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RELEASE 12-9-92

November 13, 1992

New Mexico Oil Conservation Commission  
P.O. Box 2088  
Santa Fe, New Mexico 87504-2088

Attention: Ben Stone

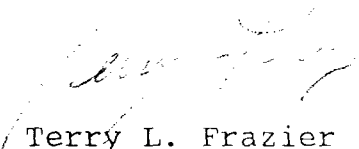
Re: Application for Expansion of Waterflood;  
Order R-3208  
Texaco Exploration and Production Inc.  
Skelly Penrose 'A' Unit, LM, 7R, Q, GB Formation  
T-22 & 23-S, R-37-E, Lea County, New Mexico

Gentlemen:

Texaco Exploration and Production Inc. respectfully requests administrative approval for the expansion of the Skelly Penrose 'A' Unit. The two wells designated in this application will be converted from existing production wells for the purpose of water injection. This work will help maintain reservoir pressure and recover additional oil reserves that would otherwise be left in place.

Texaco E&P Inc. respectfully requests that the Skelly Penrose 'A' Unit Waterflood Project covered by R-3208 be expanded to include the conversion of the two injection wells. Administration approval is requested so that the necessary operations can be advanced in a prudent manner. If you have any questions concerning the application, please contact Michael Alexander at (505) 397-0411.

Yours very truly,

  
Terry L. Frazier  
Hobbs Area Manager

TLF:mca

attachments

AOR=25 P#A=4

APPLICATION FOR AUTHORIZATION TO INJECT

I. Purpose: ☒ Secondary Recovery ☐ Pressure Maintenance ☐ Disposal ☐ Storage  
Application qualifies for administrative approval? ☒ yes ☐ no

II. Operator: Texaco Exploration & Production Inc.

Address: P.O. Box 730 , Hobbs , New Mexico 88240

Contact party: Terry Frazier , Area Manager Phone: (505) 397 - 0421

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 R-3208 ; March 17, 1967

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 on the well. (If well logs have been filed with the Division they need not be resubmitted.)

\* XI. Attach a chemical analysis of fresh water from two or more fresh water wells (if available and producing) within one mile of any injection or disposal well showing location of wells and dates samples were taken.

XII. Applicants for disposal wells must make an affirmative statement that they have examined available geologic and engineering data and find no evidence of open faults or any other hydrologic connection between the disposal zone and any underground source of drinking water.

XIII. Applicants must complete the "Proof of Notice" section on the reverse side of this form.

XIV. Certification

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

Name: Terry Frazier Title Area Manager

Signature: *Terry Frazier* Date: 11/12/92

\* 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. R-3208 ; March 17, 1967

## NEW MEXICO OIL CONSERVATION DIVISION - Form C-108 , Cont'd

## III. INJECTION WELL DATA

Skelly Penrose 'A' Unit : Langlie Mattix, Seven Rivers, Queen, Grayburg

- # 63 - Unit Letter M, 1310' FSL & 1310' FWL, Section 3, T23S, R37E
- # 68 - Unit Letter H, 95' FSL & 2524' FWL, Section 3, T23S, R37E

All pertinent data for each of the above proposed injection wells is included on the well schematic sheets in this application.

## V. SUBJECT AREA MAPS

A map of the subject area, Skelly Penrose 'A' Unit, including all wells within a 2 mile radius is attached. Also attached is a map showing each of the subject well's 1/2 mile radius circle or area of review.

## VI. AREA OF REVIEW

The current Skelly Penrose 'A' Unit waterflood was developed under NMOCD Order R-3208 dated March 17, 1967. Since completion of the original hearing, five new wells has been completed to the subject horizon within the subject area of review. The wells are Skelly Penrose 'A' Unit No's 63, 64, 66, 67, and 68.

The five wells mentioned above were all drilled within the subject area to further develop the remaining reserves within the Skelly Penrose 'A' Unit. These wells were drilled to increase ultimate recovery by down sizing the current 80-acre five spot patterns to 40-acre five spot patterns. The intent of this application is to seek administrative approval to continue the pattern modifications to enhance the recovery of additional reserves from the Penrose Interval. All pertinent well data for the area of review, not previously submitted, is attached to this application.

To date the following wells within the Skelly Penrose 'A' Unit have been plugged and abandoned :

T-22-S, R-37-E

Section 33 : SPAU well(s) : None  
Section 34 : SPAU well(s) : 12

## **VI. AREA OF REVIEW (continued)**

### T-23-S, R-37-E

Section 3 : SPAU well(s) : 13, 14, (H.O. Sims D #2),  
(E. Sims #6), 67, (R.R. Sims C #1-A)  
Section 4 : SPAU well(s) : 18, 19  
Section 9 : SPAU well(s) : None  
Section 10 : SPAU well(s) : None

The Skelly Penrose 'A' Unit - Langlie Mattix, Seven Rivers, Queen Grayburg Area, was created prior to the current format for authorization to inject were created. Therefore, a schematic of all wells of public record that penetrate the subject interval have been constructed for the area of review and are included in this application in the appendix.

## **VII. PROPOSED OPERATION**

The proposed average injection rate per well is 500 BWIPD with a maximum anticipated rate of 800 BWIPD. Maximum pressure will not exceed 1500 psi plant operating pressure. The average wellhead injection pressure will not exceed 800 psi until a step rate test establishes a higher limit. The system will be closed.

## **IX. PROPOSED STIMULATION PROGRAM**

The subject wells will be stimulated using 3000 to 10,000 gallons of 20% NEFE HCl acid. Rock salt blocks or ball sealers will be utilized during the jobs.

## **XII. GEOLOGICAL EVALUATION**

Based on current geological and engineering data and a petrophysical rock-properties evaluation, there is no evidence of any natural or artificially created open faults within the unitized interval or above. There is no communication between the subject injection zone and any subsurface source of drinking water.

**AFFIDAVIT OF PUBLICATION**

State of New Mexico,  
County of Lea.

I, Kathi Bearden

of the Hobbs Daily News-Sun, a  
daily newspaper published at  
Hobbs, New Mexico, do solemnly  
swear that the clipping attached  
hereto was published once a week  
in the regular and entire issue of  
said paper, and not a supplement  
thereof for a period

of \_\_\_\_\_

one weeks.  
Beginning with the issue dated

Nov. 2, 1992  
and ending with the issue dated

Nov. 2, 1992

Kathi Bearden  
General Manager

Sworn and subscribed to before

me this 10<sup>th</sup> day of

November, 1992

Peggy D. Smith  
Notary Public.

My Commission expires \_\_\_\_\_

7-6, 1994  
(Seal)

This newspaper is duly qualified to  
publish legal notices or adver-  
tisements within the meaning of  
Section 3, Chapter 167, Laws of  
1937, and payment of fees for said  
publication has been made.

**LEGAL NOTICE**

**November 2, 1992**

Notice is hereby given of the application of Texaco Exploration & Production Inc., Attention: Terry L. Frazier, Area Manager, P.O. Box 730, Hobbs, New Mexico, 88240, Telephone (505) 393-7191, to the New Mexico Oil Conservation Commission, Energy and Minerals Department, for approval of the following wells to be converted to water injection for the purpose of secondary oil recovery.

Lease/Unit Name; Skelly Penrose "A" Unit  
Well Number(s) and Location(s):

63 - Unit Letter M, 1310'FSL & 1310'FWL, Section 03, T23S, R37E

68 - Unit Letter N, 95'FSL & 2524'FWL, Section 03, T23S, R37E

The injection formation is Langlie Mattix, Seven Rivers, Queen Grayburg at a depth of 3625 feet below the surface of the ground. Expected maximum injection rate is 750 barrels per day, and expected maximum injection pressure is 1000 pounds per square inch. Interested parties must file objections or requests for hearing with the Oil Conservation Division, P.O. Box 2088, Santa Fe, New Mexico, 87501, within fifteen (15) days of this publication.

P 369 424 425

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Hobbs, NM 88240

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| Return Receipt Showing<br>to Whom & Date Delivered               |        |
| Return Receipt Showing to Whom,<br>Date, and Addressee's Address |        |
| TOTAL Postage<br>& Fees                                          | \$2.15 |
| Postmark or Date                                                 |        |

PS Form 3800, June 1991

P 369 424 415

**Receipt for  
Certified Mail**

No Insurance Coverage Provided

Ann Harris  
101 Cadiz Ave.  
El Paso, TX 79901

|                                                                  |        |
|------------------------------------------------------------------|--------|
| Postage                                                          | \$     |
| Certified Fee                                                    |        |
| Special Delivery Fee                                             |        |
| Restricted Delivery Fee                                          |        |
| Return Receipt Showing<br>to Whom & Date Delivered               |        |
| Return Receipt Showing to Whom,<br>Date, and Addressee's Address |        |
| TOTAL Postage<br>& Fees                                          | \$2.75 |
| Postmark or Date                                                 |        |

PS Form 3800, June 1991

P 369 424 446

**Receipt for  
Certified Mail**

No Insurance Coverage Provided

Leila McConnell Gadbois  
2525 Stanmore Drive  
Houston, TX 77019

|                                                                  |        |
|------------------------------------------------------------------|--------|
| Postage                                                          | \$     |
| Certified Fee                                                    |        |
| Special Delivery Fee                                             |        |
| Restricted Delivery Fee                                          |        |
| Return Receipt Showing<br>to Whom & Date Delivered               |        |
| Return Receipt Showing to Whom,<br>Date, and Addressee's Address |        |
| TOTAL Postage<br>& Fees                                          | \$2.75 |
| Postmark or Date                                                 |        |

PS Form 3800, June 1991

P 369 424 445

**Receipt for  
Certified Mail**

No Insurance Coverage Provided

Deborah and Audrey  
Scarborough, Trustees  
P.O. Box 911  
Merced, CA 95341

|                                                                  |        |
|------------------------------------------------------------------|--------|
| Postage                                                          | \$     |
| Certified Fee                                                    |        |
| Special Delivery Fee                                             |        |
| Restricted Delivery Fee                                          |        |
| Return Receipt Showing<br>to Whom & Date Delivered               |        |
| Return Receipt Showing to Whom,<br>Date, and Addressee's Address |        |
| TOTAL Postage<br>& Fees                                          | \$2.75 |
| Postmark or Date                                                 |        |

PS Form 3800, June 1991

P 369 424 421

**Receipt for  
Certified Mail**

No Insurance Coverage Provided

J. Winston Smith/Mary  
Winston Randolph Smith  
Trustee  
3201 N. Duke  
Durham, NC 27704

|                                                               |        |
|---------------------------------------------------------------|--------|
| Postage                                                       | \$     |
| Certified Fee                                                 |        |
| Special Delivery Fee                                          |        |
| Restricted Delivery Fee                                       |        |
| Return Receipt Showing to Whom & Date Delivered               |        |
| Return Receipt Showing to Whom, Date, and Addressee's Address |        |
| TOTAL Postage & Fees                                          | \$2.75 |
| Postmark or Date                                              |        |

P 369 424 440

**Receipt for  
Certified Mail**

No Insurance Coverage Provided

Normarth Corporation  
141-21 78 Road  
Flushing, NY 11367

|                                                               |        |
|---------------------------------------------------------------|--------|
| Postage                                                       | \$     |
| Certified Fee                                                 |        |
| Special Delivery Fee                                          |        |
| Restricted Delivery Fee                                       |        |
| Return Receipt Showing to Whom & Date Delivered               |        |
| Return Receipt Showing to Whom, Date, and Addressee's Address |        |
| TOTAL Postage & Fees                                          | \$2.75 |
| Postmark or Date                                              |        |

P 369 424 417

**Receipt for  
Certified Mail**

No Insurance Coverage Provided

Max R. Chudy  
930 Baily Avenue  
Buffalo, NY 14206

|                                                               |        |
|---------------------------------------------------------------|--------|
| Postage                                                       | \$     |
| Certified Fee                                                 |        |
| Special Delivery Fee                                          |        |
| Restricted Delivery Fee                                       |        |
| Return Receipt Showing to Whom & Date Delivered               |        |
| Return Receipt Showing to Whom, Date, and Addressee's Address |        |
| TOTAL Postage & Fees                                          | \$2.75 |
| Postmark or Date                                              |        |

P 369 424 420

**Receipt for  
Certified Mail**

No Insurance Coverage Provided

Martha Brady  
5220 West Barry Av.  
Chicago, IL 60604

|                                                               |        |
|---------------------------------------------------------------|--------|
| Postage                                                       | \$     |
| Certified Fee                                                 |        |
| Special Delivery Fee                                          |        |
| Restricted Delivery Fee                                       |        |
| Return Receipt Showing to Whom & Date Delivered               |        |
| Return Receipt Showing to Whom, Date, and Addressee's Address |        |
| TOTAL Postage & Fees                                          | \$2.75 |
| Postmark or Date                                              |        |

P 369 424 419

**Receipt for  
Certified Mail**

No Insurance Coverage Provided

Flora G. Sarkisian, Ind.  
Exec. Dickran Sarkisian Est  
35 W. 44th Street  
New York, NY 10036

|                                                               |        |
|---------------------------------------------------------------|--------|
| Postage                                                       | \$     |
| Certified Fee                                                 |        |
| Special Delivery Fee                                          |        |
| Restricted Delivery Fee                                       |        |
| Return Receipt Showing to Whom & Date Delivered               |        |
| Return Receipt Showing to Whom, Date, and Addressee's Address |        |
| TOTAL Postage & Fees                                          | \$2.75 |
| Postmark or Date                                              |        |

P 369 424 422

**Receipt for  
Certified Mail**

No Insurance Coverage Provided

Phyllis Z. Bernard  
8420 E. San Benito Dr.  
Scottsdale, Arizona 85258

|                                                               |        |
|---------------------------------------------------------------|--------|
| Postage                                                       | \$     |
| Certified Fee                                                 |        |
| Special Delivery Fee                                          |        |
| Restricted Delivery Fee                                       |        |
| Return Receipt Showing to Whom & Date Delivered               |        |
| Return Receipt Showing to Whom, Date, and Addressee's Address |        |
| TOTAL Postage & Fees                                          | \$2.75 |
| Postmark or Date                                              |        |

P 369 424 437

**Receipt for  
Certified Mail**

No Insurance Coverage Provided

Richard Harry Evans  
Trustee, 1976 Evans Trust  
P. O. Box 642  
Moorhead, Minnesota 55391

PS Form 3800, June 1991

|                                                               |        |
|---------------------------------------------------------------|--------|
| Postage                                                       | \$     |
| Certified Fee                                                 |        |
| Special Delivery Fee                                          |        |
| Restricted Delivery Fee                                       |        |
| Return Receipt Showing to Whom & Date Delivered               |        |
| Return Receipt Showing to Whom, Date, and Addressee's Address |        |
| TOTAL Postage & Fees                                          | \$2.75 |
| Postmark or Date                                              |        |

P 369 424 436

**Receipt for  
Certified Mail**

No Insurance Coverage Provided

Judith F. Myles  
50 North Bergen St.  
Freeport, NY 11520

PS Form 3800, June 1991

|                                                               |        |
|---------------------------------------------------------------|--------|
| Postage                                                       | \$     |
| Certified Fee                                                 |        |
| Special Delivery Fee                                          |        |
| Restricted Delivery Fee                                       |        |
| Return Receipt Showing to Whom & Date Delivered               |        |
| Return Receipt Showing to Whom, Date, and Addressee's Address |        |
| TOTAL Postage & Fees                                          | \$2.75 |
| Postmark or Date                                              |        |

P 369 424 456

**Receipt for  
Certified Mail**

No Insurance Coverage Provided

Mary Jon Bryan  
1221 Lamar, Suite 1600  
Houston, TX 77010

PS Form 3800, June 1991

|                                                               |        |
|---------------------------------------------------------------|--------|
| Postage                                                       | \$     |
| Certified Fee                                                 |        |
| Special Delivery Fee                                          |        |
| Restricted Delivery Fee                                       |        |
| Return Receipt Showing to Whom & Date Delivered               |        |
| Return Receipt Showing to Whom, Date, and Addressee's Address |        |
| TOTAL Postage & Fees                                          | \$4.75 |
| Postmark or Date                                              |        |

P 369 424 452

**Receipt for  
Certified Mail**

No Insurance Coverage Provided

ryan G. Collier  
08 Casas Bellas Lane  
Santa Teresa, NM 88008

|                                                               |        |
|---------------------------------------------------------------|--------|
| Postage                                                       | \$     |
| Certified Fee                                                 |        |
| Special Delivery Fee                                          |        |
| Restricted Delivery Fee                                       |        |
| Return Receipt Showing to Whom & Date Delivered               |        |
| Return Receipt Showing to Whom, Date, and Addressee's Address |        |
| TOTAL Postage & Fees                                          | \$2.75 |
| Postmark or Date                                              |        |

P 369 424 453

**Receipt for  
Certified Mail**

No Insurance Coverage Provided

Norma Sanders/Carl J.  
P. O. Box 192  
Wolfeboro, NH 03894

PS Form 3800, June 1991

|                                                               |        |
|---------------------------------------------------------------|--------|
| Postage                                                       | \$     |
| Certified Fee                                                 |        |
| Special Delivery Fee                                          |        |
| Restricted Delivery Fee                                       |        |
| Return Receipt Showing to Whom & Date Delivered               |        |
| Return Receipt Showing to Whom, Date, and Addressee's Address |        |
| TOTAL Postage & Fees                                          | \$2.75 |
| Postmark or Date                                              |        |

P 369 424 454

**Receipt for  
Certified Mail**

No Insurance Coverage Provided

John & Rita Corvino  
Joint tenants  
2550 Kensington  
Westchester, IL 60153

PS Form 3800, June 1991

|                                                               |        |
|---------------------------------------------------------------|--------|
| Postage                                                       | \$     |
| Certified Fee                                                 |        |
| Special Delivery Fee                                          |        |
| Restricted Delivery Fee                                       |        |
| Return Receipt Showing to Whom & Date Delivered               |        |
| Return Receipt Showing to Whom, Date, and Addressee's Address |        |
| TOTAL Postage & Fees                                          | \$2.75 |
| Postmark or Date                                              |        |

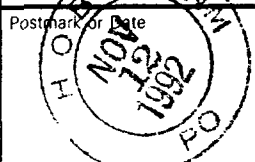
P 369 424 439

**Receipt for  
Certified Mail**

No Insurance Coverage Provided

Charles T. Gallaher II  
P. O. Box 9263  
Richmond, VA 23227

|                                                               |        |
|---------------------------------------------------------------|--------|
| Postage                                                       | \$     |
| Certified Fee                                                 |        |
| Special Delivery Fee                                          |        |
| Restricted Delivery Fee                                       |        |
| Return Receipt Showing to Whom & Date Delivered               |        |
| Return Receipt Showing to Whom, Date, and Addressee's Address |        |
| TOTAL Postage & Fees                                          | \$2.75 |



PS Form 3800, June 1991

P 369 424 423

**Receipt for  
Certified Mail**

No Insurance Coverage Provided

Victor Gidwitz  
208 S. LaSalle St.  
Suite 2076  
Chicago, IL 60604

|                                                               |        |
|---------------------------------------------------------------|--------|
| Postage                                                       | \$     |
| Certified Fee                                                 |        |
| Special Delivery Fee                                          |        |
| Restricted Delivery Fee                                       |        |
| Return Receipt Showing to Whom & Date Delivered               |        |
| Return Receipt Showing to Whom, Date, and Addressee's Address |        |
| TOTAL Postage & Fees                                          | \$2.75 |

Postmark or Date

PS Form 3800, June 1991

P 369 424 424

**Receipt for  
Certified Mail**

No Insurance Coverage Provided

William S. Scarborough  
Individually & Trustee  
P.O. 911  
Merced, CA 95340

|                                                               |        |
|---------------------------------------------------------------|--------|
| Postage                                                       | \$     |
| Certified Fee                                                 |        |
| Special Delivery Fee                                          |        |
| Restricted Delivery Fee                                       |        |
| Return Receipt Showing to Whom & Date Delivered               |        |
| Return Receipt Showing to Whom, Date, and Addressee's Address |        |
| TOTAL Postage & Fees                                          | \$2.75 |

Postmark or Date

PS Form 3800, June 1991

P 369 424 409

**Receipt for  
Certified Mail**

No Insurance Coverage Provided

Joseph W. Gallaher II  
P. O. Box 4029  
Kahului, Hawaii 96732

|                                                               |        |
|---------------------------------------------------------------|--------|
| Postage                                                       | \$     |
| Certified Fee                                                 |        |
| Special Delivery Fee                                          |        |
| Restricted Delivery Fee                                       |        |
| Return Receipt Showing to Whom & Date Delivered               |        |
| Return Receipt Showing to Whom, Date, and Addressee's Address |        |
| TOTAL Postage & Fees                                          | \$2.75 |

Postmark or Date



P 369 424 410

**Receipt for  
Certified Mail**

No Insurance Coverage Provided

W.F. Scarborough  
2104 S. Bear Creek Dr.  
Merced, CA 95340

|                                                               |        |
|---------------------------------------------------------------|--------|
| Postage                                                       | \$     |
| Certified Fee                                                 |        |
| Special Delivery Fee                                          |        |
| Restricted Delivery Fee                                       |        |
| Return Receipt Showing to Whom & Date Delivered               |        |
| Return Receipt Showing to Whom, Date, and Addressee's Address |        |
| TOTAL Postage & Fees                                          | \$2.75 |

Postmark or Date

PS Form 3800, June 1991

P 369 424 438

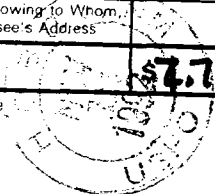
**Receipt for  
Certified Mail**

No Insurance Coverage Provided

Vera Scarborough  
212 W. Gettysburg  
Clovis, CA 93612

|                                                               |        |
|---------------------------------------------------------------|--------|
| Postage                                                       | \$     |
| Certified Fee                                                 |        |
| Special Delivery Fee                                          |        |
| Restricted Delivery Fee                                       |        |
| Return Receipt Showing to Whom & Date Delivered               |        |
| Return Receipt Showing to Whom, Date, and Addressee's Address |        |
| TOTAL Postage & Fees                                          | \$2.75 |

Postmark or Date



PS Form 3800, June 1991

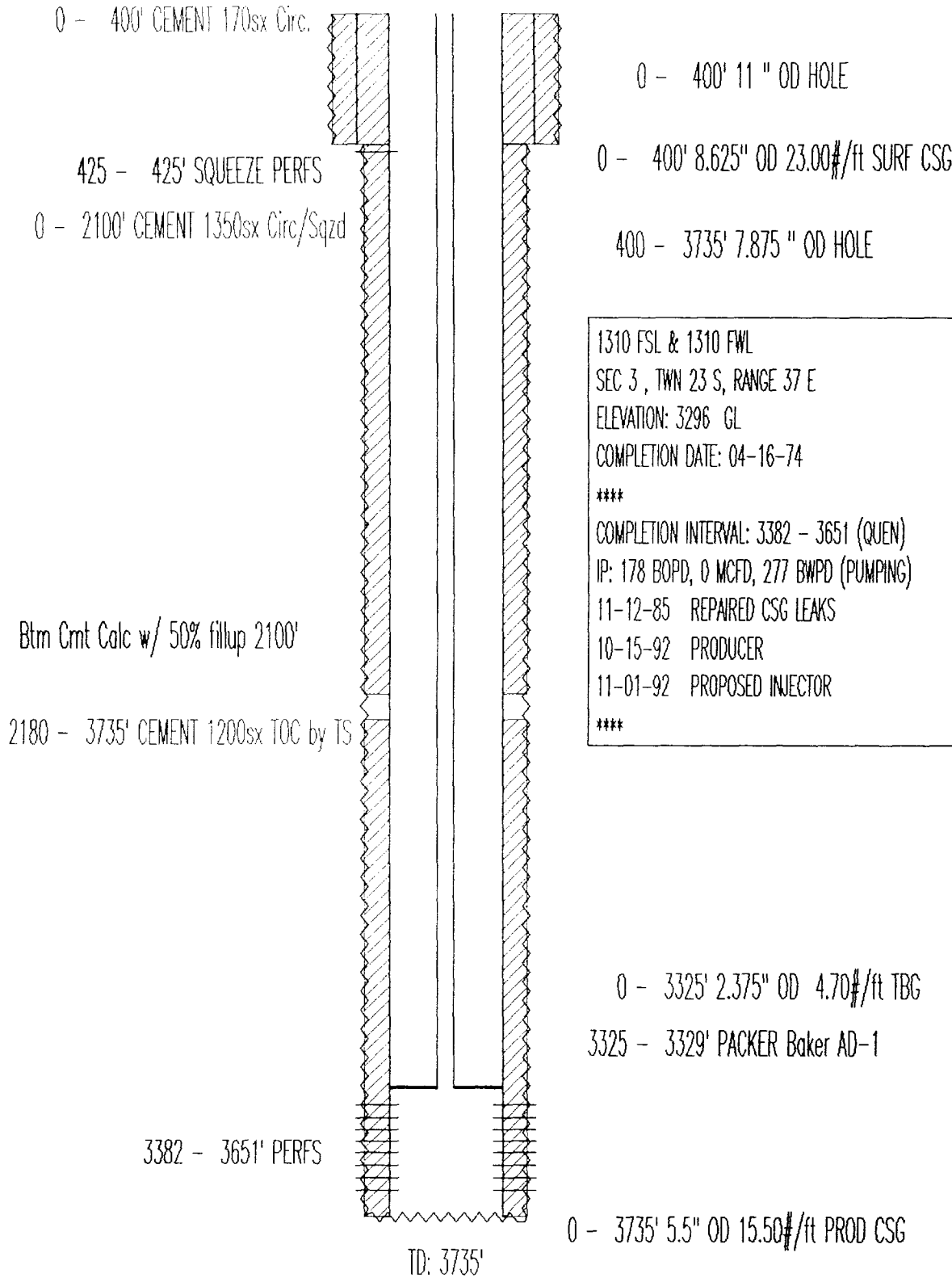
## **APPENDIX**

- A. SCHEMATICS OF SUBJECT WELLS
- B. MAPS OF SUBJECT AREA
- C. TABULATION OF WELLS IN AREA OF REVIEW
  - SCHEMATICS OF ALL WELLS IN AREA OF REVIEW

**A. SCHEMATICS OF SUBJECT WELLS**

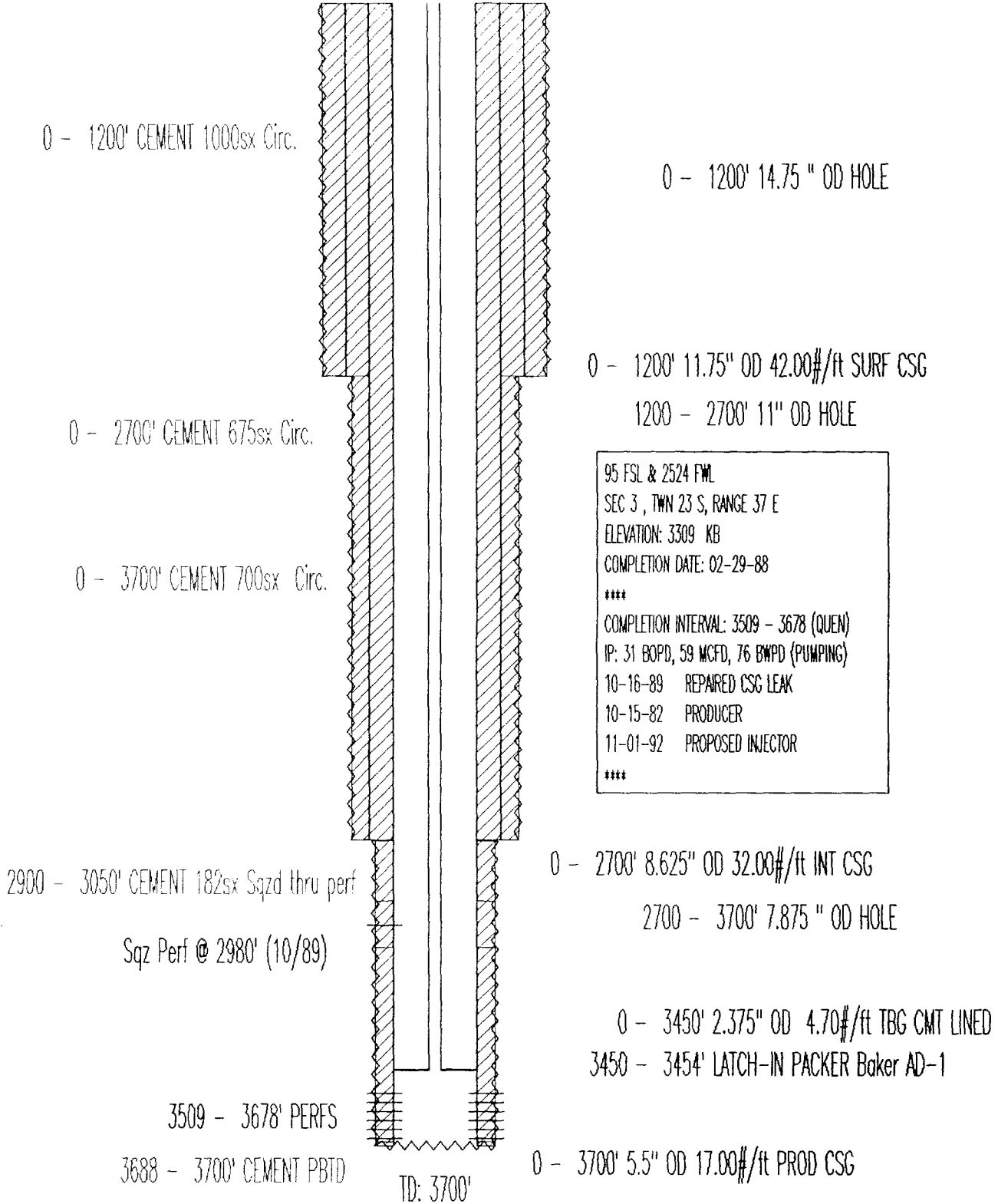
III. WELL DATA  
PROPOSED INJECTOR

TEXACO EXPL & PROD  
SKELLY PENROSE 'A' UNIT # 63  
API# 3002524685



III. WELL DATA  
PROPOSED INJECTOR

TEXACO EXPL & PROD  
SKELLY-PENROSE 'A' # 68  
API# 3002530167

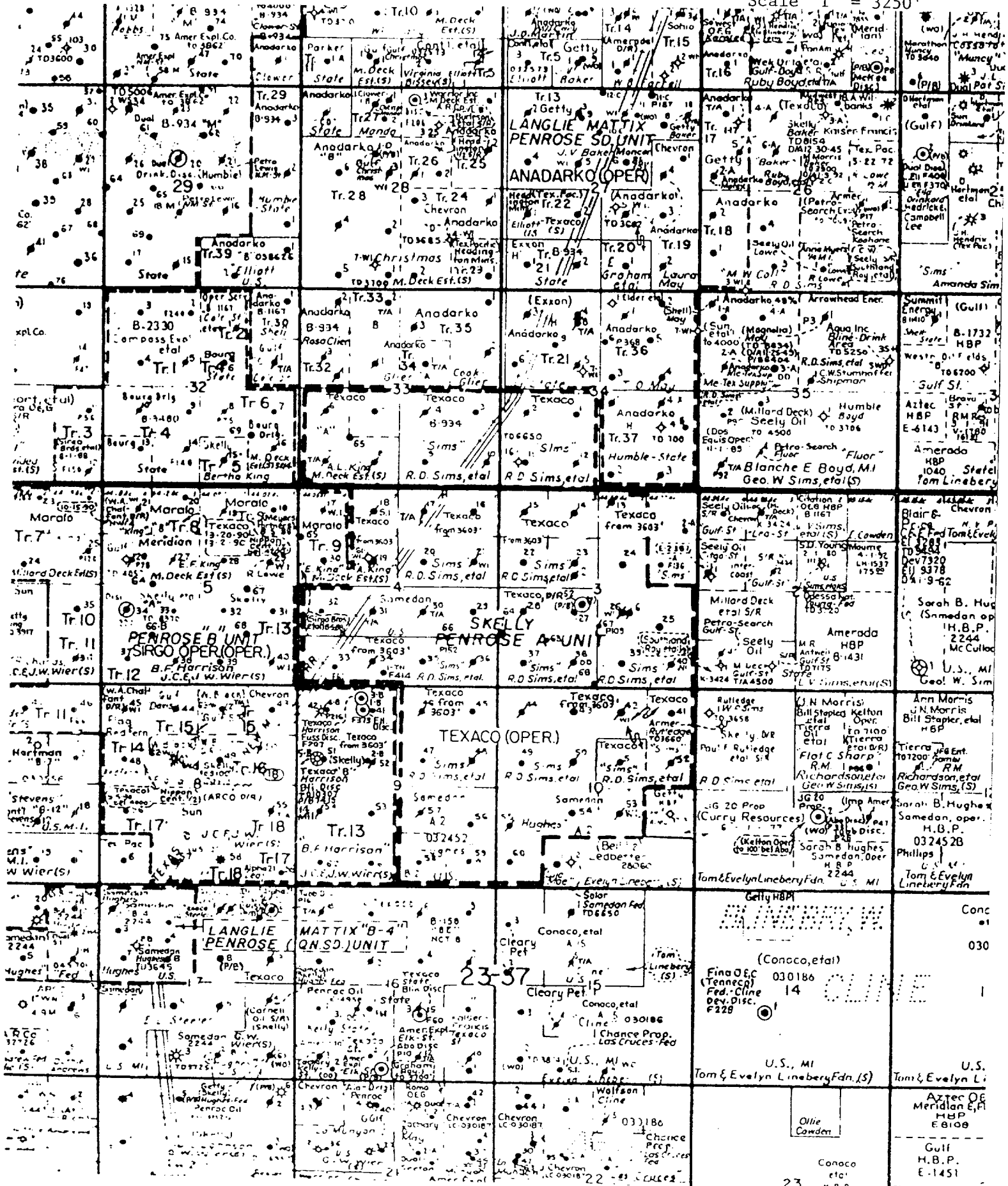


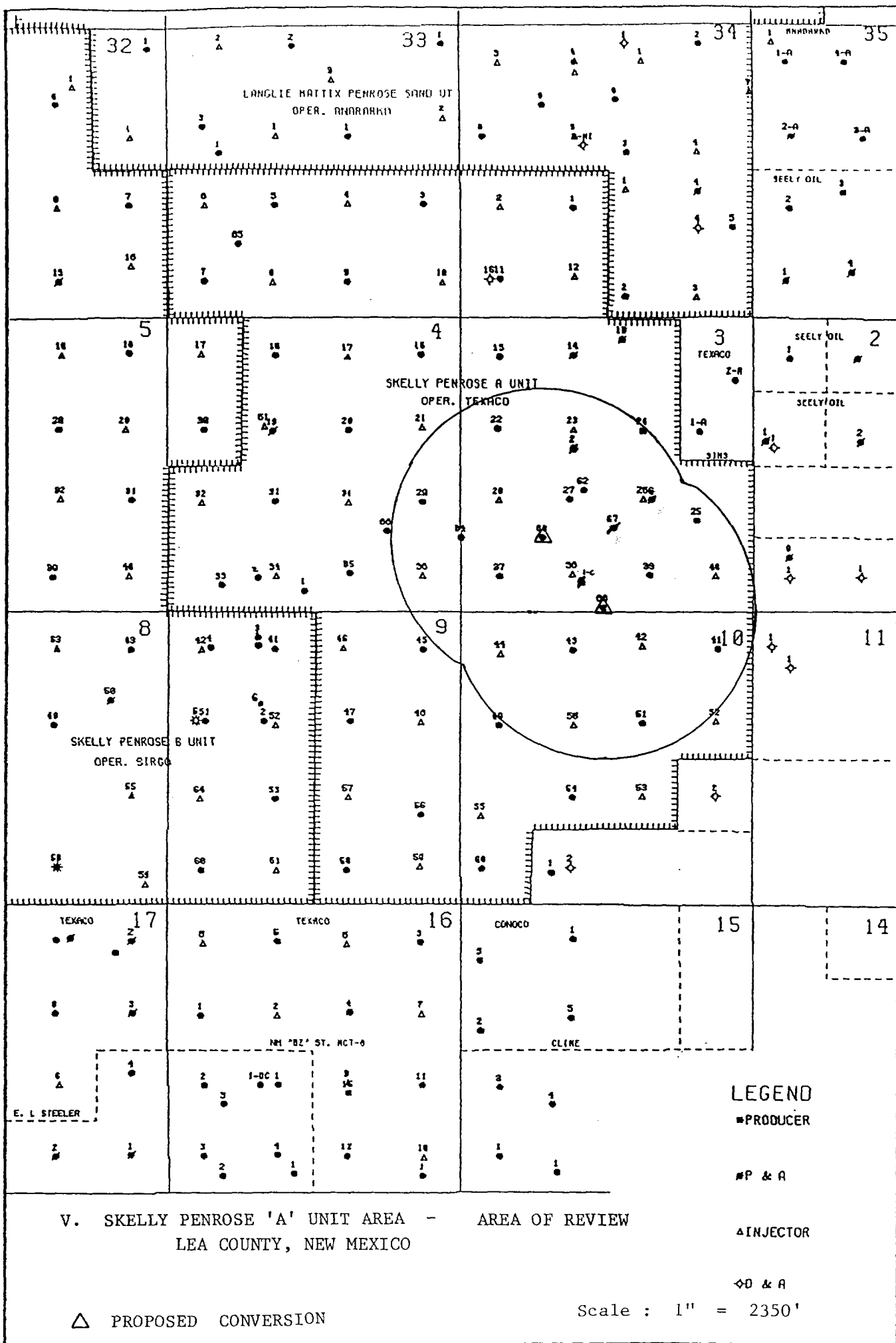
**B. MAPS OF SUBJECT AREA**

SKELLY PENROSE 'A' UNIT  
(LANGLIE MATTIX, 7R, QUEEN, GRAYBURG)

V. Skelly Penrose 'A' Unit Area

Scale 1" = 3250'





**C.      TABULATION OF WELLS IN AREA OF REVIEW**

**– SCHEMATICS OF WELLS**

# VI. SKELLY PENROSE 'A' UNIT – Tabulation of data

## SKELLY PENROSE 'A' UNIT LEA COUNTY , NEW MEXICO

T-23-S , R-37-E

### SECTION 3

| <u>UNIT LETTER</u> | <u>WELL NAME &amp; NO.</u> | <u>API #</u> | <u>STATUS</u> | <u>WELLBORE<br/>DIAGRAM</u> |
|--------------------|----------------------------|--------------|---------------|-----------------------------|
| A                  | Ellen Sims 'A' # 2         | 30-025-24589 | Producer      | N/A                         |
| B                  | Skelly Penrose 'A' # 13    | 30-025-10601 | P&A           | N/A                         |
| C                  | Skelly Penrose 'A' # 14    | 30-025-10606 | Producer      | N/A                         |
| D                  | Skelly Penrose 'A' # 15    | 30-025-10605 | Producer      | N/A                         |
| E                  | Skelly Penrose 'A' # 22    | 30-025-10603 | Producer      | Included                    |
| F                  | Skelly Penrose 'A' # 23    | 30-025-10611 | Producer      | Included                    |
| F                  | H. O. Sims 'D' # 2         | 30-025-10612 | P&A           | Included                    |
| G                  | Skelly Penrose 'A' # 24    | 30-025-10598 | Producer      | Included                    |
| H                  | Ellen Sims 'A' # 1         | 30-025-24469 | Producer      | N/A                         |
| I                  | Skelly Penrose 'A' # 25    | 30-025-10600 | Producer      | Included                    |
| J                  | Skelly Penrose 'A' # 26    | 30-025-10597 | Injector      | Included                    |
| J                  | E. Sims # 6                | 30-025-10602 | P&A           | Included                    |
| J                  | Skelly Penrose 'A' # 67    | 30-025-28948 | P&A           | Included                    |
| K                  | Skelly Penrose 'A' # 62    | 30-025-10610 | Producer      | Included                    |
| K                  | Skelly Penrose 'A' # 27    | 30-025-10607 | Producer      | Included                    |
| K                  | Skelly Penrose 'A' # 63    | 30-025-24685 | Producer      | Included                    |
| L                  | Skelly Penrose 'A' # 28    | 30-025-10608 | Injector      | Included                    |
| L                  | Skelly Penrose 'A' # 64    | 30-025-10773 | Producer      | Included                    |
| M                  | Skelly Penrose 'A' # 37    | 30-025-10609 | Producer      | Included                    |
| N                  | Skelly Penrose 'A' # 38    | 30-025-10595 | Injector      | Included                    |
| N                  | R.R. Sims 'C' # 1-A        | 30-025-10596 | P&A           | Included                    |
| N                  | Skelly Penrose 'A' # 68    | 30-025-30167 | Producer      | Included                    |
| O                  | Skelly Penrose 'A' # 39    | 30-025-10604 | Producer      | Included                    |
| P                  | Skelly Penrose 'A' # 40    | 30-025-10599 | Injector      | Included                    |

T-23-S , R-37-E

### SECTION 4

| <u>UNIT LETTER</u> | <u>WELL NAME &amp; NO.</u> | <u>API #</u> | <u>STATUS</u> | <u>WELLBORE<br/>DIAGRAM</u> |
|--------------------|----------------------------|--------------|---------------|-----------------------------|
| A                  | Skelly Penrose 'A' # 16    | 30-025-10625 | Producer      | N/A                         |
| B                  | Skelly Penrose 'A' # 17    | 30-025-10624 | Injector      | N/A                         |
| C                  | Skelly Penrose 'A' # 18    | 30-025-10613 | P&A           | N/A                         |
| D                  | Skelly Penrose 'B' # 17    | 30-025-10627 | Injector      | N/A                         |
| E                  | Skelly Penrose 'B' # 30    | 30-025-10626 | Producer      | N/A                         |

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**SECTION 4**

| <u>UNIT LETTER</u> | <u>WELL NAME &amp; NO.</u> | <u>API #</u> | <u>STATUS</u> | <u>WELLBORE<br/>DIAGRAM</u> |
|--------------------|----------------------------|--------------|---------------|-----------------------------|
| F                  | Skelly Penrose 'A' # 61    | 30-025-23082 | Injector      | N/A                         |
| F                  | Skelly Penrose 'A' # 19    | 30-025-10617 | P&A           | N/A                         |
| G                  | Skelly Penrose 'A' # 20    | 30-025-10618 | Producer      | N/A                         |
| H                  | Skelly Penrose 'A' # 21    | 30-025-10619 | Injector      | Included                    |
| I                  | Skelly Penrose 'A' # 29    | 30-025-10615 | Producer      | Included                    |
| I                  | Skelly Penrose 'A' # 66    | 30-025-24820 | Producer      | Included                    |
| J                  | Skelly Penrose 'A' # 30    | 30-025-10614 | Injector      | N/A                         |
| K                  | Skelly Penrose 'A' # 31    | 30-025-10628 | Producer      | N/A                         |
| L                  | Skelly Penrose 'A' # 32    | 30-025-10616 | Injector      | N/A                         |
| M                  | Skelly Penrose 'A' # 33    | 30-025-10623 | Producer      | N/A                         |
| N                  | R.R. Sims 'TN' # 2         | 30-025-31538 | Producer      | N/A                         |
| N                  | Skelly Penrose 'A' # 34    | 30-025-10622 | Injector      | N/A                         |
| N                  | R.R. Sims 'TN' # 1         | 30-025-30483 | Producer      | N/A                         |
| O                  | Skelly Penrose 'A' # 35    | 30-025-10621 | Producer      | N/A                         |
| P                  | Skelly Penrose 'A' # 36    | 30-025-10620 | Injector      | Included                    |

T-23-S , R-37-E

**SECTION 9**

| <u>UNIT LETTER</u> | <u>WELL NAME &amp; NO.</u> | <u>API #</u> | <u>STATUS</u> | <u>WELLBORE<br/>DIAGRAM</u> |
|--------------------|----------------------------|--------------|---------------|-----------------------------|
| A                  | Skelly Penrose 'A' # 45    | 30-025-10691 | Producer      | Included                    |
| B                  | Skelly Penrose 'A' # 46    | 30-025-10692 | Injector      | N/A                         |
| C                  | Skelly Penrose 'B' # 41    | 30-025-10684 | Producer      | N/A                         |
| C                  | B.F. Harrison 'B' TN # 1   | 30-025-30200 | Producer      | N/A                         |
| C                  | B.F. Harrison 'B' # 3      | 30-025-31199 | Producer      | N/A                         |
| D                  | B.F. Harrison 'B' # 4      | 30-025-31200 | Producer      | N/A                         |
| D                  | Skelly Penrose 'B' # 42    | 30-025-10685 | Injector      | N/A                         |
| E                  | Skelly Penrose 'B' # 51    | 30-025-10683 | Producer      | N/A                         |
| E                  | B.F. Harrison 'B' # 5      | 30-025-31201 | Producer      | N/A                         |
| F                  | B.F. Harrison 'B' # 6      | 30-025-31539 | Producer      | N/A                         |
| F                  | B.F. Harrison 'B' TN # 2   | 30-025-30568 | Producer      | N/A                         |
| F                  | Skelly Penrose 'B' # 52    | 30-025-10686 | Producer      | N/A                         |
| G                  | Skelly Penrose 'A' # 47    | 30-025-10682 | Producer      | N/A                         |
| H                  | Skelly Penrose 'A' # 48    | 30-025-10693 | Injector      | N/A                         |
| I                  | Skelly Penrose 'A' # 56    | 30-025-10681 | Producer      | N/A                         |

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**T-23-S , R-37-E**


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**SECTION 9**

| <u>UNIT LETTER</u> | <u>WELL NAME &amp; NO.</u> | <u>API #</u> | <u>STATUS</u> | <u>WELLBORE<br/>DIAGRAM</u> |
|--------------------|----------------------------|--------------|---------------|-----------------------------|
| J                  | Skelly Penrose 'A' # 57    | 30-025-10678 | Injector      | N/A                         |
| K                  | Skelly Penrose 'B' # 53    | 30-025-10688 | Producer      | N/A                         |
| L                  | Skelly Penrose 'B' # 64    | 30-025-30218 | Injector      | N/A                         |
| M                  | Skelly Penrose 'B' # 60    | 30-025-10690 | Producer      | N/A                         |
| N                  | Skelly Penrose 'B' # 61    | 30-025-10689 | Injector      | N/A                         |
| O                  | Skelly Penrose 'A' # 58    | 30-025-10680 | Producer      | N/A                         |
| P                  | Skelly Penrose 'A' # 59    | 30-025-10679 | Injector      | N/A                         |

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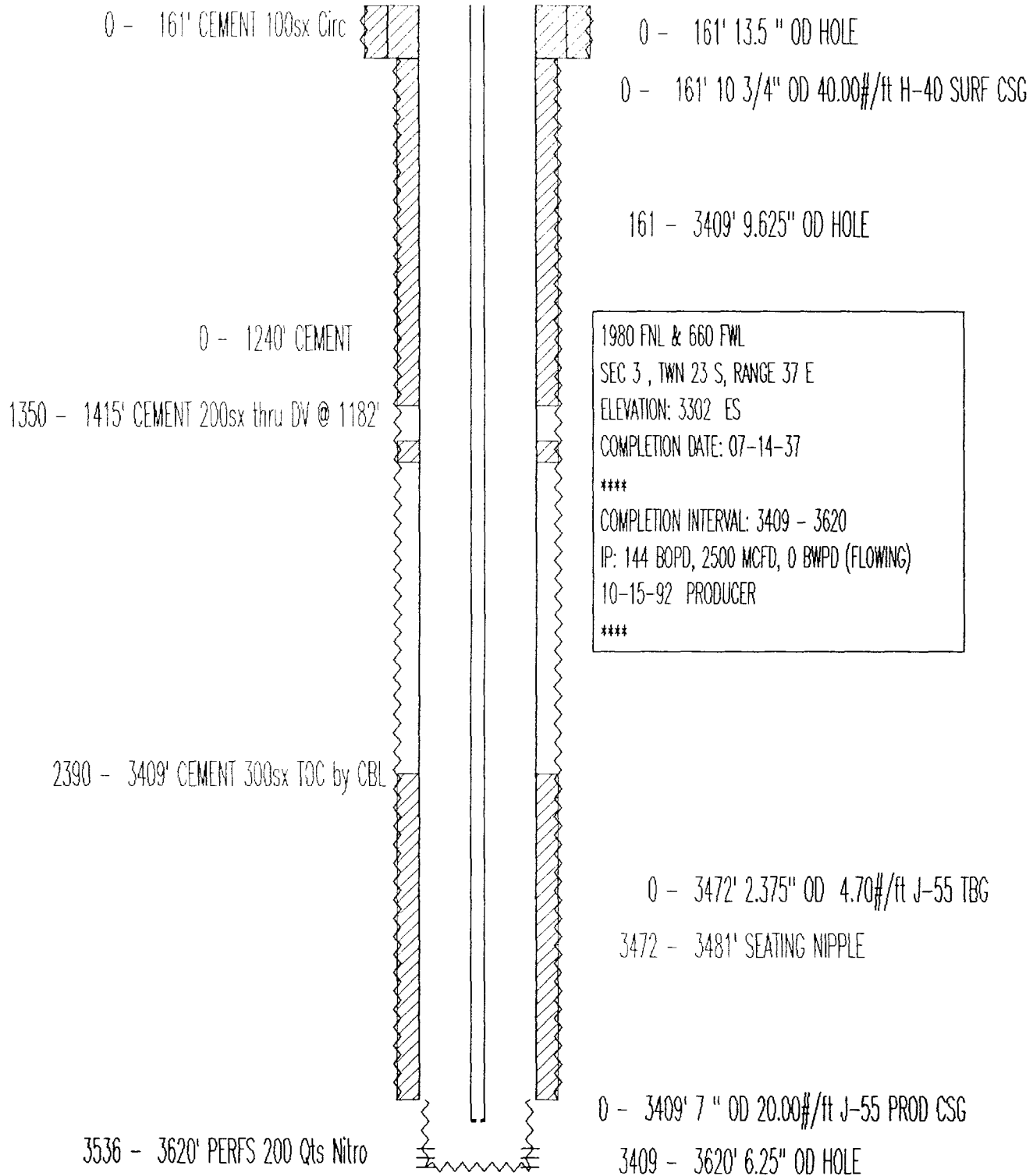
**T-23-S , R-37-E**


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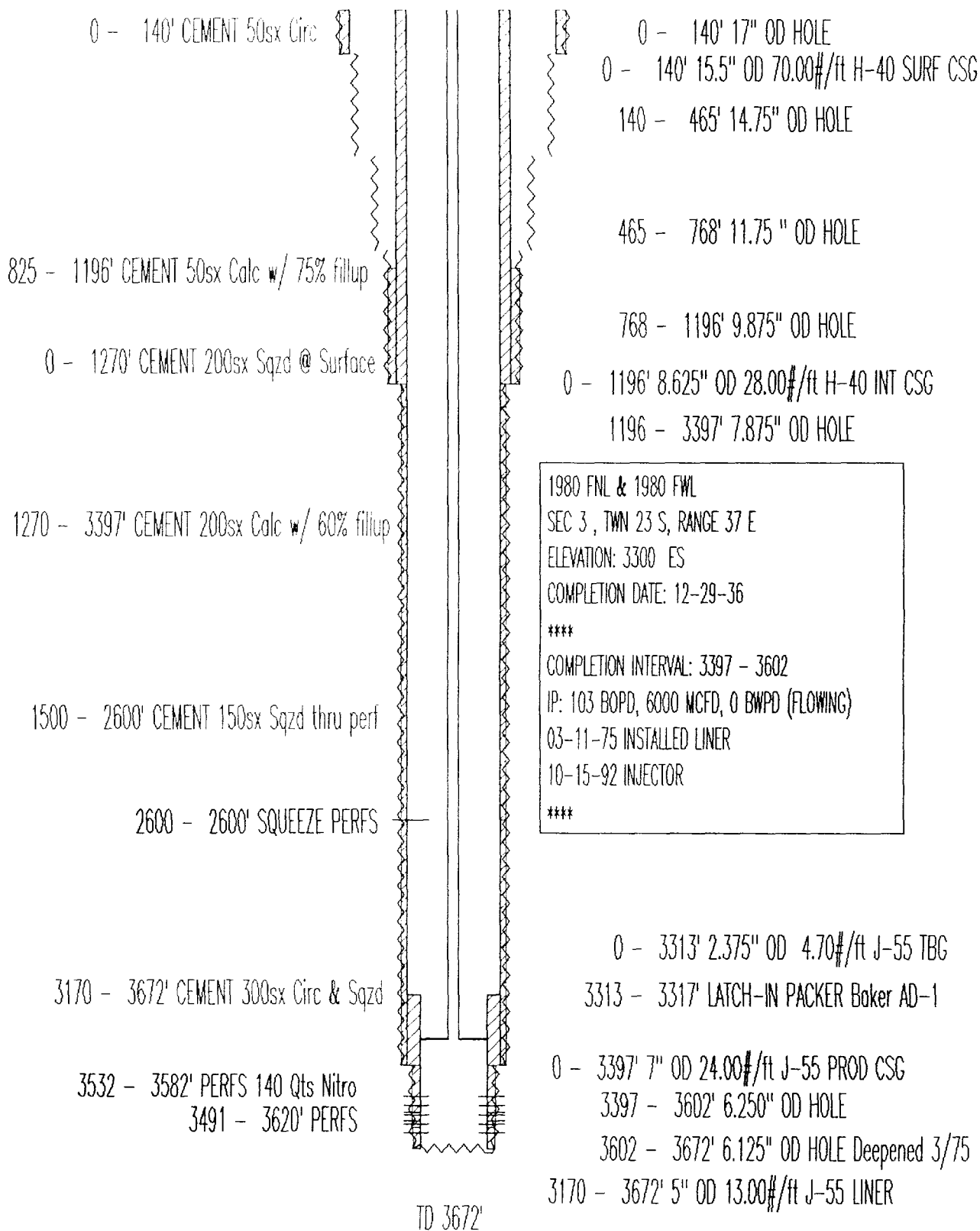
**SECTION 10**

| <u>UNIT LETTER</u> | <u>WELL NAME &amp; NO.</u> | <u>API #</u> | <u>STATUS</u> | <u>WELLBORE<br/>DIAGRAM</u> |
|--------------------|----------------------------|--------------|---------------|-----------------------------|
| A                  | Skelly Penrose 'A' # 41    | 30-025-10694 | Producer      | Included                    |
| B                  | Skelly Penrose 'A' # 42    | 30-025-10706 | Injector      | Included                    |
| C                  | Skelly Penrose 'A' # 43    | 30-025-10702 | Producer      | Included                    |
| D                  | Skelly Penrose 'A' # 44    | 30-025-10703 | Injector      | Included                    |
| E                  | Skelly Penrose 'A' # 49    | 30-025-10705 | Producer      | Included                    |
| F                  | Skelly Penrose 'A' # 50    | 30-025-10704 | TA-Inj        | Included                    |
| G                  | Skelly Penrose 'A' # 51    | 30-025-10696 | Producer      | Included                    |
| H                  | Skelly Penrose 'A' # 52    | 30-025-10695 | Injector      | Included                    |
| I                  | N. Alley # 1               | 30-025-10697 | P&A           | N/A                         |
| J                  | Skelly Penrose 'A' # 53    | 30-025-10698 | Injector      | N/A                         |
| K                  | Skelly Penrose 'A' # 54    | 30-025-10699 | Producer      | N/A                         |
| L                  | Skelly Penrose 'A' # 55    | 30-025-10701 | Injector      | N/A                         |
| M                  | Skelly Penrose 'A' # 60    | 30-025-10700 | Producer      | N/A                         |
| N                  | Lula May # 1               | 30-025-25643 | Producer      | N/A                         |
| N                  | Samedan-Fed # 1            | 30-025-22780 | P&A           | N/A                         |
| J                  | Skelly Penrose 'A' # 57    | 30-025-      | Injector      | N/A                         |
| K                  | Skelly Penrose 'B' # 53    | 30-025-      | Producer      | N/A                         |
| L                  | Skelly Penrose 'B' # 64    | 30-025-      | Injector      | N/A                         |
| M                  | Skelly Penrose 'B' # 60    | 30-025-      | Producer      | N/A                         |
| N                  | Skelly Penrose 'B' # 61    | 30-025-10689 | Injector      | N/A                         |
| O                  | Skelly Penrose 'A' # 58    | 30-025-10680 | Producer      | N/A                         |
| P                  | Skelly Penrose 'A' # 59    | 30-025-10679 | Injector      | N/A                         |

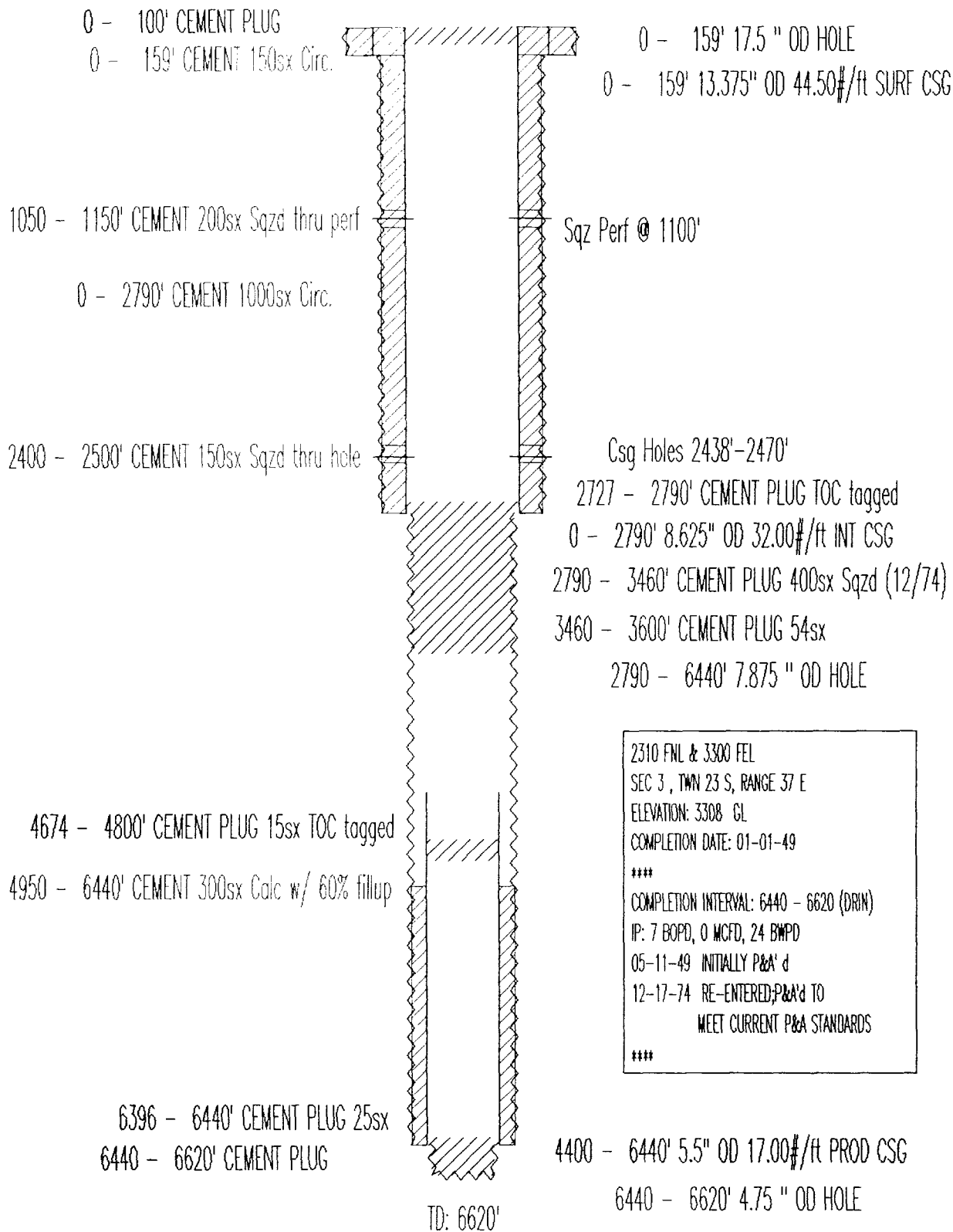
TEXACO EXPL & PROD  
SKELLY PENROSE 'A' UNIT # 22  
API# 3002510603



TEXACO EXPL & PROD  
 SKELLY PENROSE 'A' UNIT # 23  
 API# 3002510611



TEXACO EXPL & PROD  
H.O. SIMS 'D' # 2  
API# 3002510612



TEXACO EXPL & PROD  
SKELLY PENROSE 'A' UNIT # 24  
API# 3002510598

0 - 158' CEMENT 100sx Circ

0 - 158' 13.5" OD HOLE

0 - 158' 10.75" OD 40.00#/ft H-40 SURF CSG

158 - 3390' 9.875" OD HOLE

1965 - 3390' CEMENT 400sx Calc w/ 75% fillup

1980 FNL & 1980 FEL  
SEC 3, TWN 23 S, RANGE 37 E  
ELEVATION: 3301 ES  
COMPLETION DATE: 03-11-37

\*\*\*\*

COMPLETION INTERVAL: 3400 - 3610  
IP: 480 BOPD, 2000 MCFD, 0 BWPD (FLOWING)  
10-15-92 PRODUCER

\*\*\*\*

0 - 3537' 2.875" OD 6.40#/ft J-55 TBG

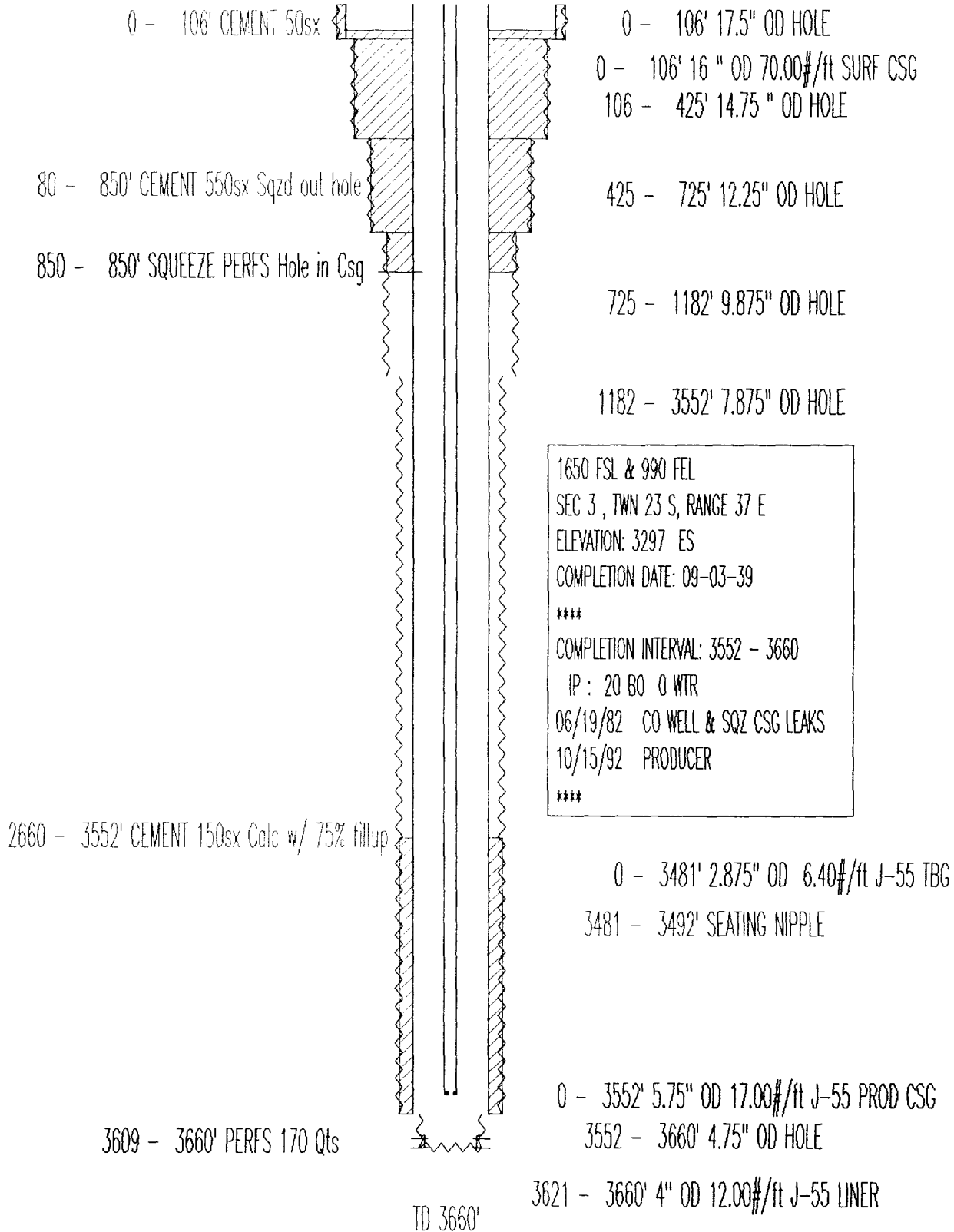
3537 - 3548' SEATING NIPPLE

3519 - 3600' PERFS 240 Qts Nitro

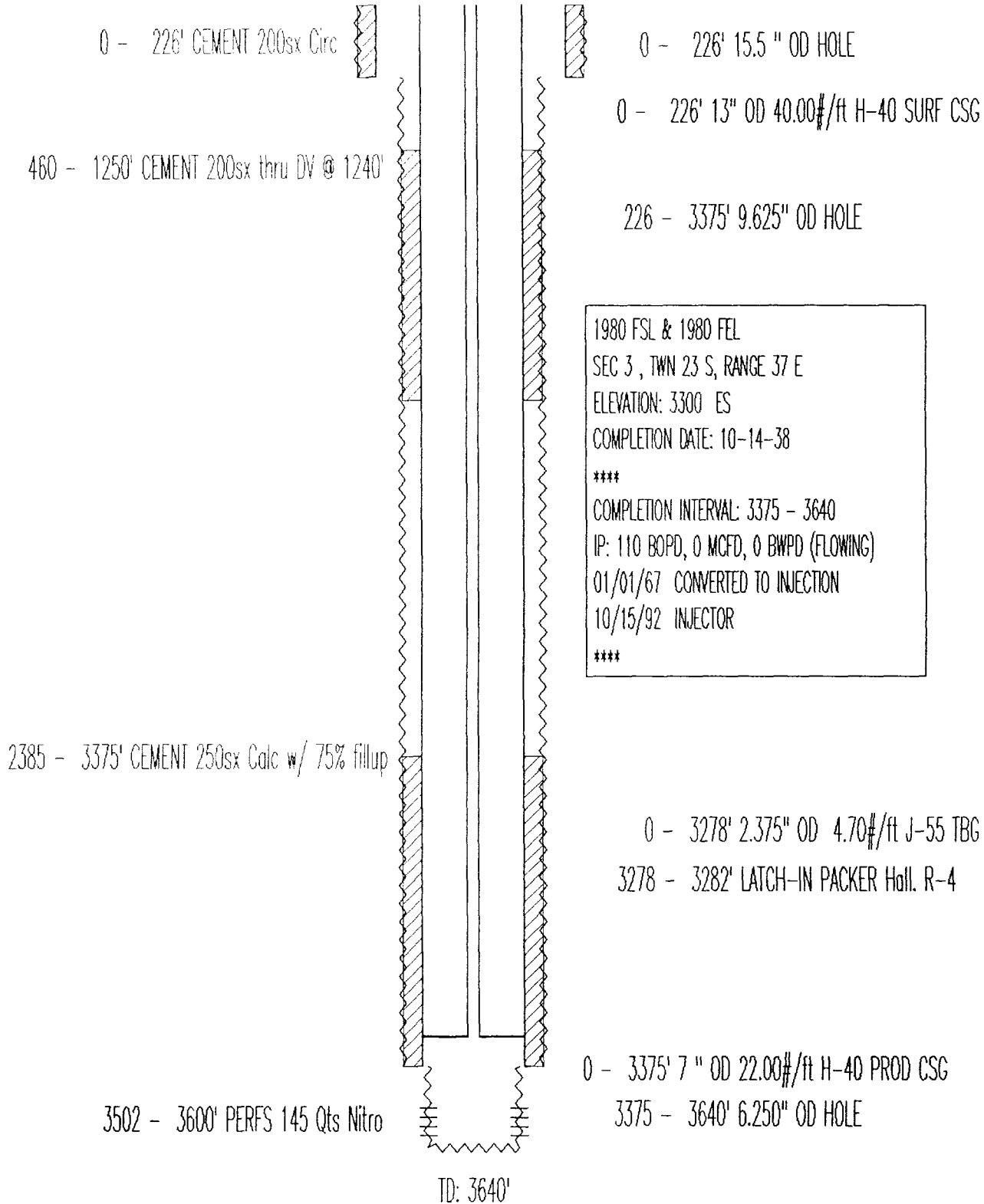
0 - 3390' 7" OD 22.00#/ft J-55 PROD CSG

3390 - 3610' 6.250" OD HOLE

TEXACO EXPL & PROD  
SKELLY PENROSE 'A' UNIT # 25  
API# 3002510600



TEXACO EXPL & PROD  
SKELLY PENROSE 'A' UNIT # 26  
API# 3002510597



TEXACO EXPL & PROD  
E. SIMS # 6  
API# 3002510602

0 - 53' CEMENT 84sx CEMENT PLUG 20sx

0 - 135' CEMENT 150sx Circ.

510 - 2808' CEMENT 800sx Calc w/ 60% fillup

1050 - 1150' CEMENT 200sx Sqzd thru perf

2550 - 3317' CEMENT PLUG 200sx (12/74)

3317 - 3680' CEMENT PLUG 75sx

3678 - 3825' CEMENT PLUG 45sx

4340 - 4402' CEMENT PLUG 20sx

4790 - 6446' CEMENT 300sx Calc w/ 60% fillup

6550 - 6615' CEMENT PLUG 20sx

TD: 6615'

0 - 155' 17.5" OD HOLE

0 - 155' 13.375" OD 44.50#/ft SURF CSG

155 - 2808' 11" OD HOLE

0 - 2808' 8.625" OD 28.00#/ft INT CSG

2808 - 6446' 7.375" OD HOLE

1980 FSL & 1830 FEL

SEC 3, T1N 23 S, RANGE 37 E

ELEVATION: 3306 GL

COMPLETION DATE: 02-20-49

\*\*\*

COMPLETION INTERVAL: 6390 - 6615 (DRIN)

IP: 23 BOPD, 0 MCFD, 6 BWPD (PUMPING)

09-23-50 T&A'd

05-10-67 P&A'd

12-19-74 RE-ENTERED ; P&A'd TO

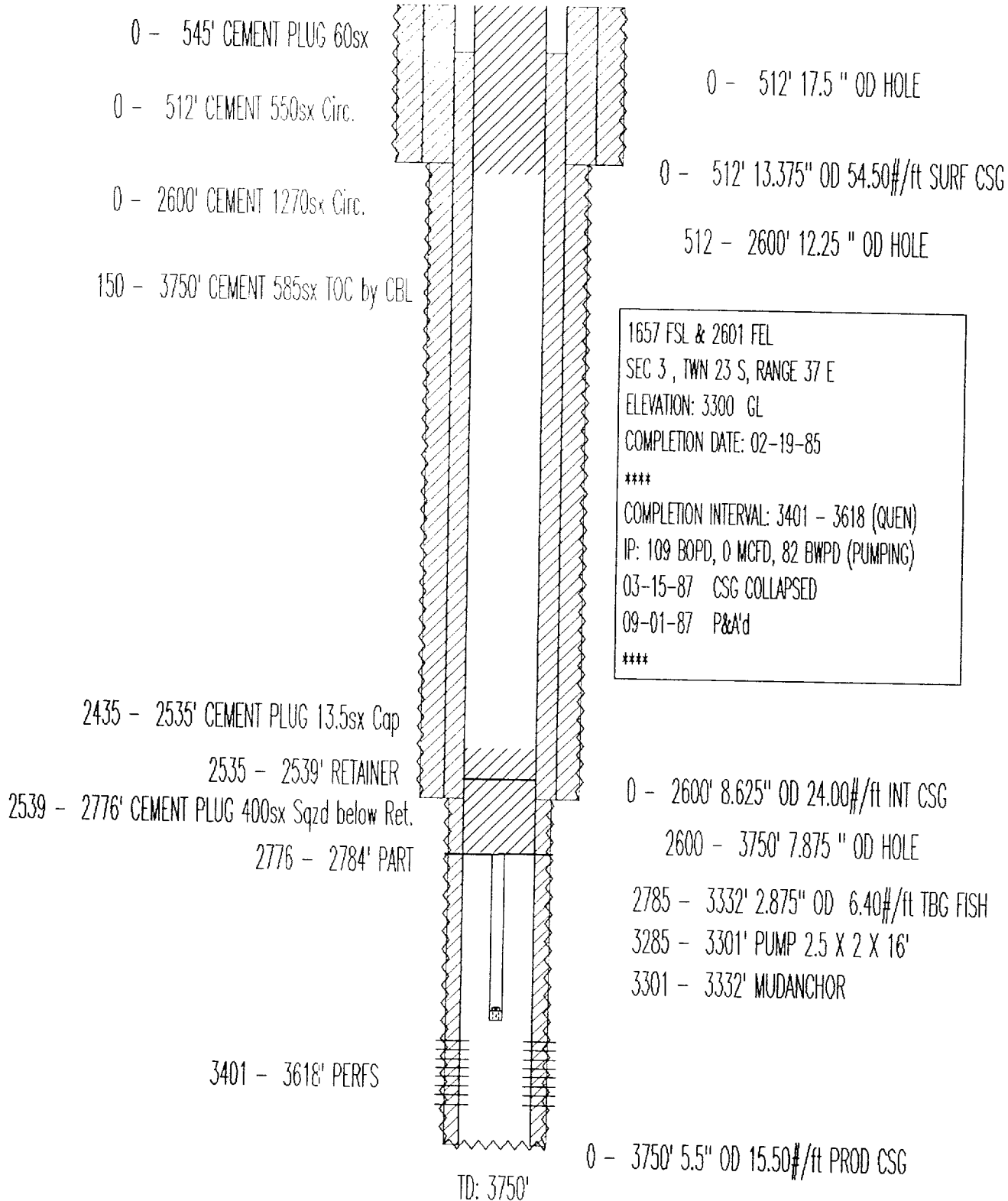
MEET CURRENT P&A STANDARDS

\*\*\*

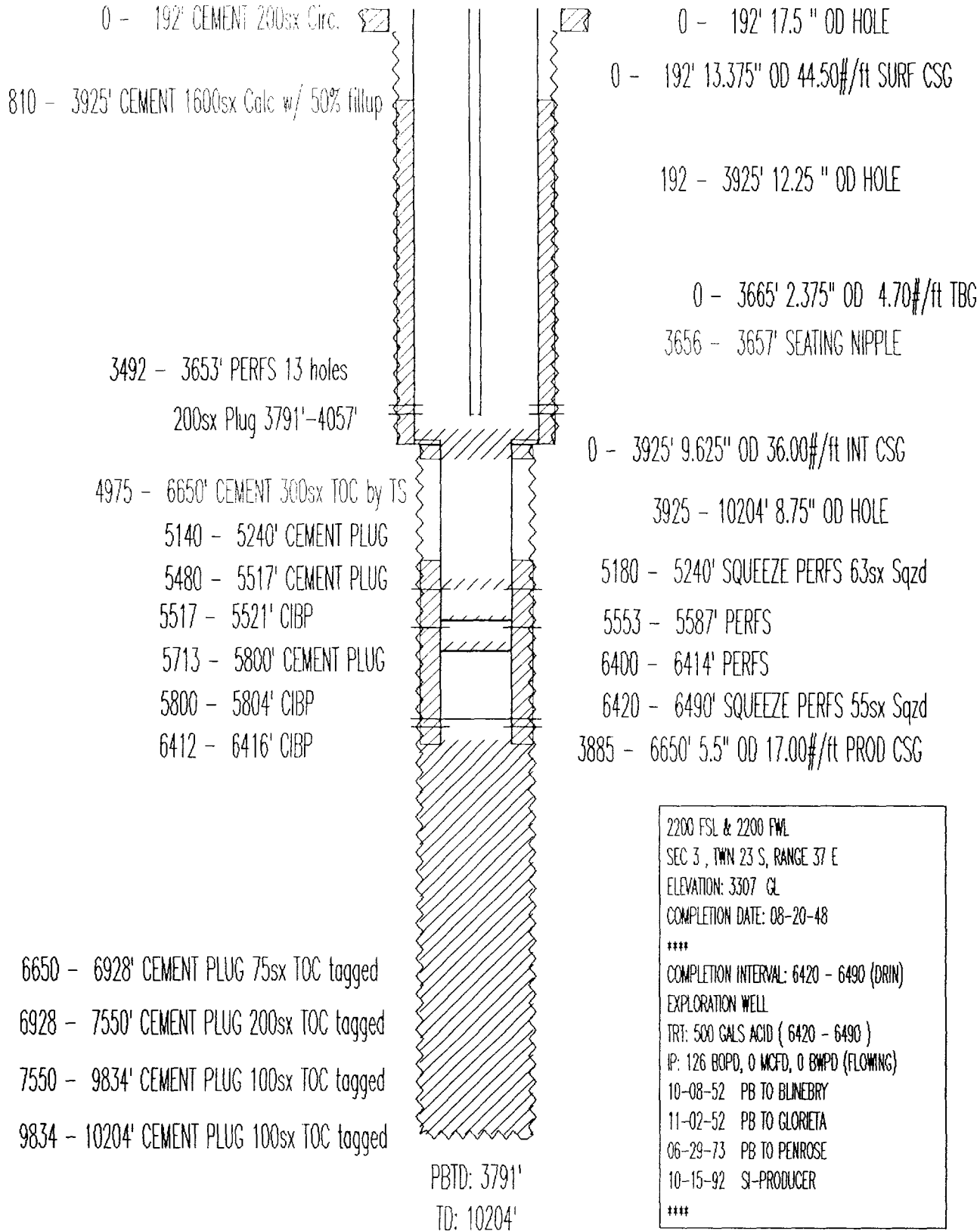
4290 - 6446' 5.5" OD 17.00#/ft PROD CSG

6446 - 6615' 4.75" OD HOLE

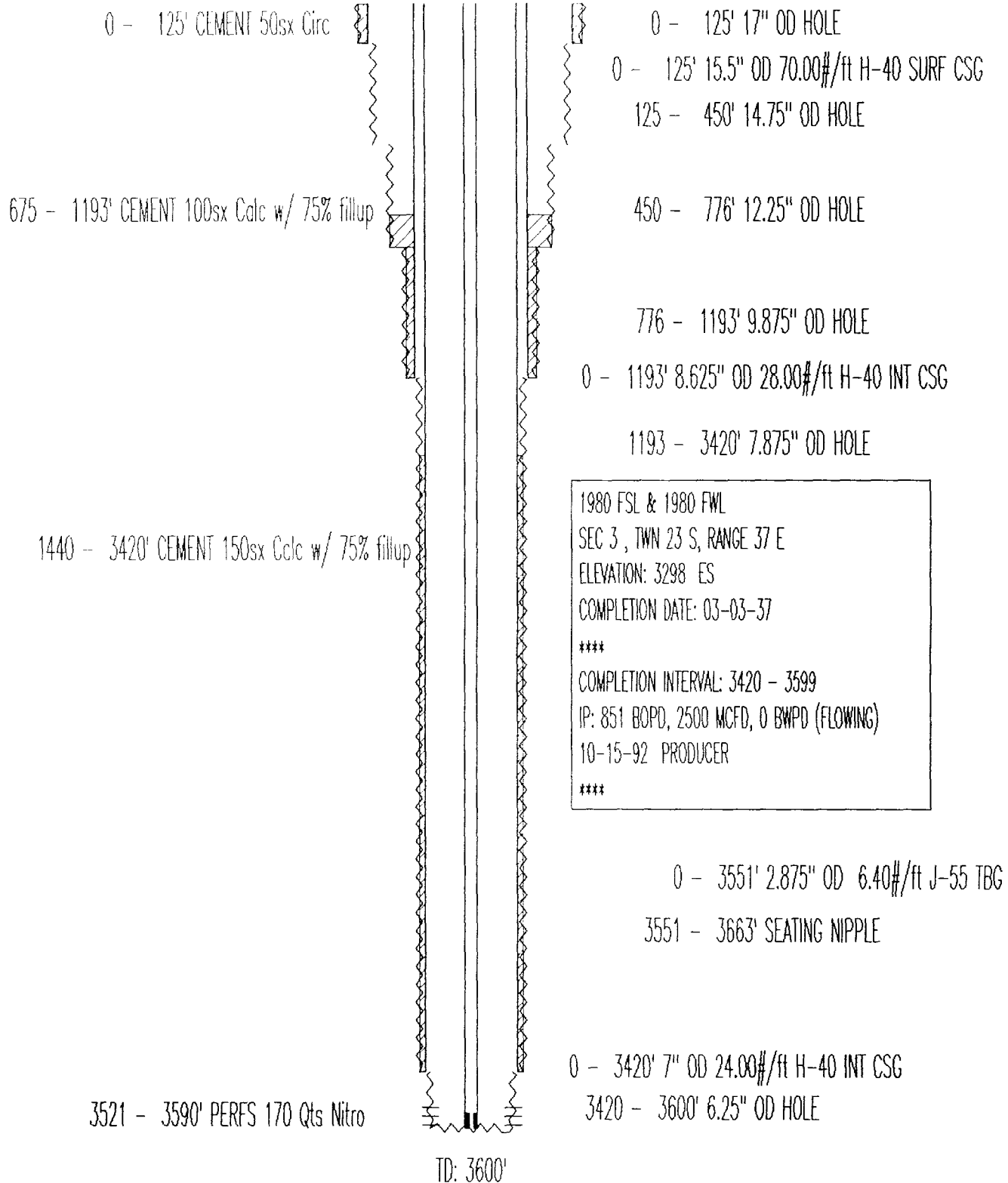
TEXACO EXPL & PROD  
SKELLY PENROSE 'A' # 67  
API# 3002528948



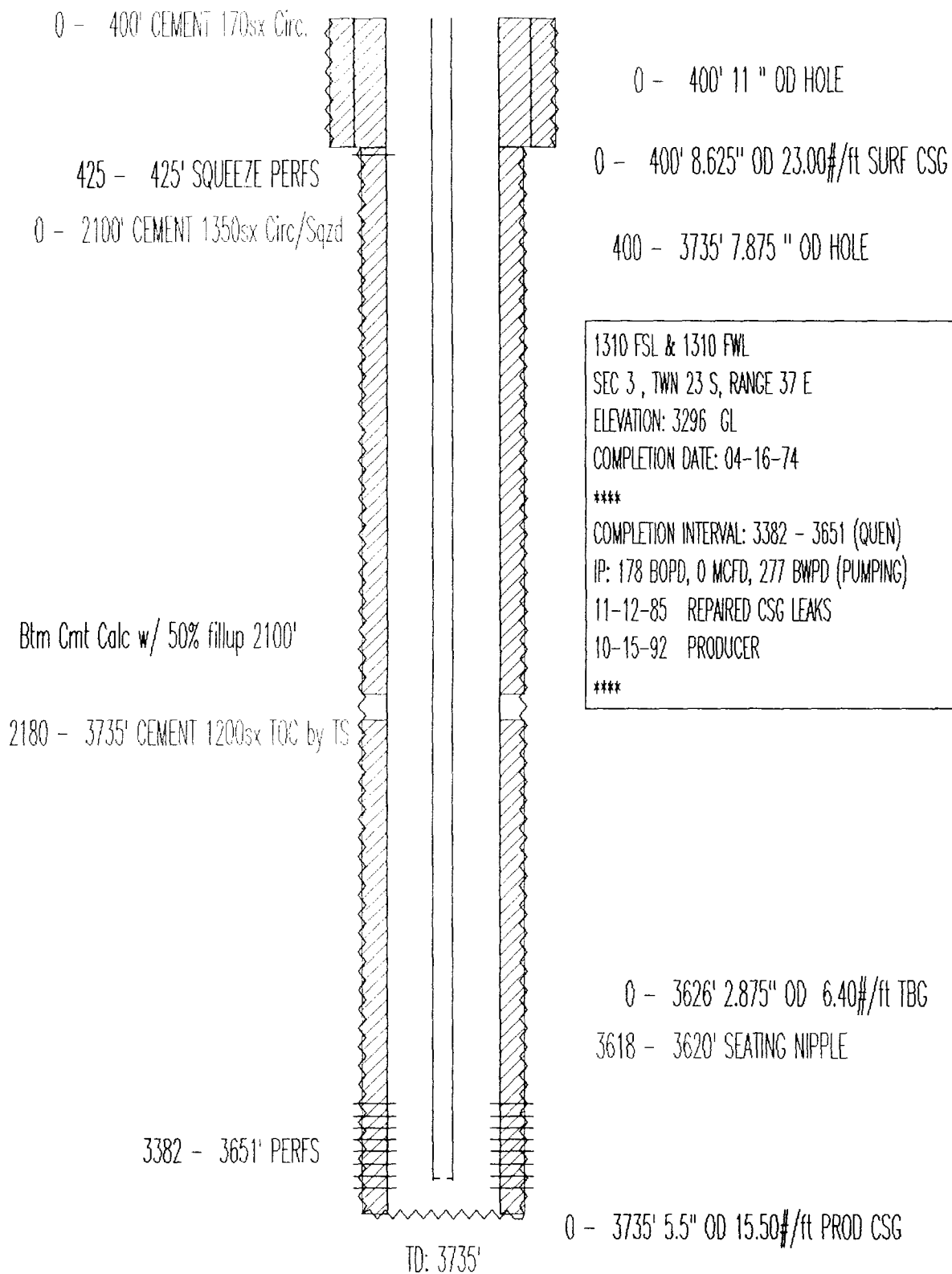
TEXACO EXPL & PROD  
SKELLY PENROSE 'A' UNIT # 62  
API# 3002510610



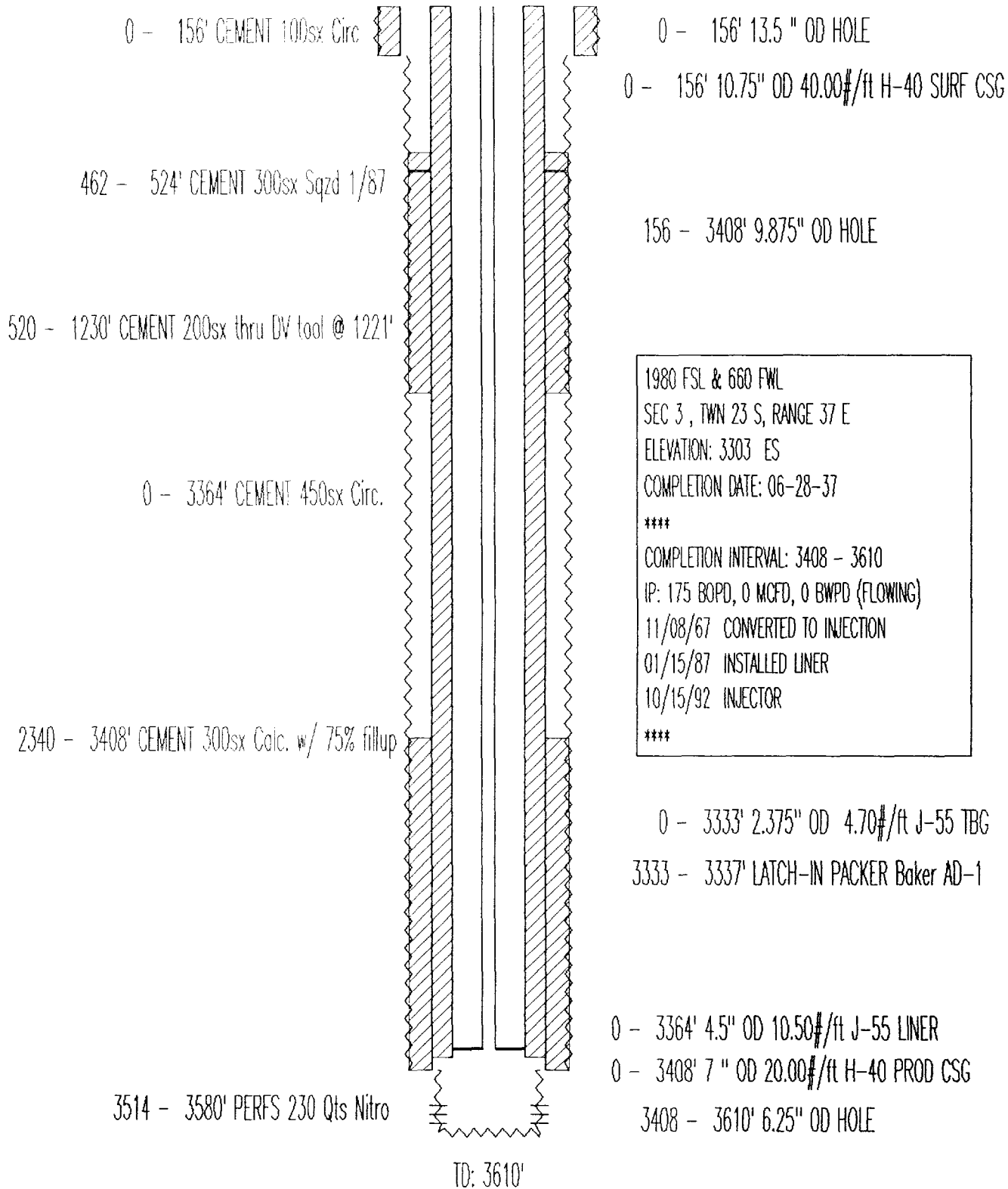
TEXACO EXPL & PROD  
SKELLY PENROSE 'A' UNIT # 27  
API# 3002510607



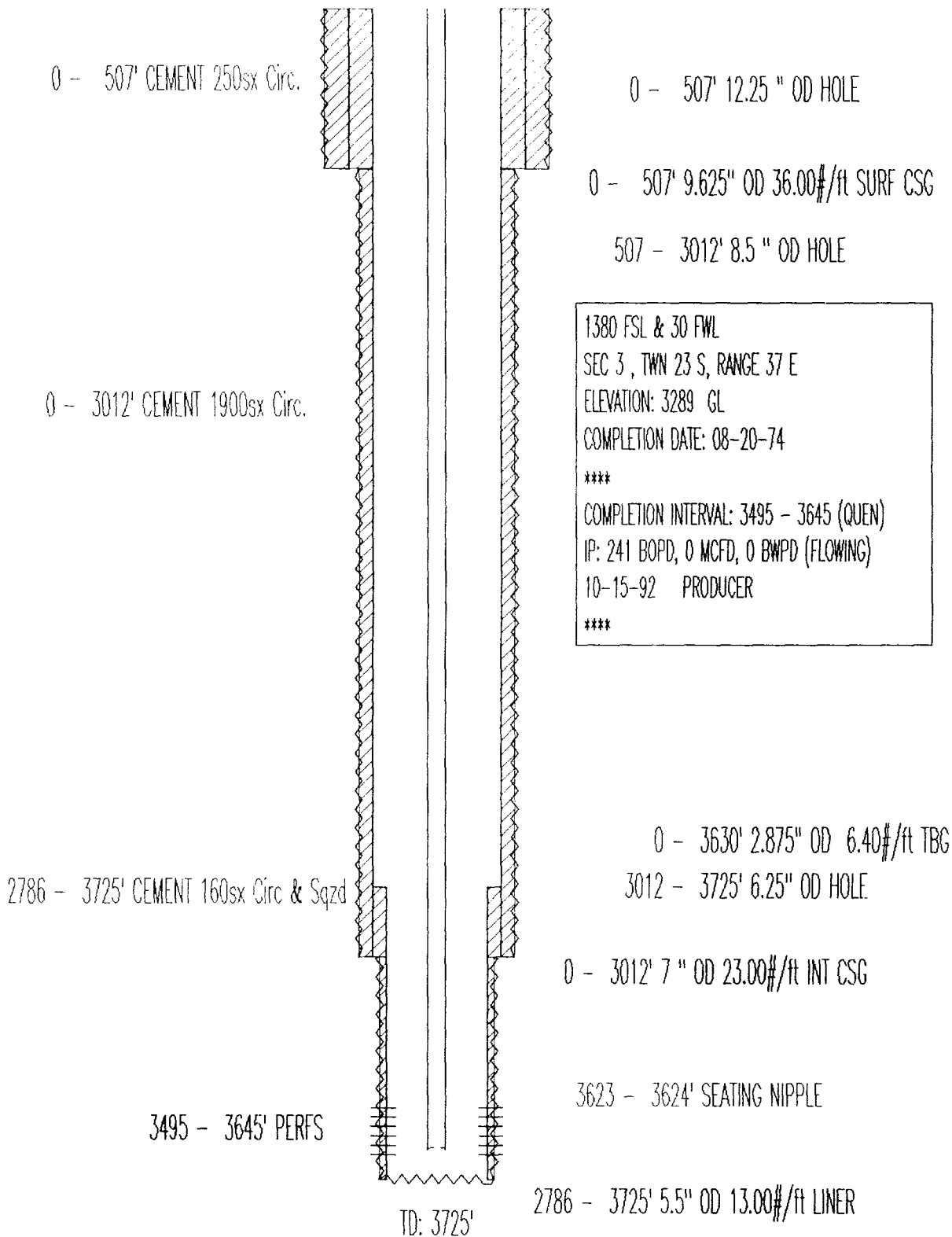
TEXACO EXPL & PROD  
SKELLY PENROSE 'A' UNIT # 63  
API# 3002524685



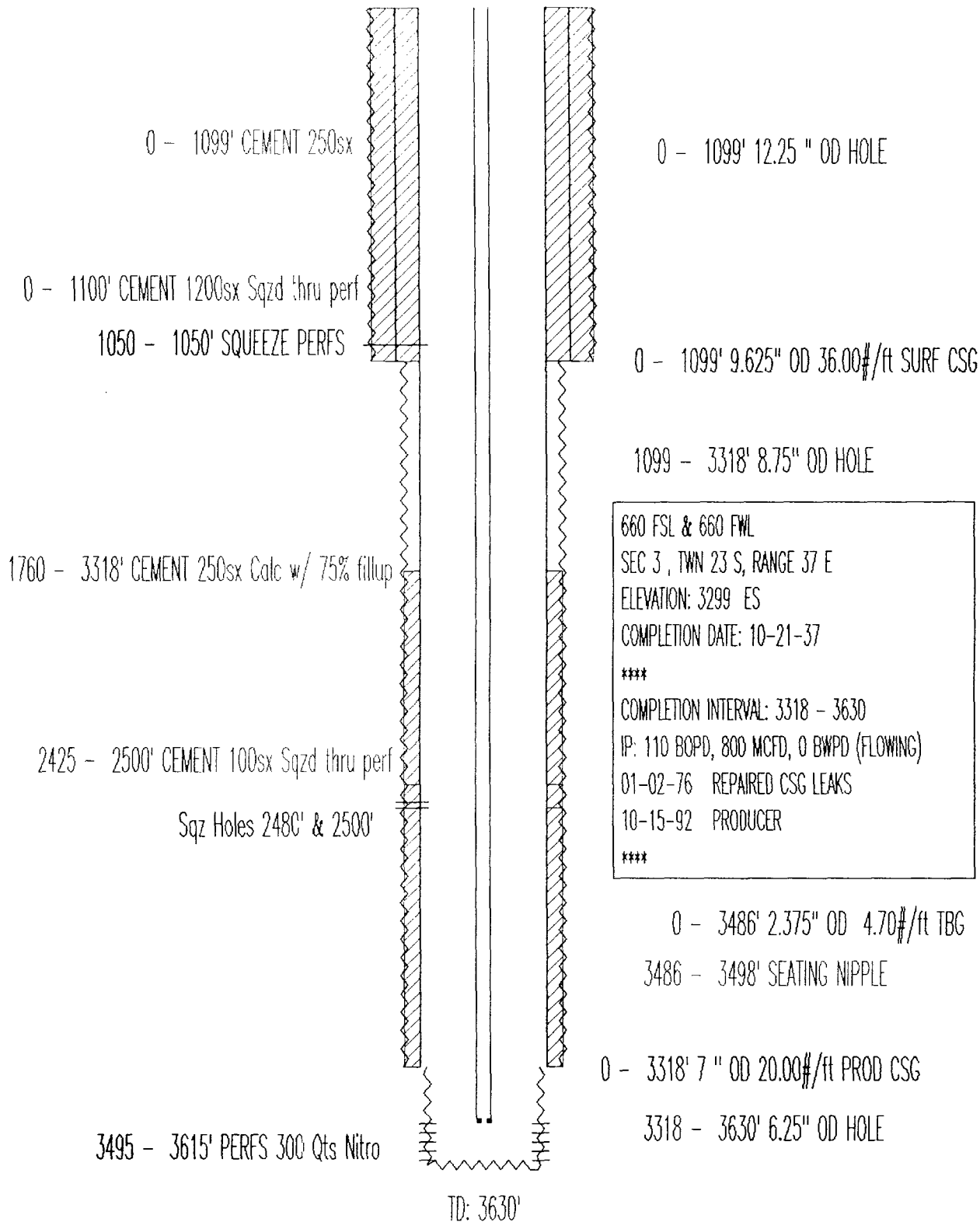
TEXACO EXPL & PROD  
SKELLY PENROSE 'A' UNIT # 28  
API# 3002510608



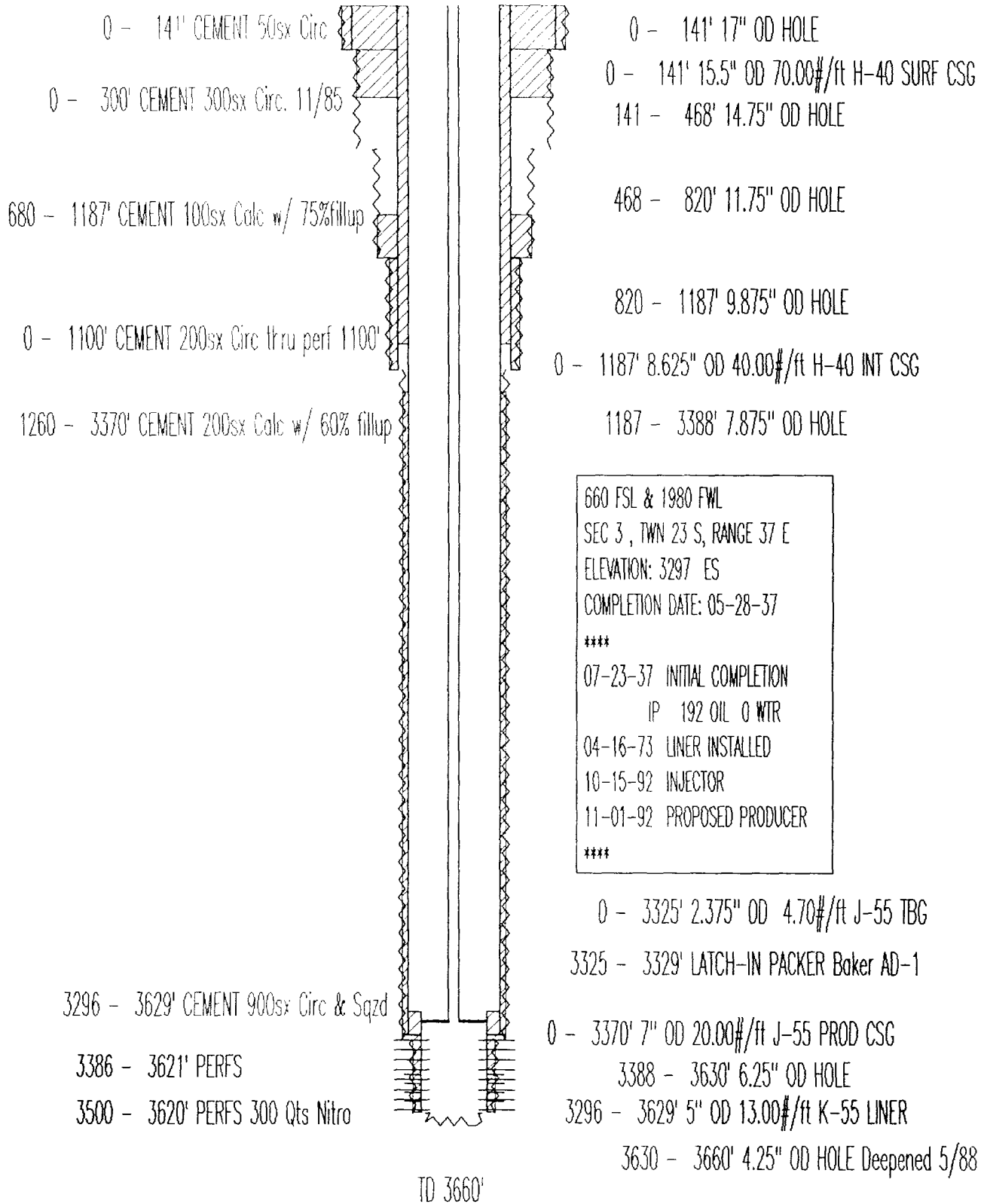
TEXACO EXPL & PROD  
SKELLY PENROSE 'A' UNIT # 64  
API# 3002524773



TEXACO EXPL & PROD  
SKELLY PENROSE 'A' UNIT # 37  
API# 3002510609



TEXACO EXPL & PROD  
SKELLY PENROSE 'A' UNIT # 38  
API# 3002510595



TEXACO EXPL & PROD  
RR SIMS C # 1-A  
API# 3002510596

0 - 140' CEMENT 150sx Circ.

0 - 40' CEMENT PLUG 20sx Cmt Spotted

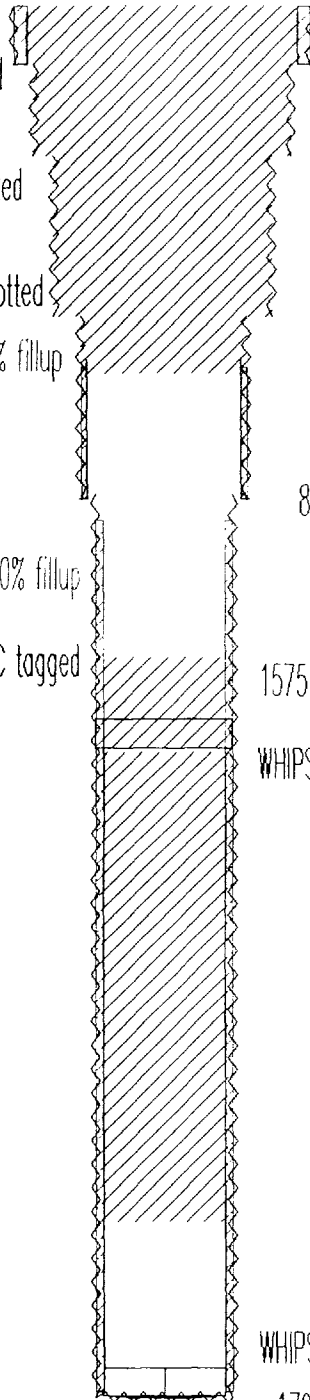
40 - 400' CEMENT PLUG 500sx Cmt Spotted

400 - 888' CEMENT PLUG 500sx Cmt Spotted

875 - 1194' CEMENT 50sx Calc w/ 60% fillup

1245 - 3373' CEMENT 200sx Calc w/ 60% fillup

1805 - 2950' CEMENT PLUG 200sx TOC tagged



0 - 140' 17" OD HOLE

16 - 140' 15.5" OD 70.00#/ft SURF CSG

140 - 360' 14.75" OD HOLE

360 - 750' 12.5" OD HOLE

750 - 1194' 9.5" OD HOLE

857 - 1194' 8.875" OD 28.00#/ft INT CSG

1180 - 3387' 7.875" OD HOLE

1575 - 1796' CEMENT PLUG 100sx Calc w/ 60% fillup

WHIPSTOCK 1725'-1796'

760 FSL & 1980 FWL

SEC 3, T2N 23 S, RANGE 37 E

ELEVATION: 3297' GL

COMPLETION DATE: 08-05-37

\*\*\*\*

05-22-37 LOST BIT BEFORE COMPLETION.

SET 7". ATTEMPTED TO SIDETRACK

@ 3311'. FAILED. PB TO 1850'.

ATTEMPTED TO SIDETRACK. FAILED. P&A'd

03-11-75 RE-ENTERED; P&A'd TO MEET

CURRENT P&A STANDARDS

\*\*\*\*

WHIPSTOCK 3311'-3382'

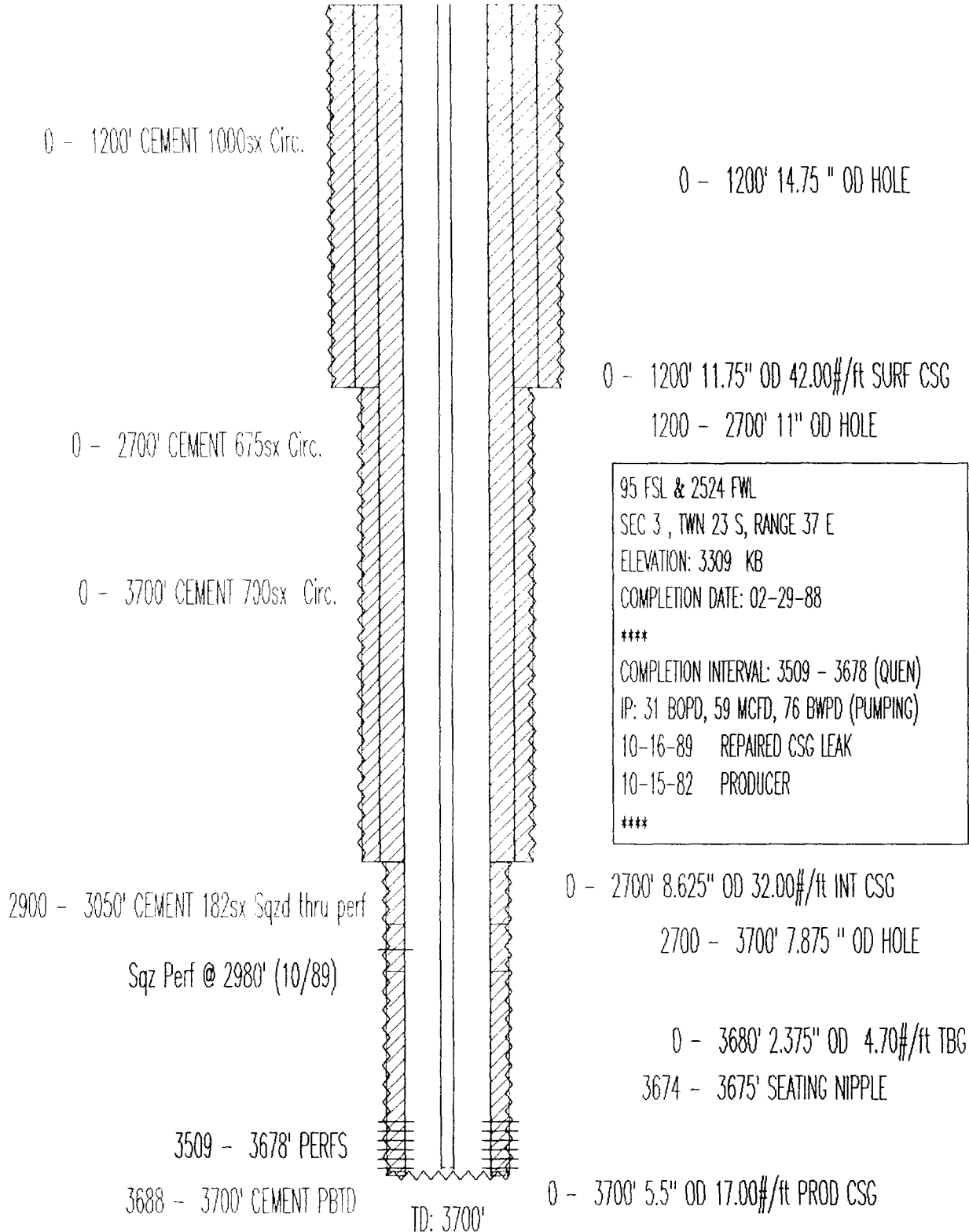
1795 - 3373' 7" OD 24.00#/ft PROD CSG

3382 - 3387' CEMENT PLUG

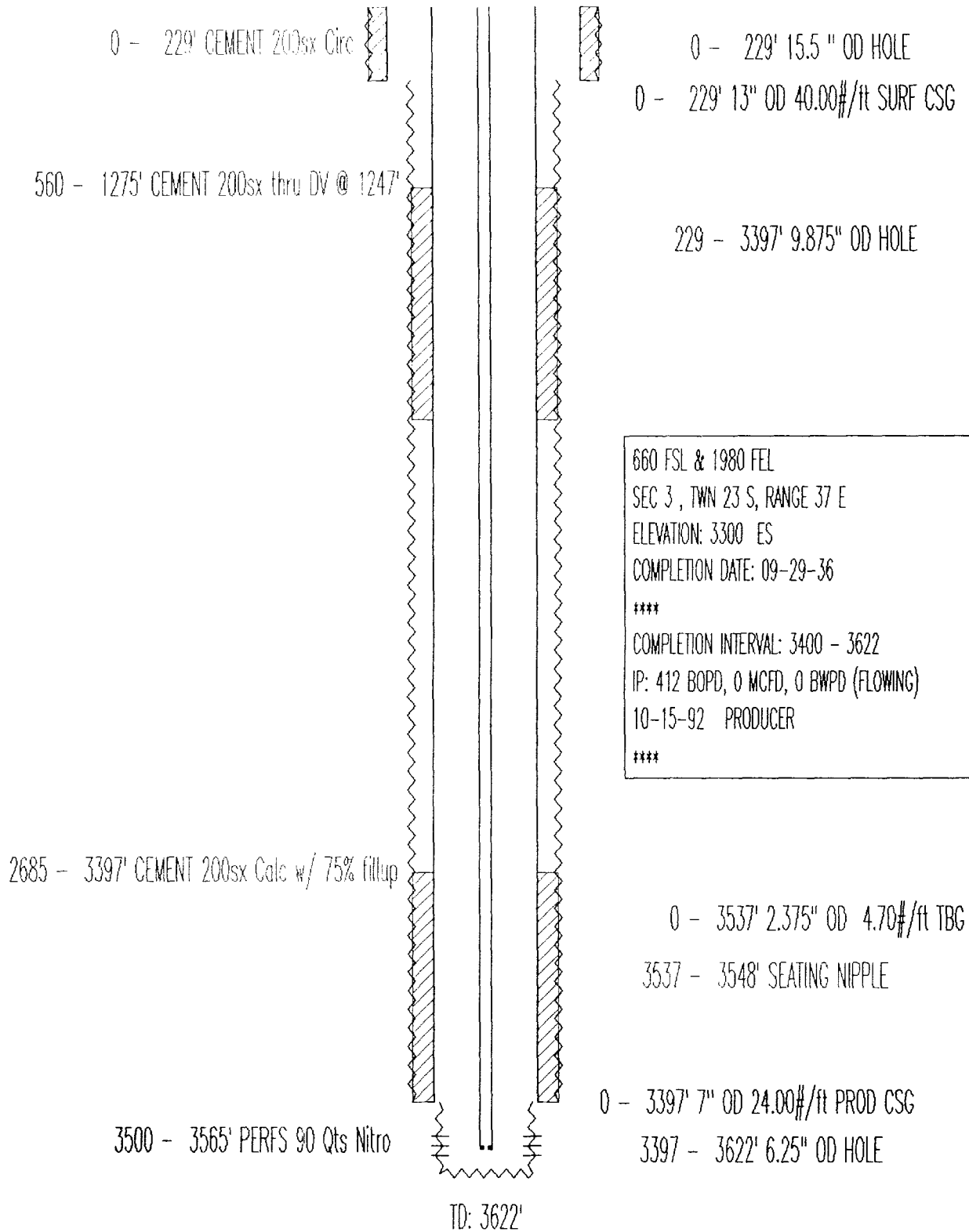
3386 - 3387' FISH Rotary Bit

TD: 3373'

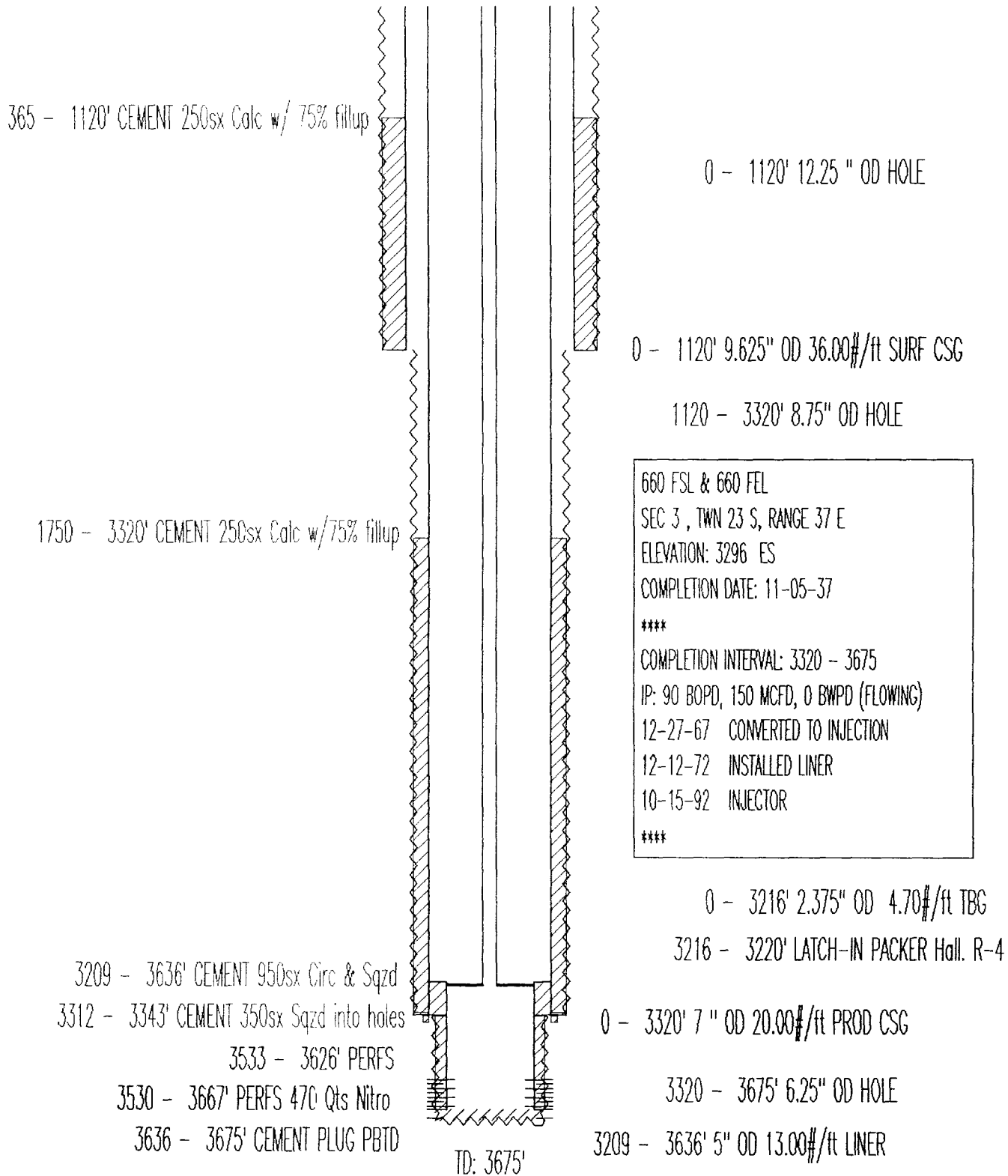
TEXACO EXPL & PROD  
SKELLY-PENROSE 'A' # 68  
API# 3002530167



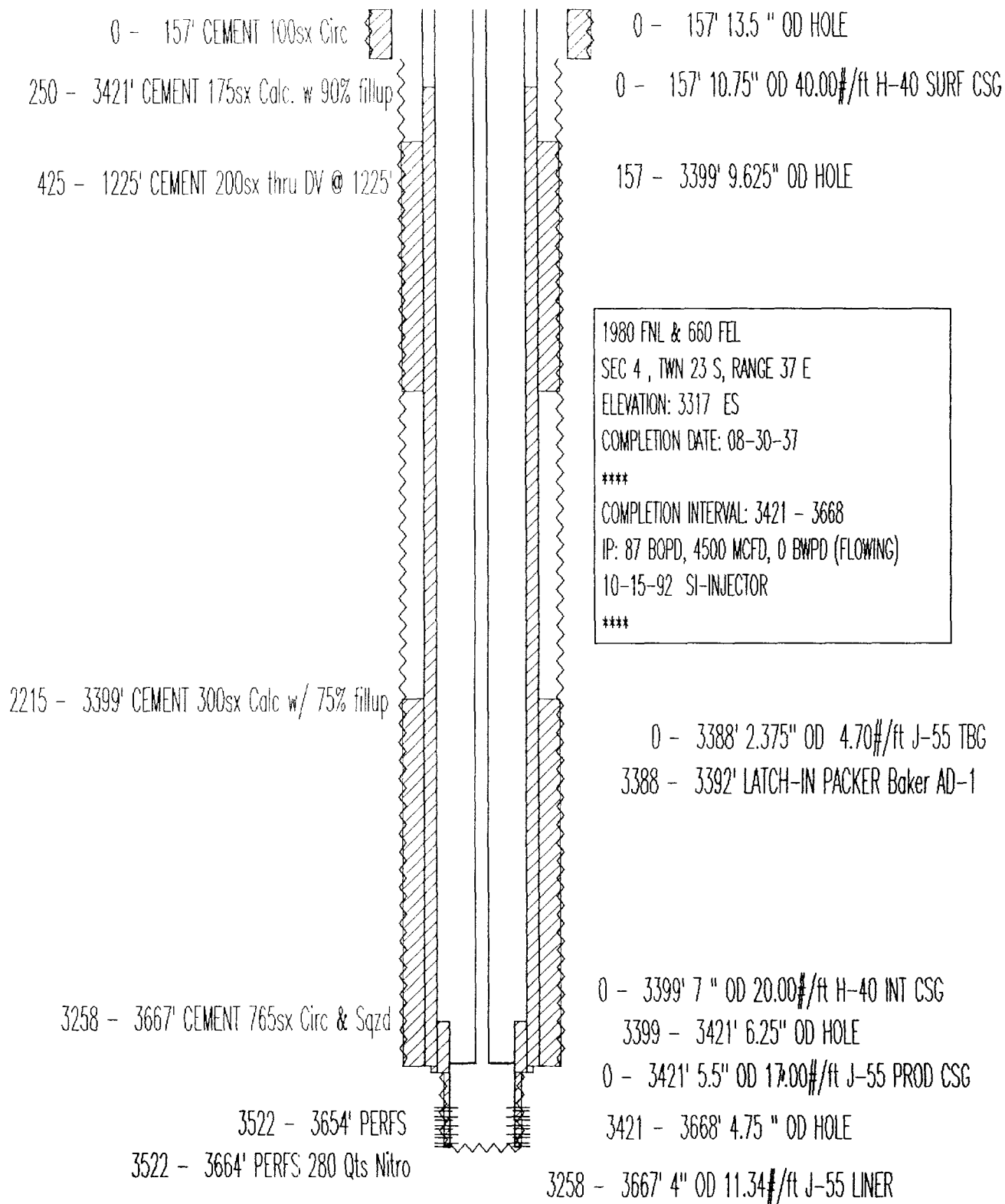
TEXACO EXPL & PROD  
SKELLY PENROSE 'A' UNIT # 39  
API# 3002510604



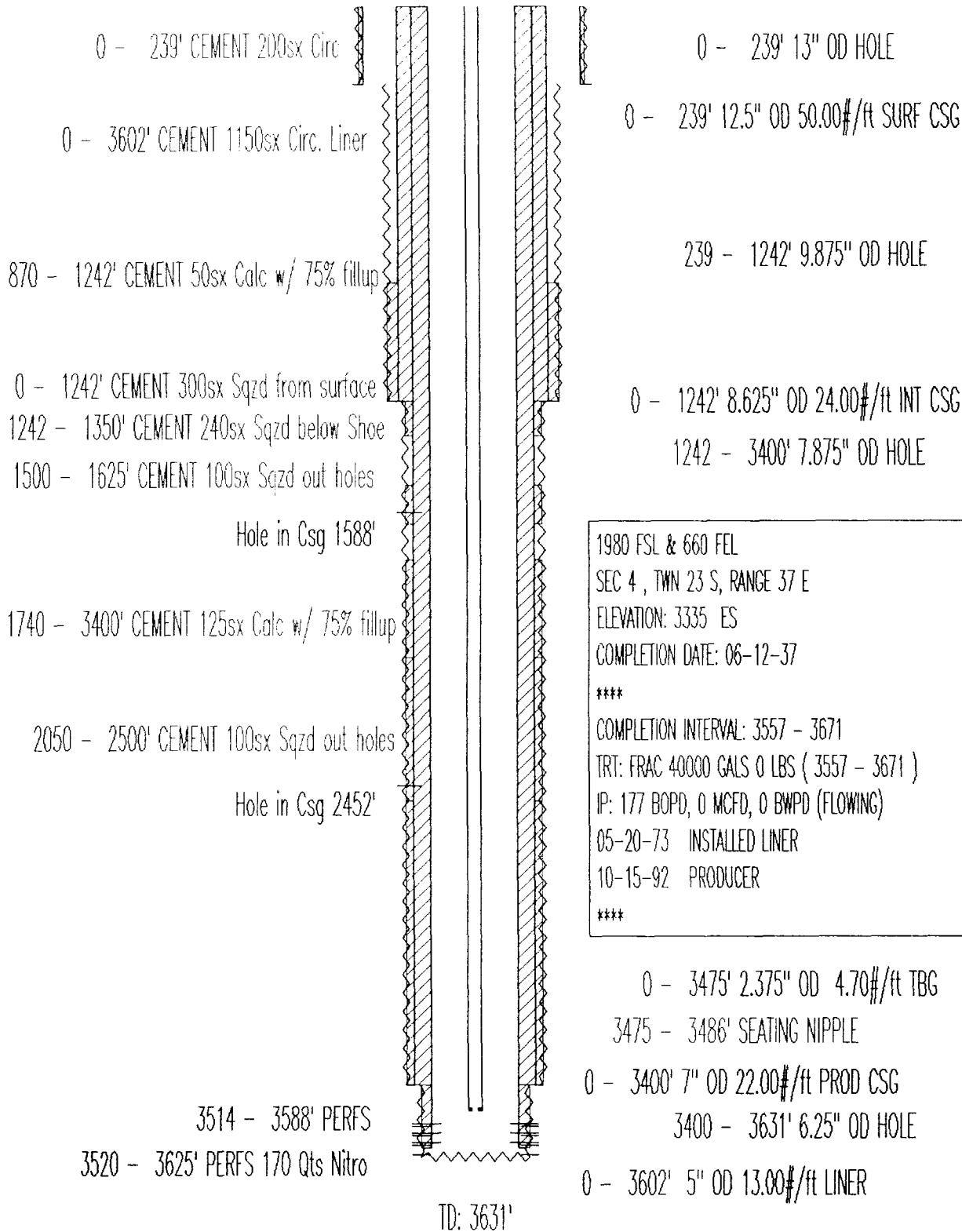
TEXACO EXPL & PROD  
SKELLY PENROSE 'A' UNIT # 40  
API# 3002510599



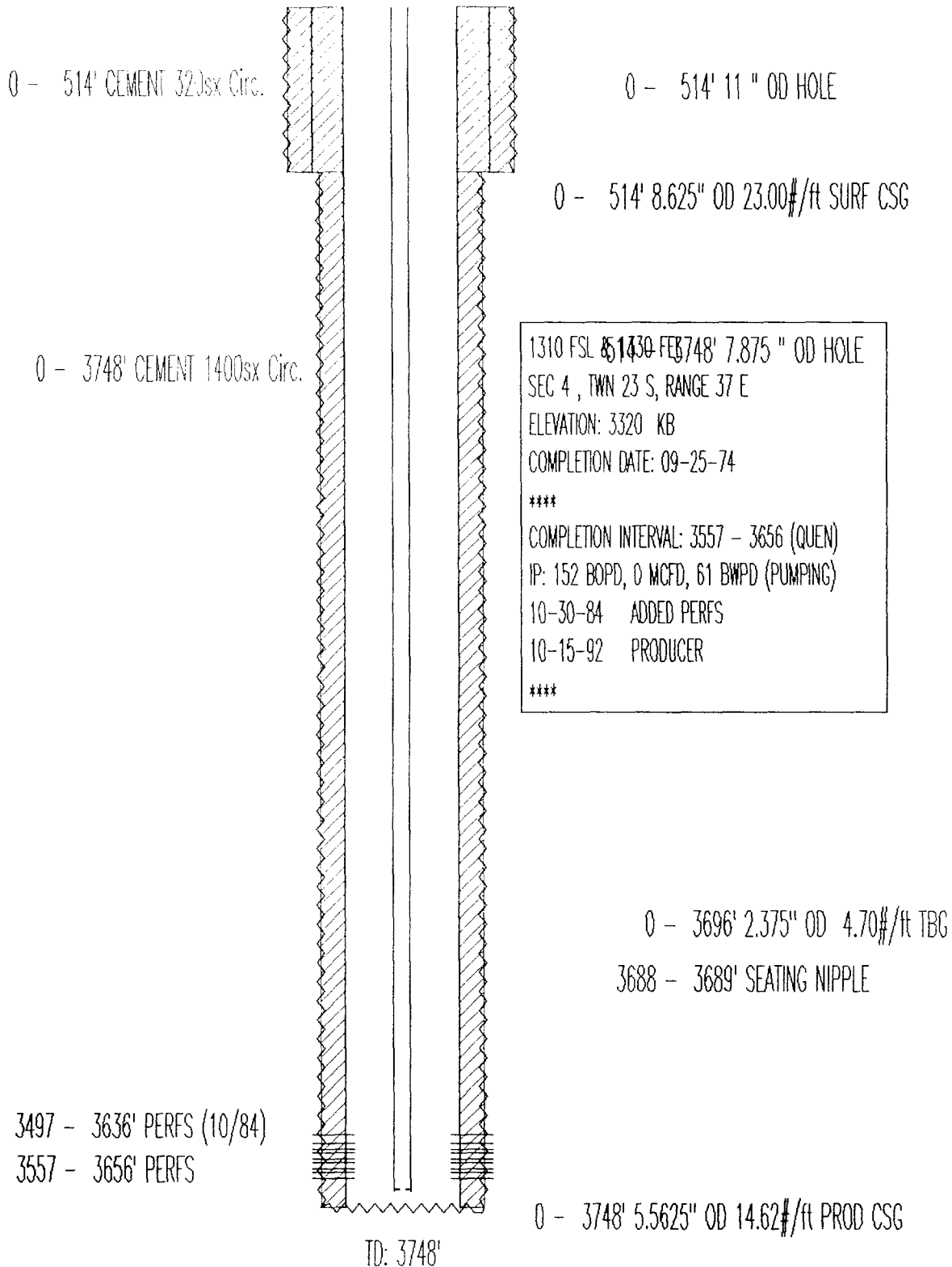
TEXACO EXPL & PROD  
SKELLY PENROSE 'A' UNIT # 21  
API# 3002510619



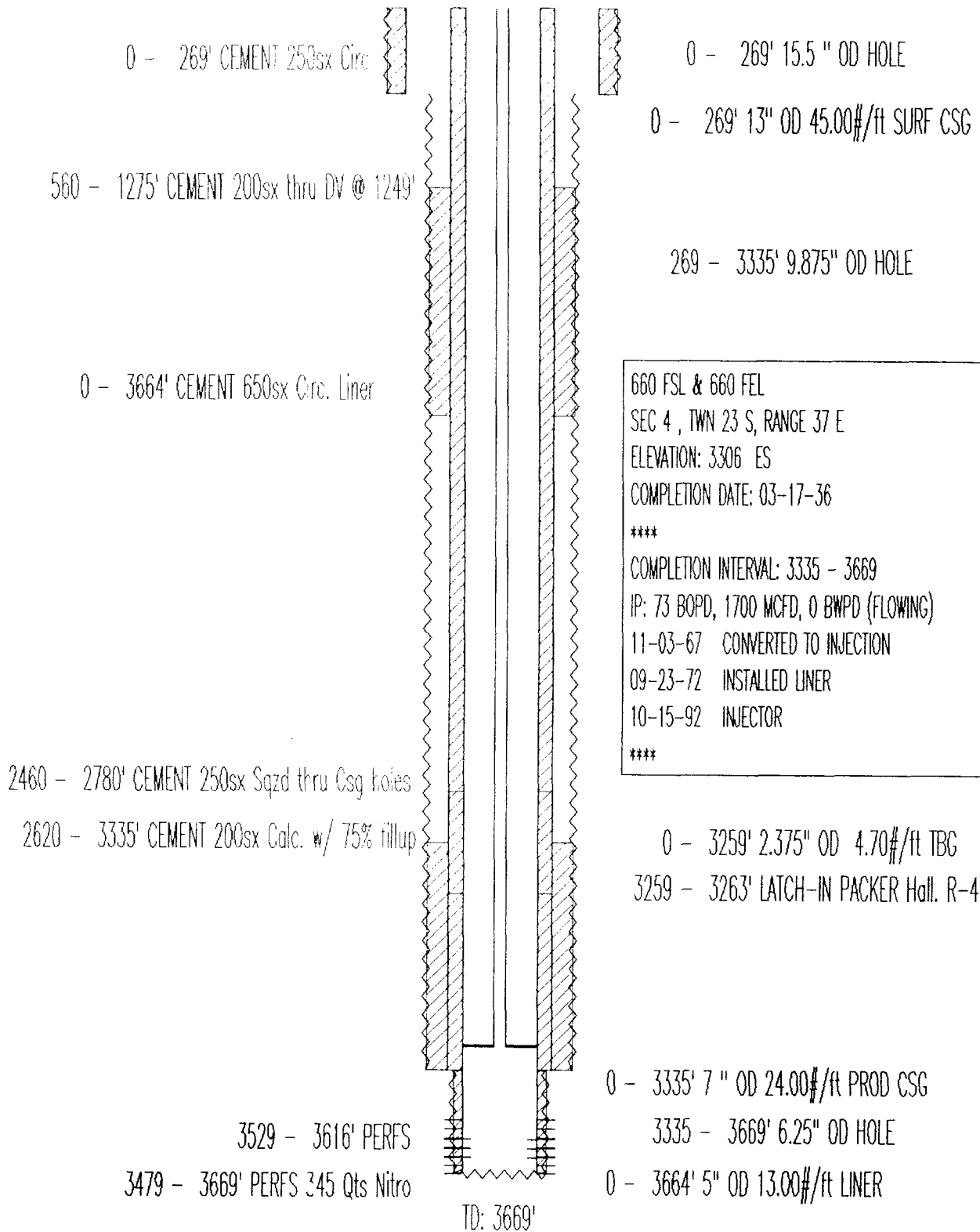
TEXACO EXPL & PROD  
SKELLY PENROSE 'A' UNIT # 29  
API# 3002510615



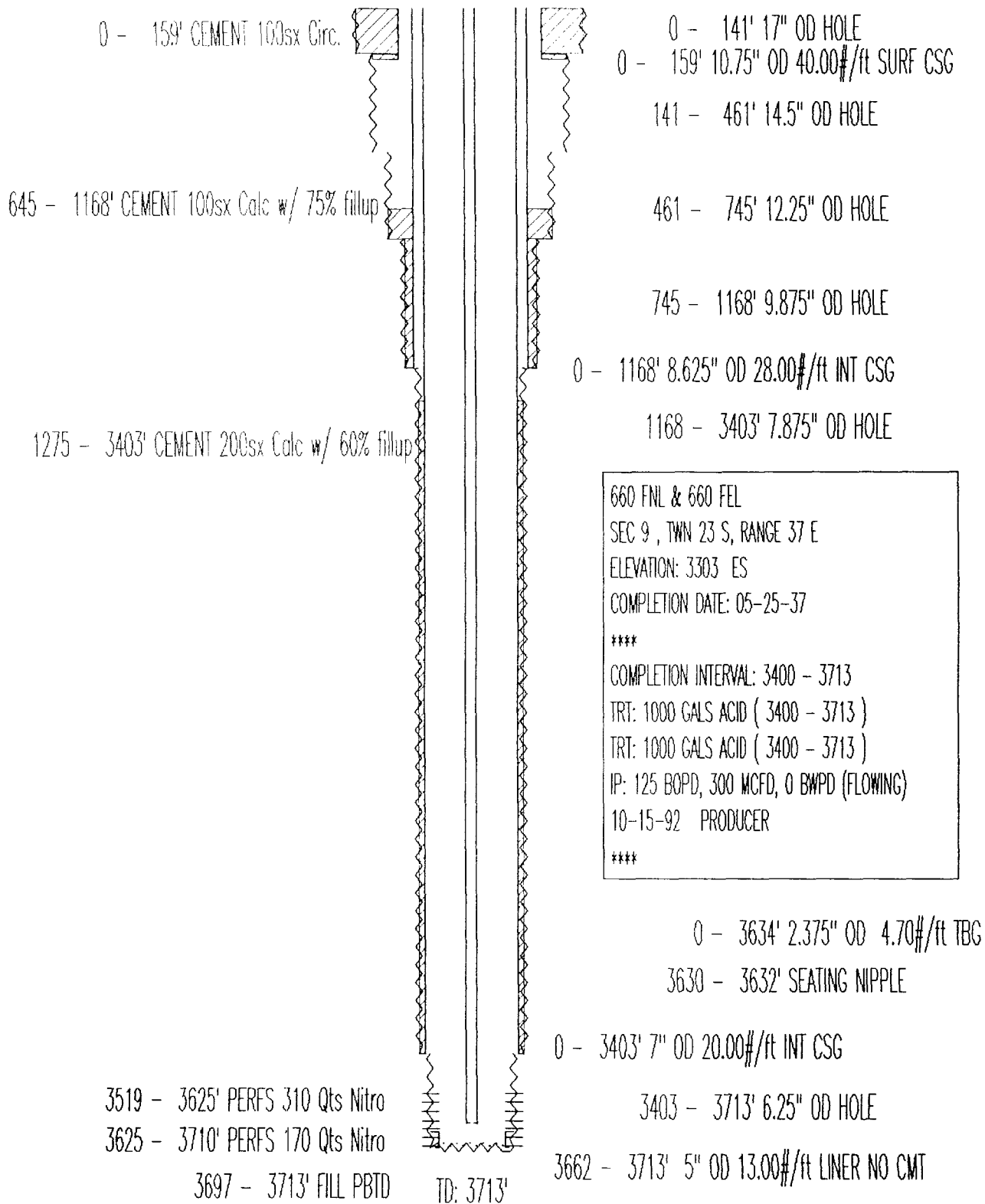
TEXACO EXPL & PROD  
SKELLY PENROSE 'A' UNIT # 66  
API# 3002524820



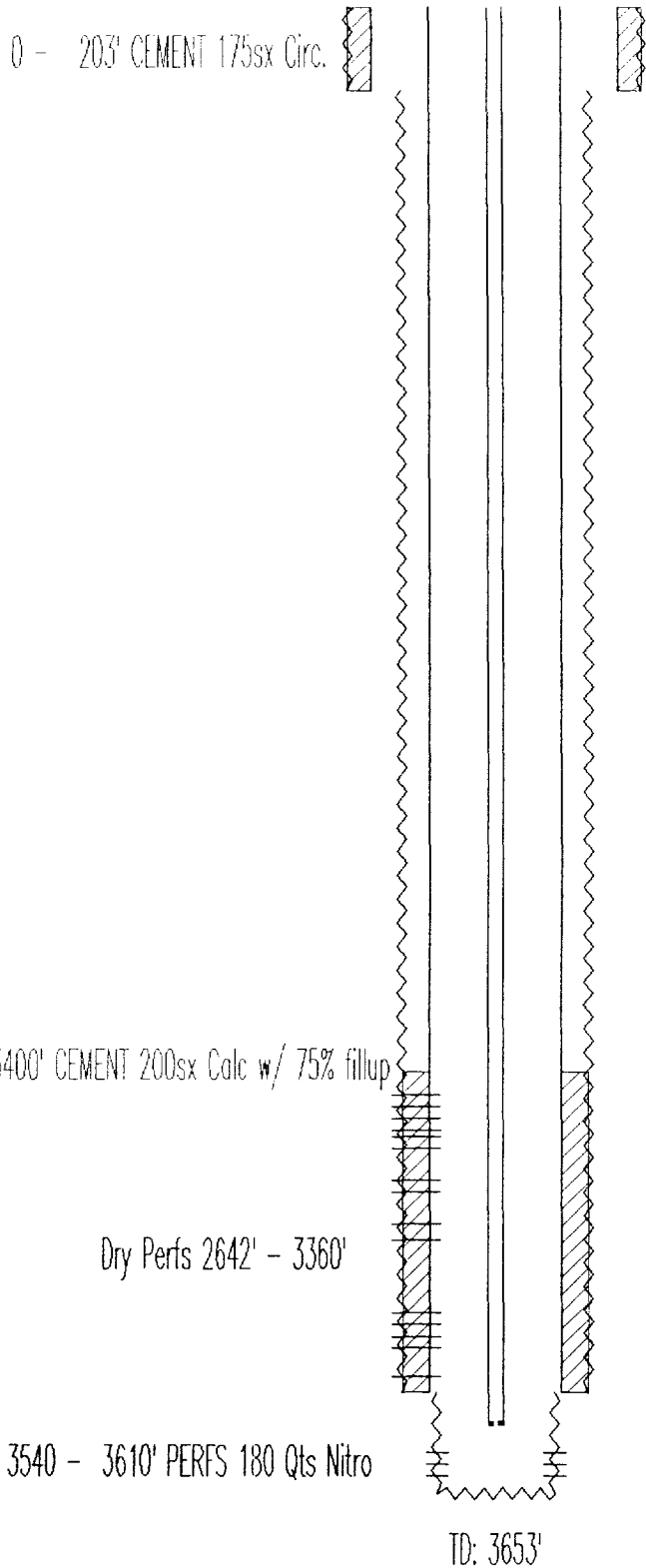
TEXACO EXPL & PROD  
SKELLY PENROSE 'A' UNIT # 36  
API# 3002510620



TEXACO EXPL & PROD  
SKELLY PENROSE 'A' UNIT # 45  
API# 3002510691



TEXACO EXPL & PROD  
 SKELLY PENROSE 'A' UNIT # 41  
 API# 3002510694



0 - 203' CEMENT 175sx Circ.

0 - 203' 15.5 " OD HOLE

0 - 203' 13" OD 40.00#/ft SURF CSG

203 - 3399' 9.875" OD HOLE

660 FNL & 660 FEL  
 SEC 10 , TWN 23 S, RANGE 37 E  
 ELEVATION: 3298 GL  
 COMPLETION DATE: 11-10-36  
 \*\*\*\*  
 COMPLETION INTERVAL: 3400 - 3653  
 IP: 168 BOPD, 0 MCFD, 0 BWPD (FLOWING)  
 03-10-50 PERFED JALMAT, TESTED - DRY  
 07-09-82 PULLED SLOTTED LINER  
 10-15-92 PRODUCER  
 \*\*\*\*

0 - 3476' 2.375" OD 4.70#/ft TBG

3476 - 3487' SEATING NIPPLE

2610 - 3400' CEMENT 200sx Calc w/ 75% fillup

Dry Perfs 2642' - 3360'

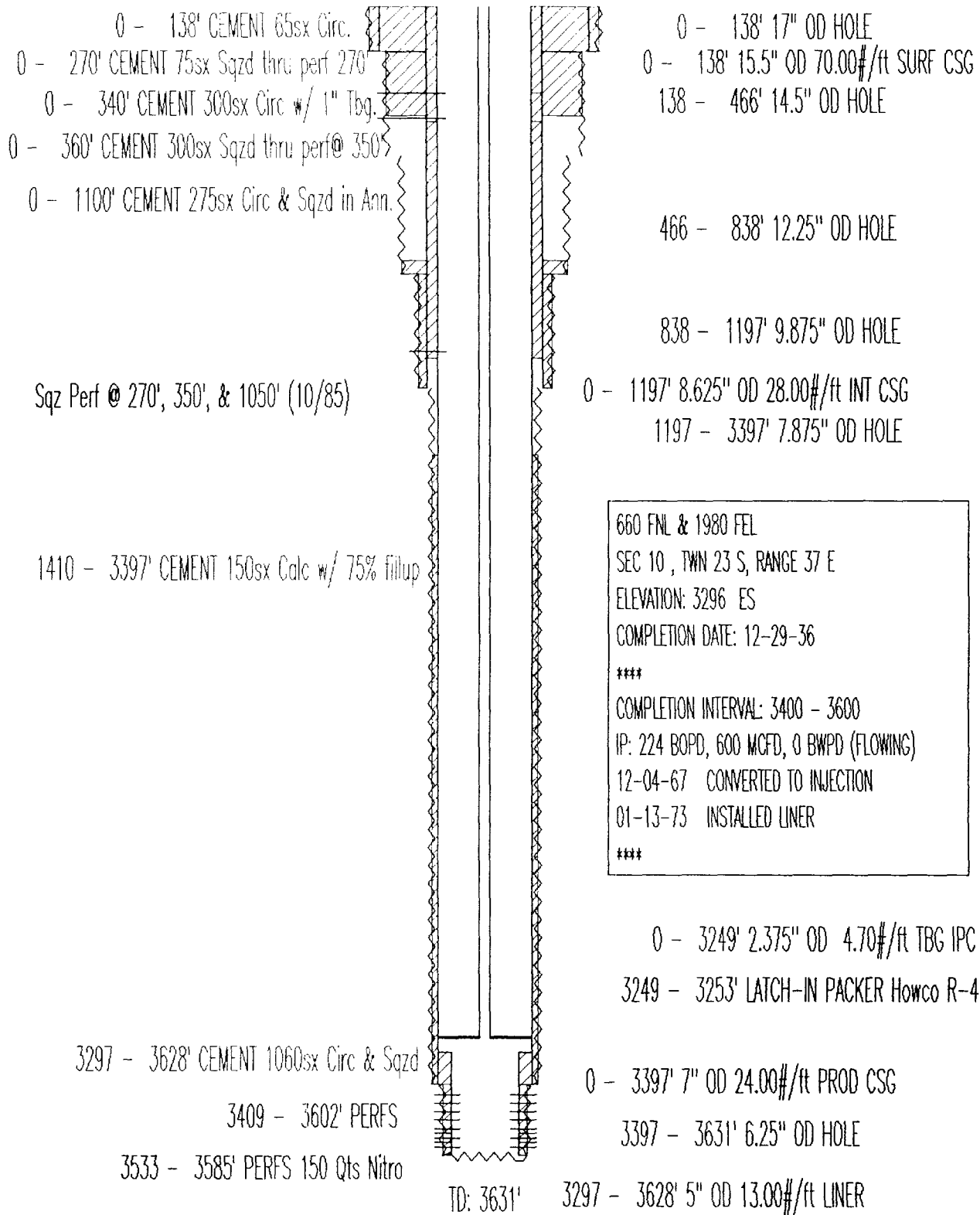
0 - 3399' 7 " OD 24.00#/ft PROD CSG

3399 - 3653' 6.25" OD HOLE

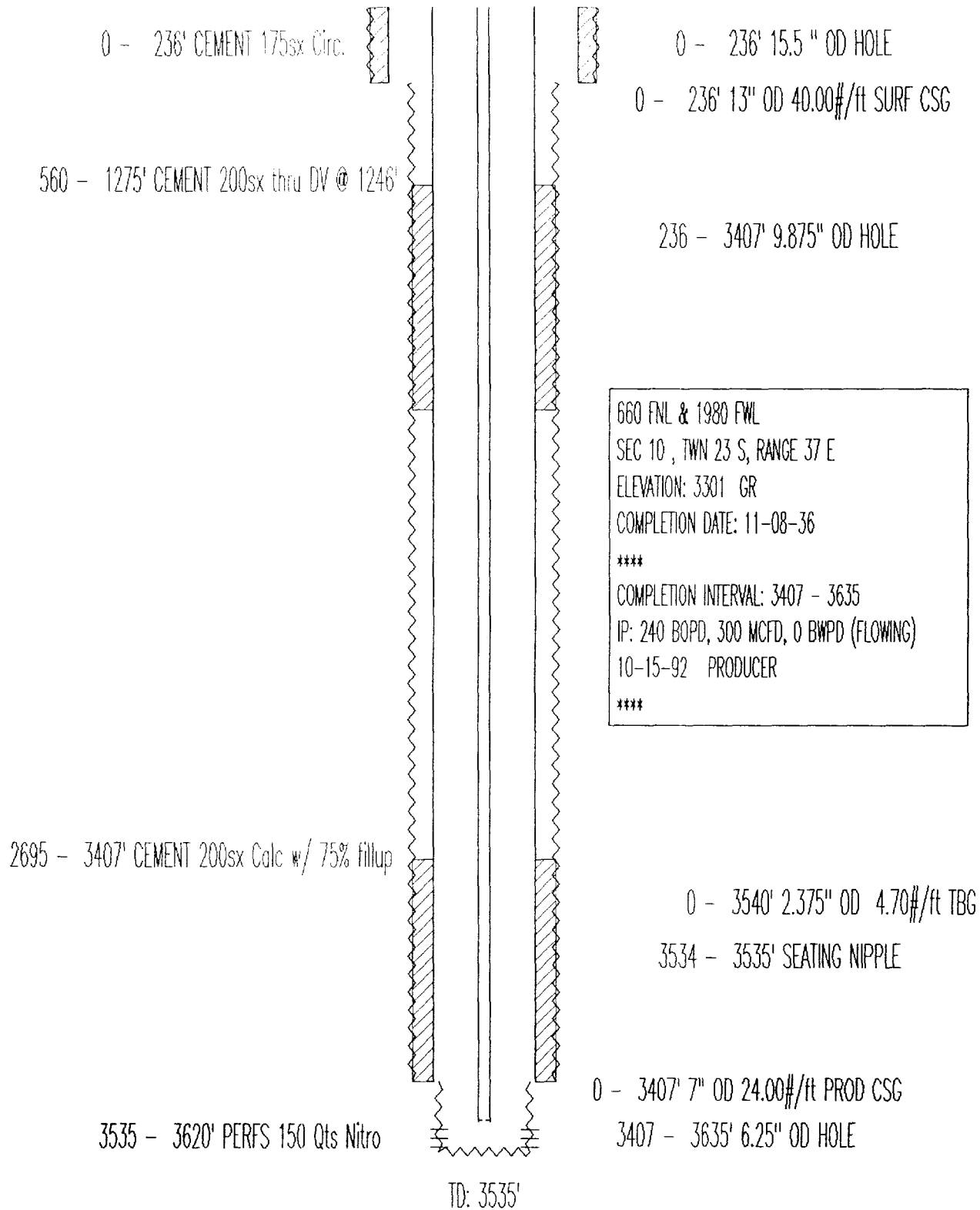
3540 - 3610' PERFS 180 Qts Nitro

TD: 3653'

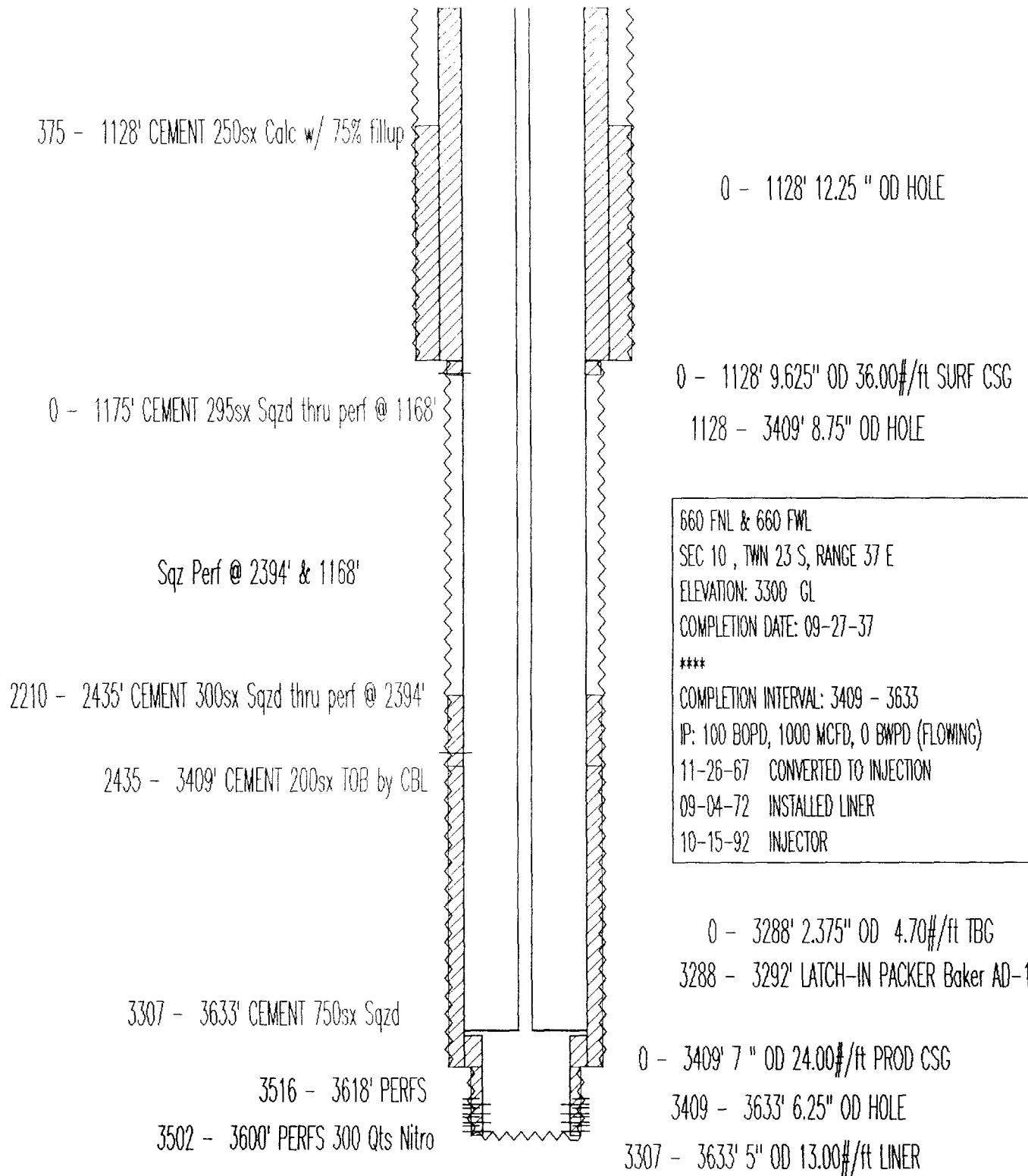
TEXACO EXPL & PROD  
SKELLY PENROSE 'A' UNIT # 42  
API# 3002510706



TEXACO EXPL & PROD  
SKELLY PENROSE 'A' UNIT # 43  
API# 3002510702



TEXACO EXPL & PROD  
SKELLY PENROSE 'A' UNIT # 44  
API# 3002510703



TEXACO EXPL & PROD  
SKELLY PENROSE 'A' UNIT # 49  
API# 3002510705

0 - 370' CEMENT 200sx Circ

0 - 370' 11 " OD HOLE

0 - 370' 8.625" OD 22.70#/ft SURF CSG

370 - 3663' 7.875 " OD HOLE

1980 FNL & 660 FWL

SEC 10 , TWN 23 S, RANGE 37 E

ELEVATION: 3303 GL

COMPLETION DATE: 12-22-57

\*\*\*\*

COMPLETION INTERVAL: 3514 - 3652

TRT: FRAC 40000 GALS 35000 LBS ( 3514 - 3652 )

IP: 40 BOPD, 0 MCFD, 0 BHPD (PUMPING)

10-15-92 PRODUCER

\*\*\*\*

2420 - 3663' CEMENT 250sx TOC by Temp Survey

0 - 3509' 2.375" OD 4.70#/ft TBG

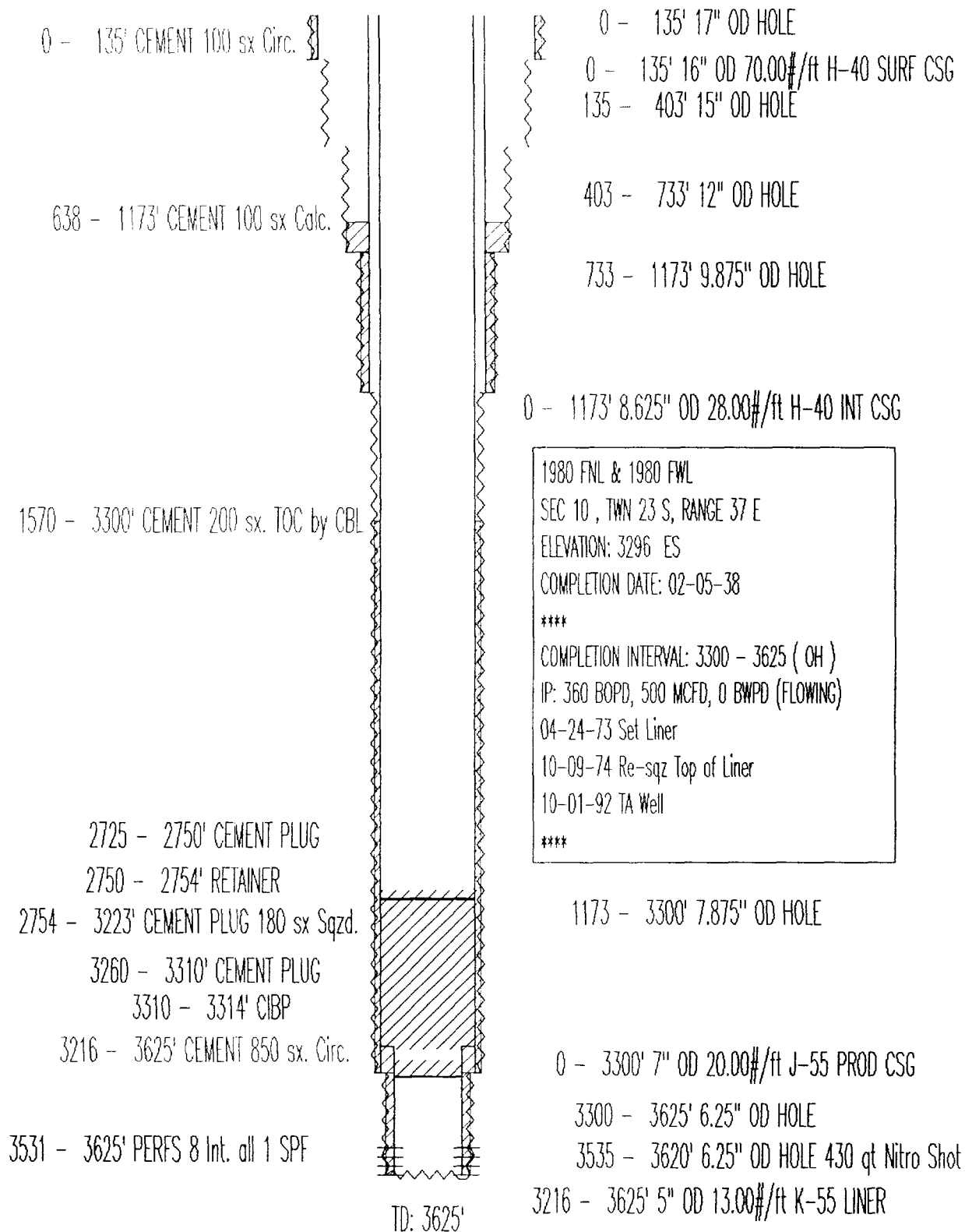
3504 - 3506' SEATING NIPPLE

3514 - 3652' PERFS

0 - 3663' 5.5" OD 14.00#/ft PROD CSG

TD: 3663'

SKELLY OIL  
SKELLY PENROSE 'A' UNIT # 50  
API# 3002510704



TEXACO EXPL & PROD  
 SKELLY PENROSE 'A' UNIT # 51  
 API# 3002510696

0 - 135' CEMENT 100sx Circ  
 0 - 600' CEMENT 950sx Sqzd thru perf @ 596'  
 0 - 645' CEMENT Sqz & Circ. (9/85)  
 645 - 1172' CEMENT 100sx Calc w/ 75% fillup  
 Sqz Perf @ 1225' & 596'  
 600 - 1250' CEMENT 675sx Sqzd thru perf @ 1225'  
 1182 - 3312' CEMENT 200sx Calc w/ 60% fillup

0 - 135' 17" OD HOLE  
 0 - 135' 16" OD 70.00#/ft SURF CSG  
 135 - 448' 14.75" OD HOLE  
 448 - 740' 12.25" OD HOLE  
 740 - 1187' 9.875" OD HOLE  
 0 - 1172' 8.625" OD 28.00#/ft INT CSG  
 1187 - 3312' 7.875" OD HOLE

1980 FNL & 1980 FEL  
 SEC 10 , TWN 23 S, RANGE 37 E  
 ELEVATION: 3295 GL  
 COMPLETION DATE: 09-14-37  
 \*\*\*\*  
 COMPLETION INTERVAL: 3312 - 3625  
 IP: 472 BOPD, 0 MCFD, 0 BWPD (FLOWING)  
 09-11-85 CEMENTED SURFACE CSG  
 10-15-92 PRODUCER  
 \*\*\*\*

0 - 3557' 2.375" OD 4.70#/ft TBG  
 3551 - 3553' SEATING NIPPLE  
 0 - 3312' 7" OD 20.00#/ft PROD CSG  
 3312 - 3625' 6.25" OD HOLE  
 TD: 3625'

TEXACO EXPL & PROD  
SKELLY PENROSE 'A' UNIT # 52  
API# 3002510695

