

Case 10648
NOV 21 1992
RECEIVED
OIL CONSERVATION DIVISION

APPLICATION FOR AUTHORIZATION TO INJECT

- I. Purpose: Secondary Recovery Pressure Maintenance
Application qualifies for administrative approval? Yes No
- II. Operator: Seely Oil Company
Address: 815 W. 10th St., Fort Worth, Tx. 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 geological data on the injection zone including appropriate lithologic detail, geological 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 source known to be immediately underlying the injection interval.
- IX. Describe the proposed stimulation program, if any.
- X. Attach appropriate logging and test data. If this data has been filed with the Division they need not be re-submitted.
- XI. Attach a chemical analysis of fresh water (if available and producing) within one mile of location of wells and dates samples were taken.
- XII. Applicants for disposal wells must have been examined available geologic and engineering data or any other hydrologic connection between the disposal well and source of drinking water.
- XIII. Applicants must complete the "Proof of Disposal" form.
- XIV. Certification

OIL CONSERVATION DIVISION
SEELY OIL COMPANY
ORDER NO. 10647 AND 10648

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: November 23, 1992

If the information required under Sections VI, VIII, X, and XI above has been previously submitted, it need not be duplicated and resubmitted. Please show the date and circumstance of the earlier submittal.

III. WELL DATA

A. The following well data must be submitted for each injection well covered by this application. The data must be both in tabular and schematic form and shall include:

- (1) Lease name; Well No.; location by Section, Township, and Range; and footage location within the section.
- (2) Each casing string used with its size, setting depth, sacks of cement used, hole size, top of cement, and how such top was determined.
- (3) A description of the tubing to be used including its size, lining material, and setting depth.
- (4) The name, model, and setting depth of the packer used or a description of any other seal system or assembly used.

Division District offices have supplies of Well Data Sheets which may be used or which may be used as models for this purpose. Applicants for several identical wells may submit a "typical data sheet" rather than submitting the data for each well.

B. The following must be submitted for each injection well covered by this application. All items must be addressed for the initial well. Responses for additional wells need be shown only when different. Information shown on schematics need not be repeated.

- (1) The name of the injection formation and, if applicable, the field or pool name.
- (2) The injection interval and whether it is perforated or open-hole.
- (3) State if the well was drilled for injection or, if not, the original purpose of the well.
- (4) Give the depths of any other perforated intervals and detail on the sacks of cement or bridge plugs used to seal off such perforations.
- (5) Give the depth to and name of the next higher and next lower oil or gas zone in the area of the well, if any.

XIV. PROOF OF NOTICE

All applicants must furnish proof that a copy of the application has been furnished, by certified or registered mail, to the owner of the surface of the land on which the well is to be located and to each leasehold operator within one-half mile of the well location.

Where an application is subject to administrative approval, a proof of publication must be submitted. Such proof shall consist of a copy of the legal advertisement which was published in the county in which the well is located. The contents of such advertisement must include:

- (1) The name, address, phone number, and contact party for the applicant;
- (2) the intended purpose of the injection well; with the exact location of single wells or the section, township, and range location of multiple wells;
- (3) the formation name and depth with expected maximum injection rates and pressures; and
- (4) a notation that interested parties must file objections or requests for hearing with the Oil Conservation Division, P. O. Box 2088, Santa Fe, New Mexico 87501 within 15 days.

NO ACTION WILL BE TAKEN ON THE APPLICATION UNTIL PROPER PROOF OF NOTICE HAS BEEN SUBMITTED.

NOTICE: Surface owners or offset operators must file any objections or requests for hearing of administrative applications within 15 days from the date this application was mailed to them.

SEELY OIL COMPANY

815 WEST TENTH STREET
FORT WORTH, TEXAS 76102

OIL CONSERVATION DIVISION
FORM C-108

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

I. Purpose:

Application is made for authorization to inject water into the Queen formation underlying various leases in Sections 7, 8, 9, 17, and 18 of Township 18 South, Range 34 East, 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.

All the wells in the proposed project area are primary depleted. Our engineering studies indicate that the injection of water into the Queen formation underlying these leases will result in the recovery of secondary oil in economic quantities, and should be beneficial to all parties holding any type of interest in the project area.

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. Three (3) wells are scheduled to be converted to water injection and the locations are as follows:

	Section	9-18S-34E	Unit Letter L	1980' FSL &	660' FWL
√	Section	9-18S-34E	Unit Letter M	660' FSL &	660' FWL
√	Section	7-18S-34E	Unit Letter E	2310' FNL &	660' FWL

Schematics are enclosed which show the current construction of these three wells as well as the proposed construction. Two (2) wells are scheduled to be re-entered and returned to water injection and are located as follows:

/ Section 7-18S-34E Unit Letter F 1650' FNL & 2176' FWL
/ Section 7-18S-34E Unit Letter G 1650' FNL & 1980' FEL

Schematics are enclosed which show the amount and location of plugs in addition to the proposed construction. Six (6) water injection wells are proposed to be drilled at the following locations:

Section 17-18S-34E Unit Letter A
Section 18-18S-34E Unit Letter A
Section 17-18S-34E Unit Letter C
Section 8-18S-34E Unit Letter L
Section 7-18S-34E Unit Letter M
Section 7-18S-34E Unit Letter L

One schematic, titled "Typical Water Injection Well" is enclosed representing the proposed construction of these six (6) wells to be drilled.

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 eleven (11) 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 62 wells that have been drilled through the Queen formation within the area of review. Thirty have been plugged and abandoned and 32 are producing. 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 200 barrels per day for each of the proposed eleven (11) injection wells.
2. All oil and water produced will be separated and stored in covered production tanks and all fresh water used will be stored in a covered steel tank; 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 well.
4. The source of injection fluid will be produced water from the producing wells within the unit and fresh water from the Ogollala aquifer when a fresh water supply well is drilled and completed within the unit boundary.
5. No water compatibility problems are expected since Ogollala water has been successfully injected into the Queen formation in the Murphy H. Baxter North EK Queen Unit and the Mobil EK Queen Unit, and compatibility tests were performed on various water samples within this Unit Area.

VIII. 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.

IX. Injection Zone Isolation:

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.

X. Certification:

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

A handwritten signature in cursive script, appearing to read "C. W. Seely", written over a horizontal line.

C. W. Seely, Petroleum Engineer

November 23, 1992

OFFSET OPERATORS

Section 8

Ray Westall
Box 4
Loco Hills, N.M. 88255

Amoco Production Company
P. O. Box 3092
Houston, Texas 77253
Attn: Mr. Dan Janik

Section 9

Meridian Oil, Inc.
801 Cherry Street, Suite 700
Fort Worth, Texas 76102

JFG Enterprises
Box 100
Artesia, N.M. 88211-0100

Collins & Ware
Box 2443
Roswell, N.M. 88202-2443

Section 16

Bass Enterprises Production Co.
201 Main Street, Suite 3100
Fort Worth, Texas 76102

Santa Fe Exploration Company
P. O. Box 1136
Roswell, N.M. 88202

Mobil Producing
Box 633
Midland, Texas 79702

Section 18

Oryx Energy Company
Box 1861
Claydesta Plaza
24 Smith Rd.
Midland, Texas 79703

Section 12

Oxy USA, Inc.
P. O. Box 50250
Midland, Texas 79710
Attn: Mr. Scott Gengler

Section 7

Chevron U.S.A. Inc.
Permian Basin Production Business Unit
P. O. Box 1150
Midland, Texas 79702

Marathon Oil Company
P. O. Box 552
Midland, Texas 79702
Attn: Mr. Tom Hill

Section 6

Maralo, Inc.
223 West Wall, 9th Fl.
Midland, Texas 79702

SURFACE:

Ray Pearce, Jr. 1
1717 Jackson
Pecos, Texas 79772

CENTRAL EK QUEEN UNIT

WORKING INTEREST OWNERS

J. Cleo Thompson & James Cleo Thompson, Jr., a Partnership
325 N. St. Paul, Suite 4500
Dallas, Texas 75201-3993

Patricia Dean Boswell, Trustee
1320 Lake Street
Fort Worth, Texas 76102

Santa Fe Exploration Company
P. O. Box 1136
Roswell, New Mexico 88202

John P. Oil Company
1320 Lake Street
Fort Worth, Texas 76102

Armstrong Energy Corp.

C.E.B. Oil Company
1320 Lake Street
Fort Worth, Texas 76102

Judy Harris

E.A.B. Oil Company
1320 Lake Street
Fort Worth, Texas 76102

Laurelind Corp.

P.V.B. Oil Company
1320 Lake Street
Fort Worth, Texas 76102

Frances Buckler
1809 Aden Rd.
Fort Worth, Tx. 76116

Houston & Emma Hill Trust Estate
500 Throckmorton, Suite 2803
Fort Worth, Texas 76102

Roger W. Moore
8504 Fairway Dr.
Fort Worth, Tx. 76116

Express Air Drilling, Inc.
2 Turtle Creek Village, Suite 1525
Dallas, Texas 75219

J. C. Maddux
1012 Ridglea Bank Bldg.
Fort Worth, Tx. 76116

Wes-Tex Drilling Company
P. O. Box 3739
Abilene, Texas 79604

Thomas J. Maddux
1012 Ridglea Bank Bldg.
Fort Worth, Tx. 76116

Northbrook Business Center
506 Fort Worth, Club Bldg.
Fort Worth, Texas 76102

Burnett Oil Company
801 Cherry Street, Suite 1500
Fort Worth, Texas 76102

Merlyn W. Dahlin and wife, Ruth G. Dahlin
3220 North Freeway
Fort Worth, Texas 76111

Charles P. Davis and wife, Shirley A. Davis
1307 8th Ave., Suite 308
Fort Worth, Texas 76104

David L. Henderson and wife, Dawn Henderson
815 W. 10th Street
Fort Worth, Texas 76102

Michael J. Havel and wife, Kathleen A. Havel
7607 Chalkstone
Dallas, Texas 75248

C. W. Stumhoffer and wife, Frieda T. Stumhoffer
1007 Ridglea Bank Bldg.
Fort Worth, Texas 76116

C. W. Seely and wife, Ina B. Seely
815 W. 10th Street
Fort Worth, Texas 76102

OVERRIDING ROYALTIES:

Bill M. Scales and wife, Mary T. Scales
500 Throckmorton, Suite 2803
Fort Worth, Texas 76102

Marc H. Lowrance, Jr. and wife, Mary Anne Lowrance
P. O. Box 9016
Fort Worth, Texas 76147

C. W. Seely and wife, Ina B. Seely
815 W. 10th St.
Fort Worth, Texas 76102

Amoco Production Company
P. O. Box 591
Tulsa, Oklahoma 74102

Thomas R. Smith
1505 S. CR 1130
Midland, Texas 79701

John Saleh
502 North 1st St.
Lamesa, Texas 79331

Linda W. Smith
P. O. Box 8974
Midland, Texas 79701

Santa Fe Exploration Co.
P. O. Box 1136
Roswell, New Mexico 88202

Windell A. Thomason
P. O. Box 411
Midland, Texas 79702-0411

David S. Googins, Jr.
P. O. Box 2591
Midland, Texas 79702-2591

George Weis
3300 "B" Moss Ct.
Midland, Texas 79707-3644

Bobby Hicks
3306 Andrews Hwy.
Midland, Texas 79703-5131

Marathon Oil Company
P. O. Box 552
Midland, Texas 79702

Dwight A. Free, Jr.
4356 Edmondson
Dallas, Texas 75205

John E. Casev
P. O. Box 10533
Midland, Texas 79702

Bradley A. Pomeroy
7514 East Hinsdale Avenue
Englewood, Colorado 80112

Hamon Operating Company
8411 Preston Rd, Suite 800
LB 33
Dallas, Texas 75225

ROYALTIES

State of New Mexico Commissioner of
Public Lands
P. O. Box 1148
Santa Fe, New Mexico 87504-1148

Lessee of Record

C. W. Stumhoffer & Frieda T. Stumhoffer
1007 Ridglea Bank Bldg.
Fort Worth, Texas 76116

Amoco Production Company
P. O. Box 3092
Houston, Texas 77253

Marathon Oil Company
P. O. Box 552
Midland, Texas 79702

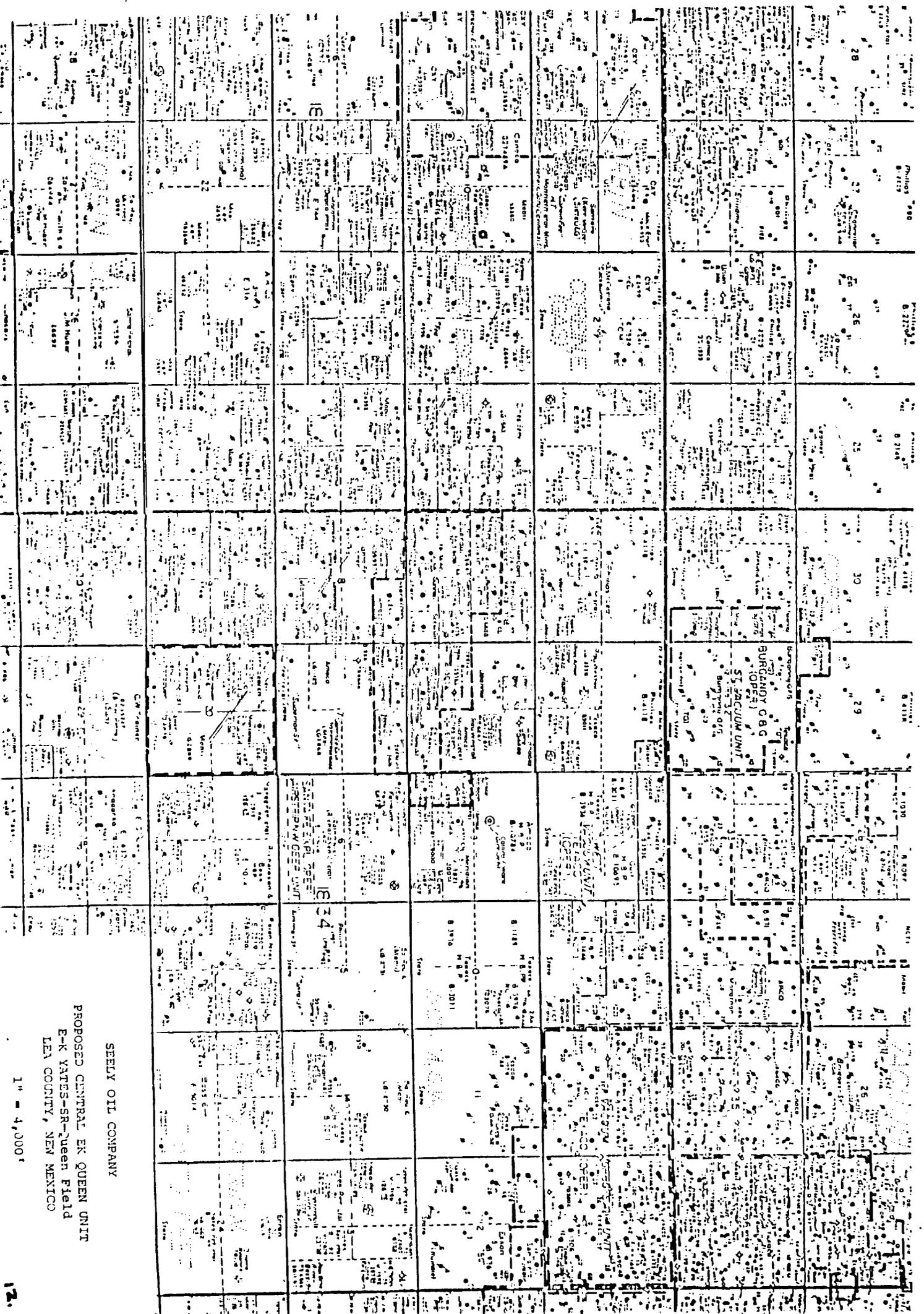
Santa Fe Natural Resorce, Inc.
& Ray Westall
P. O. Box 4
Loco Hills, New Mexico 88255

JFG Enterprises
Box 100
Artesia, New Mexico 88211-0100

Oxy USA, Inc.
P. O. Box 50250
Midland, Texas 79710

Pogo Producing Company
P. O. Box 10340
Midland, Texas 79702-7340

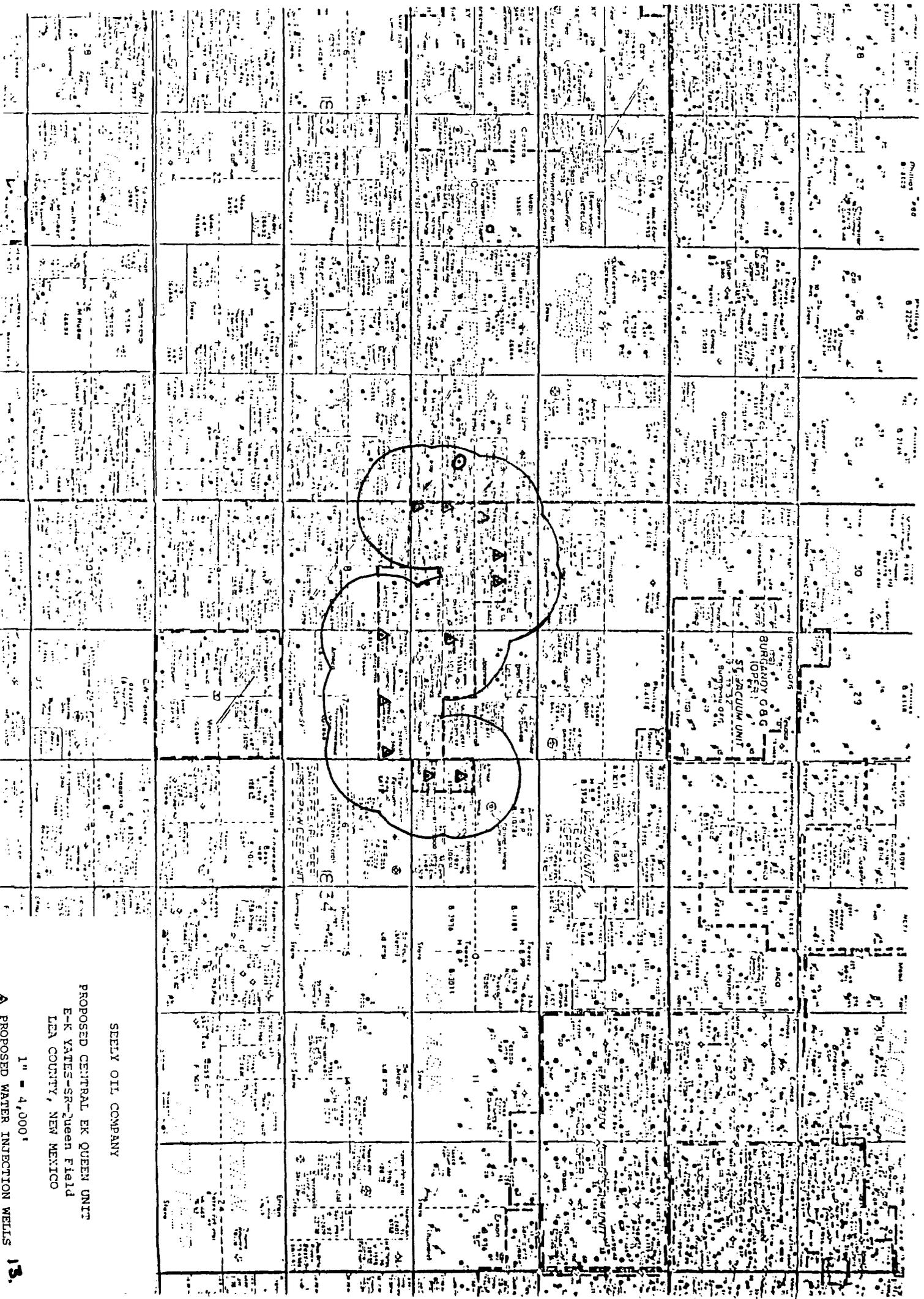
Chevron USA, Inc.
P. O. Box 1150
Midland, Texas 79702



SEELY OIL COMPANY

PROPOSED CENTRAL EK QUEEN UNIT
 E-K YATES-SR-Queen Field
 LEA COUNTY, NEW MEXICO

1" = 4,000'



SEELY OIL COMPANY

PROPOSED CENTRAL EK QUEEN UNIT
 E-K YATES-SR-Queen Field
 LEA COUNTY, NEW MEXICO

1" = 4,000'
 PROPOSED WATER INJECTION WELLS

INJECTION WELL DATA SHEET

Seely Oil Company

State OG 2414

OPERATOR		LEASE			
1	2310' FNL & 660' FWL	7	18S	34E	E
WELL NO.	FOOTAGE LOCATION	SECTION	TOWNSHIP	RANGE	

Schematic

See Attached.

Tabular Data

Surface Casing

Size 13-3/8" 48# " Cemented with 400 sx.
 TOC Surface feet determined by Circulation
 Hole size 17-1/2" Set at 375'

Intermediate Casing

Size 8-5/8" 24 & 32# Cemented with 1550 sx.
 TOC Surface feet determined by Circulation
 Hole size 11" Set at 3725'

Long string

PROPOSED

Size 4-1/2" 10.5# Cemented with 300 sx.
 TOC 3100 (estimated) feet determined by Calculation
 Hole size 7-7/8" Set at 4600'
 Total depth 9000'

Injection interval

4361 feet to 4366 feet
 (perforated or open-hole, indicate which)

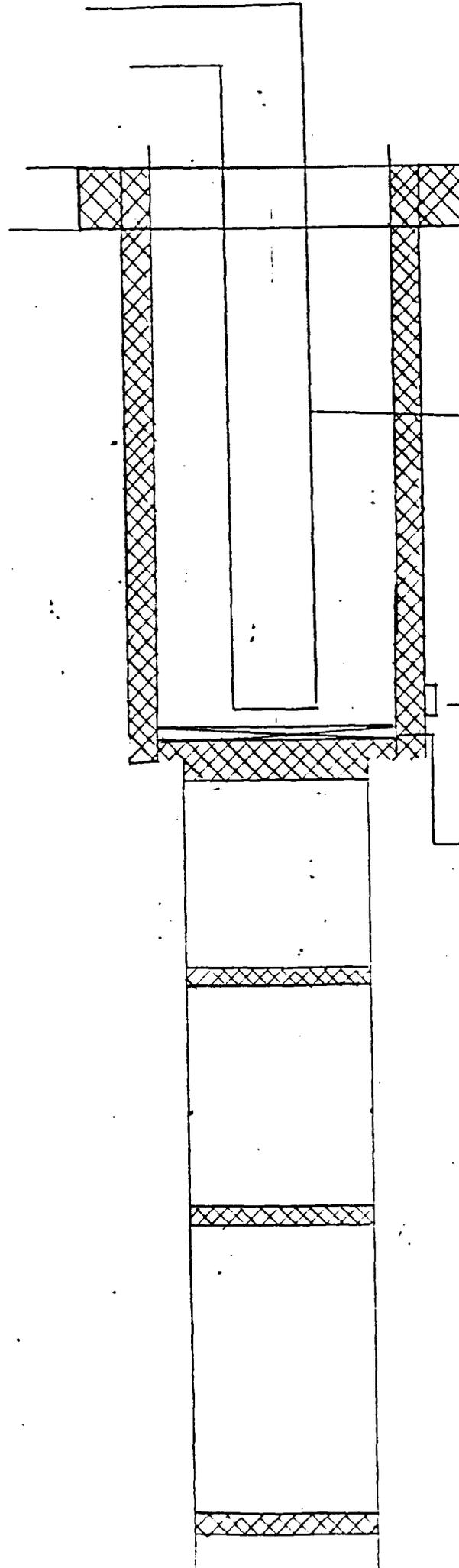
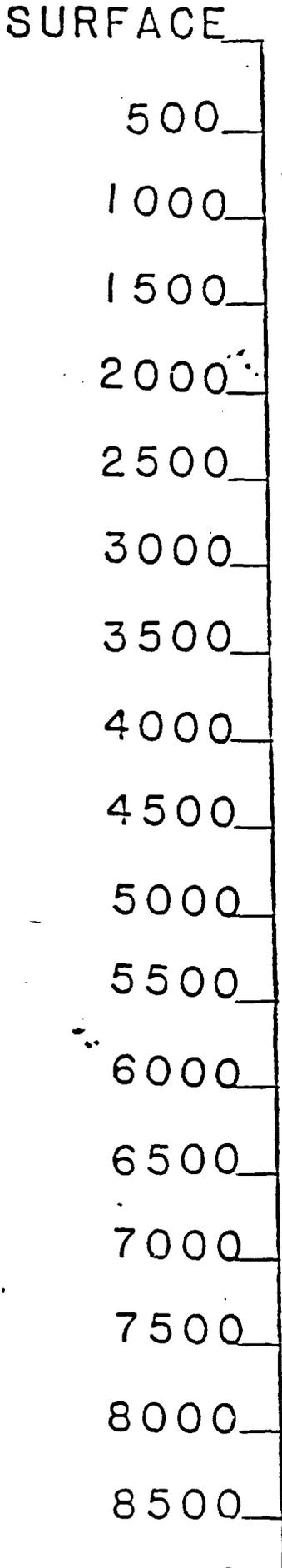
Tubing size 2-3/8" lined with plastic set in a
 (material)
Guiberson Uni-1 packer at 4250 feet
 (brand and model)

(or describe any other casing-tubing seal).

Other Data

- Name of the injection formation Queen
- Name of Field or Pool (if applicable) E-K Yates-Seven Rivers-Queen
- Is this a new well drilled for injection? Yes No
 If no, for what purpose was the well originally drilled? Drilled to 9000' to test the Bone Springs. Is currently producing from the Yates formation.
- Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacs of cement or bridge plug(s) used) Yes. 3321-25', 3331-37', 3347-53', 3420-28', 3434-41, 3444-47, total of 62 holes. Will be squeezed prior to conversion to water injection.
- Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area. Yates 3300', Grayburg 4500'

STATE OG-2414 #1
SW NW 7-18S-34E E
LEA COUNTY, NEW MEXICO
(CURRENT CONSTRUCTION)



13-3/8" SURFACE CASING SET
AT 375' WITH CEMENT CIRCULATED

2 3/8" PRODUCTION TUBING

PERFORATIONS 3321-3447 62 holes

8 5/8" INTERMEDIATE CASING
SET AT 3725' WITH CEMENT
CIRCULATED

CEMENT RETAINER SET AT 3615'
WITH 165 SACKS SQUEEZED BELOW
RETAINER

50 SACK PLUG AT 5000-5100

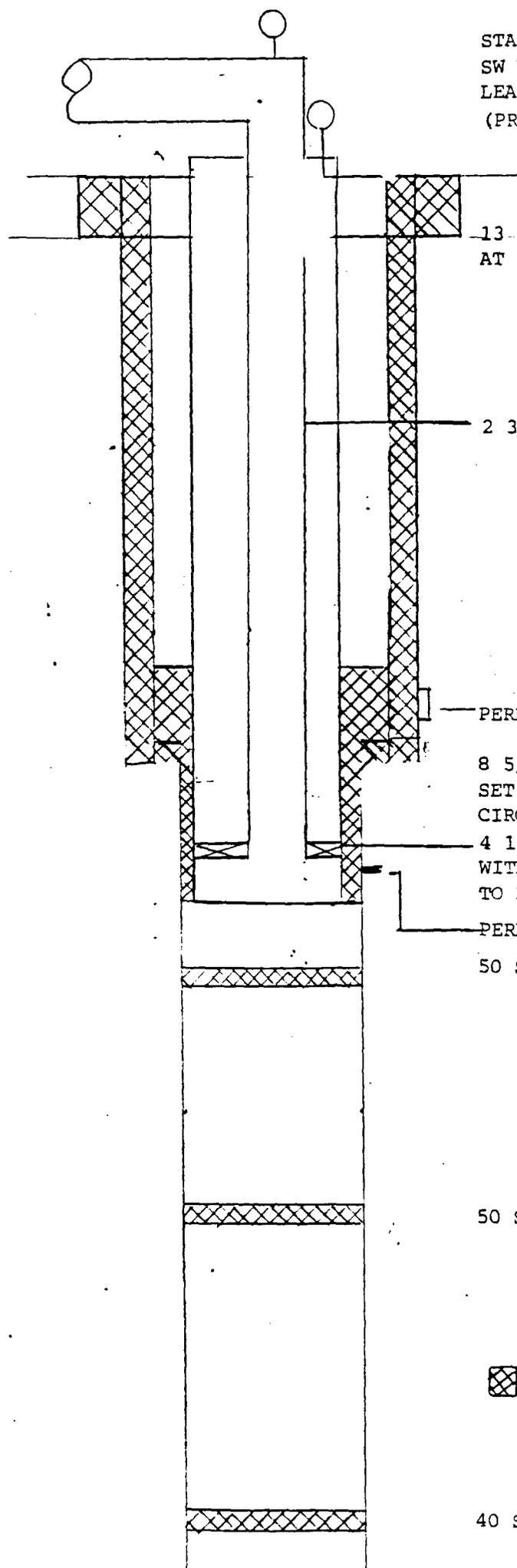
50 SACK PLUG AT 6500-6600

40 SACK PLUG AT 8450-8550

STATE OG-2414 #1
SW NW 7-18S-34E E
LEA COUNTY, NEW MEXICO
(PROPOSED CONSTRUCTION)

SURFACE

500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
6000
6500
7000
7500
8000
8500



13 3/8" SURFACE CASING SET AT 375' WITH CEMENT CIRCULATED

2 3/8" PLASTIC LINED TUBING

PERFORATIONS SQUEEZED

8 5/8" INTERMEDIATE CASING SET AT 3725' WITH CEMENT CIRCULATED

4 1/2" CASING SET AT 4600' WITH TOP OF CEMENT CALCULATED TO BE APPROX. 3100'

PERFORATIONS 4361-4366'

50 SACK PLUG AT 5000-5100'

50 SACK PLUG AT 6500-6600'

 CEMENT

40 SACK PLUG AT 8450-8550'

INJECTION WELL DATA SHEET

Marathon Oil Corp.		State M		
OPERATOR		LEASE		
2	2176' FWL & 1650' FNL	7	18S	34E F
WELL NO.	FOOTAGE LOCATION	SECTION	TOWNSHIP	RANGE

Schematic

See Attached.

Tabular Data

Surface Casing

Size 7-5/8" 26# " Cemented with 175 sx.
 TOC Surface feet determined by Circulated
 Hole size 10-3/4" Set at 384'

Intermediate Casing

Size _____ " Cemented with _____ sx.
 TOC _____ feet determined by _____
 Hole size _____

Long string

Size 4-1/2" 11.6# " Cemented with 200 sx.
 TOC 3000' (estimated) feet determined by Calculation
 Hole size 6-3/4" Set at 4419'
 Total depth 4421'

Injection interval

4348 feet to 4355 feet
 (perforated or open-hole, indicate which)

Tubing size 2-3/8" lined with plastic set in a
 (material)
Guiberson Uni-1 packer at 4250± feet
 (brand and model)

(or describe any other casing-tubing seal).

Other Data

- Name of the injection formation Queen
- Name of Field or Pool (if applicable) E-K Yates-Seven Rivers-Queen
- Is this a new well drilled for injection? Yes No
 If no, for what purpose was the well originally drilled? Oil producer from Queen formation
- Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used) Yes, 4 squeeze holes @ 1700' cemented w/100 sx. of cement above anhydrite section
- Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area. Yates 3600', Grayburg 4600'

STATE M #2
SE NW 7-18S-34E F
LEA COUNTY, NEW MEXICO
(PRESENT CONDITION)

SURFACE

500

1000

1500

2000

2500

3000

3500

4000

4500

5000

5500

6000

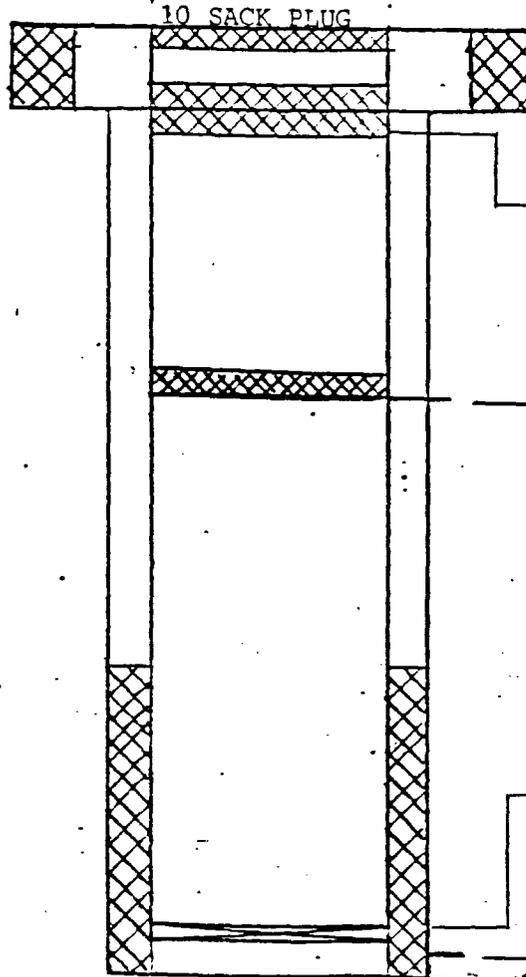
6500

7000

7500

8000

8500



7 5/8" SURFACE CASING SET AT
384' WITH CEMENT CIRCULATED

25 SACK CEMENT PLUG AT 394'

4 SQUEEZE HOLES AT 1700'
CEMENTED WITH 100 SACKS

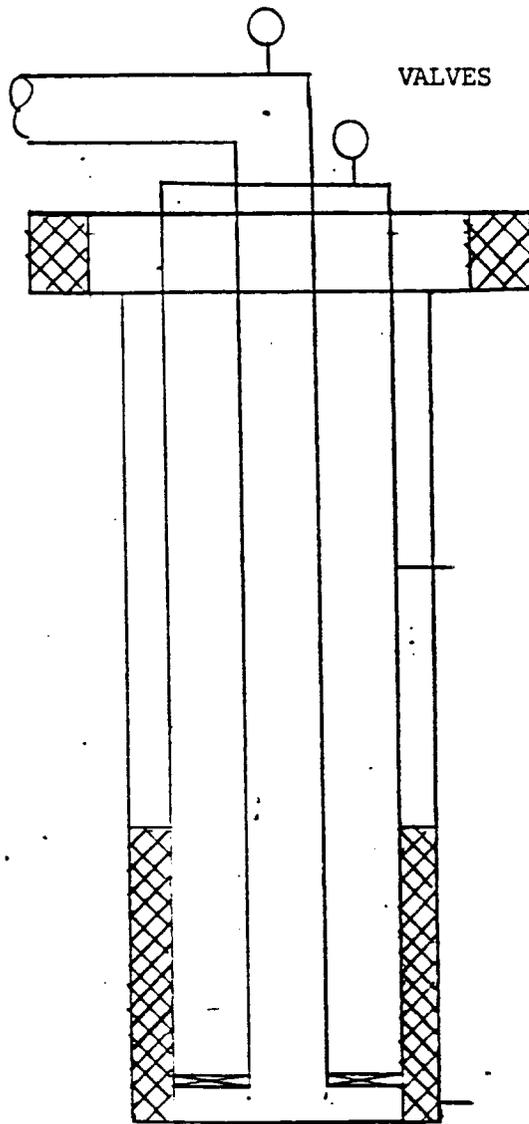
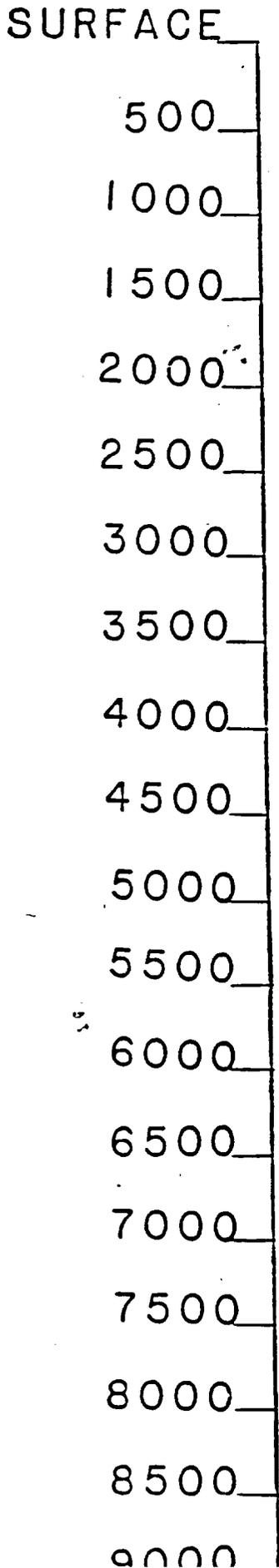
TOP OF CEMENT AT 1545'

20 SACK CEMENT PLUG ON TOP
OF CIBP AT 4325'

PERFORATIONS 4348-4355

4 1/2" CASING SET AT 4419'
WITH CEMENT TOP CALCUTED TO
BE APPROX. 3000'

 CEMENT



STATE M #2
 SE NW 7-18S-34E F
 LEA COUNTY, NEW MEXICO
 (PROPOSED CONSTRUCTION)

7 5/8" SURFACE CASING
 SET AT 384' WITH CEMENT
 CIRCULATED

4 SQUEEZE HOLES AT 1700'
 CEMENTED WITH 100 SACKS

2 3/8" PLASTIC LINED TUBING

INJECTION PACKER AT 4250+

PERFORATIONS 4348-4355

4 1/2" CASING SET AT 4419'
 WITH CEMENT TOP CALCUTED
 TO BE APPROX. 3000'

 CEMENT

INJECTION WELL DATA SHEET

Seely Oil Company		State "CL"		
OPERATOR	LEASE			
7	1650' FNL & 1980' FEL	7	18S	34E G
WELL NO.	FOOTAGE LOCATION	SECTION	TOWNSHIP	RANGE

Schematic

See Attached.

Tabular Data

Surface Casing

Size 13-3/8" 35.6# Cemented with 320 sx.
 TOC Surface feet determined by Circulation
 Hole size 17-1/2" Set at 330'

Intermediate Casing

Size _____ " Cemented with _____ sx.
 TOC _____ feet determined by _____
 Hole size _____

Long string

Size 4-1/2" 9.5# " Cemented with 320 sx.
 TOC 3000' (estimated) feet determined by Calculation
 Hole size 8" Set at 4413'
 Total depth 4413'

Injection interval

4342 feet to 4360 feet
 (perforated or open-hole, indicate which)

Tubing size 2-3/8" lined with plastic set in a
 (material)
Guiberson Uni-1 packer at 4300± feet
 (brand and model)

(or describe any other casing-tubing seal).

Other Data

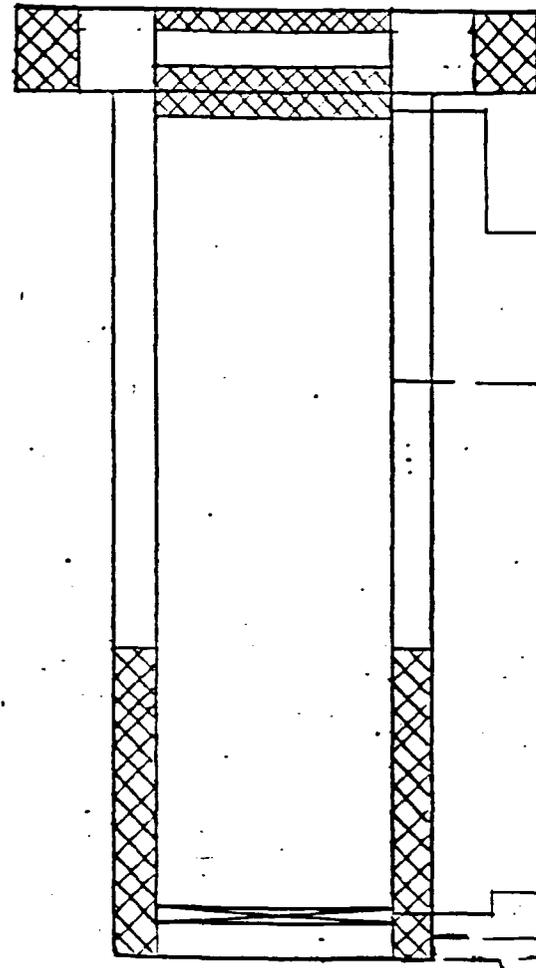
- Name of the injection formation Queen
- Name of Field or Pool (if applicable) E-K Yates - Seven Rivers-Queen
- Is this a new well drilled for injection? Yes No
 If no, for what purpose was the well originally drilled? Oil producer from Queen formation
- Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used) Yes - 4 squeeze holes at 1700', squeezed w/50 sxs. cement to isolate anhydrite section
- Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area. Yates 3600', Grayburg 4600'

STATE "CL" #7
SW NE 7-18S-34E G
LEA COUNTY, NEW MEXICO
(PRESENT CONDITION)

SURFACE

10 SACK PLUG.

500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
6000
6500
7000
7500
8000
8500



13 3/8" SURFACE CASING
SET AT 321' WITH CEMENT
CIRCULATED

100' CEMENT PLUG FROM
280-380

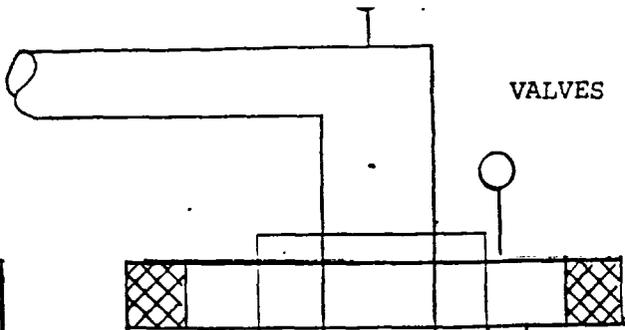
4 SQUEEZE HOLES AT 1700'
CEMENTED WITH 50 SACKS

30 SACK CEMENT PLUG ON
CIBP AT 4325'

PERFORATIONS 4342-4360

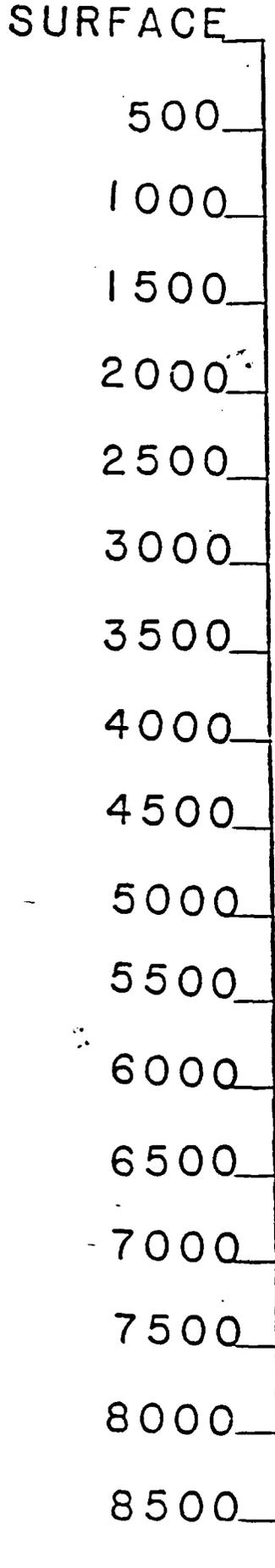
4 1/2" CASING SET AT 4413
WITH CEMENT TOP CALCUTED
TO BE APPROX. 3000'

 CEMENT



VALVES

STATE "CL" #7
 SW NE 7-18S-34E G
 LEA COUNTY, NEW MEXICO
 (PROPOSED CONSTRUCTION)



13 3/8" SURFACE CASING
 SET AT 321' WITH CEMENT
 CIRCULATED

4 SQUEEZE HOLES AT 1700'
 CEMENTED WITH 50 SACKS
 CEMENT

2 3/8" PLASTIC LINED TUBING

INJECTION PACKER AT 4300+

PERFORATIONS 4342-4360

4 1/2" CASING SET AT 4413'
 WITH CEMENT TOP CALCUTED TO
 BE APPROX. 3000'

 CEMENT

INJECTION WELL DATA SHEET

Seely Oil Company

Rhodes State

OPERATOR		LEASE			
1	660' FSL & 660' FWL	9	18S	34E	M
WELL NO.	FOOTAGE LOCATION	SECTION	TOWNSHIP	RANGE	

Schematic

See Attached.

Tabular Data

Surface Casing

Size 8-5/8" 24# " Cemented with 275 sx.

TOC Surface feet determined by Circulated

Hole size 11" Set at 393'

Intermediate Casing

Size _____ " Cemented with _____ sx.

TOC _____ feet determined by _____

Hole size _____

Long string

Size 4-1/2" 10.5# " Cemented with 1000 sx.

TOC Surface feet determined by Circulated

Hole size 7-7/8"

Total depth 4482'

Injection interval

4387 feet to 4415 feet
(perforated or open-hole, indicate which)

Tubing size 2-3/8" lined with plastic (material) set in a
Guiberson Uni-1 packer at 4300± feet
(brand and model)

(or describe any other casing-tubing seal).

Other Data

1. Name of the injection formation Queen

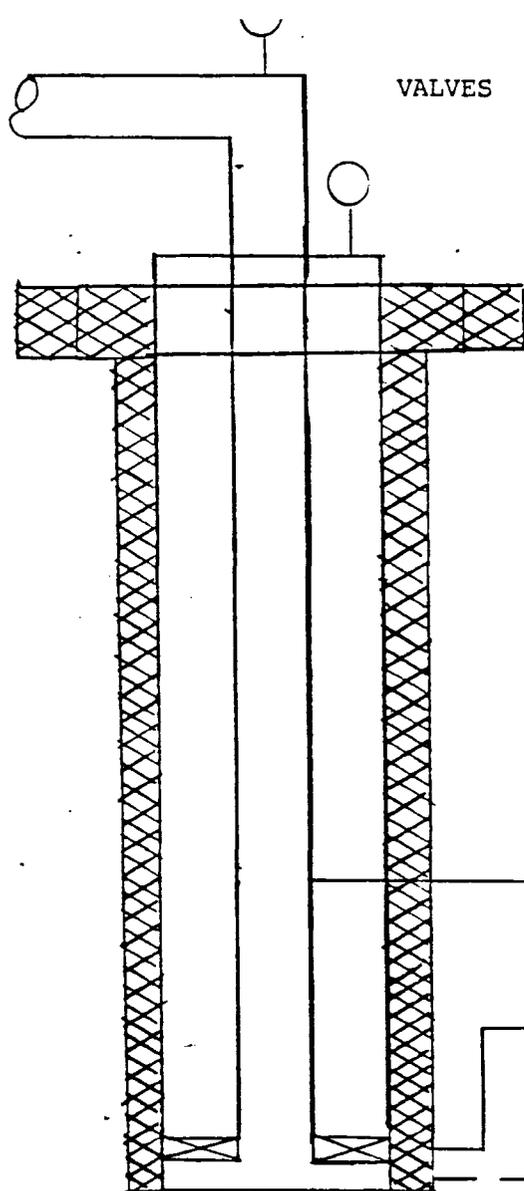
2. Name of Field or Pool (if applicable) E-K Yates-Seven Rivers-Queen

3. Is this a new well drilled for injection? Yes No

If no, for what purpose was the well originally drilled? Oil producer in Queen

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used) None

5. Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area. Yates 3600', Grayburg 4450'



VALVES

RHODES-STATE #1
 SW SW 9-18S-34E (M)
 LEA COUNTY, NEW MEXICO

SURFACE

500
 1000
 1500
 2000
 2500
 3000
 3500
 4000
 4500
 5000
 5500
 6000
 6500
 7000
 7500
 8000
 8500
 9000

8 5/8" SURFACE CASING
 SET AT 393' WITH CEMENT
 CIRCULATED

2 3/8" PLASTIC LINED TUBING

INJECTION PACKER AT 4300'±

PERFORATIONS 4387-4415

4 1/2" CASING SET AT 4482'
 WITH CEMENT CIRCULATED

 CEMENT

INJECTION WELL DATA SHEET

Seely Oil Company		State HS		
OPERATOR		LEASE		
2		9	18S	34E
WELL NO.	FOOTAGE LOCATION	SECTION	TOWNSHIP	RANGE

Schematic

See Attached

Tabular Data

Surface Casing

Size 13-3/8" 54.5# Cemented with 550 sx.

TOC Surface feet determined by Circulation

Hole size 20" & 17-1/2"

Intermediate Casing

Size 8-5/8" 24 & 32# Cemented with 1650 sx.

TOC Surface feet determined by Circulation

Hole size 11"

Long string

Size 5-1/2" 15.5# & 17# Cemented with 1500 sx.

TOC Surface feet determined by Circulation

Hole size 7-7/8"

Total depth 9000'

Injection interval

4380 feet to 4385 feet
(perforated or open-hole, indicate which)

Tubing size 2-3/8" lined with Plastic set in a
(material)
Watson Nickel Plated packer at 4254.54 feet
(brand and model)

(or describe any other casing-tubing seal).

Other Data

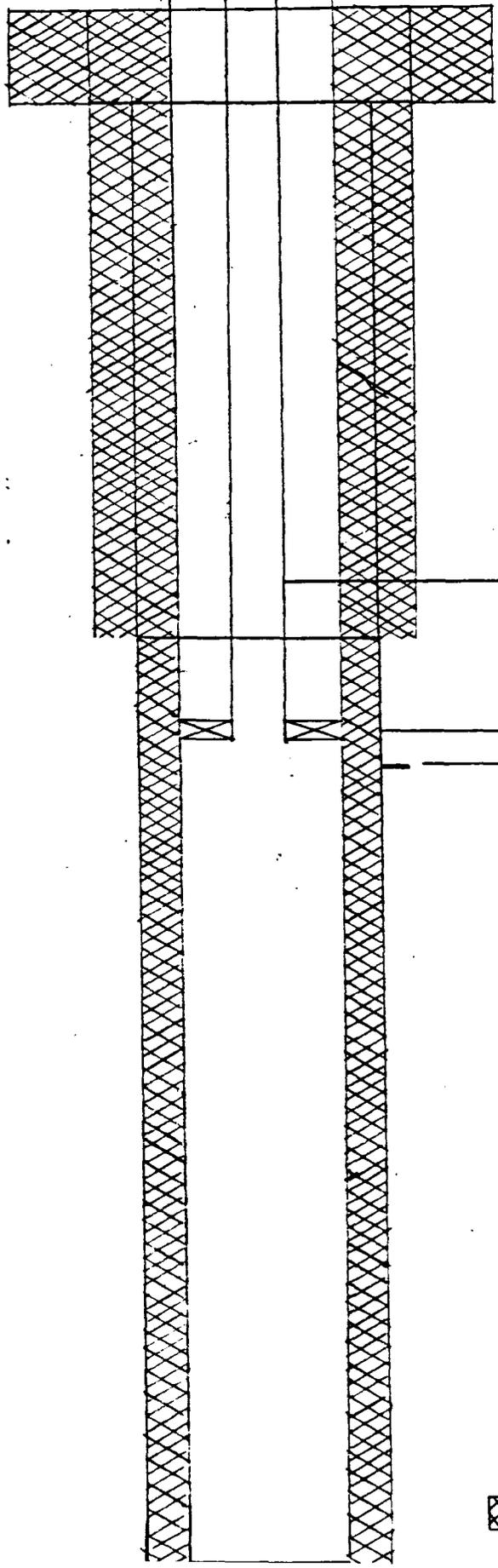
- Name of the injection formation Queen
- Name of field or pool (if applicable) E-K Yates-Seven Rivers-Queen
- Is this a new well drilled for injection? Yes No
If no, for what purpose was the well originally drilled? To test the Bone Springs formation for oil & gas production
- Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used) _____
- Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area. Yates 3600, Grayburg 4450

STATE HS #2
NW SW 9-18S-34E L
LEA COUNTY, NEW MEXICO

SURFACE

500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
6000
6500
7000
7500
8000
8500
9000

VALVES



1 3/8" SURFACE CASING
AT 516' WITH CEMENT
CIRCULATED

2 3/8" PLASTIC LINED TUBING

8 5/8" INTERMEDIATE
CASING AT 3600' WITH
CEMENT CIRCULATED

INJECTION PACKER AT 4254.54
PERFORATIONS 4380-4385

5 1/2" PRODUCTION CASING
SET AT 9000' WITH CEMENT
CIRCULATED

 CEMENT

INJECTION WELL DATA SHEET

Seely Oil Company Central EK Queen Unit
 OPERATOR LEASE
 "Typical Water Injection Well"
 WELL NO. FOOTAGE LOCATION SECTION TOWNSHIP RANGE

Schematic

Tabular Data

Surface Casing

Size 8-5/8 " Cemented with 1000 sx.
 TOC Surface feet determined by Circulation
 Hole size 11"

Intermediate Casing

Size _____ " Cemented with _____ sx
 TOC _____ feet determined by _____
 Hole size _____

Long string

Size 4-1/2" 10.5# " Cemented with 400 sx
 TOC 2800 (est.) feet determined by Calculation
 Hole size 7-7/8"
 Total depth 4500'

Injection Interval

4350 feet to 4400 feet
 (perforated or open-hole, indicate which)

Tubing size 2-3/8" lined with Plastic set in a
 (material)
Guiberson Uni-I packer at 4300' feet
 (brand and model)
 (or describe any other casing-tubing seal).

Other Data

- Name of the injection formation Queen
- Name of Field or Pool (if applicable) EK Yates-Seven Rivers-Queen
- Is this a new well drilled for injection? Yes No
 If no, for what purpose was the well originally drilled? _____
- Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used) No
- Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area. Yates 3300, Grayburg 4500.

"Typical Water Injection Well"
E-K Yates-Seven Rivers-Queen Are
Lea County, New Mexico

SURFACE

500

1000

1500

2000

2500

3000

3500

4000

4500

5000

5500

6000

6500

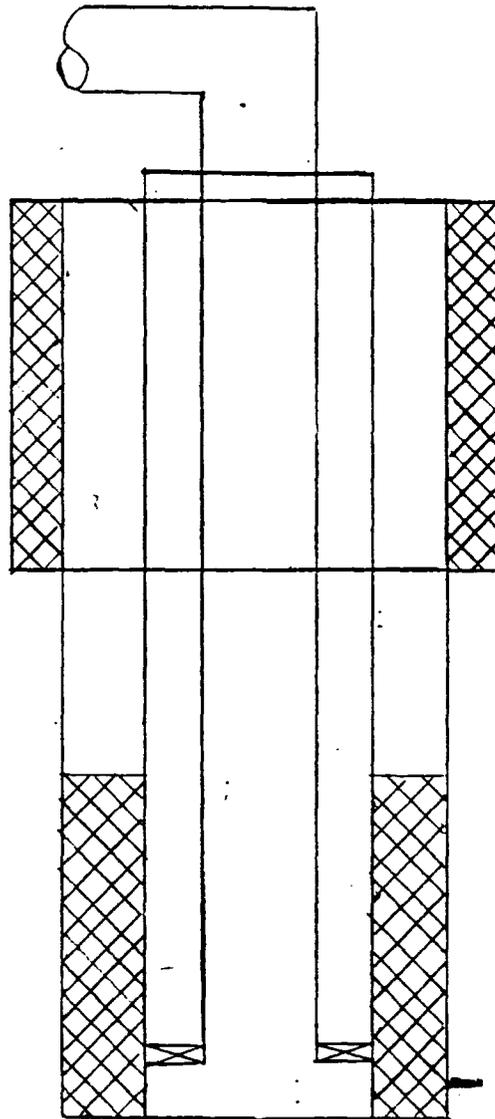
7000

7500

8000

8500

9000



8-5/8" surface casing set at
approx. 1700' and cemented to
surface

2-3/8" plastic lined tubing

Injection packer set at
approx. 4300'

Perforations in Queen at
approx. 4350-4400.

4-1/2" production casing set
at approx. 4500' with top of
cement at approx. 2800'

 Cement

WELL DATA SHEET

OPERATOR: Oxy USA LEASE: State DW
WELL NO.: 5 FOOTAGE: 660' FSL & 660' FEL SECTION: 12-18S-34E

TUBULAR DATA

SURFACE CASING

SIZE: 13-3/8" 48#/ft. CEMENTED WITH: 500 SX.
TOC: Surface FEET DETERMINED BY: Circulation
HOLE SIZE: 17-1/2" SETTING DEPTH: 348'

INTERMEDIATE CASING

SIZE: 8-5/8" 24 & 32# CEMENTED WITH: 1300 SX.
TOC: Surface FEET DETERMINED BY: Circulation
HOLE SIZE: 11" SETTING DEPTH: 3300'

LONG STRING

SIZE: 5-1/2" 15.5# & 17# CEMENTED WITH: 1335 SX.
TOC: 3300' FEET DETERMINED BY: CBL
HOLE SIZE: 7-7/8" SETTING DEPTH: 9030'
TOTAL DEPTH: 9030'

PRODUCING INTERVAL

FORMATION: Yates POOL OR FIELD: EK Yates-Seven Rivers-Queen
SPUD DATE: 7/24/84 COMPLETION DATE: 12/27/84
PERFORATED: 3343 FEET TO 3478 FEET

STIMULATION: Acid - 2000 gals. 7-1/2% HCL, Frac - 26,000 gals. & 59,000# 12/20 sand

OTHER PERFORATED ZONES: Bone Springs 8689-8876, San Andres 5091-5096

CURRENT STATUS

WHAT IS CURRENT STATUS OF WELL? Producing from Yates formation

IF P&A, LIST PLUGGING DETAILS: _____

WELL DATA SHEET

OPERATOR: Oxy USA LEASE: State "DW"
WELL NO.: 3 FOOTAGE: 1980' FNL & 660' FEL SECTION: 12-18S-33E H

TUBULAR DATA

SURFACE CASING

SIZE: 13-3/8" 48# CEMENTED WITH: 500 SX.
TOC: Surface FEET DETERMINED BY: Circulation
HOLE SIZE: 17-1/2" SETTING DEPTH: 350

INTERMEDIATE CASING

SIZE: 8-5/8" 24 & 32# CEMENTED WITH: 1300 SX.
TOC: Surface FEET DETERMINED BY: Circulation
HOLE SIZE: 11" SETTING DEPTH: 3304'

LONG STRING

SIZE: 5-1/2" 15.5 & 17# CEMENTED WITH: 1900 SX.
TOC: 3700 FEET DETERMINED BY: CBL
HOLE SIZE: 7-7/8" SETTING DEPTH: 8949'
TOTAL DEPTH: 8950'

PRODUCING INTERVAL

FORMATION: Yates POOL OR FIELD: E-K Yates-Seven Rivers-Queen
SPUD DATE: 6/1/84 COMPLETION DATE: 10/16/84
PERFORATED: 3342 FEET TO 3379 FEET

STIMULATION: 2000 gallons 7-1/2% acid plus 15,000 gallons 2% KCL water plus 15,000 gallons CO₂ (71 tons) plus 18,000# 20/40 sand plus 48,000# 12/20 sand

OTHER PERFORATED ZONES: Unknown

CURRENT STATUS

WHAT IS CURRENT STATUS OF WELL? Pumping oil well

IF P&A, LIST PLUGGING DETAILS: _____

WELL DATA SHEET

OPERATOR: Oxy USA LEASE: State "DW"

WELL NO.: 6 FOOTAGE: 1980' FSL & 330' FEL SECTION: 12-18S-33E I

TUBULAR DATA

SURFACE CASING

SIZE: 13-3/8" 48# CEMENTED WITH: 500 SX.
TOC: Surface FEET DETERMINED BY: Circulation
HOLE SIZE: 17-1/2" SETTING DEPTH: 349'

INTERMEDIATE CASING

SIZE: 8-5/8" 24 & 32# CEMENTED WITH: 1300 SX.
TOC: Surface FEET DETERMINED BY: Circulation
HOLE SIZE: 11" SETTING DEPTH: 3300'

LONG STRING

SIZE: 5-1/2" 15.5 & 17# CEMENTED WITH: 1265 SX.
TOC: 3310 FEET DETERMINED BY: CBL
HOLE SIZE: 7-7/8" SETTING DEPTH: 8914'

TOTAL DEPTH: 8914'

PRODUCING INTERVAL

FORMATION: Bone Springs POOL OR FIELD: Mescalero Escarpe (Bone Springs)
SPUD DATE: 8/17/84 COMPLETION DATE: 9/18/84
PERFORATED: 8606 FEET TO 8789' FEET

STIMULATION: 8500 gallons 15% NEFE acid

OTHER PERFORATED ZONES: None

CURRENT STATUS

WHAT IS CURRENT STATUS OF WELL? Pumping oil well

IF P&A, LIST PLUGGING DETAILS: _____

WELL DATA SHEET

OPERATOR: Plateau Oil Company LEASE: State

WELL NO.: 1 FOOTAGE: 660' FEL & 1980' FSL SECTION: 12-18S-33E I

TUBULAR DATA

SURFACE CASING

SIZE: 8-5/8" CEMENTED WITH: 250 SX.
TOC: Surface FEET DETERMINED BY: Circulation
HOLE SIZE: 11" SETTING DEPTH: 300'

INTERMEDIATE CASING

SIZE: 7" 23# CEMENTED WITH: 500 SX.
TCC: 1800 (estimated) FEET DETERMINED BY: Calculation
HOLE SIZE: 8-1/4" SETTING DEPTH: 4364'

LONG STRING

SIZE: 5-1/2" 15.5# (liner) CEMENTED WITH: 300 SX.
TOC: 3760 FEET DETERMINED BY: Unknown
HOLE SIZE: 7-7/8" SETTING DEPTH: 3760-5465'
TOTAL DEPTH: 5513'

PRODUCING INTERVAL

FORMATION: San Andres POOL OR FIELD: E-K San Andres
SPUD DATE: 5/25/55 COMPLETION DATE: 10/10/55
PERFORATED: 5062 FEET TO 5390 FEET

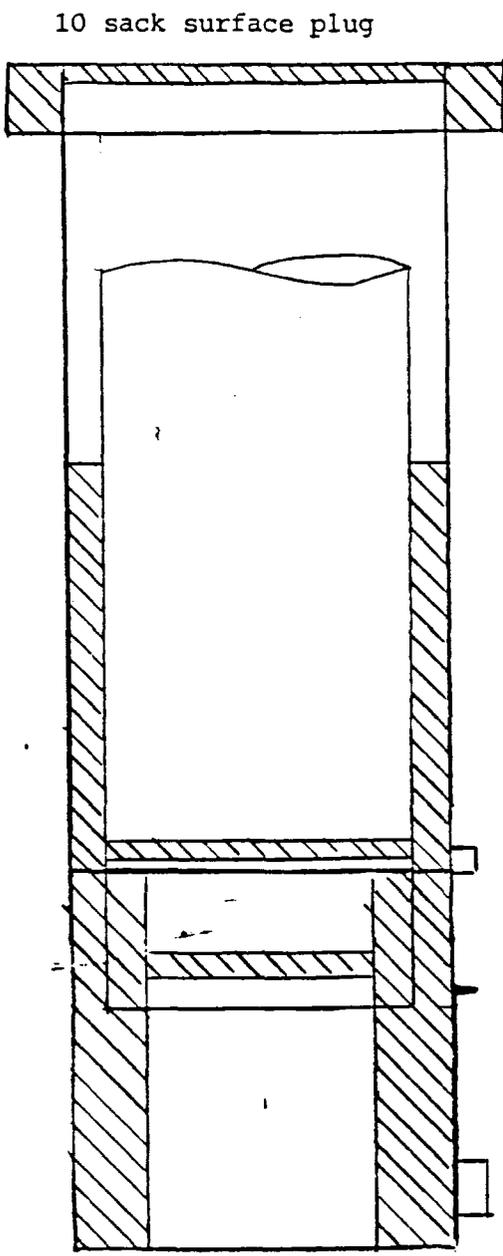
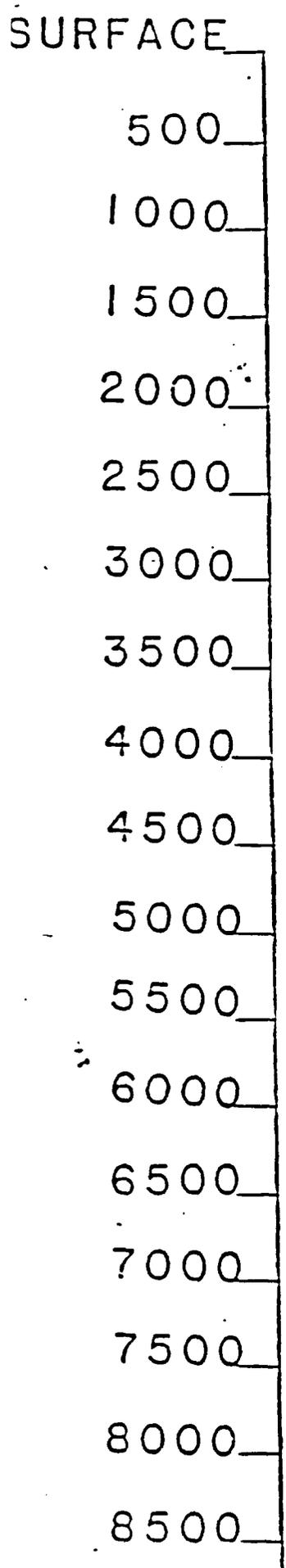
STIMULATION: 10,000 gallons crude and 15,000# sand

OTHER PERFORATED ZONES: Queen 4345-4364', Yates 3695-3762'

CURRENT STATUS

WHAT IS CURRENT STATUS OF WELL? P&A

IF P&A, LIST PLUGGING DETAILS: Squeezed perfs. 4345-64' and 3695-3762',
20 sxs. at 4200', 10 sxs. at 3700', cut and pulled casing from 950',
10 sxs. surface plug.



TD 5513'

 Cement

8-5/8" surface casing set at 300' with cement circulated

Top of cement calculated to be approx. 1800'

7" casing set at 4364'

Perforations 3695-3762' squeezed

10 sx. plug at 3700'

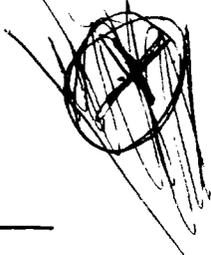
20 sx. plug at 4200'

Perforations 4345-4364' squeezed

Perforations 5062-5390'

5-1/2" liner set at 3760-5465' with top of cement at 3760'

WELL DATA SHEET



OPERATOR: Oxy USA LEASE: State "DW"
WELL NO.: 1 FOOTAGE: 1980' FSL & 1650' FEL SECTION: 12-18S-~~44~~4E J

TUBULAR DATA

SURFACE CASING

SIZE: 13-3/8" 48 & 61# CEMENTED WITH: 600 SX.
TOC: Surface FEET DETERMINED BY: Circulation
HOLE SIZE: 17-1/2" SETTING DEPTH: 500

INTERMEDIATE CASING

SIZE: 8-5/8" 24 & 32# CEMENTED WITH: 4105 SX.
TOC: Surface FEET DETERMINED BY: Circulation
HOLE SIZE: 11" SETTING DEPTH: 5283'

LONG STRING

SIZE: 5-1/2" 17# CEMENTED WITH: 950 SX.
TOC: 6490 FEET DETERMINED BY: CBL
HOLE SIZE: 7-7/8" SETTING DEPTH: 10,866
TOTAL DEPTH: 11,094'

PRODUCING INTERVAL

FORMATION: Bone Springs POOL OR FIELD: Mescalero Escarpe (Bone Springs)
SPUD DATE: 1/31/84 COMPLETION DATE: 4/17/84
PERFORATED: 8803 FEET TO 8883 FEET

STIMULATION: 2500 gallons 15% HCL acid

OTHER PERFORATED ZONES: None

CURRENT STATUS

WHAT IS CURRENT STATUS OF WELL? Pumping oil well

IF P&A, LIST PLUGGING DETAILS: _____



WELL DATA SHEET

OPERATOR: Oxy USA LEASE: State DW

WELL NO.: 10 FOOTAGE: 990' FSL & 2130' FWL SECTION: 12-18S-33E N

TUBULAR DATA

SURFACE CASING

SIZE: 13-3/8" 48# CEMENTED WITH: 500 SX.
TOC: Surface FEET DETERMINED BY: Circulation
HOLE SIZE: 17-1/2" SETTING DEPTH: 350'

INTERMEDIATE CASING

SIZE: 8-5/8" 24 & 32# CEMENTED WITH: 1300 SX.
TOC: Surface FEET DETERMINED BY: Circulation
HOLE SIZE: 11" SETTING DEPTH: 3150'

LONG STRING

SIZE: 5-1/2" 15.5 & 17# CEMENTED WITH: 1245 SX.
TOC: 3450 FEET DETERMINED BY: CBL
HOLE SIZE: 7-7/8" SETTING DEPTH: 9097'
TOTAL DEPTH: 9097'

PRODUCING INTERVAL

FORMATION: Bone Springs POOL OR FIELD: Mescalero Escarpe (Bone Springs)
SPUD DATE: 11/12/84 COMPLETION DATE: 12/16/84
PERFORATED: 8708 FEET TO 8761 FEET

STIMULATION: 4000 gallons 15% NEFE HCL acid

OTHER PERFORATED ZONES: None known

CURRENT STATUS

WHAT IS CURRENT STATUS OF WELL? Pumping oil well

IF P&A, LIST PLUGGING DETAILS: _____

WELL DATA SHEET

OPERATOR: Oxy USA LEASE: State "DW"

WELL NO.: 8 FOOTAGE: 710' FSL & 1830' FEL SECTION: 12-18S-33E 0

TUBULAR DATA

SURFACE CASING

SIZE: 13-3/8" 48# CEMENTED WITH: 500 SX.
TOC: Surface FEET DETERMINED BY: Circulation
HOLE SIZE: 17-1/2" SETTING DEPTH: 350'

INTERMEDIATE CASING

SIZE: 8-5/8" 24 & 32# CEMENTED WITH: 1300 SX.
TOC: Surface FEET DETERMINED BY: Circulation
HOLE SIZE: 11" SETTING DEPTH: 3140'

LONG STRING

SIZE: 5-1/2" 15.5 & 17# CEMENTED WITH: 2550 SX.
TOC: 3100 FEET DETERMINED BY: CBL
HOLE SIZE: 7-7/8" SETTING DEPTH: 9072'

TOTAL DEPTH: 9080'

PRODUCING INTERVAL

FORMATION: Bone Springs POOL OR FIELD: Mescalero Escarpe (Bone Springs)
SPUD DATE: 9/11/84 COMPLETION DATE: 10/20/84
PERFORATED: 8805 FEET TO 8866 FEET

STIMULATION: 4000 gallons 15% NEFE acid

OTHER PERFORATED ZONES: None

CURRENT STATUS

WHAT IS CURRENT STATUS OF WELL? Pumping oil well

IF P&A, LIST PLUGGING DETAILS: _____

WELL DATA SHEET



OPERATOR: Oryx LEASE: Mescalero Ridge Federal

WELL NO.: 3 FOOTAGE: 430' FNL & 900' FEL SECTION: 13-18S-33E A

TUBULAR DATA

SURFACE CASING

SIZE: 13-3/8" 48# CEMENTED WITH: 375 SX.
TOC: Surface FEET DETERMINED BY: Circulation
HOLE SIZE: 17-1/2" SETTING DEPTH: 356

INTERMEDIATE CASING

SIZE: 8-5/8" 24 & 32# CEMENTED WITH: 1000 SX.
TOC: Surface FEET DETERMINED BY: Circulation
HOLE SIZE: 12-1/4" SETTING DEPTH: 3311

LONG STRING

SIZE: 5-1/2" 15.5 & 17# CEMENTED WITH: 1400 SX.
TOC: 3300 (estimated) FEET DETERMINED BY: Calculation
HOLE SIZE: 7-7/8" SETTING DEPTH: 9200'

TOTAL DEPTH: 9200'

PRODUCING INTERVAL

FORMATION: Bone Springs POOL OR FIELD: Mescalero Escarpe Bone Springs
SPUD DATE: 12/1/85 COMPLETION DATE: 1/21/86
PERFORATED: 8744 FEET TO 8766 FEET

STIMULATION: Acidized with 2500 gallons 20% NEFE HCL

OTHER PERFORATED ZONES: None

CURRENT STATUS

WHAT IS CURRENT STATUS OF WELL? Pumping oil well

IF P&A, LIST PLUGGING DETAILS: _____

DK

WELL DATA SHEET

OPERATOR: Oryx LEASE: Mescalero Ridge Federal

WELL NO.: 1 FOOTAGE: 330' FNL & 2030' FEL SECTION: 13-18S-33E B

TUBULAR DATA

SURFACE CASING

SIZE: 13-3/8" 48# CEMENTED WITH: 375 SX.
TOC: Surface FEET DETERMINED BY: Circulation
HOLE SIZE: 17-1/2" SETTING DEPTH: 360

INTERMEDIATE CASING

SIZE: 8-5/8" 24 & 32# CEMENTED WITH: 1300 SX.
TOC: Surface FEET DETERMINED BY: Circulation
HOLE SIZE: 11" SETTING DEPTH: 3300

LONG STRING

SIZE: 5-1/2" 15.5 & 17# CEMENTED WITH: 1600 SX.
TOC: 2000' (estimated) FEET DETERMINED BY: Calculation
HOLE SIZE: 7-7/8" SETTING DEPTH: 9300'
TOTAL DEPTH: 9300'

PRODUCING INTERVAL

FORMATION: Bone Springs POOL OR FIELD: Mescalero Escarpe (Bone Springs)
SPUD DATE: 6/1/85 COMPLETION DATE: 7/2/85
PERFORATED: 8714 FEET TO 8773 FEET

STIMULATION: 4000 gallons 20% NEFE HCL

OTHER PERFORATED ZONES: None

CURRENT STATUS

WHAT IS CURRENT STATUS OF WELL? Pumping oil well

IF P&A, LIST PLUGGING DETAILS:

O/K ~~XXXXXXXXXX~~

WELL DATA SHEET

OPERATOR: Oryx LEASE: Mescalero Ridge Federal

WELL NO.: 2 FOOTAGE: 1700' FNL & 1700' FEL SECTION: 13-18S-33E G

TUBULAR DATA

SURFACE CASING

SIZE: <u>13-3/8"</u>	<u>48#</u>	CEMENTED WITH: <u>375</u>	<u>SX.</u>
TOC: <u>Surface</u>	<u>FEET</u>	DETERMINED BY: <u>Circulation</u>	
HOLE SIZE: <u>17-1/2"</u>		SETTING DEPTH: <u>363'</u>	

INTERMEDIATE CASING

SIZE: <u>8-5/8"</u>	<u>24 & 32#</u>	CEMENTED WITH: <u>900</u>	<u>SX.</u>
TOC: <u>Surface</u>	<u>FEET</u>	DETERMINED BY: <u>Circulation</u>	
HOLE SIZE: <u>11"</u>		SETTING DEPTH: <u>3241'</u>	

LONG STRING

SIZE: <u>5-1/2"</u>	<u>15.5 & 17#</u>	CEMENTED WITH: <u>1450</u>	<u>SX.</u>
TOC: <u>2000 (estimated)</u>	<u>FEET</u>	DETERMINED BY: <u>Calculation</u>	
HOLE SIZE: <u>7-7/8"</u>		SETTING DEPTH: <u>9300'</u>	

TOTAL DEPTH: 9300'

PRODUCING INTERVAL

FORMATION: <u>Bone Springs</u>	POOL OR FIELD: <u>Mescalero Escarpe Bone Springs</u>
SPUD DATE: <u>10/27/85</u>	COMPLETION DATE: <u>12/9/85</u>
PERFORATED: <u>8749</u>	FEET TO <u>8780</u> FEET

STIMULATION: 4000 gallons 20% NEFE HCL

OTHER PERFORATED ZONES: None

CURRENT STATUS

WHAT IS CURRENT STATUS OF WELL? Pumping oil well

IF P&A, LIST PLUGGING DETAILS: _____

WELL DATA SHEET

O/C

OPERATOR: Murphy Baxter LEASE: North E.K. Queen Unit Tract 4

WELL NO.: 4 FOOTAGE: 660' FSL & 2310' FEL SECTION: 6-18S-34E 0

TUBULAR DATA

SURFACE CASING

SIZE: 8-5/8" 22.7# CEMENTED WITH: 450 SX.
TOC: Surface FEET DETERMINED BY: Circulation
HOLE SIZE: 12-1/4" SETTING DEPTH: 325'

INTERMEDIATE CASING

SIZE: None CEMENTED WITH: _____ SX.
TOC: _____ FEET DETERMINED BY: _____
HOLE SIZE: _____ SETTING DEPTH: _____

LONG STRING

SIZE: 4-1/2" 9.5# CEMENTED WITH: 380 SX.
TOC: 3200 (estimated) FEET DETERMINED BY: Calculation
HOLE SIZE: 7-7/8" SETTING DEPTH: 4297'

TOTAL DEPTH: 4297'

PRODUCING INTERVAL

FORMATION: Queen POOL OR FIELD: E-K Yates-Seven Rivers-Queen
SPUD DATE: 7/7/62 COMPLETION DATE: 7/25/62
PERFORATED: 4220 FEET TO 4240 FEET

STIMULATION: 500 gallons acid, 20,000 gallons oil & 40,000# sand

OTHER PERFORATED ZONES: None

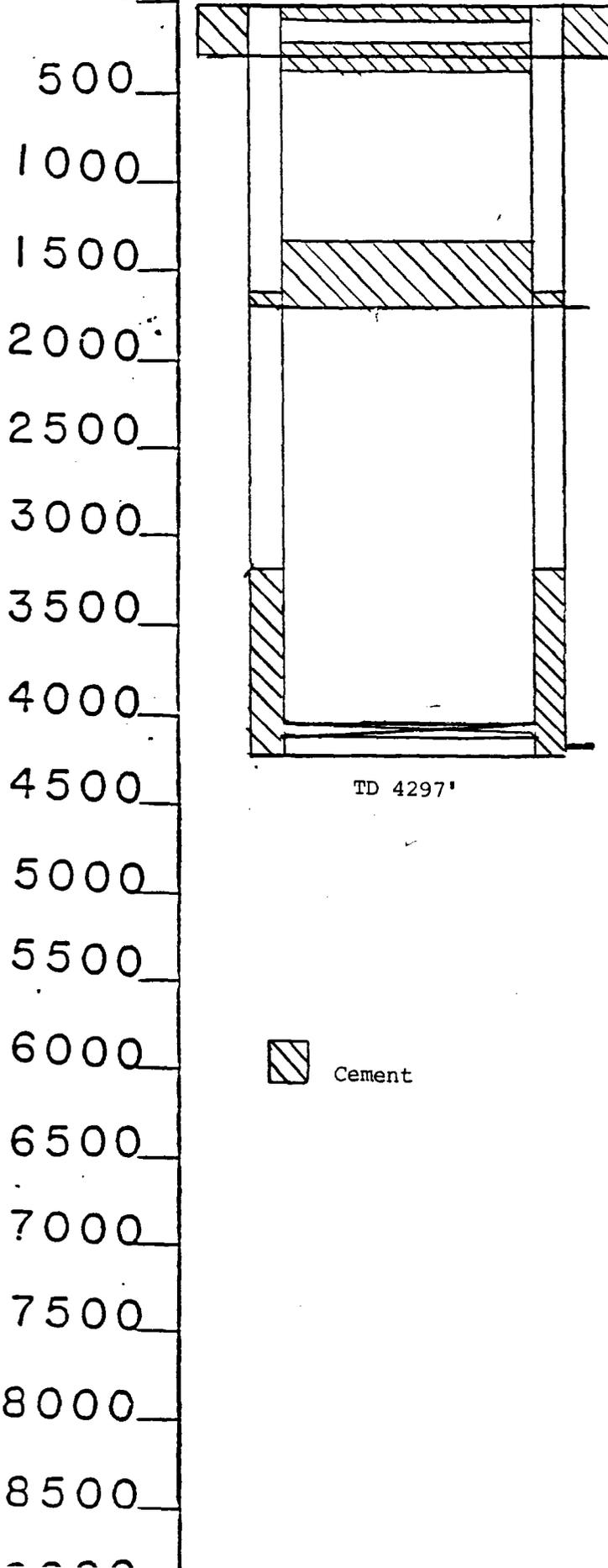
CURRENT STATUS

WHAT IS CURRENT STATUS OF WELL? P&A

IF P&A, LIST PLUGGING DETAILS: CIBP at 4200' with 5 sxs. cement on plug.
Perforate 4 holes at 1700' and squeezed with 50 sxs., tag plug at 1300',
25 sxs. at 340', 10 sxs. at surface.

SURFACE

10 sack surface plug



8-5/8" surface casing set at 325'
with cement circulated.

25 sxs. at 340'

4 squeeze holes at 1700' cemented
with 50 sxs. Tagged plug inside
casing at 1300'.

CIBP at 4200' with 5 sxs. on plug

Perforations 4220-4240'

4-1/2" production casing set at
4297' with top of cement calculated
to be 3200'

WELL DATA SHEET

OPERATOR: Marlo Drilling Co. LEASE: Mobil State
WELL NO.: 1 FOOTAGE: 330' FSL & 990' FEL SECTION: 6-18S-34E

TUBULAR DATA

SURFACE CASING

SIZE: 8-5/8" 24# CEMENTED WITH: 275 SX.
TOC: Surface FEET DETERMINED BY: Circulation
HOLE SIZE: 12-1/4" SETTING DEPTH: 325

INTERMEDIATE CASING

SIZE: None CEMENTED WITH: _____ SX.
TOC: _____ FEET DETERMINED BY: _____
HOLE SIZE: _____ SETTING DEPTH: _____

LONG STRING

SIZE: 4-1/2" 10.5# CEMENTED WITH: 150 SX.
TOC: 3700 (est.) FEET DETERMINED BY: Calculation
HOLE SIZE: 7-7/8" SETTING DEPTH: 4337'
TOTAL DEPTH: 4337'

PRODUCING INTERVAL

FORMATION: Queen POOL OR FIELD: EK Yates-Seven Rivers-Queen
SPUD DATE: 3/1/63 COMPLETION DATE: 3/14/63
PERFORATED: 4257 FEET TO 4265 FEET

STIMULATION: 500 gals. 15% NE acid, 43,000 gals. refined oil & 70,000# sand

OTHER PERFORATED ZONES: None

CURRENT STATUS

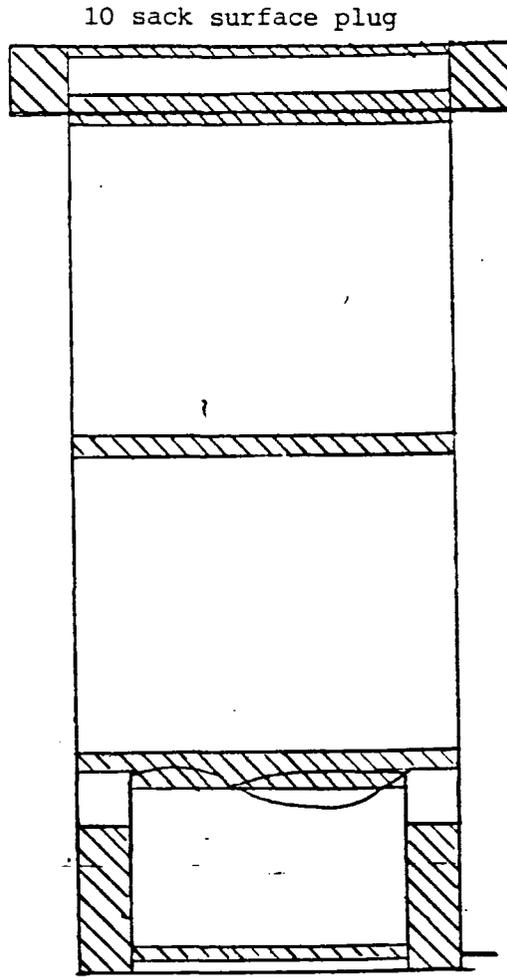
WHAT IS CURRENT STATUS OF WELL? P&A

IF P&A, LIST PLUGGING DETAILS: 25 sxs across perforations, cut & pull csg. from 3400', 25 sxs across csg. stub, 25 sxs @ 1845, 25 sxs across csg. shoe, 10 sxs surface.

Mobil State #1
SE/4 SE/4 Sec. 6-18S-34E
Lea County, New Mexico

SURFACE

500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
6000
6500
7000
7500
8000
8500



TD 4337'

 Cement

8-5/8" surface casing set at
325' with cement circulated
25 sxs across 8-5/8" casing shoe

25 sxs at 1845'

25 sxs across casing stub at 3400'

Top of cement in annulus estimated
to be 3700'

25 sxs. across perforations
4257-4265'

4-1/2" producing casing set at
4337'

WELL DATA SHEET

OPERATOR: Murphy Baxter LEASE: N.E. K Queen Unit Tract 4
WELL NO.: 6 FOOTAGE: 330' FNL & 660' FEL SECTION: 7-18S-34E A

TUBULAR DATA

SURFACE CASING

SIZE: 13-3/8" 35.6# CEMENTED WITH: 375 SX.
TOC: Surface FEET DETERMINED BY: Circulation
HOLE SIZE: 17-1/2" SETTING DEPTH: 322'

INTERMEDIATE CASING

SIZE: None CEMENTED WITH: _____ SX.
TOC: _____ FEET DETERMINED BY: _____
HOLE SIZE: _____ SETTING DEPTH: _____

LONG STRING

SIZE: 4-1/2" 9.5# CEMENTED WITH: 320 SX.
TOC: 3100 FEET DETERMINED BY: Calculated
HOLE SIZE: 8" SETTING DEPTH: 4343'
TOTAL DEPTH: 4344'

PRODUCING INTERVAL

FORMATION: Queen POOL OR FIELD: E-K Yates Seven Rivers Queen
SPUD DATE: 9/30/62 COMPLETION DATE: 11/8/62
PERFORATED: 4291 FEET TO 4299 FEET

STIMULATION: 500 gallons acid and 20,000 gallons oil and 40,000# sand

OTHER PERFORATED ZONES: None

CURRENT STATUS

WHAT IS CURRENT STATUS OF WELL? P&A

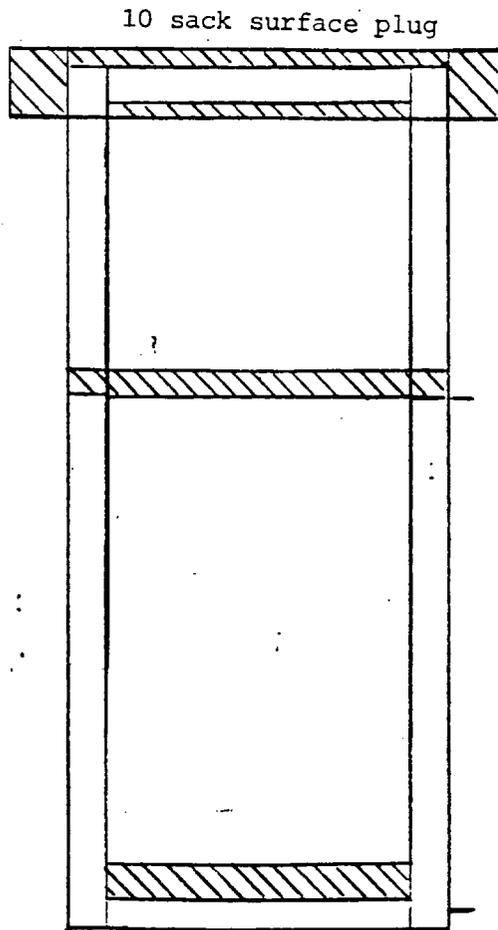
IF P&A, LIST PLUGGING DETAILS: 25 sxs. at 4000-4250'. Perfs. 4 holes at 1700', squeeze with 100 sxs. tag at 1580', 25 sxs. at 370', 10 sxs. surface plug.

N.E. K Queen Unit Tract 4 #6
NE/4 NE/4 Sec. 7-18S-34E
Lea County, New Mexico

OK

SURFACE

500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
6000
6500
7000
7500
8000
8500



10 sack surface plug

13-3/8" surface casing set at 322' with cement circulated

25 sxs. plug at 370'

4 squeeze holes at 1700'
Squeezed with 100 sxs. with top of cement at 1580'

25 sxs. plug from 4000-4250'

Perforations 4291-4299'

TD 4344

4-1/2" production casing set at 4343 and cemented with 320 sxs.

 Cement

JK

WELL DATA SHEET

OPERATOR: Murphy Baxter LEASE: N. EK Queen Unit Tract 4

WELL NO.: 5 FOOTAGE: 330' FNL & 1980' FEL SECTION: 7-18S-34E B

TUBULAR DATA

SURFACE CASING

SIZE: 13-3/8" 35.6# CEMENTED WITH: 375 SX.
TOC: Surface FEET DETERMINED BY: Circulation
HOLE SIZE: 17-1/2" SETTING DEPTH: 329'

INTERMEDIATE CASING

SIZE: None CEMENTED WITH: _____ SX.
TOC: _____ FEET DETERMINED BY: _____
HOLE SIZE: _____ SETTING DEPTH: _____

LONG STRING

SIZE: 4-1/2" 9.5# CEMENTED WITH: 375 SX.
TOC: 3600 (estimated) FEET DETERMINED BY: Calculation
HOLE SIZE: 11" SETTING DEPTH: 4327'
TOTAL DEPTH: 4327'

PRODUCING INTERVAL

FORMATION: Queen POOL OR FIELD: E-K Yates Seven Rivers Queen
SPUD DATED: 8/16/62 COMPLETION DATE: 9/11/62
PERFORATED: 4273 FEET TO 4294 FEET

STIMULATION: 20,000 gallons oil & 40,000# sand

OTHER PERFORATED ZONES: None

CURRENT STATUS

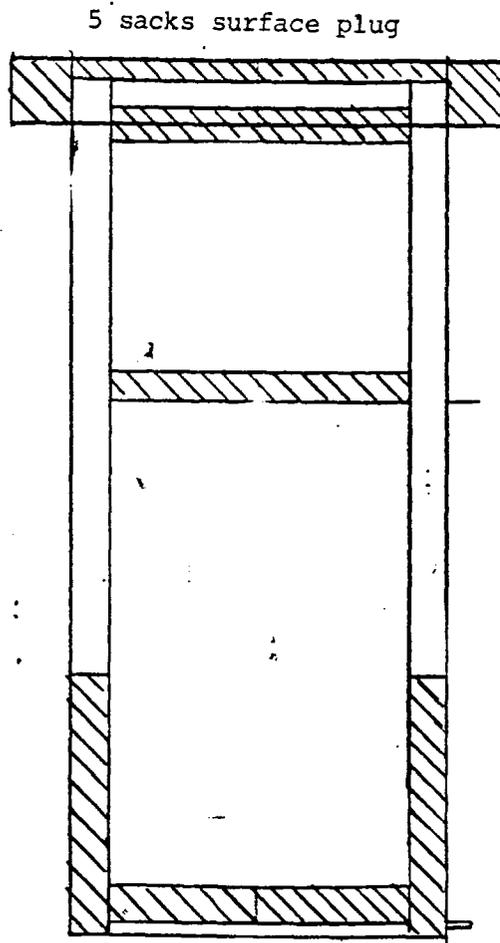
WHAT IS CURRENT STATUS OF WELL? P&A

IF P&A, LIST PLUGGING DETAILS: Cement plug from 4294-4100'. Perforate 4 holes at 1700' & squeeze with 50 sxs. tagged plug at 1550', 50 sxs. at 370-25', 5 sxs. surface plug.

N. EK Queen Unit Tract 4 #5
NW/4 NE/4 sec. 8-18S-34E B
Lea County, New Mexico

SURFACE

500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
6000
6500
7000
7500
8000
8500



TD 4327'

13-3/8" surface casing set at 329' with cement circulated
50 sxs. plug 25-370'

4 squeeze holes at 1700' cemented with 50 sxs. Top of cement at 1550'.

Cement plug from 4100-4294'
Perforations 4273-4294'

4-1/2" production casing set at 4327' with calculated cement top at approx. 3600'.

 Cement

WELL DATA SHEET

OPERATOR: Murphy Baxter LEASE: N. EK Queen Unit Tract 7

WELL NO.: 1 FOOTAGE: 2173' FWL & 330' FNL SECTION: 7-18S-34E C

TUBULAR DATA

SURFACE CASING

SIZE: 7-5/8" 26.4# CEMENTED WITH: 150 SX.
TOC: Surface FEET DETERMINED BY: Circulation
HOLE SIZE: 10-3/4" SETTING DEPTH: 336'

INTERMEDIATE CASING

SIZE: None CEMENTED WITH: _____ SX.
TOC: _____ FEET DETERMINED BY: _____
HOLE SIZE: _____ SETTING DEPTH: _____

LONG STRING

SIZE: 4-1/2" 11.6# CEMENTED WITH: 200 SX.
TOC: 2700 (estimated) FEET DETERMINED BY: Calculation
HOLE SIZE: 6-3/4" SETTING DEPTH: 4355'
TOTAL DEPTH: 4355'

PRODUCING INTERVAL

FORMATION: Queen POOL OR FIELD: EK Yates Seven Rivers Queen
SPUD DATED: 4/19/63 COMPLETION DATE: 5/5/63
PERFORATED: 4280 FEET TO 4288 FEET

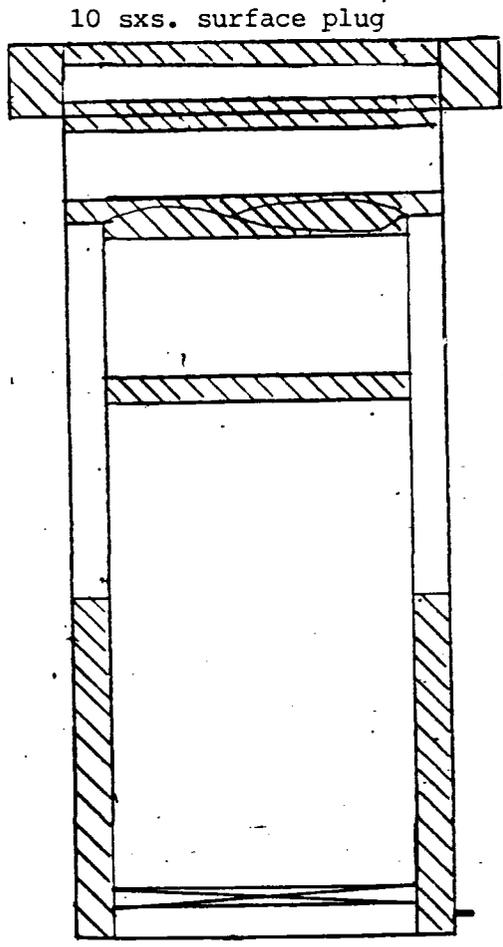
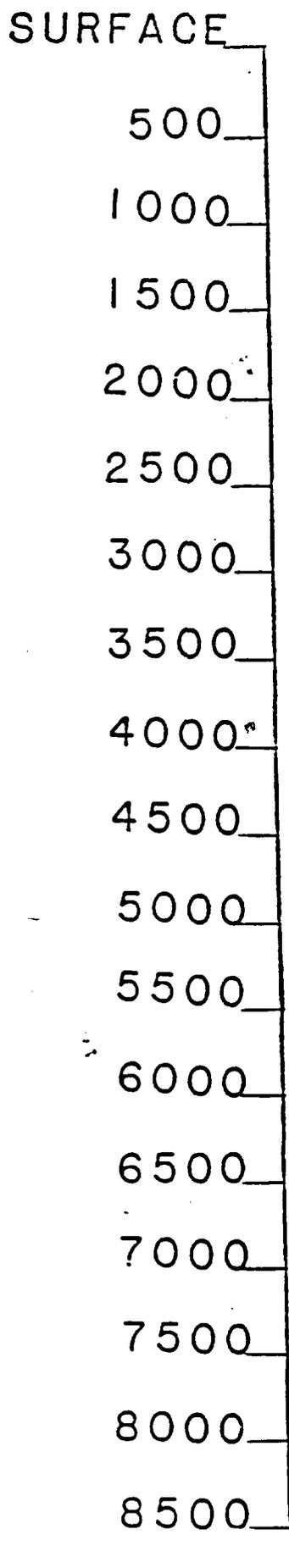
STIMULATION: 500 gallons acid, 20,000 gallons & 30,000# sand

OTHER PERFORATED ZONES: None

CURRENT STATUS

WHAT IS CURRENT STATUS OF WELL? P&A

IF P&A, LIST PLUGGING DETAILS: CIBP at 4250' with 35' cement on top, 25 sxs.
at 1700', cut & pull casing at 840', 25 sxs. 785-890', 50 sxs. 298-372',
10 sxs. surface plug.



TD 4355'

 Cement

7-5/8" surface casing set at 336' with cement circulated 50 sxs. 298-372'

Cut and pull casing from 840' 25 sxs. 785-890'

25 sxs. 1600-1700'

35' of cement on CIBP at 4250'

Perforations 4280-4288'

4-1/2" production casing set at 4355' with top of cement calculated to be approx. 2700'

WELL DATA SHEET



OPERATOR: DOB Oil Properties LEASE: State M

WELL NO.: 3 FOOTAGE: 853' FWL & 330' FNL SECTION: 7-18S-34E D

TUBULAR DATA

SURFACE CASING

SIZE: 8-5/8" 36# CEMENTED WITH: 215 SX.
TOC: Surface FEET DETERMINED BY: Circulation
HOLE SIZE: 10" SETTING DEPTH: 379'

INTERMEDIATE CASING

SIZE: None CEMENTED WITH: _____ SX.
TOC: _____ FEET DETERMINED BY: _____
HOLE SIZE: _____ SETTING DEPTH: _____

LONG STRING

SIZE: None CEMENTED WITH: _____ SX.
TOC: _____ FEET DETERMINED BY: _____
HOLE SIZE: _____ SETTING DEPTH: _____
TOTAL DEPTH: 4300'

PRODUCING INTERVAL

FORMATION: None POOL OR FIELD: _____
SPUD DATED: _____ COMPLETION DATE: _____
PERFORATED: _____ FEET TO _____ FEET

STIMULATION: None

OTHER PERFORATED ZONES: None

CURRENT STATUS

WHAT IS CURRENT STATUS OF WELL? Junked & abandoned

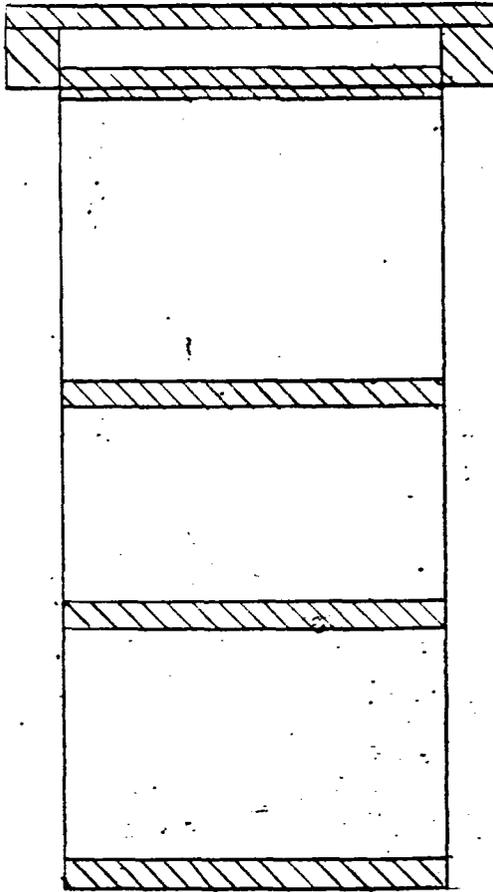
IF P&A, LIST PLUGGING DETAILS: 25 sxs. 4255-4155', 25 sxs. 3000-2900',
25 sxs. 1900-1800', 25 sxs. 400-325', 10 sxs. surface plug.



State "M" #3
NW/4 NW/4 Sec. 7-18S-34E D
Lea County, New Mexico

SURFACE

10 sack surface plug



8-5/8" surface casing set at 379' with cement circulated

25 sxs. plug 325-400'

25 sxs. plug 1800-1900'

25 sxs. plug 2900-3000'

25 sxs. plug 4155-4255'

TD 4300'

500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
6000
6500
7000
7500
8000
8500

 Cement

Handwritten scribble

WELL DATA SHEET

OPERATOR: Pan American LEASE: State "CL"

WELL NO.: 8 FOOTAGE: 1650' FNL & 990' FEL SECTION: 7-18S-34E H

TUBULAR DATA

SURFACE CASING

SIZE: 13-3/8" 35.6# CEMENTED WITH: 320 SX.
TOC: Surface FEET DETERMINED BY: Circulation
HOLE SIZE: 17-1/2" SETTING DEPTH: 334'

INTERMEDIATE CASING

SIZE: None CEMENTED WITH: _____ SX.
TOC: _____ FEET DETERMINED BY: _____
HOLE SIZE: _____ SETTING DEPTH: _____

LONG STRING

SIZE: 4-1/2" 9.5# CEMENTED WITH: 120 SX.
TOC: 3700 (estimated) FEET DETERMINED BY: Calculation
HOLE SIZE: 8" SETTING DEPTH: 4394'

TOTAL DEPTH: 4400'

PRODUCING INTERVAL

FORMATION: Queen POOL OR FIELD: E-K Yates-Seven Rivers-Queen
SPUD DATE: 3/4/63 COMPLETION DATE: 4/2/63
PERFORATED: 4332 FEET TO 4354 FEET

STIMULATION: 500 gallons acid, 20,000 gallons oil and 40,000# sand

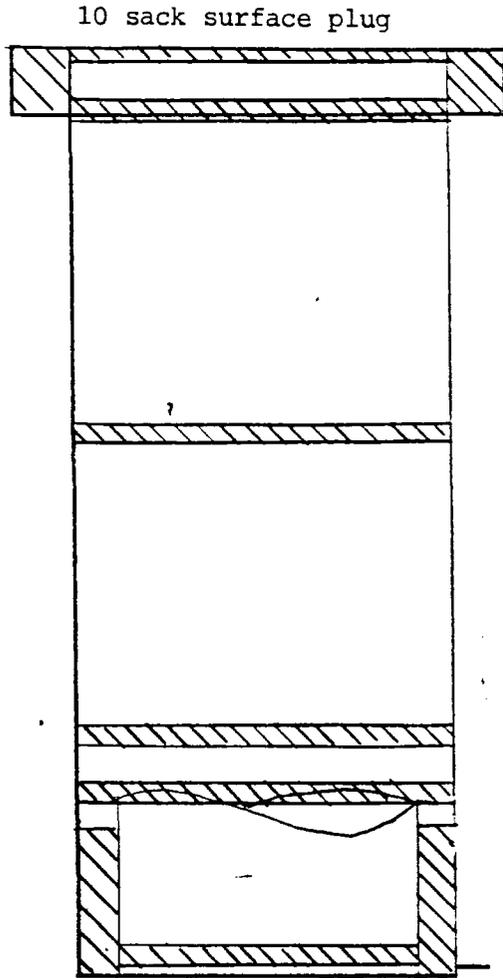
OTHER PERFORATED ZONES: _____

CURRENT STATUS

WHAT IS CURRENT STATUS OF WELL? P&A

IF P&A, LIST PLUGGING DETAILS: Cut and pulled casing from 3549', 25 sxs. at 4364',
25 sxs. at 3549', 25 sxs. at 3320', 25 sxs. at 1850', 25 sxs. at 334', 10 sxs.
surfa-e plug.

SURFACE



8-5/8" surface casing set at 334' with cement circulated

25 sxs. at 334'

25 sxs. at 1850'

25 sxs. at 3320'

25 sxs. at 3549'

Cut and pull casing from 3549'

25 sxs. at 4364'

perforations 4332-4354'

TD 4400'

4-1/2" production casing set at 4394' with top of cement estimated to be 3700'

 Cement

500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
6000
6500
7000
7500
8000
8500

WELL DATA SHEET

OPERATOR: Sunray Mid-Continent Oil Co. LEASE: New Mexico State G

WELL NO.: 4 FOOTAGE: 330' FEL & 1650' FSL SECTION: 7-18S-34E I

TUBULAR DATA

SURFACE CASING

SIZE: 13-3/8" 36# CEMENTED WITH: 250 SX.
TOC: Surface FEET DETERMINED BY: Circulation
HOLE SIZE: 17-1/2" SETTING DEPTH: 251'

INTERMEDIATE CASING

SIZE: None CEMENTED WITH: _____ SX.
TOC: _____ FEET DETERMINED BY: _____
HOLE SIZE: _____ SETTING DEPTH: _____

LONG STRING

SIZE: 5-1/2" 14# CEMENTED WITH: 150 SX.
TOC: 3683 FEET DETERMINED BY: Temp. Survey
HOLE SIZE: 8" SETTING DEPTH: 4352'
TOTAL DEPTH: 4380'

PRODUCING INTERVAL

FORMATION: Queen POOL OR FIELD: E-K Yates Seven Rivers Queen
SPUD DATED: 5/3/56 COMPLETION DATE: 6/5/56
~~PERFORATED:~~ Open Hole 4352 FEET TO 4380 FEET

STIMULATION: None

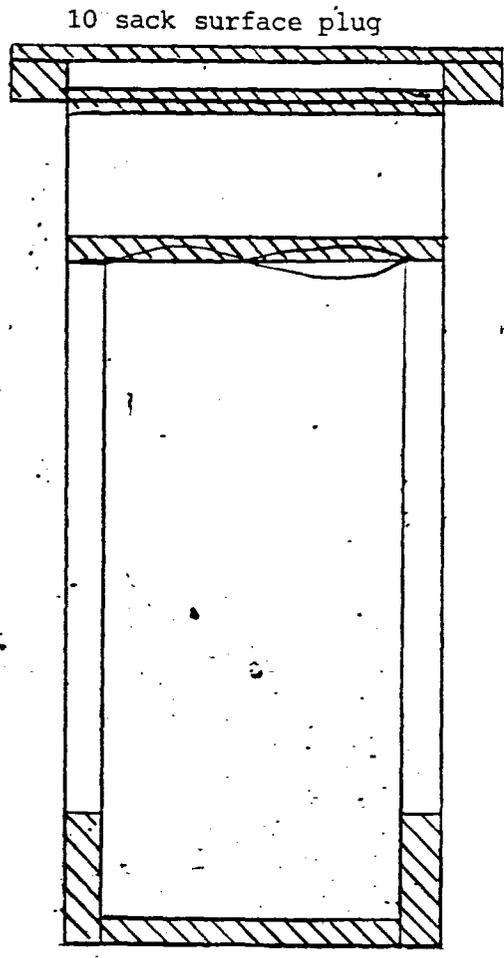
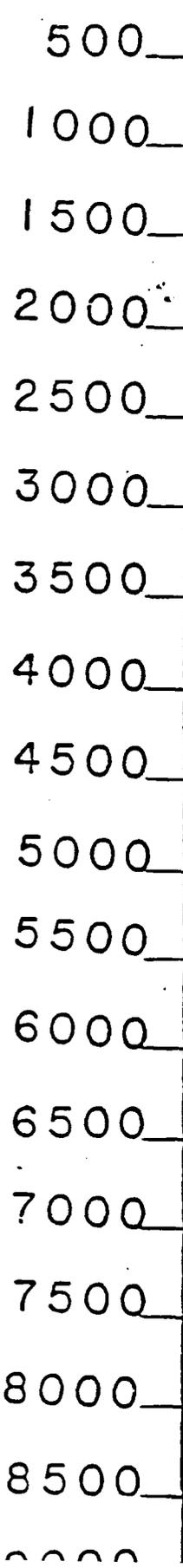
OTHER PERFORATED ZONES: None

CURRENT STATUS

WHAT IS CURRENT STATUS OF WELL? P&A

IF P&A, LIST PLUGGING DETAILS: Cement plug 4380-4173', cut & pull casing from 1010', 50 sxs. 1010-927', 25 sxs. 260-239', 10 sxs. surface plug

SURFACE



13-3/8" surface casing set at 251'
with cement circulated
25 sxs. 239-260'

Casing cut & pulled from 1010'
50 sxs. 927-1010'

Cement plug 4173-4380'

Open Hole 4352-4380'

5-1/2" production casing set at
4352' with top of cement at 3683'

 Cement

WELL DATA SHEET

OPERATOR: Sunray Mid-Continent Oil Co. LEASE: New Mexico State "G"

WELL NO.: 3 FOOTAGE: 1980' FSL & 1858.6' FW ECTION: 7-18S-34E K

TUBULAR DATA

SURFACE CASING

SIZE: 13-3/8" 36# CEMENTED WITH: 250 SX.
TOC: Surface FEET DETERMINED BY: Circulation
HOLE SIZE: 17-1/2" SETTING DEPTH: 249'

INTERMEDIATE CASING

SIZE: None CEMENTED WITH: _____ SX.
TOC: _____ FEET DETERMINED BY: _____
HOLE SIZE: _____ SETTING DEPTH: _____

LONG STRING

SIZE: 5-1/2" 14# CEMENTED WITH: 300 SX.
TOC: 3052 FEET DETERMINED BY: Temp. Survey
HOLE SIZE: 8" SETTING DEPTH: 4689'

TOTAL DEPTH: 5443'

PRODUCING INTERVAL

FORMATION: None POOL OR FIELD: _____
SPUD DATED: _____ COMPLETION DATE: _____
PERFORATED: _____ FEET TO _____ FEET

STIMULATION: _____

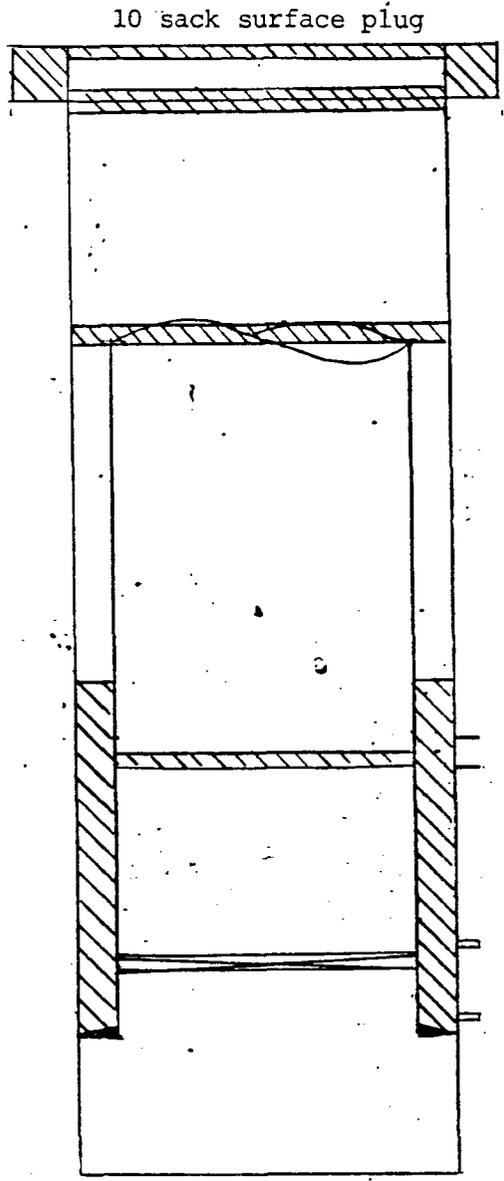
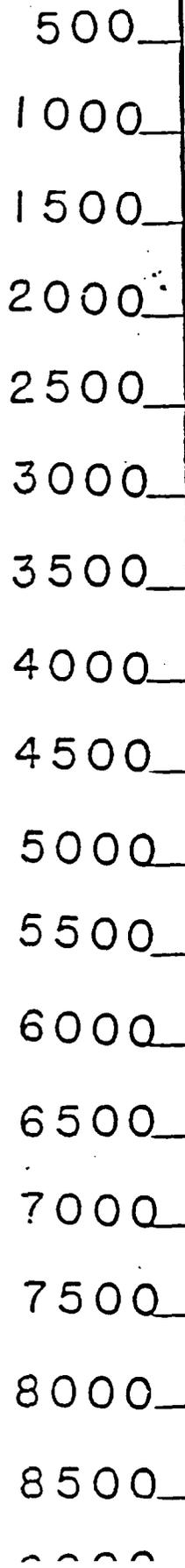
OTHER PERFORATED ZONES: 4597-4622', 4 squeeze holes at 3450', cemented with 126 sxs., 3324-3338', 4354-80'

CURRENT STATUS

WHAT IS CURRENT STATUS OF WELL? _____

IF P&A, LIST PLUGGING DETAILS: CIBP at 4410' with 10' cement on top of plug, 4 squeeze holes at 3450' cemented w/126 sxs. with cement left inside casing at 3399', casing cut and pulled from 1472', 50 sxs. 1472-1404', 25 sxs. 250-218', 10 sxs. surface plug.

SURFACE



TD 5443'

 Cement

13-3/8" surface casing set at 249'
with cement circulated

25 sxs. 218-250'

50 sxs. 1404-1472'
Casing cut & pulled from 1472'

Top of cement in annulus 3052'
Perforations 3324-3338'
4 squeeze holes at 3450' with 126 sx
cement with top of cement inside
casing at 3399'.

Perforations 4354-80'
CIBP at 4410' with 10' cement on top
Perforations 4597-4622'

5-1/2" production casing set at
4689' & cemented with 300 sxs.

57.

WELL DATA SHEET

OPERATOR: Chevron LEASE: Lea "XA" State

WELL NO.: 3 FOOTAGE: 1980' FSL & 1980' FWL SECTION: 7-18S-34E K

TUBULAR DATA

SURFACE CASING

SIZE: 13-3/8" 48# CEMENTED WITH: 585 SX.
TOC: Surface FEET DETERMINED BY: Circulation
HOLE SIZE: 17-1/2" SETTING DEPTH: 585'

INTERMEDIATE CASING

SIZE: 8-5/8" 24 & 28# CEMENTED WITH: 1090 SX.
TOC: Surface FEET DETERMINED BY: Circulation
HOLE SIZE: 11" SETTING DEPTH: 1530'

LONG STRING

SIZE: 5-1/2" 15.5 & 17# CEMENTED WITH: 1400 SX.
TOC: 3200 FEET DETERMINED BY: Temp. Survey
HOLE SIZE: 7-7/8" SETTING DEPTH: 8793'
TOTAL DEPTH: 8795'

PRODUCING INTERVAL

FORMATION: Bone Springs POOL OR FIELD: Mescalero Escarpe Bone Springs
SPUD DATED: 7/29/84 COMPLETION DATE: 9/5/84
PERFORATED: 8609 FEET TO 8703 FEET

STIMULATION: 12,400 gallons acid

OTHER PERFORATED ZONES: _____

CURRENT STATUS

WHAT IS CURRENT STATUS OF WELL? Pumping Oil Well

IF P&A, LIST PLUGGING DETAILS: _____

WELL DATA SHEET

OK

OPERATOR: Chevron LEASE: Lea "XA" State

WELL NO.: 1 FOOTAGE: 1980 FSL & 660 FWL SECTION: 7-18S-34E L

TUBULAR DATA

SURFACE CASING

SIZE: 13-3/8" 48# CEMENTED WITH: 500 SX.
TOC: Surface FEET DETERMINED BY: Circulation
HOLE SIZE: 17-1/2" SETTING DEPTH: 555

INTERMEDIATE CASING

SIZE: 8-5/8" 28# CEMENTED WITH: 1550 SX.
TOC: Surface FEET DETERMINED BY: Circulation
HOLE SIZE: 11" SETTING DEPTH: 4478

LONG STRING

SIZE: 5-1/2" 15.5 & 17# CEMENTED WITH: 1100 SX.
TOC: _____ FEET DETERMINED BY: _____
HOLE SIZE: 7-7/8" SETTING DEPTH: 8949

TOTAL DEPTH: 8950

PRODUCING INTERVAL

FORMATION: Bone Springs POOL OR FIELD: Mescalero Escarpe Bone Springs
SPUD DATED: 5/23/84 COMPLETION DATE: _____
PERFORATED: 8641 FEET TO 8748 FEET

STIMULATION: 4000 gallons acid

OTHER PERFORATED ZONES: None

CURRENT STATUS

WHAT IS CURRENT STATUS OF WELL? Pumping Oil Well

IF P&A, LIST PLUGGING DETAILS: _____

WELL DATA SHEET

OPERATOR: Sunray DX Oil Co. LEASE: New Mexico State G

WELL NO.: 1 FOOTAGE: 660' FSL & 660' FWL SECTION: 7-18S-34E M

TUBULAR DATA

SURFACE CASING

SIZE: 13-3/8" 36# CEMENTED WITH: 275 SX.
TOC: Surface FEET DETERMINED BY: Circulation
HOLE SIZE: 17-1/4" SETTING DEPTH: 262'

INTERMEDIATE CASING

SIZE: None CEMENTED WITH: _____ SX.
TOC: _____ FEET DETERMINED BY: _____
HOLE SIZE: _____ SETTING DEPTH: _____

LONG STRING

SIZE: 5-1/2" 14# CEMENTED WITH: 200 SX.
TOC: 3300 (estimated) FEET DETERMINED BY: Calculated
HOLE SIZE: 8" SETTING DEPTH: 4344'
TOTAL DEPTH: 4384'

PRODUCING INTERVAL

FORMATION: Queen POOL OR FIELD: E-K Yates Seven Rivers Queen
SPUD DATED: 5/13/55 COMPLETION DATE: 6/4/55
PERFORATED: Open Hole 4344 FEET TO 4385 FEET

STIMULATION: 10,000 gallons refined oil & 15,000# sand

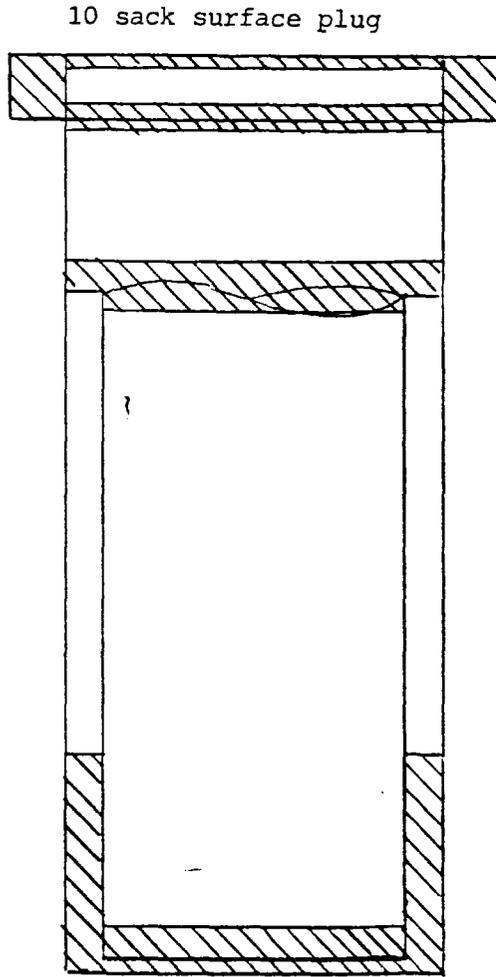
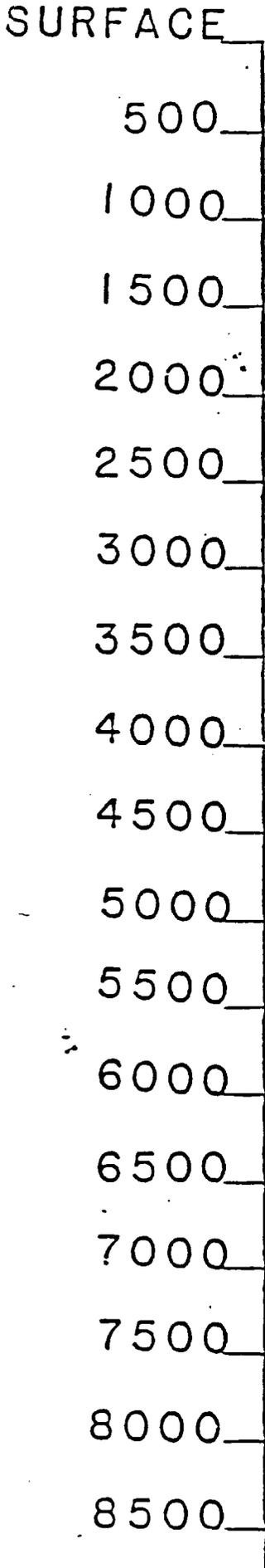
OTHER PERFORATED ZONES: None

CURRENT STATUS

WHAT IS CURRENT STATUS OF WELL? P&A

IF P&A, LIST PLUGGING DETAILS: 25 sxs. 4385-4150', cut & pull casing from 1119',
25 sxs. in & out of stub at 1119.25', 25 sxs. at 1120', 25 sxs. at 268', 10 sxs.
surface plug

New Mexico State "G" #1
SW/4 SW/4 Sec. 7-18S-34E M
Lea County, New Mexico



T.D. 4385'

13-3/8" surface casing set at
262' with cement circulated.
25 sxs. plug at 268'

25 sxs. plug at 1120'
25 sxs. plug in and out of stub
at 1119'
Cut & pull casing from 1119'

Calculated top of cement at
approx. 3200'

25 sxs. 4385-4150'
Open Hole 4344-4385'

5-1/2" production casing set at 4344

 Cement

WELL DATA SHEET

OPERATOR: Chevron LEASE: Lea "XA" State
 WELL NO.: 2 FOOTAGE: 660' FSL & 330' FWL SECTION: 7-18S-34E

TUBULAR DATA

SURFACE CASING

SIZE: 13-3/8" 48 & 54.5# CEMENTED WITH: 500 SX.
 TOC: Surface FEET DETERMINED BY: Circulation
 HOLE SIZE: 17-1/2" SETTING DEPTH: 565'

INTERMEDIATE CASING

SIZE: 8-5/8" 28# CEMENTED WITH: 1600 SX.
 TOC: Surface FEET DETERMINED BY: Circulation
 HOLE SIZE: 11' SETTING DEPTH: 4466'

LONG STRING

SIZE: 5-1/2" 15.5 & 17# CEMENTED WITH: 2050 SX.
 TOC: 3910 FEET DETERMINED BY: Temperature Survey
 HOLE SIZE: 7-7/8" SETTING DEPTH: 3970
 TOTAL DEPTH: 8970'

PRODUCING INTERVAL

FORMATION: Bone Springs POOL OR FIELD: Mescalero Escarpe Bone Springs
 SPUD DATE: 6/19/84 COMPLETION DATE: 8/7/84
 PERFORATED: 8365 FEET TO 8765 FEET

STIMULATION: 54,400 gals. acid

OTHER PERFORATED ZONES: None

CURRENT STATUS

WHAT IS CURRENT STATUS OF WELL? Pumping oil well

IF P&A, LIST PLUGGING DETAILS:

WELL DATA SHEET

OPERATOR: Sunray DX Oil Co. LEASE: New Mexico State "G"

WELL NO.: 2 FOOTAGE: 1858.6' FWL & 660' FS SECTION: 7-18S-34E N

TUBULAR DATA

SURFACE CASING

SIZE: 13-3/8" 36# CEMENTED WITH: 250 SX.
TOC: Surface FEET DETERMINED BY: Circulation
HOLE SIZE: 17-1/2" SETTING DEPTH: 247'

INTERMEDIATE CASING

SIZE: None CEMENTED WITH: _____ SX.
TOC: _____ FEET DETERMINED BY: _____
HOLE SIZE: _____ SETTING DEPTH: _____

LONG STRING

SIZE: 5-1/2" 14# CEMENTED WITH: 200 SX.
TOC: 3300' (estimated) FEET DETERMINED BY: Calculation
HOLE SIZE: 8" SETTING DEPTH: 4355'
TOTAL DEPTH: 4388'

PRODUCING INTERVAL

FORMATION: Queen POOL OR FIELD: E-K Yates Seven Rivers Queen
SPUD DATED: 7/7/55 COMPLETION DATE: 9/4/55
PERFORATED: Open Hole FEET TO _____ FEET

STIMULATION: 10,000 gallons refined oil and 10,000# sand

OTHER PERFORATED ZONES: None

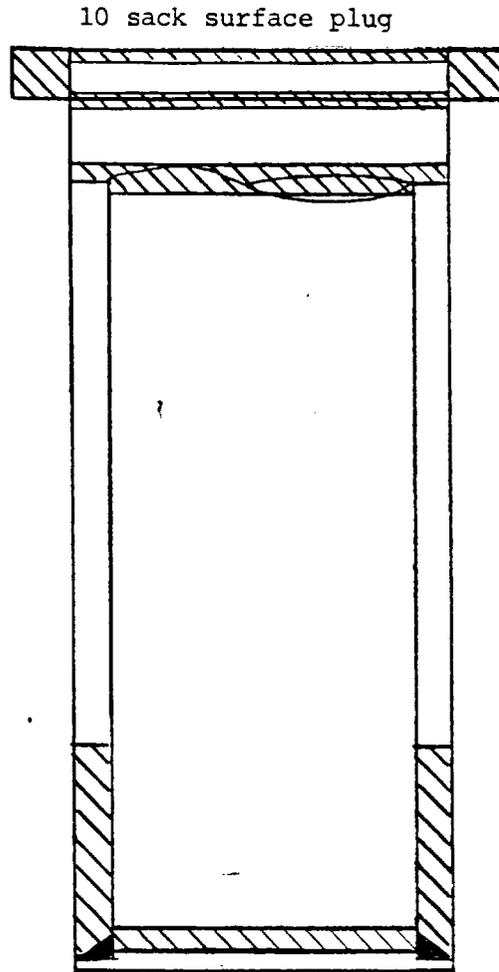
CURRENT STATUS

WHAT IS CURRENT STATUS OF WELL? P&A

IF P&A, LIST PLUGGING DETAILS: 25 sxs. at 4340', cut and pulled 5-1/2" casing from 619', 25 sxs. in and out of stub at 619', 25 sxs. at 250', 10 sxs. surface plug.

New Mexico State "G" #2
SE/4 SW/4 Sec. 7-18S-34E N
Lea County, New Mexico

SURFACE



T.D. 4388'

 Cement

13-3/8" surface casing set at 247'
with cement circulated
25 sxs. at 250'

25 sxs. in & out of stub at 619'
Casing cut & pulled from 619'

Calculated top of cement at 3300'

25 sxs. at 4349'
Open Hole 4355-4388'

5-1/2" casing set at 4355'

500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
6000
6500
7000
7500
8000
8500

WELL DATA SHEET

OPERATOR: Chevron LEASE: Lea "XA" State
WELL NO.: 4 FOOTAGE: 990' FSL & 1650' FWL SECTION: 7-18S-34E N

TUBULAR DATA

SURFACE CASING

SIZE: 13-3/8" 48# CEMENTED WITH: 500 SX.
TOC: Surface FEET DETERMINED BY: Circulation
HOLE SIZE: 17-1/2" SETTING DEPTH: 510'

INTERMEDIATE CASING

SIZE: 8-5/8" 24# CEMENTED WITH: 1000 SX.
TOC: Surface FEET DETERMINED BY: Circulation
HOLE SIZE: 11" SETTING DEPTH: 3350'

LONG STRING

SIZE: 5-1/2" 15.5 & 17# CEMENTED WITH: 2050 SX.
TOC: Surface FEET DETERMINED BY: Circulation
HOLE SIZE: 7-7/8" SETTING DEPTH: 9600'
TOTAL DEPTH: 9600'

PRODUCING INTERVAL

FORMATION: Bone Springs POOL OR FIELD: Mescalero Escarpe Bone Springs
SPUD DATED: 9/29/84 COMPLETION DATE: 11/7/84
PERFORATED: 8691 FEET TO 9380 FEET

STIMULATION: 23,500 gallons acid

OTHER PERFORATED ZONES: None

CURRENT STATUS

WHAT IS CURRENT STATUS OF WELL? Pumping oil well

IF P&A, LIST PLUGGING DETAILS: _____

WELL DATA SHEET

OPERATOR: Sunray DX Oil Co. LEASE: New Mexico State H

WELL NO.: 1 FOOTAGE: 1980' FEL & 660' FSL SECTION: 7-18S-34E O

TUBULAR DATA

SURFACE CASING

SIZE: 13-3/8" 36# CEMENTED WITH: 250 SX.
TOC: Surface FEET DETERMINED BY: Circulation
HOLE SIZE: 17-1/2" SETTING DEPTH: 245'

INTERMEDIATE CASING

SIZE: None CEMENTED WITH: _____ SX.
TOC: _____ FEET DETERMINED BY: _____
HOLE SIZE: _____ SETTING DEPTH: _____

LONG STRING

SIZE: 5-1/2" 14# CEMENTED WITH: 150 SX.
TOC: 3600 (estimated) FEET DETERMINED BY: Calculation
HOLE SIZE: 8" SETTING DEPTH: 4390'
TOTAL DEPTH: 4410'

PRODUCING INTERVAL

FORMATION: Queen POOL OR FIELD: E-K Yates Seven Rivers Queen
SPUD DATED: 9/11/55 COMPLETION DATE: 10/22/55
PERFORATED: Open Hole 4390 FEET TO 4410 FEET

STIMULATION: 10,000 gallons oil and 15,000# sand

OTHER PERFORATED ZONES: None

CURRENT STATUS

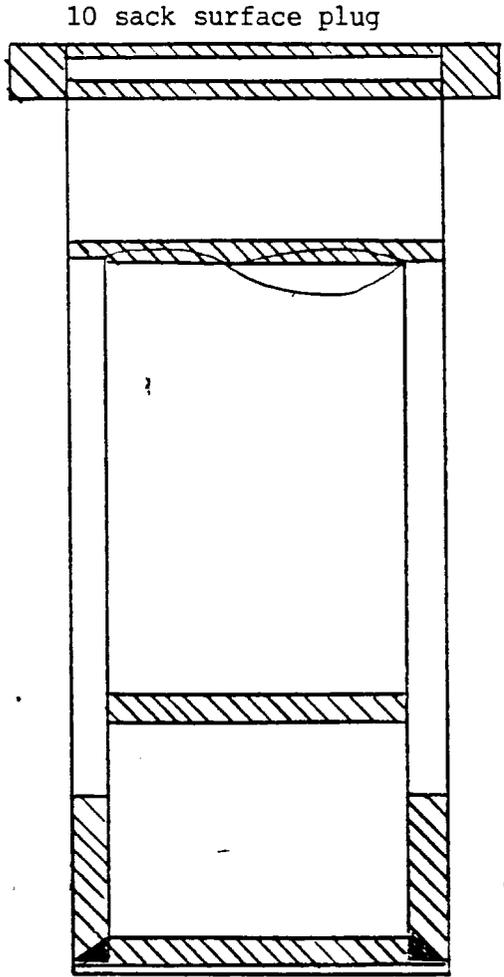
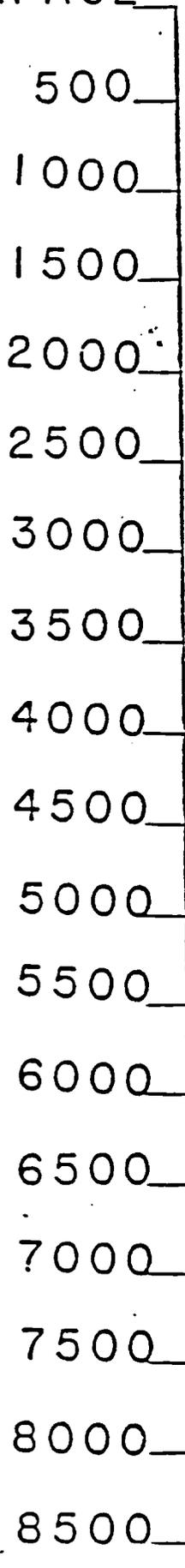
WHAT IS CURRENT STATUS OF WELL? P&A

IF P&A, LIST PLUGGING DETAILS: 25 sxs. 4300-4404', cut & pull casing from 997', 25 sxs. 3100-3230', 25 sxs. 915-1015', 25 sxs. 150-250', 10 sxs. surface plug

✓

6

SURFACE



T.D. 4410'

13-3/8" surface casing set @ 245'
with cement circulated

25 sxs. 150-250'

25 sxs. 915-1015'
Cut & pull casing from 997'

25 sxs. 3100-3230'

Calculated top of cement at
approx. 3600'

25 sxs. 4300-4404'
Open hole 4390-4410'

5 1/2" production casing set at
4390'

WELL DATA SHEET

OPERATOR: Perry R. Bass LEASE: State of New Mexico

WELL NO.: 1 FOOTAGE: 660' FSL & 660' FEL SECTION: 7-18S-34E P

TUBULAR DATA

SURFACE CASING

SIZE: 9-5/8" 40# CEMENTED WITH: 400 SX.
TOC: Surface FEET DETERMINED BY: Circulation
HOLE SIZE: 13-3/4" SETTING DEPTH: 352.73'

INTERMEDIATE CASING

SIZE: None CEMENTED WITH: _____ SX.
TOC: _____ FEET DETERMINED BY: _____
HOLE SIZE: _____ SETTING DEPTH: _____

LONG STRING

SIZE: 5-1/2" 17# CEMENTED WITH: 400 SX.
TOC: 2865 FEET DETERMINED BY: Temp. Survey
HOLE SIZE: 7-7/8" SETTING DEPTH: 4434.50'
TOTAL DEPTH: 4439'

PRODUCING INTERVAL

FORMATION: Queen POOL OR FIELD: E-K Yates Seven Rivers Queen
SPUD DATED: 12/30/55 COMPLETION DATE: 1/22/56
PERFORATED: 4376 FEET TO 4389 FEET

STIMULATION: 500 gallons acid, 10,000 gallons crude & 13,000# sand

OTHER PERFORATED ZONES: None

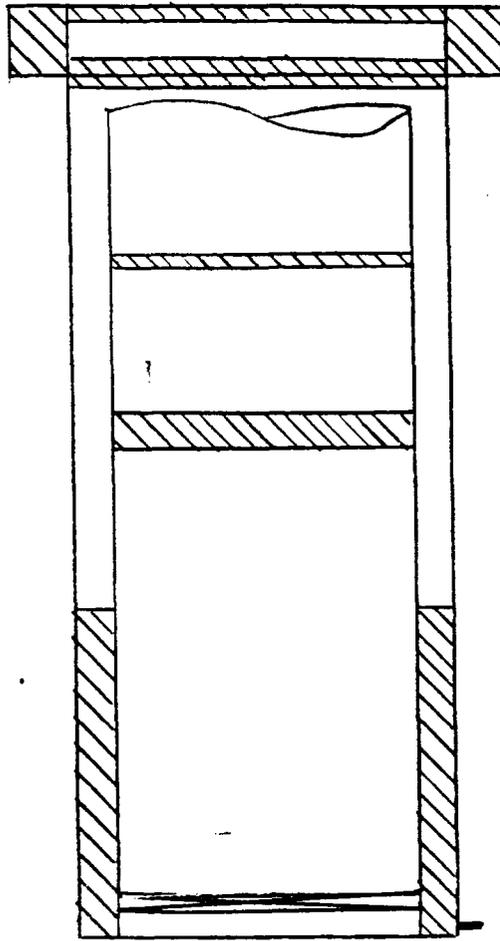
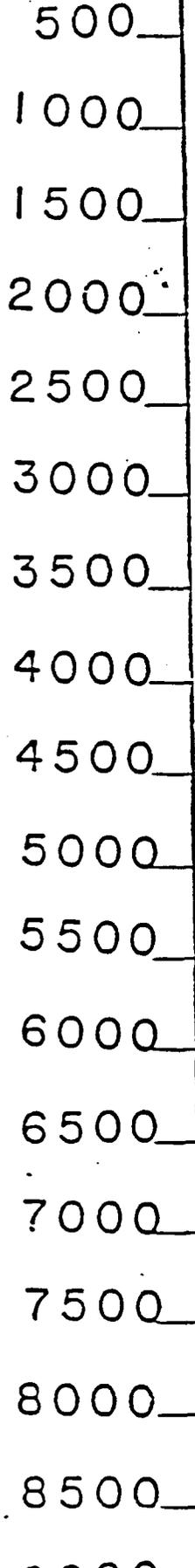
CURRENT STATUS

WHAT IS CURRENT STATUS OF WELL? P&A

IF P&A, LIST PLUGGING DETAILS: CIBP @ 4350' w/35' cement on T/plug,
50 sxs @ 1900-2100', 50 sxs. @ 1185-1232', 45 sxs. @ 300-400' & 20 sxs.
surface plug.

SURFACE

20 sack surface plug



T.D. 4439'

9-5/8" surface casing set
at 352.73' with cement circulated
45 sxs. 300-400'
Casing cut and pulled at 486'

50 sxs. 1185-1232'

50 sxs. 1900-2100'

Top of cement at 2865'

CIBP at 4350' with 35' cement on plug
Perforations 4376-4389'

5-1/2" production casing set
at 4434.5'

 Cement

WELL DATA SHEET

OK ~~W~~

OPERATOR: J. Cecil Rhodes LEASE: Jere

WELL NO.: 2 FOOTAGE: 660' FNL & 1980' FEL SECTION: 8-18S-34E B

TUBULAR DATA

SURFACE CASING

SIZE: 8-5/8" 24# CEMENTED WITH: 300 SX.
TOC: Surface FEET DETERMINED BY: Circulation
HOLE SIZE: 11" SETTING DEPTH: 355'

INTERMEDIATE CASING

SIZE: None CEMENTED WITH: _____ SX.
TOC: _____ FEET DETERMINED BY: _____
HOLE SIZE: _____ SETTING DEPTH: _____

LONG STRING

SIZE: None CEMENTED WITH: _____ SX.
TOC: _____ FEET DETERMINED BY: _____
HOLE SIZE: _____ SETTING DEPTH: _____

TOTAL DEPTH: _____

PRODUCING INTERVAL

FORMATION: None POOL OR FIELD: _____
SPUD DATE: _____ COMPLETION DATE: _____
PERFORATED: _____ FEET TO _____ FEET

STIMULATION: None

OTHER PERFORATED ZONES: _____

CURRENT STATUS

WHAT IS CURRENT STATUS OF WELL? P&A

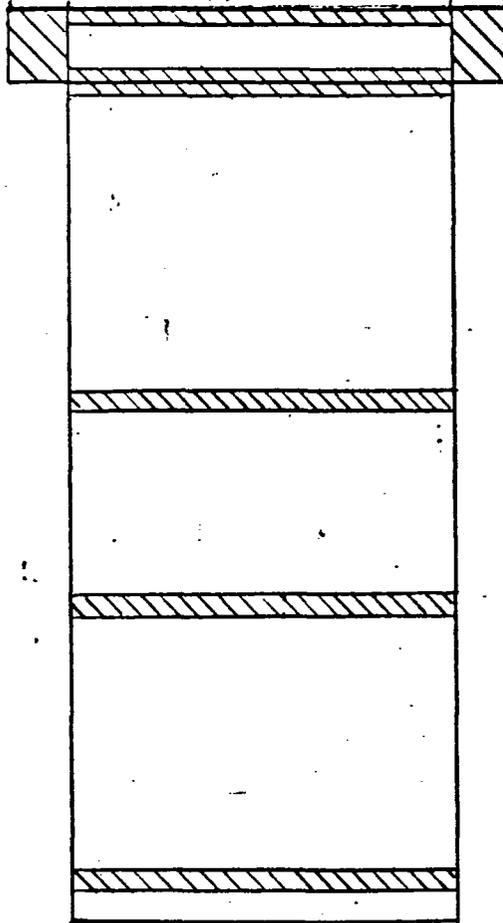
IF P&A, LIST PLUGGING DETAILS: 35 sxs. 4226-4126', 35 sxs. 2960-2860',
35 sxs. 1925-1825', 35 sxs. 370-270', 10 sxs. surface plug.

Jere #2
NW/4 NE/4 Sec. 8-18S-34E
Lea County, New Mexico

B
OK

SURFACE

10 sack surface plug



8-5/8" surface casing set at
355' with cement circulated

35 sxs. plug 270-370'

35 sxs. plug 1825-1925'

35 sxs. plug 2860-2960'

35 sxs. plug 4126-4226'

TD 4487'



Cement

DF

WELL DATA SHEET

OPERATOR: Ray Westall LEASE: Joannie

WELL NO.: 1 FOOTAGE: 660' FNL & 1980' FWL SECTION: 8-18S-34E C

TUBULAR DATA

SURFACE CASING

SIZE: 13-3/8" 35.6# CEMENTED WITH: 450 SX.
TOC: Surface FEET DETERMINED BY: Circulation
HOLE SIZE: 17-1/2" SETTING DEPTH: 318'

INTERMEDIATE CASING

SIZE: 8-5/8" 24 & 32# CEMENTED WITH: 250 SX.
TOC: Unknown FEET DETERMINED BY: Unknown
HOLE SIZE: 11" SETTING DEPTH: 3262'

LONG STRING

SIZE: 4-1/2" 9.5# CEMENTED WITH: 400 SX.
TOC: Unknown FEET DETERMINED BY: Unknown
HOLE SIZE: 7-7/8" SETTING DEPTH: 4658'

TOTAL DEPTH: 4673'

PRODUCING INTERVAL

FORMATION: Queen POOL OR FIELD: E-K Yates Seven Rivers Queen
SPUD DATED: 7/25/73 COMPLETION DATE: 8/16/73
PERFORATED: 4304 FEET TO 4538 FEET

STIMULATION: 1000 gallons 15% acid, 20,000 gallons 9# brine & 40,000# 20/40 sand.

OTHER PERFORATED ZONES: None

CURRENT STATUS

WHAT IS CURRENT STATUS OF WELL? Pumping oil well

IF P&A, LIST PLUGGING DETAILS: _____

WELL DATA SHEET

OK

OPERATOR: Ray Westall LEASE: Joannie

WELL NO.: 4 FOOTAGE: 660' FNL & 990' FWL SECTION: 8-18S-34E D

TUBULAR DATA

SURFACE CASING

SIZE: 8-5/8" 20# CEMENTED WITH: 275 SX.
TOC: Surface FEET DETERMINED BY: Circulation
HOLE SIZE: 11" SETTING DEPTH: 325'

INTERMEDIATE CASING

SIZE: None CEMENTED WITH: _____ SX.
TOC: _____ FEET DETERMINED BY: _____
HOLE SIZE: _____ SETTING DEPTH: _____

LONG STRING

SIZE: 4-1/2" 10.5# & 5-1/2" 15.5# CEMENTED WITH: 600 SX.
TOC: Unknown FEET DETERMINED BY: Unknown
HOLE SIZE: 7-7/8" SETTING DEPTH: 4502'
TOTAL DEPTH: 4670'

PRODUCING INTERVAL

FORMATION: Queen POOL OR FIELD: E-K Yates Seven Rivers Queen
SPUD DATED: 11/13/73 COMPLETION DATE: 11/27/73
PERFORATED: 4324 FEET TO 4334 FEET

STIMULATION: 500 gallons acid

OTHER PERFORATED ZONES: _____

CURRENT STATUS

WHAT IS CURRENT STATUS OF WELL? Pumping oil well

IF P&A, LIST PLUGGING DETAILS: _____

WELL DATA SHEET

OK

OPERATOR: Ray Westall LEASE: Joannie

WELL NO.: 5 FOOTAGE: 1650' FNL & 1980' FWL SECTION: 8-18S-34E F

TUBULAR DATA

SURFACE CASING

SIZE: 8-5/8" 24# CEMENTED WITH: 300 SX.
TOC: Surface FEET DETERMINED BY: Circulation
HOLE SIZE: 11" SETTING DEPTH: 365'

INTERMEDIATE CASING

SIZE: None CEMENTED WITH: _____ SX.
TOC: _____ FEET DETERMINED BY: _____
HOLE SIZE: _____ SETTING DEPTH: _____

LONG STRING

SIZE: 5-1/2" 14# CEMENTED WITH: 175 SX.
TOC: Unknown FEET DETERMINED BY: Unknown
HOLE SIZE: 7-7/8" SETTING DEPTH: 4419'

TOTAL DEPTH: 4420'

PRODUCING INTERVAL

FORMATION: Queen POOL OR FIELD: E-K Yates Seven Rivers Queen
SPUD DATED: 4/5/74 COMPLETION DATE: 6/11/74
PERFORATED: 4381 FEET TO 4391 FEET

STIMULATION: 500 gallons 15% acid, 10,000 gallons gelled brine & 20,000# 20/40 sand

OTHER PERFORATED ZONES: None

CURRENT STATUS

WHAT IS CURRENT STATUS OF WELL? Pumping oil well

IF P&A, LIST PLUGGING DETAILS: _____

WELL DATA SHEET

OK 

OPERATOR: V-F Petroleum Inc. LEASE: E-K 8 State

WELL NO.: 1 FOOTAGE: 1650' FSL & 2100' FEL SECTION: 8-18S-34E J

TUBULAR DATA

SURFACE CASING

SIZE: 8-5/8" 24# CEMENTED WITH: 250 SX.
TOC: Surface FEET DETERMINED BY: Circulation
HOLE SIZE: 12-1/4" SETTING DEPTH: 401'

INTERMEDIATE CASING

SIZE: None CEMENTED WITH: _____ SX.
TOC: _____ FEET DETERMINED BY: _____
HOLE SIZE: _____ SETTING DEPTH: _____

LONG STRING

SIZE: None CEMENTED WITH: _____ SX.
TOC: _____ FEET DETERMINED BY: _____
HOLE SIZE: _____ SETTING DEPTH: _____

TOTAL DEPTH: _____

PRODUCING INTERVAL

FORMATION: None POOL OR FIELD: _____
SPUD DATE: _____ COMPLETION DATE: _____
PERFORATED: _____ FEET TO _____ FEET

STIMULATION: _____

OTHER PERFORATED ZONES: _____

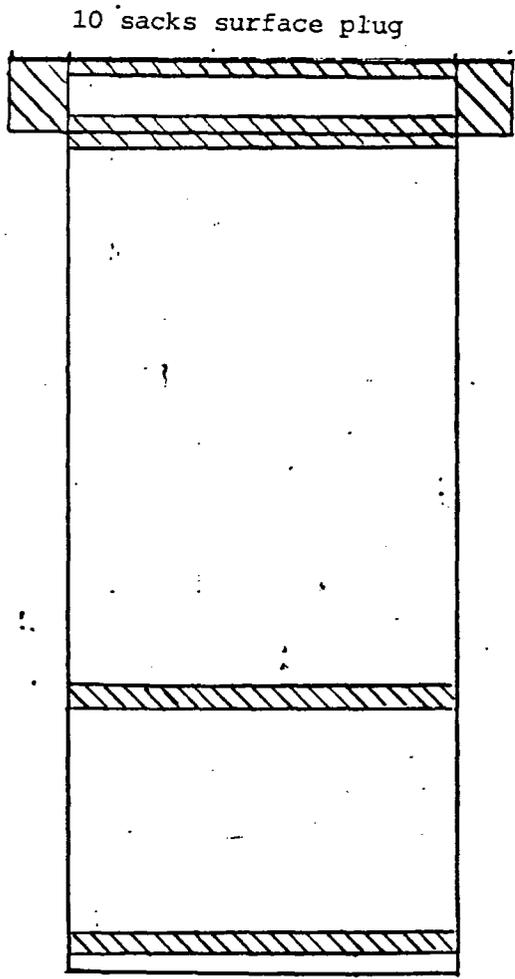
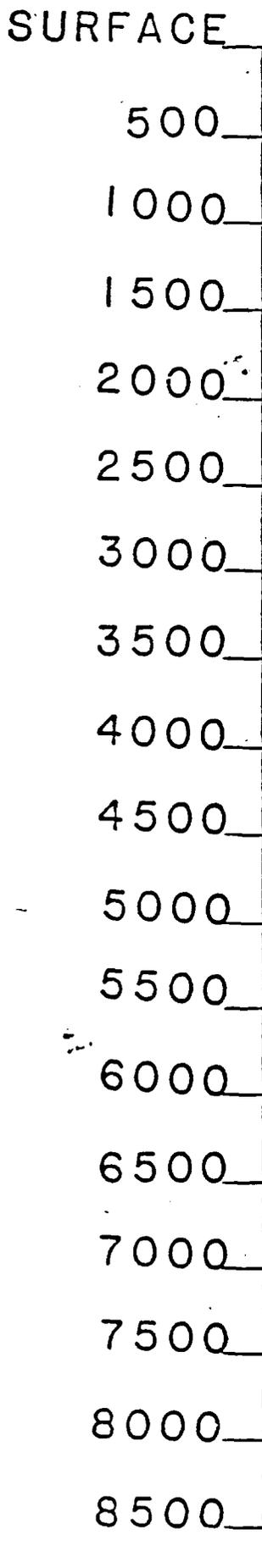
CURRENT STATUS

WHAT IS CURRENT STATUS OF WELL? P&A

IF P&A, LIST PLUGGING DETAILS: 25 sxs. at 4400', 25 sxs. at 3150', 25 sxs. at 450', 10 sxs. surface plug.

outlet of 1/2 inch
OK 

E-K 8 State #1
NW/4 SE/4 Sec. 8-18S-34E J
Lea County, New Mexico



8-5/8" surface casing set at 401'
with cement circulated

25 sxs. plug at 450'

25 sxs. plug at 3150'

25 sxs. plug at 4400'

TD 4460

 Cement

*outside of
1/2 mile
OK*

WELL DATA SHEET

OPERATOR: Richarson & Bass LEASE: State of New Mexico Lease E-5014
WELL NO.: 3 FOOTAGE: 1980' FWL & 1980' FSL SECTION: 8-18S-34E K

TUBULAR DATA

SURFACE CASING

SIZE: 8-5/8" 24# CEMENTED WITH: 260 SX.
TOC: Surface FEET DETERMINED BY: Circulation
HOLE SIZE: 12" SETTING DEPTH: 349.29'

INTERMEDIATE CASING

SIZE: None CEMENTED WITH: _____ SX.
TOC: _____ FEET DETERMINED BY: _____
HOLE SIZE: _____ SETTING DEPTH: _____

LONG STRING

SIZE: 5-1/2" 17# CEMENTED WITH: 600 SX.
TOC: 2577 FEET DETERMINED BY: Temp. Survey
HOLE SIZE: 7-7/8" SETTING DEPTH: 5362'
TOTAL DEPTH: 5363'

PRODUCING INTERVAL

FORMATION: None POOL OR FIELD: _____
SPUD DATE: _____ COMPLETION DATE: _____
PERFORATED: _____ FEET TO _____ FEET

STIMULATION: _____

OTHER PERFORATED ZONES: 5324-5334', 5306-5318', 5272-5283', 4615-4630'

CURRENT STATUS

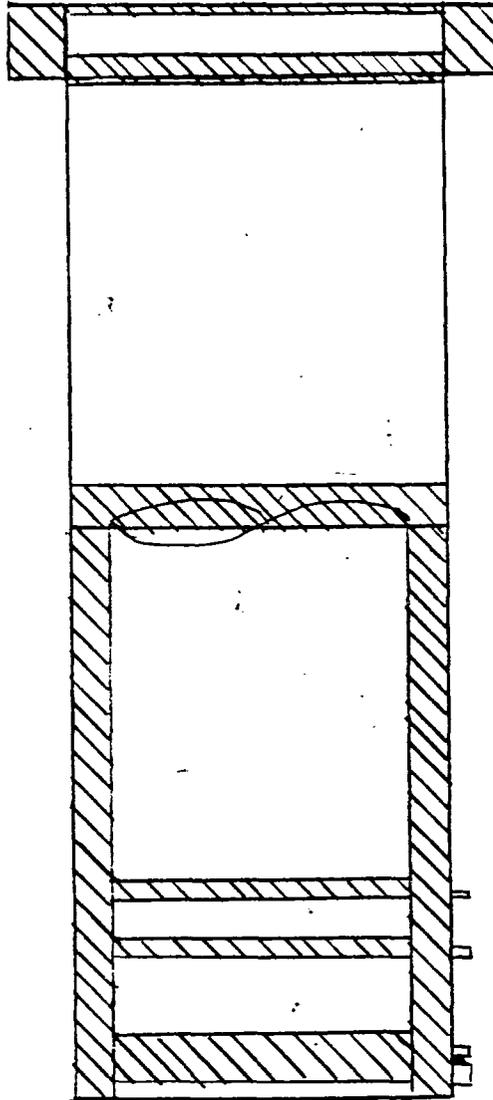
WHAT IS CURRENT STATUS OF WELL? P&A

IF P&A, LIST PLUGGING DETAILS: Squeezed perfs. 5324-5334 with 75 sxs.
Squeezed perfs. 5306-5318 with 100 sxs. Squeezed perfs. 5272-5283 with
75 sxs. Squeezed perfs. 4615-4630 with 50 sxs. Squeezed perfs. 4394-4416
with 50 sxs. Cut casing at 2500'. 50 sxs. plug at 2333-2495', 50 sxs. plug
at 215-368', 15 sxs. plug at surface.

SURFACE

500
 1000
 1500
 2000
 2500
 3000
 3500
 4000
 4500
 5000
 5500
 6000
 6500
 7000
 7500
 8000
 8500

15 sack surface plug



TD 5363

8-5/8" surface casing set at
 349.29' with cement circulated

50 sxs. plug from 215-368'

50 sxs. plug from 2333-2495'
 Casing cut and pulled from 2500'

Perfs 4394-4416 squeezed w/50 sx.
 Perfs 4615-4630 squeezed w/50 sx.
 Perfs. 5272-5283 squeezed w/75 s.
 Perfs. 5306-5318 squeezed w/100 .
 Perfs. 5324-5334 squeezed w/75 s.

5-1/2" casing set at 5362'
 with top of cement at 2577'.

 Cement

WELL DATA SHEET

OPERATOR: Seely Oil Company LEASE: Amoco State
WELL NO.: 1 FOOTAGE: 660' FSL & 330' FWL SECTION: 8-18S-34E M

TUBULAR DATA

SURFACE CASING

SIZE: 8-5/8" 24# CEMENTED WITH: 760 SX.
TOC: Surface FEET DETERMINED BY: Circulation
HOLE SIZE: 11" SETTING DEPTH: 1701'

INTERMEDIATE CASING

SIZE: None CEMENTED WITH: _____ SX.
TOC: _____ FEET DETERMINED BY: _____
HOLE SIZE: _____ SETTING DEPTH: _____

LONG STRING

SIZE: 4-1/2" 10.5# CEMENTED WITH: 350 SX.
TOC: 3400 (estimated) FEET DETERMINED BY: Calculation
HOLE SIZE: 7-7/8" SETTING DEPTH: 4800'
TOTAL DEPTH: 4800'

PRODUCING INTERVAL

FORMATION: Queen POOL OR FIELD: E-K Yates Seven Rivers Queen
SPUD DATED: 7/22/83 COMPLETION DATE: 8/29/83
PERFORATED: 4381 FEET TO 4606 FEET

STIMULATION: 1180 gallons acid, 30,000 gallons gelled water & 43,400# sand

OTHER PERFORATED ZONES: None

CURRENT STATUS

WHAT IS CURRENT STATUS OF WELL? Pumping oil well

IF P&A, LIST PLUGGING DETAILS: _____

WELL DATA SHEET

OK

OPERATOR: Forest Oil Corp. LEASE: State-Sunray
WELL NO.: 1 FOOTAGE: 990' FWL & 330' FSL SECTION: 8-18S-34E M

TUBULAR DATA

SURFACE CASING

SIZE: 13-3/8" 48# CEMENTED WITH: 400 SX.
TOC: Surface FEET DETERMINED BY: Circulation
HOLE SIZE: 17-1/4" SETTING DEPTH: 364.28'

INTERMEDIATE CASING

SIZE: 8-5/8" 32# CEMENTED WITH: 1200 SX.
TOC: Surface FEET DETERMINED BY: Circulation
HOLE SIZE: 11" SETTING DEPTH: 4971'

LONG STRING

SIZE: None CEMENTED WITH: SX.
TOC: FEET DETERMINED BY:
HOLE SIZE: SETTING DEPTH:
TOTAL DEPTH: 9198'

PRODUCING INTERVAL

FORMATION: None POOL OR FIELD:
SPUD DATE: COMPLETION DATE:
PERFORATED: FEET TO FEET

STIMULATION: None

OTHER PERFORATED ZONES: None

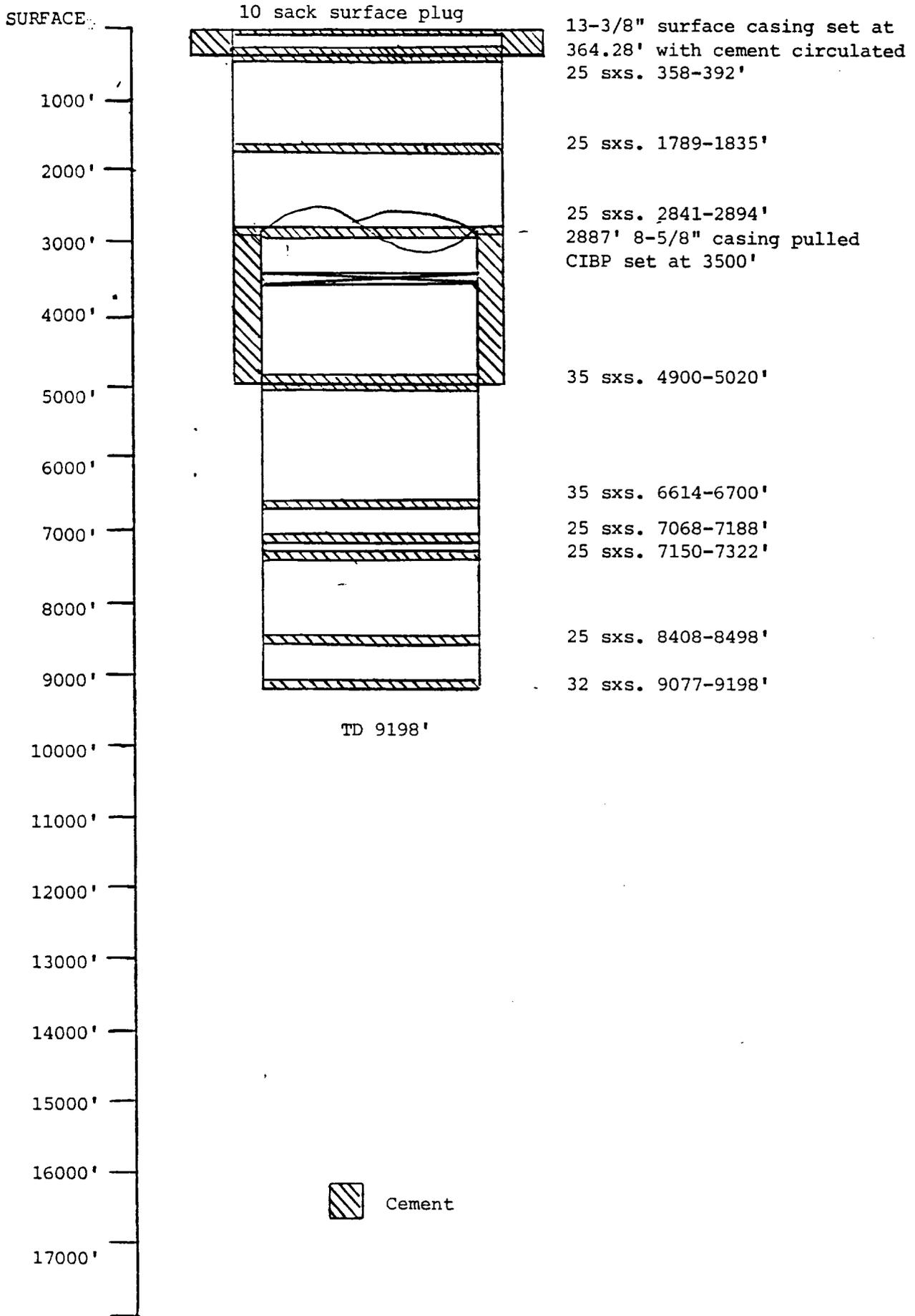
CURRENT STATUS

WHAT IS CURRENT STATUS OF WELL? P&A

IF P&A, LIST PLUGGING DETAILS: Pulled 2887' of 8-5/8" casing. Set cement plugs as follows: 35 sxs. plug from 9198-9077, 25 sxs. plug from 8498-8408, 50 sxs. plug from 7322-7150, 35 sxs. plug from 7188-7068, 25 sxs. plug from 6700-6614, 35 sxs. plug from 5020-4900, CIBP at 3500, 25 sxs. plug from 2894-2841, 25 sxs. plug from 1835-1789, 25 sxs. plug from 392-358, 10 sxs. surface plug.

State Sunray #1
 SW/4 SW/4 Sec. 8-18S-34E
 Lea County, New Mexico

[Handwritten signature]
 OK



WELL DATA SHEET

OPERATOR: Sunray DX Oil Co. LEASE: New Mexico "H" State

WELL NO.: 2 FOOTAGE: 660' FWL & 660' FSL SECTION: 8-18S-34E M

TUBULAR DATA

SURFACE CASING

SIZE: 13-3/8" 36# CEMENTED WITH: 250 SX.
TOC: Surface FEET DETERMINED BY: Circulation
HOLE SIZE: 11" SETTING DEPTH: 243.16

INTERMEDIATE CASING

SIZE: None CEMENTED WITH: _____ SX.
TOC: _____ FEET DETERMINED BY: _____
HOLE SIZE: _____ SETTING DEPTH: _____

LONG STRING

SIZE: 5-1/2" 14# CEMENTED WITH: 150 SX.
TOC: 3640 FEET DETERMINED BY: Temp. Survey
HOLE SIZE: 8" SETTING DEPTH: 4379'
TOTAL DEPTH: 4404'

PRODUCING INTERVAL

FORMATION: Queen POOL OR FIELD: E-K Yates Seven Rivers Queen
SPUD DATED: 3/19/56 COMPLETION DATE: 4/24/56
PERFORATED: Open Hole 4379' FEET TO 4404 FEET

STIMULATION: 10,000 gallons refined oil and 20,000# sand

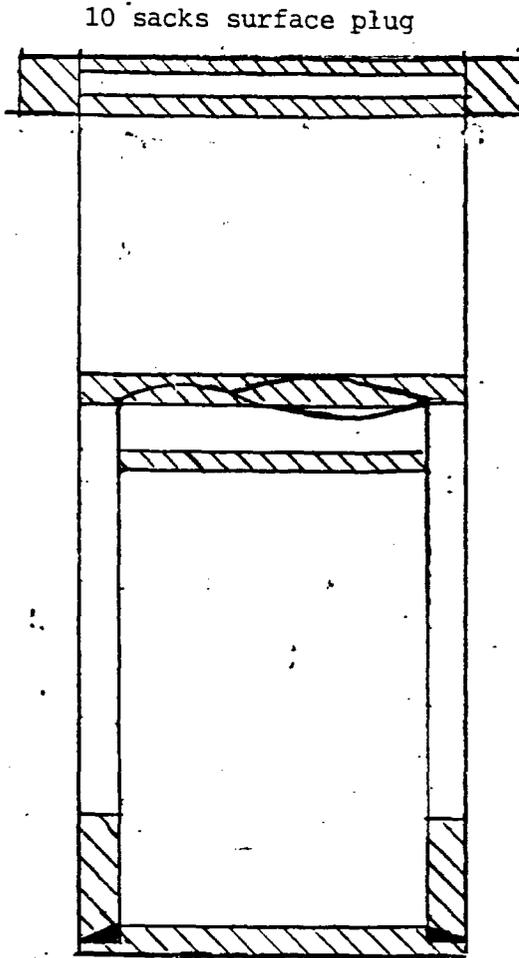
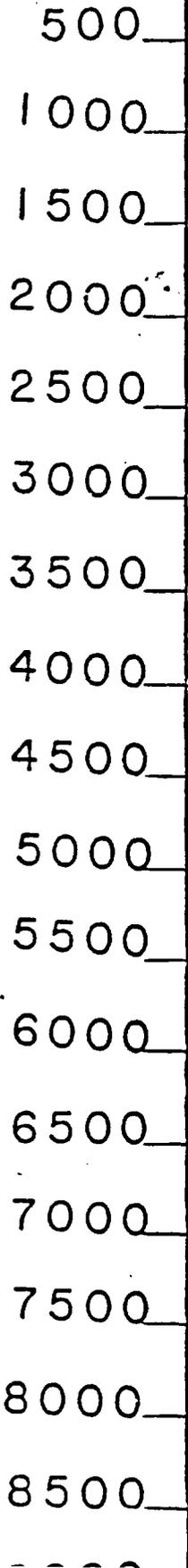
OTHER PERFORATED ZONES: None

CURRENT STATUS

WHAT IS CURRENT STATUS OF WELL? P&A

IF P&A, LIST PLUGGING DETAILS: 25 sxs. 4404-4300', cut casing off at 1640',
25 sxs. 2010-1910', 25 sxs. 1650-1550', 25 sxs. 245-145, 10 sxs. surface plug.

SURFACE



13-7/8" surface casing set at 243.16' with cement circulated. 25 sxs. at 145-245'

Casing cut off and pulled from 1640' 25 sxs. at 1550-1650'

25 sxs. at 1910-2010'

25 sxs. at 4300-4404'

Open Hole 4379-4404'

5 1/2" casing set at 4379' with top of cement at 3640'

 Cement

WELL DATA SHEET

OPERATOR: Seely Oil Company LEASE: State of New Mexico
WELL NO.: 2 FOOTAGE: 1980' FWL & 660' FSL SECTION: 8-18S-34E N

TUBULAR DATA

SURFACE CASING

SIZE: 8-5/8" 24# CEMENTED WITH: 250 SX.
TOC: Surface FEET DETERMINED BY: Circulation
HOLE SIZE: 12" SETTING DEPTH: 354.95'

INTERMEDIATE CASING

SIZE: None CEMENTED WITH: _____ SX.
TOC: _____ FEET DETERMINED BY: _____
HOLE SIZE: _____ SETTING DEPTH: _____

LONG STRING

SIZE: 5-1/2" 17# CEMENTED WITH: 400 SX.
TOC: 2090 FEET DETERMINED BY: Temp. Survey
HOLE SIZE: 7-7/8" SETTING DEPTH: 4454
TOTAL DEPTH: 4477'

PRODUCING INTERVAL

FORMATION: Queen POOL OR FIELD: E-K Yates Seven Rivers Queen
SPUD DATED: 6/11/56 COMPLETION DATE: 6/28/56
PERFORATED: 4428 FEET TO 4436 FEET

STIMULATION: 500 gallons 15% acid, 10,000 gallons oil & 20,000# 20/40 sand

OTHER PERFORATED ZONES: None

CURRENT STATUS

WHAT IS CURRENT STATUS OF WELL? Pumping oil well

IF P&A, LIST PLUGGING DETAILS: _____

WELL DATA SHEET

OPERATOR: Seely Oil Company LEASE: State BC
WELL NO.: 1 FOOTAGE: 660' FSL & 1980' FEL SECTION: 8-18S-34E 0

TUBULAR DATA

SURFACE CASING

SIZE: 8-5/8" 24# CEMENTED WITH: 275 SX.
TOC: Surface FEET DETERMINED BY: Circulation
HOLE SIZE: 11" SETTING DEPTH: 373.27'

INTERMEDIATE CASING

SIZE: None CEMENTED WITH: _____ SX.
TOC: _____ FEET DETERMINED BY: _____
HOLE SIZE: _____ SETTING DEPTH: _____

LONG STRING

SIZE: 5-1/2" 14# CEMENTED WITH: 300 SX.
TOC: 2800 (estimated) FEET DETERMINED BY: Calculation
HOLE SIZE: 7-7/8" SETTING DEPTH: 4454'
TOTAL DEPTH: 4456'

PRODUCING INTERVAL

FORMATION: Queen POOL OR FIELD: E-K Yates Seven Rivers Queen
SPUD DATED: 1/23/57 COMPLETION DATE: 2/22/57
PERFORATED: 4424 FEET TO 4450 FEET

STIMULATION: 500 gallons acid, 15,000 gallons oil & 15,000# 20/40 sand.

OTHER PERFORATED ZONES: None

CURRENT STATUS

WHAT IS CURRENT STATUS OF WELL? Pumping oil well

IF P&A, LIST PLUGGING DETAILS: _____

WELL DATA SHEET

OPERATOR: Seely Oil Company LEASE: State BC

WELL NO.: 2 FOOTAGE: 660' FSL & 660' FEL SECTION: 8-18S-34E p

TUBULAR DATA

SURFACE CASING

SIZE: 8-5/8" 22.7# CEMENTED WITH: 275 SX.
TOC: Surface FEET DETERMINED BY: Circulation
HOLE SIZE: 11" SETTING DEPTH: 373.27'

INTERMEDIATE CASING

SIZE: None CEMENTED WITH: SX.
TOC: FEET DETERMINED BY: FEET
HOLE SIZE: SETTING DEPTH: FEET

LONG STRING

SIZE: 5-1/2" 14# CEMENTED WITH: 300 SX.
TOC: 2800 (estimated) FEET DETERMINED BY: Calculation
HOLE SIZE: 7-7/8" SETTING DEPTH: 4452.31'
TOTAL DEPTH: 4500'

PRODUCING INTERVAL

FORMATION: Queen POOL OR FIELD: E-K Yates Seven Rivers Queen
SPUD DATED: 3/27/57 COMPLETION DATE: 4/20/57
PERFORATED: 4405 FEET TO 4432 FEET

STIMULATION: 500 gallons acid, 15,000 gallons lease crude & 20,000# 20/40 sand

OTHER PERFORATED ZONES: None

CURRENT STATUS

WHAT IS CURRENT STATUS OF WELL? Pumping oil well

IF P&A, LIST PLUGGING DETAILS: _____

WELL DATA SHEET

OPERATOR: Amoco Production Co. LEASE: State CN

WELL NO.: 1 FOOTAGE: 1980' FSL & 1980' FEI SECTION: 9-18S-34E J

TUBULAR DATA

SURFACE CASING

SIZE: 13-3/8" 48# CEMENTED WITH: 550 SX.
TOC: Surface FEET DETERMINED BY: Circulation
HOLE SIZE: 17-1/2" SETTING DEPTH: 518'

INTERMEDIATE CASING

SIZE: 8-5/8" 32# CEMENTED WITH: 400 SX.
TOC: Surface FEET DETERMINED BY: Calculation
HOLE SIZE: 12-1/4" SETTING DEPTH: 3586'

LONG STRING

SIZE: None CEMENTED WITH: _____ SX.
TOC: _____ FEET DETERMINED BY: _____
HOLE SIZE: _____ SETTING DEPTH: _____
TOTAL DEPTH: 9000'

PRODUCING INTERVAL

FORMATION: None POOL OR FIELD: Vacuum W.
SPUD DATE: 10/28/84 COMPLETION DATE: 12/5/84
PERFORATED: None FEET TO None FEET

STIMULATION: None

OTHER PERFORATED ZONES: None

CURRENT STATUS

WHAT IS CURRENT STATUS OF WELL? P&A

IF P&A, LIST PLUGGING DETAILS: 25 sxs. plug from 9000-8935, 35 sxs. plug from 8001-7901, 40 sxs. plug from 6363-6263, 35 sxs. plug from 3623-3523, 35 sxs. plug from 1796-1696, 30 sxs. plug from 567-467, 10 sxs. surface plug.

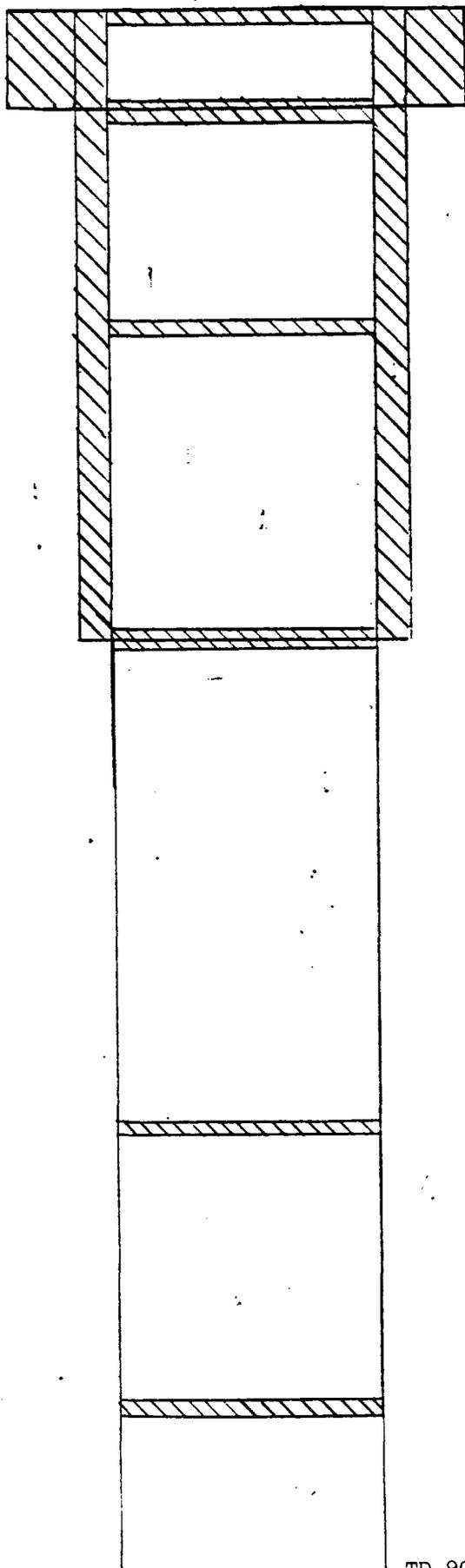
 Cement

State CN #1
NW/4 SE/4 Sec. 9-18S-34E J
Lea County, New Mexico

SURFACE

500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
6000
6500
7000
7500
8000
8500
9000

10 sack surface plug



13-3/8" surface casing set at .
518' with cement circulated

30 sxs. plug 467-567'

35 sxs. plug 1696-1796'

8-5/8" intermediate casing set at
3586' with cement circulated

35 sxs. plug 3523-3623'

40 sxs. plug 6263-6363'

35 sxs. plug 7901-8001'

25 sxs. plug 8935-9000'

TD 9000'



WELL DATA SHEET

OPERATOR: Seely Oil Company LEASE: State HS Com.

WELL NO.: 1 FOOTAGE: 1980' FSL & 1980' FWL SECTION: 9-18S-34E K

TUBULAR DATA

SURFACE CASING

SIZE: 13-3/8" 48# CEMENTED WITH: 370 SX.
TOC: Surface FEET DETERMINED BY: Circulation
HOLE SIZE: 17" SETTING DEPTH: 400'

INTERMEDIATE CASING

SIZE: 9-5/8" 40# CEMENTED WITH: 5600 SX.
TOC: Surface FEET DETERMINED BY: Circulation
HOLE SIZE: 12-1/4" SETTING DEPTH: 5900'

LONG STRING

SIZE: 5-1/2" 23# CEMENTED WITH: 3750 SX.
TOC: 3580 FEET DETERMINED BY: CBL
HOLE SIZE: 8-3/4" SETTING DEPTH: 13,717'
TOTAL DEPTH: 13,745'

PRODUCING INTERVAL

FORMATION: Bone Springs POOL OR FIELD: _____
SPUD DATE: 5/11/81 COMPLETION DATE: 12/17/81
PERFORATED: 8050 FEET TO 8428 FEET

STIMULATION: 3000 gallons HCL

OTHER PERFORATED ZONES: 11,110-11,120, 10,548-578, 10,854-11004, 11,487-11,565,
11,446-11,469, 11,315-11,385

CURRENT STATUS

WHAT IS CURRENT STATUS OF WELL? Temporarily abandoned.

IF P&A, LIST PLUGGING DETAILS: _____

WELL DATA SHEET

OPERATOR: Ray Westall LEASE: Joannie Shell

WELL NO.: 1 FOOTAGE: 330' FNL & 330' FWL SECTION: 16-18S-34E

TUBULAR DATA

SURFACE CASING

SIZE: 8-5/8" 24# CEMENTED WITH: 279 SX.
TOC: Surface FEET DETERMINED BY: Circulation
HOLE SIZE: 11" SETTING DEPTH: 325'

INTERMEDIATE CASING

SIZE: None CEMENTED WITH: _____ SX.
TOC: _____ FEET DETERMINED BY: _____
HOLE SIZE: _____ SETTING DEPTH: _____

LONG STRING

SIZE: 4-1/2" 10.5# CEMENTED WITH: 400 SX.
TOC: 3000' (est.) FEET DETERMINED BY: Calculation
HOLE SIZE: 7-7/8" SETTING DEPTH: 4625'
TOTAL DEPTH: 4682'

PRODUCING INTERVAL

FORMATION: Queen POOL OR FIELD: EK Yates-Seven Rivers-Queen
SPUD DATE: 10/27/73 COMPLETION DATE: 11/9/73
PERFORATED: 4418 FEET TO 4450 FEET

STIMULATION: Acid - 1500 gals. 15%, Frac - 50,000 gals. brine & 50,000# 20/40 sand

OTHER PERFORATED ZONES: None

CURRENT STATUS

WHAT IS CURRENT STATUS OF WELL? Producing from Queen

IF P&A, LIST PLUGGING DETAILS: _____

WELL DATA SHEET

OPERATOR: The Atlantic Refining Co. LEASE: State "AJ"

WELL NO.: 2 FOOTAGE: 330' FNL & 1984.5' FEL SECTION: 17-18S-34E B

TUBULAR DATA

SURFACE CASING

SIZE: 8-5/8" 18# CEMENTED WITH: 300 SX.
TOC: Surface FEET DETERMINED BY: Circulation
HOLE SIZE: 12-1/4" SETTING DEPTH: 336

INTERMEDIATE CASING

SIZE: None CEMENTED WITH: _____ SX.
TOC: _____ FEET DETERMINED BY: _____
HOLE SIZE: _____ SETTING DEPTH: _____

LONG STRING

SIZE: 5-1/2" 14, 15.5 & 17# CEMENTED WITH: 1400 SX.
TOC: 12' FEET DETERMINED BY: Visual inspection
HOLE SIZE: 7-7/8" SETTING DEPTH: 4495'
TOTAL DEPTH: 4496'

PRODUCING INTERVAL

FORMATION: Queen POOL OR FIELD: E-K Yates-Seven Rivers-Queen
SPUD DATE: 4/12/57 COMPLETION DATE: 5/6/57
PERFORATED: 4463 FEET TO 4469 FEET

STIMULATION: 500 gallons 7-1/2% MCA acid, 2000 gallons oil and 2000# 20/40 sand

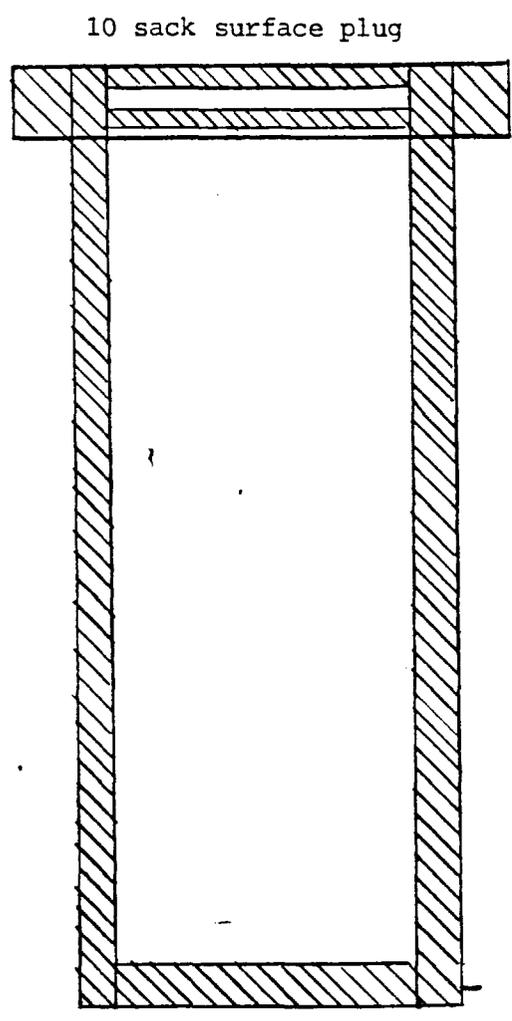
OTHER PERFORATED ZONES: _____

CURRENT STATUS

WHAT IS CURRENT STATUS OF WELL? P&A

IF P&A, LIST PLUGGING DETAILS: 20 sxs. 4250-4460', 20 sxs. 165-240', 10 sxs. at surface.

SURFACE
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
6000
6500
7000
7500
8000
8500
9000



8-5/8" surface casing set at
336' with cement circulated
20 sxs. 165-240

5-1/2" production casing set at
4495' with top of cement
12' from surface

20 sxs. 4250-4460'

Perforations 4463-4469'

 Cement

WELL DATA SHEET

OPERATOR: Seely Oil Company LEASE: Santa Fe State

WELL NO.: 1 FOOTAGE: 330' FNL & 2310' FWL SECTION: 17-18S-34E C

TUBULAR DATA

SURFACE CASING

SIZE: 8-5/8" 24# CEMENTED WITH: 800 SX.
TOC: Surface FEET DETERMINED BY: Circulation
HOLE SIZE: 11" SETTING DEPTH: 1659'

INTERMEDIATE CASING

SIZE: None CEMENTED WITH: _____ SX.
TOC: _____ FEET DETERMINED BY: _____
HOLE SIZE: _____ SETTING DEPTH: _____

LONG STRING

SIZE: 4-1/2" 10.5# CEMENTED WITH: 350 SX.
TOC: 3400 (estimated) FEET DETERMINED BY: Calculation
HOLE SIZE: 7-7/8" SETTING DEPTH: 4820
TOTAL DEPTH: 4820'

PRODUCING INTERVAL

FORMATION: Queen POOL OR FIELD: E-K Yates Seven Rivers Queen
SPUD DATED: 1/5/85 COMPLETION DATE: 11/8/85
PERFORATED: 4462 FEET TO 4692 FEET

STIMULATION: 20,200 gallons gel & 32,000# sand

OTHER PERFORATED ZONES: None

CURRENT STATUS

WHAT IS CURRENT STATUS OF WELL? Pumping Oil Well

IF P&A, LIST PLUGGING DETAILS: _____

WELL DATA SHEET

OPERATOR: The Ohio Oil Co. LEASE: State EKA

WELL NO.: 6 FOOTAGE: 330' FNL & 1650' FWL SECTION: 17-18S-34E C

TUBULAR DATA

SURFACE CASING

SIZE: 10-3/4" 32.75# CEMENTED WITH: 250 SX.
TOC: Surface FEET DETERMINED BY: Circulation
HOLE SIZE: 13-3/4" SETTING DEPTH: 380.83'

INTERMEDIATE CASING

SIZE: None CEMENTED WITH: _____ SX.
TOC: _____ FEET DETERMINED BY: _____
HOLE SIZE: _____ SETTING DEPTH: _____

LONG STRING

SIZE: 5-1/2" 15.5# CEMENTED WITH: 650 SX.
TOC: 2700 FEET DETERMINED BY: Temp. Survey
HOLE SIZE: 8-3/4" SETTING DEPTH: 4516.50'
TOTAL DEPTH: 4517'

PRODUCING INTERVAL

FORMATION: Queen POOL OR FIELD: E-K Yates Seven Rivers Queen
SPUD DATED: 8/24/56 COMPLETION DATE: 10/2/56
PERFORATED: 4444 FEET TO 4464 FEET

STIMULATION: 500 gallons mud acid, 10,000 gallons oil & 10,000 sand.

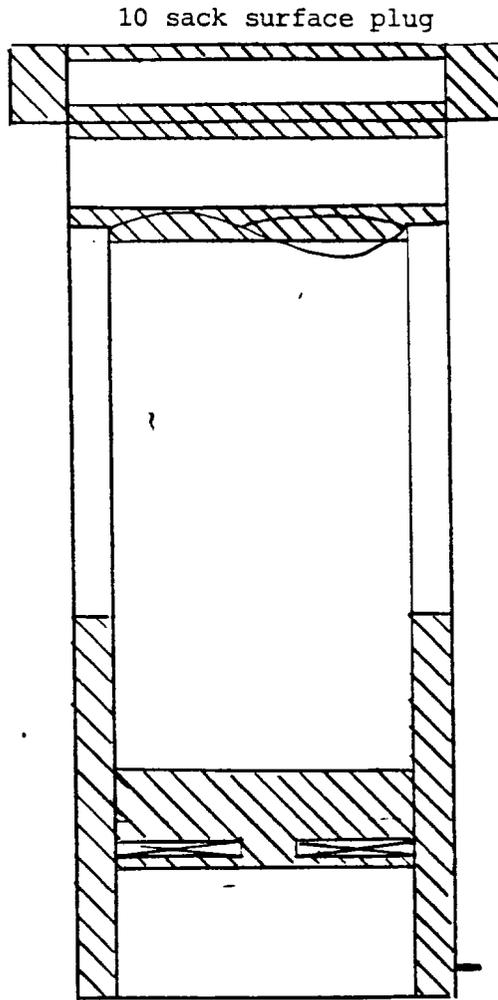
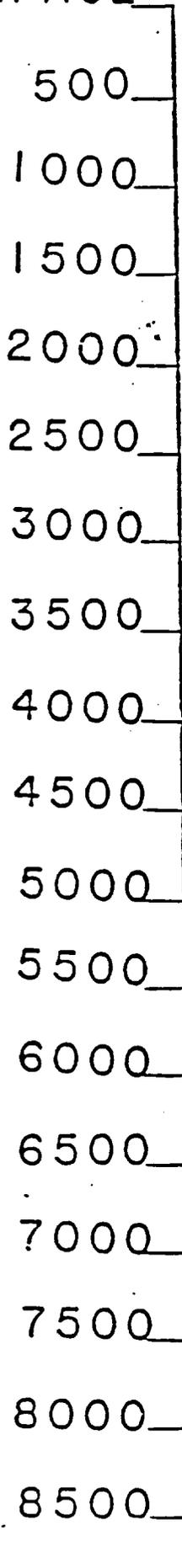
OTHER PERFORATED ZONES: None

CURRENT STATUS

WHAT IS CURRENT STATUS OF WELL? P&A

IF P&A, LIST PLUGGING DETAILS: Cement retainer at 3818', spotted 50 sxs. below
retainer and 50 sxs. above retainer. Tagged cement at 3431. Cut & pulled
casing from 778'. 50 sxs. at 817', 50 sxs. at 408', 10 sxs. surface plug.

SURFACE



TD 4517

 Cement

10-3/4" surface casing set at
380.83' with cement circulated
50 sxs. 308-408'

50 sxs. 717-817'
Cut and pulled casing from 778'

Top of cement at 2700'

Top of cement inside casing at 3431'

Cement retainer at 3818'
50 sxs. cement below retainer

Perforations 4444-4464'

5-1/2 production casing set at
4516.5'

WELL DATA SHEET

OPERATOR: Seely Oil Company LEASE: State AJ

WELL NO.: 1 FOOTAGE: 660' FNL & 661.5' FWL SECTION: 17-18S-34E D

TUBULAR DATA

SURFACE CASING

SIZE: 8-5/8" 24# CEMENTED WITH: 200 SX.
TOC: Surface FEET DETERMINED BY: Circulation
HOLE SIZE: 12-1/4" SETTING DEPTH: 254'

INTERMEDIATE CASING

SIZE: None CEMENTED WITH: _____ SX.
TOC: _____ FEET DETERMINED BY: _____
HOLE SIZE: _____ SETTING DEPTH: _____

LONG STRING

SIZE: 5-1/2" 15.5# CEMENTED WITH: 1200 SX.
TOC: 1800 (estimated) FEET DETERMINED BY: Calculation
HOLE SIZE: 7-7/8" SETTING DEPTH: 4490'

TOTAL DEPTH: 4490'

PRODUCING INTERVAL

FORMATION: Queen POOL OR FIELD: E-K Yates Seven Rivers Queen
SPUD DATED: 2/26/86 COMPLETION DATE: 4/7/86
PERFORATED: 4434 FEET TO 4446 FEET

STIMULATION: 500 gallons acid, 10,000 gallons & 10,000# sand

OTHER PERFORATED ZONES: None

CURRENT STATUS

WHAT IS CURRENT STATUS OF WELL? Pumping oil well

IF P&A, LIST PLUGGING DETAILS: _____

WELL DATA SHEET

OPERATOR: The Ohio Company LEASE: State EKA

WELL NO.: 5 FOOTAGE: 660' FWL & 1980' FNL SECTION: 17-18S-34E

E

TUBULAR DATA

SURFACE CASING

SIZE: 10-3/4" 32.75# CEMENTED WITH: 250 SX.
TOC: Surface FEET DETERMINED BY: Circulation
HOLE SIZE: 13-3/4" SETTING DEPTH: 367'

INTERMEDIATE CASING

SIZE: None CEMENTED WITH: _____ SX.
TOC: _____ FEET DETERMINED BY: _____
HOLE SIZE: _____ SETTING DEPTH: _____

LONG STRING

SIZE: None CEMENTED WITH: _____ SX.
TOC: _____ FEET DETERMINED BY: _____
HOLE SIZE: _____ SETTING DEPTH: _____

TOTAL DEPTH: 4546'

PRODUCING INTERVAL

FORMATION: None POOL OR FIELD: _____
SPUD DATED: _____ COMPLETION DATE: _____
PERFORATED: _____ FEET TO _____ FEET

STIMULATION: None

OTHER PERFORATED ZONES: None

CURRENT STATUS

WHAT IS CURRENT STATUS OF WELL? P&A

IF P&A, LIST PLUGGING DETAILS: 150' cement plug 4546-4396', 200' cement plug from 467-267', CIBP at 200', 15' cement plug at surface.

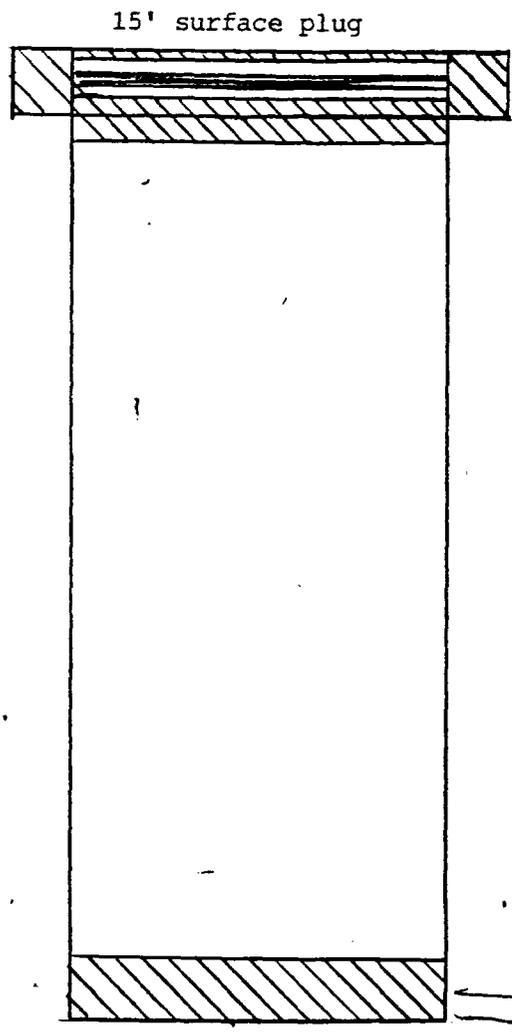
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State EKA #5
SW/4 NW/4 Sec. 17-18S-34E
Lea County, New Mexico

E

SURFACE

500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
6000
6500
7000
7500
8000
8500



10-3/4" surface casing set at 367'
with cement circulated
CIBP at 200'
200' cement plug 267-467'

150' cement plug 4396-4546'

TD 4546

 Cement

[Handwritten scribble]

WELL DATA SHEET

OPERATOR: Seely Oil Company LEASE: Santa Fe State

WELL NO.: 2 FOOTAGE: 330' FNL & 990' FEL SECTION: 18-18S-34E A

TUBULAR DATA

SURFACE CASING

SIZE: 8-5/8" 24# CEMENTED WITH: 700 SX.
TOC: Surface FEET DETERMINED BY: Circulation
HOLE SIZE: 11" SETTING DEPTH: 1700'

INTERMEDIATE CASING

SIZE: None CEMENTED WITH: _____ SX.
TOC: _____ FEET DETERMINED BY: _____
HOLE SIZE: _____ SETTING DEPTH: _____

LONG STRING

SIZE: 4-1/2" 10.5# CEMENTED WITH: 600 SX.
TOC: 3000 (estimated) FEET DETERMINED BY: Calculation
HOLE SIZE: 7-7/8" SETTING DEPTH: 4800'
TOTAL DEPTH: 4800'

PRODUCING INTERVAL

FORMATION: Queen POOL OR FIELD: E-K Yates Seven Rivers Queen
SPUD DATED: 1/12/86 COMPLETION DATE: 8/1/86
PERFORATED: 4400 FEET TO 4414 FEET

STIMULATION: 1000 gallons acid, 19,000 gallons & 21,000# sand

OTHER PERFORATED ZONES: None

CURRENT STATUS

WHAT IS CURRENT STATUS OF WELL? Pumping oil well

IF P&A, LIST PLUGGING DETAILS: _____

WELL DATA SHEET

OPERATOR: Marathon Oil Company LEASE: State EKA

WELL NO.: 3 FOOTAGE: 660' FNL & 660' FEL SECTION: 18-18S-34E

A

TUBULAR DATA

SURFACE CASING

SIZE: 10-3/4" CEMENTED WITH: 200 SX.
TOC: Surface FEET DETERMINED BY: Circulation
HOLE SIZE: 13-3/4" SETTING DEPTH: 383.04'

INTERMEDIATE CASING

SIZE: None CEMENTED WITH: _____ SX.
TOC: _____ FEET DETERMINED BY: _____
HOLE SIZE: _____ SETTING DEPTH: _____

LONG STRING

SIZE: 7" 23# CEMENTED WITH: 400 SX.
TOC: 2700 (estimated) FEET DETERMINED BY: Calculated
HOLE SIZE: 8-3/4" SETTING DEPTH: 4489'
TOTAL DEPTH: 4490'

PRODUCING INTERVAL

FORMATION: Queen POOL OR FIELD: E-K Yates Seven Rivers Queen
SPUD DATED: 2/14/56 COMPLETION DATE: 3/15/56
PERFORATED: 4414 FEET TO 4426 FEET

STIMULATION: 500 gallons acid, 10,000 gallons lease oil and 10,000# sand

OTHER PERFORATED ZONES: None

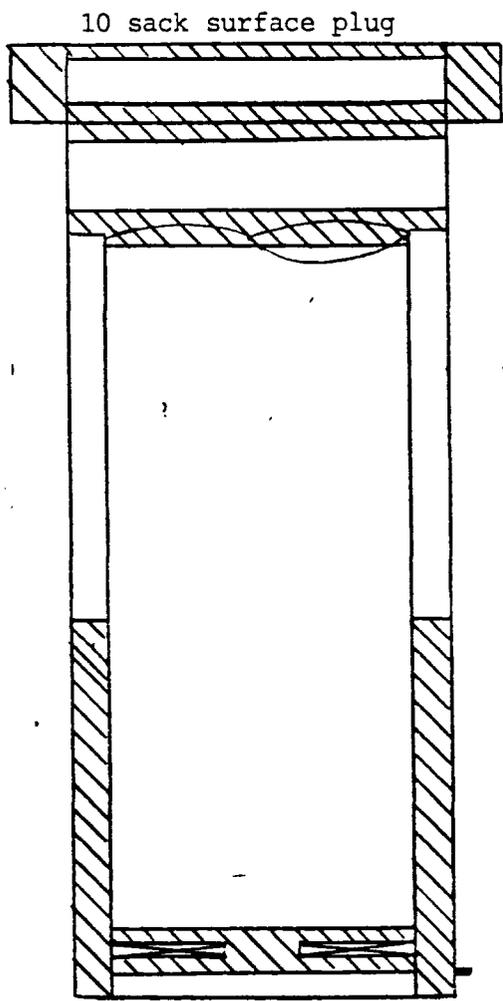
CURRENT STATUS

WHAT IS CURRENT STATUS OF WELL? P&A

IF P&A, LIST PLUGGING DETAILS: Cement retainer at 4350' with 40 sx. below and 10 sx. above retainer. Cut and pulled casing at 789', 50 sx. at 655-755', 50 sx. 340-440', 10 sx. surface plug.

SURFACE

500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
6000
6500
7000
7500
8000
8500



10-3/4 surface casing set at 383.04 with cement circulated
50 sxs. 340-440'
50 sxs. 655-755'
Casing cut and pulled from 789'

Top of cement calculated at 2700'

Cement retainer set at 4350'
with 40 sxs. below retainer and 10 sxs. above retainer
Perforations 4414-4426'

7" production casing set at 4489'

WELL DATA SHEET

OPERATOR: Marathon Oil Company LEASE: State EKA

WELL NO.: 2 FOOTAGE: 660' FNL & 1980' FEL SECTION: 18-18S-34E

B

TUBULAR DATA

SURFACE CASING

SIZE: 10-3/4" 40.5# CEMENTED WITH: 200 SX.
TOC: Surface FEET DETERMINED BY: Circulation
HOLE SIZE: 13-3/4" SETTING DEPTH: 348'

INTERMEDIATE CASING

SIZE: None CEMENTED WITH: _____ SX.
TOC: _____ FEET DETERMINED BY: _____
HOLE SIZE: _____ SETTING DEPTH: _____

LONG STRING

SIZE: 7" 23# CEMENTED WITH: 375 SX.
TOC: 2800 (estimated) FEET DETERMINED BY: Calculation
HOLE SIZE: 8-3/4" SETTING DEPTH: 4489'
TOTAL DEPTH: 4490'

PRODUCING INTERVAL

FORMATION: Queen POOL OR FIELD: E-K Yates Seven Rivers Queen
SPUD DATED: 9/26/55 COMPLETION DATE: 10/31/55
PERFORATED: 4430 FEET TO 4440 FEET

STIMULATION: 500 gallons acid, 10,000 gallons oil & 10,000# sand

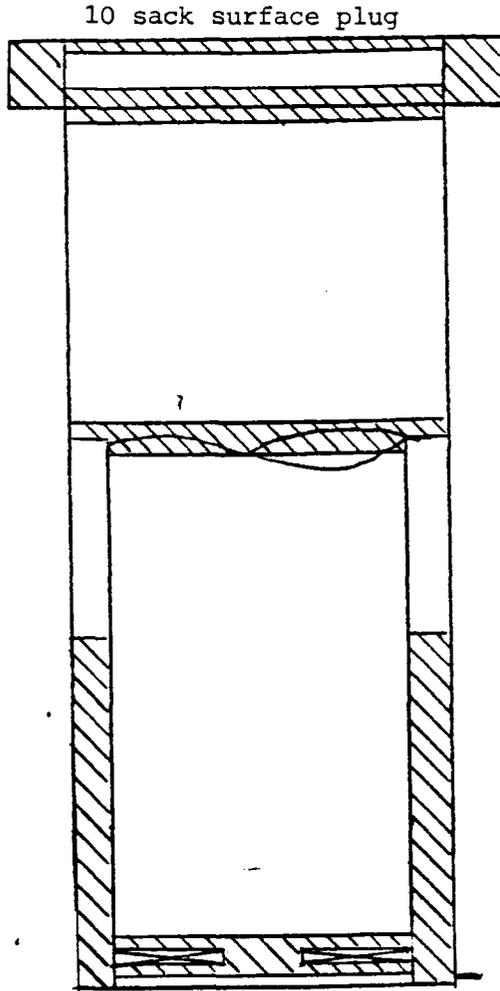
OTHER PERFORATED ZONES: None

CURRENT STATUS

WHAT IS CURRENT STATUS OF WELL? P&A

IF P&A, LIST PLUGGING DETAILS: Cement retainer at 4350' with 40 sxs. below the retainer and 10 sxs. above retainer. Cut & pulled casing from 1884', 50 sxs. 1934-1834', 50 sxs. 430-330', 10 sxs. surface plug.

SURFACE



10-3/4" surface casing set at
348' with cement circulated
50 sxs. 330-430'

Cut and pull casing from 1884'
50 sxs. 1834-1934'

Top of cement in annulus at
2800 (estimated)

Cement retainer set at 4350'
with 40 sxs. below retainer and
10 sxs. above retainer

Perforations 4430-4440'

7" production casing set at 4489'

TD 4490'

 Cement

WELL DATA SHEET

OPERATOR: T. J. Sivley LEASE: Fox

WELL NO.: 3 FOOTAGE: 330' FNL & 2370' FWL SECTION: 18-18S-34E

C

TUBULAR DATA

SURFACE CASING

SIZE: 13-3/8" 40# CEMENTED WITH: 220 SX.
TOC: Surface FEET DETERMINED BY: Circulation
HOLE SIZE: Unknown SETTING DEPTH: 240

INTERMEDIATE CASING

SIZE: 8-5/8" CEMENTED WITH: Mudded SX.
TOC: None FEET DETERMINED BY: None
HOLE SIZE: Unknown SETTING DEPTH: 1775'

LONG STRING

SIZE: None CEMENTED WITH: _____ SX.
TOC: _____ FEET DETERMINED BY: _____
HOLE SIZE: _____ SETTING DEPTH: _____

TOTAL DEPTH: 4450'

PRODUCING INTERVAL

FORMATION: None POOL OR FIELD: _____
SPUD DATE: _____ COMPLETION DATE: _____
PERFORATED: _____ FEET TO _____ FEET

STIMULATION: None

OTHER PERFORATED ZONES: None

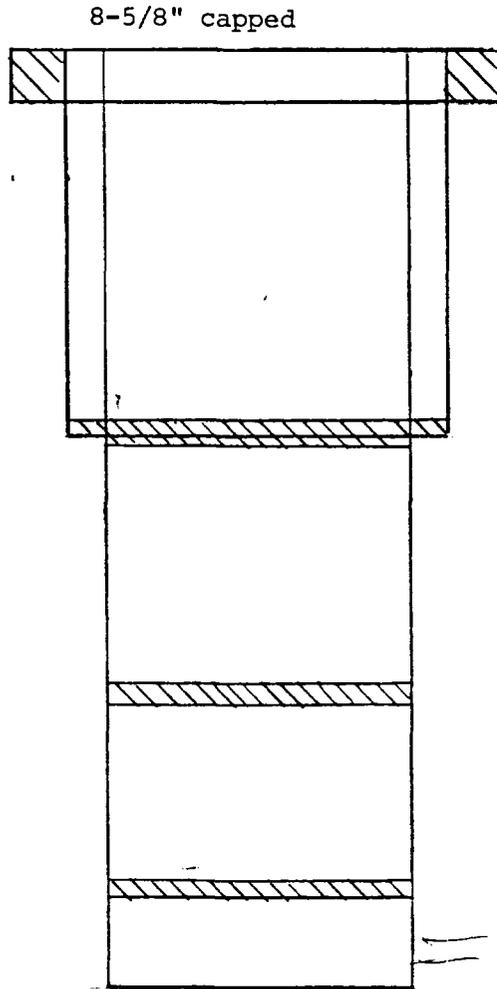
CURRENT STATUS

WHAT IS CURRENT STATUS OF WELL? P&A

IF P&A, LIST PLUGGING DETAILS: 10 sxs. at 4000', 20 sxs. at 3100', 20 sxs. at 1800', 8-5/8" casing was capped.

SURFACE

500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
6000
6500
7000
7500
8000
8500



 Cement

WELL DATA SHEET

OPERATOR: T. J. Sivley LEASE: Fox

WELL NO.: 2 FOOTAGE: 660' FNL & 660' FWL SECTION: 18-18S-34E D

TUBULAR DATA

SURFACE CASING

SIZE: 8-5/8" 24# CEMENTED WITH: 175 SX.
TOC: Surface FEET DETERMINED BY: Circulation
HOLE SIZE: Unknown SETTING DEPTH: 299'

INTERMEDIATE CASING

SIZE: None CEMENTED WITH: _____ SX.
TOC: _____ FEET DETERMINED BY: _____
HOLE SIZE: _____ SETTING DEPTH: _____

LONG STRING

SIZE: None CEMENTED WITH: _____ SX.
TOC: _____ FEET DETERMINED BY: _____
HOLE SIZE: _____ SETTING DEPTH: _____
TOTAL DEPTH: 4441'

PRODUCING INTERVAL

FORMATION: None POOL OR FIELD: _____
SPUD DATE: _____ COMPLETION DATE: _____
PERFORATED: _____ FEET TO _____ FEET

STIMULATION: None

OTHER PERFORATED ZONES: None

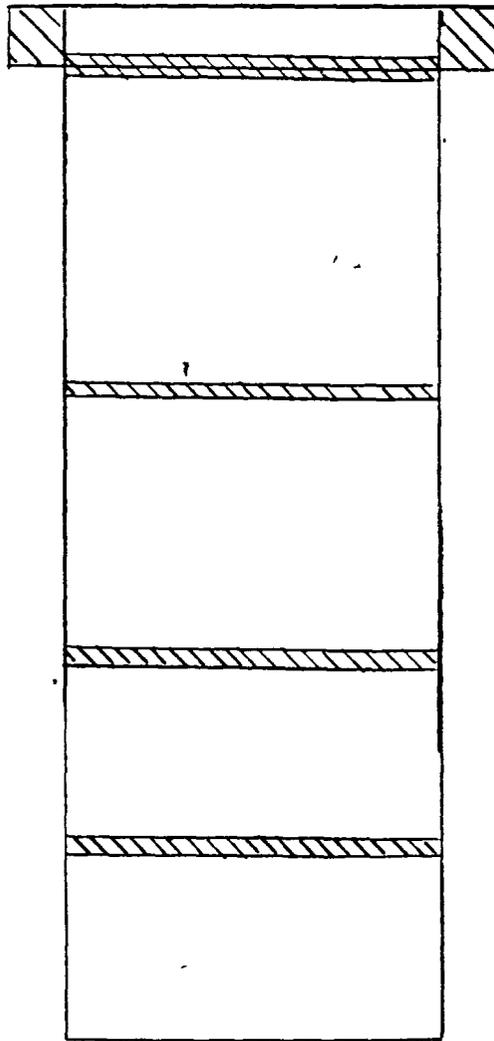
CURRENT STATUS

WHAT IS CURRENT STATUS OF WELL? P&A

IF P&A, LIST PLUGGING DETAILS: 20 sxs. at 4000', 20 sxs. at 3100', 20 sxs. at 1800', 15 sxs. at 330', cap put in 9-5/8" casing.

SURFACE

8-5/8" capped



3-5/8" surface casing set at 299'
with cement circulated

15 sxs. at 330'

20 sxs. at 1800'

20 sxs. at 3100'

20 sxs. at 4000'

TD 4441

 Cement

500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
6000
6500
7000
7500
8000
8500

WELL DATA SHEET

OPERATOR: Oryx LEASE: Mescalero Ridge "C" Federal

WELL NO.: 1 FOOTAGE: 330' FNL & 330' FWL SECTION: 18-18S-34E D

TUBULAR DATA

SURFACE CASING

SIZE: 13-3/8" 48# CEMENTED WITH: 375 SX.
TOC: Surface FEET DETERMINED BY: Circulation
HOLE SIZE: 17-1/4" SETTING DEPTH: 365'

INTERMEDIATE CASING

SIZE: 8-5/8" 24 & 28# CEMENTED WITH: 1050 SX.
TOC: Surface FEET DETERMINED BY: Circulation
HOLE SIZE: 12-1/4" SETTING DEPTH: 3300'

LONG STRING

SIZE: 5-1/2" 15.5 & 17# CEMENTED WITH: 1950 SX.
TOC: Surface FEET DETERMINED BY: Circulation
HOLE SIZE: 7-7/8" SETTING DEPTH: 9180'
TOTAL DEPTH: 9180'

PRODUCING INTERVAL

FORMATION: Bone Springs POOL OR FIELD: Mescalero Escarpe Bone Springs
SPUD DATE: 9/20/85 COMPLETION DATE: 12/9/85
PERFORATED: 8772 FEET TO 8890 FEET

STIMULATION: 7000 gallons of acid, 34,000 gallons Versagel and 34,500# sand and 270,000 SCF nitrogen

OTHER PERFORATED ZONES: None

CURRENT STATUS

WHAT IS CURRENT STATUS OF WELL? Pumping oil well

IF P&A, LIST PLUGGING DETAILS: _____

WELL DATA SHEET

OPERATOR: Santa Fe Exploration LEASE: E-K Queen Unit Tract 4

WELL NO.: 1 FOOTAGE: 1980' FNL & 660' FWL SECTION: 18-18S-34E E

TUBULAR DATA

SURFACE CASING

SIZE: 8-5/8" 24# CEMENTED WITH: Unknown SX.
TOC: Surface FEET DETERMINED BY: Circulation
HOLE SIZE: Unknown SETTING DEPTH: 1760'

INTERMEDIATE CASING

SIZE: None CEMENTED WITH: _____ SX.
TOC: _____ FEET DETERMINED BY: _____
HOLE SIZE: _____ SETTING DEPTH: _____

LONG STRING

SIZE: 5-1/2" 15.5# CEMENTED WITH: 100 SX.
TOC: 3800 (estimated) FEET DETERMINED BY: Calculation
HOLE SIZE: 7-7/8" SETTING DEPTH: 4373'
TOTAL DEPTH: 4413'

PRODUCING INTERVAL

FORMATION: Queen POOL OR FIELD: E-K Yates-Seven Rivers-Queen
SPUD DATE: 12/20/54 COMPLETION DATE: 2/13/55
PERFORATED: Open Hole 4373' FEET TO 4413 FEET

STIMULATION: None

OTHER PERFORATED ZONES: None

CURRENT STATUS

WHAT IS CURRENT STATUS OF WELL? Active water injection well

IF P&A, LIST PLUGGING DETAILS: _____

WELL DATA SHEET

OPERATOR: Santa Fe Exploration Co. LEASE: Amoco-State

WELL NO.: 1 FOOTAGE: 1980' FNL & 660' FEL SECTION: 18-18S-34E H

TUBULAR DATA

SURFACE CASING

SIZE: 13-3/8" 54.5# CEMENTED WITH: 425 SX.
TOC: Surface FEET DETERMINED BY: Circulation
HOLE SIZE: 17-1/2" SETTING DEPTH: 409'

INTERMEDIATE CASING

SIZE: 8-5/8" 32# CEMENTED WITH: 2700 SX.
TOC: Surface FEET DETERMINED BY: Circulation
HOLE SIZE: 12-1/4" SETTING DEPTH: 5249'

LONG STRING

SIZE: 5-1/2" 17# CEMENTED WITH: 1050 SX.
TOC: 5000 FEET DETERMINED BY: Temp. Survey
HOLE SIZE: 7-7/8" SETTING DEPTH: 14,000'

TOTAL DEPTH: 14,002'

PRODUCING INTERVAL

FORMATION: Bone Springs POOL OR FIELD: Mescalero Escarpe Bone Springs
SPUD DATED: 3/30/83 COMPLETION DATE: 10/9/84
PERFORATED: 8576 FEET TO 8588 FEET

STIMULATION: 200 gallons 15% NEFE, 2000 gallons 15% MSR with 800 STF nitrogen/lb.

OTHER PERFORATED ZONES: Morrow 13,446-13,686' acidized w/3600 gals; Wolfcamp 10,728-11,170' acidized w/8000 gals; Bone Springs 10,443-10,485' & 9682-9699' acidized w/11,000 gals & squeezed w/100 sxs; 8440-8470' & 8682-9036' acidized w/9500 gals. & squeezed w/200 sxs; Queen 4420-4450' acidized w/4000 gals.

CURRENT STATUS

WHAT IS CURRENT STATUS OF WELL? Temporarily abandoned

IF P&A, LIST PLUGGING DETAILS: _____

7/0

WELL DATA SHEET

OPERATOR: Santa Fe Exploration Inc. LEASE: Lee Ranch

WELL NO.: 1 FOOTAGE: 1650' FSL & 660' FEL SECTION: 18-18S-34E I

TUBULAR DATA

SURFACE CASING

SIZE: 8-5/8" 24# CEMENTED WITH: 700 SX.
TOC: Surface FEET DETERMINED BY: Circulation
HOLE SIZE: 12-1/4" SETTING DEPTH: 1693'

INTERMEDIATE CASING

SIZE: None CEMENTED WITH: _____ SX.
TOC: _____ FEET DETERMINED BY: _____
HOLE SIZE: _____ SETTING DEPTH: _____

LONG STRING

SIZE: None CEMENTED WITH: _____ SX.
TOC: _____ FEET DETERMINED BY: _____
HOLE SIZE: _____ SETTING DEPTH: _____

TOTAL DEPTH: 4850'

PRODUCING INTERVAL

FORMATION: None POOL OR FIELD: E-K Yates-Seven Rivers-Queen
SPUD DATED: 9/7/85 COMPLETION DATE: 9/17/85
PERFORATED: _____ FEET TO _____ FEET

STIMULATION: None

OTHER PERFORATED ZONES: None

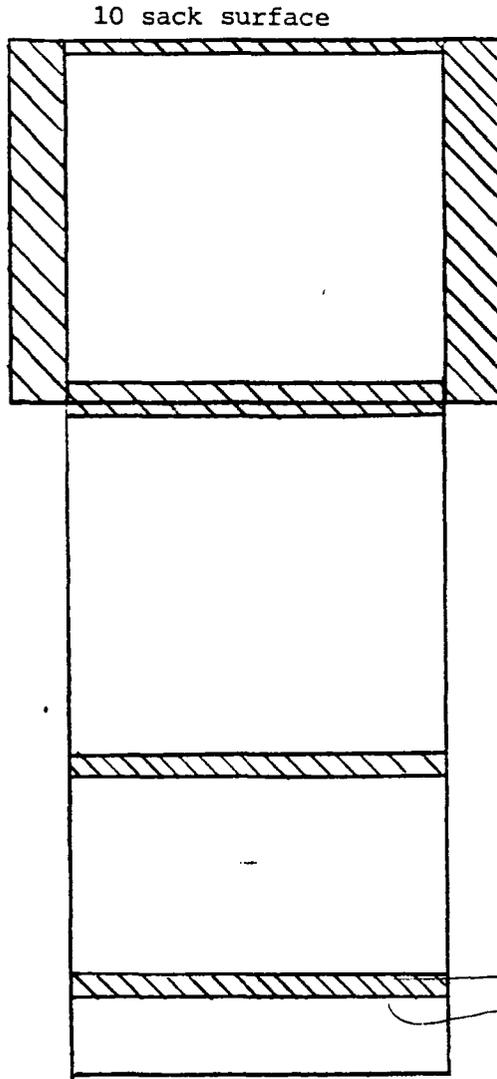
CURRENT STATUS

WHAT IS CURRENT STATUS OF WELL? P&A

IF P&A, LIST PLUGGING DETAILS: 40 sxs. 4400-4500', 40 sxs. 3400-3500',
40 sxs. 1643-1743', 10' sxs. surface plug.

SURFACE

500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
6000
6500
7000
7500
8000
8500



TD 4850'

 Cement

8-5/8" surface casing set at
1693' with cement circulated

40 sxs. 1643-1743'

40 sxs. 3400-3500'

40 sxs. 4400-4500'

WELL DATA SHEET

OPERATOR: Santa Fe Exploration Inc. LEASE: E-K Queen Unit Tract 9
WELL NO.: 1 FOOTAGE: 1980' FSL & 1980' FEL SECTION: 18-18S-34E J

TUBULAR DATA

SURFACE CASING

SIZE: 10-3/4" 32.75# CEMENTED WITH: 200 SX.
TOC: Surface FEET DETERMINED BY: Circulation
HOLE SIZE: 13-3/8" SETTING DEPTH: 375'

INTERMEDIATE CASING

SIZE: None CEMENTED WITH: _____ SX.
TOC: _____ FEET DETERMINED BY: _____
HOLE SIZE: _____ SETTING DEPTH: _____

LONG STRING

SIZE: 7" 23# CEMENTED WITH: 380 SX.
TOC: 3000 (estimated) FEET DETERMINED BY: Calculation
HOLE SIZE: 8-3/4" SETTING DEPTH: 4539'
TOTAL DEPTH: 4680'

PRODUCING INTERVAL

FORMATION: Queen POOL OR FIELD: E-K Yates-Seven Rivers-Queen
SPUD DATE: 6/24/55 COMPLETION DATE: 7/27/55
PERFORATED: 4472 FEET TO 4480 FEET

STIMULATION: 10,000 gallons oil and 10,000# sand

OTHER PERFORATED ZONES: None

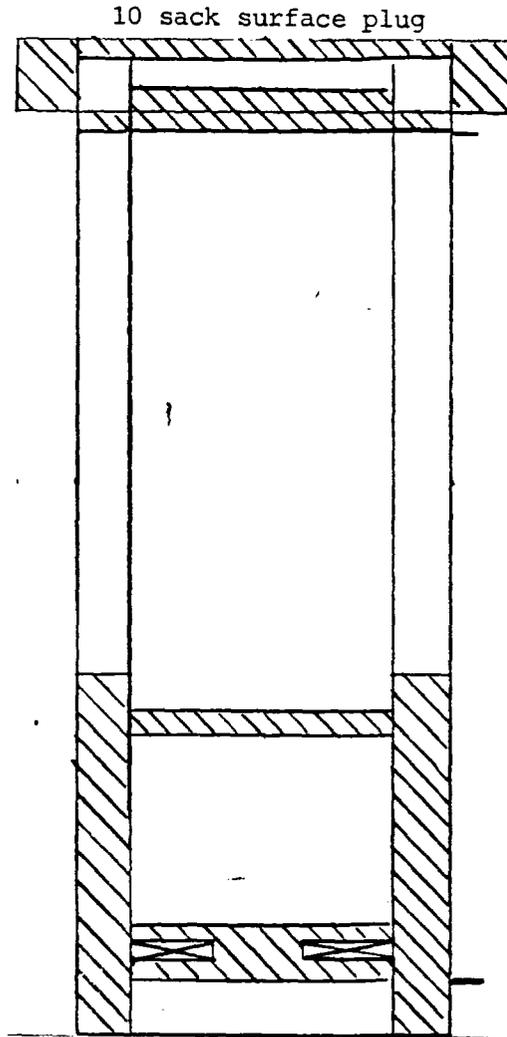
CURRENT STATUS

WHAT IS CURRENT STATUS OF WELL? P&A

IF P&A, LIST PLUGGING DETAILS: Cement retainer at 4380' & squeezed perms. w/70 sxs. cement below retainer & 6 sxs. above retainer w/TOC @ 4230', 20 sxs. 3200-3320', perf. 4 holes @ 425', cement w/425 sxs., top of cement at 329', 10 sxs. surface plug @ 60'.

SURFACE

500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
6000
6500
7000
7500
8000
8500



TD 4680'

 Cement

E-K Queen Unit Tract 9 #1
NW/4 SE/4 Sec. 18-18S-34E J
Lea County, New Mexico

10-3/4" surface casing set at 375'
with cement circulated

4 squeeze holes at 425', cemented
with 425 sxs. with top of cement
inside casing at 329'

Top of cement in annulus estimated
to be 3000'
20 sxs. 3200-3320'

Cement retainer at 4380' with
70 sxs. below retainer and 6 sxs.
above retainer. Tagged cement at
4230'.

Perforations 4472-4480'

7" production casing set at 4539'

WELL DATA SHEET

OPERATOR: Santa Fe Exploration Inc. LEASE: E-K Queen Unit Tract 3

WELL NO.: 2 FOOTAGE: 1980' FSL & 1980' FSL SECTION: 18-18S-34E K

TUBULAR DATA

SURFACE CASING

SIZE: 8-5/8" 24# CEMENTED WITH: 175 SX.
TOC: Surface FEET DETERMINED BY: Circulation
HOLE SIZE: Unknown SETTING DEPTH: 311

INTERMEDIATE CASING

SIZE: None CEMENTED WITH: _____ SX.
TOC: _____ FEET DETERMINED BY: _____
HOLE SIZE: _____ SETTING DEPTH: _____

LONG STRING

SIZE: 5-1/2" 14# CEMENTED WITH: 525 SX.
TOC: Unknown FEET DETERMINED BY: Unknown
HOLE SIZE: Unknown SETTING DEPTH: 4509

TOTAL DEPTH: 4510'

PRODUCING INTERVAL

FORMATION: Queen POOL OR FIELD: E-K Yates-Seven Rivers-Queen
SPUD DATE: 8/28/55 COMPLETION DATE: 9/23/55
PERFORATED: 4440 FEET TO 4480 FEET

STIMULATION: Unknown

OTHER PERFORATED ZONES: None

CURRENT STATUS

WHAT IS CURRENT STATUS OF WELL? Active water injection well

IF P&A, LIST PLUGGING DETAILS: _____

