#### SEELY OIL COMPANY

BIS WEST TENTH STREET FURT WORTH, TEXAS 70109

#### OIL CONSERVATION DIVISION FORM-108

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

Case 1296# 3

#### 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.
- 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

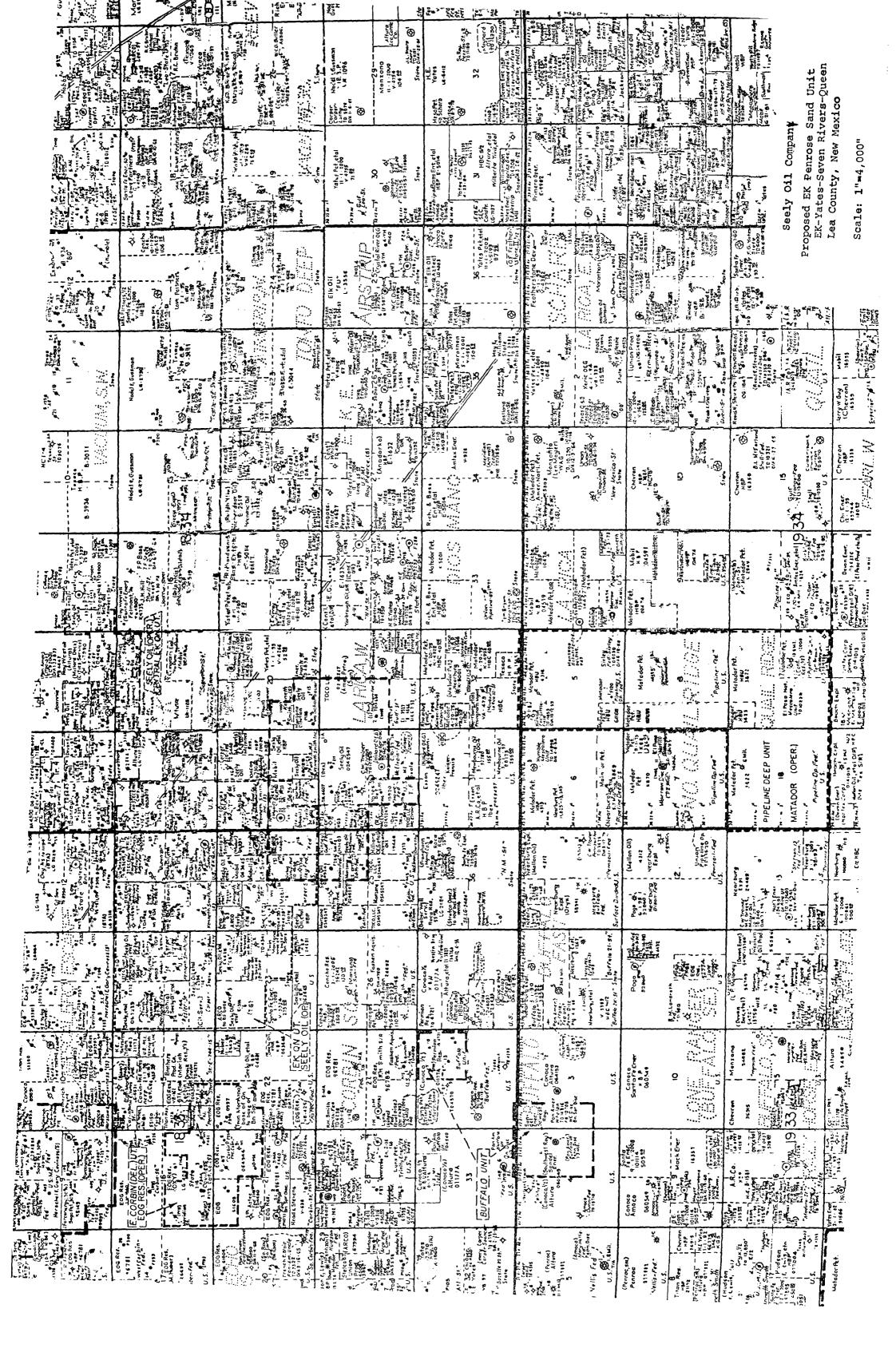
C. W. Trainer
P. O. Box 754
Midland, Texas 79702

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

Kaiser Francis Box 21468 Tulsa, Oklahoma 74121-1468 Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, New Mexico 87505 FORM C-108
Revised 4-1-98

APPLICATION FOR AUTHORIZATION TO INJECT

I.	PURPOSE: X Secondary Recovery Pressure Maintenance Disposal Storage
1.	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:
*VIII	<ol> <li>Proposed average and maximum daily rate and volume of fluids to be injected;</li> <li>Whether the system is open or closed;</li> <li>Proposed average and maximum injection pressure;</li> <li>Sources and an appropriate analysis of injection fluid and compatibility with the receiving formation if other than reinjected produced water; and,</li> <li>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.).</li> <li>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</li> </ol>
	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.
	Certification: I hereby certify that the information submitted with this application is true and correct to the best of my knowledge and belief.
	NAME:
	SIGNATURE: Nant Date: 10/10/02
ı	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:



8m   1 2 m 2	5) •	The same of the sa	Service of the servic	
Hudson e, Lewiss and a loss was the state of the loss	Months and the second s	EOG RE  LIMBOON DE LETT 196781  LIMBOON DE LETT 196781  LIMBOON DE LETT 196781  LIMBOON DE LETT 196781  LIMBOON DE LETT 196081		Control Contro
(Nudson e, Lewis) and analysis with the second of the seco	20 (25.25)	EOG RES. AS CALLED TO STATE OF THE PROPERTY OF		MES - 1 PROSE DE 1
Carry (a Car	EOORGE THE CONTROL OF THE CONTROL O		•	
BUT	LICOS  LI	E.CORBIN (DEL.) UTELL EOG RES. (OPER.) JULIEU EOG RES.	Herschell Cong Conness (Cong Conness (Cong Conness (Cong Conness (Cong Conness (Conness (Conn	
BUFFALO UNIT	27	N(OEL.) S.(OPER.) S.(OPER.) FOR THE STATE OF	1. 18 1. 18 1. 18 1. 18 2. 18 2. 18 2. 18 2. 18 2. 18 2. 18 2. 18 2. 18 2. 18 2. 18 2. 18 2. 18 2. 18 2. 18 2.	Maria le de Maria
ALO UNIT	EOG COCKET		Gentlers (S)	
	EOG  LUCY  COLLEGE  OCLASA  COLLEGE  OCLASA  COLLEGE  OCLASA  COLLEGE  OCLASA	Control of Section (1)  Contro		Common Est.  Commo
EOG PARTIES TO SERVICE	20 P 9 P 9 P 9 P 9 P 9 P 9 P 9 P 9 P 9 P	The Court of	Cocco Since Re-	Property of the state of the st
	SEE CO.	History Control of the Control of th	San	The same of the sa
And	1 2 5 5 5	7-77-77		Section Sectio
	(16)		ECONTROL ACTION OF THE PROPERTY OF THE PROPERT	
A A A A A A A A A A A A A A A A A A A		A COLUMN TO THE PARTY OF THE PA	Tion Res	
1.3 Q. F1				
Carlo Service		Constitution of the second sec	23 2 11 2 C	A STATE OF THE STA
Something states			A CONTRACTOR OF THE PARTY OF TH	
		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		Separate Sep
- おと	= 35 mm E434 5 5%	All was property of the second		Symmetry Comments of the Comme
Seevall	22L		E-	
	Services Ser		ARE PROPOS E-K YAI	
1	5 0 1 - 0 11 1		SEEI A OF ED EH E-SEN A COI	IB 23-44 122
	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Replace Services	REVII REVII K PENI VEN R. UNIY,	
Recht & Bessel	STES	VSamue Fellows  PSamue Fellows  Fellows  Fellows  Shell  Shell  John Samue  Jo	SEELY OIL COMPANY AREA OF REVIEW FOR WIW'S PROPOSED EK PENROSE SAND UNIT -K YATE-SEVEN RIVERS-QUEEN FI LEA COUNTY, NRW MEXICO  1" = 4,000'	3. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			PANY R WIW SAND QUEE MEXIC	TEXACO (CPER)
Condition of the second of the			TS UNIT IN FIELD	
1170 m _ ER 131	STEP LE	F. 3.3	TD	

Wells to be Plugged-Back for Production 18 Consolitederal KHOMBUS OFF KATING Fennzoil federal Com. McElvain Federal SELY OIL CO. FTAI NM-0245247 State of N.M. SEELY OIL CO. State of N.M. J. BRUCE ARMER CHL-SEETY OIL
Union Texas State

1 Scharbauer Etal NM-0245247 SEEY OIL CO. ETAL McElveir, Federal & GAS CORP. NM-C245247 TIO OHONO) KELY OIL CO. R 34 E SEELY OIL CO Scharbaue (ZE) Citation CO. CONCHO OIL

& GAS CORP.

C'NEIL

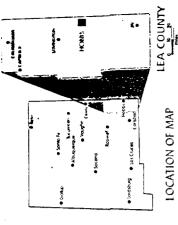
\$ charfauer

\$ charfauer © 2 C W. Thainer McEivain O'NEILL Scharbauer SELLY OIL CO. SEELY OIL CO. NM-25028 C.W. STUMHOFFER **.** NM-04591 Ó  $\odot$ McElvain Federal "A" McELVAIN ETAL NM-0245247 NM-0245247 SEELY OIL CO. 1 NM-104699 S IN HARLAN SEELY OIL CO. NM-28028 Mcfivein Federal 30 SEELY OIL CO. NM-0245247 Howe Federal 6 iroc SELLY OIL CO. 0 4 6.12 1KQU 101 3 EELY OIL CO. NM-04591 es Will EKQU 11 ETA OIL PRODUCERS E.E.KINNEY GOIT FEG. NIM-51846 IK-B.8781-JVP McElvain **7** (3) 1014 SEETY OIL CO. SEETY OIL CO. SEETY OIL CO. SEETY OIL CO. 1K-A, E701-JVP CONCHO OIL S GAS CORP. EKOU DEVONSFS EKOU 

13 NM Fractal 68

M 1 W 1 W 1 W 1 C-063645 NM-04591 FTA OIL PRODUCERS NM-04591 NM-51842 Derothy Lederal t KQU McHvain Fed. McElvain Fed. SEELY DIL CO. 245247 SELLY OIL CO. (20) 61 EXOC @ 19 CONCHO OIL & GAS C WJRAINER
Edith Federal McEivain

1 R 33 E NMO **E** \$645 SEELY OIL CO. - V. McELVAIN ETAL - V. (to base San Andres) SELIY OII CO. - ½ McEIVAIN ETAL - ½ (to Base San Andres) - ↔ federal - 1 AMERICAN PETROFINE-SEELY OIL MCEIVEN: FEGERAL NM-0245247 NM-0245247 <del>ڳ</del> CONCHO OIL & GAS Edith Federal SEELY ON CO. State of N.M. NM-04591 F-316



. L

### **EK Penrose Sand Unit** LEGEND

Wells to be Deepened for W.I. Wells to be Converted to W.I.

Wells to be Drilled for W.I.

Wells to be Re-entered for Production Current Penrose Producers

Wells to be Drilled

Seely Oil Company

## E-K PENROSE SAND UNIT UNIT MAP

Lea County, New Mexico

# PLAN OF DEVELOPMENT

Latest Revision: 9-9-02

OPERATOR WELL NO.	Arco Permian 1	LOC	LEASE Corbin State 1980 FNL & 2310 FWL	SECTION 24-18S-33E UNIT LETTER f			
<b>}</b> .		TUBULA	R DATA				
SURFACE CAS	ING						
SİZE TOC HOLE SIZE	8 5/8 Surface 11	24 lbs/ft	CEMENTED WITH DETERMINED BY SETTING DEPTH	195 sx. Circulation 427			
INTERMEDIATE	E CASING						
SIZE TOC HOLE SIZE			CEMENTED WITH DETERMINED BY SETTING DEPTH				
LONG STRING							
SIZE TOC HOLE SIZE	5 1/2 1: Surface 7 7/8	5.5 lbs/ft	CEMENTED WITH DETERMINED BY SETTING DEPTH	1150 Circulation 5496			
TOTAL DEPTH	5505 '						
		PRODUC	ING INTERVAL				
FORMATION SPUD DATE	Delaware 4/25/2000		POOL OR FIELD COMPLETION DATE	EK (Delaware) 5/16/2000			
PERFORATED	5359 FEET	TO 5433	3 FEET				
STIMULATION	Acid- 3k gallons 15%	. Frac- 25.6k Gallo	ons V/K 125 w/ 21.6k lbs s	sand			
OTHER PERFO	RATED ZONES						
CURRENT STATUS							
OF THE WELL	Producir	ng					
IF P&A, LIST PL	UGGING DETAILS						

OPERATOR WELL NO.	Devon Oil Coi 1	p.	LOC	LEASE New Mexico 2080 FNL & 600 FEL	Federal SECTION UNIT LETTER	24-18S-33E	
\$			TUBULA	R DATA	ONLICETIEN	İ	
SURFACE CAS	ING						
SIZE TOC HOLE SIZE	13 3/8 Surface 17 1/2	5 <b>4.5</b>	lbs/ft	CEMENTED WITH DETERMINED BY SETTING DEPTH	425 Circulation 404	SX.	
INTERMEDIATE	CASING						
SIZE TOC HOLE SIZE	8 5/8 Surface 11	32	lbs/ft	CEMENTED WITH DETERMINED BY SETTING DEPTH	2400 Circulation 5280		
LONG STRING							
SIZE TOC HOLE SIZE	5 1/2 5300 7 7/8	17 & 20	lbs/ft	CEMENTED WITH DETERMINED BY SETTING DEPTH	2150 Calculated Est. 13349		
TOTAL DEPTH	13740 '		<b>5565</b>				
γ : -			PRODUC	ING INTERVAL			
FORMATION SPUD DATE	Delaware 12/8/1986			POOL OR FIELD COMPLETION DATE	EK (Delaware) 8/6/1990		
PERFORATED	5429 F	EET TO	5486	FEET			
STIMULATION	Acid- 5k gal 7.5	% NeFe	, Frac- 77k gal 8	& 74.8k gal sand			
OTHER PERFORATED ZONES  Morrow 12955-12970							
CURRENT STATUS							
OF THE WELL	Pr	oducing					
IF P&A, LIST PL	JGGING DETAI	LS					

OPERATOR WELL NO.	Seely Oil Company 19	LOC	LEASE EK Queen l 1980 FSL & 1650 FEL	SECTION 24-18S-33E			
		TUBULA	R DATA	UNIT LETTER j			
SURFACE CAS	ING						
SIZE TOC HOLE SIZE	8 5/8 24 I Surface 12.25	bs/ft	CEMENTED WITH DETERMINED BY SETTING DEPTH	200 sx. Circulation 292			
INTERMEDIATE	CASING						
SIZE TOC HOLE SIZE			CEMENTED WITH DETERMINED BY SETTING DEPTH				
LONG STRING							
SIZE TOC HOLE SIZE	5 1/2 15.5 lt 1700 7 7/8	os/ft	CEMENTED WITH DETERMINED BY SETTING DEPTH	600 Calculated Est. 4625			
TOTAL DEPTH	4650 '						
:		PRODUC	ING INTERVAL				
FORMATION SPUD DATE	Queen 1/19/1957		POOL OR FIELD COMPLETION DATE	EK Yates-Seven Rivers-Queen 2/6/1957			
PERFORATED	4386 FEET TO	4400	FEET				
STIMULATION	Acid- 500 gal, Frac- 10k g	al & 10k lbs. s	and				
OTHER PERFO	RATED ZONES Penrose- 4625-50 (OH) C			ug			
OF THE WELL	Producing						
IF P&A, LIST PL	JGGING DETAILS						
		······································					
1				1			

**OPERATOR** 

Texas Gulf Prod.

LEASE State "G"

WELL NO.

١,

4

LOC 2310 FSL & 990 FWL

SECTION 2
UNIT LETTER

24-18S-33E

**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

166**0** 

INTERMEDIATE CASING

SIZE

TOC

**CEMENTED WITH** 

**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** 

SPUD DATE

POOL OR FIELD

**COMPLETION DATE** 

**PERFORATED** 

**FEET TO** 

FEET

STIMULATION

OTHER PERFORATED ZONES

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

**CURRENT STATUS** 

OF THE WELL

P&A

IF P&A, LIST PLUGGING DETAILS

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

Note- Casing was not set through Penrose.

OPERATOR WELL NO.	C. W. Trainer 4	LOC	LEASE McElvain Fo	<b>SECTION</b> 25-18S-33E			
		THEIN	AR DATA	UNIT LETTER 0			
		TOBUL	AR DATA				
SURFACE CAS	ING						
SIZE TOC HOLE SIZE	13 3/8 Surface 17 1/2	54.5 lbs/ft	CEMENTED WITH DETERMINED BY SETTING DEPTH	350 sx. Circulation 350			
INTERMEDIATE	CASING						
SIZE TOC HOLE SIZE	8 5/8 24 Surface 12 1/4	l & 32 lbs/ft	CEMENTED WITH DETERMINED BY SETTING DEPTH	1350 Circulation 3700			
LONG STRING							
SIZE TOC HOLE SIZE	5 1/2 2268 7 7/8	20 lbs/ft	CEMENTED WITH DETERMINED BY SETTING DEPTH	1470 Calculated Est. 10000			
TOTAL DEPTH	10000 '						
		PRODU	CING INTERVAL				
FORMATION SPUD DATE	Bone Spring 10/31/1984		POOL OR FIELD COMPLETION DATE	EK (Bone Spring) 12/1/1984			
PERFORATED	948 <b>0</b> FE	ET TO 95	16 FEET				
STIMULATION	Acid 2k gal 7.5%	, Frac- 70k gal gel, 1	45 tons CO2, 150k lbs 20/	40 sand			
OTHER PERFO	RATED ZONES						
CURRENT STATUS							
OF THE WELL	Proc	ducing					
IF P&A, LIST PL	UGGING DETAIL	S					

**OPERATOR** 

Chiles Drilling Co.

LEASE Gulf Federal

WELL NO.

1

LOC 660 FNL & 660FEL **SECTION** 25-18S-33E

UNIT LETTER

а

**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

TOC

**CEMENTED WITH** 

**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** 

SPUD DATE

POOL OR FIELD

COMPLETION DATE

PERFORATED

**FEET TO** 

FEET

STIMULATION

OTHER PERFORATED ZONES

Penrose

4687-4702

**CURRENT STATUS** 

OF THE WELL

P&A

IF P&A, LIST PLUGGING DETAILS

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

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

á

**OPERATOR** Seely Oil Company LEASE McElvain Federal WELL NO. LOC 660 FNL & 1980 FWL **SECTION** 25-18S-33E UNIT LETTER **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 **CEMENTED WITH** SIZE TOC **DETERMINED BY** HOLE SIZE SETTING DEPTH LONG STRING SIZE **CEMENTED WITH** TOC **DETERMINED BY HOLE SIZE** SETTING DEPTH 5998 **TOTAL DEPTH** PRODUCING INTERVAL **FORMATION** POOL OR FIELD SPUD DATE COMPLETION DATE FEET TO FEET PERFORATED 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

i e							
OPERATOR WELL NO.	Concho Oil & Gas 2	LOC	LEASE Edith Federa 2130 FNL & 1980 FEL	SECTION 25-18S-33E			
		TUBULA	R DATA	UNIT LETTER g			
SURFACE CAS	ING						
SIZE TOC HOLE SIZE	13 3/8 54.5 Surface 17 1/2	lbs/ft	CEMENTED WITH DETERMINED BY SETTING DEPTH	400 sx. Circulation 350			
INTERMEDIATE	CASING						
SIZE TOC HOLE SIZE	8 5/8 24 & 3 Surface 12 1/4	2 lbs/ft	CEMENTED WITH DETERMINED BY SETTING DEPTH	1600 Circulation 3700			
LONG STRING							
SIZE TOC HOLE SIZE	5 1/2 20 & 23 7600 7 7/8	lbs/ft	CEMENTED WITH DETERMINED BY SETTING DEPTH	550 Calculated Est. 10500			
TOTAL DEPTH	10500 '						
		PRODUCI	NG INTERVAL				
FORMATION SPUD DATE	Bone Spring 2/3/1985		POOL OR FIELD COMPLETION DATE	EK (Bone Spring) 5/22/1985			
PERFORATED	9452 FEET TO	9785	FEET				
STIMULATION	Acid- 4k gal NeFe, Fra	c- 52.5k gal gel <sub>ş</sub> :	50 tons CO2, & 107k lbs	20/40 sand			
OTHER PERFOR	OTHER PERFORATED ZONES  0  CURRENT STATUS						
OF THE WELL	Producing						
IF P&A, LIST PLI	JGGING DETAILS						
	<u></u>						

OPERATOR WELL NO.	Seely Oil Company 6	LO <b>C</b> TUBULAI	LEASE McElvain Fe 1650 FNL & 1650 FEL	deral SECTION 25-18S-33E UNIT LETTER g				
		IOBOLA	R DATA					
SURFACE CAS	BING							
SIZE TOC HOLE SIZE	8 5/8 24 I Surface 12 1/4	bs/ft	CEMENTED WITH DETERMINED BY SETTING DEPTH	325 sx. Circulation 527				
INTERMEDIATI	E CASING							
SIZE TOC HOLE SIZE			CEMENTED WITH DETERMINED BY SETTING DEPTH					
LONG STRING								
SIZE TOC HOLE SIZE	5 1/2 15.5 II Surface 7 7/8	bs/ft	CEMENTED WITH DETERMINED BY SETTING DEPTH	1200 Circulation 4975				
TOTAL DEPTH	4975 '							
		PRODUCI	NG INTERVAL					
FORMATION SPUD DATE	Penrose 12/12/1990		POOL OR FIELD COMPLETION DATE	EK Yates-Seven Rivers-Queen 1/5/1991				
PERFORATED	4673 FEET TO	4683	FEET					
STIMULATION	Acid- 1k gal NeFe, Frac- 2	20k gal gel & 4	0k lbs 20/40 sand					
OTHER PERFO	RATED ZONES							
	•	CURRENT	T STATUS					
OF THE WELL	OF THE WELL Producing							
IF P&A, LIST PL	UGGING DETAILS							
			<del></del>					
L								

OPERATOR WELL NO.	BTA Oil Producers 1	LOC	LEASE EK-A-8701 . 2103 FNL & 575 FEL	JV-P SECTION UNIT LETTER	25-18S-33E h	
ì		TUBULAI	R DATA			
SURFACE CAS	ING					
SIZE TOC HOLE SIZE	13 3/8 54.5 I Surface 17 1/2 E CASING	lbs/ft	CEMENTED WITH DETERMINED BY SETTING DEPTH	450 Circulation 406	sx.	
SIZE TOC HOLE SIZE	8 5/8 24 & 32 I Surface 11	bs/ft	CEMENTED WITH DETERMINED BY SETTING DEPTH	1700 Circulation 3700		
SIZE TOC HOLE SIZE TOTAL DEPTH	5 1/2 17 II Surface 7 7/8	bs/ft	CEMENTED WITH DETERMINED BY SETTING DEPTH	1700 Circulation 10505		
		PRODUCI	NG INTERVAL			
FORMATION SPUD DATE	Delaware 7/8/1999		POOL OR FIELD COMPLETION DATE	EK (Delaware) 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 PL	UGGING DETAILS					

OPERATOR	M. O. Davis		LEASE Aid Federal			
WELL NO.	1	LOC	660 FNL & 1980 FEL	SECTION 19-18S-34E UNIT LETTER b		
•		TUBUL	AR DATA			
SURFACE CAS	ING					
SIZE TOC HOLE SIZE	8 5/8 Surface 12 1/4	24 lbs/ft	CEMENTED WITH DETERMINED BY SETTING DEPTH	175 sx. Circulation 290		
INTERMEDIATE	CASING					
SIZE TOC HOLE SIZE			CEMENTED WITH DETERMINED BY SETTING DEPTH			
LONG STRING						
SIZE TOC HOLE SIZE	4 1/2 3700 7 7/8	9.5 lbs/ft	CEMENTED WITH DETERMINED BY SETTING DEPTH	230 Calculated Est. 4650		
TOTAL DEPTH	5400 '					
		PRODUC	CING INTERVAL			
FORMATION SPUD DATE			POOL OR FIELD COMPLETION DATE			
PERFORATED	FEET	гто	FEET			
STIMULATION						
OTHER PERFORATED ZONES  Queen 4452-92  CURRENT STATUS						
OF THE WELL	P & A					
IF P&A, LIST PL	UGGING DETAILS					

OPERATOR

Santa Fe Energy

LEASE

Mc Alpine Federal

WELL NO.

į

1

LOC

1830 FNL & 660 FWL

SECTION OF UNIT LETTER

19-18S-34E e

**TUBULAR DATA** 

**SURFACE CASING** 

SIZE

13 3/8

lbs/ft

**54.5** 

CEMENTED WITH

420 sx.

TOC

Surface

DETERMINED BY

Circulation

HOLE SIZE

17 1/2

SETTING DEPTH

402

INTERMEDIATE CASING

SIZE

8 5/8 Surface 24,32 lbs/ft

**CEMENTED WITH** 

1370

TOC HOLE SIZE

12 1/4

DETERMINED BY SETTING DEPTH Circulation

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** 

SPUD DATE

POOL OR FIELD

COMPLETION DATE

**PERFORATED** 

FEET TO

FEET

STIMULATION

OTHER PERFORATED ZONES

Delaware 6056-6089, San Andres 5426-5474

**CURRENT STATUS** 

OF THE WELL

P&A

IF P&A. LIST PLUGGING DETAILS

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

ş

Mobil Oil Corp. LEASE EK Queen Unit **OPERATOR** 617 WELL NO. LOC 1450 FNL & 70 FWL **SECTION** 19-18S-34E UNIT LETTER е **TUBULAR DATA** SURFACE CASING 8 5/8 20 lbs/ft **CEMENTED WITH** 300 SIZE SX. TOC Surface **DETERMINED BY** Circulation HOLE SIZE 11 SETTING DEPTH 354 INTERMEDIATE CASING + **CEMENTED WITH** SIZE TOC **DETERMINED BY HOLE SIZE** SETTING DEPTH **LONG STRING** 5 1/2 SIZE 14 lbs/ft **CEMENTED WITH** 1800 Surface TOC **DETERMINED BY** Circulation HOLE SIZE 7 7/8 SETTING DEPTH 4650 4650 **TOTAL DEPTH** PRODUCING INTERVAL **FORMATION** POOL OR FIELD **COMPLETION DATE** SPUD DATE **FEET TO** FEET **PERFORATED** STIMULATION OTHER PERFORATED ZONES 4368-4412 **CURRENT STATUS** OF THE WELL P & A IF P&A, LIST PLUGGING DETAILS

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

OPERATOR WELL NO.	Seely Oil Company 24		.SE EK Queen Unit FSL & 762 FWL	SECTION JNIT LETTER	19-18S-34E			
.j		TUBULAR DAT		JNII LEITER	m			
SURFACE CAS	SURFACE CASING							
SIZE TOC HOLE SIZE	8 5/8 24 lbs Surface 12 1/4	DET	MENTED WITH ERMINED BY TING DEPTH	175 Circulation 320	sx.			
INTERMEDIATI	E CASING							
SIZE TOC HOLE SIZE	5 1/2 14 lbs 3600 7 7/8	DET	IENTED WITH ERMINED BY C TING DEPTH	225 Calculated Est 4718				
LONG STRING								
SIZE TOC HOLE SIZE	3 1/2 9.3 lbs Surface 5	DET	ENTED WITH ERMINED BY TING DEPTH	340 Circulation 4380				
TOTAL DEPTH	4718 '							
		PRODUCING IN	ITERVAL					
FORMATION SPUD DATE	Queen Sand 10/18/1957		L OR FIELD E	K Yates-Sevei 12/10/1957	n Rivers-Que			
PERFORATED	4429 FEET TO	4478 FEE	ΞT					
STIMULATION								
OTHER PERFORATED ZONES Penrose 4698-4710, CIBP at 4500 w/ 5 sx hydomite on top of plug CURRENT STATUS								
OF THE WELL	Active Queen	Sand WIW						
IF P&A, LIST PL	UGGING DETAILS							
		· · · · · · · · · · · · · · · · · · ·			]			

OPERATOR WELL NO.	Mobil Oil Corp. 3	LOC TUBULAI	LEASE Silvey Fede 2310 FWL & 343 FSL R DATA	ral SECTION UNIT LETTER	19-18S-34E n
SURFACE CAS	ING				
SIZE TOC HOLE SIZE	8 5/8 24 lbs Surface 12 1/4	s/ft	CEMENTED WITH DETERMINED BY SETTING DEPTH	175 Circulation 300	sx.
INTERMEDIATE	CASING				
SIZE TOC HOLE SIZE			CEMENTED WITH DETERMINED BY SETTING DEPTH		
LONG STRING					
SIZE TOC HOLE SIZE	5 1/2 14 lbs 2600 7 7/8	s/ft	CEMENTED WITH DETERMINED BY SETTING DEPTH	525 Calculated Est 4734	
TOTAL DEPTH	4735 '				
		PRODUCI	NG INTERVAL		
FORMATION SPUD DATE			POOL OR FIELD COMPLETION DATE		
PERFORATED	FEET TO		FEET		
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					

1

LEASE Penzoil Federal OPERATOR Hanson Oil LOC WELL NO. 1 330 FSL & 2310 FEL **SECTION** 19-18S-34E UNIT LETTER 0 **TUBULAR DATA SURFACE CASING** 8 5/8 24 lbs/ft CEMENTED WITH SIZE 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 7 7/8 HOLE SIZE SETTING DEPTH 4800 4800 **TOTAL DEPTH** PRODUCING INTERVAL POOL OR FIELD **FORMATION** SPUD DATE COMPLETION DATE FEET TO FEET **PERFORATED** STIMULATION OTHER PERFORATED ZONES Penrose 4723-36 **CURRENT STATUS** OF THE WELL P&A IF P&A, LIST PLUGGING DETAILS

4

**OPERATOR** Seely Oil Company LEASE C. S. Federal WELL NO. LOC 660 FSL & 1980 FEL **SECTION** 19-18S-34E UNIT LETTER 0 **TUBULAR DATA SURFACE CASING** 8 5/8 24 lbs/ft SIZE CEMENTED WITH 700 SX. TOC Surface DETERMINED BY Circulation HOLE SIZE 11 SETTING DEPTH 1650 INTERMEDIATE CASING CEMENTED WITH SIZE 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 7 7/8 HOLE SIZE 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 4720 FEET TO 4730 FEET PERFORATED STIMULATION Acid- 500 gal, Frac 40k gal & 42.5k lbs sand OTHER PERFORATED ZONES Queen 4435-4494 Squeezed w/ 150 sxs **CURRENT STATUS** OF THE WELL Producing IF P&A, LIST PLUGGING DETAILS

OPERATOR WELL NO.	Concho Oil & Gas 1	LOC	LEASE Citation 1650 FSL & 330 FWL	SECTION 20-18S-34E	
		าบยบ	LAR DATA	UNIT LETTER I	
SURFACE CAS	SING				
SIZE TOC HOLE SIZE	8 5/8 Surface 12 1/4	24 lbs/ft	CEMENTED WITH DETERMINED BY SETTING DEPTH	275 sx. Circulation 422	
INTERMEDIATI	E CASING				
SIZE TOC HOLE SIZE			CEMENTED WITH DETERMINED BY SETTING DEPTH		
LONG STRING					
SIZE TOC HOLE SIZE	5 1/2 3755 7 7/8	15.5 lbs/ft	CEMENTED WITH DETERMINED BY SETTING DEPTH	170 Calculated Est. 4838	
TOTAL DEPTH	4875 '				
		PRODU	JCING INTERVAL		
FORMATION SPUD DATE	Penrose Sand 2/2/2000		POOL OR FIELD COMPLETION DATE	EK Yates-Seven Rivers-Queen 1/0/1900	
PERFORATED	4814 FEE	T TO 48	322 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	Produ	ıcina			
IF P&A, LIST PLUGGING DETAILS					
, , , , , , , , , , , ,					

OPERATOR Joseph I. Oneil LEASE Scharbauer Cattle Co.

WELL NO. 2 LOC 2080 FSL & 330 FWL SECTION 20-18S-34E

UNIT LETTER |

**TUBULAR DATA** 

**SURFACE CASING** 

7

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

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

OPERATOR WELL NO.	Seely Oil Company 2	LOC	LEASE Scharbauer 330 FSL & 1650 FWL	SECTION 20-18S-34E UNIT LETTER n
· · · · · · · · · · · · · · · · · · ·		TUBULAI	R DATA	UNIT LETTER n
SURFACE CAS	ING			
SIZE TOC HOLE SIZE	8 5/8 Surface 12 1/4	20 lbs/ft	CEMENTED WITH DETERMINED BY SETTING DEPTH	300 sx. Circulation 451
SIZE TOC HOLE SIZE	CASING		CEMENTED WITH DETERMINED BY SETTING DEPTH	
SIZE TOC HOLE SIZE	4 1/2 9.5 & 1 3200 7 7/8	0.5 lbs/ft	CEMENTED WITH DETERMINED BY SETTING DEPTH	400 Calculated Est. 4820
TOTAL DEPTH	4820 '			
:		PRODUCI	NG INTERVAL	
FORMATION SPUD DATE	Queen Sand 1/0/1900		POOL OR FIELD COMPLETION DATE	EK Yates-Seven Rivers-Queen 2/10/2000
PERFORATED	4474 FEET 1	O 4482	FEET	
STIMULATION	Acid- 1k gal KCI & 18	k lbs sand		
OTHER PERFO	RATED ZONES Penrose 4746-64	CURRENT	STATUS	
OF THE WELL	Producin			
		ອ		
IF P&A, LIST PL	JGGING DETAILS	·		

**OPERATOR** 

Seely Oil Company

LEASE Armer State

WELL NO.

LOC 330 FSL & 2260 FEL

SECTION **UNIT LETTER** 

20-18S-34E ٥

**TUBULAR DATA** 

SURFACE CASING

SIZE

8 5/8

20 lbs/ft

**CEMENTED WITH** 

250 SX.

TOC

Surface

**DETERMINED BY** 

Circulation

HOLE SIZE

12.25

SETTING DEPTH

480

INTERMEDIATE CASING

SIZE

TOC HOLE SIZE CEMENTED WITH

DETERMINED BY

SETTING DEPTH

**LONG STRING** 

SIZE

TOC **HOLE SIZE**  CEMENTED WITH

**DETERMINED BY** 

SETTING DEPTH

**TOTAL DEPTH** 

5964

PRODUCING INTERVAL

**FORMATION** 

SPUD DATE

POOL OR FIELD

**COMPLETION DATE** 

PERFORATED

FEET TO

FEET

STIMULATION

OTHER PERFORATED ZONES

**CURRENT STATUS** 

OF THE WELL

P&A

IF P&A, LIST PLUGGING DETAILS

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

**OPERATOR** 

Seely Oil Company

LEASE McElvain Federal

WELL NO.

12

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

**UNIT LETTER** b

**TUBULAR DATA** 

**SURFACE CASING** 

SIZE

8 5/8

24 lbs/ft

**CEMENTED WITH** 

510 SX.

TOC **HOLE SIZE**  Surface 11

**DETERMINED BY** SETTING DEPTH

Circulation 1701

INTERMEDIATE CASING

SIZE

TOC HOLE SIZE **CEMENTED WITH DETERMINED BY** 

SETTING DEPTH

**LONG STRING** 

SIZE

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

**DETERMINED BY** 

SETTING DEPTH

**TOTAL DEPTH** 6200

PRODUCING INTERVAL

**FORMATION** 

SPUD DATE

POOL OR FIELD

**COMPLETION DATE** 

PERFORATED

**FEET TO** 

FEET

STIMULATION

OTHER PERFORATED ZONES

**CURRENT STATUS** 

OF THE WELL

P&A

IF P&A, LIST PLUGGING DETAILS

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

surface

OPERATOR WELL NO.	Seely Oil Company 9	LOC	LEASE McElvain Fe	ederal SECTION 29-18S-34E UNIT LETTER c	
į.		TUBULA	R DATA	J. J. J. J. J. J. J. J. J. J. J. J. J. J	
SURFACE CAS	ing				
SIZE TOC HOLE SIZE	8 5/8 24 Surface 11	lbs/ft	CEMENTED WITH DETERMINED BY SETTING DEPTH	800 sx. Circulation 1710	
INTERMEDIAT	E CASING				
SIZE TOC HOLE SIZE			CEMENTED WITH DETERMINED BY SETTING DEPTH		
LONG STRING					
SIZE TOC HOLE SIZE	5 1/2 17 1640 7 7/8	lbs/ft	CEMENTED WITH DETERMINED BY SETTING DEPTH	1200 Cement Bond Log 6045	
TOTAL DEPTH	6075 '				
		PRODUC	ING INTERVAL		
FORMATION SPUD DATE	Delaware 8/19/2001		POOL OR FIELD COMPLETION DATE	EK (Delaware) 9/3/2001	
PERFORATED	5834 FEET TO	D 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	Producin <b>g</b>				
IF P&A, LIST PLUGGING DETAILS					

Ì					
OPERATOR WELL NO.	Seely Oil Company 7	LOC	LEASE McElvain F 660' FNL & 525'FWL	SECTION 29-18S-34E	
2		TUBUL	AR DATA	UNIT LETTER d	
0.1554.05.04					
SURFACE CAS	SING				
SIZE TOC HOLE SIZE	8 5/8 24 Surface 11	lbs/ft	CEMENTED WITH DETERMINED BY SETTING DEPTH	500 sx. Circulation 1723	
INTERMEDIAT	E CASING				
SIZE TOC HOLE SIZE			CEMENTED WITH DETERMINED BY SETTING DEPTH		
LONG STRING					
SIZE TOC HOLE SIZE	5 1/2 17 1663 7 7/8	lbs/ft	CEMENTED WITH DETERMINED BY SETTING DEPTH	1150 Cement Bond Log 6000	
TOTAL DEPTH	6000 '				
<u> </u>		PRODUC	CING INTERVAL		
FORMATION SPUD DATE	Queen 9/9/2000		POOL OR FIELD COMPLETION DATE	EK Yates-Seven Rivers-Quer 9/22/2000	
PERFORATED	4482 FEET TO	449	0 FEET		
STIMULATION 1000 gal MCA, Frac- 10,000 gal KCL w/ 20,000 lbs. 16/30 sand					
OTHER PERFO	RATED ZONES None				
		CURREN	IT STATUS		
OF THE WELL	Producing				
IF P&A, LIST PL	UGGING DETAILS				

Seely Oil Company LEASE McElvain Federal **OPERATOR** WELL NO. 10 LOC 1650' FNL & 1980' FWL SECTION 29-18S-34E **UNIT LETTER 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 5 1/2 17 lbs/ft **CEMENTED WITH** 1250 SIZE 2800 TOC **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

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

**FEET** 

FORMATION POOL OR FIELD SPUD DATE COMPLETION DATE

**FEET TO** 

STIMULATION

PERFORATED

OTHER PERFORATED ZONES

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

OF THE WELL

P&A

IF P&A. LIST PLUGGING DETAILS

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

OPERATOR WELL NO.	Rhombus Operating( Sur 1	n Oil Co.) L <b>OC</b> TUBULA	1980 FSL & 1780 FEL	eral Com. SECTION UNIT LETTER	29-18S-34E j		
SURFACE CAS	ing						
SIZE TOC HOLE SIZE	13 3/8 48 II Surface 17 1/2	bs/ft	CEMENTED WITH DETERMINED BY SETTING DEPTH	300 Circulation 353	SX.		
SIZE TOC HOLE SIZE  LONG STRING	8 5/8 32 lt Surface 11	os/ft	CEMENTED WITH DETERMINED BY SETTING DEPTH	1800 Circulation 5198			
SIZE TOC HOLE SIZE	5 1/2 17 & 20 lb 7662 7 7/8	os/ft	CEMENTED WITH DETERMINED BY SETTING DEPTH	925 Calculated Est. 13644			
		PRODUC	ING INTERVAL				
FORMATION SPUD DATE	Morrow 8/27/1980		POOL OR FIELD COMPLETION DATE	La Rica Morrow 10/30/1980			
PERFORATED	13388 FEET TO	13400	) FEET				
STIMULATION	500 gal 15% HCL, 3800 ga	al 7.5% HCL					
OTHER PERFORATED ZONES							
CURRENT STATUS							
OF THE WELL	Producing						
IF P&A, LIST PL	IF P&A, LIST PLUGGING DETAILS						

OPERATOR WELL NO.	Seely Oil Company A #1	LOC	LEASE McElvain Fo	SECTION 30-18S-34E	
1		TUBULA	R DATA	UNIT LETTER a	
SURFACE CAS	ING				
SIZE TOC HOLE SIZE	8 5/8 24 II Surface 11	bs/ft	CEMENTED WITH DETERMINED BY SETTING DEPTH	585 sx. Circulation 1723	
INTERMEDIATE	CASING				
SIZE TOC HOLE SIZE			CEMENTED WITH DETERMINED BY SETTING DEPTH		
LONG STRING					
SIZE TOC HOLE SIZE	5 1/2 17 Ib 1650 7 7/8	os/ft	CEMENTED WITH DETERMINED BY SETTING DEPTH	1200 Cement Bond Log 5999	
TOTAL DEPTH	6000 '				
		PRODUC	ING INTERVAL		
FORMATION SPUD DATE	Delaware 6/3/2000		POOL OR FIELD COMPLETION DATE	EK (Delaware) 7/16/2000	
PERFORATED	5508 FEET TO	5780	FEET		
STIMULATION	Acid- 5k gal 7.5%. Frac- 3	37k gal gelled	KCI w/ 104k lbs 20/40 sa	nd	
OTHER PERFORATED ZONES  0  CURRENT STATUS					
OF THE WELL	Producing				
IF P&A, LIST PLUGGING DETAILS					

OPERATOR WELL NO.	Seely Oil Co 2	mpany	LOC TUBULAR	LEASE McElvain F .5 FNL & 1980 FEL	ederal SECTION UNIT LETTER
SURFACE CAS	ING				
SIZE TOC HOLE SIZE	10 3/4 Surface 15	32.75 lbs/	ft	CEMENTED WITH DETERMINED BY SETTING DEPTH	200 Circulation 278
INTERMEDIATE	CASING				
SIZE TOC HOLE SIZE				CEMENTED WITH DETERMINED BY SETTING DEPTH	
LONG STRING					
SIZE TOC HOLE SIZE	5 1/2 1923 7 7/8			CEMENTED WITH DETERMINED BY SETTING DEPTH	450 Calculated Est. 4790
TOTAL DEPTH	5401 '				
			PRODUCI	NG INTERVAL	
FORMATION SPUD DATE	Penrose 10/13/1955			POOL OR FIELD COMPLETION DATE	EK Yates-Sever 11/16/1955
PERFORATED	4732	FEET TO	4742	FEET	
STIMULATION	Frac- 6k gal re	efined oil w/ 9k	lbs sand		
OTHER PERFOI	RATED ZONE	S			
			CURRENT	STATUS	
OF THE WELL	F	Producing			
IF P&A, LIST PL	UGGING DET	AILS			

1:

Seely Oil Company LEASE McElvain Federal **OPERATOR** 5 LOC 660 FNL & 3300 FEL WELL NO. SECTION 30-18S-34E **UNIT LETTER** С **TUBULAR DATA** SURFACE CASING 8 5/8 32 lbs/ft **CEMENTED WITH** SIZE 200 SX. TOC Surface DETERMINED BY Circulation 12 1/4 HOLE SIZE 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-Quei SPUD DATE 4/29/1957 COMPLETION DATE 6/10/1957 4730 FEET 4716 FEET TO PERFORATED 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

**OPERATOR** WELL NO.

Chiles Drilling Co.

2

LEASE Gulf Federal

LOC

560 FNL & 1618 FWL

SECTION UNIT LETTER

30-18S-34E d

**TUBULAR DATA** 

**SURFACE CASING** 

SIZE

8 5/8

lbs/ft

**CEMENTED WITH** 

200

SX.

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

DETERMINED BY SETTING DEPTH

Circulation

306

INTERMEDIATE CASING

SIZE

TOC HOLE SIZE **CEMENTED WITH** 

**DETERMINED BY** SETTING DEPTH

**LONG STRING** 

SIZE

5 1/2

CEMENTED WITH

200

TOC **HOLE SIZE**  3703 7 7/8 **DETERMINED BY** 

Calculated Est.

SETTING DEPTH

4728

8/5/1957

TOTAL DEPTH

4728

PRODUCING INTERVAL

**FORMATION** SPUD DATE

Penrose 6/28/1957 POOL OR FIELD

EK Yates-Seven Rivers-Quei

COMPLETION DATE

PERFORATED

4690 FEET TO

4708 FEET

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

OTHER PERFORATED ZONES

**CURRENT STATUS** 

OF THE WELL

P&A

IF P&A, LIST PLUGGING DETAILS

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

:					
OPERATOR WELL NO.	BTA Oil Producers 1	LOC	LEASE 8701 JV-P 2130 FNL & 625 FWL		
		TUBULAF	R DATA		
SURFACE CAS	ING				
SIZE TOC HOLE SIZE	13 3/8 54.5 I Surface 17 1/2	lbs/ft	CEMENTED WITH DETERMINED BY SETTING DEPTH	450 Circulation 430	SX.
INTERMEDIATI	E CASING				
SIZE TOC HOLE SIZE	8 5/8 24 & 32 I Surface 11	bs/ft	CEMENTED WITH DETERMINED BY SETTING DEPTH	1600 Circulation 3715	
LONG STRING					
SIZE TOC HOLE SIZE	5 1/2 17 II 2300 7 7/8	bs/ft	CEMENTED WITH DETERMINED BY SETTING DEPTH	17 <b>00</b> Temp. Surv <b>ey</b> 990 <b>0</b>	
TOTAL DEPTH	9900 '				
		PRODUCII	NG INTERVAL		
FORMATION SPUD DATE	Delaware 3/31/1987		POOL OR FIELD COMPLETION DATE	EK (Delaware) 6/2/1987	
PERFORATED	5689 FEET TO	8713	FEET		
STIMULATION	Acid- 1k gal 7.5% HCl, Fr	rac- 14k gal De	lta Frac w/ sand		
OTHER PERFO	RATED ZONES  Bone Spring- 9487-9525	CIBP @ 8866 v CURRENT		plug	
OF THE WELL	Producing				
IF P&A, LIST PL	UGGING DETAILS				
		······································			7

**OPERATOR** WELL NO.

Owen C. Finch

1

LEASE **Gulf Federal** 

LOC

1650 FNL & 907 FWL

SECTION 30-18S-34E **UNIT LETTER** 

**TUBULAR DATA** 

**SURFACE CASING** 

SIZE

8 5/8

24 lbs/ft

CEMENTED WITH

175 SX.

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

Circulation 286

INTERMEDIATE CASING

SIZE

TOC

**CEMENTED WITH DETERMINED BY** SETTING DEPTH

HOLE SIZE

SIZE

5 1/2

14 lbs/ft **CEMENTED WITH** 

200

TOC **HOLE SIZE**  3460 7 7/8

**DETERMINED BY** SETTING DEPTH

0 4732

**TOTAL DEPTH** 

LONG STRING

4732

PRODUCING INTERVAL

**FORMATION** SPUD DATE

Penrose 1/26/1958 POOL OR FIELD

EK Yates-Seven Rivers-Quei

COMPLETION DATE 2/12/1958

**PERFORATED** 

**4697 FEET TO** 

4709 FEET

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

OTHER PERFORATED ZONES

**CURRENT STATUS** 

OF THE WELL

P & A

IF P&A, LIST PLUGGING DETAILS

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

OPERATOR WELL NO.	Seely Oil Company 3	LOC	LEASE McElvain Fe 2310 FNL & 2290 FWL	SECTION 30-18S-34E
ji.		TUBULA	R DATA	UNIT LETTER f
		, - <b></b>		
SURFACE CAS	ING			
SIZE		lbs/ft	CEMENTED WITH	n/a sx.
TOC HOLE SIZE	n/a 12 1/4		DETERMINED BY SETTING DEPTH	n/a 1711
FIOLE OIZE	12 117		OLITINO DEI III	1711
INTERMEDIATI	E CASING			
SIZE			CEMENTED WITH	
TOC			DETERMINED BY	
HOLE SIZE			SETTING DEPTH	
LONG STRING				
SIZE	5 1/2 15.5 1	lbs/ft	CEMENTED WITH	150
TOC	3715		DETERMINED BY	Calculated estimate
HOLE SIZE	7 7/8		SETTING DEPTH	4670
TOTAL DEPTH	4900 '			
1		PRODUCI	NG INTERVAL	
FORMATION SPUD DATE	Penrose 3/1/1956		POOL OR FIELD COMPLETION DATE	EK Yates-Seven Rivers-Quet 4/28/1956
OI OB DATE	3/1/1930		COM LETION DATE	4/20/1930
PERFORATED	4670 FEET TO	4710	FEET	
STIMULATION	Frac- 10k gal & 15k lbs s	sand		
		3		
OTHER PERFO	RATED ZONES			
		CURRENT	CTATUC	
		CURRENT	314103	
OF THE WELL	Producing			
IF P&A, LIST PL	UGGING DETAILS			
<u></u>	- <u>-</u> -			

OPERATOR C. W. Trainer LEASE McElvain Federal

WELL NO. 1 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

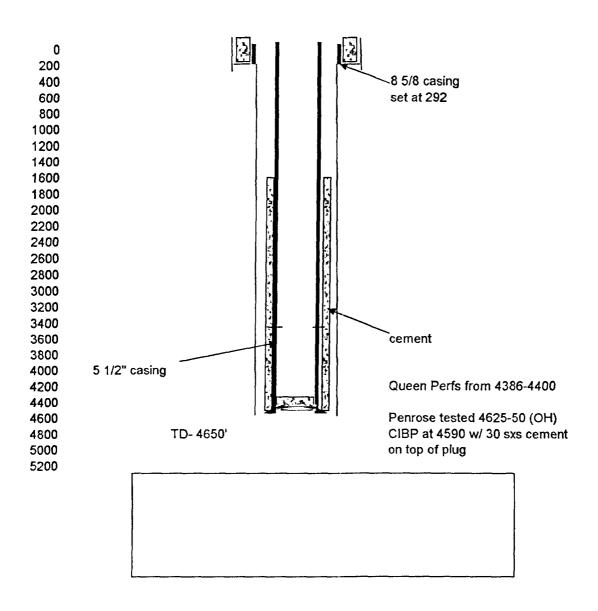
OPERATOR WELL NO.	Kaiser Francis(H	lillard O & G) LOC	LEASE McElvain Federal 1980 FSL & 1980 FEL SECTION 30-18S-34 UNIT LETTER j	E	
TUBULAR DATA					
SURFACE CAS	ING				
SIZE TOC HOLE SIZE	13 3/8 Surface 17 1/2 E CASING	48 lbs/ft	CEMENTED WITH 370 sx.  DETERMINED BY Circulation  SETTING DEPTH 355		
SIZE TOC HOLE SIZE	8 5/8 2944 11	32 lbs/ft	CEMENTED WITH 500 DETERMINED BY calculated Est. SETTING DEPTH 5115		
SIZE TOC HOLE SIZE	4 1/2" liner 7225 7.875		CEMENTED WITH 500 DETERMINED BY Calculated Est. SETTING DEPTH 4870-9650		
, 0 m2 52 m	, , , , ,	PRO	DUCING INTERVAL		
FORMATION SPUD DATE	Bone Spring 6/1/1974		POOL OR FIELD EK (Bone Spring) COMPLETION DATE 10/27/1974		
PERFORATED	9498 FE	ET TO	9524 FEET		
STIMULATION			₹		
OTHER PERFO	RATED ZONES				
		cur	RENT STATUS		
OF THE WELL	Proc	lucing			
IF P&A, LIST PL	UGGING DETAILS	S			

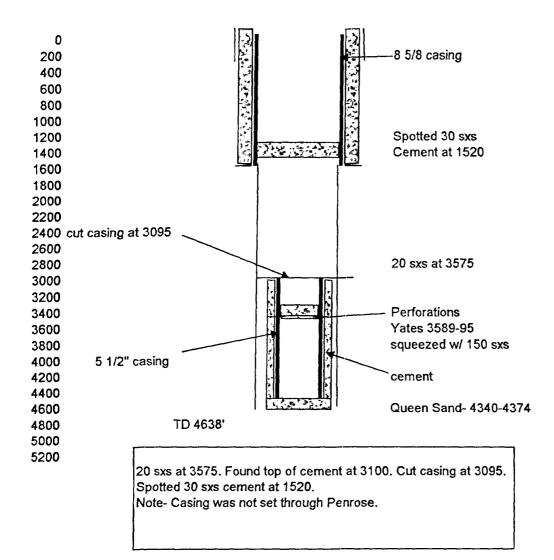
OPERATOR WELL NO.	Yate Petroleum 1	LOC	LEASE Howe "TG" I 1980 FSL & 1830 FWL	Federal SECTION 30-18S-34E UNIT LETTER k	
		TUBULA	R DATA		
SURFACE CAS	ING				
SIZE TOC HOLE SIZE	13 3/8 48 I Surface 17 1/2	bs/ft	CEMENTED WITH DETERMINED BY SETTING DEPTH	350 sx. Circulation 350	
INTERMEDIATE	CASING				
SIZE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

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

OPERATOR WELL NO.	Yate Petroleun 2	n	LOC		LEASE Howe "TG" 810 FSL & 1830 FWL	SECTION 30-18S-34E
			TUBL	JLAF	R DATA	UNITLETTER n
SURFACE CAS	SING					
SIZE TOC HOLE SIZE	13 3/8 Surface 17 1/2	54. <b>5</b>	lbs/ft		CEMENTED WITH DETERMINED BY SETTING DEPTH	375 sx. Circulation 350
INTERMEDIAT	E CASING					
SIZE TOC HOLE SIZE	8.625 Surface 11	32	lbs/ft		CEMENTED WITH DETERMINED BY SETTING DEPTH	1100 Circulation 3654
LONG STRING						
SIZE TOC HOLE SIZE	5 1/2 5890 7 7/8	17	lbs/ft		CEMENTED WITH DETERMINED BY SETTING DEPTH	600 Calculated Est. 9714
TOTAL DEPTH	9714 '					
			PROD	UCI	NG INTERVAL	
FORMATION SPUD DATE	Bone Spring 12/8/1985				POOL OR FIELD COMPLETION DATE	EK (Bone Spring) 1/7/1986
PERFORATED	9495 F	EET TO	9	9541	FEET	
STIMULATION	Acid- 3k gal, Fra	ac- 60k	gal KCl wate	er, 60	) tons of CO2, & 132k lb	os 20/40 sand
OTHER PERFO	RATED ZONES					
CURRENT STATUS						
OF THE WELL	Pro	oducing				
IF P&A, LIST PLUGGING DETAILS						

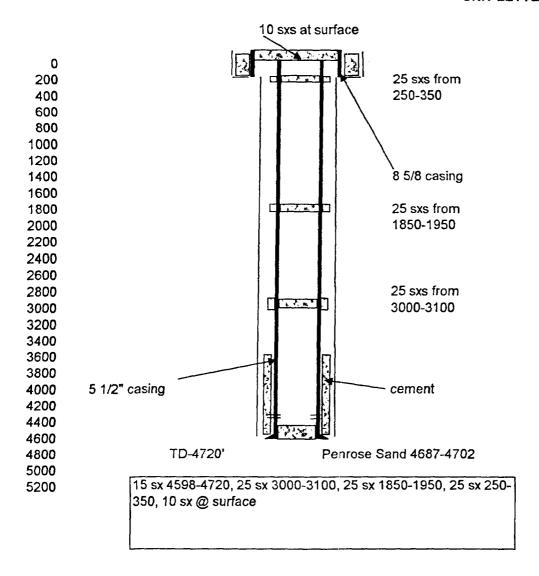
LEASE EK Queen Unit
1980 FSL & 1650 FEL SECTION 24-18S-33E
UNIT LETTER j



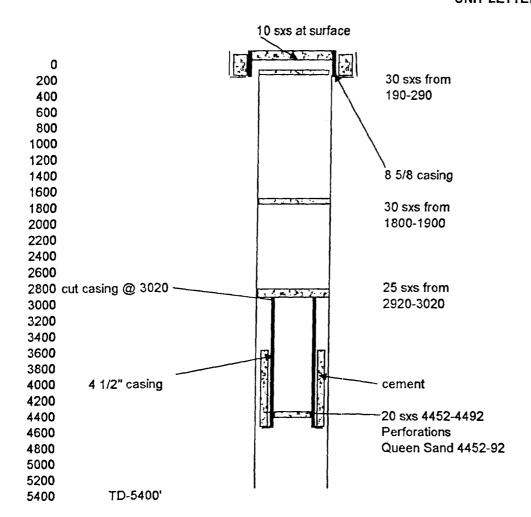


LEASE Gulf Federal 660 FNL & 660 FEL

SECTION 25-18S-33E UNIT LETTER a



1

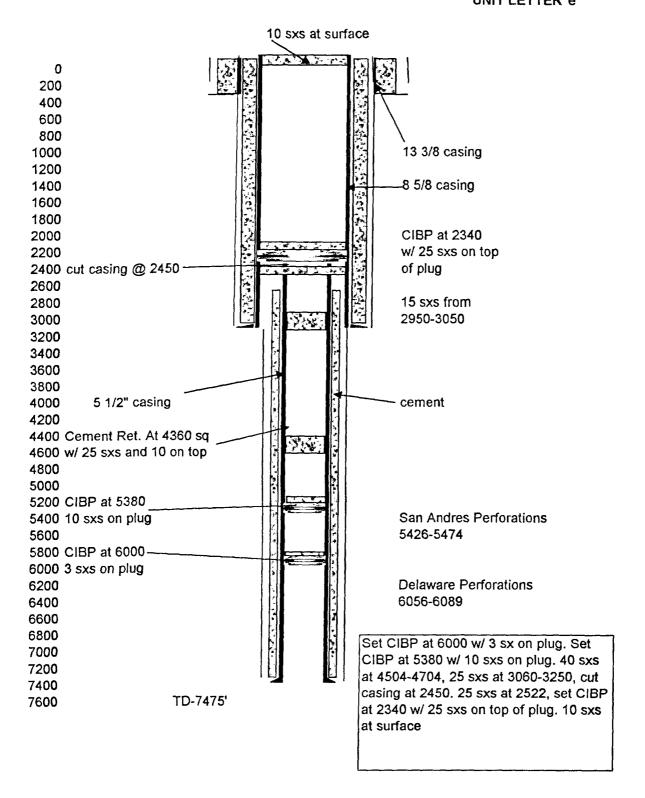


20 sxs 4452-4492, cut casing @ 3020. 30 sxs 2920-3020, 30 sxs 1800-1900, 30 sxs 190-290, 10 sxs at surface

٠

LEASE Mc Alpine Federal 1830 FNL & 660 FWL SEC

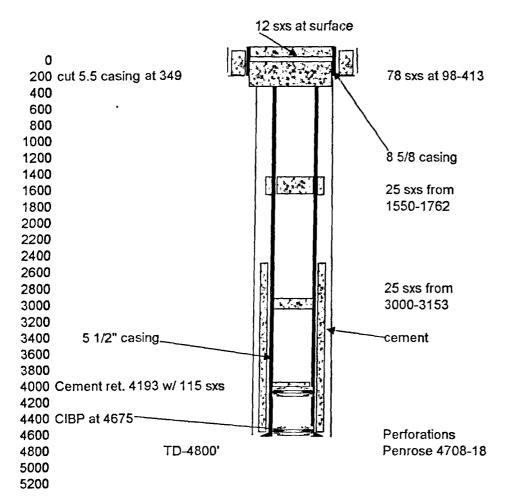
SECTION 19-18S-34E UNIT LETTER e



LEASE Silvey Federal 2310 FWL & 343 FSL

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 sxsw at 1550-1762. cut casing at 349. spotted 78 sxs 98-413. 12 sx at surface

ţ

1

LEASE Penzoil Federal
330 FSL & 2310 FEL S

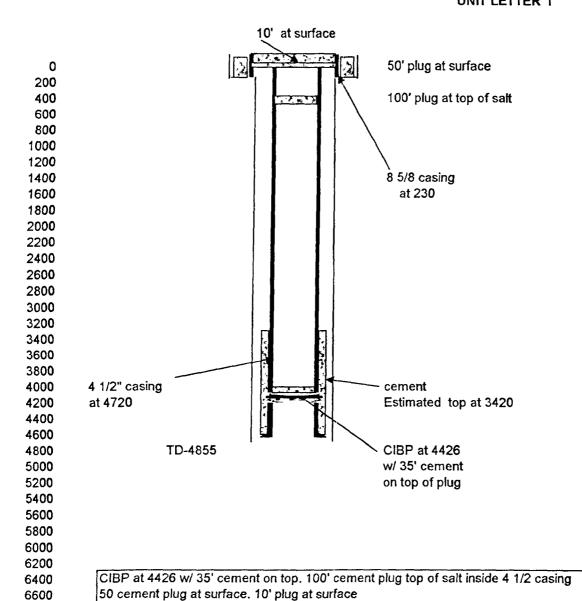
SECTION 19-18S-34E UNIT LETTER 0

10 sxs at surface 0 40 sxs at 204-304 200 400 600 800 1000 8 5/8 casing 1200 1400 1600 1800 2000 cut 51/2 casing at 2190 40 sxs from 1, 7, 3 2105-2205 2200 2400 2600 2800 3000 20 sxs from 3200 5 1/2" casing. 3200-3307 3400 3600 3800 cement 4000 4200 4400 **Perforations** 4600 Penrose 4723-36 4800 5000 TD-4784' 5200

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

68<mark>00</mark> 7000 LEASE Scharbauer Cattle Co. 330 FNL & 330 FWL SECTION

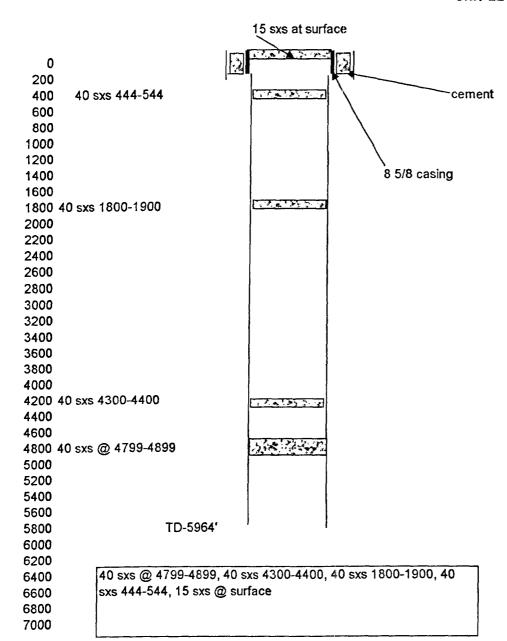
SECTION 20-18S-34E UNIT LETTER |



ĺ

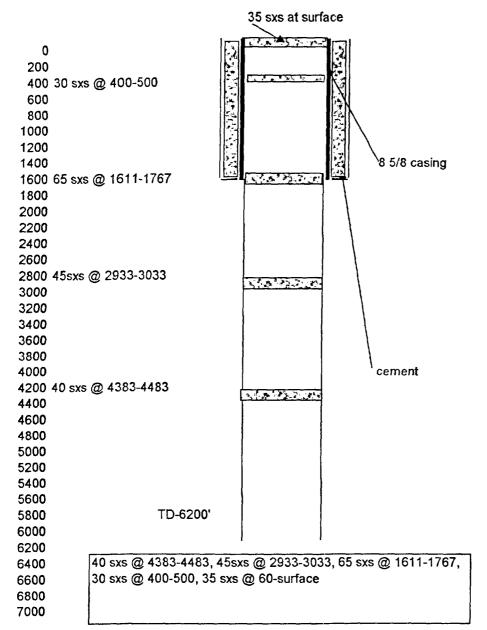
LEASE Armer State 330 FSL & 2260 FEL

SECTION 20-18S-34E UNIT LETTER 0



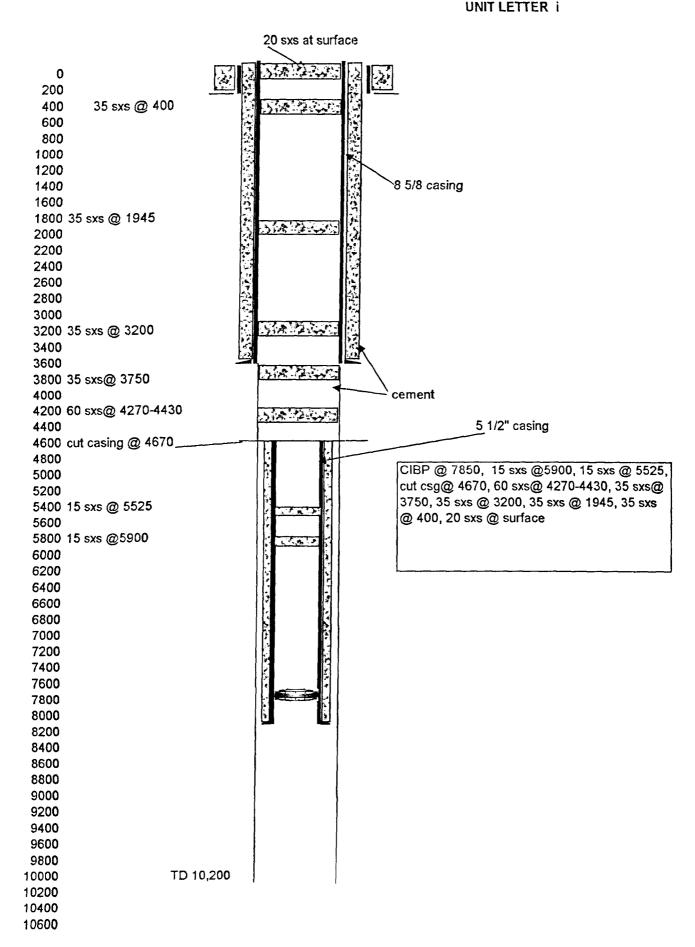
LEASE McElvain Federal 760' FNL&2020FEL SE

SECTION 29-18S-34E UNIT LETTER b



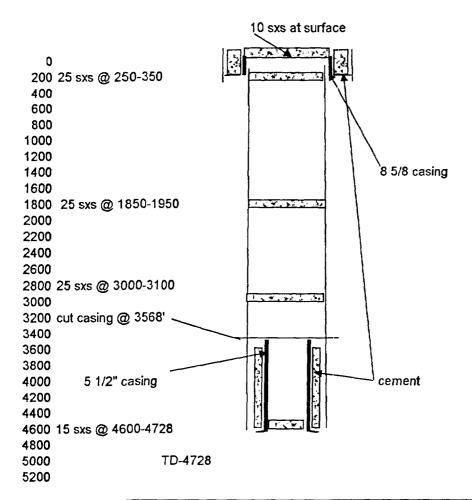
. 3

**SECTION** 29-18S-34E



LEASE Gulf Federal 560 FNL & 1618 FWL

SECTION 30-18S-34E UNIT LETTER d



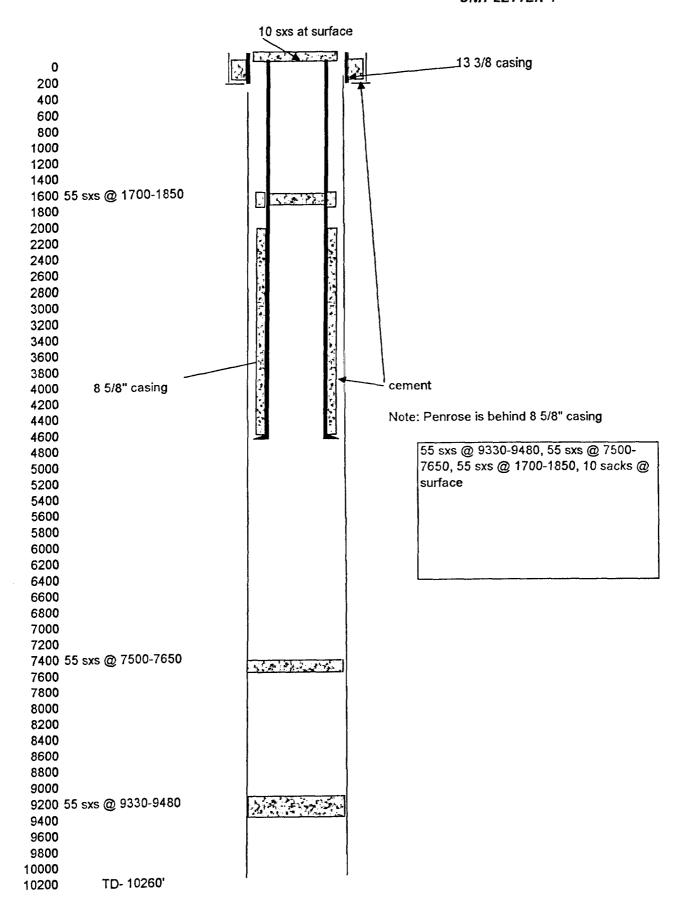
15 sxs @ 4600-4728, 25 sxs @ 3000-3100, 25 sxs @ 1850-1950, 25 sxs @ 250-350, 10 sxs @ surface Cut 5 1/2 casing @ 3568

4

1

LEASE McElvain Federal 2086 FNL & 2002 FWL SECTI

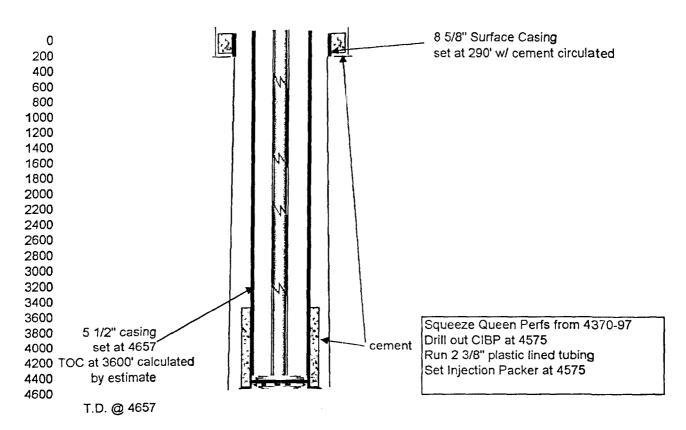
SECTION 30-18S-34E UNIT LETTER f



LEASE EK Queen Unit 990 FSL & 1980 FEL S

SECTION 24-18S-33E

UNIT LETTER o



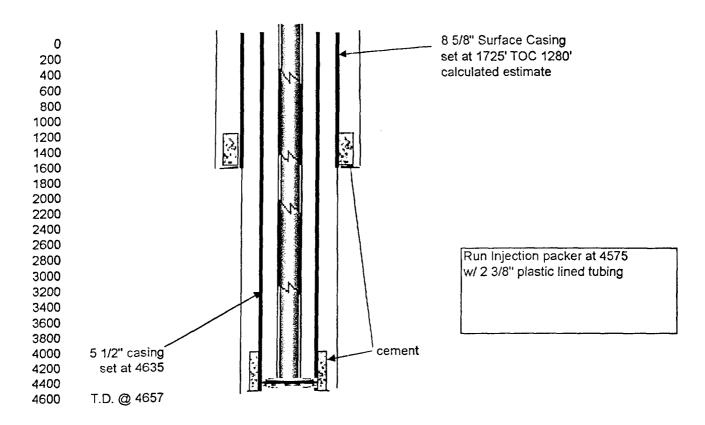
Penrose- 4628-4634

OPERATOR WELL NO.	Seely Oil Company 27	LOC	LEASE EK Queen l 990 FSL & 1980 FEL	Jnit SECTION 24-18S-33E UNIT LETTER 0	
		TUBULAI	R DATA	OMI EETIER 0	
SURFACE CAS	ING				
SIZE TOC HOLE SIZE	8 5/8 24 lbs Surface 12 1/4	/ft	CEMENTED WITH DETERMINED BY SETTING DEPTH	175 sx. Circulation 290	
INTERMEDIATE	CASING				
SIZE TOC HOLE SIZE			CEMENTED WITH DETERMINED BY SETTING DEPTH		
LONG STRING					
SIZE TOC HOLE SIZE	5 1/2 14 lbs/ 3600 7 7/8	/ft	CEMENTED WITH DETERMINED BY SETTING DEPTH	200 Calculated Est. 4657	
TOTAL DEPTH	4657 '				
		PRODUCI	NG INTERVAL		
FORMATION SPUD DATE	Queen 12/24/1957		POOL OR FIELD COMPLETION DATE	EK Yates-Seven Rivers-Queen 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**

er: 1-1	Plastic			
Tubing/Casing S	eal ( if applicable)			
	Additional Data			
hat purpose was t	he well originally drilled	Yes	<u>x</u>	_ No
e Injection Forma prose 4628-4634	tion			
h perforated inter is <mark>ed.</mark>				
one in this area? een 4400' ayburg 4450'	any oil or gas zones unde	rlying or overlying the proposed		
	w well drilled for in that purpose was to een Sand Water Injude Injection Formatorse 4628-4634  e Field or Pool (if Yates Seven River Ill ever been perforh perforated interplaced. een 4370-4397  ame and depth of a pone in this area? een 4400' hyburg 4450'	Additional Data  Well drilled for injection? hat purpose was the well originally drilled een Sand Water Injection Well  The Injection Formation purpose 4628-4634  The Field or Pool ( if applicable).  Yates Seven Rivers Queen  Ill ever been perforated in any other zone(sh perforated intervals and give plugging decised.  The Injection Formation purpose 4628-4634  The Field or Pool ( if applicable).  The Field or Pool	Additional Data  w well drilled for injection?  hat purpose was the well originally drilled een Sand Water Injection Well  e Injection Formation hrose 4628-4634  e Field or Pool ( if applicable). Yates Seven Rivers Queen  ell ever been perforated in any other zone(s)?  h perforated intervals and give plugging detail, i.e. sacks of cement used. een 4370-4397  me and depth of any oil or gas zones underlying or overlying the proposed one in this area? een 4400' eyburg 4450'	Additional Data  w well drilled for injection?  hat purpose was the well originally drilled een Sand Water Injection Well  een Injection Formation  nrose 4628-4634  ee Field or Pool ( if applicable). Yates Seven Rivers Queen  ell ever been perforated in any other zone(s)?  h perforated intervals and give plugging detail, i.e. sacks of cement ised.  een 4370-4397  me and depth of any oil or gas zones underlying or overlying the proposed one in this area?  een 4400'  eyburg 4450'

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



Penrose- 4637-57(OH)

.,				
OPERATOR WELL NO.	Seely Oil Company 1	LOC	LEASE McElvain Fe 660 FNL & 1980 FEL	<b>SECTION</b> 25-18S-33E
		TUBULA	R DATA	UNIT LETTER b
SURFACE CAS	ING			
SIZE TOC HOLE SIZE	8 5/8 24 lb 1280 11	s/ft	CEMENTED WITH DETERMINED BY SETTING DEPTH	125 sx. Calculated Est. 1725
INTERMEDIATE	CASING			
SIZE TOC HOLE SIZE			CEMENTED WITH DETERMINED BY SETTING DEPTH	
LONG STRING				
SIZE TOC HOLE SIZE	5 1/2 15.5 lbs 4100 7 7/8	s/ft	CEMENTED WITH DETERMINED BY SETTING DEPTH	100 Calculated Est. 4635
TOTAL DEPTH	4657 '			
		PRODUC	NG INTERVAL	
FORMATION SPUD DATE	Penrose 6/18/1955		POOL OR FIELD COMPLETION DATE	EK Yates-Seven Rivers-Queen 8/12/1955
PERFORATED	4637 FEET TO	4657 (OH)	FEET	
STIMULATION	Frac- 10k gal. & 10k lbs. sa	nd		
OTHER PERFO	RATED ZONES		7	
		CURRENT	STATUS	
OF THE WELL	Producing			
IF P&A, LIST PL	UGGING DETAILS			

## INJECTION WELL DATA SHEET

Tubing Size: 2 3/8 in	Lining Material: Plastic			
Type of Packer: AD-1				
Packer Setting Dept 4575±	h			
Other Type of Tubin	g/Casing Seal ( if applicable)			
	Additional Data			
If no, for what pur	drilled for injection?  pose was the well originally drilled  il Producer	Yes	x	_No
2. Name of the Injec Penrose-	tion Formation 1637-57(OH)			
	or Pool ( if applicable). Seven Rivers Queen			
	been perforated in any other zone( rated intervals and give plugging o			
injection zone in t Queen	d depth of any oil or gas zones und his area? 4400' 4450' 3600'	lerlying or overlying the propos	sed	

3400

3600

3800

4200

4400 4600 5 1/2" casing

4000 TOC 3700 calculated

set at 4703

by estimate

T.D. @ 4703

cement

Squeeze Queen Perfs at 4432-44

Run Injection Packer at 4625

w/ 2 3/8 Plastic Lined Tubing

Drill Out CIBP at 4471

8 5/8" Surface Casing 0 set at 300 200 circulated 300 400 sxs cement 600 800 1000 1200 1400 1600 1800 2000 2200 2400 2600 2800 3000 3200

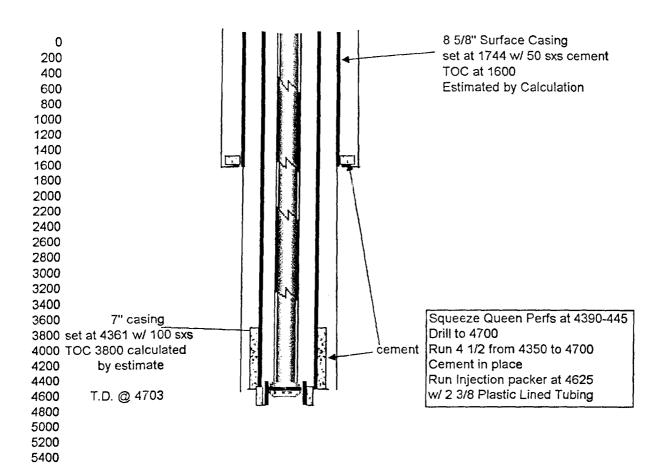
Penrose- 4678-4686

OPERATOR WELL NO.	Seely Oil Company 22	LOC	LEASE EK Queen U	SECTION 19-18S-34E			
UNIT LETTER k TUBULAR DATA							
SURFACE CASING							
SIZE TOC HOLE SIZE	8 5/8 24 lbs Surface 12 1/4	s/ft	CEMENTED WITH DETERMINED BY SETTING DEPTH	300 sx. Circulation 300			
INTERMEDIATE CASING							
SIZE TOC HOLE SIZE			CEMENTED WITH DETERMINED BY SETTING DEPTH				
LONG STRING							
SIZE TOC HOLE SIZE	5 1/2 14 lbs/ 3700 7 7/8	/ft	CEMENTED WITH DETERMINED BY SETTING DEPTH	200 Calculated Est 4703			
TOTAL DEPTH	4703 '						
PRODUCING INTERVAL							
FORMATION SPUD DATE	Queen Sand 10/16/1956		POOL OR FIELD COMPLETION DATE	EK Yates-Seven Rivers-Queen 9/17/1957			
PERFORATED	4432 FEET TO	4444	FEET				
STIMULATION Frac- 30k gal lease crude & 37.3k lbs 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							

Tubing Size: 2 3/8 in	Lining Material: Plastic	
Type of Packer: AD-1		
Packer Setting Depth 4600±		
Other Type of Tubing/Casing Se	eal ( if applicable)	
	Additional Data	
Is this a new well drilled for in If no, for what purpose was the Penrose Sand Oil Prod	he well originally drilled	X No
2. Name of the Injection Formati Penrose 4678-4686	ion	
3. Name of the Field or Pool ( if EK Yates Seven Rivers		
4. Has the well ever been performulated intervolved of plug(s) used.  Queen 4432-4444	rated in any other zone(s)? Yes vals and give plugging detail, i.e. sacks of cement	
5. Give the name and depth of an injection zone in this area?  Queen 4400'  Grayburg 4450'  Yates 3600'	ny oil or gas zones underlying or overlying the proposed	

LEASE EK Queen Unit 1980 FSL & 660FSL S

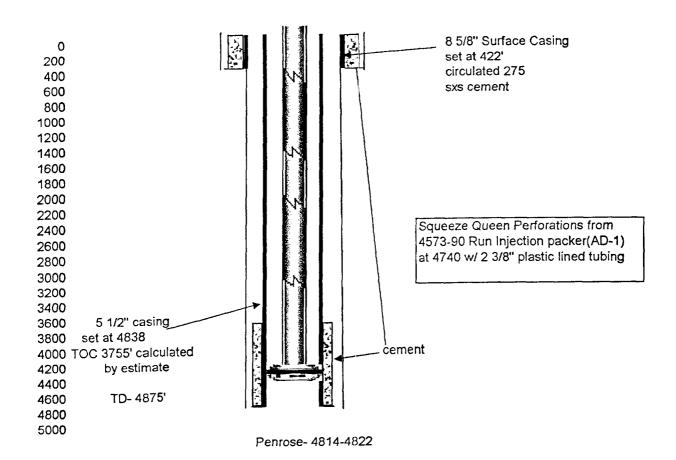
SECTION 19-18S-34E UNIT LETTER |



OPERATOR WELL NO.	Seely Oil Company 21	Loc	LEASE EK Queen t 1980 FSL & 660 FWL	Unit SECTION 19-18S-34E UNIT LETTER I		
		TUBULA	R DATA			
SURFACE CAS	ING					
SIZE TOC HOLE SIZE	8 5/8 24 lbs 1600 11	s/ft	CEMENTED WITH DETERMINED BY SETTING DEPTH	50 sx. Calculated Est. 1744		
INTERMEDIATE	CASING					
SIZE TOC HOLE SIZE			CEMENTED WITH DETERMINED BY SETTING DEPTH			
LONG STRING						
SIZE TOC HOLE SIZE	7 20 lbs. 3800 8 3/4	/ft	CEMENTED WITH DETERMINED BY SETTING DEPTH	100 Calculated Est 4361		
TOTAL DEPTH	4473 '					
•		PRODUC	ING INTERVAL			
FORMATION SPUD DATE	Queen Sand 12/10/1954		POOL OR FIELD COMPLETION DATE	EK Yates-Seven Rivers-Queen 2/24/1955		
PERFORATED	4390 FEET TO	4445	5 FEET			
STIMULATION	Frac- 10k gal lease crude &	15k lbs san	d			
OTHER PERFO	RATED ZONES		ŧ			
CURRENT STATUS						
OF THE WELL	Producing					
IF P&A, LIST PL	UGGING DETAILS					

Tubing Size: 2 3/8 in	Lining Material: Plastic		
Type of Packer: AD-1			
Packer Setting Depth 4625±	1		
Other Type of Tubing	/Casing Seal ( if applicable)		
	Additional Data		
1. Is this a new well of If no, for what purp Penrose Oil	oose was the well originally drille	Yes	XNo
2. Name of the Injecti Penrose 46			
	or Pool ( if applicable). even Rivers Queen		
	peen perforated in any other zone rated intervals and give plugging 9-4478		
injection zone in th Queen 4 Grayburg 4	is area? 4400'	nderlying or overlying the propos	sed

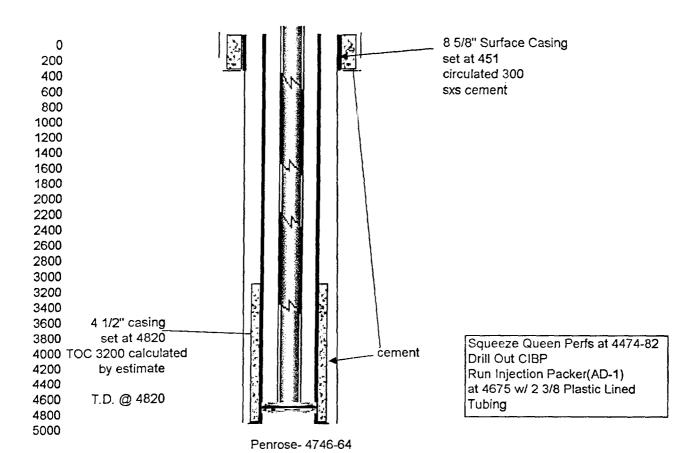
SECTION 20-18S-34E UNIT LETTER |



7

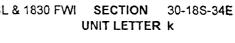
OPERATOR WELL NO.	Concho Oil & Ga		С	LEASE 1650 FSL	Citation & 330 FWL	SECTION	20-18S-34E
		TU	BULA	R DATA		UNIT LETTER	ł
SURFACE CAS	SING						
SIZE TOC HOLE SIZE	8 5/8 Surface 12 1/4	24 lbs/ft		CEMENTI DETERMI SETTING	INED BY	275 Circulation 422	sx.
INTERMEDIATI	E CASING						
SIZE TOC HOLE SIZE				CEMENTE DETERMI SETTING	NED BY		
LONG STRING							
SIZE TOC HOLE SIZE	5 1/2 3755 7 7/8	15.5 lbs/ft		CEMENTE DETERMI SETTING	NED BY	170 Calculated Est. 4838	
TOTAL DEPTH	4875 '						
		PR	ODUCI	NG INTER	VAL		
FORMATION SPUD DATE	Penrose Sand 2/2/2000			POOL OR COMPLET	FIELD TION DATE	EK Yates-Sever 1/0/1900	n Rivers-Queen
PERFORATED	4814 F	EET TO	4822	FEET			
STIMULATION	Acid- 500 gal 159	% NeFe, Frac- w/	15k gal	Viking 300	0 + 37.6k lbs	16/30 Ottawa Sd.	
OTHER PERFORATED ZONES Queen- 4573-90 CURRENT STATUS							
OF THE WELL	Pr	oducin <b>g</b>					
IF P&A, LIST PL	UGGING DETAILS	3					
						·····	

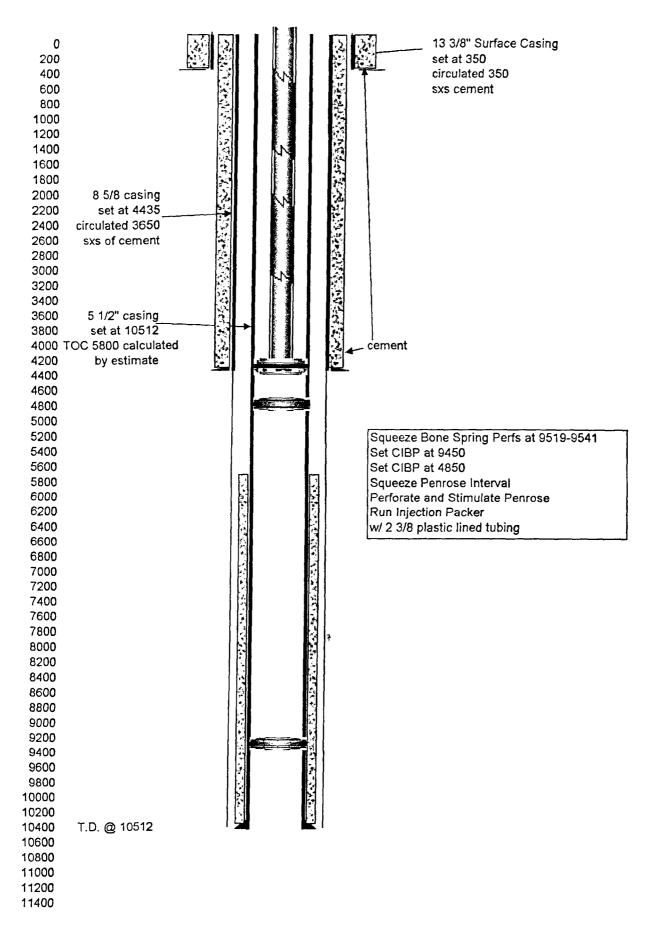
Tubing Size: 2 3/8 in	Lining Material: Plastic		
Type of Packer: AD-1			
Packer Setting Depth 4675±			
Other Type of Tubing/Casing Se	al ( if applicable)		
	Additional Data		
Is this a new well drilled for in If no, for what purpose was the Penrose Sand Produce	ne well originally drilled	_ x	_No
2. Name of the Injection Format Penrose- 4814-4822	ion		
3. Name of the Field or Pool ( if EK Yates Seven Rivers			
<ol> <li>Has the well ever been perfor List all such perforated interv of plug(s) used.</li> </ol>	ated in any other zone(s)?  Als and give plugging detail, i.e. sacks of cement		
Queen- 4573-90			
5. Give the name and depth of an injection zone in this area? Queen 4400' Grayburg 4450' Yates 3600'	ny oil or gas zones underlying or overlying the proposed		



OPERATOR WELL NO.	Seely Oil Company	LOC	LEASE Scharbauer 330 FSL & 1650 FWL	SECTION 20-18S-34E
		TUBL	JLAR DATA	UNII LETTER n
SURFACE CAS	ING		•	
SIZE TOC HOLE SIZE	8 5/8 Surface 12 1/4	20 lbs/ft	CEMENTED WITH DETERMINED BY SETTING DEPTH	300 sx. Circulation 451
INTERMEDIATE	CASING			
SIZE TÓC HOLE SIZE			CEMENTED WITH DETERMINED BY SETTING DEPTH	
LONG STRING				
SIZE TOC HOLE SIZE	4 1/2 9.5 8 3200 7 7/8	. 10.5 lbs/ft	CEMENTED WITH DETERMINED BY SETTING DEPTH	400 Calculated Est. 4820
TOTAL DEPTH	4820 '			
		PROD	UCING INTERVAL	
FORMATION SPUD DATE	Queen Sand 1/0/1900		POOL OR FIELD COMPLETION DATE	EK Yates-Seven Rivers-Queen 2/10/2000
PERFORATED	4474 FEET	TO 4	482 FEET	
STIMULATION	Acid- 1k gal KCl & 1	8k lbs sand		
OTHER PERFO			3	
	Penrose 4746-64	CURR	ENT STATUS	
OF THE WELL	Produc	ing		
IF P&A, LIST PL	UGGING DETAILS			

2 3/8 in	Plastic		
Type of Packer: AD-1			
Packer Setting Depth 4675±			
Other Type of Tubing/Casing	Seal ( if applicable)		
	Additional Data		
Is this a new well drilled fo If no, for what purpose was Queen Oil Producer		X	_No
2. Name of the Injection Form Penrose 4746-64	ation		
3. Name of the Field or Pool ( EK Yates Seven Riv			
4. Has the well ever been pert List all such perforated into of plug(s) used. Queen 4472-82	forated in any other zone(s)?  Provals and give plugging detail, i.e. sacks of cement		
5. Give the name and depth of injection zone in this area?  Queen 4400'  Grayburg 4450'  Yates 3600'	any oil or gas zones underlying or overlying the proposed		





OPERATOR WELL NO.	Yate Petroleum 1	LOC	LEASE Howe "TG" I 1980 FSL & 1830 FWL	<b>SECTION</b> 30-18S-34E		
		TUBULA	R DATA	UNIT LETTER k		
SURFACE CAS	ING					
SIZE TOC HOLE SIZE	13 3/8 48 lb Surface 17 1/2	s/ft	CEMENTED WITH DETERMINED BY SETTING DEPTH	350 sx. Circulation 350		
INTERMEDIATE	CASING					
SIZE TOC HOLE SIZE	8 5/8 32 lb Surface 12 1/4	s/ft	CEMENTED WITH DETERMINED BY SETTING DEPTH	3650 Circulation 4435		
LONG STRING						
SIZE TOC HOLE SIZE	5 1/2 17 lbs 5800 7 7/8	s/ft	CEMENTED WITH DETERMINED BY SETTING DEPTH	725 Calculated Est. 1051 <b>2</b>		
TOTAL DEPTH	10512 '					
		PRODUC	ING INTERVAL			
FORMATION SPUD DATE	Bone Spring 3/11/1982		POOL OR FIELD COMPLETION DATE	EK (Bone Spring) 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	TSTATUS			
OF THE WELL	Producing					
IF P&A, LIST PL	JGGING DETAILS					

Tubing Size: 2 3/8 in	Lining Material: Plastic		
Type of Packer: AD-1			
Packer Setting Depth 4675±			
Other Type of Tubing/Casing So	eal ( if applicable)		
	Additional Data		
Is this a new well drilled for in the life in the		X No	>
2. Name of the Injection Format Penrose Sand	tion		
3. Name of the Field or Pool ( if EK Yates Seven River			
<ol> <li>Has the well ever been performed list all such perforated interpreted of plug(s) used.</li> <li>Bone Spring 9519-954</li> </ol>	vals and give plugging detail, i.e. sacks of cement		
5. Give the name and depth of a injection zone in this area?  Queen 4400'  Grayburg 4450'  Yates 3600'	any oil or gas zones underlying or overlying the proposed		

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.