set @ 5850 w/ 20' cmt on top of plug  
Penrose- 4778-85

5. Give the name and depth of any oil or gas zones underlying or overlying the proposed  
injection zone in this area?  
Queen 4400'  
Grayburg 4450'  
Yates 3600'



## WELL DATA SHEET

OPERATOR Seely Oil Company  
WELL NO. 10  
LOC 1650' FNL & 1980' FWL  
LEASE McElvain Federal  
SECTION 29-18S-34E  
UNIT LETTER f

### TUBULAR DATA

#### SURFACE CASING

SIZE 8 5/8 24 lbs/ft CEMENTED WITH 380 sx.  
TOC Surface DETERMINED BY Circulation  
HOLE SIZE 11 SETTING DEPTH 1740

#### INTERMEDIATE CASING

SIZE CEMENTED WITH  
TOC DETERMINED BY  
HOLE SIZE SETTING DEPTH

#### LONG STRING

SIZE 5 1/2 17 lbs/ft CEMENTED WITH 1250  
TOC 2800 DETERMINED BY Cement Bond Log  
HOLE SIZE 7 7/8 SETTING DEPTH 6050

TOTAL DEPTH 6050

### PRODUCING INTERVAL

FORMATION Penrose  
SPUD DATE 12/2/2001  
POOL OR FIELD EK Yates-Seven Rivers-Queer  
COMPLETION 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

--

## INJECTION WELL DATA SHEET

Tubing Size:

2 3/8 in

Lining Material:

Plastic

Type of Packer:

AD-1

Packer Setting Depth

4700' ±

Other Type of Tubing/Casing Seal ( if applicable)

### Additional Data

1. Is this a new well drilled for injection? \_\_\_\_\_

Yes

X

No

If no, for what purpose was the well originally drilled

Delaware Producer

2. Name of the Injection Formation

Penrose Sand

3. Name of the Field or Pool ( if applicable).

EK Yates Seven Rivers Queen

4. Has the well ever been plugged? \_\_\_\_\_

Yes

List all such perforated intervals and give plugging detail, i.e. sacks of cement of plug(s) used.

Delaware- 5930-5956. CIBP set @ 5850 w/ 20' cmt on top of plug

Penrose- 4778-85

5. Give the name and depth of any oil or gas zones underlying or overlying the proposed injection zone in this area?

Queen 4400'

Grayburg 4450'

Yates 3600'