

Case 10867

APPLICATION FOR AUTHORIZATION TO INJECT

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

II. Operator: ONY USA Inc.

Address: P. O. Box 50250, Midland, TX 79710

Contact party: Scott E. Gengler Phone: (915) 635-5325

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 R-2901
If yes, give the Division order number authorizing the project 5-5569

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.

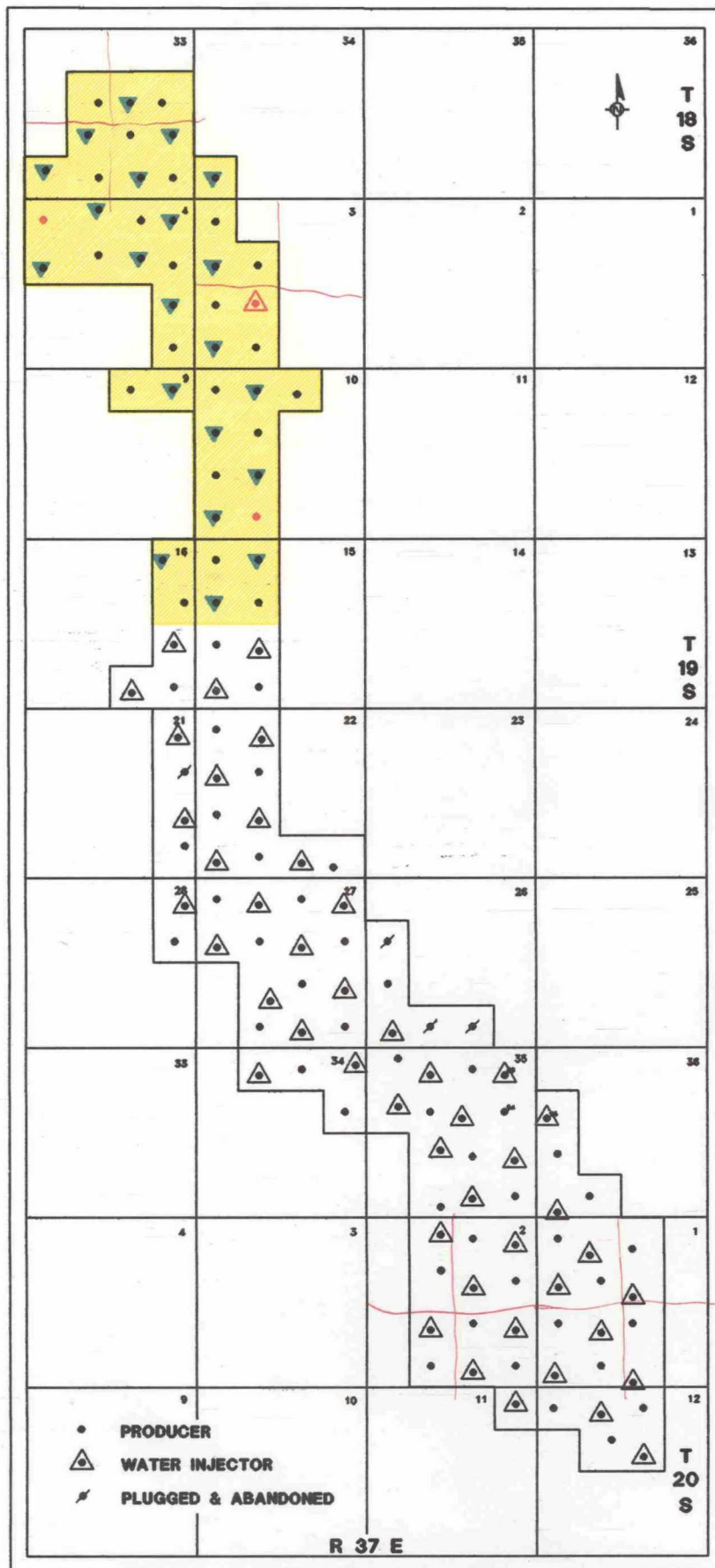
Name: Scott E. Gengler Title: Engineering Advisor

Signature: [Signature] Date: July 20, 1993

* 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. 5-5569, original application

ILLEGIBLE

OIL CONSERVATION DIVISION
NEW MEXICO
CASE NO. 10866/10867
EX-10867-1



- PROPOSED PRODUCER
- △ PROPOSED WATER INJECTOR
- ▼ CONVERT TO WATER INJECTION

OXY USA Inc. - Operator
EAST EUMONT QUEEN UNIT
 Lea County, New Mexico

PROJECT AREA

Revised: 9/7/93
 Wells Revised: 9/26/93

SERVICE LIST

Government Agencies

Bureau of Land Management
attn: Vince Baldarelli
P. O. Box 1157
Hobbs, N.M., 88240

State of New Mexico Land Office
3830 N. Grimes, Ste. C
Hobbs, N.M., 88240

Offset Operators

A & A Oilfield Service
P. O. Box 5028
Hobbs, N.M., 88241

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

Lanexco
P. O. Box 2730
Midland, Tx., 79702

Ralph E. Erwin
P. O. Box 755
Hobbs, N.M., 88241

Surface Owners

Mrs. Bruce A. Carlin
P. O. Box 61
Hobbs, N.M., 88241

E. W. Cox
9201 W. Carlsbad Hwy.
Hobbs, N.M., 88240

James Foley
(Robert H. Huston, Jr. estate)
513 Chaparral
Belen, N.M., 87002

Muriel Terry McNeil, Trustee
P. O. Box 686
Hobbs, N.M., 88240

API 30-025-05527

Antwell Lower State "B"
Well No. 2

INJECTION WELL DATA SHEET

OOY USA Inc.

East Eumont Unit #2

2310' FNL, 1980' FEL, Sec. 33, T-18S, R-37E

G

Casing - Cement Data

Type	Size	Hole Size	Cement	TOC -	Determined BY
Surface	8 5/8"	12 1/4"	165 sx	Surface -	calculated
Production	5 1/2"	7 7/8"	250 sx	2100' -	calculated

Well Data

Injection Perforations - 3808' - 3993'
Injection Tubing - 2 3/8" Polyethylene lined
Injection Packer - Guiberson G-6
Injection Formation - Queen (Penrose)
Field - East Eumont (SR-Queen-Grayburg)
New Well Drilled For Injection - No
If new well, for what purpose was the well originally drilled - Producer
Has the well ever been perforated in any other zones - No
Give the depths to and name any underlying or overlying oil or gas zones -

None

3745 - 3750' PACKER
3808 - 3993' PERFS

0 - 4011' 5 1/2" OD PROD CSG

PBID: 4008'
TD: 4012'

② API No. 30-025-05534

Continental State C-33" Well No. 3

INJECTION WELL DATA SHEET

OOY USA Inc.

East Eumont Unit #4

1980' FSL, 1980 FWL, Sec. 33, T-18S, R-37E

K

Casing - Cement Data

Type	Size	Hole Size	Cement	TOC -	Determined By
Surface	8 5/8"	12 1/4"	225 SX	Surface	- circulated
Production	5 1/2"	7 7/8"	300 SX	2425'	- temp. survey

Well Data

Injection Perforations - 3751' - 3940'
Injection Tubing - 2 3/8" Polyethylene lined
Injection Packer - Guiberson G-6
Injection Formation - Queen (Penrose)
Field - East Eumont (SR-Queen-Grayburg)
New Well Drilled For Injection - No
If new well, for what purpose was the well originally drilled - Producer
Has the well ever been perforated in any other zones - No
Give the depths to and name any underlying or overlying oil or gas zones -

None

2425 - 4035' CEMENT

3675 - 3680' PACKER
3751 - 3940' PERFS

0 - 4035' 5 1/2" OD PROD CSG

PBTD: 3945'
TD: 4035'

API No. 30-025-05531

Continental State "C-33"

Well No. 1

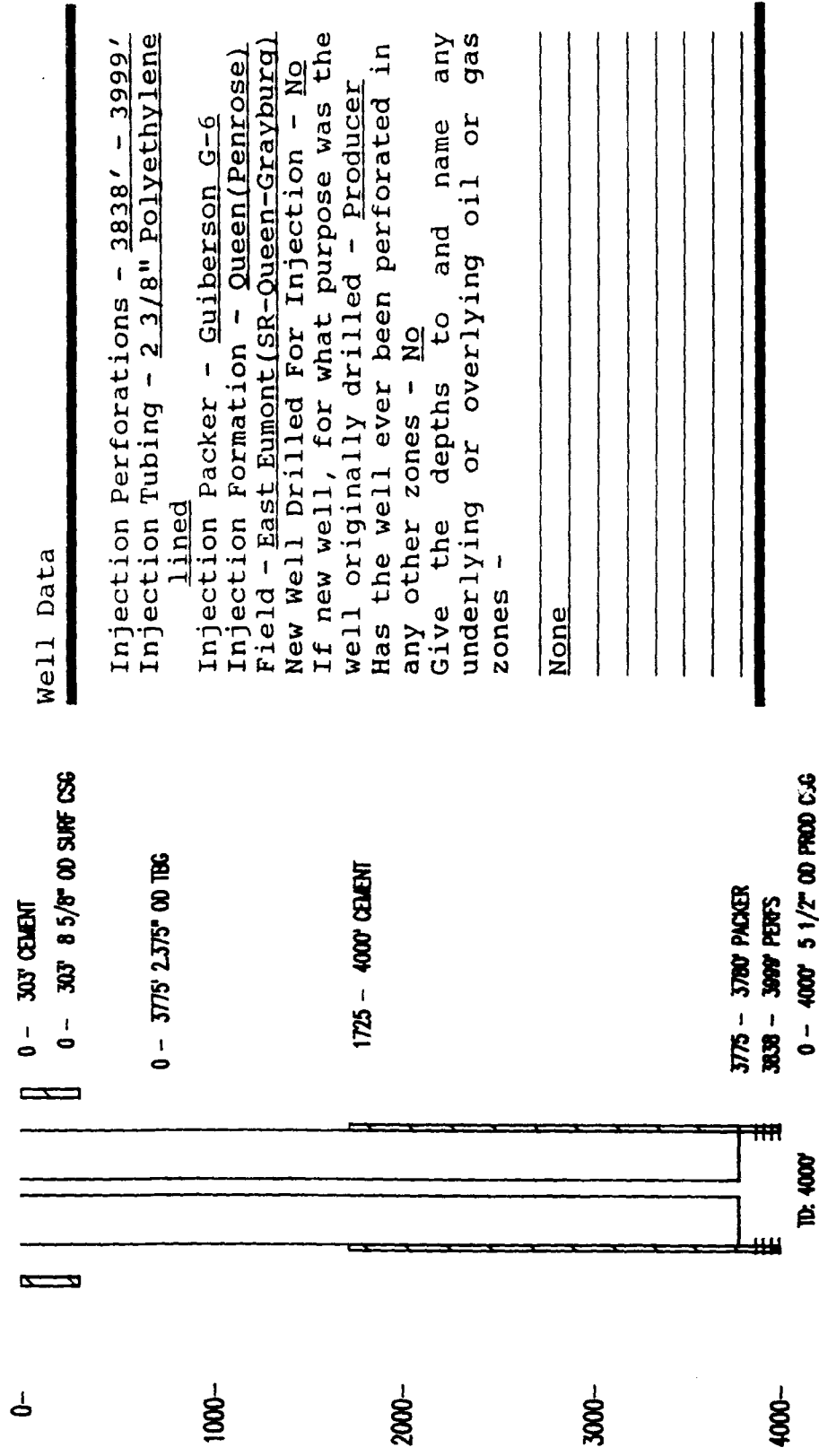
INJECTION WELL DATA SHEET

OXY USA Inc.
East Eumont Unit #6

1980 FSL 660' EML, Sec. 33, T-16S, R-37E

Casing - Cement Data

Type	Size	Hole Size	Cement	TOC -	Determined By
Surface	8 5/8"	12 1/4"	275 sx	Surface -	circulated
Production	5 1/2"	7 7/8"	1225 sx	1725' -	temp. survey



Well Data

Injection Perforations - 3838' - 3999'
Injection Tubing - 2 3/8" Polyethylene lined
Injection Packer - Guiberson G-6
Injection Formation - Queen(Penrose)
Field - East Eumont(SR-Queen-Grayburg)
New Well Drilled For Injection - No
If new well, for what purpose was the well originally drilled - Producer
Has the well ever been perforated in any other zones - No
Give the depths to and name any underlying or overlying oil or gas zones -

None

3775 - 3780' PACKER
3838 - 3999' PERFS
0 - 4000' 5 1/2" OD PROD C.S.G

TD: 4000'

API No. 30-025-05536

Schermerhorn Linnam "B"

Well No. 1

INJECTION WELL DATA SHEET

OKY USA Inc.

East Eumont Unit #7

880' FSL, 660' FWL, Sec. 33, T-18S, R-37E

M

Casing - Cement Data

Type	Size	Hole Size	Cement	TOC	Determined By
Surface	8 5/8"	11"	800 sx	300'	calculated
Production	5 1/2"	7 7/8"	400 sx	2430'	calculated

0 - 1541' CEMENT	Injection Perforations - 3716' - 3910'
	Injection Tubing - 2 3/8" Polyethylene lined
	Injection Packer - Guiberson G-6
	Injection Formation - Queen (Penrose)
	Field - East Eumont (SR-Queen-Grayburg)
	New Well Drilled For Injection - No
	If new well, for what purpose was the well originally drilled - Producer
	Has the well ever been perforated in any other zones - No
	Give the depths to and name any underlying or overlying oil or gas zones -

None

2430 - 3965' CEMENT

3625 - 3630' PACKER
3716 - 3910' PERFS

0 - 3961' 5 1/2" OD PROD CSG

PBID: 3918'
ID: 3965'

API No. 30-025-05530

Aztec State "E-33-A"

Well No. 2

INJECTION WELL DATA SHEET

OGY USA Inc.

East Eumont Unit #0

660' FSL, 1650' FEL, Sec. 33, T-18S, R-37E O

Casing - Cement Data

Type	Size	Hole Size	Cement	TOC -	Determined By
Surface	8 5/8"	11"	275 sx	Surface -	circulated
Production	5 1/2"	7 7/8"	500 sx	2060' -	temp. survey

Well Data

Injection Perforations - 3799' - 3962'
Injection Tubing - 2 3/8" Polyethylene lined
Injection Packer - Guiberson G-6
Injection Formation - Queen (Penrose)
Field - East Eumont (SR-Queen-Grayburg)
New Well Drilled For Injection - No
If new well, for what purpose was the well originally drilled - Producer
Was the well ever been perforated in any other zones - No
Give the depths to and name any underlying or overlying oil or gas zones -

None

3715 - 3720' PACKER
3799 - 3962' PERFS

0 - 4096' 5 1/2" OD PROD CSG

PBID: 4070'
ID: 4096'

6' API No. 30-025-05538

Tidewater State "AH"

Well No. 1

INJECTION WELL DATA SHEET

OOY USA Inc.

East Eumont Unit #11

660' FSL, 660' FML, Sec. 34, T-18S, R-37E

11

Casing - Cement Data

Type	Size	Hole Size	Cement	TOC -	Determined By
Surface	8 5/8"	11"	300 SX	Surface	- circulated
Production	5 1/2"	7 3/4"	800 SX	2055'	- temp. svy.

Well Data

0 - 371' CEMENT	Injection Perforations - 3797' - 3970'
0 - 371' 8 5/8" OD SURF CSG	Injection Tubing - 2 3/8" Polyethylene lined
0 - 3715' 2.375" OD TBG	Injection Packer - Guiberson G-6
2055 - 4012' CEMENT	Injection Formation - Queen (Penrose)
	Field - East Eumont (SR-Queen-Grayburg)
	New Well Drilled For Injection - NO
	If new well, for what purpose was the
	well originally drilled - Producer
	Has the well ever been perforated in
	any other zones - NO
	Give the depths to and name any
	underlying or overlying oil or gas
	zones -

None

3715 - 3720' PACKER
3797 - 3970' PERFS

0 - 4012' 5 1/2" OD PROD CSG

PBTD: 4005'
TD: 4015'

API No. 30-025-05551

Schermerhorn

Linum "F" #1

INJECTION WELL DATA SHEET

OXY USA Inc.

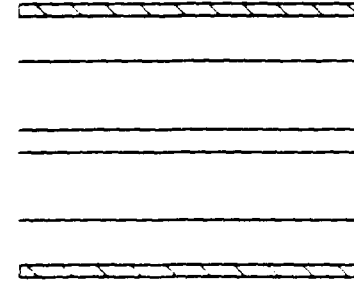
East Eumont Unit #12

273' FNL, 2400' FWL, Sec. 4, T-19S, R-37E C

Casing - Cement Data

Type	Size	Hole Size	Cement	TOC -	Determined By
Surface	8 5/8"	11"	750 SX	Surface -	calculated
Production	5 1/2"	7 3/4"	550 SX	2630' -	calculated

0 - 1611' CEMENT



0 - 1611' 8 5/8" OD SURF CSG

0 - 3685' 2.375" OD IBG

2630 - 4080' CEMENT

3685 - 3690' PACKER
3765 - 3950' PERFS

ID: 4080'

Well Data

Injection Perforations - 3765' - 3950'
Injection Tubing - 2 3/8" Polyethylene lined
Injection Packer - Guiberson G-6
Injection Formation - Queen (Penrose)
Field - East Eumont (SR-Queen-Graybur.)
New Well Drilled For Injection - NO
If new well, for what purpose was the well originally drilled - Producer
Has the well ever been perforated in any other zones - NO
Give the depths to and name any underlying or overlying oil or gas zones -

None

API 30-025-05557

Mrs. Jimmy

Terace - Saunders Federal

#1

INJECTION WELL DATA SHEET

OOY USA Inc.

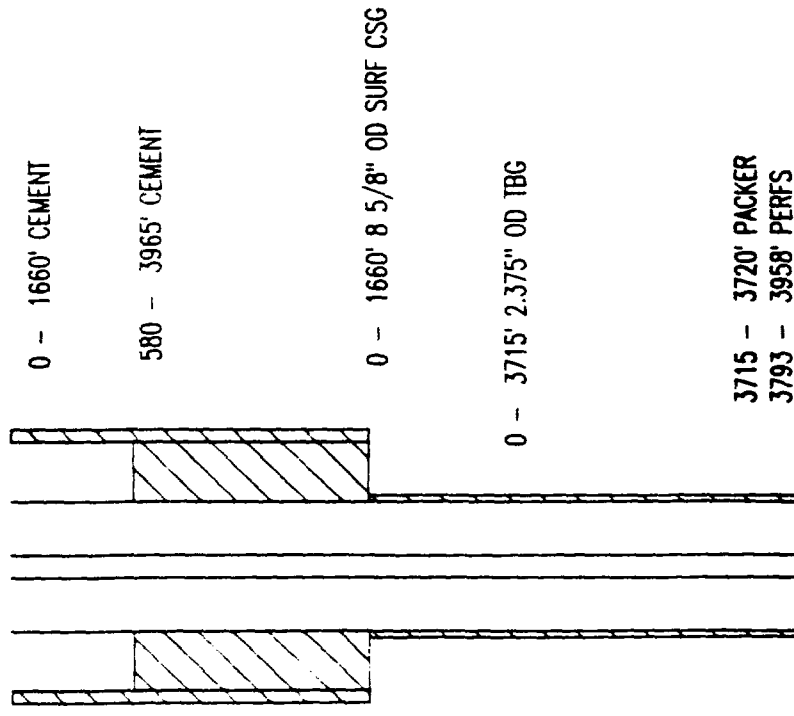
East Eumont Unit #14

660' FNL, 660' FEL, Sec. 4, T-19S, R-37E A

Casing - Cement Data

Type	Size	Hole Size	Cement	TOC -	Determined By
Surface	8 5/8"	11"	900 sx	Surface	- calculated
Production	4 1/2"	6 3/4"	700 sx	580'	- calculated

Well Data



Injection Perforations - 3793' - 3958'
Injection Tubing - 2 3/8" Polyethylene lined
Injection Packer - Guiberson G-6
Injection Formation - Queen (Penrose)
Field - East Eumont (SR-Queen-Grayburg)
New Well Drilled For Injection - No
If new well, for what purpose was the well originally drilled - Producer
Has the well ever been perforated in any other zones - No
Give the depths to and name any underlying or overlying oil or gas zones -

None

PBTD: 3962'

TH: 1965'

API # 30-025-05544

Schermerhorn Linum #1

INJECTION WELL DATA SHEET

OOY USA Inc.

East Eumont Unit #16

2144' FNL, 589' FNL, Sec. 4, T-18S, R-37E E

Casing - Cement Data

Type	Size	Hole Size	Cement	TOC -	Determined By
Surface	8 5/8"	11"	175 sx	Surface -	calculated
Production	5 1/2"	7 7/8"	200 sx	3100' -	calculated

Well Data

0 - 324' CEMENT	Injection Perforations - 3720' - 3956'
0 - 324' 8 5/8" OD SURF CSG	Injection Tubing - 2 3/8" Polyethylene lined
	Injection Packer - Guiberson G-6
	Injection Formation - Queen(Penrose)
	Field - East Eumont(SR-Queen-Grayburg)
	New Well Drilled For Injection - No
	If new well, for what purpose was the
	well originally drilled - <u>Producer</u>
	Has the well ever been perforated in
	any other zones - <u>No</u>
	Give the depths to and name any
	underlying or overlying oil or gas
	zones -

None

3100 - 3835' CEMENT

3645 - 3650' PACKER

3720 - 3856' PERFS

0 - 3864' 5 1/2" OD PROD CSG

3864 - 3956' 4.75" OD HOLE

TD: 3956'

API No. 30-025-05547

Atlantic Federal "A"

Well No. 2

INJECTION WELL DATA SHEET

OOY USA Inc.

East Eumont Unit #18

1837' FNL, 1650' FEL, Sec. 4, T-19S, R-37E

G

Casing - Cement Data

Type	Size	Hole Size	Cement	TOC -	Determined By
Surface	8 5/8"	11"	340 sx	Surface	- circulated
Production	5 1/2"	7 7/8"	1230 sx	Surface	- circulated

Well Data

0 - 423' CEMENT	Injection Perforations - 3753' - 3916'
0 - 423' 8 5/8" OD SURF CSG	Injection Tubing - 2 3/8" Polyethylene lined
0 - 4010' CEMENT	Injection Packer - Guiberson G-6
	Injection Formation - Queen (Penrose)
	Field - East Eumont (SR-Queen-Grayburg)
	New Well Drilled For Injection - No
	If new well, for what purpose was the
	well originally drilled - Producer
	Has the well ever been perforated in
	any other zones - No
	Give the depths to and name any
	underlying or overlying oil or gas
	zones -

None

3753 - 3916' PERFS
3675 - 3680' PACKER

0 - 4010' 5 1/2" OD PROD CSG

PBTD: 3960'
TD: 4010'

API No. 30-025-04879

Aztec State "E-3"

#1

INJECTION WELL DATA SHEET

OOY USA Inc.

East Edmund Unit #20

2064' FNL, 660' EEL, Sec. 3, T-19S, R-37E E

Casing - Cement Data

Type	Size	Hole Size	Cement	TOC -	Determined By
Surface	8 5/8"	12 1/4	330 sx	Surface -	circulated
Production	5 1/2"	7 7/8"	675 sx	1660' -	calculated

Well Data

Injection Perforations - 3775' - 3954'
Injection Tubing - 2 3/8" Polyethylene lined
Injection Packer - Guiberson G-6
Injection Formation - Queen (Penrose)
Field - East Fumont (SR-Queen-Grayburg)
New Well Drilled For Injection - No
If new well, for what purpose was the well originally drilled - Producer
Has the well ever been perforated in any other zones - No
Give the depths to and name any underlying or overlying oil or gas zones -

None

3695 - 3700' PACKER
3775 - 3954' PERFS

0 - 4004' 5 1/2" OD PROD CSG

PBTD: 3990'

API # 30-065-05553

Texaco Z.A. McMillan

"B" Well No. 2

INJECTION WELL DATA SHEET

OXY USA Inc.

East Eumont Unit #22

1983 FSL 660' FEL, Sec. 4, T-19S, R-37E J

Casing - Cement Data

Type	Size	Hole Size	Cement	TOC -	Determined By
Surface	8 5/8"	11"	900 sx	Surface -	circulated
Production	5 1/2"	7 7/8"	550 sx	2125' -	temp. svy.

Well Data

0 - 1650' CEMENT

0 - 1650' 8 5/8" OD SURF CSG

0 - 3665' 2.375" OD TBG

2125 - 3950' CEMENT

3665 - 3670' PACKER

3750 - 3919' PERFS

0 - 3949' 5 1/2" OD PROD CSG

Injection Perforations - 3750' - 3919'

Injection Tubing - 2 3/8" Polyethylene lined

Injection Packer - Guiberson G-6

Injection Formation - Queen(Penrose)

Field - East Eumont(SR-Queen-Grayburg)

New Well Drilled For Injection - No

If new well, for what purpose was the well originally drilled - Producer

Has the well ever been perforated in any other zones - No

Give the depths to and name any underlying or overlying oil or gas zones -

None

PBTD: 3942'

TD: 3950'

13

API 30-025-05544

Toraco Z.A. McMillan A

Well No. Z

INJECTION WELL DATA SHEET

OKY USA Inc.

East Eumont Unit #25

660' FSL, 1980' FWL, Sec. 3, T-19S, R-37E M

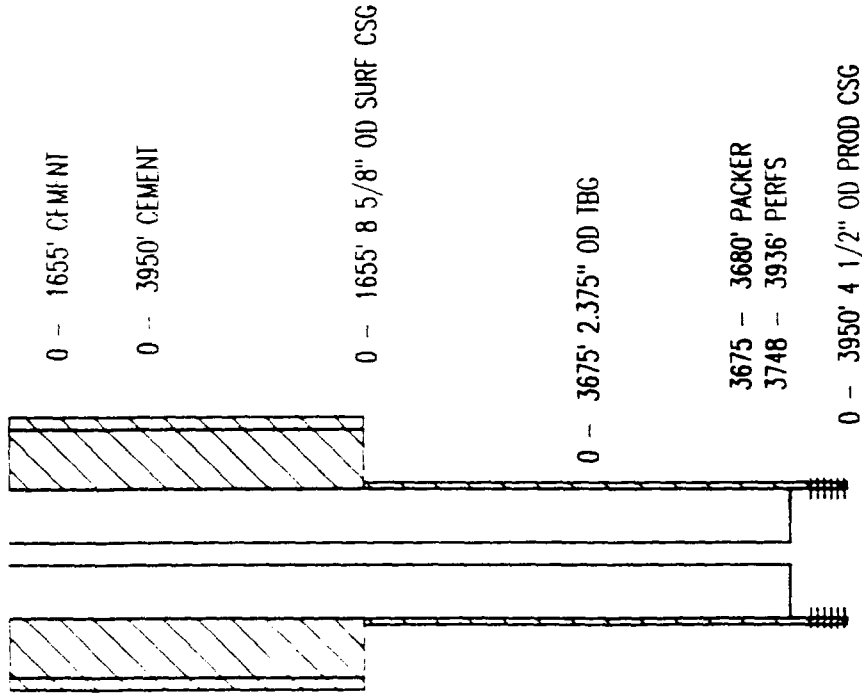
Casing - Cement Data

Type	Size	Hole Size	Cement	TOC -	Determined By
Surface	8 5/8"	11"	900 sx	Surface	- circulated
Production	4 1/2"	6 3/4"	1000 sx	Surface	- circulated

Well Data

Injection Perforations - 3748' - 3936'
Injection Tubing - 2 3/8" Polyethylene lined
Injection Packer - Guiberson G-6
Injection Formation - Queen (Penrose)
Field - East Eumont (SR-Queen-Grayburg)
New Well Drilled For Injection - No
If new well, for what purpose was the well originally drilled - Producer
Has the well ever been perforated in any other zones - No
Give the depths to and name any underlying or overlying oil or gas zones -

None



PBTD: 3947'

TD: 3950'

API 30-025-05583

Tidewater State "AD"
Well No. 1

INJECTION WELL DATA SHEET

OOY USA Inc.

East Eumont Unit #28

660' FNL, 660' FEL, Sec. 9, T-19S, R-37E A

Casing - Cement Data

Type	Size	Hole Size	Cement	TOC -	Determined By
Surface	8 5/8"	11"	300 SX	Surface	- circulated
Production	5 1/2"	7 3/4"	650 SX	1580'	- temp. svy.

Well Data

0 - 486' CEMENT

0 - 486' 8 5/8" OD SURF CSG

0 - 3695' 2.375" OD TBC

1580 - 3975' CEMENT

3695 - 3700' PACKER

3782 - 3954' PERFS

0 - 3975' 5 1/2" OD PROD CSG

Injection Perforations - 3782' - 3954'

Injection Tubing - 2 3/8" Polyethylene lined

Injection Packer - Guiberson G-6

Injection Formation - Queen(Penrose)

Field - East Eumont(SR-Queen-Grayburg)

New Well Drilled For Injection - No

If new well, for what purpose was the well originally drilled - Producer

Has the well ever been perforated in any other zones - No

Give the depths to and name any underlying or overlying oil or gas zones -

None

PBTD: 3969'

TD: 3975'

API-30-025-05586

Artec State "E-10"

Well No. 2

INJECTION WELL DATA SHEET

ONY USA Inc.

East Eumont Unit #30

680' FNL, 680' FNL, Sec. 10, T-19S, R-37E

C

690 1450

Casing - Cement Data

Type	Size	Hole Size	Cement	TOC -	Determined By
Surface	8 5/8"	12 1/4"	275 SX	Surface	- circulated
Production	5 1/2"	7 7/8"	750 SX	2050'	- temp. svy.

Well Data

Injection Perforations - 3768' - 3960'
Injection Tubing - 2 3/8" Polyethylene lined
Injection Packer - Guiberson G-6
Injection Formation - Queen(Penrose)
Field - East Eumont(SR-Queen-Grayburg)
New Well Drilled For Injection - No
If new well, for what purpose was the well originally drilled - Producer
Has the well ever been perforated in any other zones - No
Give the depths to and name any underlying or overlying oil or gas zones -

None

0 - 340' CEMENT
0 - 340' 8 5/8" OD SURF CSG

0 - 3685' 2.375" OD IBC

2030 - 4096' CEMENT

3685 - 3690' PACKER
3768 - 3960' PERFS

0 - 4096' 5 1/2" OD PROD CSG

PBTD: 3970'
TD: 4096'

Well Mr. Z.

INJECTION WELL DATA SHEET

ONLY USA Inc.

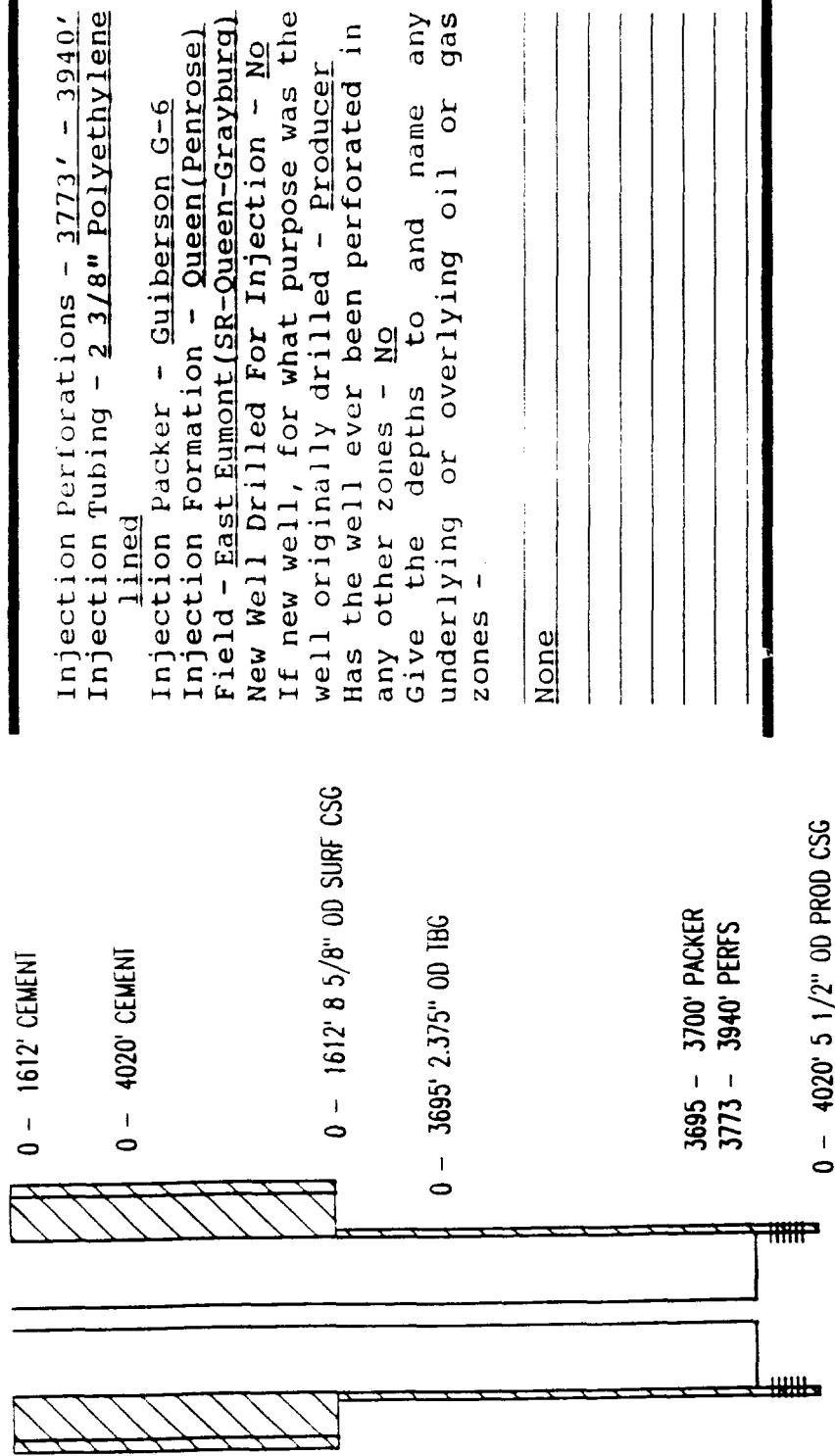
East Eumont Unit #32

1980' FNL, 660' FNL, Sec. 10, T-19S, R-37E E

Casing - Cement Data

Type	Size	Hole Size	Cement	TOC -	Determined By
Surface	8 5/8"	12 1/4"	950 sx	Surface -	circulated
Production	5 1/2"	7 7/8"	890 sx	Surface -	circulated

Well Data



PBTD: 4010'

ID: 4020'

API No. 30-025-05591

Humble

New Mexico State "E"

Well No. 4

COY USA Inc.

East Eumont Unit #35

INJECTION WELL DATA SHEET

1980' FSL, 1980' FWL, Sec. 10, T-19S, R-37E

K

Casing - Cement Data

Type	Size	Hole Size	Cement	TOC -	Determined By
Surface	8 5/8"	11 1/4"	200 sx	Surface -	circulated
Production	5 1/2"	7 7/8"	1750 sx	585'	- temp. svy.

Well Data

0 - 317' CEMENT

0 - 317' 8 5/8" OD SURF CSC

585 - 4070' CEMENT

0 - 3765' 2.375" OD IBC

Injection Perforations - 3835' - 4018'

Injection Tubing - 2 3/8" Polyethylene lined

Injection Packer - Guiberson G-6

Injection Formation - Queen (Penrose)

Field - East Eumont (SR-Queen-Grayburg)

New Well Drilled For Injection - No

If new well, for what purpose was the well originally drilled - Producer

Has the well ever been perforated in any other zones - No

Give the depths to and name any underlying or overlying oil or gas zones -

None

3765 - 3770' PACKER

3835 - 4018' PERFS

0 - 4070' 5 1/2" OD PROD CSG

PBTD: 4030'

ID: 4070'

APINo 30-025-05590

Humble

New Mexico State E

Well No. 2

INJECTION WELL DATA SHEET

OOY USA Inc.

East Eumont Unit #38

660' FSL 660' FWL Sec. 10, T-19S, R-37E M

Casing - Cement Data

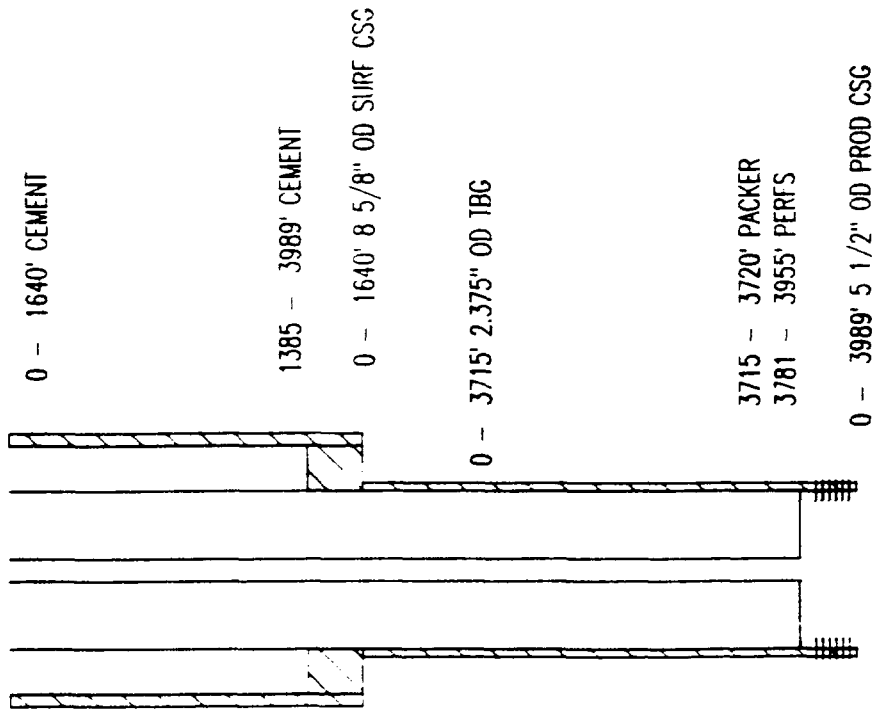
Type	Size	Hole Size	Cement	TOC -	Determined By
Surface	8 5/8"	11"	950 sx	Surface	- circulated
Production	5 1/2"	7 7/8"	1050 sx	1385'	- temp. svy.

Well Data

Injection Perforations - 3781' - 3955'
Injection Tubing - 2 3/8" Polyethylene lined

Injection Packer - Guiberson G-6
Injection Formation - Queen (Penrose)
Field - East Eumont (SR-Queen-Grayburg)
New Well Drilled For Injection - No
If new well, for what purpose was the well originally drilled - Producer
Has the well ever been perforated in any other zones - No
Give the depths to and name any underlying or overlying oil or gas zones -

None



PBTD: 3988'

TD: 3989'

API # 30-025-05607

INJECTION WELL DATA SHEET

OOY USA Inc.

East Eumont Unit #37

660' FBL, 990' FEL, Sec. 16, T-19S, R-37E A

Continental

State "H-16" well No. 3

Casing - Cement Data

Type	Size	Hole Size	Cement	TOC -	Determined By
Surface	8 5/8"	11"	225 sx	Surface	- circulated
Production	5 1/2"	7 7/8"	400 sx	2410'	- calculated

Well Data

Injection Perforations - 3765' - 3934'
Injection Tubing - 2 3/8" Polyethylene lined
Injection Packer - Guiberson G-6
Injection Formation - Queen(Penrose)
Field - East Eumont(SR-Queen-Grayburg)
New Well Drilled For Injection - NO
If new well, for what purpose was the well originally drilled - Producer
Has the well ever been perforated in any other zones - No
Give the depths to and name any underlying or overlying oil or gas zones -

None

3695 - 3700' PACKER
3765 - 3934' PERFS

0 - 3943' 5 1/2" OD PROD CSG

PBID: 3942'
ID: 3950'

API # 30-025-05602

Tidewater

State "AI"

Well No. 4

INJECTION WELL DATA SHEET

OXY USA Inc.

East Eumont Unit #30

660' FNL, 1980' FML, Sec. 15, T-19S, R-37E

C

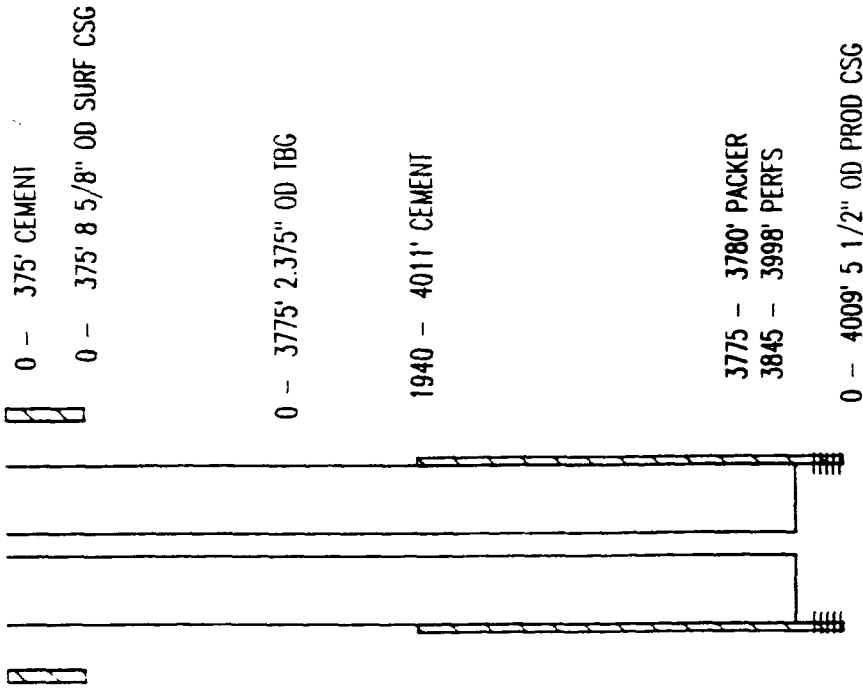
Casing - Cement Data

Type	Size	Hole Size	Cement	TOC -	Determined By
Surface	8 5/8"	12 1/4"	300 sx	Surface	- circulated
Production	5 1/2"	7 7/8"	800 sx	1940'	- temp. svy.

Well Data

Injection Perforations - 3845' - 3998'
Injection Tubing - 2 3/8" Polyethylene lined
Injection Packer - Guiberson G-6
Injection Formation - Queen(Penrose)
Field - East Eumont(SR-Queen-Grayburg)
New Well Drilled For Injection - No
If new well, for what purpose was the well originally drilled - Producer
Has the well ever been perforated in any other zones - No
Give the depths to and name any underlying or overlying oil or gas zones -

None



PBTD: 4005'

0 - 4009' 5 1/2" OD PROD CSG

3775 - 3780' PACKER
3845 - 3998' PERFS

0 - 3775' 2.375" OD IBG

1940 - 4011' CEMENT

0 - 375' CEMENT

0 - 375' 8 5/8" OD SURF CSG

API No. 30-025-05600

Tidewater State "AT"

Well No. 2

INJECTION WELL DATA SHEET

OGY USA Inc.

East Eumont Unit #41

1900' FNL, 680' FNL, Sec. 15, T-19S, R-37E E

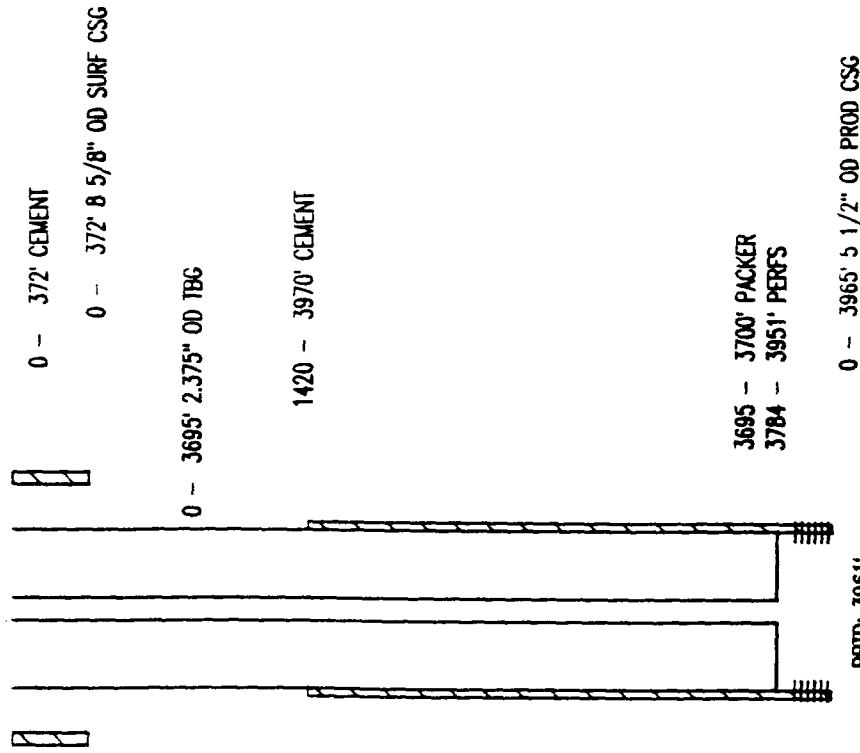
Casing - Cement Data

Type	Size	Hole Size	Cement	TOC -	Determined By
Surface	8 5/8"	12 1/4"	275 sx	Surface	- circulated
Production	5 1/2"	7 7/8"	1000 sx	1420'	- temp. svy.

Well Data

Injection Perforations - 3784' - 3951'
Injection Tubing - 2 3/8" Polyethylene lined
Injection Packer - Guiberson G-6
Injection Formation - Queen(Penrose)
Field - East Eumont(SR-Queen-Grayburg)
New Well Drilled For Injection - No
If new well, for what purpose was the well originally drilled - Producer
Has the well ever been perforated in any other zones - No
Give the depths to and name any underlying or overlying oil or gas zones -

None



0 - 3965' 5 1/2\" OD PROD CSG

PBTD: 3961'
TD: 3970'

3695 - 3700' PACKER
3784 - 3951' PERFS

INJECTION WELL DATA SHEET

QNY USA Inc.

Proposed East Eumont Unit # 133

1980' FSL # 1980' FWL, Sec 3, T-19S; R-37E

Casing - Cement Data

Type	Size	Hole Size	Cement	TOC -	Determined By
Surface	8 5/8"	11"	300 SX	Surface	circulated
Production	5 1/2"	7 7/8"	1300 SX	Surface	circulated

Well Data

0 - 350 CEMENT	Injection Perforations - 3700' - 4000'
0 - 350 8 5/8" OD SURF CSG	Injection Tubing - 2 3/8" Polyethylene lined
0 - 4050 CEMENT	Injection Packer - Guiberson G-6
0 - 3615 2.375" OD TBG	Injection Formation - Queen (Penrose) Field - East Eumont (SR-Queen-Grayburg) New Well Drilled For Injection -
	If new well, for what purpose was the well originally drilled - Injection
	Has the well ever been perforated in any other zones - No
	Give the depths to and name any underlying or overlying oil or gas zones -

None

3700' - 4000' PERFS
3615' - 3620' PACKER

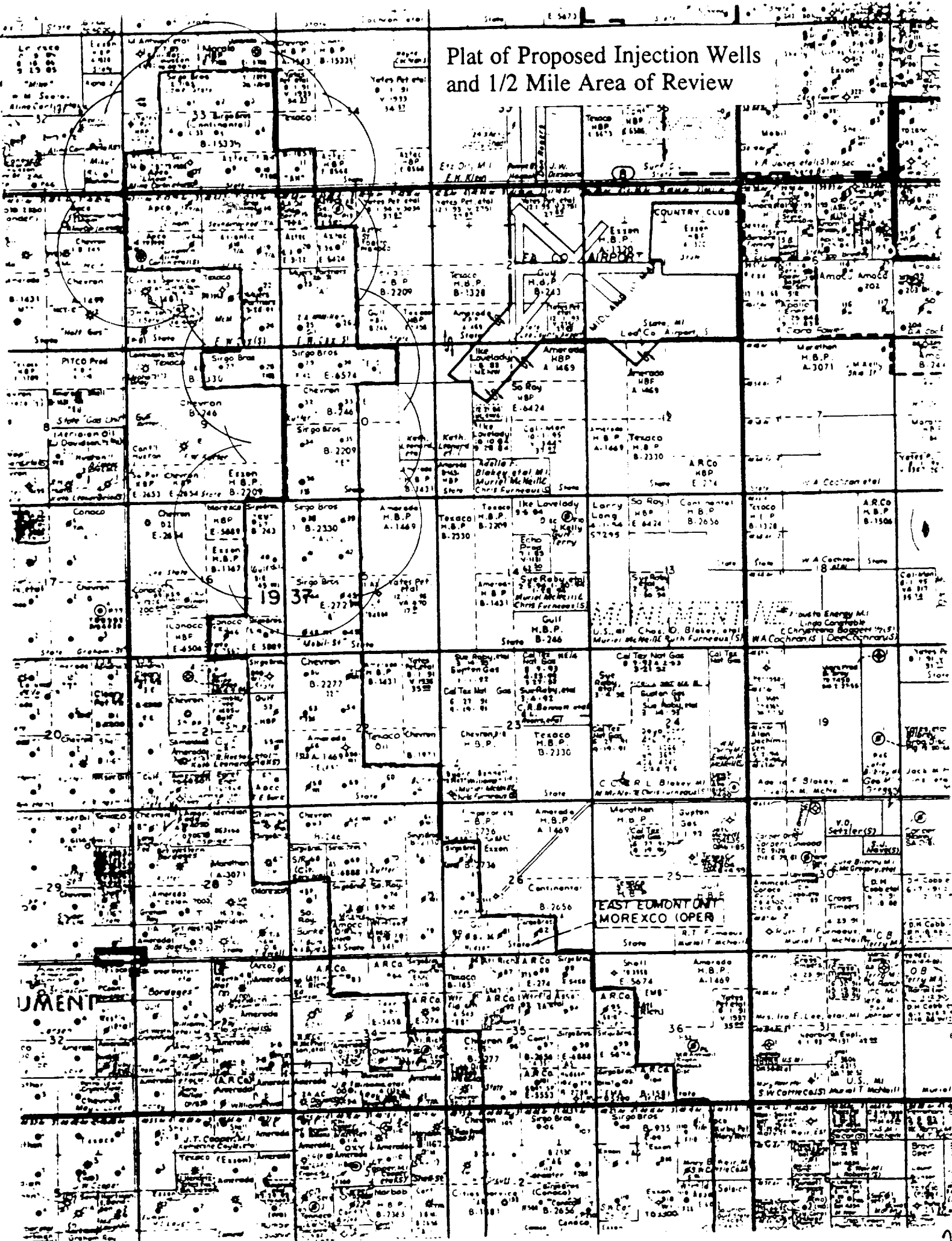
0 - 4050' 5 1/2" OD PROD CSG

PBID: 4020'
TD: 4050'

NOTE: All depths are approximated

24A

Plat of Proposed Injection Wells and 1/2 Mile Area of Review



OFFSET WELL DATA

	Mike Well #1	Mike Well #3	State WH "A" Well #1	Lowie State Well #1	Ohio State Well #1
Location	660' FSL, 660' FEL Sec. 32, T-18S, R-37E	1650' FSL, 990' FEL Sec. 32, T-18S, R-37E	660' FSL, 660' FEL Sec. 33, T-18S, R-37E	660' FNL, 660' FWL Sec. 33, T-18S, R-37E	2310' FSL, 330' FWL Sec. 33, T-18S, R-37E
Operator	LANEXCO	LANEXCO	AMEXCO	MORRIS R. ANTWEIL	GORDON M. CONE
Date Drilled	06/09/84	09/11/84	12/30/49	06/12/55	02/09/49
Well Type	Producer	Producer	f & A	P & A	P & A
Casing	8-5/8" @ 407' Cmtd w/ 200 sx 5-1/2" @ 4426' Cmtd w/ 800 sx	8-5/8" @ 419' Cmtd w/ 250 sx 5-1/2" @ 4237' Cmtd w/ 600 sx	10-3/4" @ 375' Cmtd w/ 275 sx 7-5/8" @ 2828' Cmtd w/ 850 sx Top of 7-5/8" @ 1223'	8-5/8" @ 305' Cmtd w/ 150 sx 5-1/2" @ 4100' Cmtd w/ 150 sx	8-5/8" @ 1600' Cmtd w/ N/A sx 5-1/2" @ 3700' Cmtd w/ 500 sx
Total Depth	4400'	4150'	4500'	4000'	3700'
Completion	Grayburg perms @ 3924' - 4188'	Grayburg perms @ 4075' - 4078', 4133' - 4137', 4165' - 4168'	N/A	N/A	N/A

	East Eumont Unit Well #1	East Eumont Unit Well #2	East Eumont Unit Well #3	East Eumont Unit Well #4	East Eumont Unit Well #5
Location	2310' FNL, 2310' FWL Sec. 33, T-18S, R-37E	2310' FNL, 1980' FEL Sec. 33, T-18S, R-37E	2310' FNL, 990' FEL Sec. 33, T-18S, R-37E	1980' FSL, 1980' FWL Sec. 33, T-18S, R-37E	1980' FSL, 1980' FEL Sec. 33, T-18S, R-37E
Operator	OXY USA Inc.	OXY USA Inc.	OXY USA Inc.	OXY USA Inc.	OXY USA Inc.
Date Drilled	09/23/56	12/21/56	03/08/57	02/14/57	10/31/56
Well Type	Producer	Producer	Producer	Producer	Producer
Casing	8-5/8" @ 307' Cmtd w/ 150 sx 5-1/2" @ 3969' Cmtd w/ 225 sx	8-5/8" @ 301' Cmtd w/ 165 sx 5-1/2" @ 4011' Cmtd w/ 250 sx	8-5/8" @ 311' Cmtd w/ 150 sx 5-1/2" @ 4036' Cmtd w/ 250 sx	8-5/8" @ 299' Cmtd w/ 225 sx 5-1/2" @ 4035' Cmtd w/ 300 sx	8-5/8" @ 328' Cmtd w/ 275 sx 5-1/2" @ 3998' Cmtd w/ 1200 sx
Total Depth	3970'	4012'	4040'	4035'	4000'
Completion	Perrose perms @ 3908' - 3936', 3950' - 3968'	Perrose perms @ 3929' - 3935', 3953' - 3959', 3975' - 3979', 3982' - 3984', 3991 - 3993'	Perrose perms @ 3945' - 3954', 3966' - 3975', 3985' - 3990'	Perrose perms @ 3858' - 3908', 3925' - 3940', 3952' - 3964', 3970' - 3974', 3980' - 3984'	Perrose perms @ 3848' - 3860', 3868' - 3890', 3896' - 3912', 3926' - 3935', 3940' - 3954'

OFFSET WELL DATA

	East Eumont Unit Well #23	East Eumont Unit Well #25	East Eumont Unit Well #26	Z. A. McMillan "B" Well #3	State AT Well #1
Location	1982' FSL, 660' FWL Sec. 3, T-19S, R-37E	660' FSL, 660' FWL Sec. 3, T-19S, R-37E	660' FSL, 1980' FWL Sec. 3, T-19S, R-37E	660' FSL, 1980' FWL Sec. 4, T-19S, R-37E	660' FSL, 660' FWL Sec. 4, T-19S, R-37E
Operator	OXY USA Inc.	OXY USA Inc.	OXY USA Inc.	TEXACO	DON H. WILSON
Date Drilled	12/12/48	06/23/56	02/13/57	09/12/56	05/27/77
Well Type	Producer	Producer	Producer	P & A	P & A
Casing	13-3/8" @ 292' Cmtd w/ 325 sx 9-5/8" @ 3170' Cmtd w/ 1400 sx 5-1/2" @ 4023' Cmtd w/ 1000 sx	8-5/8" @ 1646' Cmtd w/ 900 sx 4-1/2" @ 3940' Cmtd w/ 1000 sx	8-5/8" @ 1650' Cmtd w/ 900 sx 4-1/2" @ 4050' Cmtd w/ 600 sx	8-5/8" @ 1597' Cmtd w/ 1300 sx 4-1/2" @ 3939' Cmtd w/ 300 sx	8-5/8" @ 310' Cmtd w/ N/A sx 5-1/2" @ 3986' Cmtd w/ 600 sx
Total Depth	7448'	3950'	4050'	3950'	3875'
Completion	Perrose perfs @ 3854' - 3934'	Perrose perfs @ 3876' - 3936'	Perrose perfs @ 3890' - 3950'	Perrose perfs @ 3714' - 3756', 3794' - 3816'	N/A

	East Eumont Unit Well #12	East Eumont Unit Well #13	East Eumont Unit Well #14	East Eumont Unit Well #16	East Eumont Unit Well #17
Location	273' FNL, 2400' FWL Sec. 4, T-19S, R-37E	660' FNL, 1652' FEL Sec. 4, T-19S, R-37E	660' FNL, 660' FEL Sec. 4, T-19S, R-37E	2144' FNL, 589' FWL Sec. 4, T-19S, R-37E	1739' FNL, 2304' FWL Sec. 4, T-19S, R-37E
Operator	OXY USA Inc.	OXY USA Inc.	OXY USA Inc.	OXY USA Inc.	OXY USA Inc.
Date Drilled	09/25/56	08/15/56	07/02/56	01/02/54	05/04/57
Well Type	Producer	Producer	Producer	Producer	Producer
Casing	8-5/8" @ 1601' Cmtd w/ 750 sx 5-1/2" @ 4070' Cmtd w/ 550 sx	8-5/8" @ 1648' Cmtd w/ 800 sx 4-1/2" @ 3958' Cmtd w/ 500 sx	8-5/8" @ 1650' Cmtd w/ 900 sx 4-1/2" @ 3958' Cmtd w/ 700 sx	8-5/8" @ 324' Cmtd w/ 175 sx 5-1/2" @ 3864' Cmtd w/ 200 sx	8-5/8" @ 1632' Cmtd w/ 350 sx 5-1/2" @ 3969' Cmtd w/ 600 sx
Total Depth	4080'	3965'	3960'	3956'	3969'
Completion	Perrose perfs @ 3890' - 3902', 3922' - 3950'	Perrose perfs @ 3875' - 3960'	Perrose perfs @ 3884' - 3954'	Perrose perfs @ 3805' - 3835'	Perrose perfs @ 3874' - 3889', 3909' - 3912', 3920' - 3930'

OFFSET WELL DATA

	East Eumont Unit Well #31	East Eumont Unit Well #32	East Eumont Unit Well #33	East Eumont Unit Well #34	East Eumont Unit Well #35
Location	800' FNL, 2080' FEL Sec. 10, T-19S, R-37E	1980' FNL, 660' FWL Sec. 10, T-19S, R-37E	1980' FNL, 1980' FWL Sec. 10, T-19S, R-37E	1980' FSL, 660' FWL Sec. 10, T-19S, R-37E	1980' FSL, 1980' FWL Sec. 10, T-19S, R-37E
Operator	OXY USA Inc.	OXY USA Inc.	OXY USA Inc.	OXY USA Inc.	OXY USA Inc.
Date Drilled	08/09/56	06/10/56	12/19/56	07/23/57	06/12/57
Well Type	Producer	Producer	Producer	Producer	Producer
Casing	8-5/8" @ 336' Cmtd w/ 275 sx 5-1/2" @ 4140' Cmtd w/ 700 sx	8-5/8" @ 1599' Cmtd w/ 950 sx 5-1/2" @ 4007' Cmtd w/ 890 sx	8-5/8" @ 246' Cmtd w/ 200 sx 5-1/2" @ 4097' Cmtd w/ 1500 sx	8-5/8" @ 317' Cmtd w/ 200 sx 5-1/2" @ 4053' Cmtd w/ 1800 sx	8-5/8" @ 303' Cmtd w/ 200 sx 5-1/2" @ 4057' Cmtd w/ 1750 sx
Total Depth	4140'	4020'	4120'	4065'	4070'
Completion	Perrose perms @ 3816' - 3834', 3844' - 3852', 3952' - 3995', 4088' - 4098', 4120' - 4132'	Perrose perms @ 3882' - 3940'	Perrose perms @ 3922' - 3985', 4024' - 4050', 4068' - 4100'	Perrose perms @ 3905' - 3916', 3924' - 3932', 3938' - 3946'	Perrose perms @ 3964' - 3972', 3978' - 4005', 4011' - 4018'
	East Eumont Unit Well #36	East Eumont Unit Well #38	East Eumont Unit Well #39	East Eumont Unit Well #41	East Eumont Unit Well #42
Location	660' FSL, 660' FWL Sec. 10, T-19S, R-37E	660' FNL, 660' FWL Sec. 15, T-19S, R-37E	660' FNL, 1980' FWL Sec. 15, T-19S, R-37E	1980' FNL, 660' FWL Sec. 15, T-19S, R-37E	1980' FNL, 1980' FWL Sec. 15, T-19S, R-37E
Operator	OXY USA Inc.	OXY USA Inc.	OXY USA Inc.	OXY USA Inc.	OXY USA Inc.
Date Drilled	06/06/56	11/19/56	07/20/57	01/05/57	04/06/57
Well Type	Producer	Producer	Producer	Producer	Producer
Casing	8-5/8" @ 1626' Cmtd w/ 950 sx 5-1/2" @ 3976' Cmtd w/ 1050 sx	8-5/8" @ 370' Cmtd w/ 300 sx 5-1/2" @ 3987' Cmtd w/ 800 sx	8-5/8" @ 375' Cmtd w/ 300 sx 5-1/2" @ 4009' Cmtd w/ 800 sx	8-5/8" @ 372' Cmtd w/ 275 sx 5-1/2" @ 3965' Cmtd w/ 1000 sx	8-5/8" @ 372' Cmtd w/ 300 sx 5-1/2" @ 4002' Cmtd w/ 800 sx
Total Depth	3989	3990'	3911'	3970'	4005'
Completion	Perrose perms @ 3875' - 3955'	Perrose perms @ 3916' - 3932'	Perrose perms @ 3973' - 3981', 3985' - 3998'	Perrose perms @ 3910' - 3922'	Perrose perms @ 3980' - 3994'

OFFSET WELL DATA

	East Eumont Unit Well #6	East Eumont Unit Well #7	East Eumont Unit Well #8	East Eumont Unit Well #9	East Eumont Unit Well #10
Location	1980' FSL, 660' FEL Sec. 33, T-18S, R-37E	880' FSL, 660' FWL Sec. 33, T-18S, R-37E	630' FSL, 2310' FWL Sec. 33, T-18S, R-37E	560' FSL, 1650' FEL Sec. 33, T-18S, R-37E	660' FSL, 660' FEL Sec. 33, T-18S, R-37E
Operator	OXY USA Inc.	OXY USA Inc.	OXY USA Inc.	OXY USA Inc.	OXY USA Inc.
Date Drilled	10/20/56	05/29/56	09/09/56	06/23/56	05/25/56
Well Type	Producer	Producer	Producer	Producer	Producer
Casing	8-5/8" @ 303' Cmtd w/ 275 sx 5-1/2" @ 4000' Cmtd w/ 1225 sx	8-5/8" @ 1541' Cmtd w/ 800 sx 5-1/2" @ 3965' Cmtd w/ 400 sx	8-5/8" @ 1610' Cmtd w/ 750 sx 5-1/2" @ 4040' Cmtd w/ 450 sx	8-5/8" @ 339' Cmtd w/ 275 sx 5-1/2" @ 4096' Cmtd w/ 500 sx	8-5/8" @ 326' Cmtd w/ 325 sx 5-1/2" @ 4275' Cmtd w/ 800 sx
Total Depth	4000'	3965'	4050'	4096'	4400'
Completion	Penrose perfs @ 3838 - 3856', 3864' - 3872', 3934' - 3954', 3960' - 3974', 3980' - 3999'	Penrose perfs @ 3880' - 3910', 3925' - 3946'	Penrose perfs @ 3870' - 3930', 3970' - 4010'	Penrose perfs @ 3912' - 3962'	Penrose perfs @ 3910' - 3920', 3928' - 3972'

	East Eumont Unit Well #11	East Eumont Unit Well #15	State AB Well #1	East Eumont Unit Well #20	East Eumont Unit Well #21
Location	660' FSL, 660' FWL Sec. 34, T-18S, R-37E	702' FNL, 660' FWL Sec. 3, T-19S, R-37E	660' FNL, 1980' FWL Sec. 3, T-19S, R-37E	2064' FNL, 660' FWL Sec. 3, T-19S, R-37E	2061' FNL, 1980' FWL Sec. 3, T-19S, R-37E
Operator	OXY USA Inc.	OXY USA Inc.	A & A OILFIELD SERVICE	OXY USA Inc.	OXY USA Inc.
Date Drilled	09/24/56	04/22/56	05/25/71	02/29/56	04/25/56
Well Type	Producer	Producer	SWD	Producer	Producer
Casing	8-5/8" @ 371' Cmtd w/ 300 sx 5-1/2" @ 4012' Cmtd w/ 800 sx	8-5/8" @ 335' Cmtd w/ 325 sx 5-1/2" @ 4007' Cmtd w/ 700 sx	8-5/8" @ 1700' Cmtd w/ 200 sx 5-1/2" @ 8100' Cmtd w/ 650 sx	8-5/8" @ 345' Cmtd w/ 330 sx 5-1/2" @ 4004' Cmtd w/ 675 sx	8-5/8" @ 343' Cmtd w/ 325 sx 5-1/2" @ 4028' Cmtd w/ 700 sx
Total Depth	4015'	4007'	8100'	4004'	4028'
Completion	Penrose perfs @ 3908' - 3970'	Penrose perfs @ 3904' - 3970'	N/A	Penrose perfs @ 3882' - 3954'	Penrose perfs @ 3946' - 3966'

OFFSET WELL DATA

	East Eumont Unit Well #18	East Eumont Unit Well #19	East Eumont Unit Well #22	East Eumont Unit Well #24	J. R. Holt NCT-C Well #1
Location	1837' FNL, 1650' FEL Sec. 4, T-19S, R-37E	2060' FNL, 660' FEL Sec. 4, T-19S, R-37E	1983' FSL, 660' FEL Sec. 4, T-19S, R-37E	660' FSL, 660' FEL Sec. 4, T-19S, R-37E	1980' FNL, 1980' FEL Sec. 5, T-19S, R-37E
Operator	OXY USA Inc.	OXY USA Inc.	OXY USA Inc.	OXY USA Inc.	CHEVRON
Date Drilled	01/29/57	12/23/56	03/14/56	06/12/56	7/7/80
Well Type	Producer	Producer	Producer	Producer	Producer
Casing	8-5/8" @ 412' Cmtd w/ 340 sx 5-1/2" @ 4001' Cmtd w/ 1230 sx	8-5/8" @ 441' Cmtd w/ 300 sx 5-1/2" @ 4012' Cmtd w/ 1500 sx	8-5/8" @ 1650' Cmtd w/ 900 sx 5-1/2" @ 3949' Cmtd w/ 550 sx	8-5/8" @ 1621' Cmtd w/ 900 sx 4-1/2" @ 3943' Cmtd w/ 550 sx	8-5/8" @ 354' Cmtd w/ 325 sx 4-1/2" @ 3886' Cmtd w/ 1325 sx
Total Depth	4010'	4025'	3950'	3955'	0000' 3900'
Completion	Penrose perms @ 3848' - 3862', 3872' - 3880', 3904' - 3916'	Penrose perms @ 3866' - 3876', 3888' - 3898', 3908' - 3932', 3994' - 4009'	Penrose perms @ 3852' - 3892'	Penrose perms @ 3894' - 3950'	Penrose perms @ 3546' - 3884'

	J. R. Holt NCT-C Well #2	East Eumont Unit Well #27	East Eumont Unit Well #28	East Eumont Unit Well #29	East Eumont Unit Well #30
Location	1190' FSL, 1195' FEL Sec. 5, T-19S, R-37E	660' FNL, 1980' FEL Sec. 9, T-19S, R-37E	660' FNL, 660' FEL Sec. 9, T-19S, R-37E	660' FNL, 660' FWL Sec. 10, T-19S, R-37E	660' FNL, 1950' FWL Sec. 10, T-19S, R-37E
Operator	CHEVRON	OXY USA Inc.	OXY USA Inc.	OXY USA Inc.	OXY USA Inc.
Date Drilled	02/28/91	12/31/56	03/08/56	07/08/56	08/07/56
Well Type	Producer	Producer	Producer	Producer	Producer
Casing	8-5/8" @ 1250' Cmtd w/ 900 sx 5-1/2" @ 3900' Cmtd w/ 650 sx	8-5/8" @ 372' Cmtd w/ 275 sx 5-1/2" @ 3979' Cmtd w/ 800 sx	8-5/8" @ 485' Cmtd w/ 300 sx 5-1/2" @ 3975' Cmtd w/ 650 sx	8-5/8" @ 343' Cmtd w/ 275 sx 5-1/2" @ 4078' Cmtd w/ 700 sx	8-5/8" @ 340' Cmtd w/ 275 sx 5-1/2" @ 4096' Cmtd w/ 750 sx
Total Depth	3900'	3980'	3975'	4080'	4096'
Completion	Penrose perms @ 3790' - 3868' Unknown Zone Perfs @ 2792' - 3023'	Penrose perms @ 3898' - 3914'	Penrose perms @ '3868' - 3879', 3891' - 3954'	Penrose perms @ 3870' - 3920', 4009' - 4023'	Penrose perms @ 3866' - 3872', 3876' - 3890', 3896' - 3940', 3946' - 3952', 3955' - 3960', 3976' - 3982', 3987' - 3999'

OFFSET WELL DATA

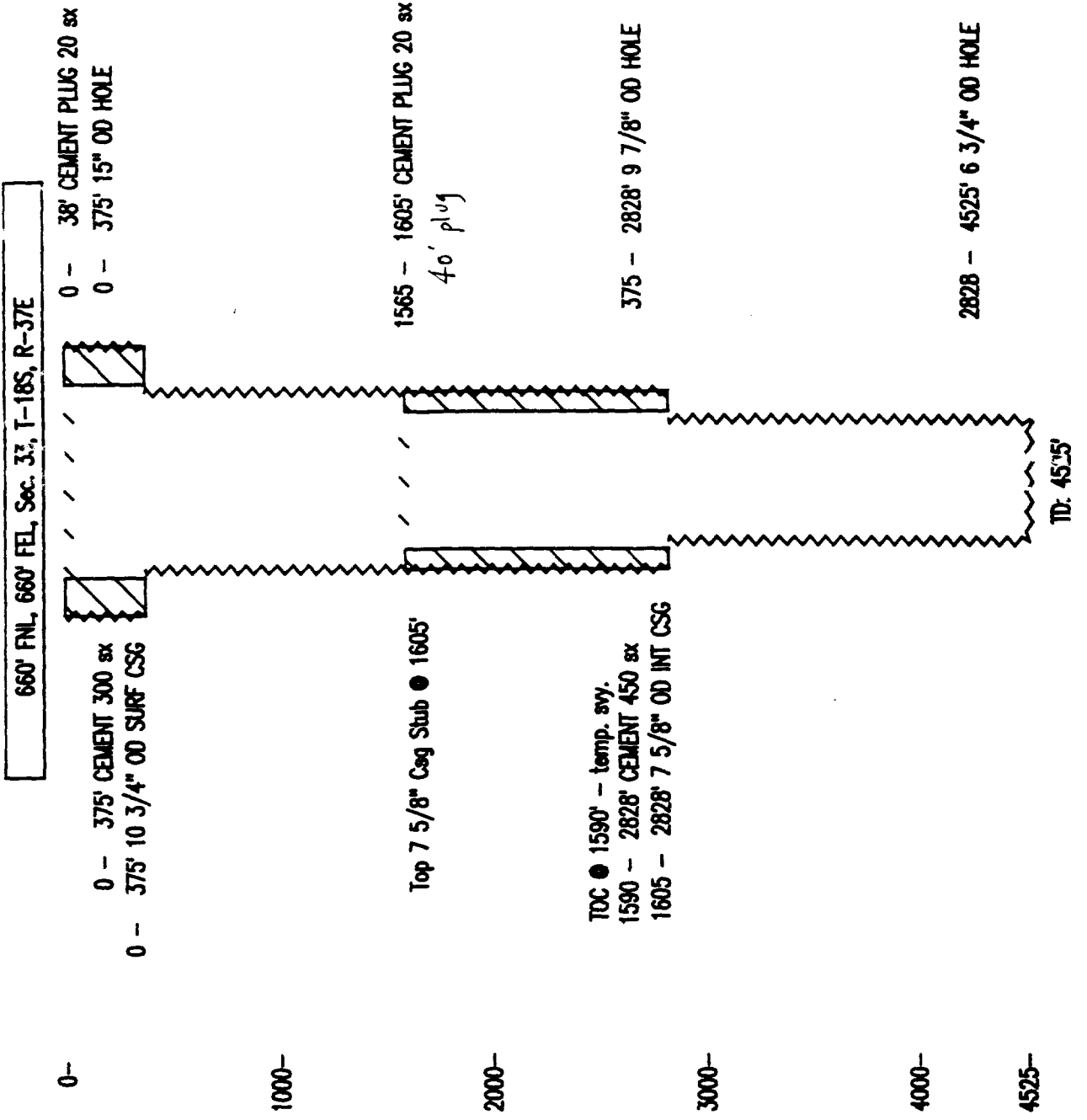
	East Eumont Unit Well #44	East Eumont Unit Well #45	East Eumont Unit Well #48	East Eumont Unit Well #49	State KI-16 Well #1
Location	1980' FSL, 660' FWL Sec. 15, T-19S, R-37E	1980' FSL, 1980' FWL Sec. 15, T-19S, R-37E	660' FSL, 660' FWL Sec. 15, T-19S, R-37E	660' FSL, 1978' FWL Sec. 15, T-19S, R-37E	1980' FSL, 1980' FWL Sec. 16, T-19S, R-37E
Operator	OXY USA Inc.	OXY USA Inc.	OXY USA Inc.	OXY USA Inc.	CONOCO
Date Drilled	03/28/57	05/21/57	02/20/57	07/19/57	N/A
Well Type	Producer	Injector	Injector	Producer	P & A
Casing	8-5/8" @ 378' Cmtd w/ 160 sx 5-1/2" @ 4000' Cmtd w/ 1450 sx	8-5/8" @ 382' Cmtd w/ 200 sx 5-1/2" @ 4045' Cmtd w/ 1600 sx	8-5/8" @ 360' Cmtd w/ 150 sx 5-1/2" @ 4070' Cmtd w/ 1700 sx	8-5/8" @ 385' Cmtd w/ 250 sx 5-1/2" @ 4045' Cmtd w/ 1200 sx	9-5/8" @ 277' Cmtd w/ N/A sx 5-1/2" @ 3509' Cmtd w/ 400 sx
Total Depth	4000'	4045'	4070'	4045'	3850'
Completion	Penrose perfs @ 3916' - 3923', 3927' - 3943', 3965' - 3974'	Penrose perfs @ 3984' - 4003'	Penrose perfs @ 3941' - 3956'	Penrose perfs @ 3985' - 4004'	N/A

	East Eumont Unit Well #37	East Eumont Unit Well #40	East Eumont Unit Well #43	East Eumont Unit Well #46	East Eumont Unit Well #47
Location	660' FNL, 990' FEL Sec. 16, T-19S, R-37E	1980' FNL, 330' FEL Sec. 16, T-19S, R-37E	1980' FSL, 660' FEL Sec. 16, T-19S, R-37E	660' FSL, 1980' FEL Sec. 16, T-19S, R-37E	660' FSL, 660' FEL Sec. 16, T-19S, R-37E
Operator	OXY USA Inc.	OXY USA Inc.	OXY USA Inc.	OXY USA Inc.	OXY USA Inc.
Date Drilled	05/10/57	10/17/56	05/15/56	10/20/54	01/28/57
Well Type	Producer	Producer	Producer	Injector	Producer
Casing	8-5/8" @ 307' Cmtd w/ 225 sx 5-1/2" @ 3943' Cmtd w/ 400 sx	9-5/8" @ 297' Cmtd w/ 225 sx 5-1/2" @ 3746' Cmtd w/ 400 sx	8-5/8" @ 315' Cmtd w/ 200 sx 5-1/2" @ 3972' Cmtd w/ 400 sx	8-5/8" @ 254' Cmtd w/ 300 sx 5-1/2" @ 3650' Cmtd w/ 200 sx	8-5/8" @ 340' Cmtd w/ 275 sx 5-1/2" @ 3976' Cmtd w/ 750 sx
Total Depth	3980'	4028'	4100'	3882'	3976'
Completion	Penrose perfs @ 3892' - 3898', 3924' - 3934'	Open hole from 3746' to 4028'	Penrose perfs @ 3888' - 3940'	Open hole from 3650' to 3882'	Penrose perfs @ 3874' - 3940'

Plugged & Abandoned Well Data

Amerada Hess Corp.

State WH "A" #1

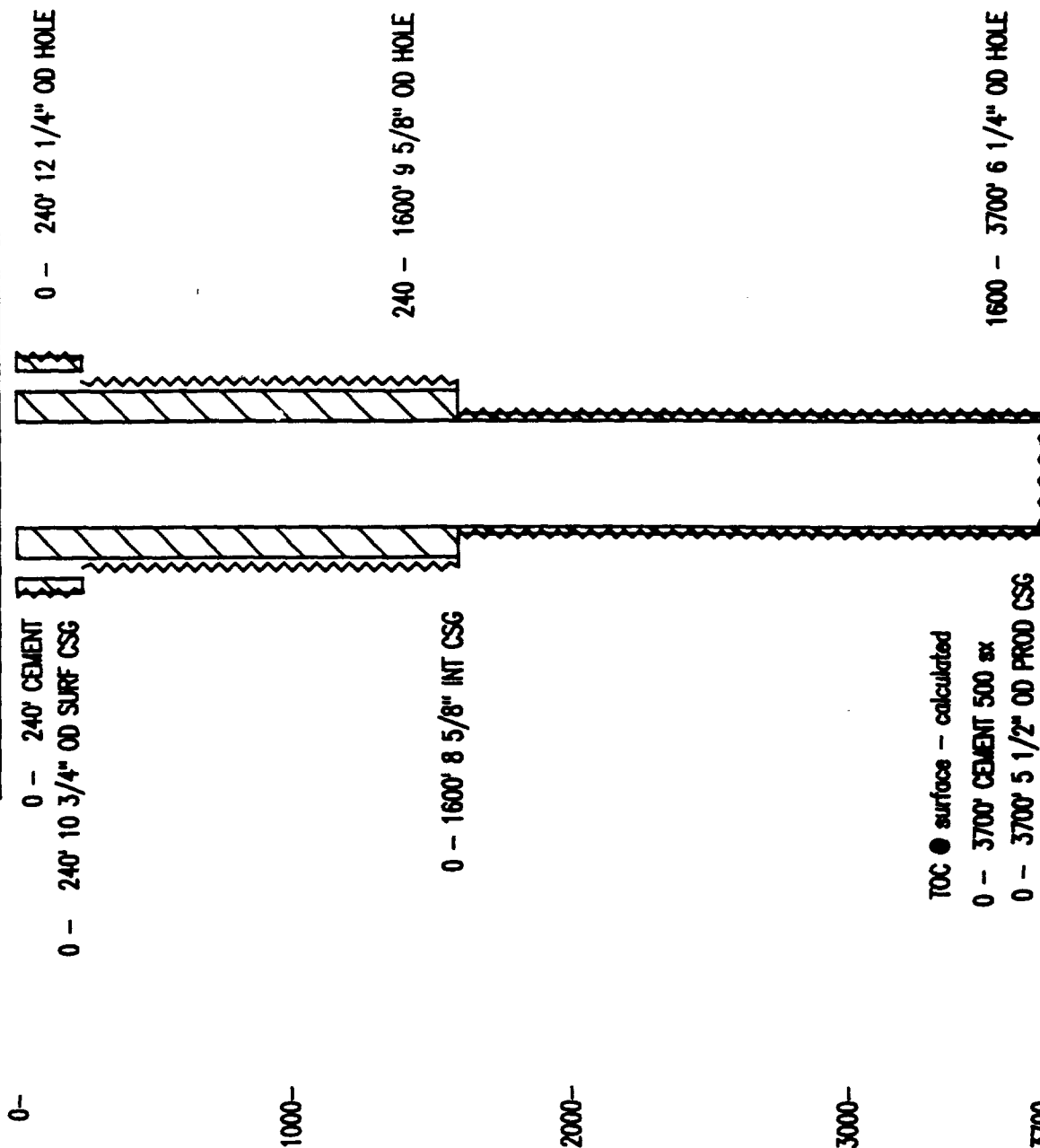


Plugged & Abandoned Well Data

Gordon R. Cone

Ohio State #1

2310' FSL, 330' FWL, Sec. 33, T-18S, R-37E



TD: 3700'

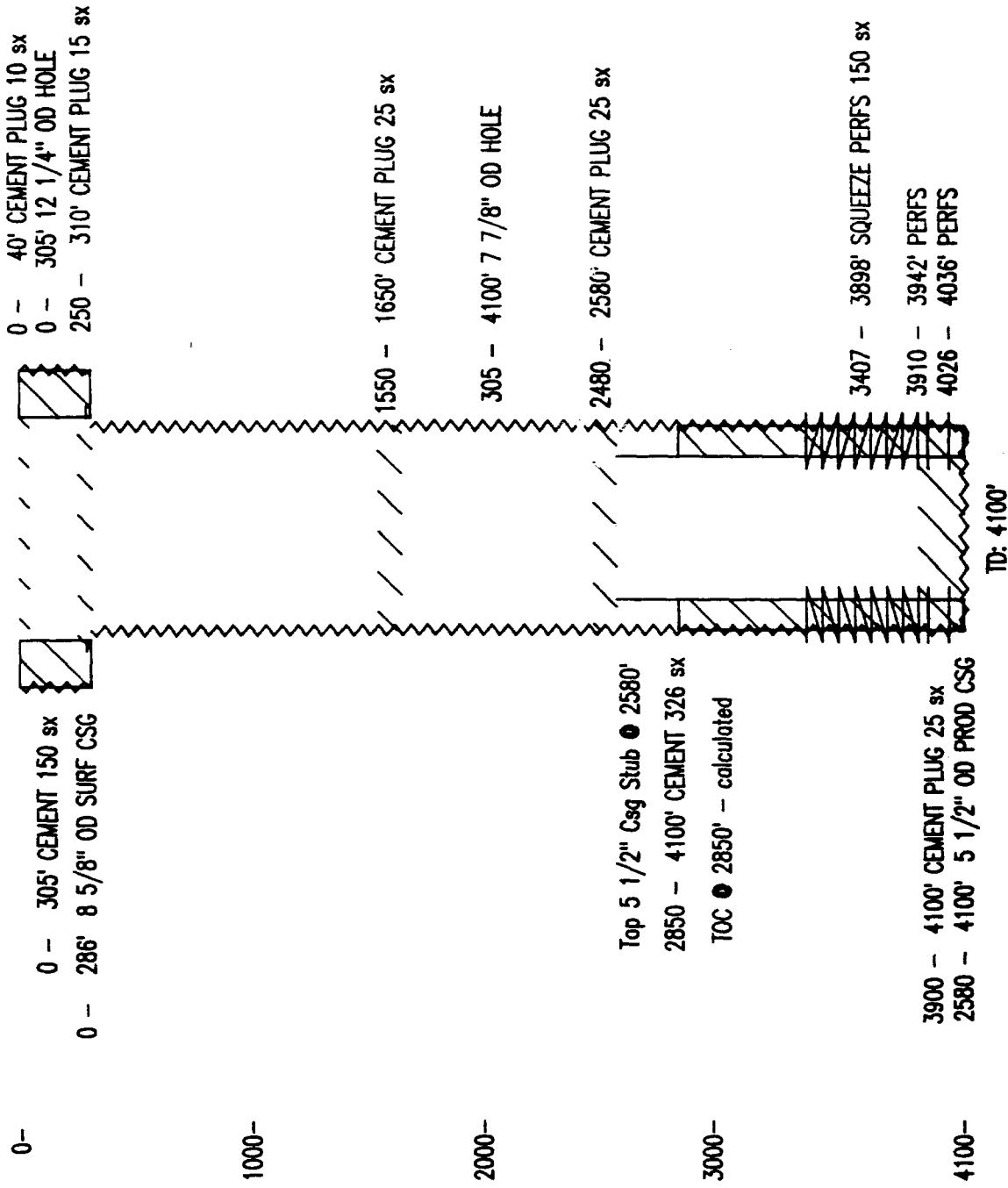
NOTE: This is the only information available in NMOCSD well files.

Plugged & Abandoned Well Data

Morris R. Antwell

Low State #1

660' FNL, 660' FWL, Sec. 33, T-18S, R-37E

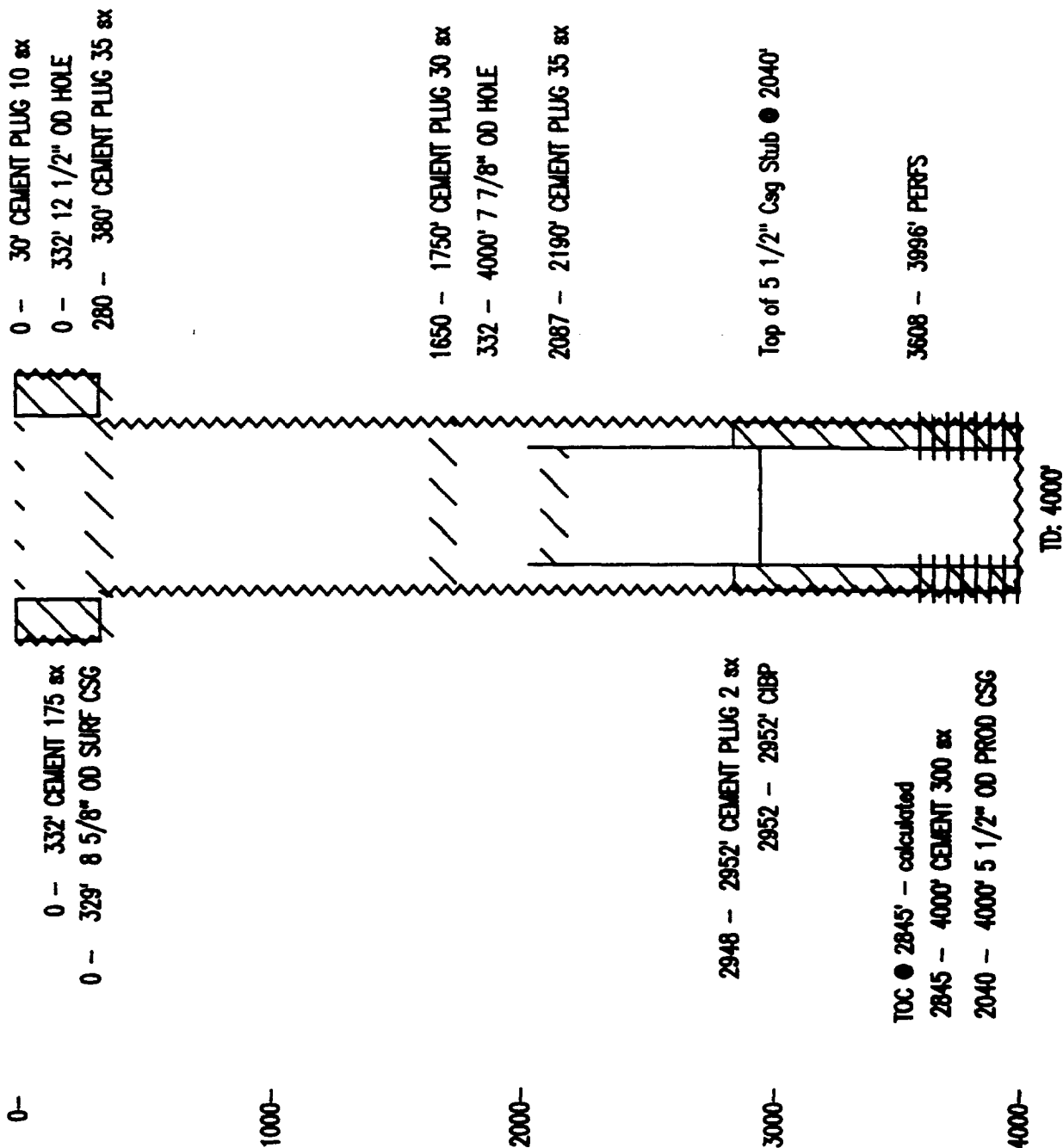


Plugged & Abandoned Well Data

Don H. Wilson

State AT #1

660' FSL, 660' FWL, Sec. 4, T-19S, R-37E

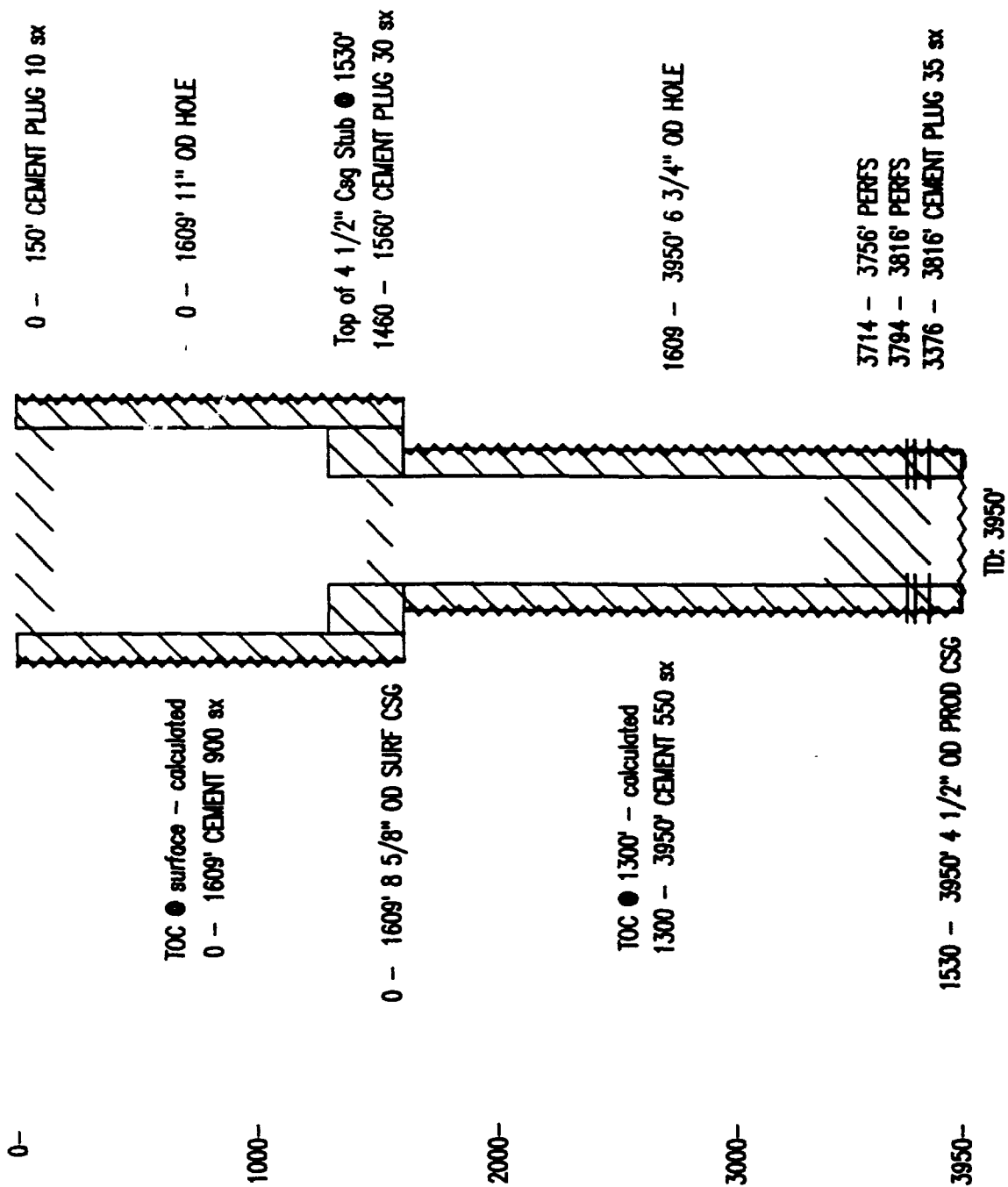


Plugged & Abandoned Well Data

Texaco Inc.

Z. A. McMillan "B" #3

660' FSL, 1980' FWL, Sec. 4, T-19S, R-37E

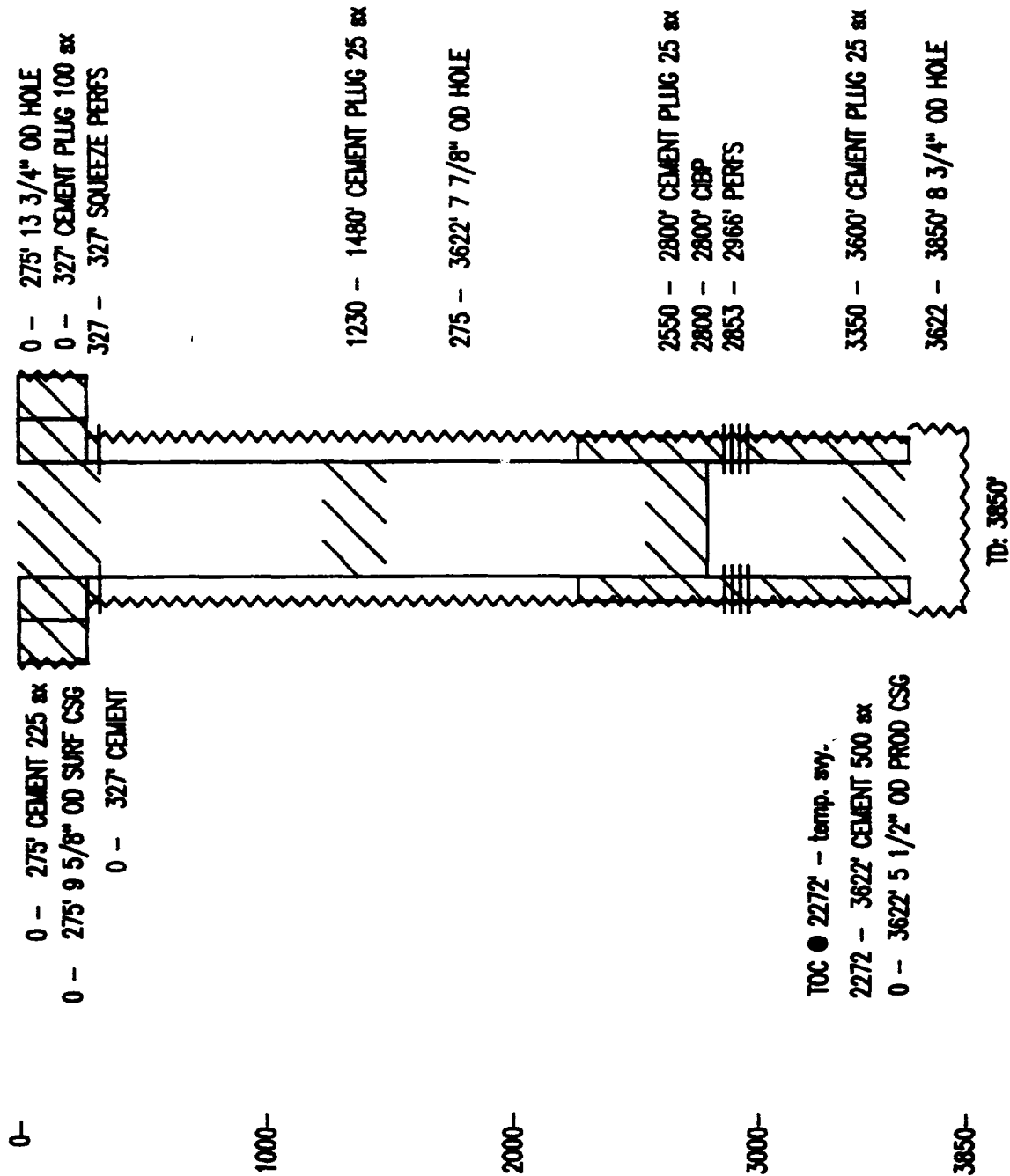


Plugged & Abandoned Well Data

Conoco Inc.

State KI - 16 #1

1980' FSL, 1980' FWL, Sec. 16, T-19S, R-37E



Responses to C-108

VII

1. Average Daily Injection Rate - 300 BWPD per well
Maximum Daily Injection Rate - 500 BWPD per well
2. The proposed system is a closed system.
3. Average Injection Pressure - 1200 psi
Maximum Injection Pressure - 1800 psi
4. Sources of water:
 - a. Produced water from the East Eumont Unit.
 - b. Fresh Water
5. Injection is not for disposal purposes.

VIII Previously Submitted

- IX Each of the proposed injection wells will be acidized with 3000 gallons of acid.
- X Previously Submitted
- XI Previously Submitted
- XII Not Applicable