

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

Case 12965

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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. 10th 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

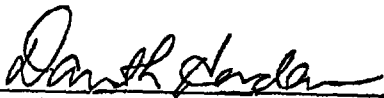
Each of the currently producing wells has previously received a fracture treatment which are outlined on the enclosed well data sheets.

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

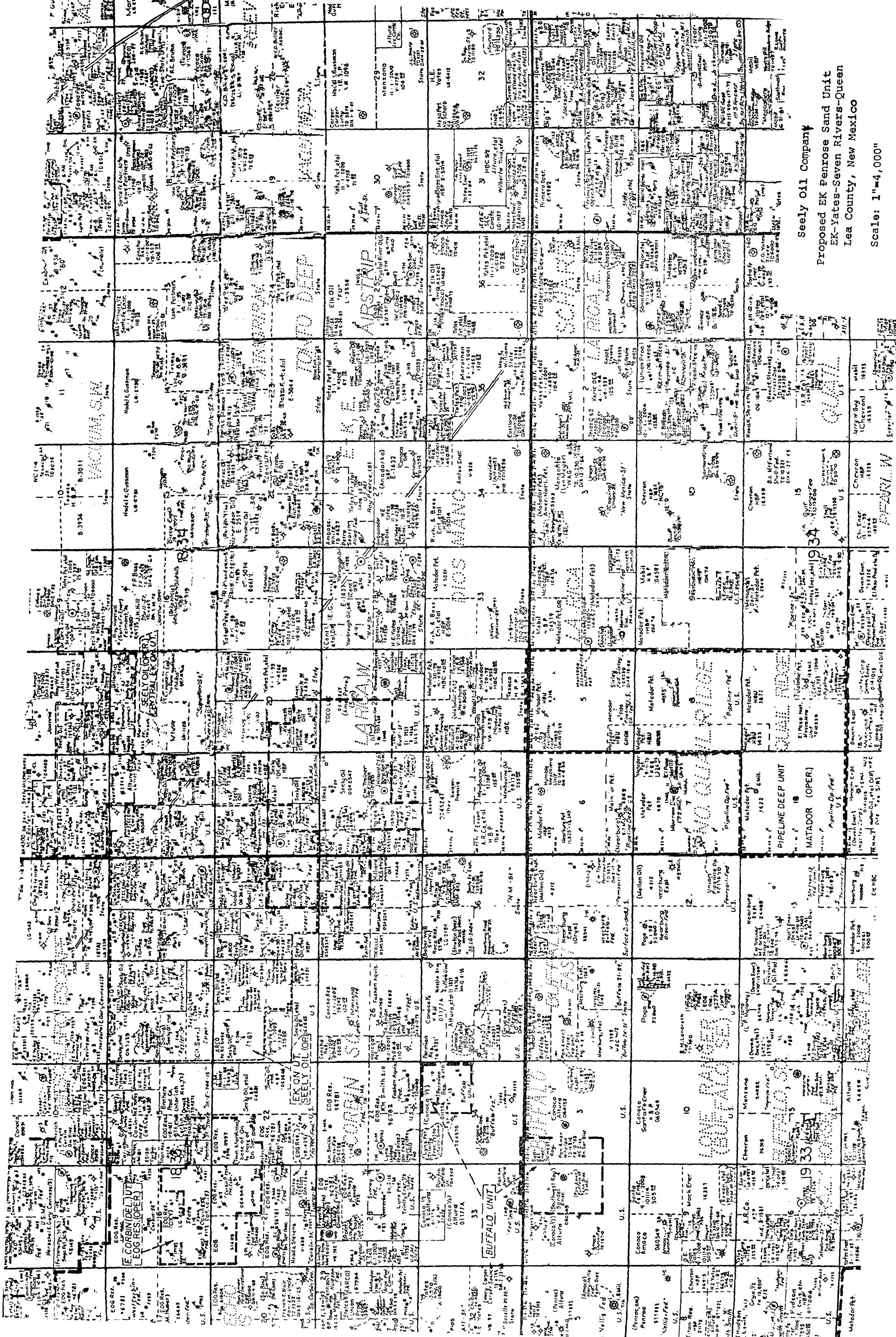
Kaiser Francis
Box 21468
Tulsa, Oklahoma 74121-1468

Case 12964

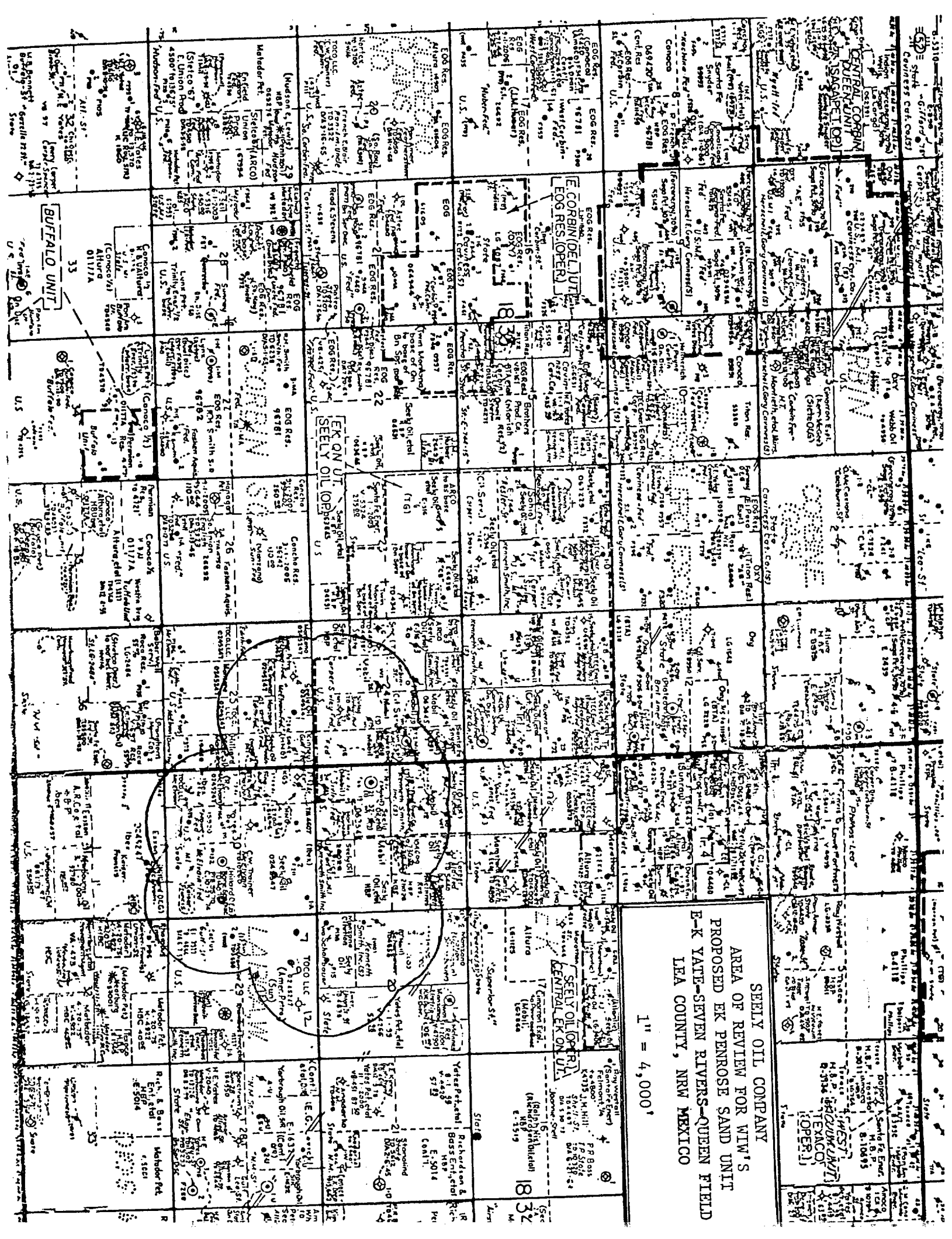
APPLICATION FOR AUTHORIZATION TO INJECT

- I. PURPOSE: ☒ Secondary Recovery ☐ Pressure Maintenance ☐ Disposal ☐ Storage
Application qualifies for administrative approval? ☐ Yes ☒ 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 ☒ 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 Sections VI, VIII, X, and XI above has been previously submitted, it need not be resubmitted. Please show the date and circumstances of the earlier submittal:

DISTRIBUTION: Original and one copy to Santa Fe with one copy to the appropriate District Office



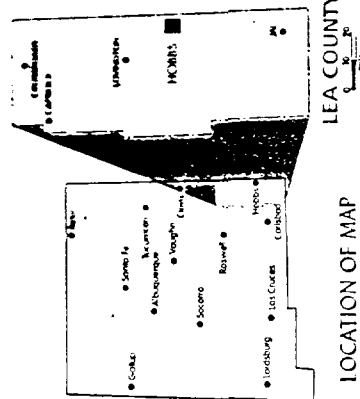
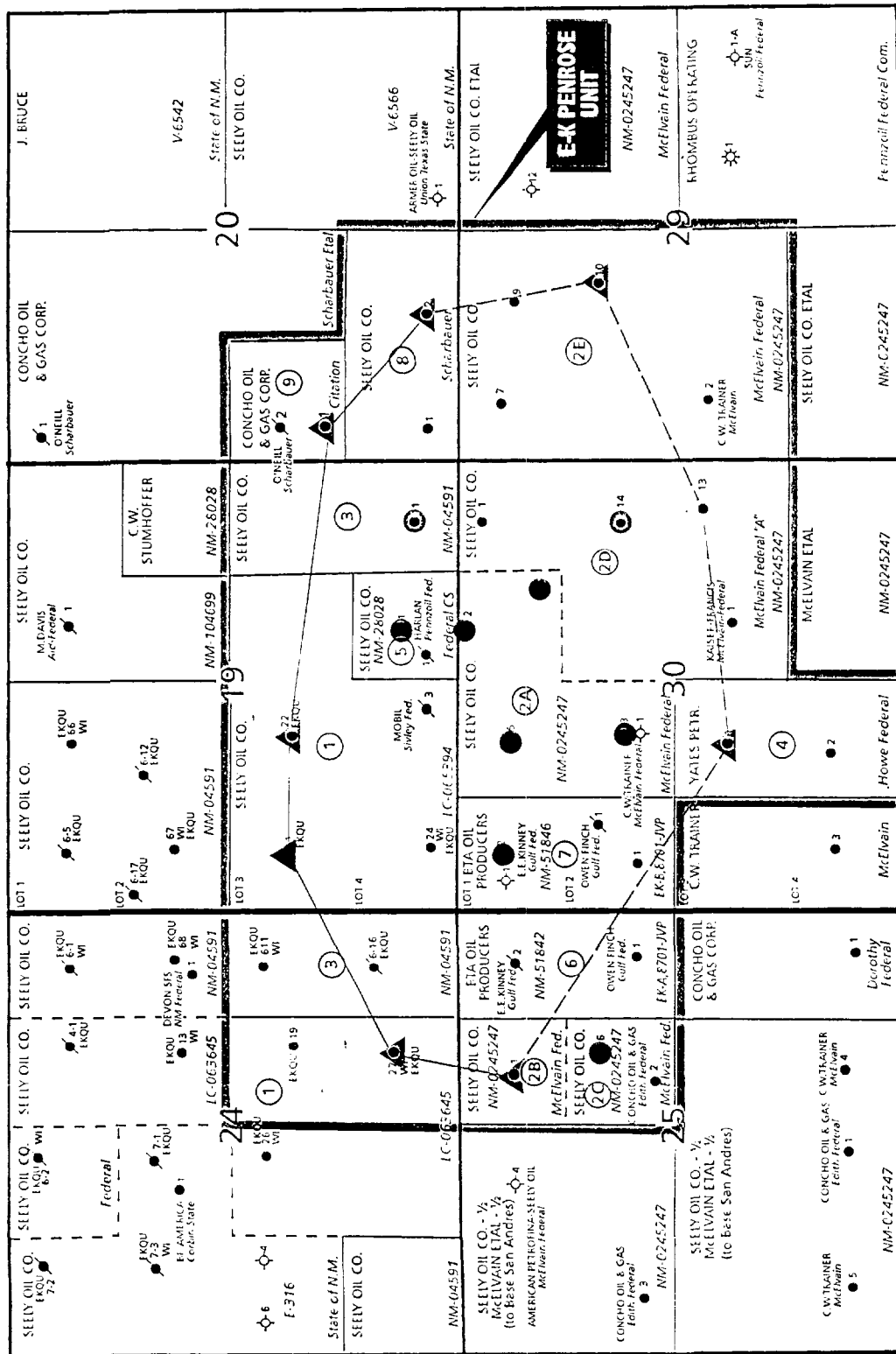
Seely Oil Company
Proposed EK Penrose Sand Unit
EK-Yates-Seven Rivers-Queen
Lea County, New Mexico
Scale: 1"=4,000"



R 33 E

R 34 E

T 18 S



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

UNIT MAP E-K PENROSE SAND UNIT Lea County, New Mexico PLAN OF DEVELOPMENT Latest Revision: 9-9-02

WELL DATA SHEET

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

TUBULAR DATA

SURFACE CASING

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

INTERMEDIATE CASING

SIZE			CEMENTED WITH
TOC			DETERMINED BY
HOLE SIZE			SETTING DEPTH

LONG STRING

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

TOTAL DEPTH 5505 '

PRODUCING INTERVAL

FORMATION	Delaware	POOL OR FIELD	EK (Delaware)
SPUD DATE	4/25/2000	COMPLETION DATE	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

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

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

FORMATION	Delaware	POOL OR FIELD	EK (Delaware)
SPUD DATE	12/8/1986	COMPLETION DATE	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

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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.	LEASE	State "G"
WELL NO.	4	LOC	2310 FSL & 990 FWL
		SECTION	24-18S-33E
		UNIT LETTER	I

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
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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
SPUD DATE 10/31/1984
POOL OR FIELD EK (Bone Spring)
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.
WELL NO. 1
LOC 660 FNL & 660FEL
LEASE Gulf Federal
SECTION 25-18S-33E
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

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	SECTION	25-18S-33E
WELL NO.	2	LOC	2130 FNL & 1980 FEL	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	LEASE	McElvain Federal
WELL NO.	6	LOC	1650 FNL & 1650 FEL
		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	LEASE	EK-A-8701 JV-P
WELL NO.	1	LOC	2103 FNL & 575 FEL
		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	M. O. Davis	LEASE	Aid Federal	SECTION	19-18S-34E
WELL NO.	1	LOC	660 FNL & 1980 FEL	UNIT LETTER	b

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	4 1/2	9.5 lbs/ft	CEMENTED WITH	230
TOC	3700		DETERMINED BY	Calculated Est.
HOLE SIZE	7 7/8		SETTING DEPTH	4650

TOTAL DEPTH 5400

PRODUCING INTERVAL

FORMATION		POOL OR FIELD
SPUD DATE		COMPLETION DATE

PERFORATED	FEET TO	FEET
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STIMULATION

OTHER PERFORATED ZONES
Queen 4452-92

CURRENT STATUS

OF THE WELL P & A

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

--

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	SECTION	19-18S-34E
WELL NO.	3	LOC	2310 FWL & 343 FSL	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 Penzoid 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 Circulation
HOLE SIZE 12 1/4 SETTING DEPTH 255

INTERMEDIATE CASING

SIZE CEMENTED WITH
TOC DETERMINED BY
HOLE SIZE 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

--

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
WELL NO. 2
LOC 2080 FSL & 330 FWL
LEASE Scharbauer Cattle Co.
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

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-Quer
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

--

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	LEASE	Armer State
WELL NO.	1	LOC	330 FSL & 2260 FEL
		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
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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

OPERATOR Seely Oil Company
WELL NO. 12
LOC 760' FNL&2020FEL
LEASE McElvain Federal
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 CEMENTED WITH
TOC DETERMINED BY
HOLE SIZE SETTING DEPTH

LONG STRING

SIZE CEMENTED WITH
TOC DETERMINED BY
HOLE SIZE SETTING DEPTH

TOTAL DEPTH 6200

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

WELL DATA SHEET

OPERATOR	Seely Oil Company	LEASE	McElvain Federal
WELL NO.	9	LOC	660' FNL & 1830' FWL
		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	POOL OR FIELD	EK (Delaware)
SPUD DATE	8/19/2001	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

--

WELL DATA SHEET

OPERATOR	Seely Oil Company	LEASE	McElvain Federal
WELL NO.	7	LOC	660' FNL & 525'FWL
		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-Quer
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

--

WELL DATA SHEET

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

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-Quer
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

--

WELL DATA SHEET

OPERATOR	WTG Exploration	LEASE	Penzoil "A" Federal
WELL NO.	1	LOC	1980 FSL & 660 FEL
			SECTION
			UNIT LETTER

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	Penzoil 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

--

WELL DATA SHEET

OPERATOR	Seely Oil Company	LEASE	McElvain Federal
WELL NO.	A #1	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

--

WELL DATA SHEET

OPERATOR	Seely Oil Company	LEASE	McElvain Federal
WELL NO.	2	LOC	.5 FNL & 1980 FEL
			SECTION
			UNIT LETTER

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

--

WELL DATA SHEET

OPERATOR Seely Oil Company
WELL NO. 5
LOC 660 FNL & 3300 FEL
LEASE McElvain Federal
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
SPUD DATE 4/29/1957
POOL OR FIELD EK Yates-Seven Rivers-Quei
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

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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	LEASE	8701 JV-P EK "B"
WELL NO.	1	LOC	2130 FNL & 625 FWL
		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	LEASE	Gulf Federal	SECTION	30-18S-34E
WELL NO.	1	LOC	1650 FNL & 907 FWL	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
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	LEASE	McElvain Federal
WELL NO.	3	LOC	2310 FNL & 2290 FWL
		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	POOL OR FIELD	EK Yates-Seven Rivers-Que
SPUD DATE	3/1/1956	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

LEASE McElvain Federal
LOC 2086 FNL & 2002 FWL 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
------------	---------	------

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 CO2, & 132k lbs 20/40 sand

OTHER PERFORATED ZONES

CURRENT STATUS

OF THE WELL Producing

IF P&A, LIST PLUGGING DETAILS

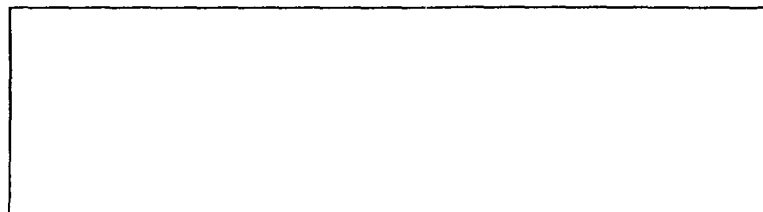
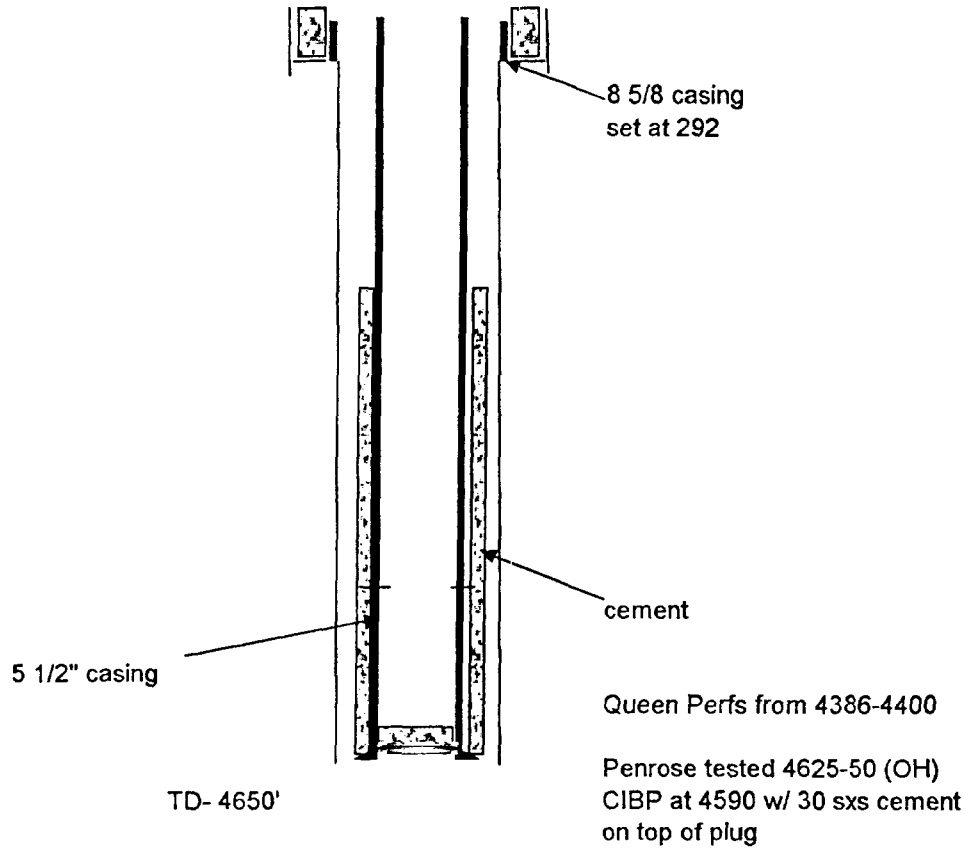
--

OPERATOR Seely Oil Company
WELL NO. 19

LOC

LEASE EK Queen Unit
1980 FSL & 1650 FEL SECTION 24-18S-33E
UNIT LETTER j

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

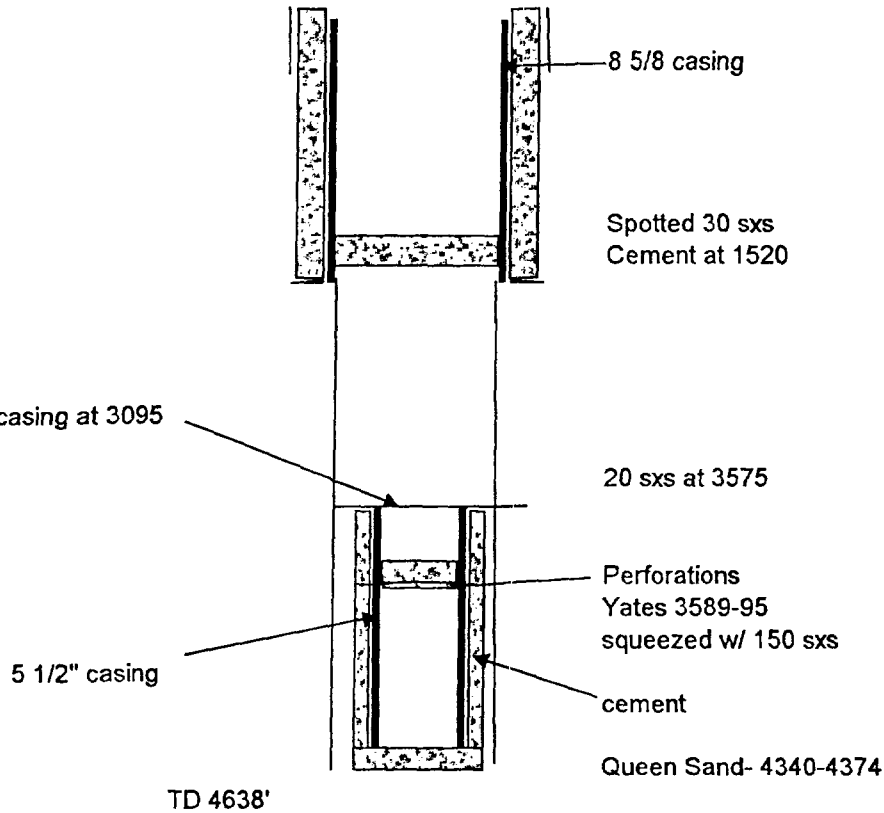


OPERATOR Texas Gulf Prod.
WELL NO. 4

LOC 2310 FSL & 990 FWL

LEASE State "G"
SECTION 24-18S-33E
UNIT LETTER I

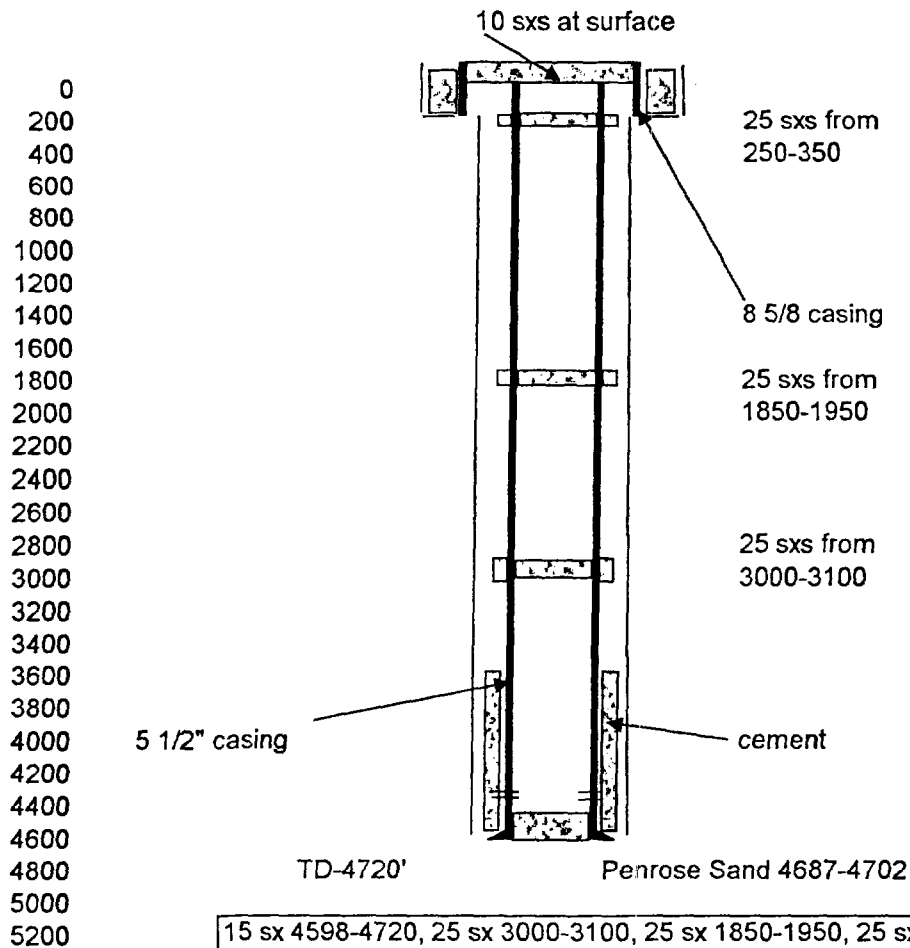
0
200
400
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800
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1200
1400
1600
1800
2000
2200
2400
2600
2800
3000
3200
3400
3600
3800
4000
4200
4400
4600
4800
5000
5200



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 Chiles Drilling Co.
WELL NO. 1

LOC 660 FNL & 660FEL
LEASE Gulf Federal
SECTION 25-18S-33E
UNIT LETTER a



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

OPERATOR M. O. Davis
WELL NO.

1

LOC

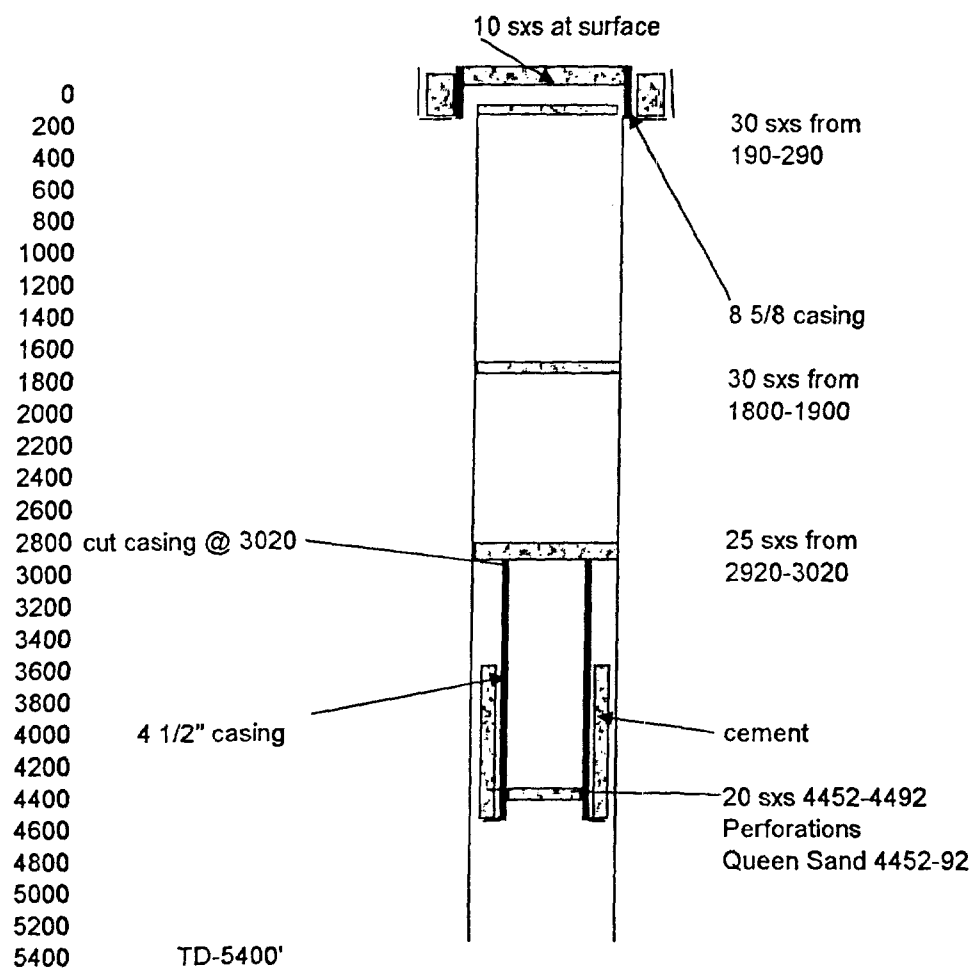
LEASE Aid Federal

660 FNL & 1980 FEL

SECTION

19-18S-34E

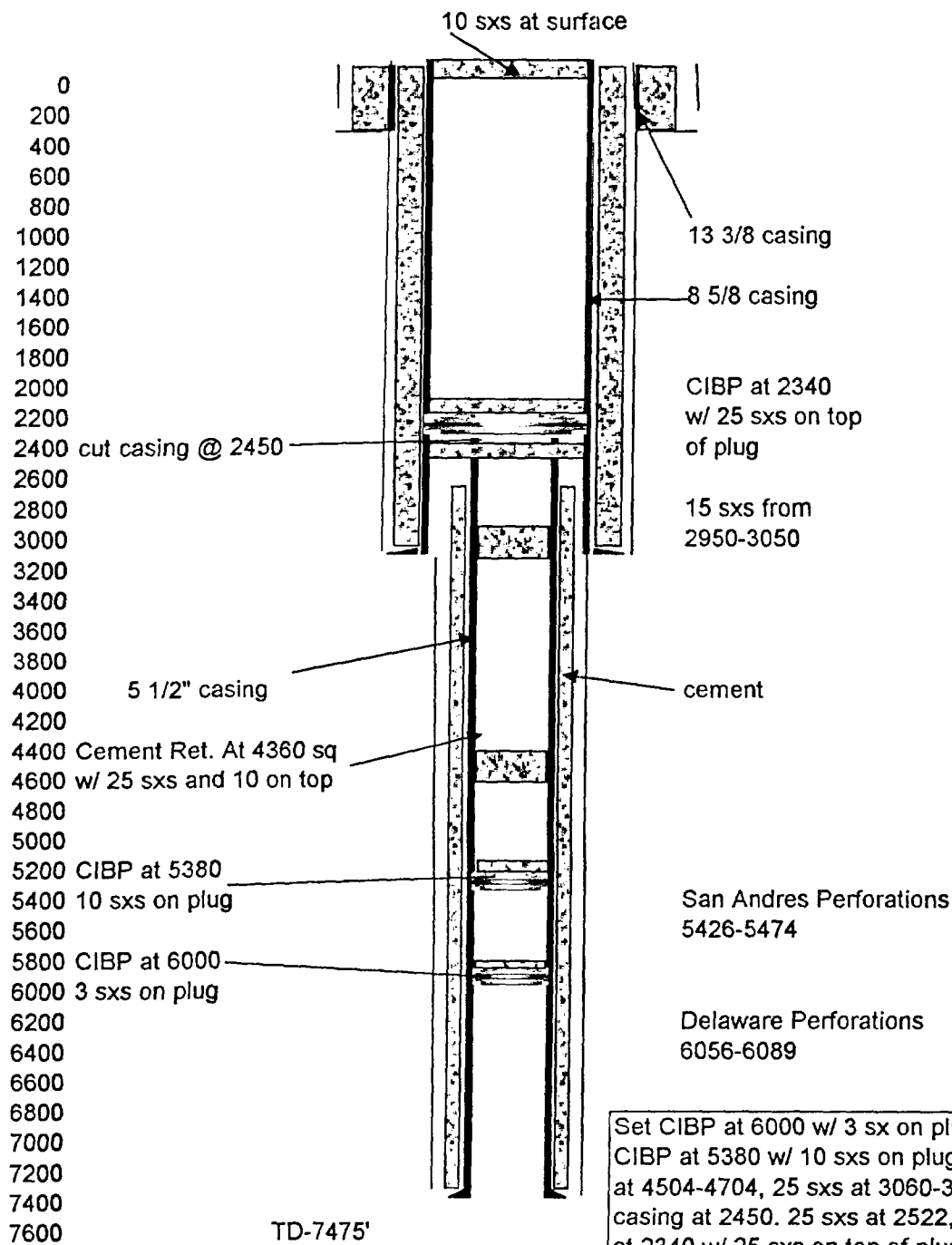
UNIT LETTER b



20 sxs 4452-4492, cut casing @ 3020. 30 sxs 2920-3020, 30 sxs 1800-1900, 30 sxs 190-290, 10 sxs at surface

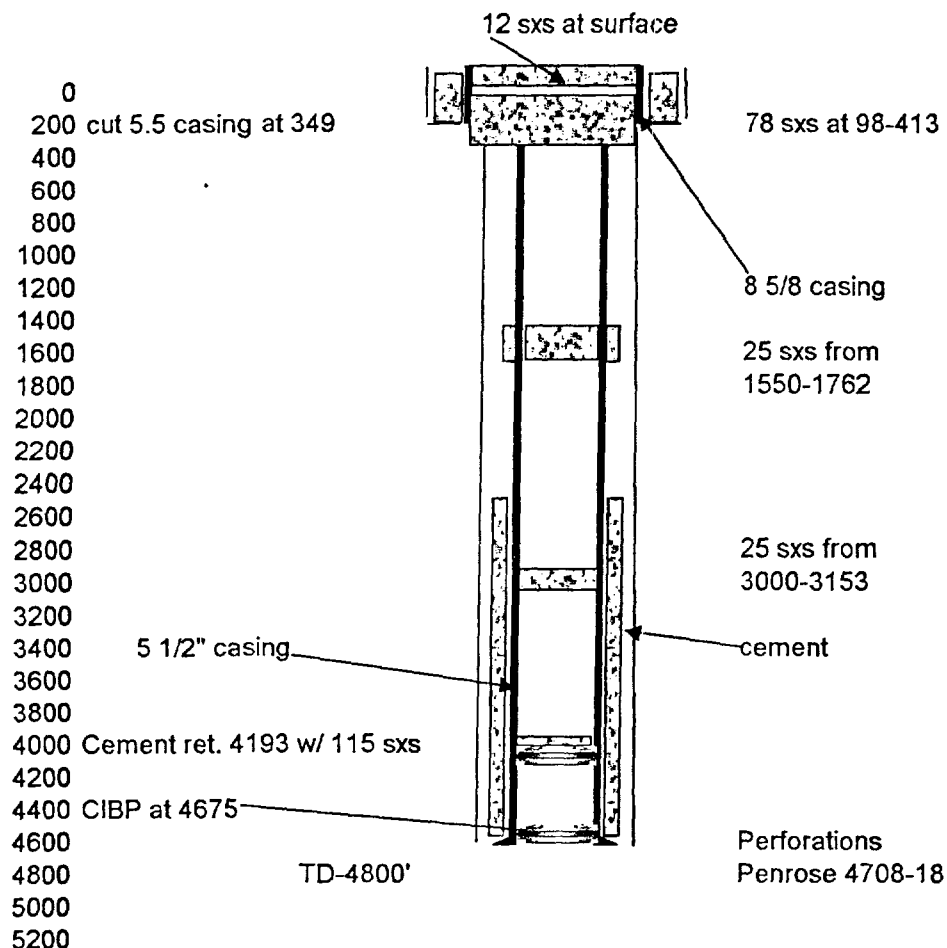
OPERATOR Santa Fe Energy
WELL NO. 1

LEASE Mc Alpine Federal
LOC 1830 FNL & 660 FWL SECTION 19-18S-34E
UNIT LETTER e



OPERATOR Mobil Oil Corp.
WELL NO. 3

LEASE Silvey Federal
2310 FWL & 343 FSL
LOC SECTION 19-18S-34E
UNIT LETTER n



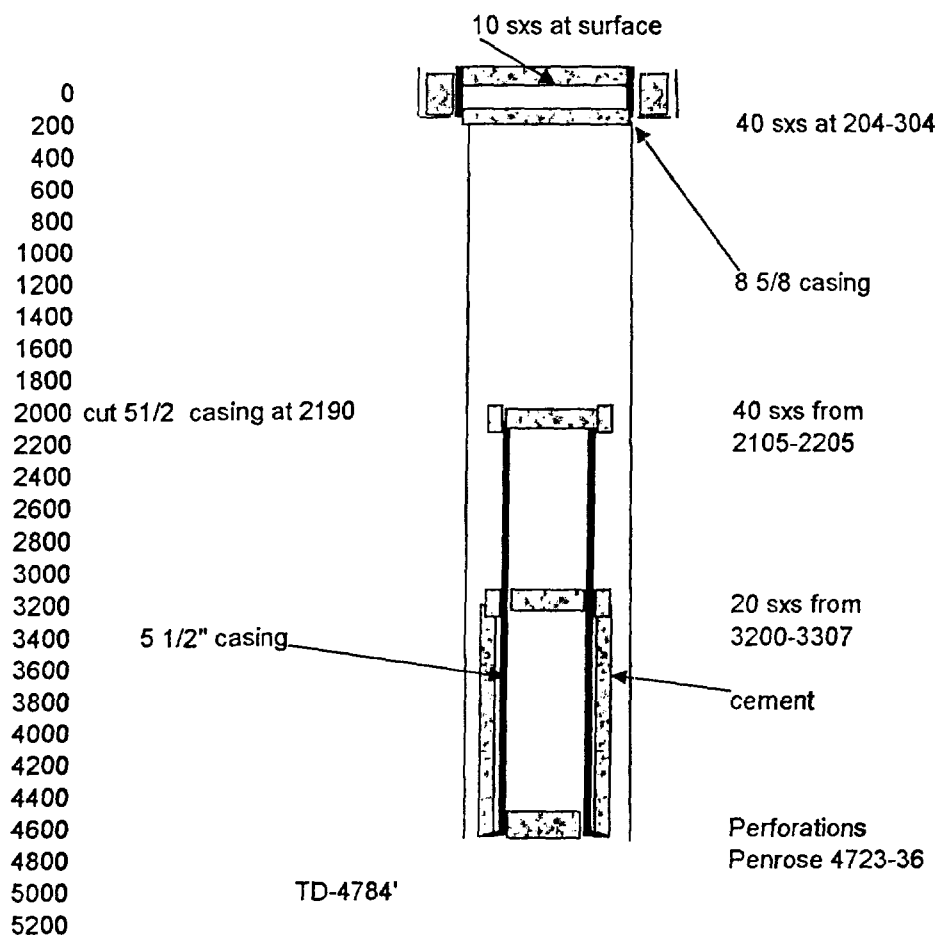
CIBP at 4675 w/ 10 gal hydromite on plug. Set cement ret. 4193. Squeeze w/ 115 sxs. 25 sxs at 3000-3153, 25 sxs at 1550-1762. cut casing at 349. spotted 78 sxs 98-413. 12 sx at surface

OPERATOR Hanson Oil
WELL NO. 1

LOC

LEASE Penzoil Federal
330 FSL & 2310 FEL

SECTION 19-18S-34E
UNIT LETTER o

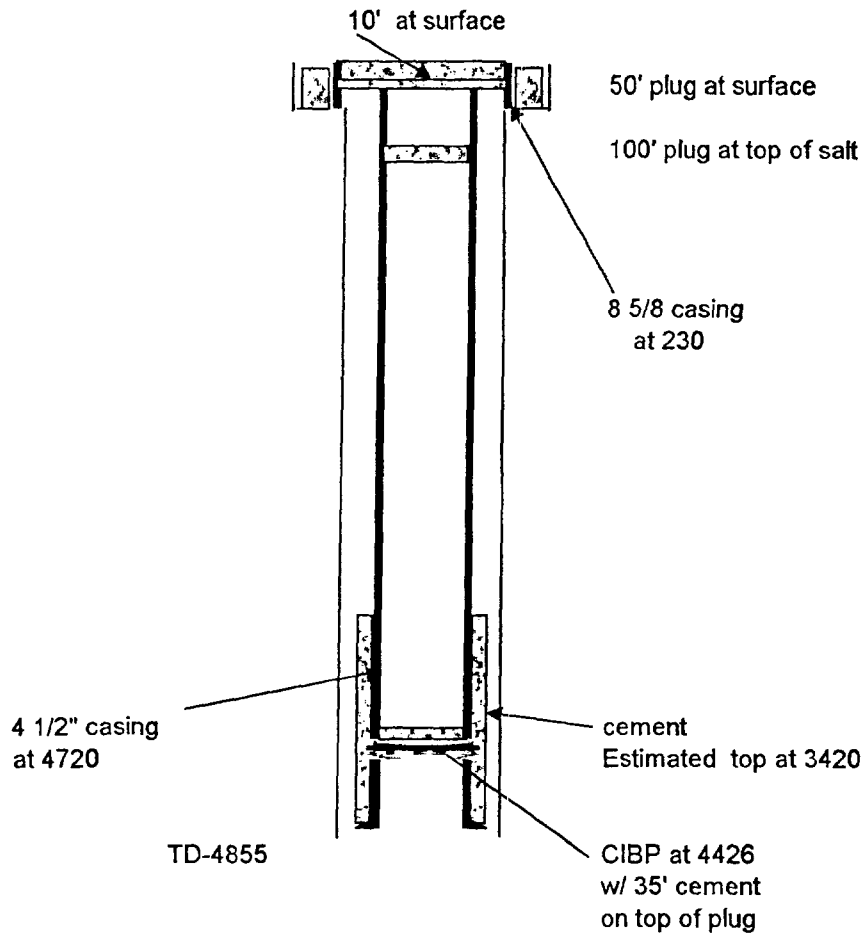


20 sxs at 4600-4702, 20 sxs at 3200-3307, cut casing at 2190, 40 sxs at 2105-2205, 40 sxs 1609-1709, 40 sxs 204-304, 10 sxs at surface

OPERATOR Joseph I. Oneil
WELL NO. 2

LEASE Scharbauer Cattle Co.
330 FNL & 330 FWL SECTION 20-18S-34E
UNIT LETTER I

0
200
400
600
800
1000
1200
1400
1600
1800
2000
2200
2400
2600
2800
3000
3200
3400
3600
3800
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5400
5600
5800
6000
6200
6400
6600
6800
7000



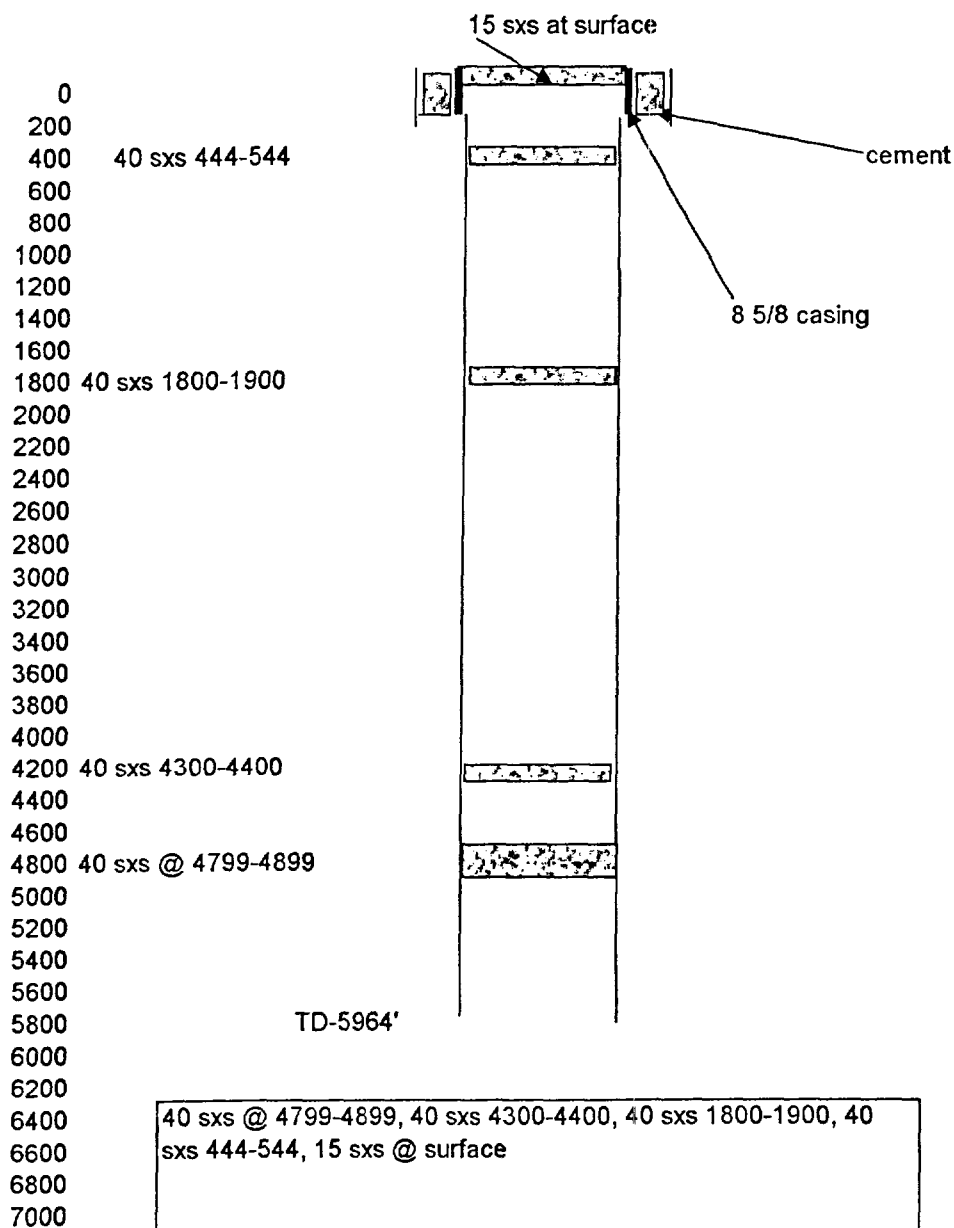
CIBP at 4426 w/ 35' cement on top. 100' cement plug top of salt inside 4 1/2 casing
50 cement plug at surface. 10' plug at surface

OPERATOR Seely Oil Company
WELL NO. 1

LOC

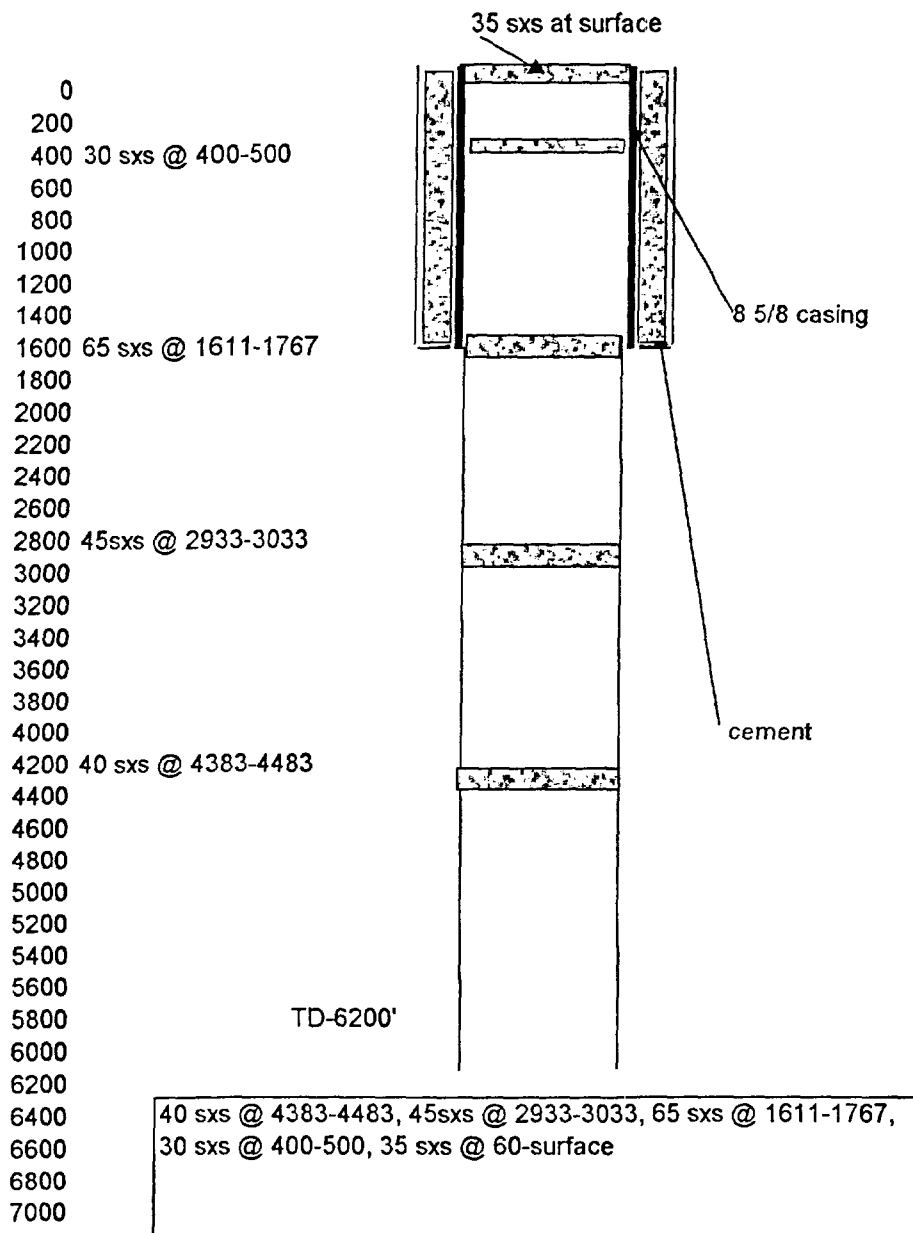
LEASE Armer State
330 FSL & 2260 FEL

SECTION 20-18S-34E
UNIT LETTER o



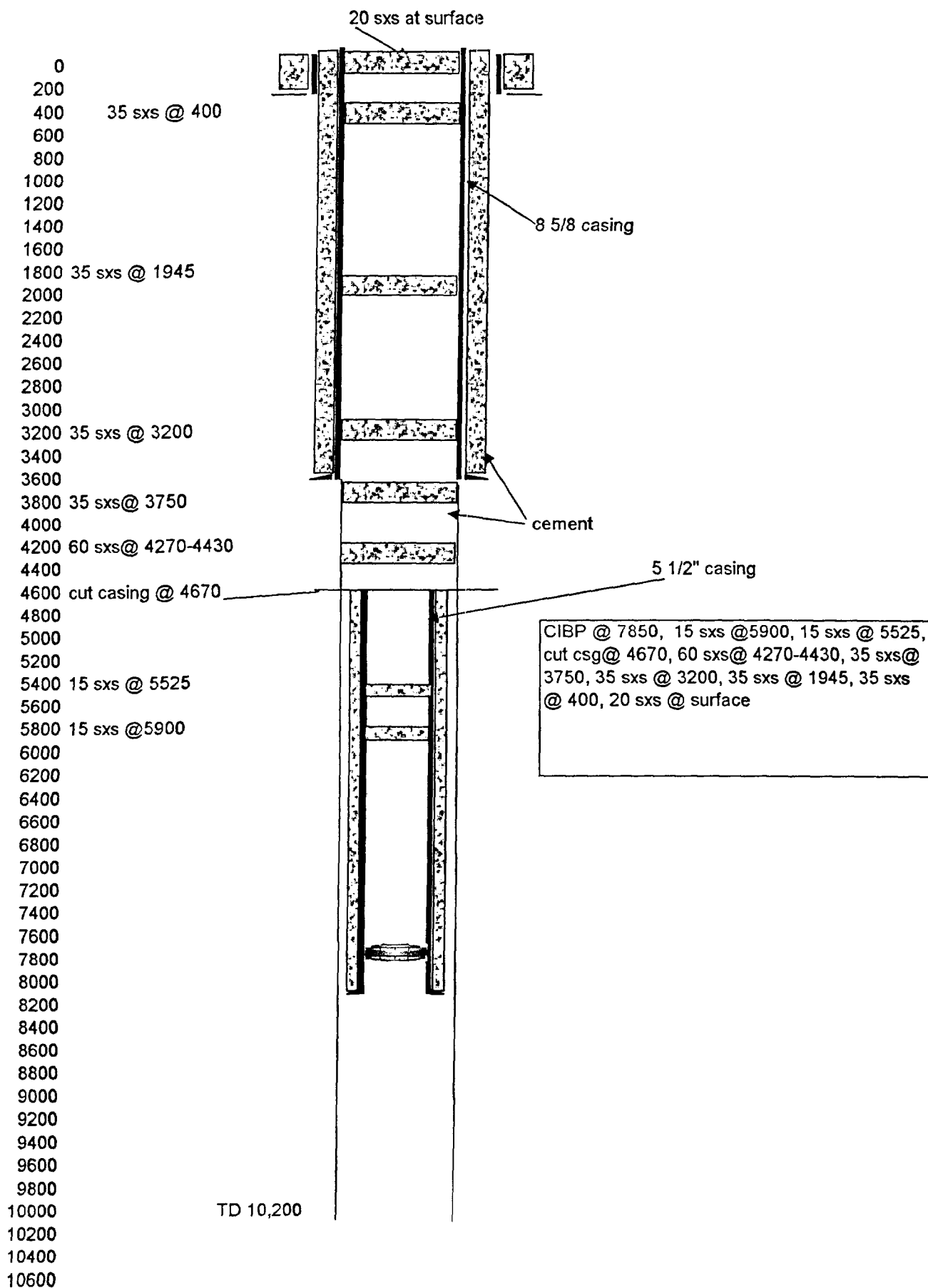
OPERATOR Seely Oil Company
WELL NO. 12

LEASE McElvain Federal
LOC 760' FNL&2020FEL SECTION 29-18S-34E
UNIT LETTER b



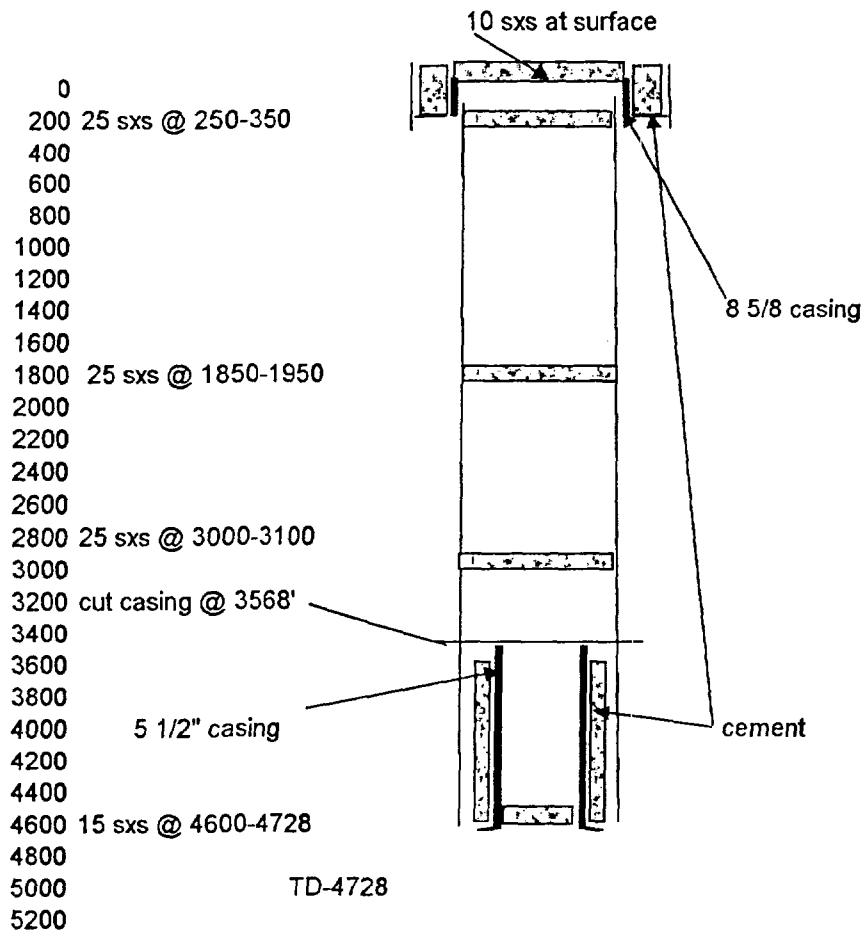
OPERATOR WTG Exploration
WELL NO. 1

LEASE Penzoil "A" Federal
LOC 1980 FSL & 660 FEL SECTION 29-18S-34E
UNIT LETTER i



OPERATOR Chiles Drilling Co.
WELL NO. 2

LEASE Gulf Federal
560 FNL & 1618 FWL SECTION 30-18S-34E
UNIT LETTER d



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 C. W. Trainer
WELL NO. 1

LOC

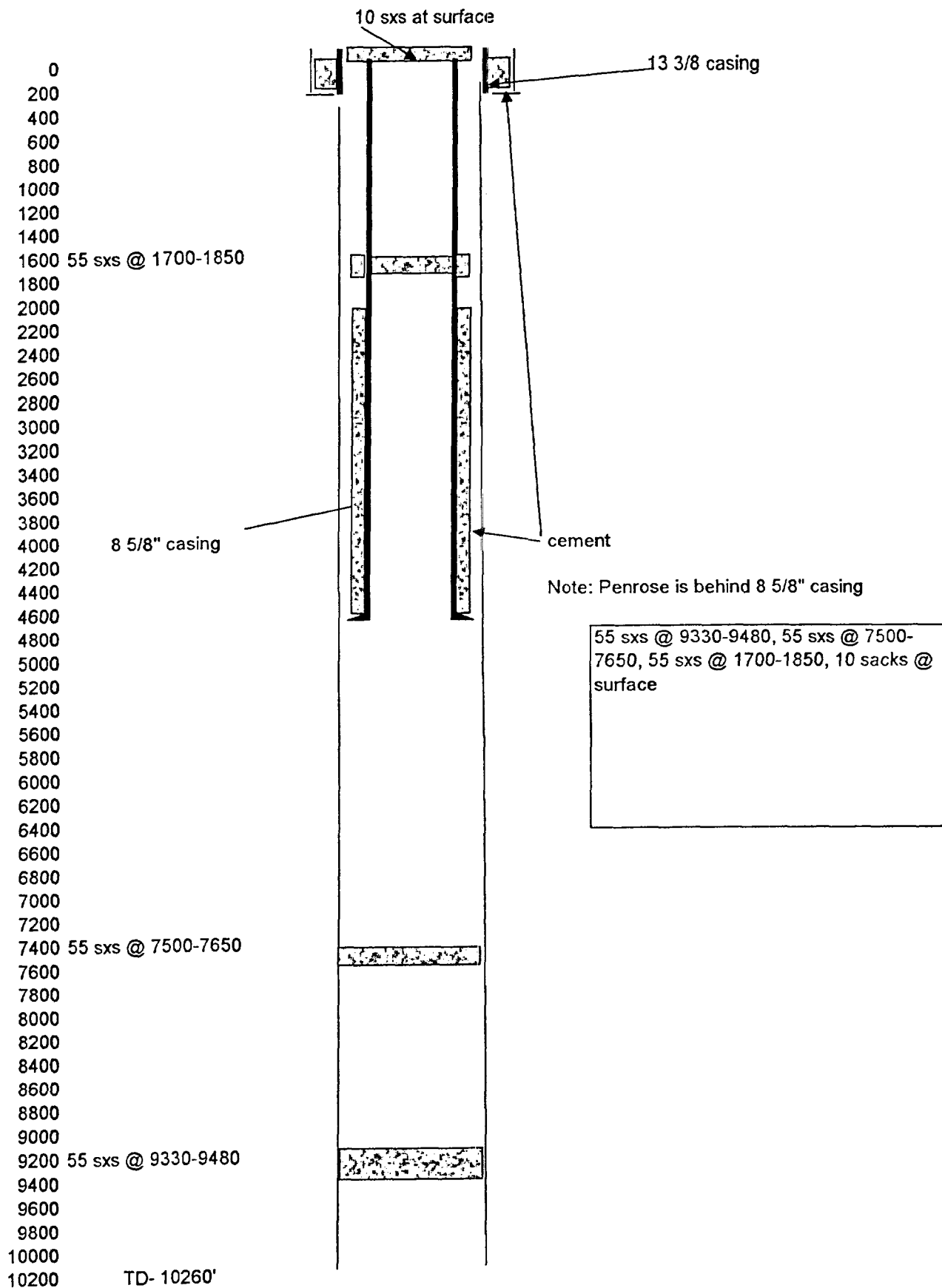
LEASE McElvain Federal

2086 FNL & 2002 FWL

SECTION

30-18S-34E

UNIT LETTER f



OPERATOR Seely Oil Company
WELL NO. 27

LOC

LEASE EK Queen Unit

990 FSL & 1980 FEL

SECTION

24-18S-33E

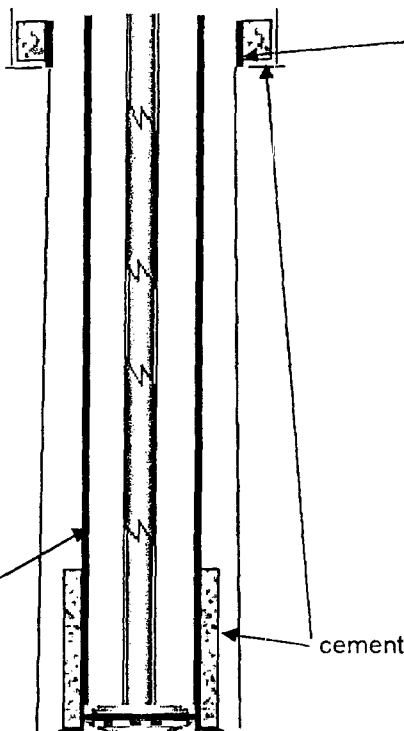
UNIT LETTER 0

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

5 1/2" casing
set at 4657

TOC at 3600' calculated
by estimate

T.D. @ 4657



8 5/8" Surface Casing
set at 290' w/ cement circulated

cement

Squeeze Queen Perfs from 4370-97
Drill out CIBP at 4575
Run 2 3/8" plastic lined tubing
Set Injection Packer at 4575

Penrose- 4628-4634

WELL DATA SHEET

OPERATOR Seely Oil Company
WELL NO. 27
LOC 990 FSL & 1980 FEL
LEASE EK Queen Unit
SECTION 24-18S-33E
UNIT LETTER 0

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)

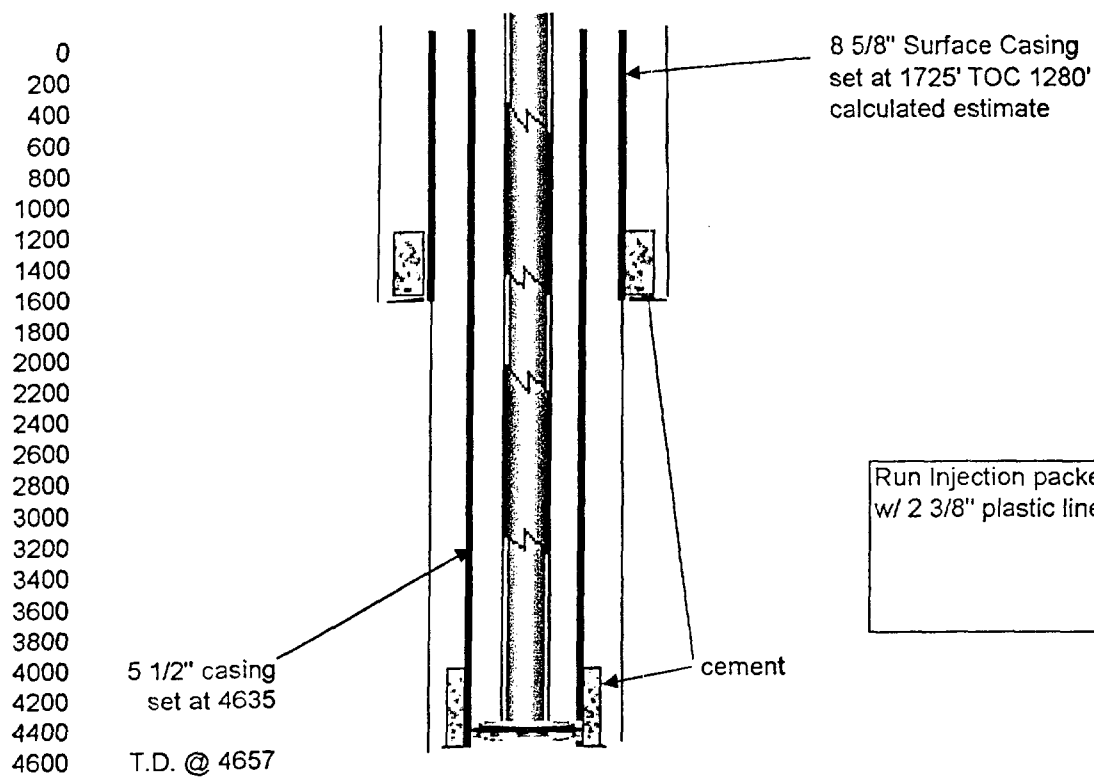
Additional Data

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'

OPERATOR Seely Oil Company
WELL NO. 1

LOC

LEASE McElvain Federal
660 FNL & 1980 FEL SECTION 25-18S-33E
UNIT LETTER b



Penrose- 4637-57(OH)

WELL DATA SHEET

OPERATOR	Seely Oil Company	LEASE	McElvain Federal
WELL NO.	1	LOC	660 FNL & 1980 FEL
		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	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. 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)

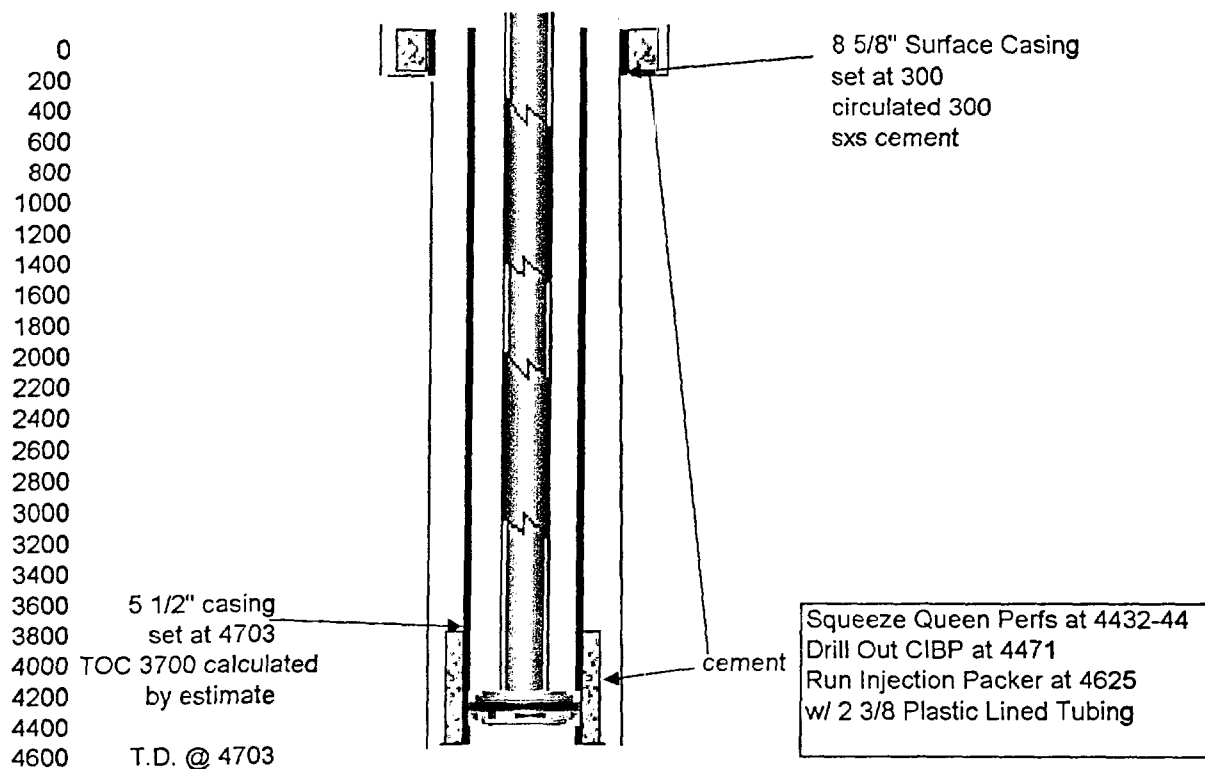
Additional Data

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'

OPERATOR Seely Oil Company
WELL NO. 22

LOC

LEASE EK Queen Unit
1980 FSL & 1897 FW SECTION 19-18S-34E
UNIT LETTER k



Penrose- 4678-4686

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

--

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 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 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

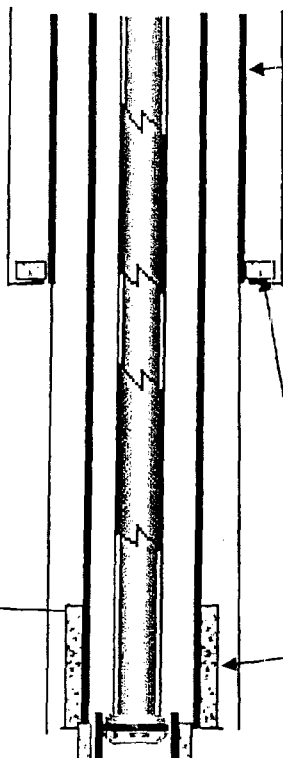
1980 FSL & 660FSL

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

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'

OPERATOR Concho Oil & Gas
WELL NO. 1

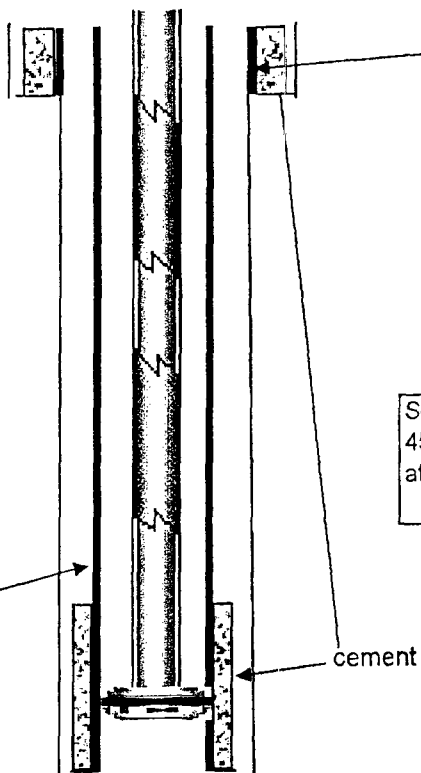
LOC

LEASE Citation
1650 FSL & 330 FWL

SECTION 20-18S-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

5 1/2" casing
set at 4838
TOC 3755' calculated
by estimate
TD- 4875'



8 5/8" Surface Casing
set at 422'
circulated 275
sxs cement

Squeeze Queen Perforations from
4573-90 Run Injection packer(AD-1)
at 4740 w/ 2 3/8" plastic lined tubing

cement

Penrose- 4814-4822

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'

OPERATOR Seely Oil Company
WELL NO. 2

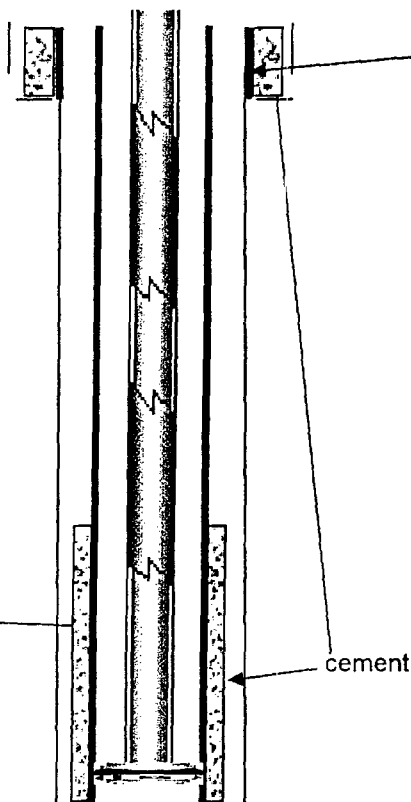
LOC

LEASE Scharbauer
330 FSL & 1650 FWL

SECTION 20-18S-34E
UNIT LETTER n

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

4 1/2" casing
set at 4820
TOC 3200 calculated
by estimate
T.D. @ 4820



Squeeze Queen Perfs at 4474-82
Drill Out CIBP
Run Injection Packer(AD-1)
at 4675 w/ 2 3/8 Plastic Lined
Tubing

Penrose- 4746-64

WELL DATA SHEET

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

--

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)

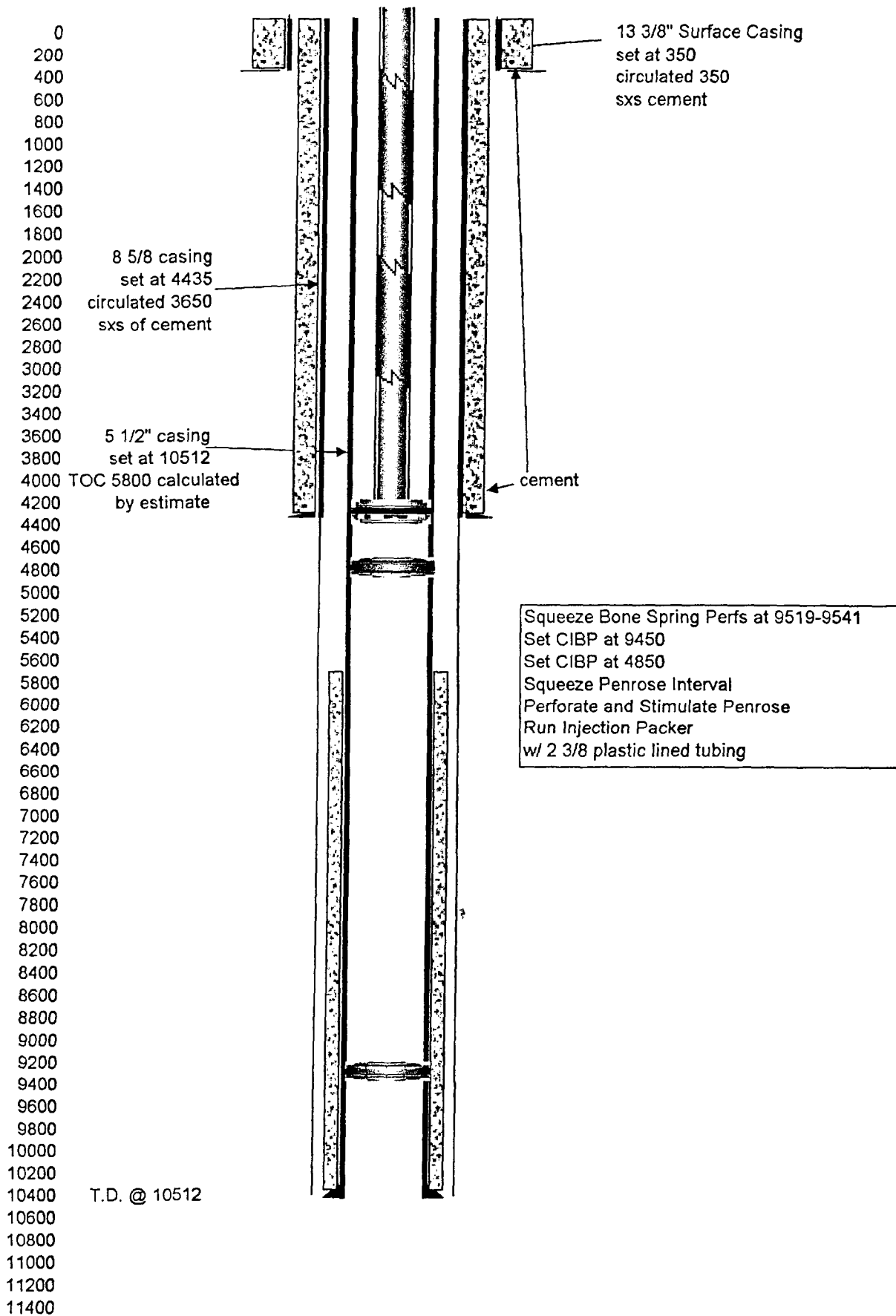
Additional Data

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'

OPERATOR Yate Petroleum
WELL NO. 1

LOC

LEASE Howe "TG" Federal
1980 FSL & 1830 FWI SECTION 30-18S-34E
UNIT LETTER k



WELL DATA SHEET

OPERATOR Yate Petroleum
WELL NO. 1
LOC 1980 FSL & 1830 FWL
LEASE Howe "TG" Federal
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'

CASE 12964

Application of Seely Oil Company for approval of a waterflood project and qualification of the Project Area for the Recovered Oil Tax rate pursuant to the Enhanced Oil Recovery Act, Lea County, New Mexico. Applicant in the above-styled cause, seeks approval of its EK Penrose Sand Unit Waterflood Project by injection of water into the San Andres formations through 9 injection wells located in the following described area:

TOWNSHIP 18 SOUTH, RANGE 33 EAST, NMPM

Section 24: SE/4

Section 25: NE/4

TOWNSHIP 18 SOUTH, RANGE 34 EAST, NMPM

Section 19: S/2

Section 20: S/2 SW/4, NW/4 SW/4

Section 29: NW/4, N/2 SW/4

Section 30: N/2, N/2 SE/4, E/2 SW/4

The applicant requests that the Division establish procedures for the administrative approval of additional injection wells within the unit area without the necessity of further hearings and the adoption of any provisions necessary for such other matters as may be appropriate for said waterflood operations.

Said area is located approximately 14 miles southwest of Lovington, New Mexico.