



OIL CONSERVATION DIVISION
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RELEASE 11.23.92

November 6, 1992

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

Attention: Ben Stone

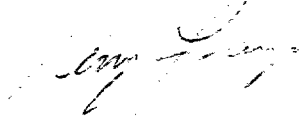
Re: Application for Expansion of Waterflood;
Order R-3314 and R-3914
Texaco Exploration and Production Inc.
Cotton Draw Unit, Paduca Delaware Formation
T-25-S, R-32-E, Lea County, New Mexico

Gentlemen:

Texaco Exploration and Production Inc. respectfully requests administrative approval for the expansion of the Cotton Draw Unit. The six infill wells designated in this application will be drilled for 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 Cotton Draw Unit Waterflood Project covered by R-3314 and R-3914 be expanded to include the conversion of the six infill injection wells. Administration approval is requested so that the necessary operations can be advanced in a prudent manner.

Yours very truly,


Terry L. Frazier
Hobbs Area Manager

TLF:rtm

attachments

III. INJECTION WELL DATA

Cotton Draw Unit, Paduce Delaware Formation

2 - Unit Letter F, 1980'FNL & 1980'FWL, Section 15, T25S, R32E
3 - Unit Letter H, 1980'FNL & 660'FEL, Section 16, T25S, R32E
11 - Unit Letter N, 660'FSL & 1980'FWL, Section 15, T25S, R32E
19 - Unit Letter N, 660'FSL & 1980'FWL, Section 10, T25S, R32E
26 - Unit Letter H, 1980'FNL & 660'FEL, Section 21, T25S, R32E
30 - Unit Letter F, 1980'FNL & 1980'FWL, Section 21, T25S, R32E

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, Cotton Draw Unit - Delaware Sand Participating Area, 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 Cotton Draw Unit waterflood was developed under NMOCD Order R-3314 dated September 11, 1967 and expansion Order R-3914 dated January 29, 1970. Since completion of the original hearing, only one new wells has been completed to the subject horizon within the subject area of review. This well is Cotton Draw Unit # 75.

Cotton Draw Unit well #75 was drilled in September 1982, as a replacement well for Cotton Draw Unit # 5 which had been plugged and abandoned. All pertinent data from this previously not submitted well is attached to this application.

However, to date the following wells Cotton Draw Unit wells have been plugged and abandoned :

T-25-S, R-32-E

Section 9 : CDU wells : 2, 34
Section 10 : CDU wells : 39(EF. Ray #2), 66
Section 15 : CDU well : 5
Section 16 : wells : (Bradley #3), (Cont. St #1)

Section 28 : CDU well : 45, 53 (Jordan #15), 50,
54 (Jordan #16), Sena #1, Sena #2
Section 29 : CDU well : 55, Cont. Fed "29" #1

VI. AREA OF REVIEW (continued)

The Cotton Draw Unit - Delaware Sand Participating 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.

This application is pursuant to development of producible reserves that are unrecoverable under the current waterflood pattern. A schematic of the current waterflood pattern and the proposed waterflood pattern is attached in the following 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 1800 psi plant operating pressure. The average wellhead injection pressure will not exceed 1100 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 8000 gallons of 20% NEFE HCl acid with a mutual solvent additive included in the treatments. 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.



CONSERVATION
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT
OIL CONSERVATION DIVISION

STATE OF NEW MEXICO

ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION



BRUCE KING
GOVERNOR

ANITA LOCKWOOD
CABINET SECRETARY

December 1, 1992

Texaco Exploration and Production, Inc.
P.O. Box 730
Hobbs, New Mexico 88241

Attn: Terry L. Frazier

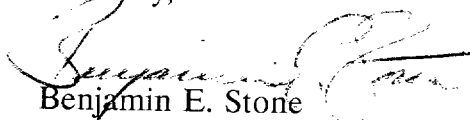
RSP	_____	JK
MCA	_____	HK
DDD	_____	POST OFFICE BOX 2088
RBD	_____	STATE LAND OFFICE BUILDING
MCD	_____	SANTA FE, NEW MEXICO 87504
REH	_____	PH (505) 827-5800
LWJ	_____	IDL
WTL	_____	CPM
DLM	_____	MGR
RTM	_____	SDH
TWM	_____	JY
LDR	_____	HMC
RJR	_____	OLH
SGW	_____	PWL
CES	_____	RWD
WELL FILE		
COMP FILE		

RE: Waterflood Expansion
Application, Cotton Draw Unit

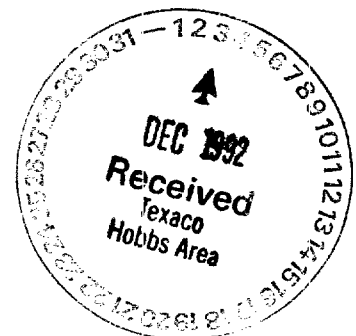
Dear Mr. Frazier,

Please sign the enclosed C-108. Thank you.

Sincerely,


Benjamin E. Stone
Engineering Tech II

/BS



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-3314 ; R- 3914 .

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: T. Frazier Date: 12/31/92

* 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-3314; Sept. 11 , 1967 ; R - 3914 Jan. 29, 1970

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 INC
COTTON DRAW UNIT NO. 2
API# 3002508183

0 - 372' CEMENT 250 sx Circ.

0 - 372' 10.75" OD HOLE

0 - 372' 9.625" OD 25.50#/ft SURF CSG

372 - 4811' 7.875" OD HOLE

1980 FNL & 1980 FWL

SEC 15 , TWN 25 S, RANGE 32 E

ELEVATION: 3441 DF

COMPLETION DATE: 10-25-60

COMPLETION INTERVAL: 4674 - 4693 (DLSD)

IP: 108 BOPD, 0 MCFD, 4 BWPD (FLOWING)

05-12-88 T&A'd

10-12-92 PROPOSED CONVERSION TO INJECTION

4090 - 4811' CEMENT 150sx TOC by Temp. Survey

0 - 4575' 2.375" OD 4.70#/ft TBG

4575 - 4679' LATCH-IN PACKER Baker AD1

4674 - 4744' PERFS

0 - 4811' 4.5" OD 9.50#/ft PROD CSG

TD: 4811'

TEXACO INC
COTTON DRAW UNIT NO. 3
API# 3002508194

III. WELL DATA
PROPOSED INJECTOR

0 - 367' CEMENT 235 sx Circ.

0 - 367' 12.25" OD HOLE

0 - 367' 8.625" OD 24.00#/ft SURF CSG

367 - 4778' 6.75" OD HOLE

1980 FNL & 660 FEL
SEC 16 , TWN 25 S, RANGE 32 E
ELEVATION: 3443 DF
COMPLETION DATE: 11-01-60

COMPLETION INTERVAL: 4663 - 4686 (DLSO)
IP: 75 BOPD, 0 MCFD, 0 BWPD (FLOWING)
10-12-92 PRODUCER
PROPOSED INJECTOR

3750 - 4778' CEMENT 150sx Calc. w/ 75% r/lup

0 - 4600' 2.375" OD 4.70#/ft TBG IPC

4600 - 4604' LATCH-IN PACKER Baker AD1

4663 - 4700' PERFS

0 - 4778' 4.5" OD 9.50#/ft PROD CSG

TD: 4778'

III. WELL DATA
PROPOSED INJECTOR

TEXACO INC
COTTON DRAW UNIT NO. 11
API# 3002508187

0 - 371' CEMENT 300 sx Circ.

0 - 371' 9.875" OD HOLE

0 - 371' 7.625" OD 24.00#/ft SURF CSG

371 - 4727' 6.75" OD HOLE

660 FSL & 1980 FWL

SEC 15 , TWN 25 S, RANGE 32 E

ELEVATION: 3428 DF

COMPLETION DATE: 12-19-60

COMPLETION INTERVAL: 4674 - 4700 (DLSD)

TRT: 1250 GALS ACID (4674 - 4700)

IP: 92 BOPD, 0 MCFD, 0 BWPD (FLOWING)

05-13-88 T&A'd

10-12-92 PROPOSED CONVERSION TO INJECTION

3700 - 4726' CEMENT 150sx Calc. w/ 75% fillup

0 - 4650' 2.375" OD 4.70#/ft TBG

4650 - 4654' LATCH-IN PACKER Baker AD1

4674 - 4700' PERFS

4690 - 4726' CEMENT PLUG PBTD

TD: 4727'

0 - 4726' 4.5" OD 9.50#/ft PROD CSG

III. WELL DATA
PROPOSED INJECTOR

TEXACO INC
COTTON DRAW UNIT NO. 19
API# 3002508175

0 - 335' CEMENT 250 sx Circ.

0 - 335' 9.875" OD HOLE

0 - 335' 7.625" OD 24.00#/ft SURF CSG

335 - 4771' 6.75" OD HOLE

660 FSL & 1980 FWL

SEC 10 , TWN 25 S, RANGE 32 E

ELEVATION: 3455 DF

COMPLETION DATE: 01-05-71

COMPLETION INTERVAL: 4704 - 4722 (DLSO)

TRT: 500 GALS ACID (4704 - 4722)

IP: 198 BOPD, 0 MCFD, 0 BWPD (PUMPING)

10-12-92 PROPOSED INJECTION WELL

3750 - 4770' CEMENT 150sx Circ. w/ 75% fillup

0 - 4650' 2.375" OD 4.70#/ft TBG

4650 - 4654' LATCH-IN PACKER

4704 - 4722' PERFS

0 - 4771' 4.5" OD 9.50#/ft PROD CSG

TD: 4771'

III. WELL DATA
PROPOSED INJECTOR

TEXACO INC
COTTON DRAW UNIT NO. 26
API# 3002508204

0 - 392' CEMENT 325 sx Circ.

0 - 392' 12.25" OD HOLE

0 - 392' 8.625" OD 24.00#/ft SURF CSG

392 - 4784' 7.875 " OD HOLE

1980 FNL & 660 FEL

SEC 21 , TWN 25 S, RANGE 32 E

ELEVATION: 3419 DF

COMPLETION DATE: 02-03-61

COMPLETION INTERVAL: 4632 - 4663 (DLSD)

IP: 65 BOPD, 0 MCFD, 0 BWPD (FLOWING)

03-15-82 T&A'd

10-12-92 PROPOSED CONVERSION TO INJECTION

4138 - 4778' CEMENT 150sx TOC by Temp Survey

0 - 4575' 2.375" OD 4.70#/ft TBG

4632 - 4663' PERFS

4575 - 4579' LATCH-IN PACKER Baker AD1

4750 - 4778' CEMENT PLUG PBTD

0 - 4778' 4.5" OD 9.50#/ft PROD CSG

TD: 4784'

III. WELL DATA.
PROPOSED INJECTOR

TEXACO INC
COTTON DRAW UNIT NO. 30
API# 3002508208

0 - 393' CEMENT 300 sx Circ.

0 - 393' 9.875" OD HOLE

0 - 393' 7.625" OD 24.00#/ft SURF CSG

393 - 4756' 6.75" OD HOLE

1980 FNL & 1980 FWL

SEC 21 , TWN 25 S, RANGE 32 E

ELEVATION: 3414 DF

COMPLETION DATE: 02-23-61

COMPLETION INTERVAL: 4586 - 4642 (DLSD)

IP: 66 BOPD, 0 MCFD, 0 BWPD (FLOWING)

10-10-84 T&A'd

10-12-92 PROPOSED CONVERSION TO INJECTION

3730 - 4752' CEMENT 150sx Calc. w/ 75% filup

0 - 4525' 2.375" OD 4.70#/ft TBG

4525 - 4529' LATCH-IN PACKER Sucker AD1

4586 - 4642' PERFS

4727 - 4752' CEMENT PLUG PBTD

TD: 4756'

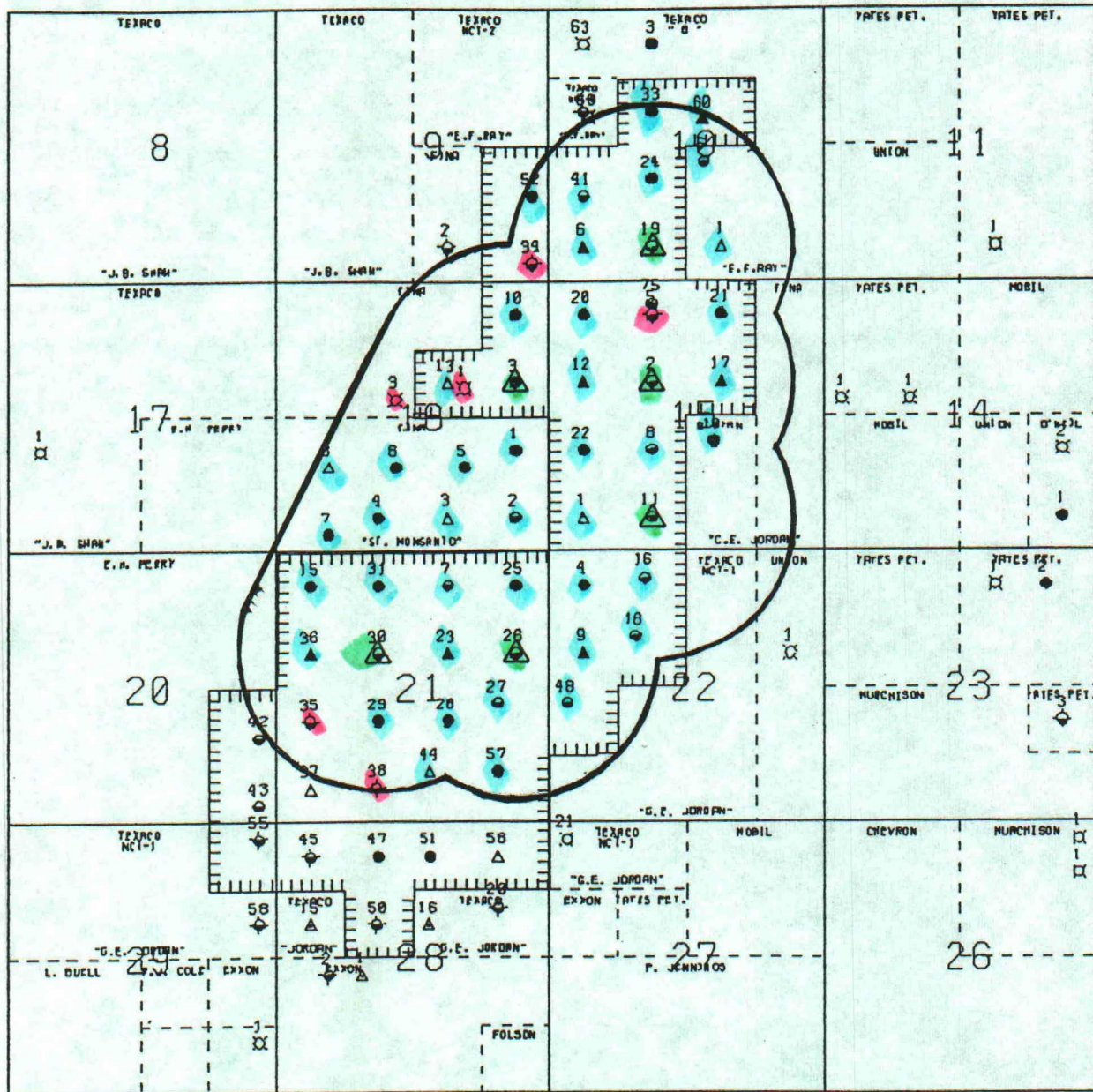
0 - 4752' 4.5" OD 9.50#/ft PROD CSG

B. MAPS OF SUBJECT AREA

AOR = 48
P&A = 6

V. Cotton Draw Unit - Area of Review

R-32-E



T-25-S

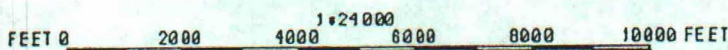
△ PROPOSED CONVERSIONS TO INJECTION

LEGEND	
● OIL PRODUCER	○ SHUT-IN OIL PRODUCER
▲ WATER INJECTOR	△ SHUT-IN WATER INJECTOR
◐ P&A'D PRODUCER	
◑ P&A'D INJECTOR	
○ LOCATION	
⊗ DRY HOLE	

STATUS: 12/31/91

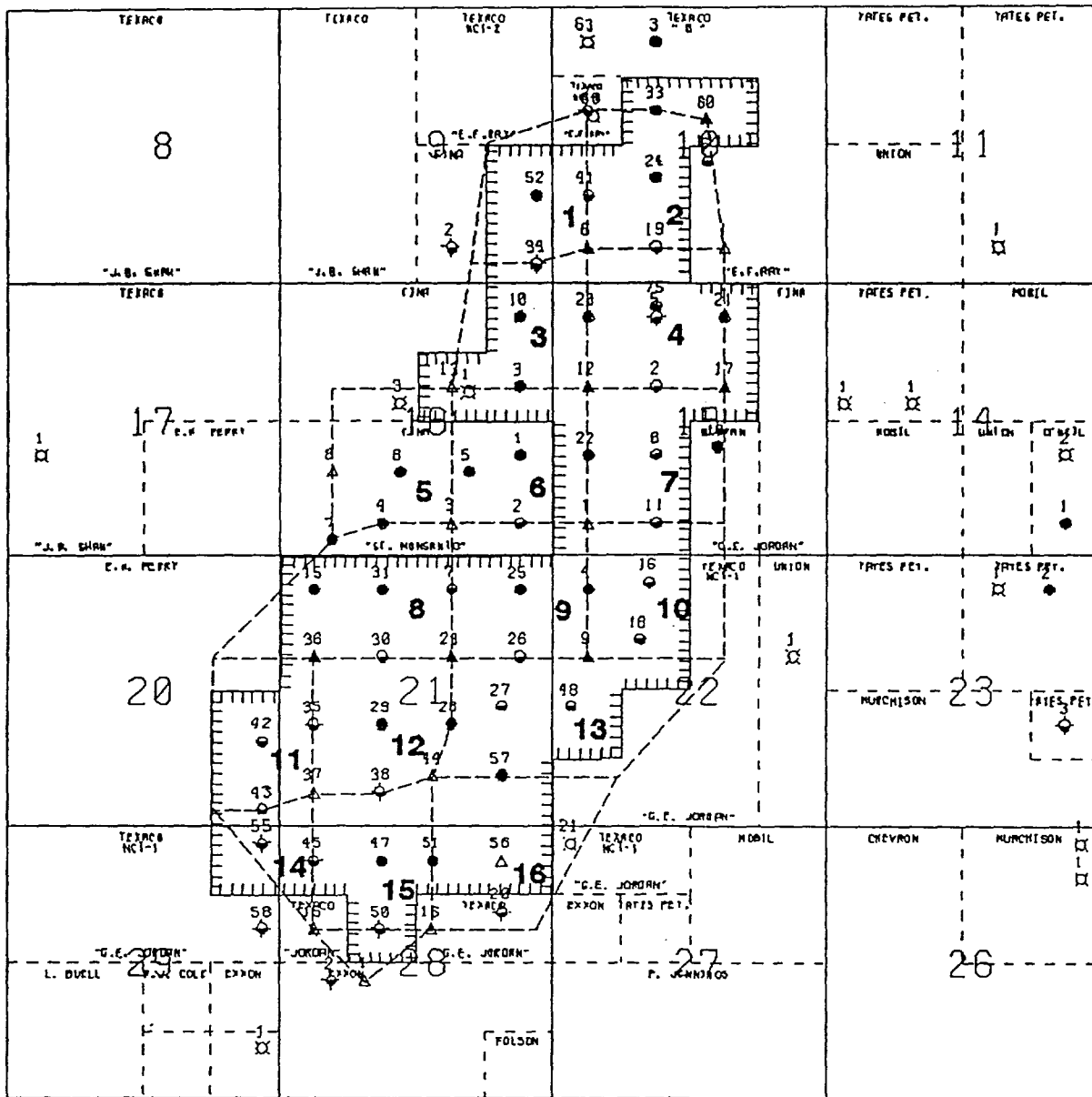
COTTON DRAW UNIT

DELAWARE SAND PARTICIPATING AREA



CURRENT WATERFLOOD PATTERN

R-32-E



T-25-S

LEGEND	
● OIL PRODUCER	○ SHUT-IN OIL PRODUCER
▲ WATER INJECTOR	△ SHUT-IN WATER INJECTOR
◆ P&O PRODUCER	
◇ P&O INJECTOR	
○ LOCATION	
⊗ DRY HOLE	

STATUS: 12/31/91

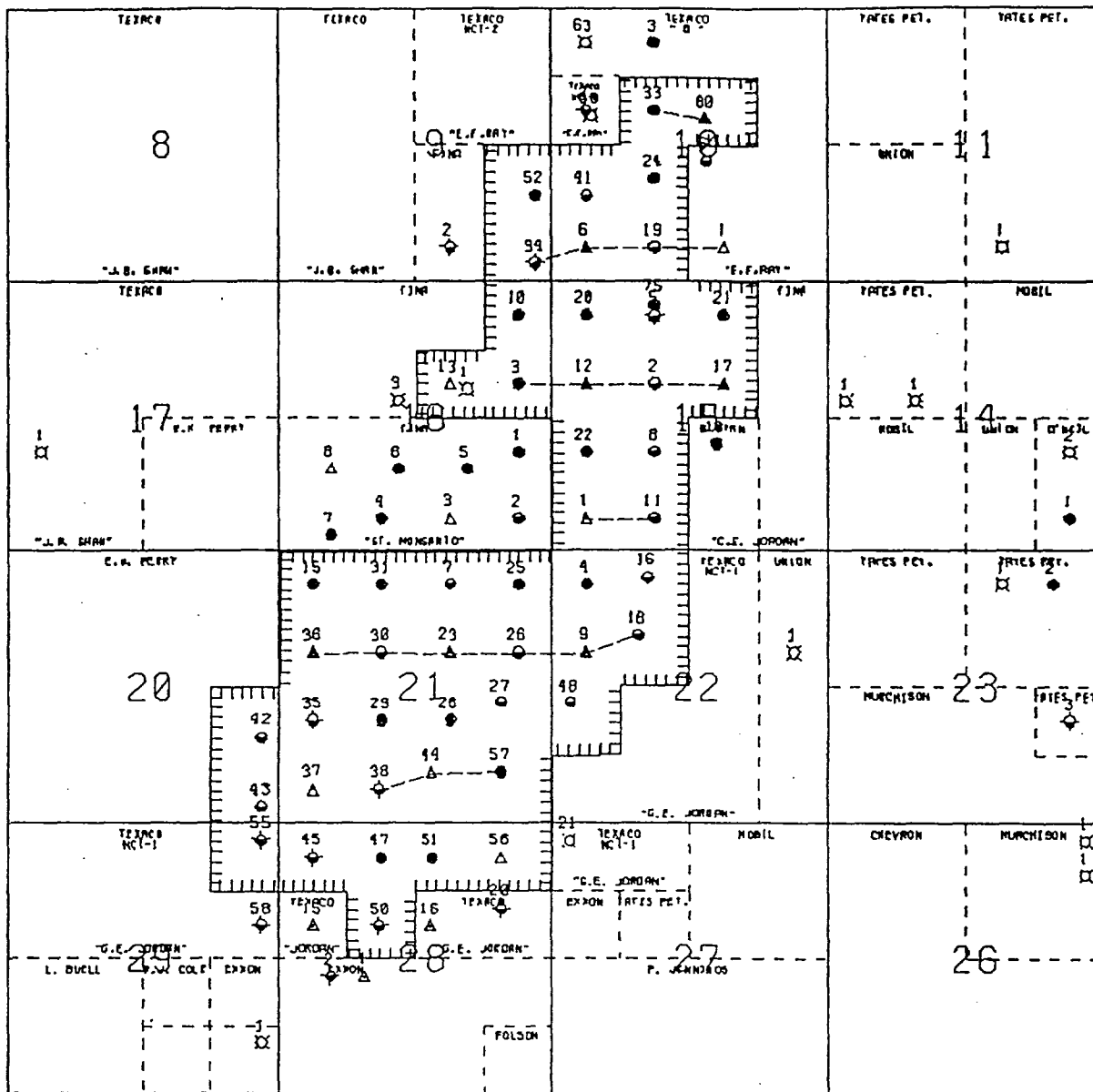
COTTON DRAW UNIT

INVERTED NINE SPOT PATTERN

FEET 0 2000 4000 6000 8000 10000 FEET

PROPOSED WATERFLOOD EXPANSION (MODIFICATION)

R-32-E



T-25-S

LEGEND

- OIL PRODUCER
- ▲ WATER INJECTOR
- P&O PRODUCER
- △ P&O INJECTOR
- LOCATION
- ⊗ DRY HOLE
- SHUT-IN OIL PRODUCER
- △ SHUT-IN WATER INJECTOR

STATUS: 12/31/91

COTTON DRAW UNIT

LINE DRIVE PATTERN DEVELOPMENT

FEET 0 2000 4000 6000 8000 10000 FEET

C. TABULATION OF WELLS IN AREA OF REVIEW

— SCHEMATICS OF WELLS

VI. COTTON DRAW UNIT – Tabulation of data

COTTON DRAW UNIT DELAWARE SAND PARTICIPATING AREA LEA COUNTY, NEW MEXICO

T-25-S , R-32-E

SECTION 9

<u>UNIT LETTER</u>	<u>WELL NAME & NO.</u>	<u>TD</u>	<u>STATUS</u>	<u>WELLBORE DIAGRAM</u>
I	Cotton Draw Unit # 52	4829'	Producer	Included
O	E.F. Ray Fed #2	4800'	P & A	Included
P	Cotton Draw Unit # 34	4850'	P & A	Included

SECTION 10

<u>UNIT LETTER</u>	<u>WELL NAME & NO.</u>	<u>TD</u>	<u>STATUS</u>	<u>WELLBORE DIAGRAM</u>
C	E.F. Ray NCT-1 "B" # 3	4815'	Producer	N/A
D	Cotton Draw Unit # 63	4910'	T A	N/A
E	E.F. Ray NCT-2 # 2	4850'	P & A	Included
E	Cotton Draw Unit # 66	15,769'	P & A	Included
F	Cotton Draw Unit # 33	4791'	Producer	Included
G	Cotton Draw Unit # 60	4896'	Injector	Included
J	E.F. Ray NCT-1 "B" # 6	4775'	S I – O	Included
K	Cotton Draw Unit # 24	4787'	Producer	Included
L	Cotton Draw Unit # 41	4825'	T A	Included
M	Cotton Draw Unit # 6	4795'	Injector	Included
N	Cotton Draw Unit # 19	4771'	T A	Included
O	E.F. Ray NCT-1 "B" # 1	4800'	S I – Inj.	Included

SECTION 15

<u>UNIT LETTER</u>	<u>WELL NAME & NO.</u>	<u>TD</u>	<u>STATUS</u>	<u>WELLBORE DIAGRAM</u>
B	Cotton Draw Unit # 21	4798'	Producer	Included
C	Cotton Draw Unit # 5	4851'	P & A	Included
C	Cotton Draw Unit # 75	4750'	T A	Included
D	Cotton Draw Unit # 20	4745'	Producer	Included
E	Cotton Draw Unit # 12	4743'	Injector	Included
F	Cotton Draw Unit # 2	4811'	T A	Included
G	Cotton Draw Unit # 17	4774'	Injector	Included
J	G.E. Jordan NCT-1 # 10	4780'	Producer	Included
K	Cotton Draw Unit # 8	4730'	T A	Included
L	Cotton Draw Unit # 22	4774'	Producer	Included
M	Cotton Draw Unit # 1	4805'	Injector	Included
N	Cotton Draw Unit # 11	4727'	T A	Included

SECTION 16

<u>UNIT LETTER</u>	<u>WELL NAME & NO.</u>	<u>TD</u>	<u>STATUS</u>	<u>WELLBORE DIAGRAM</u>
A	Cotton Draw Unit # 10	4836'	Producer	Included
F	E. L. Bradley State # 3	559'	P & A	Included
G	Cotton Draw Unit # 13	4796'	T A	Included
G	Continental State # 1	4717'	P & A	Included
H	Cotton Draw Unit # 3	4778'	Producer	Included
I	Monsanto St. # 1	4771'	Producer	Included
J	Monsanto St. # 5	4792'	Producer	Included
K	Monsanto St. # 6	4739'	Producer	Included
L	Monsanto St. # 8	4750'	S I - Inj.	Included
M	Monsanto St. # 7	4700'	Producer	Included
N	Monsanto St. # 4	4715'	Producer	Included
O	Monsanto St. # 3	4736'	S I - Inj.	Included
P	Monsanto St. # 2	4768'	S I - O	Included

SECTION 20

<u>UNIT LETTER</u>	<u>WELL NAME & NO.</u>	<u>TD</u>	<u>STATUS</u>	<u>WELLBORE DIAGRAM</u>
I	Cotton Draw Unit # 42	4735'	T A	Included
P	Cotton Draw Unit # 43	4765'	T A	N/A

SECTION 21

<u>UNIT LETTER</u>	<u>WELL NAME & NO.</u>	<u>TD</u>	<u>STATUS</u>	<u>WELLBORE DIAGRAM</u>
A	Cotton Draw Unit # 25	4790'	Producer	Included
B	Cotton Draw Unit # 7	4734'	T A	Included
C	Cotton Draw Unit # 31	4755'	Producer	Included
D	Cotton Draw Unit # 15	5017'	Producer	Included
E	Cotton Draw Unit # 36	4685'	Injector	Included
F	Cotton Draw Unit # 30	4756'	T A	Included
G	Cotton Draw Unit # 23	4747'	Injector	Included
H	Cotton Draw Unit # 26	4784'	T A	Included
I	Cotton Draw Unit # 27	4767'	T A	Included
J	Cotton Draw Unit # 28	4787'	Producer	Included
K	Cotton Draw Unit # 29	4735'	Producer	Included
L	Cotton Draw Unit # 35	4734'	P & A	Included
M	Cotton Draw Unit # 37	4784'	T A	Included
N	Cotton Draw Unit # 38	4754'	P & A	Included
O	Cotton Draw Unit # 44	4799'	T A	Included
P	Cotton Draw Unit # 57	4707'	Producer	Included

SECTION 22

<u>UNIT LETTER</u>	<u>WELL NAME & NO.</u>	<u>TD</u>	<u>STATUS</u>	<u>WELLBORE DIAGRAM</u>
C	Cotton Draw Unit # 16	4763'	S I - O	Included
D	Cotton Draw Unit # 4	4760'	Producer	Included
E	Cotton Draw Unit # 9	4717'	Injector	Included
F	Cotton Draw Unit # 18	4755'	T A	Included
H	Paduca Federal Unit Com # 1	15,850'	Producer	N/A
L	Cotton Draw Unit # 48	4756'	T A	Included

SECTION 27

<u>UNIT LETTER</u>	<u>WELL NAME & NO.</u>	<u>TD</u>	<u>STATUS</u>	<u>WELLBORE DIAGRAM</u>
D	G.E. Jordan Fed. NCT-1 # 21	4693'	T A	N/A

SECTION 28

<u>UNIT LETTER</u>	<u>WELL NAME & NO.</u>	<u>TD</u>	<u>STATUS</u>	<u>WELLBORE DIAGRAM</u>
A	Cotton Draw Unit # 56	4760'	T A	N/A
B	Cotton Draw Unit # 51	4744'	Producer	N/A
C	Cotton Draw Unit # 47	4780'	Producer	N/A
D	Cotton Draw Unit # 45	4753'	P & A	N/A
E	G.E. Jordan Fed. NCT-1 # 15	4738'	P & A	N/A
F	Cotton Draw Unit # 50	4770'	P & A	N/A
G	G.E. Jordan Fed. NCT-1 # 16	4770'	P & A	N/A
H	G.E. Jordan Fed. NCT-1 # 20	4795'	T A	N/A
K	J.D. Sena, Jr. Federal # 1	4755'	P & A	N/A
L	J.D. Sena, Jr. USA # 2	4704'	P & A	N/A

SECTION 29

<u>UNIT LETTER</u>	<u>WELL NAME & NO.</u>	<u>TD</u>	<u>STATUS</u>	<u>WELLBORE DIAGRAM</u>
A	Cotton Draw Unit # 55	4727'	P & A	N/A
H	Cotton Draw Unit # 58	4622'	T A	N/A
P	Continental Federal 29 # 1	4721'	P & A	N/A

COTTON DRAW UNIT - GENERAL WELL INFORMATION

CURRENT WELL NAME	ORIGINAL WELL NAME	ORIGINAL OPERATOR	UNIT DESIG	SEC. T 25 S R 32 E	API NO. 30-025-
CDU #1	G.E. JORDAN USA #1	TENN. GAS TRANS.	M	15	08182
CDU #2	G.E. JORDAN USA #2	TENN. GAS TRANS.	F	15	08183
CDU #3	ST. E.L. BRADLEY 1	TENN. GAS TRANS.	H	16	08194
CDU #4	G.E. JORDAN FED. NO. 1	TEXACO	D	22	08221
CDU #5	G.E. JORDAN NO. 3	TENN. GAS & OIL CO.	C	15	08186
CDU #6	EMILY FLINT RAY USA #1	TENN. GAS TRANS.	M	10	08170
CDU #7	EUGENE H. PERRY USA #1	TENN. GAS TRANS.	B	21	08215
CDU #8	G.E. JORDAN FED NCT-1 #2	TEXACO	K	15	08185
CDU #9	G.E. JORDAN FED. NO. 3	TEXACO	B	22	08222
CDU #10	STATE BRADLEY #2	TENN. GAS & OIL CO.	A	16	08195
CDU #11	G.E. JORDAN FED. NO. 4	TEXACO	N	15	08187
CDU #12	G.E. JORDAN FED. NCT-2 #1	TEXACO	B	15	08190
CDU #13	BRADLEY 16 #1 (ST Z-16 #1)	CONTINENTAL OIL CO.	G	16	08193
EMILY FLINT RAY-FED NO. 2	E.F. RAY FED 2 (CDU #14)	TENN. GAS TRANS.	O	9	08167
CDU #15	E.H. PERRY USA #2	TENN. GAS & OIL CO.	D	21	08216
CDU #16	G.E. JORDAN-FED NCT-1 NO.5	TEXACO	C	22	08223
CDU #17	G.E. JORDAN FED NCT-1 #6	TEXACO	G	15	08188
CDU #18	CDU # 18	TEXACO	F	22	08219
CDU #19	E.F. RAY FED NCT NO. 1	TEXACO	N	10	08175
CDU #20	G.E. JORDAN-FED NCT-2 #2	TEXACO	D	15	08191
CDU #21	G.E. JORDAN FED NCT-1 #8	TEXACO	B	15	08189
CDU #22	G.E. JORDAN USA #4	TENN. GAS & OIL CO.	L	15	08192
CDU #23	E.H. PERRY-USA #3	TENN. GAS TRANS. CO.	G	21	08217
CDU #24	E.F. RAY FED NCT-1 #2	TEXACO	K	10	08176
CDU #25	PERRY FED. #1	PANTHER CITY INV. CO.	A	21	08203
CDU #26	PERRY FED. #2	PANTHER CITY INV. CO.	H	21	08204
CDU #27	PERRY FED #27	PANTHER CITY INV. CO.	I	21	08205
CDU #28	PERRY FED. #4	PANTHER CITY INV. CO.	J	21	08206
CDU #29	PERRY FED. #5	PANTHER CITY INV. CO.	K	21	08207
CDU #30	PERRY FED. #6	PANTHER CITY INV. CO.	F	21	08208
CDU #31	PERRY FED. #7	PANTHER CITY INV. CO.	C	21	08209
E.F. RAY FED. "B" NO. 1	E.F. RAY FED. B NO. 1 (CDU #32)	TEXACO	O	10	08173
CDU #33	E.F RAY FED B NO. 2	TEXACO	F	10	08174

COTTON DRAW UNIT - GENERAL WELL INFORMATION

CURRENT WELL NAME	ORIGINAL WELL NAME	ORIGINAL OPERATOR	UNIT DESIG.	SEC. T 25 S R 32 E	API NO. 30-025-
CDU #34	E.F. RAY NCT-2 NO. 1	TEXACO	P	9	08168
CDU #35	PERRY FED. #35	PANTHER CITY INV. CO.	L	21	08210
CDU #36	E.H. PERRY USA #36	TENNECO	E	21	08213
CDU #37	PERRY FED. #37	PANTHER CITY INV. CO.	M	21	08211
CDU #38	PERRY FED. #38	PANTHER CITY INV. CO.	N	21	08212
E.F. RAY NCT-2 #2	CDU #39	TEXACO	B	10	08177
E.F. RAY #3 "B" NCT-2	CDU #40	TEXACO	?	10	08178
CDU #41	EMILY FLINT RAY USA #41	TENNECO	L	10	08179
CDU #42		PERRY R. BASS	I	20	08201
CDU #43	PERRY FED. #43	PERRY R. BASS	P	20	08202
CDU #44	PERRY FED. #44	PERRY R. BASS	O	21	08214
CDU #45	CDU #45	TEXACO	D	28	08229
G.E. JORDAN #10	CDU #46	TEXACO	J	15	08184
CDU #47	CDU #47	TEXACO	C	28	08231
CDU #48	CDU #48	TEXACO	L	22	08220
CDU #49	CDU #49	TEXACO	J	3	
CDU #50	CDU #50	TEXACO	F	28	08230
CDU #51	CDU #51	TEXACO	B	28	08232
CDU #52	CDU #52	TEXACO	I	9	08169
G.E. JORDAN FED NCT-1 #15	CDU #53	TEXACO	B	28	08233
G.E. JORDAN FED NCT-1 #16	CDU #54	TEXACO	G	28	08234
CDU #55	CDU #55	TEXACO	A	29	08235
CDU #56	CDU #56	TEXACO	A	28	08236
CDU #57	CDU #57	TEXACO	P	21	08218
CDU #58	CDU #58	TEXACO	H	29	08237
G.E. JORDAN - FED NCT-1 #20	CDU #59	TEXACO	H	28	08238
CDU #60	CDU #60	TEXACO	G	10	08171
G.E. JORDAN FED. NCT-1 #21	CDU #61	TEXACO	D	27	08226
E.F. RAY FED. B #6	CDU #62	TEXACO	J	10	08172
CDU #63	CDU #63	TEXACO	D	10	20120
CDU #75	CDU #75	TEXACO	C	15	27873
MONSANTO ST. #1	MONSANTO ST. #1	TENN. GAS TRANS. CO.	I	16	08196
MONSANTO ST. #2	MONSANTO ST. #2	TENN. GAS TRANS. CO.	P	16	08197

COTTON DRAW UNIT - GENERAL WELL INFORMATION

CURRENT WELL NAME	ORIGINAL WELL NAME	ORIGINAL OPERATOR	UNIT DESIG.	SEC. T 25 S R 32 E	API NO. 30-025-
MONSANTO ST. #3	MONSANTO ST. #3	TENN. GAS TRANS. CO.	O	16	08198
MONSANTO ST. #4	MONSANTO ST. #4	TENN. GAS TRANS. CO.	N	16	08199
MONSANTO ST. #5	MONSANTO ST. #5	TENN. GAS TRANS. CO.	J	16	20519
MONSANTO ST. #6	MONSANTO ST. #6	TENN. GAS TRANS. CO.	K	16	20907
MONSANTO ST. #7	MONSANTO ST. #7	TENN. GAS TRANS. CO.	M	16	20910
MONSANTO ST. #8	MONSANTO ST. #8	TENN. GAS TRANS. CO.	L	16	23602



STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION
HOBBS DISTRICT OFFICE

OIL CONSERVATION DIVISION
RECEIVED
92 NOV 17 AM 9 59

BRUCE KING
GOVERNOR

POST OFFICE BOX 1980
HOBBS, NEW MEXICO 88241-1980
(505) 393-6161

OIL CONSERVATION DIVISION
P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

RE: Proposed:

MC _____
DHC _____
NSL _____
NSP _____
SWD _____
WFX X _____
PMX _____

2-F 15-25-32
3-H 16-25-32
11-N 15-25-32
19-N 10-25-32
26-H 21-25-32
30-F 21-25-32

Gentlemen:

I have examined the application for the:

Jeyaco Expl & Prod Inc Cotton Draw Unit
Operator Lease & Well No. Unit S-T-R

and my recommendations are as follows:

OK

Yours very truly,

Jerry Sexton
Jerry Sexton
Supervisor, District 1

/ed

TEXACO INC
COTTON DRAW UNIT NO. 52
API# 3002508169

0 - 359' CEMENT 200 sx Circ.

0 - 359' 9.5 " OD HOLE

0 - 359' 7.625" OD 24.00#/ft SURF CSG

359 - 4829' 6.5 " OD HOLE

1650 FSL & 330 FEL
SEC 9 , TWN 25 S, RANGE 32 E
ELEVATION: 3460 DF
COMPLETION DATE: 07-21-61

COMPLETION INTERVAL: 4709 - 4748 (DLSD)
TRT: 500 GALS ACID (4709 - 4748)
IP: 40 BOPD, 0 MCFD, 15 BWPD (S)
10-12-92 PRODUCER

3775 - 4818' CEMENT 150sx Circ. w/ 15% Chap

0 - 4723' 2.375" OD 4.70#/ft TBG

4709 - 4748' PERFS

0 - 4818' 4.5" OD 9.50#/ft PROD CSG

TD: 4829'

TENNESSEE GAS TRANSMISS
 EMILY FLINT RAY-FED NO. 2
 API# 3002508167

0 - 40' CEMENT PLUG 10 sx Cmt.
 0 - 362' CEMENT 240 sx Circ.
 310 - 410' CEMENT PLUG 30 sx Cmt.

0 - 362' 11" OD HOLE

0 - 362' 8.625" OD 24.00#/ft SURF CSG

1100 - 1200' CEMENT PLUG 30 sx Cmt

362 - 4800' 7.875" OD HOLE

660 FSL & 1980 FEL
 SEC 9 , TWN 25 S, RANGE 32 E
 ELEVATION: 3456 DF
 COMPLETION DATE: 12-26-60

COMPLETION INTERVAL: 4692 - 4698 (DLSD)
 TRT: FRAC 1500 GALS 0 LBS (4692 - 4698)
 IP: 162 BOPD, 0 MCFD, 37 BWPD (S)
 10-29-62 P&A'd
 CSG. CUT & PULLED

4025 - 4125' CEMENT PLUG 30 sx across Csg Stub

4100 - 4799' CEMENT 150sx Calc. w/ 75% fillup

4565 - 4684' CEMENT PLUG 15 sx

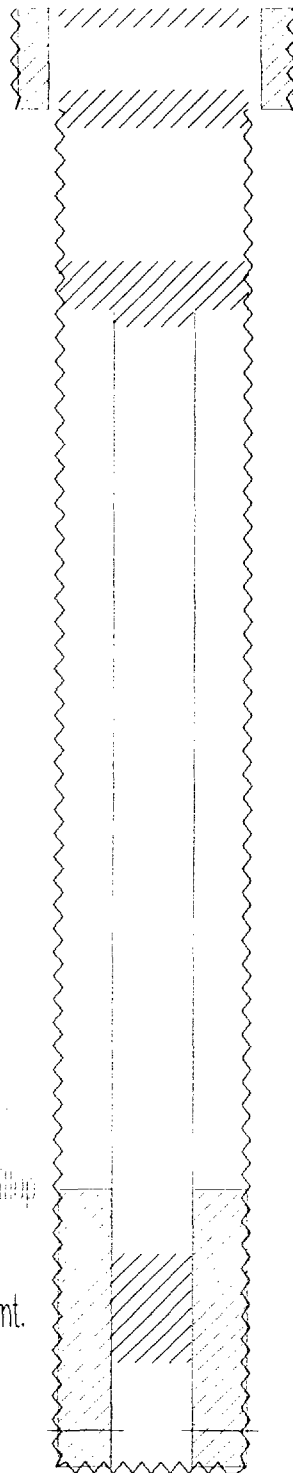
4692 - 4698' PERFS

TD: 4800'

4075 - 4799' 5.5" OD 15.00#/ft PROD CSG

TEXACO INC
COTTON DRAW UNIT NO. 34
API# 3002508168

0 - 60' CEMENT PLUG 15 sx Cmt.
270 - 390' CEMENT PLUG 40 sx Cmt.
0 - 331' CEMENT 250 sx Cmt.



0 - 331' 9.875" OD HOLE
0 - 331' 7.625" OD 24.00#/ft SURF CSG

837 - 1050' CEMENT PLUG 30 sx Cmt.

331 - 4850' 6.75" OD HOLE

330 FSL & 330 FEL
SEC 9 , TWN 25 S, RANGE 32 E
ELEVATION: 3457 DF
COMPLETION DATE: 02-21-61

COMPLETION INTERVAL: 4706 - 4726 (DLSD)
TRT: 500 GALS ACID (4706 - 4726)
IP: 220 BOPD, 0 MCFD, 0 BWPD (FLOWING)
11-15-89 P&A'd
CUT CSG. @ 995'

3925 - 4849' CEMENT 200sx Col. w/ 75% Grap

4140 - 4500' CEMENT PLUG 10 sx Cmt.

4706 4726' PERFS 2 SPF

TD: 4850'

995 - 4349' 2.875" OD 6.40#/ft PROD CSG

TEXACO INC
 EF RAY-FEDERAL NCT-2 NO. 2
 API# 3002508177

0 - 434' CEMENT PLUG 125 sx Cmt.
 0 334' CEMENT 250sx Circ.

0 - 334' 9.875" OD HOLE

0 - 334' 7.625" OD 24.00#/ft SURF CSG

965 - 1650' CEMENT PLUG 50 sx. Cmt.

334 - 4850' 6.75" OD HOLE

1980 FNL & 660 FWL
 SEC 10 , TWN 25 S, RANGE 32 E
 ELEVATION: 3470' DF
 COMPLETION DATE: 04-14-61

COMPLETION INTERVAL: 4734 - 4745 (DLSD)
 TRT: 1000 GALS ACID (4734 - 4745)
 TRT: 250 GALS ACID (4734 - 4745)
 TRT: FRAC 4000 GALS 6000 LBS (4734 - 4745)
 IP: 36 BOPD, 0 MCFD, 0 BWPD (S)
 02-03-89 P&Ad
 CUT & PULLED CSG. 1610'

3475 - 4849' CEMENT 230sx Circ w/ 75% fillup
 3500 - 3600' CEMENT PLUG 10 sx Cmt.

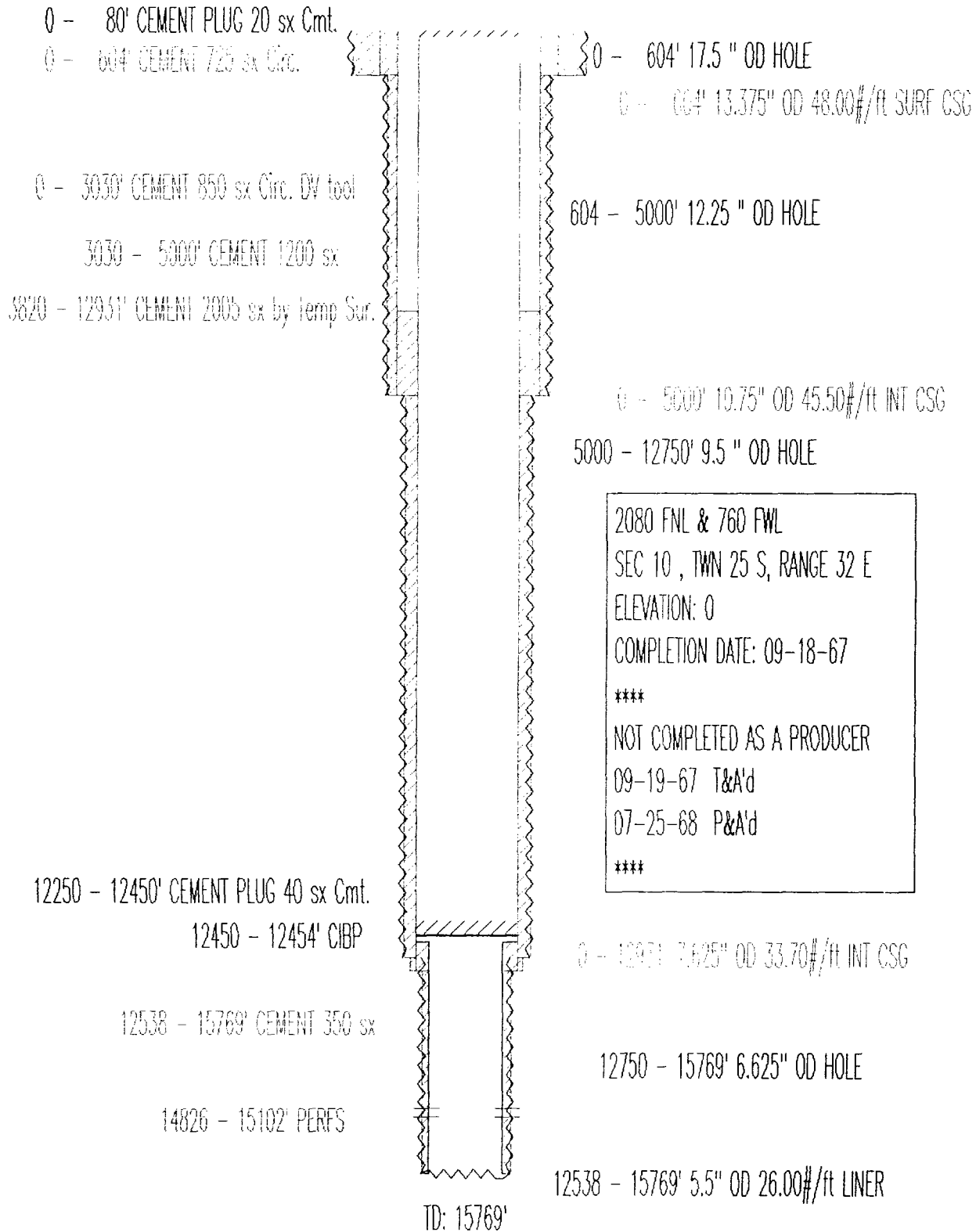
4615 - 4615' CEMENT PLUG 4 sx Cmt.

4650 - 4654' CIBP
 4734 - 4745' PERFS

1610 - 1849' 4.5" OD 9.50#/ft PROD CSG

TD: 4850'

TEXACO INC
COTTON DRAW UNIT NO. 66
API# 3002522024



TEXACO INC
COTTON DRAW UNIT NO. 33
API# 3002508174

0 - 330' CEMENT 750 sx Circ.

0 - 330' 9.875" OD HOLE

0 - 330' 7.625" OD 24.00#/ft SURF CSG

330 - 4791' 6.75" OD HOLE

1980 FNL & 1980 FWL

SEC 10 , TWN 25 S, RANGE 32 E

ELEVATION: 3462 DF

COMPLETION DATE: 02-11-61

COMPLETION INTERVAL: 4712 - 4732 (DLWR)

TRT: 750 GALS ACID (4712 - 4732)

IP: 84 BOPD, 0 MCFD, 48 BWPD (S)

10-12-92 PRODUCING

0 - 4725' 2.375" OD 4.70#/ft TBG

3775 - 4790' CEMENT 150sx Cols. w/ 75% fillup

4712 - 4732' PERES

TD: 4791'

0 - 4790' 4.5" OD 9.50#/ft PROD CSG

TEXACO INC
COTTON DRAW UNIT NO. 60
API# 3002508171

0 - 372' CEMENT 250 sx Circ.

0 - 372' 9.875" OD HOLE

0 - 372' 7.625" OD 24.00#/ft SURF CSG

372 - 4896' 6.75" OD HOLE

2145 FNL & 2310 FEL
SEC 10 , TWN 25 S, RANGE 32 E
ELEVATION: 3463 DF
COMPLETION DATE: 11-22-61

COMPLETION INTERVAL: 4728 - 4738 (DLWR)
TRT: 2000 GALS ACID (4728 - 4732)
IP: 24 BOPD, 0 MCFD, 1 BWPD (S)
10-12-92 INJECTION WELL

0 - 4574' 2.375" OD 4.70#/ft TBG

3875 - 4894' CEMENT 150sx C.C. 75% Slump

4574 - 4578' LATCH-IN PACKER INJECTION

4728 - 4738' PERFS

4870 - 4894' CEMENT PLUG PBTD

0 - 4894' 4.5" OD 9.50#/ft PROD CSG

TD: 4896'

TEXACO INC
EF RAY-FEDERAL B NCT-1 NO. 6
API# 3002508172

0 - 330' CEMENT 250 sx Circ.

0 - 330' 9.875" OD HOLE

0 - 330' 7.625" OD 24.00#/ft SURF CSG

330 - 4775' 6.75" OD HOLE

2309 FSL & 2310 FEL

SEC 10 , TWN 25 S, RANGE 32 E

ELEVATION: 3461 DF

COMPLETION DATE: 07-09-62

COMPLETION INTERVAL: 4739 - 4739 (DLSD)

TRT: 500 GALS ACID (0 - 4739)

IP: 4 BOPD, 0 MCFD, 21 BWPD (PUMPING)

10-12-92 SI-PRODUCER

0 - 4676' 2.375" OD 4.70#/ft TBC

3750 - 4764' CEMENT 150sx Calc. */ 75% fillup

4739 - 4739' PERFS

TD: 4775'

0 - 4764' 4.5" OD 9.50#/ft PROD CSG

TEXACO INC
COTTON DRAW UNIT NO. 24
API# 3002508176

0 - 323' CEMENT 250 sx Circ.

0 - 323' 9.875" OD HOLE

0 - 323' 7.625" OD 24.00#/ft SURF CSG

323 - 4787' 6.75" OD HOLE

1980 FSL & 1980 FWL

SEC 10 , TWN 25 S, RANGE 32 E

ELEVATION: 3459 DF

COMPLETION DATE: 01-25-61

COMPLETION INTERVAL: 4728 - 4734 (DLSO)

TRT: 250 GALS ACID (4728 - 4734)

IP: 123 BOPD, 0 MCFD, 9 BWPD (S)

10-12-92 PRODUCER

0 - 4731' 2.375" OD 4.70#/ft TBG

3775 - 4787' CEMENT 150sx Circ. w/ 75% Filup

4728 - 4734' PERFS

TD: 4787'

0 - 4737' 4.5" OD 9.50#/ft PROD CSG

TEXACO INC
COTTON DRAW UNIT NO. 41
API# 3002508179

0 - 379' CEMENT 200 sx Circ.

0 - 379' 12.25" OD HOLE

0 - 379' 8.625" OD 24.00#/ft SURF CSG

379 - 4825' 7.875 " OD HOLE

1650 FSL & 660 FWL

SEC 10 , TWN 25 S, RANGE 32 E

ELEVATION: 3467 ES

COMPLETION DATE: 04-12-61

COMPLETION INTERVAL: 4737 - 4742 (DLSD)

TRT: 500 GALS ACID (4737 - 4753)

TRT: 500 GALS ACID (4737 - 4742)

TRT: FRAC 2500 GALS 2500 LBS (4737 - 4742)

IP: 17 BOPD, 0 MCFD, 0 BWPD (FLOWING)

01-23-80 T&A'd

4200 - 4825' CEMENT 130sx T&A'd by Temp. Survey

4707 - 4721' PERFS

4737 - 4753' PERFS

4769 - 4792' PERFS

4798 - 4825' CEMENT PLUG

TD: 4825'

4495 - 4499' CIBP

4728 - 4732' CIBP

4760 - 4764' CIBP

0 - 4825' 5.5" OD 14.00#/ft PROD CSG

TEXACO INC
COTTON DRAW UNIT NO. 6
API# 3002508170

0 - 364' CEMENT 210 sz Circ.

0 - 364' 9.875" OD HOLE

0 - 364' 7.625" OD 24.00#/ft SURF CSG

364 - 4795' 6.75" OD HOLE

660 FSL & 660 FWL
SEC 10 , TWN 25 S, RANGE 32 E
ELEVATION: 3457 DF
COMPLETION DATE: 11-27-60

COMPLETION INTERVAL: 4708 - 4716 (DLSO)
IP: 52 BOPD, 0 MCFD, 3 BWPD (FLOWING)
10-12-92 INJECTION WELL

3694 - 4794' CEMENT 130sz TOC by Temp. Survey

0 - 4579' 2.375" OD 4.70#/ft TBG

4579 - 4583' LATCH-IN PACKER INJECTION

4708 - 4726' PERFS

0 - 4726' 4.5" OD 9.50#/ft PROD CSG

TD: 4795'

TEXACO INC
COTTON DRAW UNIT NO. 19
API# 3002508175

0 - 335' CEMENT 250 sx Circ.

0 - 335' 9.875" OD HOLE

0 - 335' 7.625" OD 24.00#/ft SURF CSG

335 - 4771' 6.75" OD HOLE

660 FSL & 1980 FWL

SEC 10 , TWN 25 S, RANGE 32 E

ELEVATION: 3455 DF

COMPLETION DATE: 01-05-71

COMPLETION INTERVAL: 4704 - 4722 (DLSO)

TRT: 500 GALS ACID (4704 - 4722)

IP: 198 BOPD, 0 MCFD, 0 BWPD (PUMPING)

03-09-88 T&A'd

10-12-92 PROPOSED INJECTION WELL

3750 - 4770' CEMENT 150sx Calc. w/ 75% fillup

4610 - 4650' CEMENT PLUG

4650 - 4654' CIBP

4704 - 4722' PERFS

0 - 4770' 4.5" OD 9.50#/ft PROD CSG

TD: 4771'

TEXACO INC
EF RAY-FEDERAL B NCT-1 NO. 1
API# 3002508173

0 - 313' CEMENT 250 sx Circ.

0 - 313' 9.875" OD HOLE

0 - 313' 7.625" OD 24.00#/ft SURF CSG

313 - 4800' 6.75" OD HOLE

660 FSL & 1980 FEL

SEC 10 , TWN 25 S, RANGE 32 E

ELEVATION: 3460 DF

COMPLETION DATE: 02-12-61

COMPLETION INTERVAL: 4736 - 4744 (DLWR)

TRT: 250 GALS ACID (4736 - 4744)

TRT: 500 GALS ACID (4736 - 4744)

IP: 17 BOPD, 0 MCFD, 0 BHPD (PUMPING)

10-12-92 SI - INJECTOR

3775 - 4998' CEMENT 150sx Calc. w/ 75% fillup

0 - 4625' 2.375" OD 4.70#/ft TBG

4625 - 4629' LATCH-IN PACKER

4736 - 4744' PERFS

TD: 4800'

0 - 4798' 4.5" OD 9.50#/ft PROD CSG

TEXACO INC
COTTON DRAW UNIT NO. 21
API# 3002508189

0 - 372' CEMENT Sqzd Csg Leak 200sx

0 - 329' CEMENT 250 sx Circ.

0 - 329' 9.5 " OD HOLE

0 - 329' 7.625" OD 24.00#/ft SURF CSG

329 - 4798' 6.5 " OD HOLE

660 FNL & 1980 FEL
SEC 15 , TWN 25 S, RANGE 32 E
ELEVATION: 3452 DF
COMPLETION DATE: 01-18-61

COMPLETION INTERVAL: 4705 - 4725 (DLSO)
TRT: 500 GALS ACID (4705 - 4725)
IP: 176 BOPD, 0 MCFD, 0 BWPD (FLOWING)
10-12-92 PRODUCER

3775 - 4798' CEMENT 150sx Calc. w/ 75% fillup

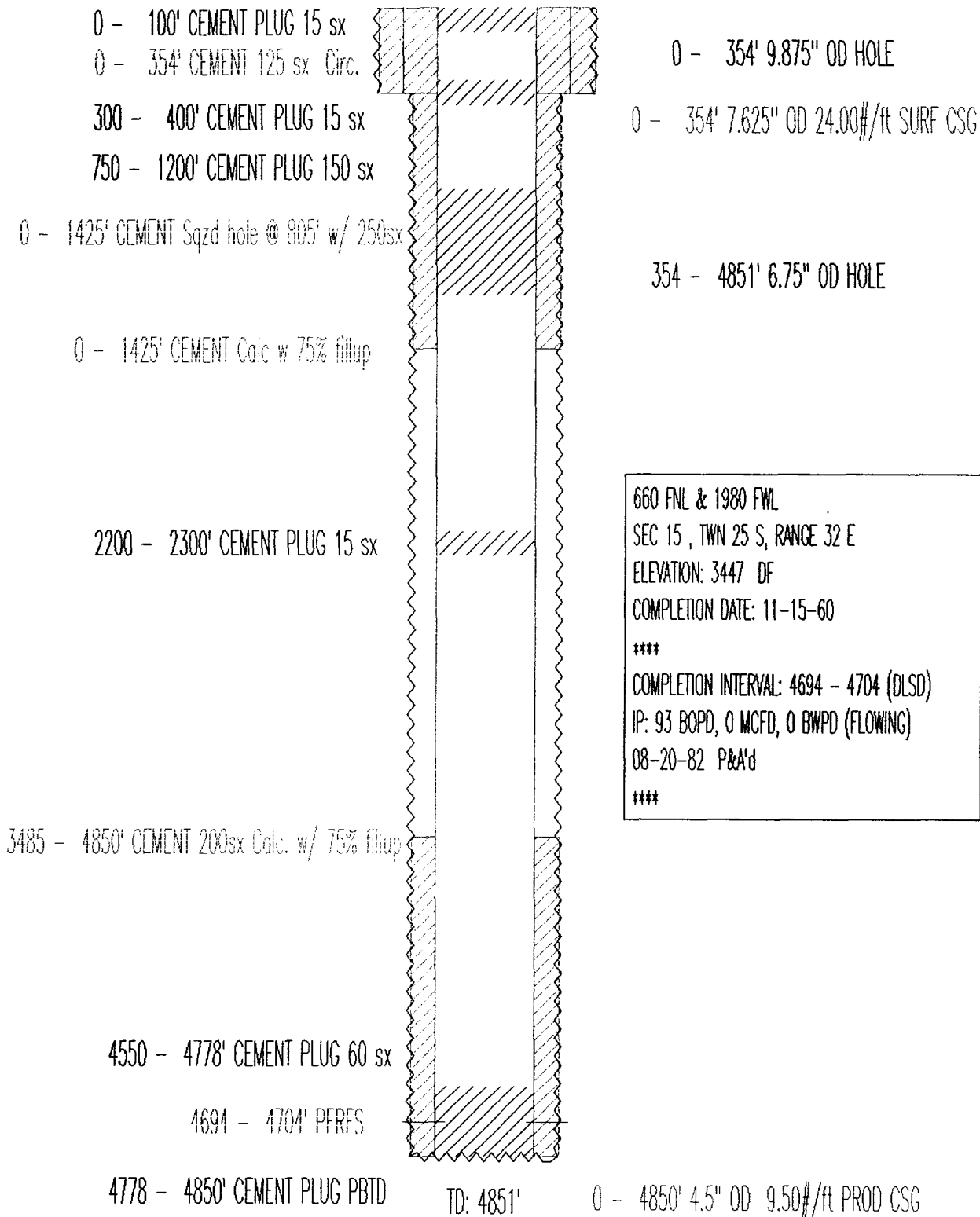
0 - 4720' 2.375" OD 4.70#/ft TBG

4705 - 4746' PERFS

TD: 4798'

0 - 4798' 4.5" OD 9.50#/ft PROD CSG

TEXACO INC
COTTON DRAW UNIT NO. 5
API# 3002508186



TEXACO INC
COTTON DRAW UNIT NO. 75
API# 3002527873

0 - 355' CEMENT 400 sx Circ.

0 - 355' 12.25" OD HOLE

0 - 355' 8.625" OD 24.00#/ft SURF CSG

0 - 1165' CEMENT 750 sx Circ. DV Tool

355 - 4750' 7.875 " OD HOLE

2575 4750' CEMENT 400sx Calc. w/ 75% fillup

455 FNL & 1980 FWL

SEC 15 , TWN 25 S, RANGE 32 E

ELEVATION: 3447 GR

COMPLETION DATE: 10-06-82

COMPLETION INTERVAL: 4686 - 4728 (DLWR)

IP: 10 BOPD, 0 MCFD, 112 BHPD (PUMPING)

05-26-88 T&A'd WELL

10-12-92 PROPOSED INFELD WELL

4595 - 4635' CEMENT PLUG

4635 - 4639' CIBP

4686 - 4728' PERFS

0 - 4750' 5.5" OD 15.50#/ft PROD CSG

TD: 4750'

TEXACO INC
COTTON DRAW UNIT NO. 20
API# 3002508191

0 - 360' CEMENT 250 sx Circ.

0 - 360' 9.875" OD HOLE

0 - 360' 7.625" OD 24.00#/ft SURF CSG

360 - 4745' 6.75" OD HOLE

660 FNL & 660 FWL
SEC 15 , TWN 25 S, RANGE 32 E
ELEVATION: 3452 DF
COMPLETION DATE: 01-11-61

COMPLETION INTERVAL: 4688 - 4711 (DLSD)
TRT: 750 GALS ACID (4688 - 4711)
IP: 396 BOPD, 0 MCFD, 0 BHPD (FLOWING)
10-12-92 PRODUCER

0 - 4695' 2.375" OD 4.70#/ft TBC

3725 - 4745' CEMENT 150sx Calc. w/ 75% fillup

4676 - 4723' PERFS

TD: 4745'

0 - 4745' 4.5" OD 9.50#/ft PROD CSG

TEXACO INC
COTTON DRAW UNIT NO. 12
API# 3002508190

0 - 371' CEMENT 250 sx Circ.

0 - 371' 9.875" OD HOLE

0 - 371' 7.625" OD 24.00#/ft SURF CSG

371 - 4743' 6.75" OD HOLE

1980 FNL & 660 FWL

SEC 15 , TWN 25 S, RANGE 32 E

ELEVATION: 3448 DF

COMPLETION DATE: 12-19-60

COMPLETION INTERVAL: 4684 - 4700 (DLSO)

TRT: 250 GALS ACID (4684 - 4700)

IP: 108 BOPD, 0 MCFD, 0 BWPD (FLOWING)

10-12-92 INJECTOR

3775 - 4743' CEMENT 150sx Calc. w/ 75% fillup

0 - 4650' 2.375" OD 4.70#/ft TBG

4650 - 4654' LATCH-IN PACKER

4630 - 4700' PERFS

0 - 4743' 4.5" OD 9.50#/ft PROD CSG

TD: 4743'

TEXACO INC
COTTON DRAW UNIT NO. 2
API# 3002508183

0 - 372' CEMENT 250 sx Circ.

0 - 372' 10.75" OD HOLE

0 - 372' 9.625" OD 25.50#/ft SURF CSG

372 - 4811' 7.875" OD HOLE

1980 FNL & 1980 FWL

SEC 15, TWN 25 S, RANGE 32 E

ELEVATION: 3441 DF

COMPLETION DATE: 10-25-60

COMPLETION INTERVAL: 4674 - 4693 (DLSD)

IP: 108 BOPD, 0 MCFD, 4 BHPD (FLOWING)

05-12-88 T&A'd

10-12-92 PROPOSED CONVERSION TO INJECTION

4090 - 4811' CEMENT 150sx TOC by Temp. Survey

4584 - 4624' CEMENT PLUG

4624 - 4628' CIBP

4674 - 4744' PERFS

TD: 4811'

0 - 4811' 4.5" OD 9.50#/ft PROD CSG

TEXACO INC
COTTON DRAW UNIT NO. 17
API# 3002508188

0 - 353' CEMENT 250 sx Circ.

0 - 353' 9.875" OD HOLE

0 - 353' 7.625" OD 24.00#/ft SURF CSG

353 - 4774' 6.75" OD HOLE

1980 FNL & 1980 FEL
SEC 15 , TWN 25 S, RANGE 32 E
ELEVATION: 3445 DF
COMPLETION DATE: 12-26-60

COMPLETION INTERVAL: 4707 - 4735 (DLSD)
TRT: 1550 GALS ACID (4707 - 4735)
IP: 48 BOPD, 0 MCFD, 0 BWPD (FLOWING)
10-12-92 INJECTOR

3750 - 4770' CEMENT 150sx Calc. w/ 75% fillup

0 - 4610' 2.375" OD 4.70#/ft TBG

4610 - 4614' LATCH-IN PACKER

4703 - 4713' PERFS
4721 - 4735' SQUEEZE PERFS

0 - 4770' 4.5" OD 9.50#/ft PROD CSG

TD: 4774'

TEXACO INC
GE JORDAN NCT-1 NO. 10
API# 3002508184

0 - 332' CEMENT 250 sx Circ.

0 - 332' 9.875" OD HOLE

0 - 332' 7.625" OD 24.00#/ft SURF CSG

332 - 4780' 6.75" OD HOLE

2130 FSL & 2130 FEL

SEC 15 , TWN 25 S, RANGE 32 E

ELEVATION: 3440 DF

COMPLETION DATE: 05-03-61

COMPLETION INTERVAL: 4698 - 4708 (DLSD)

TRT: FRAC 4000 GALS 4000 LBS (4698 - 4708)

IP: 78 BOPD, 0 MCFD, 10 BWPD (S)

10-12-92 PRODUCER

3425 - 4778' CEMENT 200sx Calc. w/ 75% fillup

0 - 4722' 2.375" OD 4.70#/ft TBG

4698 - 4708' PERFS

TD: 4780'

0 - 4778' 4.5" OD 9.50#/ft PROD CSG

TEXACO INC
COTTON DRAW UNIT NO. 8
API# 3002508185

0 - 352' CEMENT 300 sx Circ.

0 - 352' 9.875" OD HOLE

0 - 352' 7.625" OD 24.00#/ft SURF CSG

352 - 4730' 6.75" OD HOLE

1980 FSL & 1980 FWL
SEC 15 , TWN 25 S, RANGE 32 E
ELEVATION: 3434 DF
COMPLETION DATE: 11-24-60

COMPLETION INTERVAL: 4676 - 4690 (DLSO)
IP: 234 BOPD, 0 MCFD, 0 BWPD (FLOWING)
03-31-88 T&A'd

3710 - 4730' CEMENT 150sx Calc. w/ 75% fillup

4585 - 4625' CEMENT PLUG

4625 - 4629' CIBP

4676 - 4690' PERFS

TD: 4730'

0 - 4730' 4.5" OD 9.50#/ft PROD CSG

TEXACO INC
COTTON DRAW UNIT NO. 22
API# 3002508192

0 - 384' CEMENT 200 sx Circ.

0 - 384' 12.25" OD HOLE

0 - 384' 8.625" OD 24.00#/ft SURF CSG

384 - 4774' 7.875 " OD HOLE

1980 FSL & 660 FWL
SEC 15 , TWN 25 S, RANGE 32 E
ELEVATION: 3438 DF
COMPLETION DATE: 12-31-60

COMPLETION INTERVAL: 4665 - 4676 (DLSD)
IP: 44 BOPD, 0 MCFD, 0 BWPD (FLOWING)
10-12092 PRODUCER

0 - 4703' 2.875" OD 6.40#/ft TBG

4160 - 4744' CEMENT 150sx TOC by Temp Survey

4665 - 4714' PERFS

4767 - 4767' CEMENT PLUG PBTD

TD: 4774'

0 - 4744' 5.5" OD 14.00#/ft PROD CSG

TEXACO INC
COTTON DRAW UNIT NO. 1
API# 3002508182

0 - 353' CEMENT 300 sx Circ.

0 - 353' 13.75" OD HOLE

0 - 353' 9.625" OD 32.30#/ft SURF CSG

353 - 4805' 7.875" OD HOLE

660 FSL & 660 FWL

SEC 15 , TWN 25 S, RANGE 32 E

ELEVATION: 3425 DF

COMPLETION DATE: 09-16-60

COMPLETION INTERVAL: 4673 - 4689 (DLSD)

IP: 171 BOPD, 0 MCFD, 0 BWPD (FLOWING)

10-12-92 INJECTION WELL

0 - 4566' 2.375" OD 4.70#/ft TBG

4185 - 4804' CEMENT 150sx Calc. w/ 75% fillup

4566 - 4570' LATCH-IN PACKER

4644 - 4689' PERFS

4772 - 4808' CEMENT PLUG PBTD

TD: 4805'

0 - 4804' 4.5" OD 9.50#/ft PROD CSG

TEXACO INC
COTTON DRAW UNIT NO. 11
API# 3002508187

0 - 371' CEMENT 300 sx Circ.

0 - 371' 9.875" OD HOLE

0 - 371' 7.625" OD 24.00#/ft SURF CSG

371 - 4727' 6.75" OD HOLE

660 FSL & 1980 FWL

SEC 15, TWN 25 S, RANGE 32 E

ELEVATION: 3428 DF

COMPLETION DATE: 12-19-60

COMPLETION INTERVAL: 4674 - 4700 (DLSD)

TRT: 1250 GALS ACID (4674 - 4700)

IP: 92 BOPD, 0 MCFD, 0 BWPD (FLOWING)

05-13-88 T&A'd

10-12-92 PROPOSED CONVERSION TO INJECTION

3700 - 4726' CEMENT 150sx Calc. w/ 75% fillup

4710 - 4726' CEMENT PLUG

4625 - 4629' CIBP

4674 - 4700' PERFS

4590 - 4625' CEMENT PLUG PBTD

TD: 4727'

0 - 4726' 4.5" OD 9.50#/ft PROD CSG

TEXACO INC
COTTON DRAW UNIT NO. 10
API# 3002508195

0 - 355' CEMENT 240 sx Circ.

0 - 355' 12.25" OD HOLE

0 - 355' 8.625" OD 24.00#/ft SURF CSG

355 - 4836' 7.875 " OD HOLE

660 FNL & 660 FEL

SEC 16 , TWN 25 S, RANGE 32 E

ELEVATION: 3450 GR

COMPLETION DATE: 12-08-60

COMPLETION INTERVAL: 4703 - 4721 (DLSO)

TRT: 500 GALS ACID (4703 - 4721)

IP: 47 BOPD, 0 MCFD, 0 BWPD (FLOWING)

10-12-92 PRODUCER

0 - 4703' 2.375" OD 4.70#/ft TBG

4210 - 4836' CEMENT 150sx Calc. w/ 75% fillup

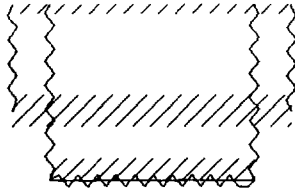
4703 4721' PERFS

TD: 4836'

0 - 4836' 4.5" OD 9.50#/ft PROD CSG

TENNECO OIL
EL BRADLEY-STATE NO. 3
API# 3002520909

0 - 25' CEMENT PLUG 10 sx Cmt.
286 - 386' CEMENT PLUG 35 sx Cmt.
490 - 558' CEMENT PLUG 25 sx Cmt.



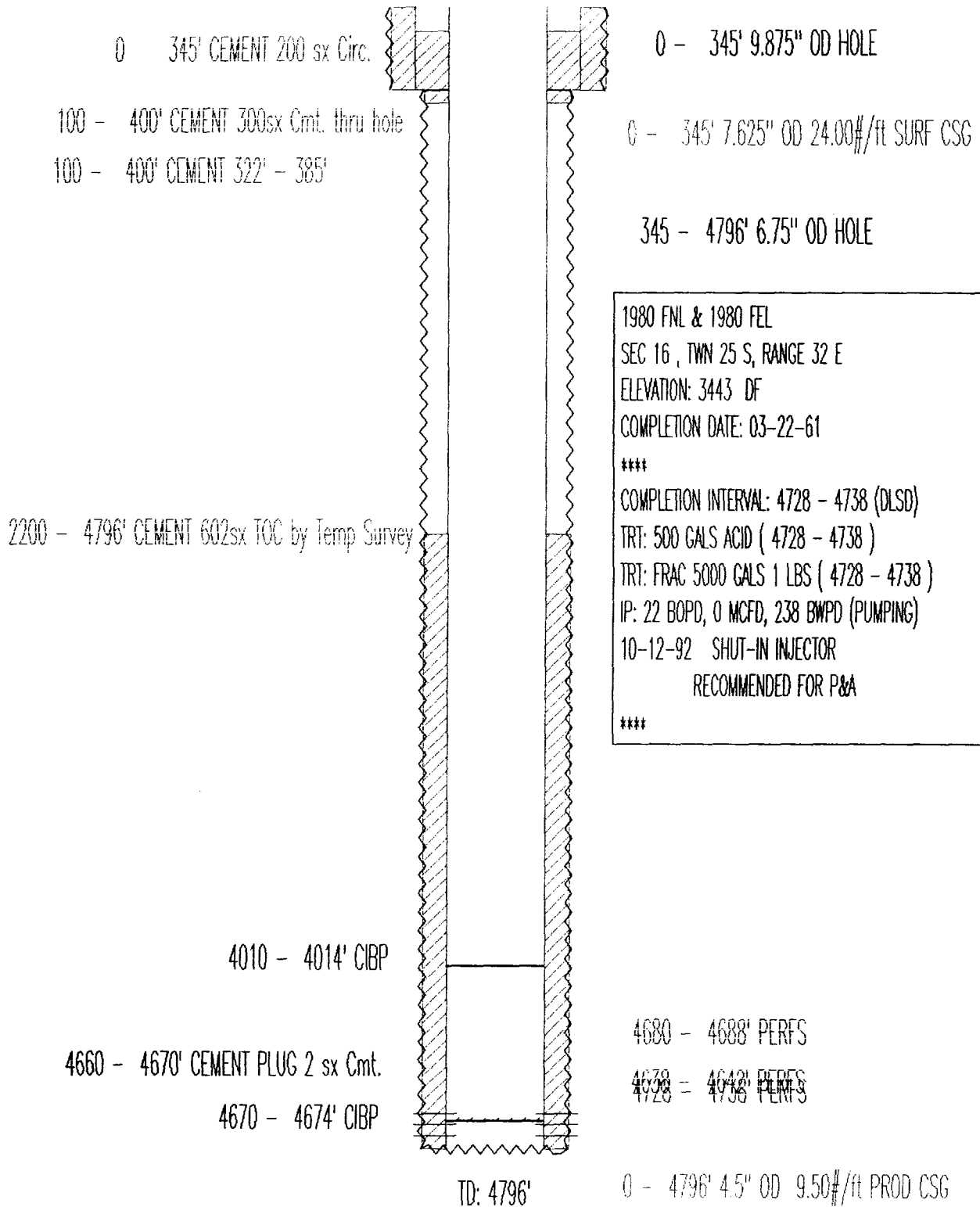
0 - 336' 10.75" OD HOLE
558 - 559' JUNK IN HOLE
0 - 559' 7.875" OD HOLE

2310 FNL & 2310 FWL
SEC 16 , TWN 25 S, RANGE 32 E
ELEVATION: 3423 GR
COMPLETION DATE: 06-11-64

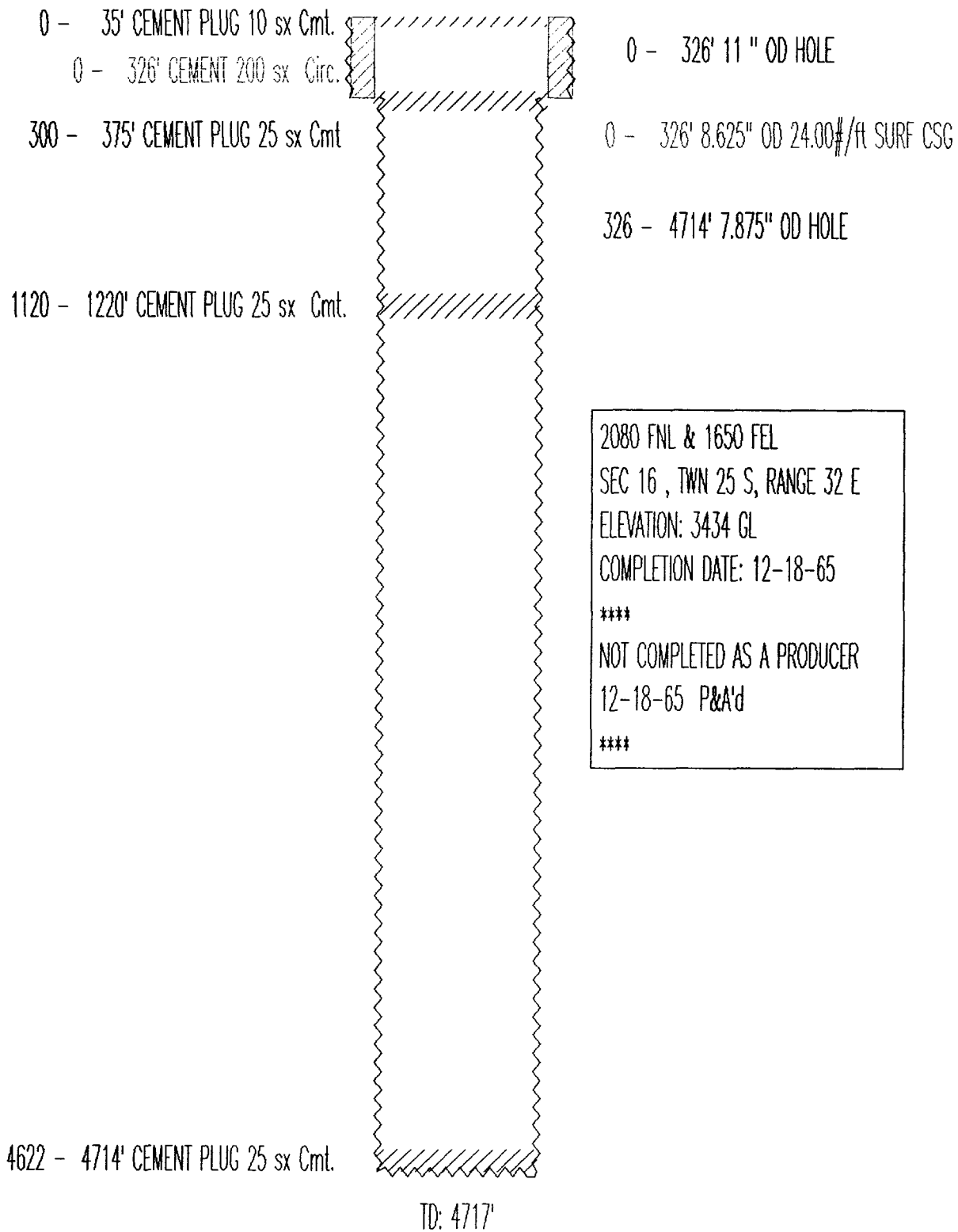
NOT COMPLETED AS A PRODUCER
05-01-70 P&A'd DUE TO JUNK IN HOLE

TD: 4700'

TEXACO INC
COTTON DRAW UNIT NO. 13
API# 3002508193



SHORELINE EXPL
CONTINENTAL-STATE NO. 1
API# 3002521474



TEXACO INC
COTTON DRAW UNIT NO. 3
API# 3002508194

0 - 367' CEMENT 235 sx Circ.

0 - 367' 12.25" OD HOLE

0 - 367' 8.625" OD 24.00#/ft SURF CSG

367 - 4778' 6.75" OD HOLE

1980 FNL & 660 FEL
SEC 16 , TWN 25 S, RANGE 32 E
ELEVATION: 3443 DF
COMPLETION DATE: 11-01-60

COMPLETION INTERVAL: 4663 - 4686 (DLSO)
IP: 75 BOPD, 0 MCFD, 0 BWPD (FLOWING)
10-12-92 PRODUCER
PROPOSED INJECTOR

0 - 4702' 2.375" OD 4.70#/ft TBG

3750 - 4778' CEMENT 150sx Calc. w/ 75% fillup

4663 - 4686' PERFS

TD: 4778'

0 - 4778' 4.5" OD 9.50#/ft PROD CSG

TENNESSEE GAS TRANSMISS
MONSANTO-STATE NO. 1
API# 3002508196

0 - 373' CEMENT 250 sx Circ.

0 - 373' 12.25" OD HOLE

0 - 373' 9.625" OD 24.00#/ft SURF CSG

373 - 4771' 6.75" OD HOLE

1980 FSL & 660 FEL
SEC 16 , TWN 25 S, RANGE 32 E
ELEVATION: 3438 DF
COMPLETION DATE: 09-29-60

COMPLETION INTERVAL: 4644 - 4679 (DLSO)
TRT: 250 GALS ACID (4644 - 4679)
IP: 70 BOPD, 0 MCFD, 0 BHPD (PUMPING)
10-12-92 PRODUCER

3745 - 4770' CEMENT 150sx Calc. w/ 75% fillup

0 - 4518' 2.375" OD 4.70#/ft TBG

4644 - 4679' PERFS

0 - 4770' 4.5" OD 9.50#/ft PROD CSG

TD: 4771'

TENNECO OIL
MONSANTO-STATE NO. 5
API# 3002520519

0 - 334' CEMENT 240 sx Circ.

0 - 334' 12.25" OD HOLE

0 - 334' 8.625" OD 24.00#/ft SURF CSG

334 - 4792' 6.75" OD HOLE

1650 FSL & 1650 FEL
SEC 16 , TWN 25 S, RANGE 32 E
ELEVATION: 3437 KB
COMPLETION DATE: 03-07-64

COMPLETION INTERVAL: 4650 - 4653 (DLWR)
TRT: FRAC 1000 GALS 1500 LBS (4650 - 4653)
IP: 149 BOPD, 0 MCFD, 0 BHPD (FLOWING)
10-12-92 PRODUCER

3765 - 4792' CEMENT 150sx Calc. w/ 75% fillup

0 - 4762' 2.375" OD 4.70#/ft TBG

4650 - 4653' PERFS

0 - 4792' 4.5" OD 9.50#/ft PROD CSG

TD: 4792'

TENNECO OIL
MONSANTO-STATE NO. 6
API# 3002520907

0 - 364' CEMENT 125 sx Circ.

0 - 364' 10.75" OD HOLE

0 - 364' 8.625" OD 24.00#/ft SURF CSG

364 - 4739' 6.75" OD HOLE

1650 FSL & 2310 FWL
SEC 16 , TWN 25 S, RANGE 32 E
ELEVATION: 0
COMPLETION DATE: 04-05-64

COMPLETION INTERVAL: 4614 - 4617 (DLWR)
TRT: 250 GALS ACID (4614 - 4617)
TRT: 250 GALS ACID (4614 - 4617)
TRT: FRAC 1000 GALS 1500 LBS (4614 - 4617)
IP: 112 BOPD, 0 MCFD, 0 BWPD (FLOWING)
10-12-92 PRODUCER

3715 - 4739' CEMENT 150sx Calc. w/ 75% fillup

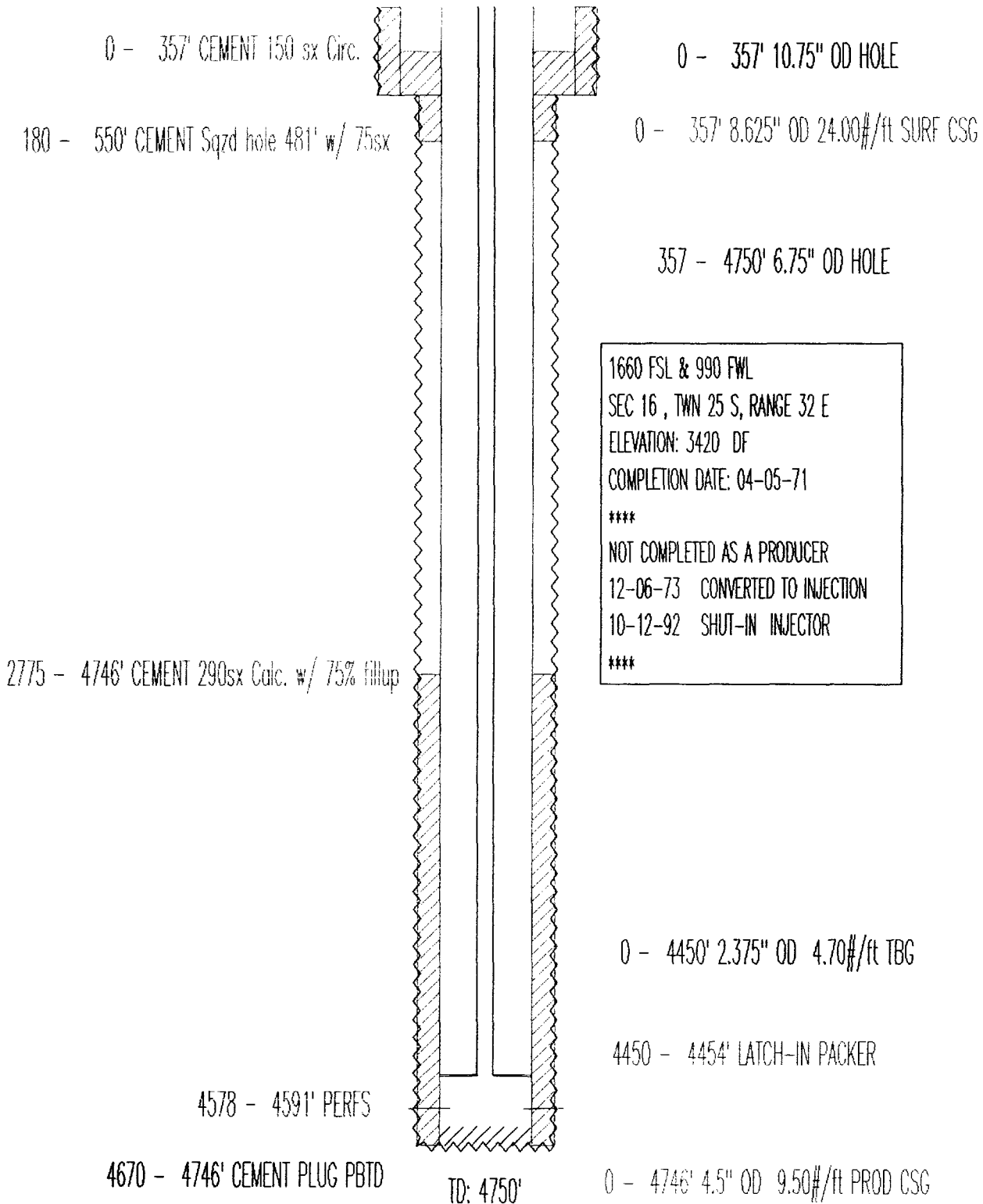
0 - 4612' 2.375" OD 4.70#/ft TBG

4614 - 4617' PERFS

0 - 4739' 4.5" OD 9.50#/ft PROD CSG

TD: 4739'

TENNECO OIL
MONSANTO-STATE NO. 8
API# 3002523602



TENNECO OIL
MONSANTO-STATE NO. 7
API# 3002520910

0 - 361' CEMENT 250 sx Circ.

0 - 361' 10.75" OD HOLE

0 - 361' 8.625" OD 24.00#/ft SURF CSG

361 - 4700' 6.75" OD HOLE

330 FSL & 990 FWL

SEC 16 , TWN 25 S, RANGE 32 E

ELEVATION: 3411 KB

COMPLETION DATE: 05-01-64

COMPLETION INTERVAL: 4603 - 4607 (DLSB)

TRT: FRAC 1000 GALS 1500 LBS (4603 - 4607)

IP: 138 BOPD, 0 MCFD, 14 BWPD (FLOWING)

10-12-92 PRODUCER

3675 - 4700' CEMENT 150sx Calc. w/ 75% fillup

0 - 4619' 2.375" OD 4.70#/ft TBG

4603 - 4607' PERFS

4655 - 4700' CEMENT PBD

TD: 4700'

0 - 4700' 4.5" OD 9.50#/ft PROD CSG

TENNESSEE GAS TRANSMISS
MONSANTO-STATE NO. 4
API# 3002508199

0 - 376' CEMENT 240 sx Circ.

0 - 376' 10.75" OD HOLE

0 - 376' 8.625" OD 24.00#/ft SURF CSG

376 - 4715' 7.875" OD HOLE

660 FSL & 1980 FWL
SEC 16 , TWN 25 S, RANGE 32 E
ELEVATION: 3419 DF
COMPLETION DATE: 12-20-60

COMPLETION INTERVAL: 4621 - 4633 (DLSO)
IP: 42 BOPD, 0 MCFD, 110 BHPD (PUMPING)
10-12-92 PRODUCER

3900 - 4715' CEMENT 150sx Calc. w/ 75% fillup

0 - 4590' 2.875" OD 6.40#/ft TBG

4621 - 4633' PERFS

TD: 4715'

0 - 4715' 5.5" OD 14.00#/ft PROD CSG

TENNESSEE GAS TRANSMISS
MONSANTO-STATE NO. 3
API# 3002508198

0 - 356' CEMENT 240 sx Circ.

0 - 356' 10.75" OD HOLE

0 - 356' 8.625" OD 24.00#/ft SURF CSG

356 - 4736' 6.75" OD HOLE

660 FSL & 1980 FEL
SEC 16 , TWN 25 S, RANGE 32 E
ELEVATION: 3433 DF
COMPLETION DATE: 12-03-60

COMPLETION INTERVAL: 4609 - 4634 (DLSD)
TRT: 500 GALS ACID (4609 - 4634)
IP: 52 BOPD, 0 MCFD, 0 BWPD (FLOWING)
10-12-92 SHUT-IN INJECTOR

3710 - 4736' CEMENT 150sx Calc. w/ 75% fillup

0 - 4500' 2.375" OD 4.70#/ft TBG

4500 - 4504' LATCH-IN PACKER

4609 - 4634' PERFS

4613 - 4736' CEMENT PLUG PBTD

TD: 4736'

0 - 4736' 4.5" OD 9.50#/ft PROD CSG

TENNESSEE GAS TRANSMISS
MONSANTO-STATE NO. 2
API# 3002508197

0 - 351' CEMENT 150 ex Circ.

0 - 351' 12.25" OD HOLE

0 - 351' 10.75" OD 32.75#/ft SURF CSG

351 - 4768' 7.875" OD HOLE

660 FSL & 660 FEL

SEC 16 , TWN 25 S, RANGE 32 E

ELEVATION: 3431 DF

COMPLETION DATE: 11-11-60

COMPLETION INTERVAL: 4662 - 4671 (DLSD)

IP: 54 BOPD, 0 MCFD, 0 BWPD (FLOWING)

3950 - 4767' CEMENT 150 ex Circ. w/ 75% fillup

0 - 4732' 2.375" OD 4.70#/ft TBG

4662 - 4671' PERFS

0 - 4767' 5.5" OD 14.00#/ft PROD CSG

TD: 4768'

TEXACO INC
COTTON DRAW UNIT NO. 42
API# 3002508201

0 - 397' CEMENT 350 sx Circ.

0 - 397' 11 " OD HOLE

0 - 397' 8.625" OD 24.00#/ft SURF CSG

397 - 4735' 6.75" OD HOLE

1650 FSL & 330 FEL
SEC 20 , TWN 25 S, RANGE 32 E
ELEVATION: 3390. DF
COMPLETION DATE: 04-21-61

COMPLETION INTERVAL: 4593 - 4607 (DLSD)
TRT: 500 GALS ACID (4593 - 4607)
IP: 42 BOPD, 0 MCFD, 0 BWPD (FLOWING)
05-04-84 T&A'd

3345 - 4714' CEMENT 200sx Calc. w/ 75% fillup

4593 - 4626' PERFS

4695 - 4735' CEMENT PLUG PBTD

TD: 4735'

4500 - 4504' CIBP

0 - 4714' 4.5" OD 9.50#/ft PROD CSG

TEXACO INC
COTTON DRAW UNIT NO. 25
API# 3002508203

0 - 359' CEMENT 300 sx Circ.

0 - 359' 10.75" OD HOLE

0 - 359' 8.625" OD 24.00#/ft SURF CSG

359 - 4790' 6.75" OD HOLE

660 FNL & 660 FEL

SEC 21 , TWN 25 S, RANGE 32 E

ELEVATION: 3429 DF

COMPLETION DATE: 01-21-61

COMPLETION INTERVAL: 4618 - 4638 (DLSO)

IP: 120 BOPD, 0 MCFD, 0 BWPD (FLOWING)

10-12-92 PRODUCER

3765 - 4785' CEMENT 150sx Calc. w/ 75% fillup

0 - 4611' 2.375" OD 4.70#/ft TBG

4618 - 4665' PERFS

0 - 4785' 4.5" OD 9.50#/ft PROD CSG

TD: 4790'

TEXACO INC
COTTON DRAW UNIT NO. 7
API# 3002508215

0 - 352' CEMENT 220 sx Circ.

0 - 352' 11" OD HOLE

0 - 352' 7.625" OD 24.00#/ft SURF CSG

352 - 4734' 6.75" OD HOLE

660 FNL & 1980 FEL

SEC 21 , TWN 25 S, RANGE 32 E

ELEVATION: 3426 DF

COMPLETION DATE: 11-23-60

COMPLETION INTERVAL: 4608 - 4620 (DLSD)

TRT: 500 GALS ACID (4608 - 4620)

IP: 72 BOPD, 0 MCFD, 0 BWPD (FLOWING)

10-12-92 SHUT-IN PRODUCER

3892 - 4733' CEMENT 120sx TOC by Temp Survey

0 - 4592' 2.375" OD 4.70#/ft TBG

4594 - 4624' PERFS

0 - 4733' 4.5" OD 9.50#/ft PROD CSG

TD: 4734'

TEXACO INC
COTTON DRAW UNIT NO. 31
API# 3002508209

0 - 383' CEMENT 275 sx Circ.

0 - 383' 11" OD HOLE

0 - 383' 7.625" OD 24.00#/ft SURF CSC

383 - 4755' 6.75" OD HOLE

660 FNL & 1980 FWL

SEC 21 , TWN 25 S, RANGE 32 E

ELEVATION: 3417 DF

COMPLETION DATE: 02-14-61

COMPLETION INTERVAL: 4594 - 4626 (DLSD)

IP: 44 BOPD, 25 MCFD, 0 BWPD (FLOWING)

10-12-92 PRODUCER

0 - 4596' 2.375" OD 4.70#/ft TBG

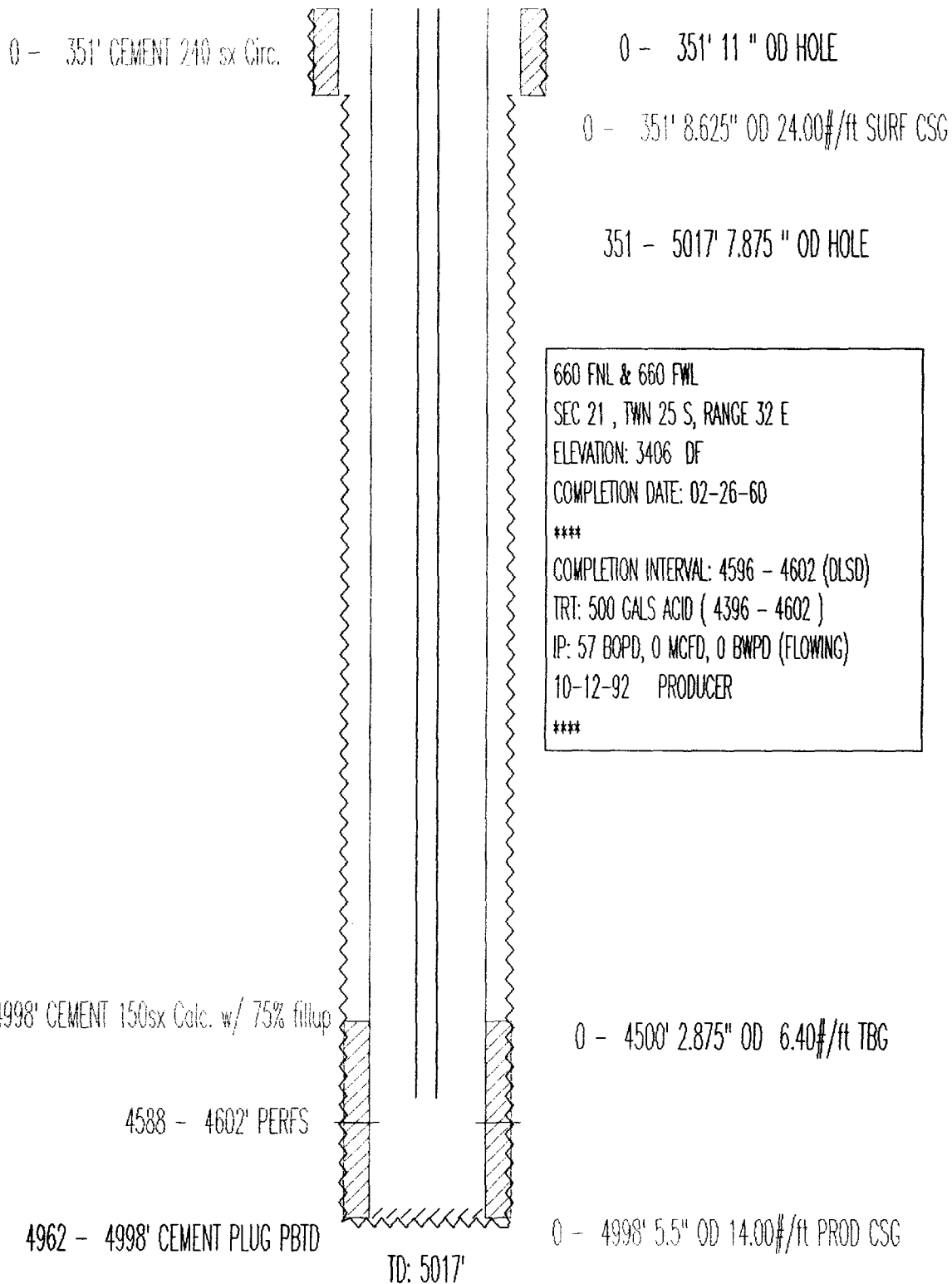
3705 - 4755' CEMENT 150sx Calc. w/ 75% fillup

4594 - 4626' PERFS

0 - 4755' 4.5" OD 9.50#/ft PROD CSC

TD: 4755'

TEXACO INC
COTTON DRAW UNIT NO. 15
API# 3002508216



TEXACO INC
COTTON DRAW UNIT NO. 36
API# 3002508213

0 - 380' CEMENT 200 sx Circ.

0 - 380' 12.25" OD HOLE

0 - 380' 8.625" OD 24.00#/ft SURF CSG

380 - 4685' 7.875 " OD HOLE

1980 FNL & 660 FWL

SEC 21 , TWN 25 S, RANGE 32 E

ELEVATION: 3401 DF

COMPLETION DATE: 03-20-61

COMPLETION INTERVAL: 4602 - 4608 (DLSO)

TRT: 500 GALS ACID (4602 - 4608)

TRT: FRAC 1500 GALS 1500 LBS (4602 - 4608)

IP: 196 BOPD, 0 MCFD, 0 BWPD (FLOWING)

10-12-92 INJECTOR

3950 - 4685' CEMENT 135sx Calc. w/ 75% fillup

0 - 4540' 2.375" OD 4.70#/ft TBG

4540 - 4544' LATCH-IN PACKER

4584 - 4608' PERFS

0 - 4685' 5.5" OD 14.00#/ft PROD CSG

TD: 4685'

TEXACO INC
COTTON DRAW UNIT NO. 30
API# 3002508208

0 - 393' CEMENT 300 sx Circ.

0 - 393' 9.875" OD HOLE

0 - 393' 7.625" OD 24.00#/ft SURF CSG

393 - 4756' 6.75" OD HOLE

1980 FNL & 1980 FWL

SEC 21 , TWN 25 S, RANGE 32 E

ELEVATION: 3414 DF

COMPLETION DATE: 02-23-61

COMPLETION INTERVAL: 4586 - 4642 (DLSD)

IP: 66 BOPD, 0 MCFD, 0 BWPD (FLOWING)

10-10-84 T&A'd

10-12-92 PROPOSED CONVERSION TO INJECTION

3730 4752' CEMENT 150sx Calc. w/ 75% fillup

4530 - 4534' CIBP

4586 - 4642' PERFS

4727 - 4752' CEMENT PLUG PBTD

TD: 4756'

0 - 4752' 4.5" OD 9.50#/ft PROD CSG

TEXACO INC
COTTON DRAW UNIT NO. 23
API# 3002508217

0 - 375' CEMENT 200 sx Circ.

0 - 375' 12.25" OD HOLE

0 - 375' 8.625" OD 24.00#/ft SURF CSG

375 - 4747' 7.875 " OD HOLE

1980 FNL & 1980 FEL

SEC 21 , TWN 25 S, RANGE 32 E

ELEVATION: 3419 DF

COMPLETION DATE: 01-06-61

COMPLETION INTERVAL: 4639 - 4657 (DLSD)

IP: 129 BOPD, 0 MCFD, 0 BHPD (FLOWING)

10-12-92 INJECTOR

3930 - 4747' CEMENT 150sx Calc. w/ 75% fillup

0 - 4574' 2.375" OD 4.70#/ft TBG

4574 - 4578' LATCH-IN PACKER

4612 - 4657' PERFS

0 - 4747' 5.5" OD 14.00#/ft PROD CSG

TD: 4747'

TEXACO INC
COTTON DRAW UNIT NO. 26
API# 3002508204

0 - 392' CEMENT 32 1/2" x Circ.

0 - 392' 12.25" OD HOLE

0 - 392' 8.625" OD 24.00#/ft SURF CSG

392 - 4784' 7.875" OD HOLE

1980 FNL & 660 FEL

SEC 21 , TWN 25 S, RANGE 32 E

ELEVATION: 3419 DF

COMPLETION DATE: 02-03-61

COMPLETION INTERVAL: 4632 - 4663 (DLSO)

IP: 65 BOPD, 0 MCFD, 0 BWPD (FLOWING)

03-15-82 T&A'd

10-12-92 PROPOSED CONVERSION TO INJECTION

4138 - 4778' CEMENT 150" x TOC by Temp Survey

4632 - 4663' PERFS

4595 - 4599' CIBP

0 - 4778' 4.5" OD 9.50#/ft PROD CSG

TD: 4784'

TEXACO INC
COTTON DRAW UNIT NO. 27
API# 3002508205

0 - 391' CEMENT 265 sx Circ.

0 - 391' 12.25" OD HOLE

0 - 391' 8.625" OD 24.00#/ft SURF CSG

391 - 4767' 7.875 " OD HOLE

2310 FSL & 990 FEL

SEC 21 , TWN 25 S, RANGE 32 E

ELEVATION: 3413' DF

COMPLETION DATE: 04-06-61

COMPLETION INTERVAL: 4638 - 4654 (DLSO)

IP: 87 BOPD, 0 MCFD, 0 BWPD (FLOWING)

06-03-88 T&A'd

4161 - 4754' CEMENT 215sx TOC by Temp Survey

4540 - 4575' CEMENT PLUG 8 sx Cmt

4575 - 4579' CIBP

4638 - 4654' PERFS

4722 - 4754' CEMENT PLUG PBTD

0 - 4754' 4.5" OD 9.50#/ft PROD CSG

TD: 4767'

TEXACO INC
COTTON DRAW UNIT NO. 28
API# 3002508206

0 - 392' CEMENT 300 sx Circ.

0 - 392' 11 " OD HOLE

0 - 392' 8.625" OD 24.00#/ft SURF CSG

392 - 4782' 7.875 " OD HOLE

1980 FSL & 1980 FEL

SEC 21 , TWN 25 S, RANGE 32 E

ELEVATION: 3413 DF

COMPLETION DATE: 03-29-61

COMPLETION INTERVAL: 4630 - 4662 (DLSO)

TRT: 500 GALS ACID (4630 - 4662)

IP: 83 BOPD, 0 MCFD, 0 BWPD (FLOWING)

10-12-92 PRODUCER

3978 - 4782' CEMENT 215sx TOC by Temp Survey

0 - 4635' 2.375" OD 4.70#/ft TBG

4630 - 4662' PERFS

4746 - 4782' CEMENT PLUG PBTD

0 - 4782' 4.5" OD 9.50#/ft PROD CSG

TD: 4787'

TEXACO INC
COTTON DRAW UNIT NO. 29
API# 3002508207

0 - 393' CEMENT 300 sx Circ.

0 - 393' 11" OD HOLE

0 - 393' 7.625" OD 24.00#/ft SURF CSG

393 - 4735' 6.75" OD HOLE

1980 FSL & 1980 FWL
SEC 21 , TWN 25 S, RANGE 32 E
ELEVATION: 3409 DF
COMPLETION DATE: 03-06-61

COMPLETION INTERVAL: 4592 - 4647 (DLSO)
IP: 57 BOPD, 0 MCFD, 0 BWPD (FLOWING)
10-12-92 PRODUCER

3703 - 4735' CEMENT 150sx Calc. by 75% fillup

0 - 4622' 2.375" OD 4.70#/ft TBG

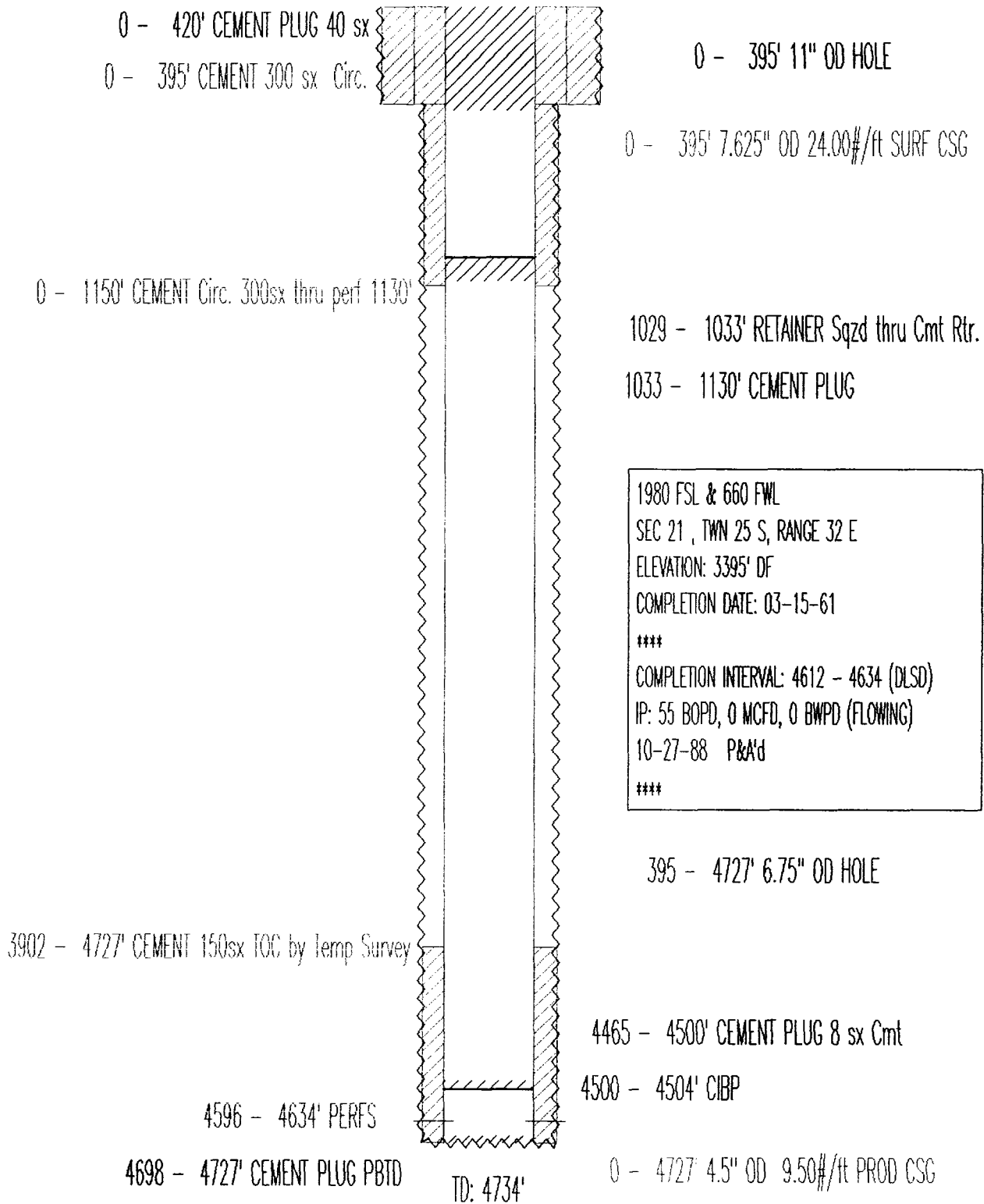
4592 - 4647' PERFS

4700 - 4735' CEMENT PLUG PBTB

TD: 4735'

0 - 4735' 4.5" OD 9.50#/ft PROD CSG

TEXACO INC
COTTON DRAW UNIT NO. 35
API# 3002508210



TEXACO INC
COTTON DRAW UNIT NO. 37
API# 3002508211

0 - 396' CEMENT 325 sx Circ.

0 - 396' 12.25" OD HOLE

0 - 396' 8.625" OD 24.00#/ft SURF CSG

396 - 4784' 6.75" OD HOLE

660 FSL & 660 FWL

SEC 21, TWN 25 S, RANGE 32 E

ELEVATION: 3394 DF

COMPLETION DATE: 03-28-61

COMPLETION INTERVAL: 4610 - 4654 (DLSD)

IP: 67 BOPD, 0 MCFD, 0 BWPD (FLOWING)

04/12/82 - Set CIBP @ 4550'. T&A'd

3952 - 4778' CEMENT 150 sx TOC by Temp.

4610 - 4654' PERFS 4 SPF

4710 - 4778' RETAINER PBTD 4710

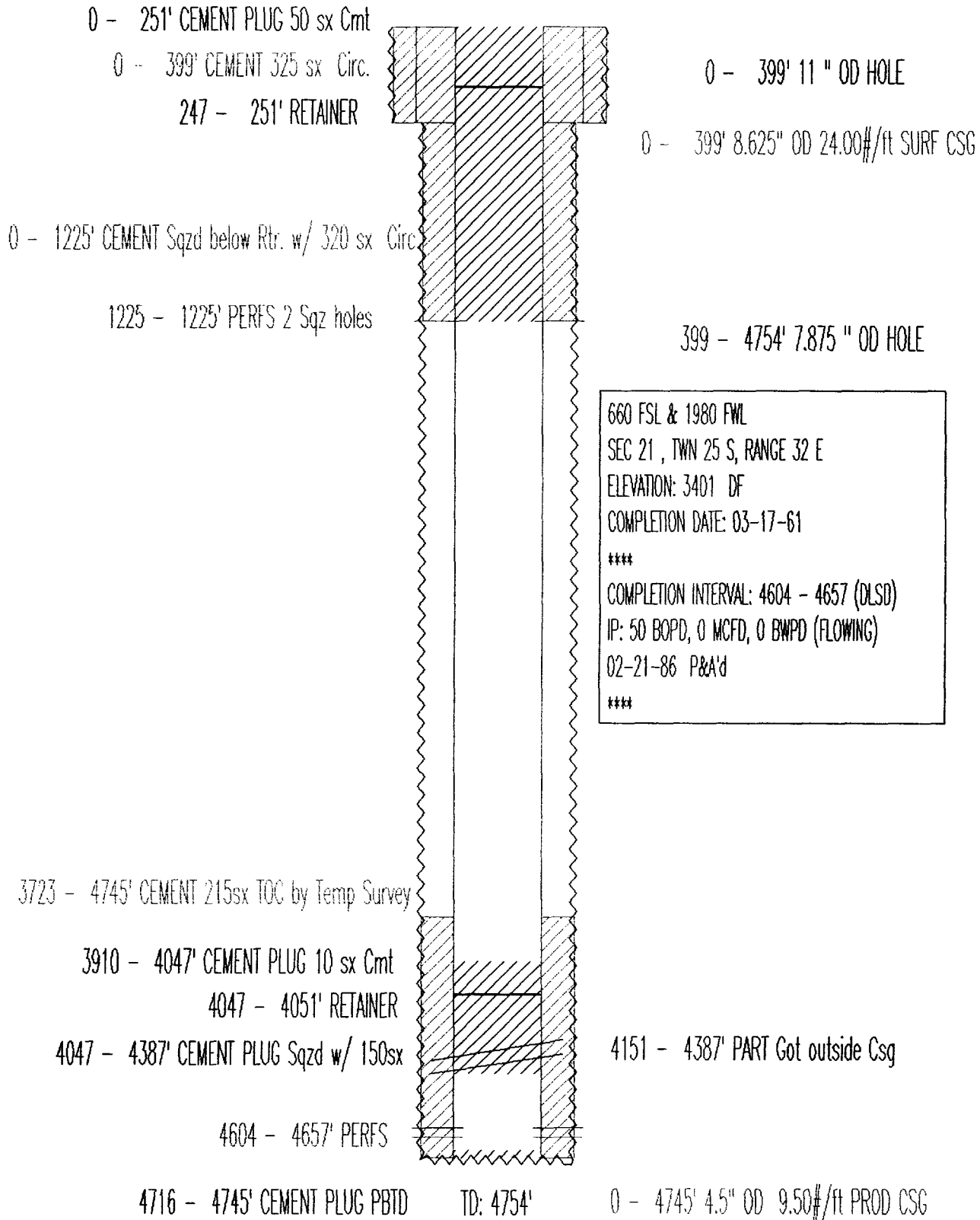
TD: 4784'

4500 - 4540' CEMENT PLUG 5 sx Cmt

4540 - 4544' CIBP

0 - 4778' 4.5" OD 9.50#/ft PROD CSG

TEXACO INC
COTTON DRAW UNIT NO. 38
API# 3002508212



TEXACO INC
COTTON DRAW UNIT NO. 44
API# 3002508214

0 - 393' CEMENT 300 sx Circ.

0 - 393' 11 " OD HOLE

0 - 393' 8.625" OD 24.00#/ft SURF CSG

393 - 4799' 7.875 " OD HOLE

990 FSL & 2310 FEL

SEC 21 , TWN 25 S, RANGE 32 E

ELEVATION: 3407 DF

COMPLETION DATE: 04-18-61

COMPLETION INTERVAL: 4630 - 4674 (DLSD)

IP: 59 BOPD, 0 MCFD, 0 BHPD (FLOWING)

04-19-82 T&A'd

3811 - 4783' CEMENT 215sx TOC by Temp Survey

4630 - 4674' PERFS

4674 - 4783' CEMENT PLUG PBTD

TD: 4799'

4510 - 4550' CEMENT PLUG 5 sx Cmt

4550 - 4554' CIBP

0 - 4783' 4.5" OD 9.50#/ft PROD CSG

TEXACO INC
COTTON DRAW UNIT-FE NO. 57
API# 3002508218

0 - 388' CEMENT 300 sx Circ.

0 - 388' 11" OD HOLE

0 - 388' 8.625" OD 24.00#/ft SURF CSG

388 - 4707' 6.75" OD HOLE

990 FSL & 990 FEL

SEC 21 , TWN 25 S, RANGE 32 E

ELEVATION: 3397 DF

COMPLETION DATE: 09-30-61

COMPLETION INTERVAL: 4645 - 4666 (DLSO)

TRT: 500 GALS ACID (4645 - 4666)

IP: 294 BOPD, 0 MCFD, 582 BWPD (PUMPING)

10-12-92 PRODUCER

3250 - 4707' CEMENT 215sx Calc. w/ 75% fillup

0 - 4615' 2.375" OD 4.70#/ft TBG

4645 - 4666' PERFS

4670 - 4707' CEMENT PLUG PBTD

TD: 4707'

0 - 4707' 4.5" OD 9.50#/ft PROD CSG

TEXACO INC
COTTON DRAW UNIT NO. 16
API# 3002508223

0 - 330' CEMENT 250 sx Circ.

0 - 330' 9.875" OD HOLE

0 - 330' 7.625" OD 24.00#/ft SURF CSG

330 - 4763' 6.75" OD HOLE

510 FNL & 1830 FWL

SEC 22 , TWN 25 S, RANGE 32 E

ELEVATION: 3421 DF

COMPLETION DATE: 03-01-61

COMPLETION INTERVAL: 4690 - 4705 (DLSO)

TRT: 750 GALS ACID (4690 - 4705)

IP: 211 BOPD, 0 MCFD, 120 BHPD (S)

10-12-92 SHUT-IN PRODUCER

3840 - 4762' CEMENT 200 sx Calc. w 75% fillup

0 - 4603' 2.063" OD 3.25#/ft TBG

4690 - 4705' PERFS

4751 - 4762' CEMENT PLUG PBD

TD: 4763'

0 - 4762' 2.875" OD 4.70#/ft PROD CSG

TEXACO INC
COTTON DRAW UNIT NO. 4
API# 3002508221

0 - 375' CEMENT 300 sx Circ.

0 - 375' 9.875" OD HOLE

0 - 375' 7.625" OD 24.00#/ft SURF CSG

375 - 4760' 6.75" OD HOLE

660 FNL & 660 FWL

SEC 22 , TWN 25 S, RANGE 32 E

ELEVATION: 3418 DF

COMPLETION DATE: 11-12-60

COMPLETION INTERVAL: 4632 - 4685 (DLSO)

IP: 198 BOPD, 0 MCFD, 0 BWPD (FLOWING)

10-12-92 PRODUCER

3740 - 4760' CEMENT 150sx Calc. w/ 75% fillup

0 - 4672' 2.375" OD 4.70#/ft TBG

4632 - 4685' PERFS

TD: 4760'

0 - 4760' 4.5" OD 9.50#/ft PROD CSG

TEXACO INC
COTTON DRAW UNIT NO. 9
API# 3002508222

0 - 352' CEMENT 300 sx Circ.

0 - 352' 9.875" OD HOLE

0 - 352' 7.625" OD 24.00#/ft SURF CSG

352 - 4717' 6.75" OD HOLE

1980 FNL & 660 FWL
SEC 22 , TWN 25 S, RANGE 32 E
ELEVATION: 3414 DF
COMPLETION DATE: 12-03-60

COMPLETION INTERVAL: 4672 - 4682 (OLSD)
TRT: 1000 GALS ACID (4672 - 4686)
IP: 198 BOPD, 0 MCFD, 0 BWPD (FLOWING)
10-12-92 INJECTOR

3690 - 4716' CEMENT 150sx Calc. w/ 75% fillup

0 - 4573' 2.375" OD 4.70#/ft TBG

4573 - 4577' LATCH-IN PACKER

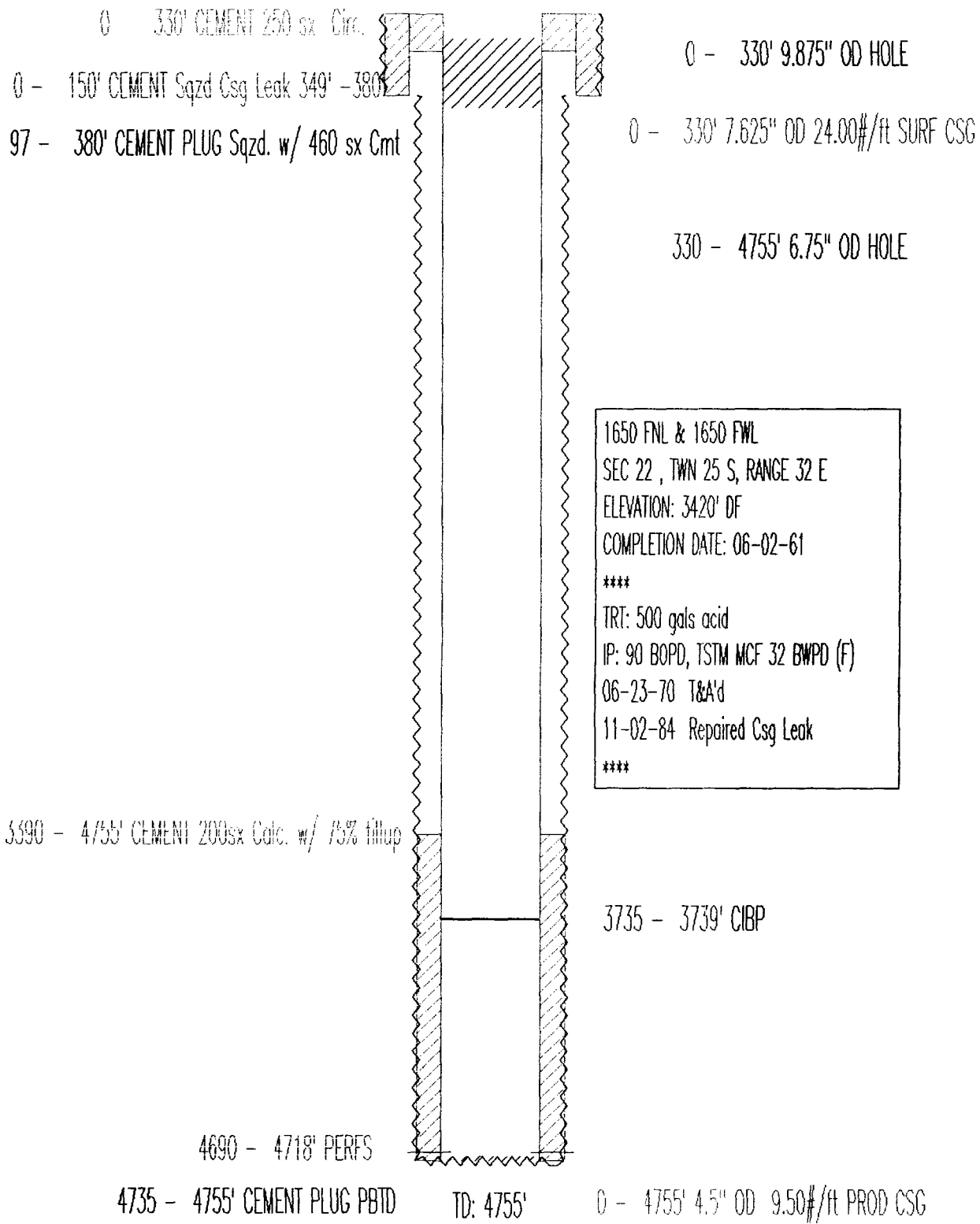
4672 - 4686' PERFS

4700 - 4716' CEMENT PLUG PBTD

TD: 4717'

0 - 4716' 4.5" OD 9.50#/ft PROD CSG

TEXACO INC
COTTON DRAW UNIT NO. 18
API# 3002508219



TEXACO INC
COTTON DRAW UNIT NO. 48
API# 3002508220

0 - 352' CLMLNI 250 sx Circ.

0 - 352' 9.875" OD HOLE

0 - 352' 7.625" OD 24.00#/ft SURF CSG

352 - 4756' 6.75" OD HOLE

2310 FSL & 330 FWL
SEC 22 , TWN 25 S, RANGE 32 E
ELEVATION: 3409 DF
COMPLETION DATE: 06-15-61

COMPLETION INTERVAL: 4653 - 4680 (DLSD)
TRT: 500 GALS ACID (4653 - 4680)
IP: 112 BOPD, 0 MCFD, 8 BWPD (S)
05-02-88 T&A'd

3730 - 4753' CEMENT 150sx Calc. w/ 75% fillup

4653 - 4682' PERFS

4570 - 4570' CEMENT PLUG

4605 - 4609' CIBP

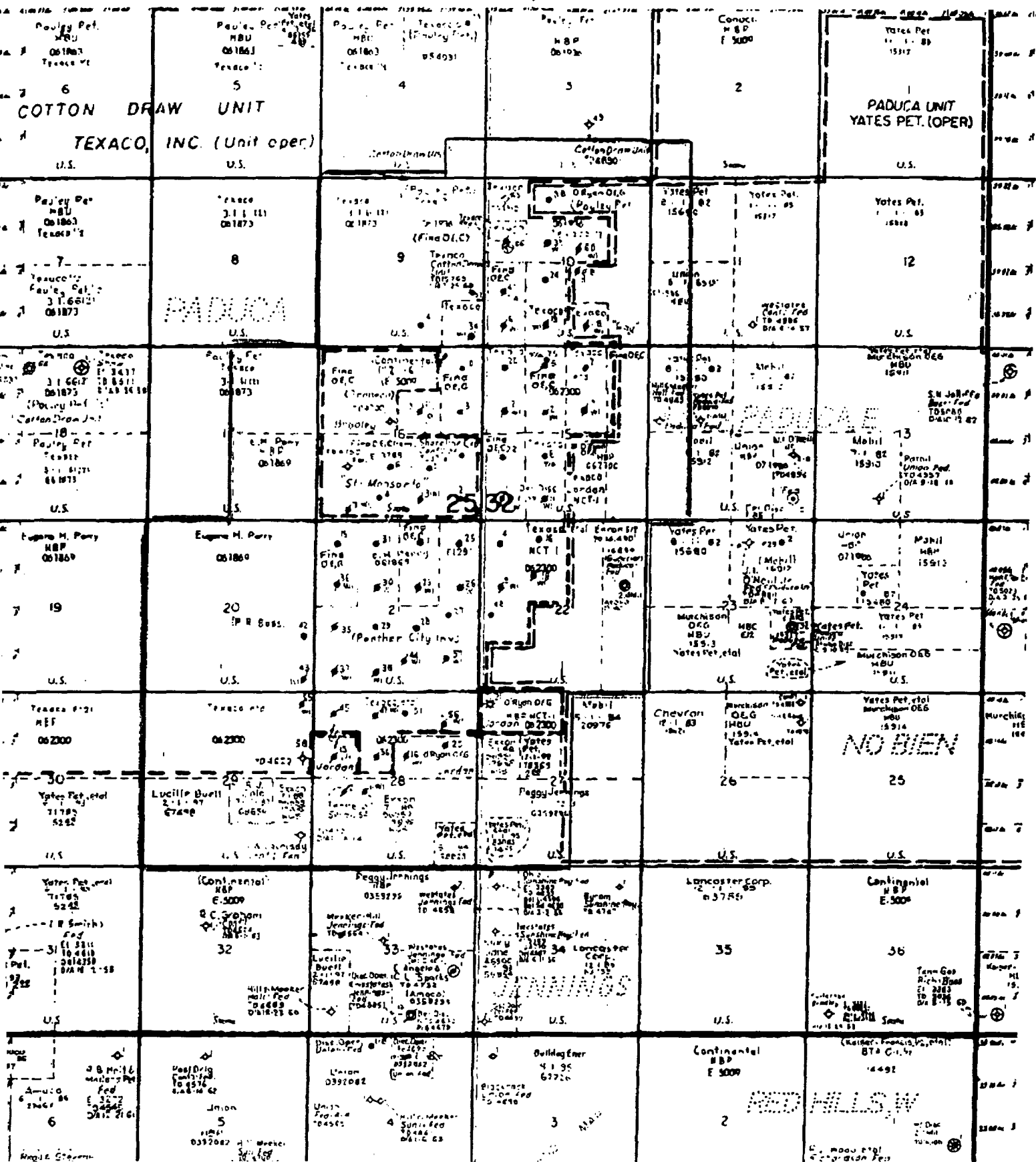
TD: 4756'

0 - 4753' 4.5" OD 9.50#/ft PROD CSG

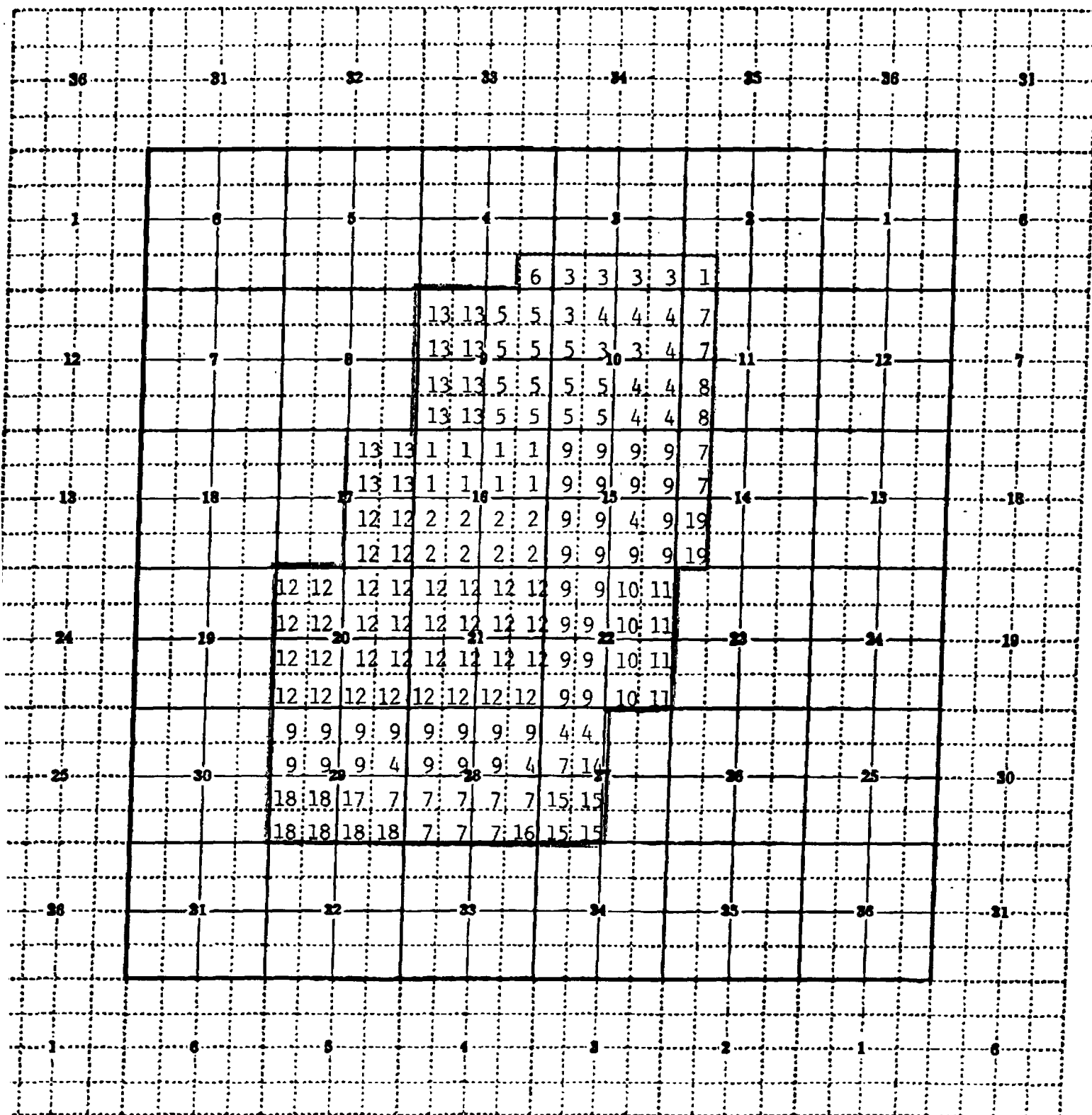
FYI

COTTON DRAW UNIT
(DELAWARE SAND FORMATION)
T-25-S, R-32-E, NMPM
LEA COUNTY, NEW MEXICO
OCTOBER 29, 1992

RPT-MISC
186150-T1



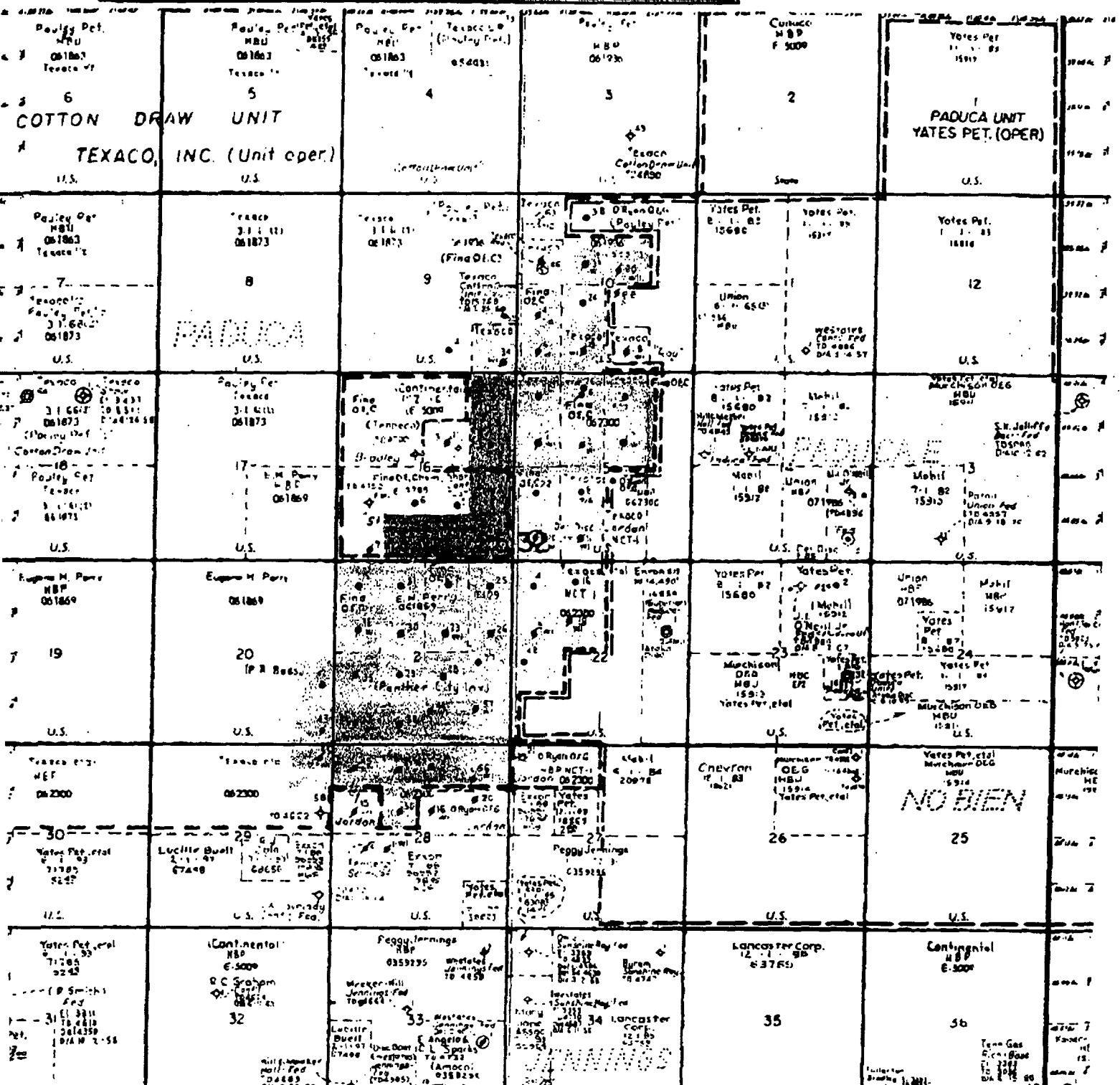
U / # : UUUU UU UU



**COTTON DRAW UNIT
LEA COUNTY, NEW MEXICO**

SURFACE OWNERSHIP

	Bureau of Land Management P. O. Box 27115 Santa Fe, New Mexico 87502-7115
	State of New Mexico P. O. Box 1148 Santa Fe, New Mexico 87504-1148



COTTON DRAW UNIT
(DELAWARE SAND FORMATION)
T-25-S, R-32-E, NMPM
LEA COUNTY, NEW MEXICO
OCTOBER 29, 1992

<u>TRACT</u>	<u>OPERATOR</u>	<u>LEASE</u>
1	Conoco, Inc.	E-5009-1
2	Fina Oil & Chemical Co.	E-9789-1
3	Texaco Exploration & Production Inc. Devon Energy Corporation Devon Energy Partners	LC-061936
4	O'Ryan Oil & Gas Company Devon Energy Corporation Devon Energy Partners	LC-061936
5	Texaco Exploration & Production Inc. Devon Energy Corporation Devon Energy Partners	LC-061936A
6	Texaco Exploration & Production Inc. Devon Energy Corporation Devon Energy Partners	NM-054031
7	Bureau of Land Management	Unleased
8	Union Oil Company of California	LC-071986
9	Texaco Exploration & Production Inc. Devon Energy Corporation Devon Energy Partners	LC-062300
10	Enron Oil & Gas Company	LC-062300
11	Enron Oil & Gas Company	NM-16354
12	Lee M. Bass, Inc. Sid R. Bass, Inc. Keystone, Inc. Thru Line Inc. Perry R. Bass, Inc.	LC-061869
13	Texaco Exploration & Production Inc. Devon Energy Corporation Devon Energy Partners	LC-061873-B
14	Yates Drilling Company Myco Industries ABO Petroleum Corp. Yates Petroleum Company	NM-78269
15	Lee M. Bass, Inc. Sid R. Bass, Inc. Keystone, Inc. Thru Line Inc.	NM-0359295-A

Perry R. Bass, Inc.

16	Yates Drilling Company Myco Industries ABO Petroleum Corp. Yates Petroleum Company	NM-58823
17	Richard J. Coles	NM-68656
18	Christian F. Murer	NM-67498
19	Mobil Producing Texas & NM Inc.	NM-15912

IMAGED



COTTON DRAW UNIT
(DELAWARE SAND FORMATION)
T-25-S, R-32-E, NMPM
LEA COUNTY, NEW MEXICO
OCTOBER 29, 1992

Conoco, Inc.
P. O. Box 1959
Midland, Texas 79702

Fina Oil & Chemical Company
P. O. Box 2990
Midland, Texas 79702

O'Ryan Oil & Gas Company
P. O. Box 14821
Odessa, Texas 79768

Texaco Exploration & Production Inc.
P. O. Box 2100
Denver, Colorado 80201

Devon Energy Partners
Devon Energy Corporation
20 North Broadway, Suite 1500
Oklahoma City, Oklahoma 73102

Bureau of Land Management
P. O. Box 27115
Santa Fe, New Mexico 87502-7115

Union Oil Company of California
P. O. Box 3100
Midland, Texas 79702

Enron Oil & Gas Company
P. O. Box 2267
Midland, Texas 79702

✓ Lee M. Bass, Inc.
Sid R. Bass, Inc.
Keystone, Inc.
Thru Line Inc.
Perry R. Bass, Inc.
201 Main St., Suite 3100
Fort Worth, Texas 76102

✓ Yates Drilling Company
Myco Industries
ABO Petroleum Corp.
Yates Petroleum Company
105 S. 4th St.
Artesia, New Mexico 88210

Richard J. Coles
1293 Richmond Road
Staten Island, New York 10304

Christian F. Murer
1645 Court Place, Suite 201
Denver, Colorado 80202

Mobil Producing Texas & New Mexico Inc.
Nine Greenway Plaza, Suite 2700
Houston, Texas 77046



OIL CONSERVATION DIVISION
RECEIVED

'92 NOV 12 AM 8 28

November 9, 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-3314 and R-3914
Texaco Exploration and Production Inc.
Cotton Draw Unit, Paduca Delaware Formation
T-25-S, R-32-E, Lea County, New Mexico

Gentlemen:

Texaco Exploration and Production Inc. respectfully requests administrative approval for the expansion of the Cotton Draw Unit. The six wells designated in the previously sent application will not be drilled, as stated on the initial letter, but will be converted from existing wells for 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 Cotton Draw Unit Waterflood Project covered by R-3314 and R-3914 be expanded to include the conversion of the six injection wells. Administration approval is requested so that the necessary operations can be advanced in a prudent manner.

Attached is the legal notice which was published October 22, 1992 by the Hobbs Daily News-Sun. This document was not included in the initial package. 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

attachment

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

Oct. 22, 1992
and ending with the issue dated

Oct. 22, 1992

Kathi Bearden
General Manager

Sworn and subscribed to before

me this 30 day of

Oct, 1992

Paula Parrish
Notary Public

My Commission expires _____

Aug. 5, 1995
(Seal)

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

LEGAL NOTICE
October 22, 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: Cotton Draw Unit

Well Number(s) and Location(s):

2 - Unit Letter F, 1980'FNL & 1980'FWL, Section 15, T25S, R32E

3 - Unit Letter H, 1980'FNL & 660' FEL, Section 16, T25S, R32E

11 - Unit Letter N, 660'FSL & 1980'FWL, Section 15, T25S, R32E

19 - Unit Letter N, 660'FSL & 1980'FWL, Section 10, T25S, R32E

26 - Unit Letter H, 1980'FNL & 660'FEL, Section 21, T25S, R32E

30 - Unit Letter F, 1980'FNL & 1980'FWL, Section 21, T25S, R32E

The injection formation is Paduca ~~Delaware~~ at a depth of 4650 feet below the surface of the ground. Expected maximum injection rate is 600 barrels per day, and expected maximum injection pressure is 1300 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 369 428 080

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Richard J. Coles
293 Richmond Road
Taten Island, NY 10304

PS Form 3800, June 1991

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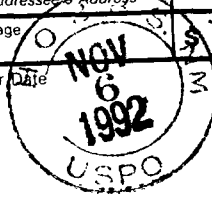
P 369 428 084

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Myco Industries
ABO Petroleum Corp.
Yates Petroleum Company
105 S. 4th St.
Artesia, New Mexico 88210

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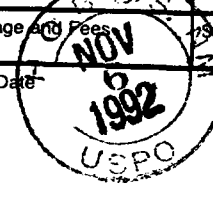
P 365 085 112

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NOT FOR INTERNATIONAL MAIL

Lee M. Bass, Inc.
Sid R. Bass, Inc.
Keystone, Inc.
Thru Line, Inc.
Perry R. Bass, Inc.
201 Main St., Suite 3100
Fort Worth, TX 76102

PS Form 3800, June 1985

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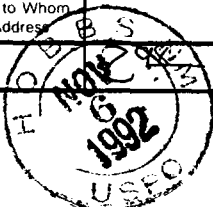
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Enron Oil & Gas Co.
P.O. Box 2267
Midland, TX 79702

PS Form 3800, June 1991

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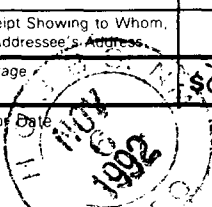
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Christian F. Murer
1645 Court Place
Denver, CO 80202

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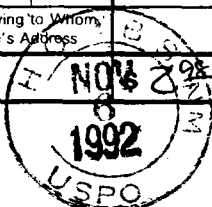
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Mobil Producing TX & NM
Nine Greenway Plaza
Suite 2700
Houston, TX 77046

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of envelope to the

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O'Ryan Oil & Gas
P. O. Box 14821
Odessa, TX 79768

P.O., State and ZIP Code

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P. O. Box 2990
Midland, TX 79702

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P. O. Box 3100
Midland, TX 79702

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Devon Energy Partners
Devon Energy Corp.
20 North Broadway
Suite 1500
Oklahoma City, OK 73102

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