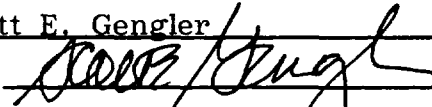


APPLICATION FOR AUTHORIZATION TO INJECT

Case 11168

- I. Purpose: ☒ Secondary Recovery ☐ Pressure Maintenance ☐ Disposal ☐ Storage
Application qualifies for administrative approval? ☐ yes ☐ no
- II. Operator: OXY USA Inc.
Address: P. O. Box 50250, Midland, TX 79710
Contact party: Scott E. Gengler Phone: (915) 685-5825
- 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-4680
If yes, give the Division order number authorizing the project _____
- V. Attach a map that identifies all wells and leases within two miles of any proposed injection well with a one-half mile radius circle drawn around each proposed injection well. This circle identifies the well's area of review.
- * VI. Attach a tabulation of data on all wells of public record within the area of review which penetrate the proposed injection zone. Such data shall include a description of each well's type, construction, date drilled, location, depth, record of completion, and a schematic of any plugged well illustrating all plugging detail.
- VII. Attach data on the proposed operation, including:
1. Proposed average and maximum daily rate and volume of fluids to be injected;
 2. Whether the system is open or closed;
 3. Proposed average and maximum injection pressure;
 4. Sources and an appropriate analysis of injection fluid and compatibility with the receiving formation if other than reinjected produced water; and
 5. If injection is for disposal purposes into a zone not productive of oil or gas at or within one mile of the proposed well, attach a chemical analysis of the disposal zone formation water (may be measured or inferred from existing literature, studies, nearby wells, etc.).
- *VIII. Attach appropriate geological data on the injection zone including appropriate lithologic detail, geological name, thickness, and depth. Give the geologic name, and depth to bottom of all underground sources of drinking water (aquifers containing waters with total dissolved solids concentrations of 10,000 mg/l or less) overlying the proposed injection zone as well as any such source known to be immediately underlying the injection interval.
- IX. Describe the proposed stimulation program, if any.
- * X. Attach appropriate logging and test data 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:  Date: November 21, 1994
- * 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-4680, original application

III. WELL DATA

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

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

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

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

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

XIV. PROOF OF NOTICE

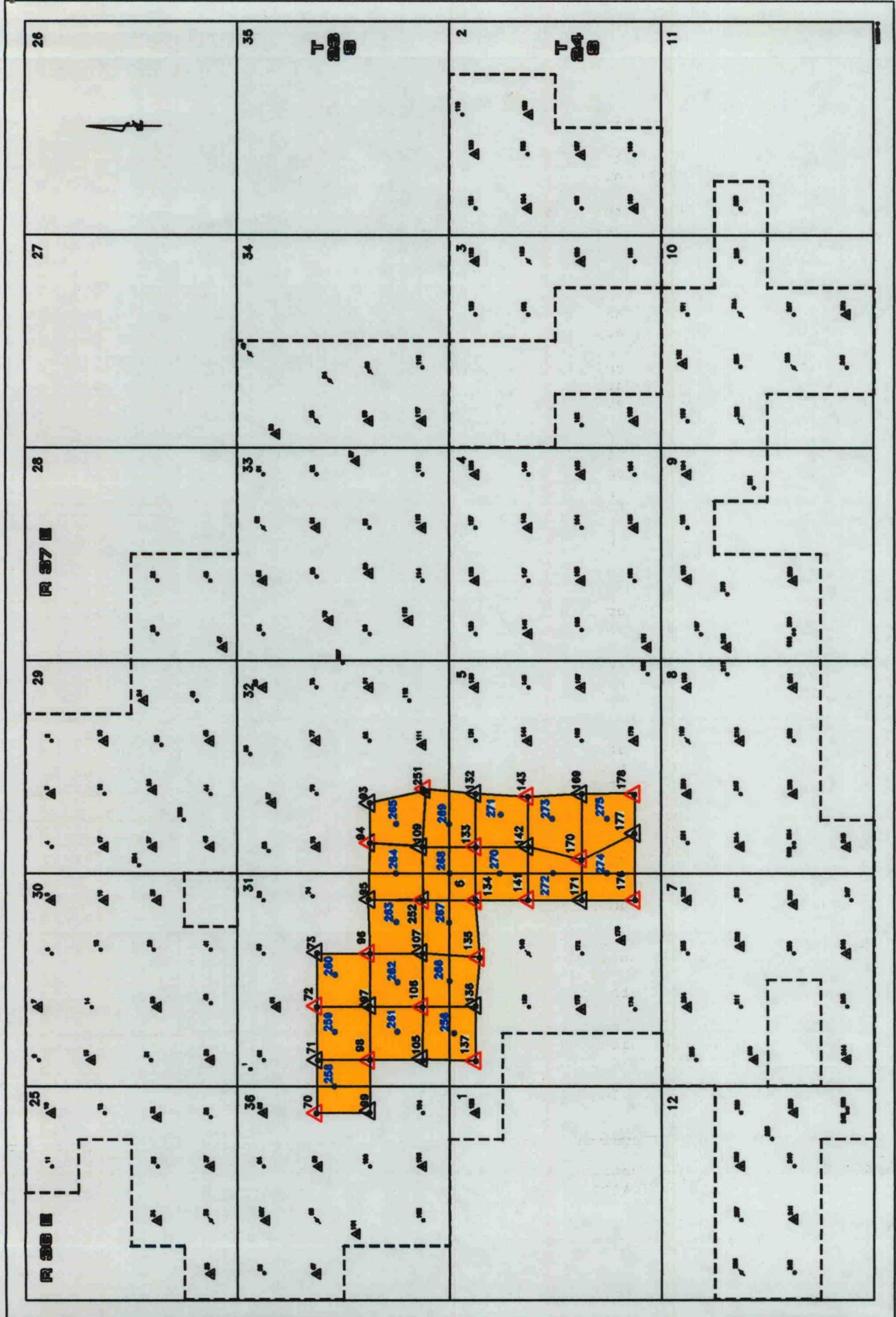
All applicants must furnish proof that a copy of the application has been furnished, by certified or registered mail, to the owner of the surface of the land on which the well is to be located and to each leasehold operator within one-half mile of the well location.

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

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

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

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



CORRECTION TO MAP
 SHEET & BOOK, PRODUCER
 PROJECT AREA

PRODUCER
 WATER FEATURE
 PLUMBED & ADJACENT

MYERS LANGLIE MATTIX QUEEN UNIT
 Lee County, New Mexico
 1994 DEVELOPMENT PLANS

Service List

Government Agencies

Bureau of Land Management
attn: Vince Baldarez
P.O. Box 1157
Hobbs, NM 88240

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

Offset Operators

Amerada Hess Corp
Drawer D
Monument, NM 88265

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

Arco Oil & Gas Company
P.O. Box 1610
Midland, TX 79701

Lewis B. Burleson Inc.
P.O. Box 2479
Midland, TX 79702

Conoco, Inc.
10 Desta Dr., Ste 100W
Midland, TX 79705

Great Western Drilling
P.O. Box 1659
Midland, TX 79702

Doyle Hartman
500 N. Main
Midland, TX 79701

Lanexco Inc.
P.O. Box 2730
Midland, TX 79702

Meridian Oil, Inc.
21 Desta Dr.
Midland, TX 79705

O'Neill Properties, Ltd.
P.O. Box 2840
Midland, TX 79702

Texaco Exploration & Producing Inc.
P.O. Box 730
Hobbs, NM 88241

Surface Owners

Christie Gas Corp.
901 MOPAC Expressway Ste 515
Austin, TX 78746

Jimmy Doom
Star Route
Jal, NM 88252

Deep Wells Ranch
Star Route 1, Box 244
Jal, NM 88252

INJECTION WELL DATA SHEET

OXY USA Inc.

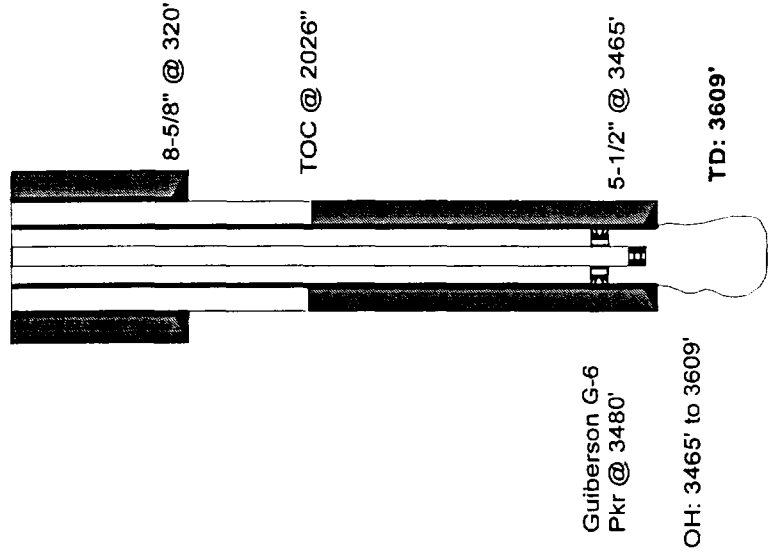
Myers Langlie Mattix Unit # 70

1980' FNL & 660' FEL, Sec 36, T-23-S, R-36-E

Lea County, New Mexico

Casing - Cement Data

Type	Size	Hole Size	Set At	Cement	TOC	Determined By
Surface	8 5/8"	11"	320'	200 sx	Surface	Circulated
Production	5 1/2"	7 3/4"	3465'	500 sx	2026'	Temperature Svy



Well Data

Injection Perfs - 3465' - 3609' (Open Hole)

Injection Tubing - 2 3/8" Fiberglass Lined

Injection Packer - Guiberson G-6

Injection Formation - Queen - Penrose

Field - Langlie Mattix Seven Rivers Queen Grayburg

New Well drilled for Injection - No

If not 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 -

Guiberson G-6
Pkr @ 3480'

5-1/2" @ 3465'

OH: 3465' to 3609'

TD: 3609'

Jalmat Tansill Yates Seven Rivers - 3000'

INJECTION WELL DATA SHEET

OXY USA Inc.

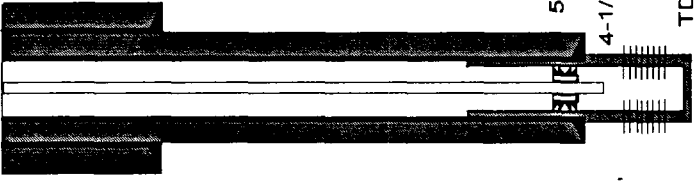
Myers Langlie Mattix Unit # 72

1980' FNL & 1980' FWL, Sec 31, T-23-S, R-37-E

Lea County, New Mexico

Casing - Cement Data

Type	Size	Hole Size	Set At	Cement	TOC	Determined By
Surface	8 5/8"	Unknown	1185'	500 sx	Surface	Circulated
Production	5 1/2"	Unknown	3480'	500 sx	Surface	Circulated
Liner	4 1/2"	4 7/8"	3698'	70 sx	3428'	Calculated



Well Data

Injection Perfs - 3570' - 3670'

Injection Tubing - 2 3/8" Fiberglass Lined

Injection Packer - Guiberson G-6

Injection Formation - Queen - Penrose

Field - Langlie Mattix Seven Rivers Queen Grayburg

New Well drilled for Injection - No

If not 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 -

Guiberson G-6
Pkr @ 3500'

5-1/2" @ 3480'

4-1/2" Liner @ Top: 3428'
Bottom: 3698'

Perfs: 3570' to 3670'

TD: 3698'

Jalmat Tansill Yates Seven Rivers - 3000'

INJECTION WELL DATA SHEET

OXY USA Inc.

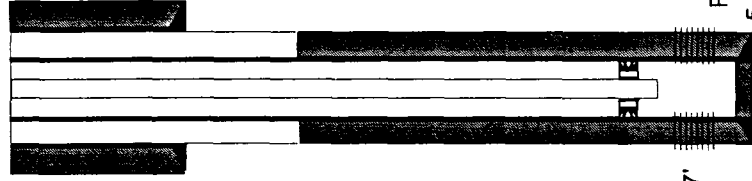
Myers Langlie Mattix Unit # 94

1980' FSL & 760' FWL, Sec 31, T-23-S, R-37-E

Lea County, New Mexico

Casing - Cement Data

Type	Size	Hole Size	Set At	Cement	TOC	Determined By
Surface	8 5/8"	12 1/4"	497'	350 sx	Surface	Circulated
Production	5 1/2"	7 7/8"	3750'	1140 sx	750'	Temperature Svy



Well Data

Injection Perfs - 3440' - 3677'
 Injection Tubing - 2 3/8" Fiberglass Lined
 Injection Packer - Guiberson G-6
 Injection Formation - Queen - Penrose
 Field - Langlie Mattix Seven Rivers Queen Grayburg
 New Well drilled for Injection - No
 If not 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 -

Guiberson G-6
Pkr @ 3350'

Perfs: 3440' to 3677'

TD: 3750'

PBTD: 3694'
5-1/2" @ 3750'

Jalmat Tansill Yates Seven Rivers - 3000'

INJECTION WELL DATA SHEET

OXY USA Inc.

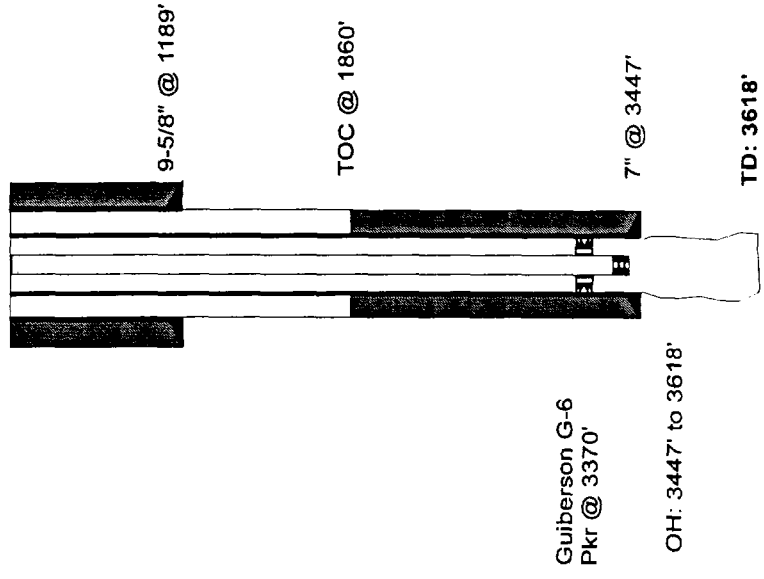
Myers Langlie Mattix Unit # 96

1979' FSL & 1980' FEL, Sec 31, T-23-S, R-37-E

Lea County, New Mexico

Casing - Cement Data

Type	Size	Hole Size	Set At	Cement	TOC	Determined By
Surface	9 5/8"	12 1/4"	1189'	700 sx	Surface	Circulated
Production	7 "	8 3/4"	3447'	525 sx	1860'	Temperature Svy



Well Data

Injection Perfs - 3447' - 3618' (Open Hole)

Injection Tubing - 2 3/8" Fiberglass Lined

Injection Packer - Guiberson G-6

Injection Formation - Queen - Penrose

Field - Langlie Mattix Seven Rivers Queen Grayburg

New Well drilled for Injection - No

If not 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 -

Jalmat Tansill Yates Seven Rivers - 3000'

7" @ 3447'

TD: 3618'

Guiberson G-6
Pkr @ 3370'

OH: 3447' to 3618'

INJECTION WELL DATA SHEET

OXY USA Inc.

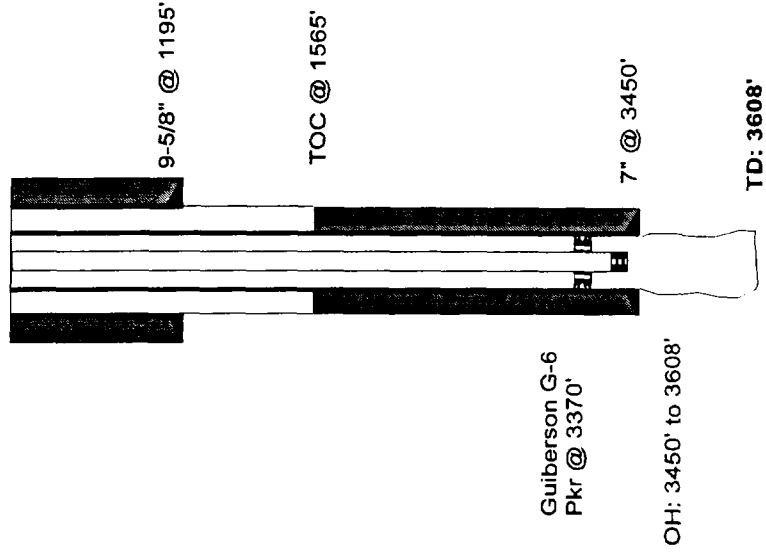
Myers Langlie Mattix Unit # 98

1980' FSL & 660' FWL, Sec 31, T-23-S, R-37-E

Lea County, New Mexico

Casing - Cement Data

Type	Size	Hole Size	Set At	Cement	TOC	Determined By
Surface	9 5/8"	12 1/4"	1195'	770 sx	Surface	Circulated
Production	7 "	8 3/4"	3450'	525 sx	1565'	Temperature Svy



Well Data

Injection Perfs - 3450' - 3608' (Open Hole)

Injection Tubing - 2 3/8" Fiberglass Lined

Injection Packer - Guiberson G-6

Injection Formation - Queen - Penrose

Field - Langlie Mattix Seven Rivers Queen Grayburg

New Well drilled for Injection - No

If not 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 -

Jalmat Tansill Yates Seven Rivers - 3000'

OH: 3450' to 3608'

TD: 3608'

INJECTION WELL DATA SHEET

OXY USA Inc.

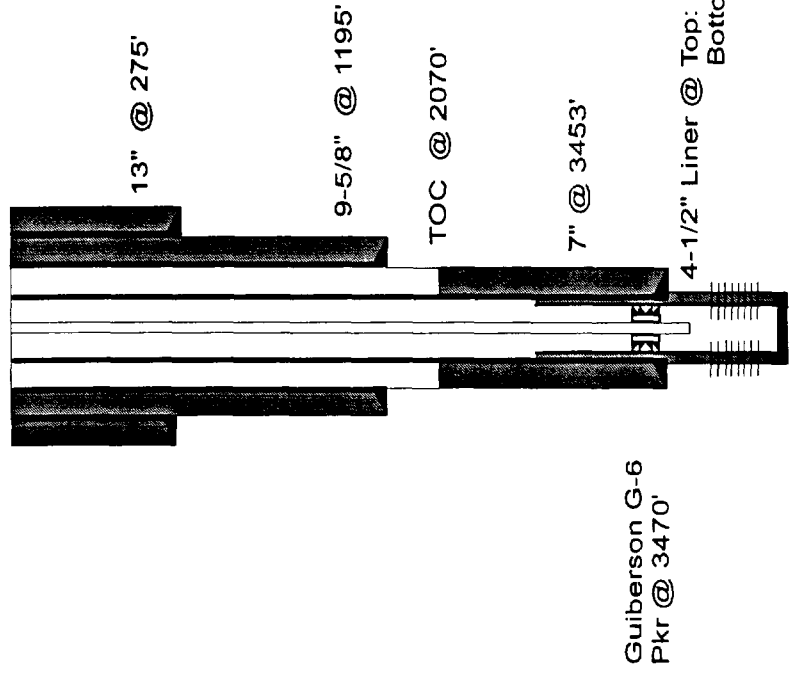
Myers Langlie Mattix Unit # 106

660' FSL & 1936' FWL, Sec 31, T-23-S, R-37-E

Lea County, New Mexico

Casing - Cement Data

Type	Size	Hole Size	Set At	Cement	TOC	Determined By
Surface	13"	17 1/4"	275'	275 sx	Surface	Circulated
Intermediate	9 5/8"	12"	1195'	700 sx	Surface	Circulated
Production	7"	8 3/4"	3453'	525 sx	2070'	Temperature Svy
Liner	4 1/2"	6 1/4"	3740'	150 sx	3113'	Circulated



Well Data

Injection Perfs - 3546' - 3627'

Injection Tubing - 2 3/8" Fiberglass Lined

Injection Packer - Guiberson G-6

Injection Formation - Queen - Penrose

Field - Langlie Mattix Seven Rivers Queen Grayburg

New Well drilled for Injection - No

If not 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 -

Guiberson G-6
Pkr @ 3470'

Jalmat Tansill Yates Seven Rivers - 3000'

4-1/2" Liner @ Top: 3127'
Bottom: 3740'

INJECTION WELL DATA SHEET

OXY USA Inc.

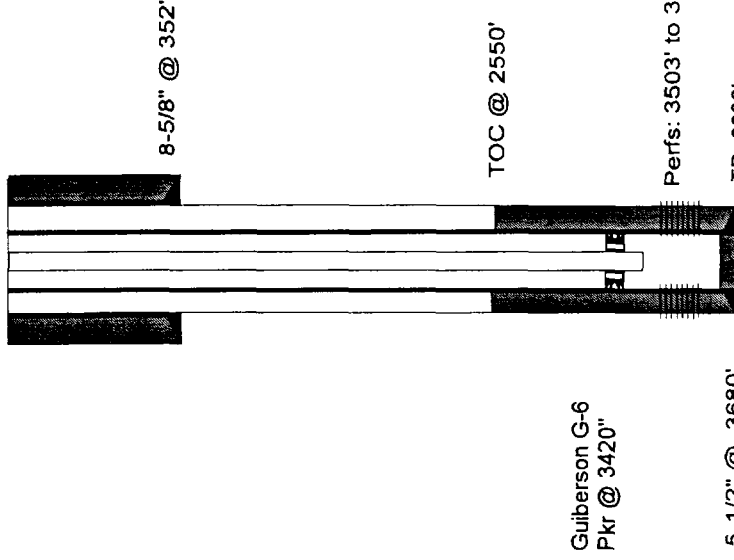
Myers Langlie Mattix Unit # 133

660' FNL & 660' FWL, Sec 5, T-24-S, R-37-E

Lea County, New Mexico

Casing - Cement Data

Type	Size	Hole Size	Set At	Cement	TOC	Determined By
Surface	8 5/8"	11"	352'	250 sx	Surface	Circulated
Production	5 1/2"	7 7/8"	3680'	300 sx	2550'	Temperature Svy



Well Data

Injection Perfs - 3503 - 3623'

Injection Tubing - 2 3/8" Fiberglass Lined

Injection Packer - Guiberson G-6

Injection Formation - Queen - Penrose

Field - Langlie Mattix Seven Rivers Queen Grayburg

New Well drilled for Injection - No

If not 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 -

Guiberson G-6
Pkr @ 3420"

Jalmat Tansill Yates Seven Rivers - 3000'

Perfs: 3503' to 3623'

5-1/2" @ 3680'

TD: 3680'

INJECTION WELL DATA SHEET

OXY USA Inc.

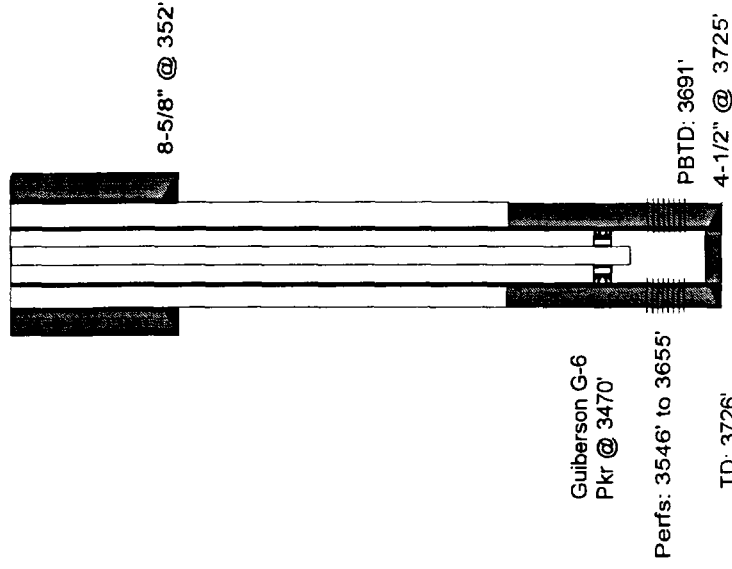
Myers Langlie Mattix Unit # 134

660' FNL & 660' FEL, Sec 6, T-24-S, R-37-E

Lea County, New Mexico

Casing - Cement Data

Type	Size	Hole Size	Set At	Cement	TOC	Determined By
Surface	8 5/8"	12 1/4"	352'	250 sx	Surface	Circulated
Production	4 1/2"	7 7/8"	3725'	300 sx	2700'	Calculated



Well Data

Injection Perfs - 3546' - 3655'

Injection Tubing - 2 3/8" Fiberglass Lined

Injection Packer - Guiberson G-6

Injection Formation - Queen - Penrose

Field - Langlie Mattix Seven Rivers Queen Grayburg

New Well drilled for Injection - No

If not 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 -

Guiberson G-6
Pkr @ 3470'

Perfs: 3546' to 3655'

PBTD: 3691'
4-1/2" @ 3725'

TD: 3726'

Jalmat Tansill Yates Seven Rivers - 3000'

INJECTION WELL DATA SHEET

OXY USA Inc.

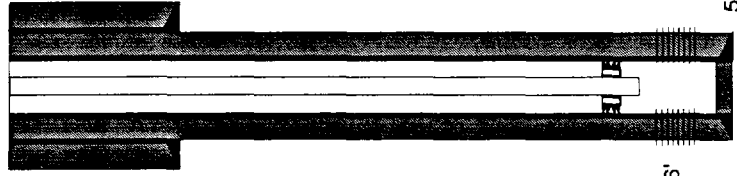
Myers Langlie Mattix Unit # 135

760' FNL & 2080' FEL, Sec 6, T-24-S, R-37-E

Lea County, New Mexico

Casing - Cement Data

Type	Size	Hole Size	Set At	Cement	TOC	Determined By
Surface	8 5/8"	12 1/4"	506'	350 sx	Surface	Circulated
Production	5 1/2"	7 7/8"	3813'	950 sx	Surface	Circulated



Guiberson G-6
Pkr @ 3813'

Perfs: 3502' to 3686'

TD: 3813'

PBTD: 3753'

5-1/2" @ 3813'

Well Data

Injection Perfs - 3502' - 3686'
 Injection Tubing - 2 3/8" Fiberglass Lined
 Injection Packer - Guiberson G-6
 Injection Formation - Queen - Penrose
 Field - Langlie Mattix Seven Rivers Queen Grayburg
 New Well drilled for Injection - No
 If not 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 -

Jalmat Tansill Yates Seven Rivers - 3000'

INJECTION WELL DATA SHEET

OXY USA Inc.

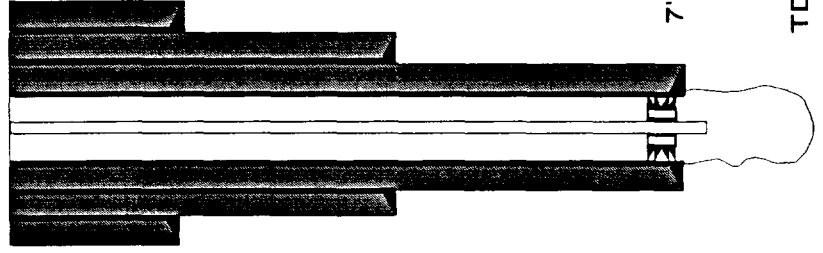
Myers Langlie Mattix Unit # 137

660' FNL & 626' FWL, Sec 6, T-24-S, R-37-E

Lea County, New Mexico

Casing - Cement Data

Type	Size	Hole Size	Set At	Cement	TOC	Determined By
Surface	13 3/8"	17 1/2"	325'	300 sx	Surface	Circulated
Intermediate	9 5/8"	12 1/4"	1188'	500 sx	Surface	Circulated
Production	7"	8 3/4"	3454'	650 sx	Surface	Circulated



Well Data

Injection Perfs - 3454' - 3588' (Open Hole)

Injection Tubing - 2 3/8" Fiberglass Lined

Injection Packer - Guiberson G-6

Injection Formation - Queen - Penrose

Field - Langlie Mattix Seven Rivers Queen Grayburg

New Well drilled for Injection - No

If not 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 -

Guiberson G-6
Pkr @ 3470'

7" @ 3454'

Jalmat Tansill Yates Seven Rivers - 3000'

OH: 3546' to 3627'

TD: 3588'

INJECTION WELL DATA SHEET

OXY USA Inc.

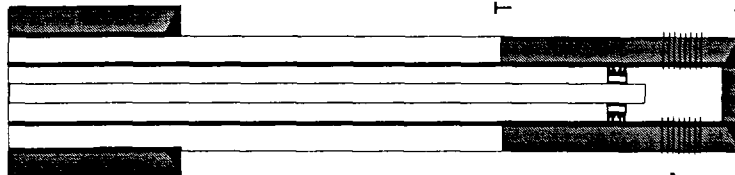
Myers Langlie Mattix Unit # 141

1961.5' FNL & 660' FEL, Sec 6, T-24-S, R-37-E

Lea County, New Mexico

Casing - Cement Data

Type	Size	Hole Size	Set At	Cement	TOC	Determined By
Surface	8 5/8"	12 1/4"	353'	250 sx	Surface	Circulated
Production	4 1/2"	7 7/8"	3701'	350 sx	2687'	Calculated



Well Data

Injection Perfs - 3517' - 3640'

Injection Tubing - 2 3/8" Fiberglass Lined

Injection Packer - Guiberson G-6

Injection Formation - Queen - Penrose

Field - Langlie Mattix Seven Rivers Queen Grayburg

New Well drilled for Injection - No

If not 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 -

Guiberson G-6
Pkr @ 3450'

Perfs: 3517' to 3640'

TD: 3701'

Jalmat Tansill Yates Seven Rivers - 3000'

PBTD: 3667'

4-1/2" @ 3701'

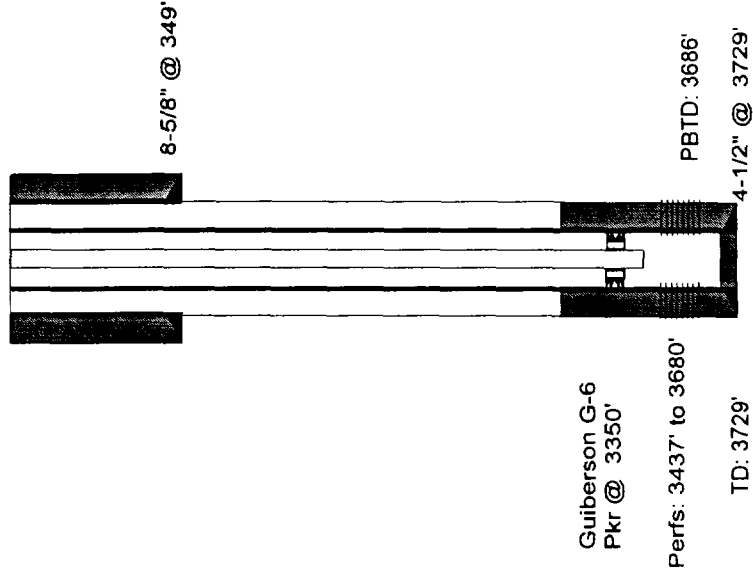
INJECTION WELL DATA SHEET

OXY USA Inc.

Myers Langlie Mattix Unit # 143
1959.54' FNL & 1905' FWL, Sec 5, T-24-S, R-37-E
Lea County, New Mexico

Casing - Cement Data

Type	Size	Hole Size	Set At	Cement	TOC	Determined By
Surface	8 5/8"	12 1/4"	349'	225 sx	Surface	Circulated
Production	4 1/2"	7 7/8"	3729'	335 sx	2755'	Calculated



Well Data

Injection Perfs - 3437' - 3680'
 Injection Tubing - 2 3/8" Fiberglass Lined
 Injection Packer - Guiberson G-6
 Injection Formation - Queen - Penrose
 Field - Langlie Mattix Seven Rivers Queen Grayburg
 New Well drilled for Injection - No
 If not 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 -

Guiberson G-6
Pkr @ 3350'

Perfs: 3437' to 3680'

PBTD: 3686'

TD: 3729'

4-1/2" @ 3729'

Jalmat Tansill Yates Seven Rivers - 3000'

INJECTION WELL DATA SHEET

OXY USA Inc.

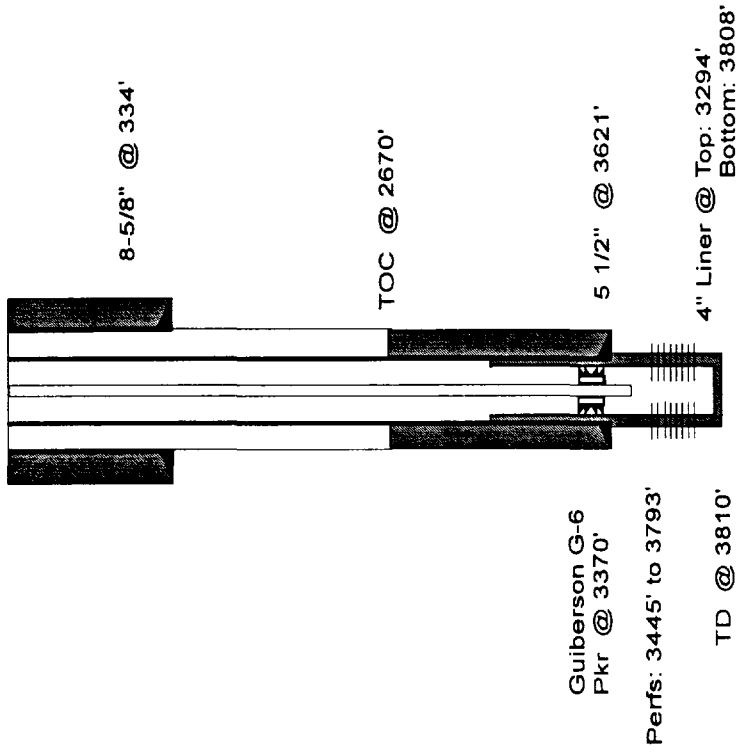
Myers Langlie Mattix Unit # 170

1980' FSL & 330' FWL, Sec 5, T-24-S, R-37-E

Lea County, New Mexico

Casing - Cement Data

Type	Size	Hole Size	Set At	Cement	TOC	Determined By
Surface	8 5/8"	12 1/4"	334'	300 sx	Surface	Circulated
Production	5 1/2"	7 7/8"	3621'	250 sx	2670'	Temperature Svy
Liner	4 "	4 3/4"	3808'	100 sx	3294'	Circulated



Well Data

Injection Perfs - 3445' - 3793'

Injection Tubing - 2 3/8" Fiberglass Lined

Injection Packer - Guiberson G-6

Injection Formation - Queen - Penrose

Field - Langlie Mattix Seven Rivers Queen Grayburg

New Well drilled for Injection - No

If not 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 -

Jalmat Tansill Yates Seven Rivers - 3000'

Guiberson G-6
Pkr @ 3370'

Perfs: 3445' to 3793'

4" Liner @ Top: 3294'
Bottom: 3808'

TD @ 3810'

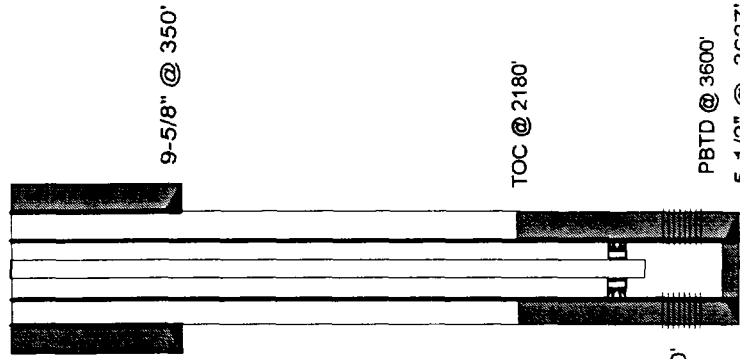
INJECTION WELL DATA SHEET

OXY USA Inc.

Myers Langlie Mattix Unit # 176
660' FSL & 660' FEL, Sec 6, T-24-S, R-37-E
Lea County, New Mexico

Casing - Cement Data

Type	Size	Hole Size	Set At	Cement	TOC	Determined By
Surface	9 5/8"	Unknown	350'	250 sx	Surface	Circulated
Production	5 1/2"	Unknown	3627'	350 sx	2180'	Temperature Svy



Well Data

Injection Perfs - 3516' - 3590'
Injection Tubing - 2 3/8" Fiberglass Lined
Injection Packer - Guiberson G-6
Injection Formation - Queen - Penrose
Field - Langlie Mattix Seven Rivers Queen Grayburg
New Well drilled for Injection - No
If not 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 -

Jalmat Tansill Yates Seven Rivers - 3000'

Guiberson G-6
Pkr @ 3557'

Perfs: 3516' to 3590'

PBTD @ 3600'

TD @ 3627'

5-1/2" @ 3627'

TOC @ 2180'

INJECTION WELL DATA SHEET

OXY USA Inc.

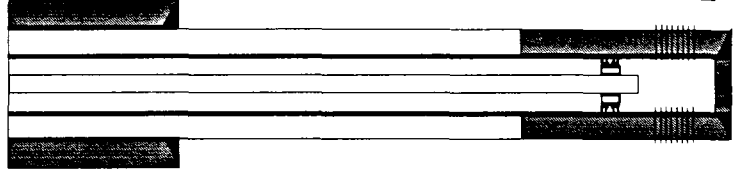
Myers Langlie Mattix Unit # 178

660' FSL & 1980' FWL, Sec 5, T-24-S, R-37-E

Lea County, New Mexico

Casing - Cement Data

Type	Size	Hole Size	Set At	Cement	TOC	Determined By
Surface	10 3/4"	13 3/4"	1086'	600 sx	Surface	Circulated
Production	7 "	8 3/4"	3620'	250 sx	2205'	Temperature Svy



Well Data

Injection Perfs - 3442' - 3570'

Injection Tubing - 2 3/8" Fiberglass Lined

Injection Packer - Guiberson G-6

Injection Formation - Queen - Penrose

Field - Langlie Mattix Seven Rivers Queen Grayburg

New Well drilled for Injection - No

If not 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 -

Guiberson G-6
Pkr @ 3360'

Perfs: 3442' to 3570'

TD : 3621'

TOC @ 2205'

PBTD : 3609'
7" @ 3620'

Jalmat Tansill Yates Seven Rivers - 3000'

INJECTION WELL DATA SHEET

OXY USA Inc.

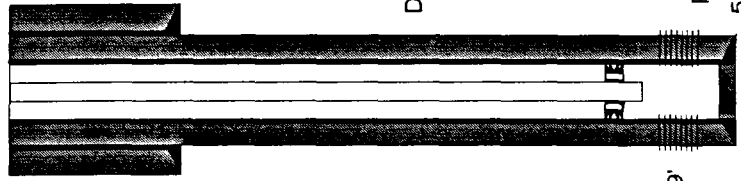
Myers Langlie Mattix Unit # 251

660' FSL & 2096' FWL, Sec 32, T-23-S, R-37-E

Lea County, New Mexico

Casing - Cement Data

Type	Size	Hole Size	Set At	Cement	TOC	Determined By
Surface	8 5/8"	12 1/4"	490'	325 sx	Surface	Circulated
Production	5 1/2"	7 7/8"	3748'	1020 sx	Surface	Circulated



Well Data

Injection Perfs - 3354' - 3699'

Injection Tubing - 2 3/8" Fiberglass Lined

Injection Packer - Guiberson G-6

Injection Formation - Queen - Penrose

Field - Langlie Mattix Seven Rivers Queen Grayburg

New Well drilled for Injection - No

If not 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 -

Guiberson G-6 Pkr
@ 3270'

Perfs: 3354' to 3699'

TD: 3750'

P8TD: 3724'

5-1/2" @ 3748'

Jalmat Tansill Yates Seven Rivers - 3000'

INJECTION WELL DATA SHEET

OXY USA Inc.

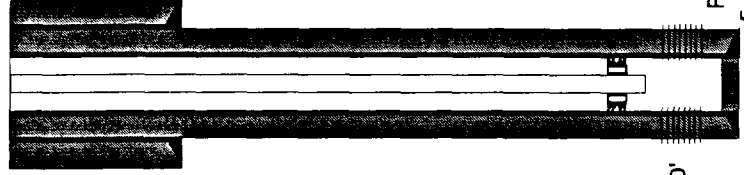
Myers Langlie Mattix Unit # 252

685' FSL & 660' FEL, Sec 32, T-23-S, R-37-E

Lea County, New Mexico

Casing - Cement Data

Type	Size	Hole Size	Set At	Cement	TOC	Determined By
Surface	8 5/8"	12 1/4"	530'	275 sx	Surface	Circulated
Production	5 1/2"	7 7/8"	3749'	750 sx	Surface	Circulated



Well Data

Injection Perfs - 3523' - 3730'

Injection Tubing - 2 3/8" Fiberglass Lined

Injection Packer - Guiberson G-6

Injection Formation - Queen - Penrose

Field - Langlie Mattix Seven Rivers Queen Grayburg

New Well drilled for Injection - No

If not 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 -

Guiberson G-6
Pkr @ 3450'

Perfs: 3523' to 3730'

TD : 3754'

PBTD: 3740'

5-1/2" @ 3749'

Jalmat Tansill Yates Seven Rivers - 3000'

OFFSET WELL DATA

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	Myers Langlie Mattix Unit #38	Myers Langlie Mattix Unit #63	Myers Langlie Mattix Unit #64	Myers Langlie Mattix Unit #69	Myers Langlie Mattix Unit #70
Location	660' FSL & 660' FEL Sec 25, T23S, R36E	660' FNL & 660' FEL Sec 36, T23S, R36E	660' FNL & 1980' FEL Sec 36, T23S, R36E	2030' FNL & 1980' FEL Sec 36, T23S, R36E	1980' FNL & 660' FEL Sec 36, T23S, R36E
Operator	OXY USA Inc.	OXY USA Inc.	OXY USA Inc.	OXY USA Inc.	OXY USA Inc.
Date Drilled	December 8, 1949	April 21, 1949	June 14, 1949	January 27, 1949	February 27, 1949
Well Type	Producer	Injector	Producer	Injector	Producer
Casing	10 3/4" @ 298'	8 5/8" @ 307'	8 5/8" @ 309'	8 5/8" @ 313'	8 5/8" @ 328'
	Cmtd w/ 200 sx	Cmtd w/ 225 sx	Cmtd w/ 200 sx	Cmtd w/ 200 sx	Cmtd w/ 200 sx
	7 5/8" @ 1214'	5 1/2" @ 3485'	5 1/2" @ 3490'	5 1/2" @ 3460'	5 1/2" @ 3465'
	Cmtd w/ 500 sx	Cmtd w/ 500 sx	Cmtd w/ 500 sx	Cmtd w/ 500 sx	Cmtd w/ 500 sx
Total Depth	5 1/2" @ 3489'			4" Lnr (3065' - 3680')	
	Cmtd w/ 900 sx			Cmtd w/ 300 sx	
Completion	3635'	3600'	3600'	3680'	3609'
	Queen Open Hole (3489' - 3635')	Queen Open Hole (3485' - 3600')	Queen Open Hole (3490' - 3600')	Queen Perfs (3470' - 3638')	Queen Open Hole (3465' - 3609')

	State LMT #10	Myers Langlie Mattix Unit #99	Myers Langlie Mattix Unit #100	Holt - Mexico State #1	Myers Langlie Mattix Unit #104
Location	1860' FNL & 780' FEL Sec 36, T23S, R36E	1980' FSL & 660' FEL Sec 36, T23S, R36E	1980' FSL & 1980' FEL Sec 36, T23S, R36E	1100' FSL & 1650' FEL Sec 36, T23S, R36E	660' FSL & 660' FEL Sec 36, T23S, R36E
Operator	Amerada	OXY USA Inc.	OXY USA Inc.	Meridian	OXY USA Inc.
Date Drilled	April 2, 1980	May 26, 1949	September 26, 1948	September 10, 1985	August 5, 1949
Well Type	Producer	Injector	Producer	Producer	Producer
Casing	8 5/8" @ 339'	9 5/8" @ 322'	9 5/8" @ 328'	9 5/8" @ 445'	9 5/8" @ 307'
	Cmtd w/ 325 sx	Cmtd w/ 200 sx	Cmtd w/ 300 sx	Cmtd w/ 350 sx	Cmtd w/ 225 sx
	5 1/2" @ 2915'	5 1/2" @ 3450'	7" @ 3400'	7" @ 3550'	5 1/2" @ 3389'
	Cmtd w/ 1000 sx	Cmtd w/ 750 sx	Cmtd w/ 250 sx	Cmtd w/ 800 sx	Cmtd w/ 900 sx
Total Depth	3305'	3610'	3590'	3550'	3706'
Completion	Yates Open Hole (2915' - 3305')	Queen Open Hole (3450' - 3610')	Queen Open Hole (3400' - 3590')	Yates Perfs (2906' - 3191')	Queen Open Hole (3389' - 3706')

OFFSET WELL DATA

	Myers Langlie Mattix Unit #103	R.W. Cowden #1	Myers Langlie Mattix Unit #40	Myers Langlie Mattix Unit #60	Myers LM Unit #61 R.W. Cowden C #4
Location	660' FSL & 1980' FEL Sec 36, T23S, R36E	660' FSL & 1980' FWL Sec 30, T23S, R37E	660' FSL & 2080' FWL Sec 30, T23S, R37E	660' FNL & 660' FEL Sec 31, T23S, R37E	990' FNL & 1980' FWL Sec 31, T23S, R37E
Operator	OXY USA Inc.	George Livermore	OXY USA Inc.	OXY USA Inc.	OXY USA / D. Hartman
Date Drilled	June 25, 1949	February 3, 1950	December 13, 1981	September 4, 1978	November 18, 1949
Well Type	Injector	Producer (P&A)	Producer	Producer	Injector / Producer
Casing	9 5/8" @ 1168'	8 5/8" @ 1217'	8 5/8" @ 523'	8 5/8" @ 519'	8 5/8" @ 1184'
	Cmtd w/ 400 sx	Cmtd w/ 500 sx	Cmtd w/ 350 sx	Cmtd w/ 350 sx	Cmtd w/ 500 sx
	7" @ 3385'	5 1/2" @ 3498'	5 1/2" @ 3779'	5 1/2" @ 3760'	5 1/2" @ 3475'
	Cmtd w/ 350 sx	Cmtd w/ 525 sx	Cmtd w/ 1100 sx	Cmtd w/ 800 sx	Cmtd w/ 600 sx
Total Depth	5" Lnr (3069' - 3758')				
	Cmtd w/ 250 sx				
Total Depth	3758'	3696'	3802'	3760'	3657'
Completion	Queen Perfs (3442' - 3648')	Queen Open Hole (3498' - 3696')	Queen Perfs (3511' - 3763')	Queen Perfs (3519' - 3690')	Queen (3475' - 3657') Yates (3000' - 3180')

	Myers Langlie Mattix Unit #1	Myers Langlie Mattix Unit #62	Myers Langlie Mattix Unit #71	Myers Langlie Mattix Unit #259	Myers Langlie Mattix Unit #72
Location	330' FNL & 430' FWL Sec 31, T23S, R37E	660' FNL & 660' FWL Sec 31, T23S, R37E	1980' FNL & 660' FWL Sec 31, T23S, R37E	2620' FNL & 1340' FWL Sec 31, T23S, R37E	1980' FNL & 1980' FWL Sec 31, T23S, R37E
Operator	OXY USA Inc.	OXY USA Inc.	OXY USA Inc.	OXY USA Inc.	OXY USA Inc.
Date Drilled	September 20, 1980	September 7, 1949	October 3, 1949	September 1, 1994	October 23, 1949
Well Type	Pressure Observation	Producer	Injector	Producer	Producer
Casing	8 5/8" @ 518'	10 3/4" @ 236'	8 5/8" @ 1185'	8 5/8" @ 438'	8 5/8" @ 1185'
	Cmtd w/ 350 sx	Cmtd w/ 200 sx	Cmtd w/ 500 sx	Cmtd w/ 260 sx	Cmtd w/ 500 sx
	5 1/2" @ 1409'	7 5/8" @ 1185'	5 1/2" @ 3481'	5 1/2" @ 3875'	5 1/2" @ 3480'
	Cmtd w/ 600 sx	Cmtd w/ 500 sx	Cmtd w/ 600 sx	Cmtd w/ 1450 sx	Cmtd w/ 600 sx
Total Depth		5 1/2" @ 3485'	4 1/2" Lnr (3459' - 3647')		4 1/2" Lnr (3428' - 3698')
		Cmtd w/ 600 sx	Not cemented		Cmtd w/ 70 sx
Total Depth	1450'	3650'	3650'	3875'	3698'
Completion	Open Hole (1409' - 1450')	Queen Open Hole (3485' - 3650')	Queen Open Hole (3481' - 3650')	Queen Perfs (3462' - 3825')	Queen Perfs (3570' - 3670')

OFFSET WELL DATA

3

	Myers Langlie Mattix Unit #73	Myers Langlie Mattix Unit #74	R.W. Cowden C #9	Myers LM Unit #95 EE Blinebry Fed A #2	Myers Langlie Mattix Unit #263
Location	1980' FNL & 1980' FEL Sec 31, T23S, R37E	1880' FNL & 560' FEL Sec 31, T23S, R37E	1650' FNL & 800' FEL Sec 31, T23S, R37E	1980' FSL & 660' FEL Sec 31, T23S, R37E	1398' FSL & 1564' FEL Sec 31, T23S, R37E
Operator	OXY USA Inc.	OXY USA Inc.	Doyle Hartman	OXY USA Inc. / Texaco	OXY USA Inc.
Date Drilled	March 23, 1950	December 14, 1977	September 10, 1982	November 13, 1960	August 16, 1994
Well Type	Injector	Producer	Producer	Injector / Producer	Producer
Casing	7 5/8" @ 1205'	8 5/8" @ 500'	8 5/8" @ 415'	8 5/8" @ 1173'	8 5/8" @ 398'
	Cmtd w/ 500 sx	Cmtd w/ 225 sx	Cmtd w/ 225 sx	Cmtd w/ 400 sx	Cmtd w/ 260 sx
	5 1/2" @ 3480'	5 1/2" @ 3708'	4 1/2" @ 3357'	5 1/2" @ 3663'	5 1/2" @ 3925'
	Cmtd w/ 600 sx	Cmtd w/ 1000 sx	Cmtd w/ 950 sx	Cmtd w/ 300 sx	Cmtd w/ 1030 sx
Total Depth	4 1/2" Lnr (3422' - 3682')				
	Cmtd w/ 75 sx	3708'	3363'	3663'	3925'
Completion	Queen Perfs (3560' - 3658')	Queen Perfs 3708'	Yates Perfs 3363'	Queen (3515' - 3618')	Queen Perfs (3519' - 3673')

	Myers Langlie Mattix Unit #96	Myers Langlie Mattix Unit #260	Myers Langlie Mattix Unit #262	Myers LM Unit #97 EE Blinebry Fed A #3	Myers Langlie Mattix Unit #261
Location	1979' FSL & 1980' FEL Sec 31, T23S, R37E	2535' FSL & 2563' FWL Sec 31, T23S, R37E	1350' FSL & 2380' FWL Sec 31, T23S, R37E	1980' FSL & 1980' FWL Sec 31, T23S, R37E	1340' FSL & 1300' FWL Sec 31, T23S, R37E
Operator	OXY USA Inc.	OXY USA Inc.	OXY USA Inc.	OXY USA Inc. / Texaco	OXY USA Inc.
Date Drilled	June 11, 1950	September 1, 1994	November 15, 1994	January 25, 1950	August 20, 1994
Well Type	Producer	Producer	Producer	Injector / Producer	Producer
Casing	9 5/8" @ 1189'	8 5/8" @ 396'	8 5/8" @ 435'	9 5/8" @ 1181'	8 5/8" @ 419'
	Cmtd w/ 700 sx	Cmtd w/ 260 sx	Cmtd w/ 260 sx	Cmtd w/ 700 sx	Cmtd w/ 260 sx
	7" @ 3447'	5 1/2" @ 3825'	5 1/2" @ 3850'	7" @ 3440'	5 1/2" @ 3825'
	Cmtd w/ 525 sx	Cmtd w/ 1050 sx	Cmtd w/ 1050 sx	Cmtd w/ 525 sx	Cmtd w/ 900 sx
Total Depth	3618'	3825'	3850'	3608'	3825'
Completion	Queen Open Hole 3618'	Queen Perfs (3505' - 3774')	Queen Perfs (3488' - 3671')	Queen (3440' - 3608') Yates (3037' - 3220')	Queen Perfs (3470' - 3735')

OFFSET WELL DATA

	Myers Langlie Mattix Unit #98	Myers Langlie Mattix Unit #258	Myers Langlie Mattix Unit #105	Myers Langlie Mattix Unit #106	Myers Langlie Mattix Unit #107
Location	1980' FSL & 660' FWL Sec 31, T23S, R37E	2560' FSL & 120' FWL Sec 31, T23S, R37E	660' FSL & 660' FWL Sec 31, T23S, R37E	660' FSL & 1936' FWL Sec 31, T23S, R37E	660' FSL & 1980' FEL Sec 31, T23S, R37E
Operator	OXY USA Inc.	OXY USA Inc.	OXY USA Inc.	OXY USA Inc.	OXY USA Inc.
Date Drilled	June 19, 1949	September 7, 1994	October 23, 1949	October 31, 1951	October 13, 1950
Well Type	Producer	Producer	Injector	Producer	Injector
Casing	9 5/8" @ 1195'	8 5/8" @ 431'	9 5/8" @ 1191'	13" @ 275'	9 5/8" @ 1186'
	Cmtd w/ 770 sx	Cmtd w/ 260 sx	Cmtd w/ 700 sx	Cmtd w/ 275 sx	Cmtd w/ 700 sx
	7" @ 3450'	5 1/2" @ 3825'	7" @ 3470'	9 5/8" @ 1195'	7" @ 3450'
	Cmtd w/ 525 sx	Cmtd w/ 750 sx	Cmtd w/ 525 sx	Cmtd w/ 700 sx	Cmtd w/ 525 sx
				7" @ 3453'	4 1/2" Lnr (3408' - 3505')
				Cmtd w/ 525 sx	Cmtd w/ 40 sx
				4 1/2" Lnr (3133' - 3740')	
				Cmtd w/ 150 sx	
Total Depth	3608'	3825'	3608'	3740'	3645'
Completion	Queen Open Hole (3450' - 3608')	Queen Perfs (3505' - 3774')	Queen Open Hole (3470' - 3608')	Queen Perfs (3546' - 3627')	Queen Open Hole (3505' - 3645')

	Myers Langlie Mattix Unit #108	Myers Langlie Mattix Unit #252	Myers Langlie Mattix Unit #57	Myers Langlie Mattix Unit #58	H. Leonard B #2
Location	660' FSL & 660' FEL Sec 31, T23S, R37E	685' FSL & 660' FEL Sec 31, T23S, R37E	880' FNL & 1760' FWL Sec 32, T23S, R37E	785' FNL & 560' FWL Sec 32, T23S, R37E	660' FNL & 660' FWL Sec 32, T23S, R37E
Operator	OXY USA Inc.	OXY USA Inc.	OXY USA Inc.	OXY USA Inc.	Great Western Drilling
Date Drilled	April 1, 1961	August 7, 1984	June 16, 1939	March 26, 1982	April 21, 1939
Well Type	Producer (P&A)	Producer	Injector	Producer	Producer
Casing	10 3/4" @ 294'	8 5/8" @ 530'	8 5/8" @ 1192'	8 5/8" @ 501'	8 5/8" @ 1200'
	Cmtd w/ 250 sx	Cmtd w/ 275 sx	Cmtd w/ 400 sx	Cmtd w/ 350 sx	Cmtd w/ 500 sx
	7 5/8" @ 1164'	5 1/2" @ 3749'	5 1/2" @ 3423'	5 1/2" @ 3771'	5 1/2" @ 3470'
	Cmtd w/ 400 sx	Cmtd w/ 750 sx	Cmtd w/ 200 sx	Cmtd w/ 1200 sx	Cmtd w/ 200 sx
	2 7/8" @ 3670'		4" Liner (3229' - 3748')		
	Cmtd w/ 400 sx		Cmtd w/ 175 sx		
Total Depth	3670'	3754'	3750'	3771'	3580'
Completion	Penrose perfs (3542' - 3648')	Queen Perfs (3523' - 3730')	Queen Perfs (3429' - 3674')	Queen Perfs (3477' - 3671')	Yates Perfs (2992' - 3109')

OFFSET WELL DATA

	Myers Langlie Mattix Unit #75	Myers Langlie Mattix Unit #76	Myers Langlie Mattix Unit #92	Myers Langlie Mattix Unit #93	Myers Langlie Mattix Unit #265
Location	1980' FNL & 660' FWL Sec 32, T23S, R37E	1980' FNL & 1980' FWL Sec 32, T23S, R37E	1980' FSL & 1980' FEL Sec 32, T23S, R37E	1980' FSL & 1750' FWL Sec 32, T23S, R37E	1460' FSL & 1340' FWL Sec 32, T23S, R37E
Operator	OXY USA Inc.	OXY USA Inc.	OXY USA Inc.	OXY USA Inc.	OXY USA Inc.
Date Drilled	July 10, 1978	August 14, 1978	September 25, 1978	January 18, 1978	November 17, 1994
Well Type	Injector	Producer	Producer	Injector	Producer
Casing	8 5/8" @ 496'	8 5/8" @ 506'	8 5/8" @ 510'	8 5/8" @ 500'	8 5/8" @ 393'
	Cmtd w/ 300 sx	Cmtd w/ 350 sx	Cmtd w/ 350 sx	Cmtd w/ 300 sx	Cmtd w/ 260 sx
	5 1/2" @ 3732'	5 1/2" @ 3760'	5 1/2" @ 3756'	5 1/2" @ 3725'	5 1/2" @ 3750'
	Cmtd w/ 1400 sx	Cmtd w/ 800 sx	Cmtd w/ 950 sx	Cmtd w/ 1100 sx	Cmtd w/ 900 sx
Total Depth	3732'	3760'	3756'	3725'	3750'
Completion	Queen Perfs (3643' - 3673')	Queen Perfs (3459' - 3616')	Queen Perfs (3429' - 3588')	Queen Perfs (3466' - 3652')	Queen Perfs (3411' - 3553')

	Myers Langlie Mattix Unit #94	Myers Langlie Mattix Unit #264	Shell State #13	El Paso Plant #1	State LPG Storage #1
Location	1980' FSL & 760' FWL Sec 32, T23S, R37E	1400' FSL & 160' FWL Sec 32, T23S, R37E	1980' FSL & 660' FWL Sec 32, T23S, R37E	1650' FSL & 660' FWL Sec 32, T23S, R37E	450' FSL & 780' FWL Sec 32, T23S, R37E
Operator	OXY USA Inc.	OXY USA Inc.	Christie Gas Corp.	Lanexco	Christie Gas Corp.
Date Drilled	December 4, 1980	November 17, 1994	October 30, 1979	September 27, 1979	November 2, 1952
Well Type	Producer	Producer	Salt Water Disposal	Producer	LPG Storage Well
Casing	8 5/8" @ 497'	8 5/8" @ 403'	7 5/8" @ 256'	8 5/8" @ 418'	9 5/8" @ 262'
	Cmtd w/ 350 sx	Cmtd w/ 260 sx	Cmtd w/ 180 sx	Cmtd w/ 300 sx	Cmtd w/ 168 sx
	5 1/2" @ 3750'	5 1/2" @ 3900'	4 1/2" @ 3719'	5 1/2" @ 3300'	7" @ 1521'
	Cmtd w/ 1140 sx	Cmtd w/ 950 sx	Cmtd w/ 200 sx	Cmtd w/ 705 sx	Cmtd w/ 910 sx
Total Depth	3750'	3900'	3996'	3300'	1900'
Completion	Queen Perfs (3440' - 3677')	Queen Perfs (3453' - 3627')	(3866' - 3982')	Yates Perfs (3002' - 3172')	Salado Open Hole (1521' - 1900')

OFFSET WELL DATA

	State LPG Storage #2	State LPG Storage #3	State LPG Storage #4	Myers Langlie Mattix Unit #109	Myers Langlie Mattix Unit #251
Location	100' FSL & 280' FWL Sec 32, T23S, R37E	1000' FSL & 580' FWL Sec 32, T23S, R37E	1000' FSL & 1230' FWL Sec 32, T23S, R37E	660' FSL & 660' FWL Sec 32, T23S, R37E	660' FSL & 2096' FWL Sec 32, T23S, R37E
Operator	Christie Gas Corp.	Christie Gas Corp.	Christie Gas Corp.	OXY USA Inc.	OXY USA Inc.
Date Drilled	October 11, 1953	June 19, 1960	July 8, 1960	October 29, 1951	February 28, 1984
Well Type	LPG Storage Well	LPG Storage Well	LPG Storage Well	Injector	Producer
Casing	9 5/8" @ 205'	13 3/8" @ 286'	13 3/8" @ 430'	10 3/4" @ 298'	8 5/8" @ 490'
	Cmtd w/ 150 sx	Cmtd w/ 650 sx	Cmtd w/ 900 sx	Cmtd w/ 250 sx	Cmtd w/ 325 sx
	7" @ 1672'	9 5/8" @ 1655'	9 5/8" @ 1666'	7 5/8" @ 1184'	5 1/2" @ 3749'
	Cmtd w/ 700 sx	Cmtd w/ 500 sx	Cmtd w/ 600 sx	Cmtd w/ 400 sx	Cmtd w/ 1020 sx
	5 1/2" @ 1656'			3 1/2" @ 3676'	
Total Depth	Cmtd w/ 705 sx			Cmtd w/ 250 sx	
	2040'	2677'	2680'	3676'	3750'
Completion	Salado Open Hole (1672' - 2040')	Salado Open Hole (1655' - 2677')	Salado Open Hole (1666' - 2680')	Queen Perfs (3498' - 3596')	Queen Perfs (3354' - 3699')

	Myers Langlie Mattix Unit #110	Myers Langlie Mattix Unit #111	Myers Langlie Mattix Unit #112	Myers Langlie Mattix Unit #138	Vaughn B-1 #4
Location	590' FSL & 2050' FWL Sec 32, T23S, R37E	660' FSL & 2080' FEL Sec 32, T23S, R37E	990' FSL & 990' FEL Sec 32, T23S, R37E	660' FNL & 660' FEL Sec 1, T24S, R36E	660' FNL & 1980' FEL Sec 1, T24S, R36E
Operator	OXY USA Inc.	OXY USA Inc.	OXY USA Inc.	OXY USA Inc.	Conoco
Date Drilled	December 13, 1961	February 18, 1978	December 23, 1953	January 2, 1950	March 5, 1950
Well Type	Producer (P&A)	Injector	Producer	Injector	Producer (P&A)
Casing	10 3/4" @ 278'	8 5/8" @ 495'	9 5/8" @ 303'	10 3/4" @ 283'	13 3/8" @ 290'
	Cmtd w/ 250 sx	Cmtd w/ 350 sx	Cmtd w/ 225 sx	Cmtd w/ 200 sx	Cmtd w/ 300 sx
	7 5/8" @ 1174'	5 1/2" @ 3725'	7" @ 3660'	7 5/8" @ 1208'	8 5/8" @ 1208'
	Cmtd w/ 400 sx	Cmtd w/ 850 sx	Cmtd w/ 325 sx	Cmtd w/ 500 sx	Cmtd w/ 500 sx
	2 7/8" @ 3669'			5 1/2" @ 3449'	5 1/2" @ 3438'
Total Depth	Cmtd w/ 250 sx			Cmtd w/ 500 sx	Cmtd w/ 647 sx
	3670'	3727'	3660'	3609'	3593'
Completion	Queen Perfs (3459' - 3538')	Queen Perfs (3385' - 3682')	Queen Perfs (3420' - 3590')	Queen Open Hole (3449' - 3609')	Yates Open Hole (3438' - 3593')

OFFSET WELL DATA

	Vaughn B-1 #1	Vaughn B-1 #7	Myers Langlie Mattix Unit #131	Myers Langlie Mattix Unit #132	Myers Langlie Mattix Unit #269
Location	1650' FNL & 990' FEL Sec 1, T24S, R36E	1980' FNL & 660' FEL Sec 1, T24S, R36E	660' FNL & 1980' FEL Sec 5, T24S, R37E	660' FNL & 1980' FWL Sec 5, T24S, R37E	238' FNL & 1274' FWL Sec 5, T24S, R37E
Operator	Conoco	Conoco	OXY USA Inc.	OXY USA Inc.	OXY USA Inc.
Date Drilled	October 20, 1947	September 6, 1977	September 2, 1978	May 14, 1962	September 20, 1994
Well Type	Producer	Producer	Producer	Injector	Producer
Casing	7 5/8" @ 1195'	8 5/8" @ 1186'	8 5/8" @ 516'	8 5/8" @ 352'	8 5/8" @ 426'
	Cmtd w/ 550 sx	Cmtd w/ 625 sx	Cmtd w/ 300 sx	Cmtd w/ 225 sx	Cmtd w/ 260 sx
	5 1/2" @ 2879'	5 1/2" @ 3683'	5 1/2" @ 3755'	4 1/2" @ 3734'	5 1/2" @ 3775'
	Cmtd w/ 550 sx	Cmtd w/ 1450 sx	Cmtd w/ 850 sx	Cmtd w/ 335 sx	Cmtd w/ 900 sx
Total Depth	3171'	3695'	3755'	3734'	3775'
Completion	Yates Open Hole (2879' - 3171')	Queen Perfs (3470' - 3606')	Queen Perfs (3472' - 3621')	Queen Perfs (3430' - 3694')	Queen Perfs (3466' - 3708')

	Myers Langlie Mattix Unit #133	Myers Langlie Mattix Unit #142	Myers B Federal RA B #30	Myers Langlie Mattix Unit #271	Myers Langlie Mattix Unit #273
Location	660' FNL & 660' FWL Sec 5, T24S, R37E	1962' FNL & 660' FWL Sec 5, T24S, R37E	1650' FNL & 600' FWL Sec 5, T24S, R37E	1340' FNL & 1030' FWL Sec 5, T24S, R37E	2533' FNL & 1350' FWL Sec 5, T24S, R37E
Operator	OXY USA Inc.	OXY USA Inc.	Amoco	OXY USA Inc.	OXY USA Inc.
Date Drilled	February 12, 1962	March 1, 1962	December 20, 1977	September 7, 1994	September 27, 1994
Well Type	Producer	Injector	Producer (P&A)	Producer	Producer
Casing	8 5/8" @ 352'	8 5/8" @ 353'	8 5/8" @ 1175'	8 5/8" @ 402'	8 5/8" @ 418'
	Cmtd w/ 250 sx	Cmtd w/ 255 sx	Cmtd w/ 500 sx	Cmtd w/ 260 sx	Cmtd w/ 260 sx
	5 1/2" @ 3680'	4 1/2" @ 3691'	5 1/2" @ 3405'	5 1/2" @ 3900'	5 1/2" @ 3800'
	Cmtd w/ 300 sx	Cmtd w/ 350 sx	Cmtd w/ 670 sx	Cmtd w/ 950 sx	Cmtd w/ 900 sx
Total Depth	3680'	3691'	3405'	3900'	3800'
Completion	Queen Perfs (3503' - 3623')	Queen Perfs (3464' - 3644')	Yates Perfs (3054' - 3190')	Queen Perfs (3472' - 3719')	Queen Perfs (3460' - 3713')

OFFSET WELL DATA

	Myers Langlie Mattix Unit #143	Myers Langlie Mattix Unit #144	Myers Langlie Mattix Unit #168	Myers Langlie Mattix Unit #169	Courtland Myers #10
Location	1960' FNL & 1905' FWL Sec 5, T24S, R37E	1966' FNL & 1980' FEL Sec 5, T24S, R37E	1980' FSL & 1980' FEL Sec 5, T24S, R37E	1980' FSL & 1980' FWL Sec 5, T24S, R37E	1720' FSL & 1980' FWL Sec 5, T24S, R37E
Operator	OXY USA Inc.	OXY USA Inc.	OXY USA Inc.	OXY USA Inc.	Meridian
Date Drilled	March 14, 1962	July 17, 1961	August 16, 1978	July 21, 1961	December 21, 1991
Well Type	Producer	Injector	Producer	Injector	Producer
Casing	8 5/8" @ 349'	7 5/8" @ 1175'	8 5/8" @ 520'	8 5/8" @ 325'	8 5/8" @ 425'
	Cmtd w/ 225 sx	Cmtd w/ 480 sx	Cmtd w/ 350 sx	Cmtd w/ 300 sx	Cmtd w/ 300 sx
	4 1/2" @ 3729'	4 1/2" @ 3687'	5 1/2" @ 3774'	5 1/2" @ 3597'	4 1/2" @ 3470'
	Cmtd w/ 335 sx	Cmtd w/ 500 sx	Cmtd w/ 1000 sx	Cmtd w/ 300 sx	Cmtd w/ 900 sx
Total Depth	3729'	3687'	3774'	3597'	3470'
Completion	Queen Perfs (3437' - 3680')	Queen Perfs (3410' - 3618')	Queen Perfs (3420' - 3638')	Queen Perfs (3534' - 3588')	Yates Perfs (2852' - 3182')

	Myers Langlie Mattix Unit #275	Myers Langlie Mattix Unit #170	Myers Langlie Mattix Unit #274	Myers LM Unit #177 Courtland Myers #2	Myers Langlie Mattix Unit #178
Location	1340' FSL & 1340' FWL Sec 5, T24S, R37E	1980' FSL & 330' FWL Sec 5, T24S, R37E	1300' FSL & 120' FWL Sec 5, T24S, R37E	660' FSL & 990' FWL Sec 5, T24S, R37E	660' FSL & 1980' FWL Sec 5, T24S, R37E
Operator	OXY USA Inc.	OXY USA Inc.	OXY USA Inc.	OXY USA Inc. / Meridian	OXY USA Inc.
Date Drilled	November 10, 1994	June 11, 1961	November 18, 1994	November 1, 1954	January 25, 1956
Well Type	Producer	Producer	Producer	Injector/ Producer	Producer
Casing	8 5/8" @ 411'	8 5/8" @ 334'	8 5/8" @ 394'	10 3/4" @ 391'	10 3/4" @ 1086'
	Cmtd w/ 260 sx	Cmtd w/ 300 sx	Cmtd w/ 260 sx	Cmtd w/ 250 sx	Cmtd w/ 600 sx
	5 1/2" @ 3800'	5 1/2" @ 3621'	5 1/2" @ 3823'	7" @ 3455'	7" @ 3620'
	Cmtd w/ 925 sx	Cmtd w/ 250 sx	Cmtd w/ 950 sx	Cmtd w/ 350 sx	Cmtd w/ 250 sx
Casing		4" Lnr (3286' - 3808')			
		Cmtd w/ 100 sx			
Total Depth	3800'	3810'	3825'	3561'	3621'
Completion	Queen Perfs (3458' - 3711')	Queen Perfs (3445' - 3793')	Queen Perfs (3454' - 3715')	Queen (3455' - 3561') Yates (3107' - 3152')	Queen Perfs (3442' - 3598')

OFFSET WELL DATA

	Myers Langlie Mattix Unit #179	Myers Langlie Mattix Unit #268	Myers Langlie Mattix Unit #134	Myers Langlie Mattix Unit #267	Myers Langlie Mattix Unit #135
Location	660' FSL & 1980' FEL Sec 5, T24S, R37E	139' FNL & 372' FEL Sec 6, T24S, R37E	660' FNL & 660' FEL Sec 6, T24S, R37E	190' FNL & 1460' FEL Sec 6, T24S, R37E	760' FNL & 2080' FEL Sec 6, T24S, R37E
Operator	OXY USA Inc.	OXY USA Inc.	OXY USA Inc.	OXY USA Inc.	OXY USA Inc.
Date Drilled	May 26, 1955	September 17, 1994	January 25, 1962	September 10, 1994	September 1, 1978
Well Type	Injector	Producer	Temporarily Abandoned	Producer	Producer
Casing	9 5/8" @ 1180'	8 5/8" @ 429'	8 5/8" @ 352'	8 5/8" @ 396'	8 5/8" @ 506'
	Cmtd w/ 750 sx	Cmtd w/ 260 sx	Cmtd w/ 250 sx	Cmtd w/ 260 sx	Cmtd w/ 350 sx
	7" @ 3455'	5 1/2" @ 3850'	4 1/2" @ 3725'	5 1/2" @ 3881'	5 1/2" @ 3813'
	Cmtd w/ 450 sx	Cmtd w/ 900 sx	Cmtd w/ 300 sx	Cmtd w/ 825 sx	Cmtd w/ 950 sx
Total Depth	3570'	3850'	3726'	3882'	3813'
Completion	Queen Perfs (3401' - 32') OH (3455' - 3570')	Queen Perfs (3516' - 3775')	Queen Perfs (3546' - 3655')	Queen Perfs (3533' - 3808')	Queen Perfs (3502' - 3686')

	Myers B Federal RA B #11	Myers Langlie Mattix Unit #266	Myers LM Unit #136 Carter Eaves A #1	Myers Langlie Mattix Unit #256	Myers Langlie Mattix Unit #137
Location	660' FNL & 1980' FEL Sec 6, T24S, R37E	100' FNL & 2556' FWL Sec 6, T24S, R37E	660' FNL & 1980' FWL Sec 6, T24S, R37E	105' FNL & 1310' FWL Sec 6, T24S, R37E	660' FNL & 626' FWL Sec 6, T24S, R37E
Operator	Amoco	OXY USA Inc.	OXY USA / D. Hartman	OXY USA Inc.	OXY USA Inc.
Date Drilled	December 5, 1951	August 17, 1994	July 7, 1951	March 21, 1986	June 2, 1950
Well Type	Producer (P&A)	Producer	Injector / Producer	Producer	Producer
Casing	8 5/8" @ 120'	8 5/8" @ 402'	13 3/8" @ 331'	8 5/8" @ 1055'	13 3/8" @ 325'
	Cmtd w/ 300 sx	Cmtd w/ 260 sx	Cmtd w/ 350 sx	Cmtd w/ 800 sx	Cmtd w/ 300 sx
	7" @ 3461'	5 1/2" @ 3848'	5 1/2" @ 3460'	5 1/2" @ 3758'	9 5/8" @ 1188'
	Cmtd w/ 200 sx	Cmtd w/ 1250 sx	Cmtd w/ 1300 sx	Cmtd w/ 725 sx	Cmtd w/ 500 sx
Total Depth					7" @ 3454'
					Cmtd w/ 400 sx
	3712'	3850'	3615'	3760'	3588'
Completion	Yates Perfs (2994' - 3230')	Queen Perfs (3490' - 3822')	Queen (3460' - 3615') Yates (3008' - 3194')	Queen Perfs (3542' - 3743')	Queen Open Hole (3454' - 3588')

OFFSET WELL DATA

	Carter Eaves A #2	Jim Camp WN #2	Myers Langlie Mattix Unit #139	Myers Langlie Mattix Unit #140	Myers B Federal RA B #31
Location	660' FNL & 924' FWL Sec 6, T24S, R37E	1980' FNL & 660' FWL Sec 6, T24S, R37E	1980' FNL & 1980' FWL Sec 6, T24S, R37E	1968' FNL & 1980' FEL Sec 6, T24S, R37E	1650' FNL & 1830' FEL Sec 6, T24S, R37E
Operator	Doyle Hartman	Arco	OXY USA Inc.	OXY USA Inc.	Amoco
Date Drilled	February 11, 1991	September 25, 1980	March 25, 1954	April 7, 1962	December 31, 1977
Well Type	Producer	Producer	Producer	Injector (P&A)	Producer
Casing	13 3/8" @ 454'	12 3/4" @ 30'	9 5/8" @ 354'	8 5/8" @ 352'	8 5/8" @ 1193'
	Cmtd w/ 700 sx	Cmtd w/ 25 sx	Cmtd w/ 400 sx	Cmtd w/ 225 sx	Cmtd w/ 550 sx
	7" @ 3594'	8 5/8" @ 1180'	7" @ 3464'	4 1/2" @ 3696'	5 1/2" @ 3400'
	Cmtd w/ 1525 sx	Cmtd w/ 400 sx	Cmtd w/ 460 sx	Cmtd w/ 335 sx	Cmtd w/ 600 sx
Total Depth	3600'	5 1/2" @ 3450 Cmtd w/ 500 sx	3620'	3696'	3400'
Completion	Yates Perfs (2972' - 3265')	Queen Perfs (3450' - 3570')	Queen Open Hole (3464' - 3620')	Queen Perfs (3486' - 3644')	Yates Perfs (3035' - 3194')

	Myers Langlie Mattix Unit #141	Myers Langlie Mattix Unit #270	Myers Langlie Mattix Unit #272	Myers Langlie Mattix Unit #171	Myers Langlie Mattix Unit #172
Location	1962' FNL & 660' FEL Sec 6, T24S, R37E	1410' FNL & 90' FEL Sec 6, T24S, R37E	2620' FNL & 90' FEL Sec 6, T24S, R37E	1980' FSL & 660' FEL Sec 6, T24S, R37E	1970' FSL & 1980' FEL Sec 6, T24S, R37E
Operator	OXY USA Inc.	OXY USA Inc.	OXY USA Inc.	OXY USA Inc.	OXY USA Inc.
Date Drilled	February 24, 1962	September 7, 1994	September 18, 1994	May 8, 1961	August 5, 1954
Well Type	Producer	Producer	Producer	Injector	Producer
Casing	8 5/8" @ 353'	8 5/8" @ 433'	8 5/8" @ 404'	8 5/8" @ 326'	10 3/4" @ 387'
	Cmtd w/ 250 sx	Cmtd w/ 260 sx	Cmtd w/ 260 sx	Cmtd w/ 300 sx	Cmtd w/ 250 sx
	4 1/2" @ 3701'	5 1/2" @ 3850'	5 1/2" @ 3875'	5 1/2" @ 3629'	7" @ 3476'
	Cmtd w/ 350 sx	Cmtd w/ 900 sx	Cmtd w/ 850 sx	Cmtd w/ 250 sx	Cmtd w/ 300 sx
Total Depth	3701'	3850'	3875'	3630'	3589'
Completion	Queen Perfs (3490' - 3640')	Queen Perfs (3505' - 3756')	Queen Perfs (3490' - 3748')	Queen Perfs (3488' - 3620')	Queen Perfs (3476' - 3589')

OFFSET WELL DATA

	Myers Langlie Mattix Unit #174	Myers Langlie Mattix Unit #175	Courtland Myers #9	Myers Langlie Mattix Unit #176	Myers Langlie Mattix Unit #202
Location	660' FSL & 1917' FWL Sec 6, T24S, R37E	990' FSL & 1650' FEL Sec 6, T24S, R37E	760' FSL & 960' FEL Sec 6, T24S, R37E	660' FSL & 660' FEL Sec 6, T24S, R37E	660' FNL & 660' FEL Sec 7, T24S, R37E
Operator	OXY USA Inc.	OXY USA Inc.	Meridian	OXY USA Inc.	OXY USA Inc.
Date Drilled	September 9, 1954	June 22, 1961	July 5, 1982	October 6, 1956	March 8, 1962
Well Type	Producer	Injector	Producer	Producer	Injector
Casing	9 5/8" @ 363'	8 5/8" @ 349'	8 5/8" @ 377'	9 5/8" @ 350'	8 5/8" @ 360'
	Cmtd w/ 400 sx	Cmtd w/ 300 sx	Cmtd w/ 300 sx	Cmtd w/ 250 sx	Cmtd w/ 225 sx
	7" @ 3419'	5 1/2" @ 3620'	5 1/2" @ 3300'	5 1/2" @ 3627'	4 1/2" @ 3671'
	Cmtd w/ 525 sx	Cmtd w/ 250 sx	Cmtd w/ 700 sx	Cmtd w/ 350 sx	Cmtd w/ 350 sx
Total Depth	3625'	3620'	3300'	3627'	3671'
Completion	Queen Open Hole (3419' - 3625')	Queen Perfs (3477' - 3617')	Yates Perfs (2930' - 3180')	Queen Perfs (3516' - 3590')	Queen Perfs (3446' - 3600')

	Myers Langlie Mattix Unit #203	Myers B Federal RA B #33	Myers Langlie Mattix Unit #213	Myers Langlie Mattix Unit #199	Hodge #2
Location	660' FNL & 1980' FEL Sec 7, T24S, R37E	940' FNL & 2090' FEL Sec 7, T24S, R37E	1980' FNL & 660' FEL Sec 7, T24S, R37E	660' FNL & 1980' FEL Sec 7, T24S, R37E	330' FNL & 2310' FEL Sec 7, T24S, R37E
Operator	OXY USA Inc.	Amoco	OXY USA Inc.	OXY USA Inc.	Meridian
Date Drilled	May 3, 1962	June 26, 1978	September 27, 1947	September 12, 1954	July 15, 1954
Well Type	Producer	Producer	Producer	Producer	Producer
Casing	8 5/8" @ 354'	8 5/8" @ 1205'	13 3/8" @ 328'	8 5/8" @ 286'	8 5/8" @ 281'
	Cmtd w/ 225 sx	Cmtd w/ 500 sx	Cmtd w/ 300 sx	Cmtd w/ 225 sx	Cmtd w/ 200 sx
	4 1/2" @ 3703'	5 1/2" @ 3450'	9 5/8" @ 1248'	5 1/2" @ 3390'	5 1/2" @ 2821'
	Cmtd w/ 335 sx	Cmtd w/ 575 sx	Cmtd w/ 405 sx	Cmtd w/ 300 sx	Cmtd w/ 200 sx
Total Depth			7" @ 3400'		
	3705'	3456'	Cmtd w/ 175 sx	3561'	3080'
Completion	Queen Perfs (3466' - 3601')	Yates Perfs (2977' - 3207')	Queen Open Hole (3400' - 3574')	Queen Open Hole (3390' - 3561')	Yates Open Hole (2821' - 3080')

OFFSET WELL DATA

	Myers Langlie Mattix Unit #200	Myers Langlie Mattix Unit #201	E.E. Jack #5	Myers Langlie Mattix Unit #215
Location	660' FNL & 1980' FWL Sec 7, T24S, R37E	660' FNL & 760' FWL Sec 7, T24S, R37E	990' FNL & 660' FWL Sec 7, T24S, R37E	1980' FNL & 1980' FWL Sec 7, T24S, R37E
Operator	OXY USA Inc.	OXY USA Inc.	Meridian	OXY USA Inc.
Date Drilled	February 15, 1955	March 17, 1955	September 28, 1985	January 29, 1955
Well Type	Injector	Producer	Producer	Producer
Casing	8 5/8" @ 297' Cmtd w/ 225 sx	9 5/8" @ 285' Cmtd w/ 225 sx	9 5/8" @ 402' Cmtd w/ 200 sx	9 5/8" @ 288' Cmtd w/ 225 sx
	5 1/2" @ 3420' Cmtd w/ 300 sx	7" @ 3400' Cmtd w/ 300 sx	7" @ 3498' Cmtd w/ 1150 sx	7" @ 3410' Cmtd w/ 400 sx
		4 1/2" Lnr (3112' - 3741') Cmtd w/ 125 sx		
	3562'	3741'	3500'	3560'
Total Depth	3562'	3741'	3500'	3560'
Completion	Queen Open Hole (3420' - 3562')	Queen Perfs (3450' - 3661')	Yates Perfs (2768' - 3164')	Queen Open Hole (3410' - 3560')

LIVERMORE - R.W. COWDEN #1
660' FSL & 1980' FML SEC 30 T23S R37E
LEA COUNTY, NEW MEXICO

ELEVATION: KB: N.A.
GL: N.A.

WELL COMPLETED: FEBRUARY 3, 1950

WELL PLUGGED: JULY 19, 1950

WELL REPLUGGED: AUGUST 1978

20 SX CMT PLUG (50' - 0')

30 SX CMT PLUG (1267' - 1167')

8 5/8" SURFACE CASING @ 1217'
CMTD W/ 500 SX CMT CIRC

30 SX CMT PLUG (3050' - 2950')

TOP OF 5 1/2" CSG STUB @ 3000'

5 1/2" CSG @ 3498' CMTD W/ 525 SX

25 SX CMT PLUG (3696' - 3470')

TD @ 3696'

	SURFACE	PRODUCTION
SIZE	8 5/8"	5 1/2"
WEIGHT	28 #	15.5 #
GRADE	N.A.	N.A.
THREAD	N.A.	N.A.
DEPTH	1217'	3498'

PREP'D BY: SCOTT E. GENGLER
DATE : April 25, 1994

OXY - MYERS LANGLEY MATTIX UNIT #108
 660' FSL & 660' FEL SEC 31 T23S R37E
 LEA COUNTY, NEW MEXICO

ELEVATION: KB: N.A.
 GL: N.A.

WELL COMPLETED: APRIL 1, 1961

WELL PLUGGED: MAY 1, 1984

10 3/4" SURFACE CASING @ 294'
 CNTD W/ 250 SX CNT CIRC

70 SX CNT PLUG (1490' - 0')

7 5/8" INTERMEDIATE CASING @ 1164'
 CNTD W/ 400 SX CNT CIRC

15 SX CNT PLUG (2108' - 1508')

20 SX CNT PLUG (2808' - 2208')

20 SX CNT PLUG (3661' - 3404')

QUEEN PERFS (3542' - 3648')

PBTD @ 3663'
 2 7/8" CSG @ 3670' CNTD W/ 400 SX
 TD @ 3670'

	SURFACE	INTERMED	PRODUCTION
SIZE	10 3/4"	7 5/8"	2 7/8"
WEIGHT	24 #	24 #	6.4 #
GRADE	H-40	H-40	J-55
THREAD	N.A.	N.A.	8RD
DEPTH	294'	1164'	3670'

PREP'D BY: SCOTT E. GENGLER
 DATE : May 1, 1994

OXY - MYERS LANGLIE MATTIX UNIT #110
590' FSL & 2050' FWL SEC 32 T23S R37E
LEA COUNTY, NEW MEXICO

ELEVATION: KB: N.A.
GL: N.A.

WELL COMPLETED: DECEMBER 13, 1961

WELL PLUGGED: MARCH 11, 1983

10 3/4" SURFACE CASING @ 278'
CMTD W/ 250 SX CMT CIRC

SQZD PERFS (1197' - 1198') W/ 350 SX
CMT CIRC

7 5/8" INTERMEDIATE CASING @ 1174'
CMTD W/ 400 SX CMT CIRC

SQUEEZE PERFS (1197' - 1198')
8 SX CMT PLUG (1506' - 1200')

CIBP @ 1506'

35 SX CMT PLUG (2700' - 2206')

20 SX CMT PLUG (3557' - 3020')

QUEEN PERFS (3459' - 3521')

PBTD @ 3663'
2 7/8" CS6 @ 3669' CMTD W/ 250 SX
TD @ 3670'

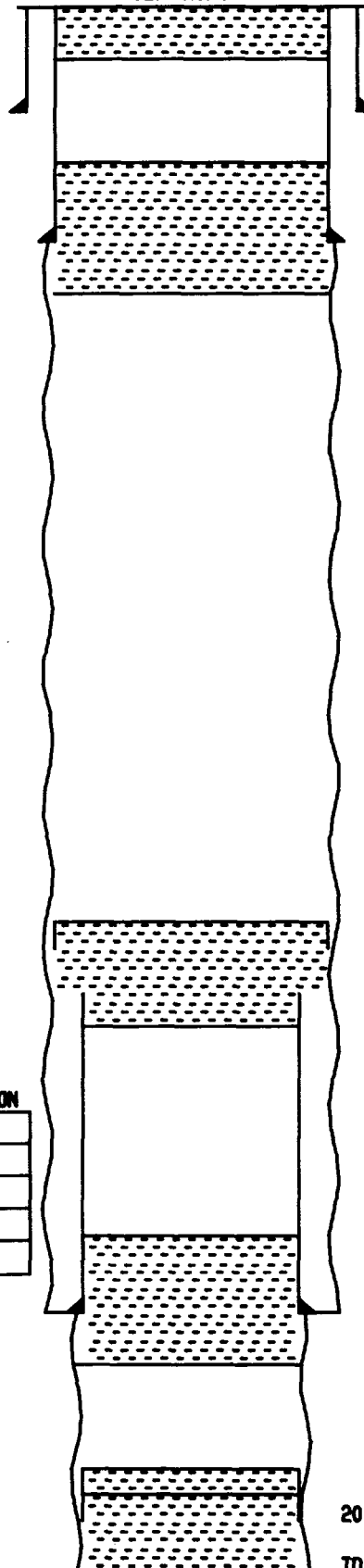
	SURFACE	INTERMED	PRODUCTION
SIZE	10 3/4"	7 5/8"	2 7/8"
WEIGHT	21.6#	15.28#	6.4 #
GRADE	H-40	H-40	J-55
THREAD	N.A.	N.A.	10RD
DEPTH	278'	1174'	3669'

PREPRD BY: SCOTT E. GENGLER
DATE : OCTOBER 17, 1994

CONOCO - VAUGHN B-1 #4
 660' FNL & 1980' FEL SEC 1 T24S R36E
 LEA COUNTY, NEW MEXICO

ELEVATION: KB: N.A.
 GL: N.A.

WELL COMPLETED: March 5, 1950
 WELL PLUGGED: OCTOBER 14, 1951



32 SX CMT PLUG (100' - 0')

13 3/8" SURFACE CSG @ 290'
 CMTD W/ 300 SX

38 SX CMT PLUG (1300' - 1140')

8 5/8" SURFACE CASING @ 1201'
 CMTD W/ 500 SX

30 SX CMT PLUG (2200' - 2100')

TOP OF 5 1/2" CSG STUB @ 2121'

15 SX CMT PLUG (3488' - 3388')

5 1/2" CSG @ 3438' CMTD W/ 647 SX

20 SX CMT PLUG (3593' - 3540')

TD @ 3593'

	SURFACE	INTERMED	PRODUCTION
SIZE	13 3/8"	8 5/8"	5 1/2"
WEIGHT	N.A.	N.A.	N.A.
GRADE	N.A.	N.A.	N.A.
THREAD	N.A.	N.A.	N.A.
DEPTH	290'	1201'	3438'

PREP'D BY: SCOTT E. GENGLER
 DATE : April 29, 1994

AMOCO - MYERS B FEDERAL RA B #30
1650' FNL & 600' FNL SEC 5 T24S R37E
LEA COUNTY, NEW MEXICO

ELEVATION: KB: N.A.
GL: N.A.

WELL COMPLETED: DECEMBER 20, 1977

WELL PLUGGED: AUGUST 23, 1993

25 SX CNT PLUG (100' - 0')

25 SX CNT PLUG (1225' - 1125')

8 5/8" SURFACE CASING @ 1175'
CNTD W/ 500 SX CNT CIRC

	SURFACE PRODUCTION	
SIZE	8 5/8"	5 1/2"
WEIGHT	N.A.	N.A.
GRADE	N.A.	N.A.
THREAD	N.A.	N.A.
DEPTH	1175'	3405'

25 SX CNT PLUG (3000' - 2900')

CIBP @ 3000'

YATES PERFS (3054' - 3190')

5 1/2" CSG @ 3405' CNTD W/ 670 SX
TD @ 3405'

PREP'D BY: SCOTT E. GENGLER
DATE : May 1, 1994

ELEVATION: KB: N.A.
GL: N.A.

WELL PLUGGED: JUNE 29, 1992

8 5/8" SURFACE CASING @ 352'
CMTD W/ 250 SX CMT CIRC

10 SX CNT PLUG (2750' - 2600')

5 SX CNT PLUG (3415' - 3340')
CIBP @ 3415'

QUEEN PERFS (3546' - 3655')

PBTD @ 3691'
4 1/2" CSG @ 3725' CNTD W/ 300 SX
TD @ 3726'

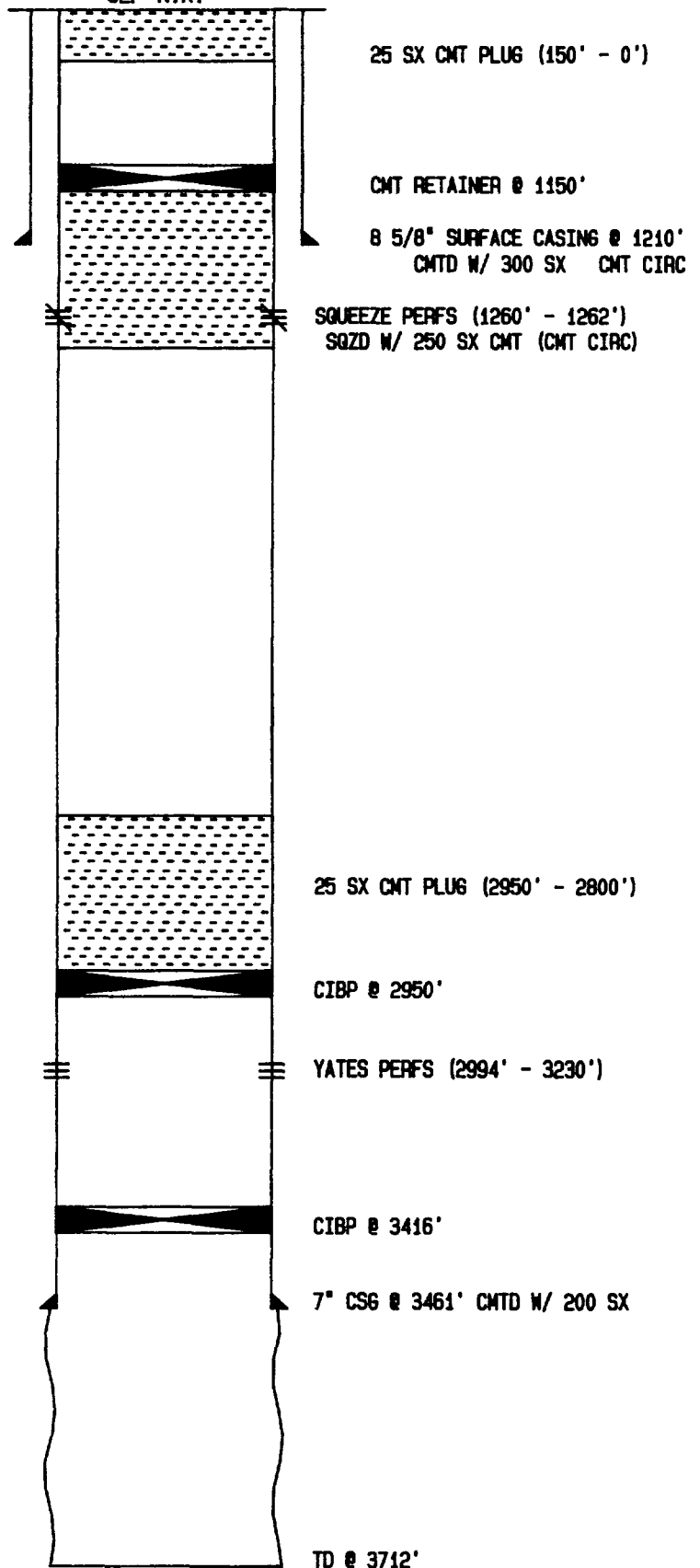
PREPARED BY: SCOTT E. GENGLER
DATE : May 1, 1994

AMOCO - MYERS B FEDERAL RA B #11
 660' FNL & 1980' FEL SEC 6 T24S R37E
 LEA COUNTY, NEW MEXICO

ELEVATION: KB: N.A.
 GL: N.A.

WELL COMPLETED: DECEMBER 5, 1951

WELL PLUGGED: AUGUST 26, 1993



	SURFACE	PRODUCTION
SIZE	8 5/8"	7 "
WEIGHT	28 #	15.5 #
GRADE	N.A.	N.A.
THREAD	N.A.	N.A.
DEPTH	1210'	3461'

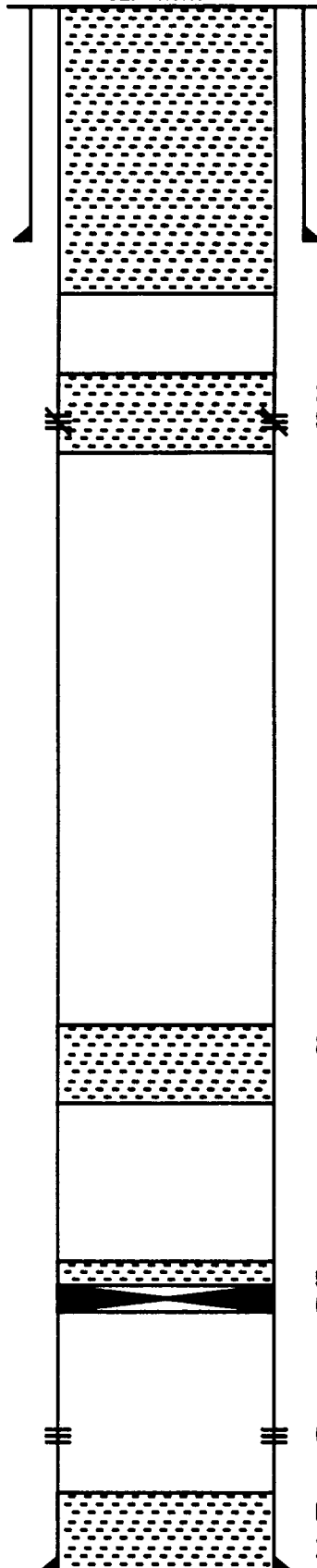
PREPRD BY: SCOTT E. GENGLER
 DATE : May 1, 1994

OXY - MYERS LANGLIE MATTIX UNIT #140
 1968' FNL & 1980' FNL SEC 6 T24S R37E
 LEA COUNTY, NEW MEXICO

ELEVATION: KB: N.A.
 GL: N.A.

WELL COMPLETED: APRIL 7, 1962

WELL PLUGGED: JUNE 25, 1992



125 SX CNT PLUG (407' - 0')

8 5/8" SURFACE CASING @ 352'
 CNTD W/ 225 SX CNT CIRC

30 SX CNT PLUG (1305' - 1080')
 SQUEEZE PERFS @ 1250'

20 SX CNT PLUG (2900' - 2700')

5 SX CNT PLUG (3400' - 3325')
 CIBP @ 3400'

QUEEN PERFS (3486' - 3644')

PBTD @ 3663'
 4 1/2" CS6 @ 3696' CNTD W/ 335 SX
 TD @ 3696'

	SURFACE	PRODUCTION
SIZE	8 5/8"	4 1/2"
WEIGHT	22.7#	9.5#
GRADE	N.A.	J-85
THREAD	N.A.	N.A.
DEPTH	352'	3696'

PREP'D BY: SCOTT E. GENGLER
 DATE : May 1, 1994

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 Myers Langlie Mattix Unit.
 - b. Supply water from Texaco's Jal Water System.
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

Legal Notice

OXY USA Inc., P. O. Box 50250, Midland, Texas, 79710, 915/685-5825, Scott Gengler - Engineer, proposes to inject water for secondary recovery purposes into the Myers Langlie Mattix Unit well #'s 70, 72, 94, 96, 98, 106, 133, 134, 135, 137, 141, 143, 170, 176, 178, 251, 252 located in section 36 of T-23-S, R-36-E, sections 31 and 32 of T-23-S, R-37-E, and sections 5 and 6 of T-24-S, R-37-E, Lea County, New Mexico. Water will be injected into the Queen formation at an average depth of 3700' at an approximate rate of 300 BWPD per well and at a maximum pressure of 1800#. Interested parties must file objections or requests for hearing with the New Mexico Oil Conservation Division, P. O. Box 2088, Santa Fe, New Mexico, 87501, within fifteen (15) days of receipt of this notice.

KELLAHIN AND KELLAHIN

ATTORNEYS AT LAW

EL PATIO BUILDING

117 NORTH GUADALUPE

POST OFFICE BOX 2265

SANTA FE, NEW MEXICO 87504-2265

W. THOMAS KELLAHIN*

*NEW MEXICO BOARD OF LEGAL SPECIALIZATION
RECOGNIZED SPECIALIST IN THE AREA OF
NATURAL RESOURCES-OIL AND GAS LAW

JASON KELLAHIN (RETIRED 1991)

TELEPHONE (505) 982-4285
TELEFAX (505) 982-2047

November 22, 1994

HAND DELIVERED

Mr. Michael E. Stogner
Chief Hearing Examiner
Oil Conservation Division
2040 South Pacheco
Santa Fe, New Mexico 87505

Re: Application of OXY USA Inc. for Approval of
an Expansion of its Myers Langlie-Mattix Unit
Waterflood Project and to Qualify Said Expansion
for the Recovered Oil Tax Rate Pursuant to the
"New Mexico Enhanced Oil Recovery Act",
Lea County, New Mexico

Dear Mr. Stogner:

On behalf of OXY USA Inc., please find enclosed our referenced application which we request be set for hearing on the next available Examiner's docket now scheduled for December 15, 1994.

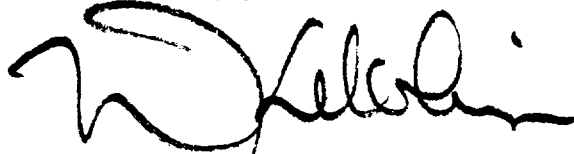
By copy of this letter and application, sent certified mail, we are notifying all interested parties within a 1/2 mile radius of the subject injection well of their right to appear at the hearing and participate in this case, including the right to present evidence either in support of or in opposition to the application and that failure to appear at the hearing may preclude them from any involvement in this case at a later date.

Mr. Michael E. Stogner
November 22, 1994
Page 2

Pursuant to the Division's Memorandum 2-90, all parties are hereby informed that if they appear in this case, then they are requested to file a Pre-Hearing Statement with the Division not later than 4:00 PM on Friday, December 9, 1994, with a copy delivered to the undersigned.

Also enclosed is our proposed advertisement of this case for the NMOCD docket.

Very truly yours,

A handwritten signature in black ink, appearing to read 'W. Thomas Kellahin', written in a cursive style.

W. Thomas Kellahin

Enclosure

cc: OXY USA Inc. (Midland) and
By Certified Mail - Return Receipt
All Parties Listed in Application

NOV 2

PROPOSED ADVERTISEMENT

CASE 1168 Application of OXY USA Inc. for approval of an expansion to a waterflood project and to qualify said project for the recovered oil tax rate pursuant to the Enhanced Oil Recovery Act, Lea County, New Mexico. Applicant, in the above styled cause, seeks approval of an Expansion of its Myers Langlie-Mattix Unit Waterflood Project by means of a significant changes in process including the approval of the conversion of 16 producers to injection wells and to reactivate Unit Well No. 134 as an injection well. Applicant further seeks an order pursuant to the Rules and Procedures for Qualification of Enhanced Oil Recovery Projects and Certification for the Recovered Oil Tax Rate, as promulgated by Division Order R-9708, qualifying portions of its Myers Langlie-Mattix Unit Waterflood Project, located in various parts of Section 36, T23S, R36E, and in Sections 31 and 32, T23S, R37E, and in Sections 5 and 6, T24S, R37E. NMPM, Queen formation of the Langlie-Mattix Seven Rivers Queen Grayburg Pool, for the recovered oil tax rate under the "Enhanced Oil Recovery Act" (Law 1992, Chapter 38, Sections 1 through 5). Said project area is located approximately 9 miles north of Jal, New Mexico.

STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT
OIL CONSERVATION DIVISION

IN THE MATTER OF THE APPLICATION OF
OXY USA INC. TO AUTHORIZE THE EXPANSION
OF A PORTION OF ITS MYERS LANGLIE-MATTIX
UNIT WATERFLOOD PROJECT AND TO QUALIFY
SAID EXPANSION FOR THE RECOVERED OIL
TAX RATE PURSUANT TO THE "NEW MEXICO
ENHANCED OIL RECOVERY ACT,"
LEA COUNTY, NEW MEXICO

CASE NO 11168

A P P L I C A T I O N

Comes now OXY USA INC., by its attorneys, Kellahin & Kellahin, and pursuant to the New Mexico "Enhanced Oil Recovery Act" and to Division Rule 701(G) applies to the New Mexico Oil Conservation Division approval of an expansion of its Myers Langlie-Mattix Unit Waterflood Project by means of a significant changes in process including the approval of the conversion of 16 producers to injection wells, to reactivate a plugged injector and an order pursuant to the Rules and Procedures for Qualification of Enhanced Oil Recovery Projects and Certification for the Recovered Oil Tax Rate, as promulgated by Division Order R-9708, qualifying portions of its Myers Langlie-Mattix Unit Waterflood Project, located in various parts of Section 36, T23S, R36E, and in Sections 31 and 32, T23S, R37E, and in Sections 5 and 6, T24S, R37E, NMPM, Queen formation of the Langlie-Mattix Seven Rivers Queen Grayburg Pool, for the recovered oil tax rate under the "Enhanced Oil Recovery Act" (Law 1992, Chapter 38, Sections 1 through 5).

(1) Oxy USA Inc. ("OXY") is the current operator of the Myers Langlie-Mattix Unit ("Unit") which was approved by Division Order R-4660 issued November 16, 1973 and the Myers Langlie-Mattix Unit Waterflood Project ("Existing EOR Project") which was approved by Division Order R-4680 issued effective November 20, 1973.

(2) At the time of unitization approval by the Division on November 16, 1973, the Unit encompassed 9923.68 acres. Waterflood operations were initiated during the 1970s on 80-acre five-spot injection patterns.

(3) Ultimate primary oil recovery from the Unit has been 9,000 MBBL. As of October 31, 1994, total oil production from the Unit was 15,200,000 barrels. Under the proposed 40-acre five-spot patterns, ultimate secondary oil recovery is estimated at 1600 MBBL.

(4) The Unit is currently producing at 613 BOPD and 7032 BWPD from 93 active producers. Only 62 injectors are currently active. Approximately 688 MBBL of reserves remain under the current mode of operations.

(5) OXY seeks to expand a portion of this Unit by means of a significant change in the process used for the displacement of crude oil by a 20-acre infill drilling, reworking, establishment of water injection and initiation of 40-acre, 5-spot patterns for the Unit.

(6) OXY seeks approval to convert 16 producers to injection wells, to utilize plugged injection well (Unit Well No. 134) again for injection for the Waterflood Project and authorization for the necessary changes to convert the waterflood project from 80-acre five spot patterns to 20-acre infill with 40-acre 5-spot patterns.

(7) The estimated amount of recoverable oil attributable to a Positive Production Response from the Expanded Use of enhanced oil recovery technology for a portion of this existing EOR Project is 1,600,000 barrels of additional oil.

NMOCD Application
of OXY USA INC.
Page 3

(8) In accordance with Division Order R-9708, the following is submitted:

a. Operator's name and address:

OXY USA INC.
P. O. Box 50250
Midland, Texas 79710

b. Description of the Expanded Use area:

(1) Plat outlining Expanded Use area:

See Exhibit "A"

(2) Description of the Expanded Use Area:

T23S, R36E NMPM

Sec. 36: SE/4SE/4NE/4
NE/4NE/4SE/4

T23S, R37E, NMPM

Sec. 31: S/2S/2NW/4
SW/4SW/4NE/4
E/2SW/4
E/2W/2SW/4
NW/4NW/4SW/4
S/2SE/4
S/2N/2SE/4
NW/4NW/4SE/4

Sec. 32: S/2NW/4SW/4
SW/4NE/4SW/4
W/2SE/4SW/4
SW/4SW/4

T24S, R37E, NMPM

Sec 5: W/2NW/4
W2/2E/2NW/4
NW/4SW/4
W/2NE/4SW/4
N/2SW/4SW/4
NW/4SE/4SW/4

Sec 6: NE/4NW/4NW/4
N/2NE/4NW/4
N/2N/2NE/4
SE/4NE/4NE/4
E/2SE/4NE/4
E/2NE/4SE/4
NE/4SE/4SE/4

(3) Total acres in Expanded Use Area:

760 acres, more or less

(4) Name of the subject Pool and formation:

Queen formation of the
Langlie-Mattix Seven Rivers
Queen Grayburg Pool

c. Status of operations in the project area:

(1) unit name:

Myers Langlie-Mattix Unit
Order R-4660 issued November 16, 1973

(2) N/A

(3) N/A

d. Method of recovery to be used:

- (1) injected fluids: water
- (2) Approved by Order R-4680
issued November 20, 1973
- (3) N/A

e. Description of the Expanded Use Area:

- (1) a list of producing wells:
See Exhibit "B"
- (2) a list of injection wells:
See Exhibit "B" and "C"

(3) Capital cost of additional facilities:

Drill & Equip 18 producers: \$3,660,000
Convert 17 producers to injec: 690,000
Upgrade Battery/injec.facil: 750,000

(4) Total Project Costs:

\$5,100,000.

(5) Estimated total value of the additional
production that will be recovered as a
result of this Expanded Use Area:

An additional 1,600,000 barrels of oil
with a current undiscounted value
of \$ 14.8 million dollars

(6) Anticipated date of commencement of
injection:

as soon as possible after
OCD approval, if granted.

(7) the type of fluid to be injected and the anticipated volumes:

water injected at an estimated
rate of 300 BWPD

(8) Explanation of changes in technology:

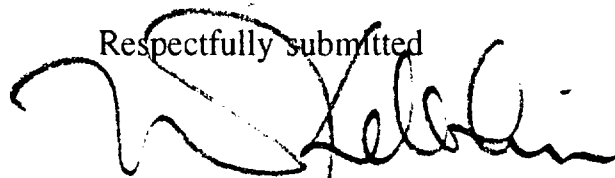
OXY proposes to utilize changes in technology
and the process to be used for displacement of
oil as approved by Division Order R-9955-A,
issued April 29, 1994, for the OXY USA Inc.'s
Skelly Penrose "B" Unit Waterflood Project

f. Production data:

See attached graphs marked as Exhibits "D"
"E" and "F" to show the production history and
production forecast of oil, gas, casinghead gas
and water from the project area.

Wherefore, Applicant requests that this application be set for hearing
and that after said hearing, the Division enter its order approving this
application.

Respectfully submitted

A handwritten signature in black ink, appearing to read 'W. Thomas Kellahin', written over the typed name and address.

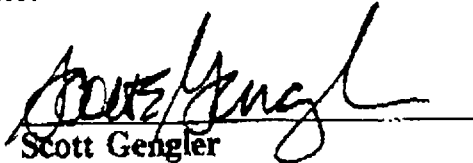
W. Thomas Kellahin
KELLAHIN & KELLAHIN
P.O. Box 2265
Santa Fe, New Mexico 87504
(505) 982-4285

NMOCD Application
of OXY USA INC.
Page

CERTIFICATION

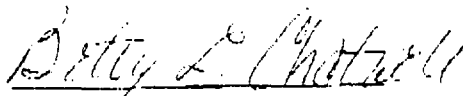
STATE OF TEXAS)
) SS.
COUNTY OF MIDLAND)

I, Scott Gengler, having been first duly sworn, state that I am a petroleum engineer, a duly authorized representative of OXY USA Inc, have knowledge of the facts herein and therefor certify that the facts set forth in this Application are true and accurate to the best of my own knowledge and belief.


Scott Gengler

STATE OF TEXAS)
) SS.
COUNTY OF MIDLAND)

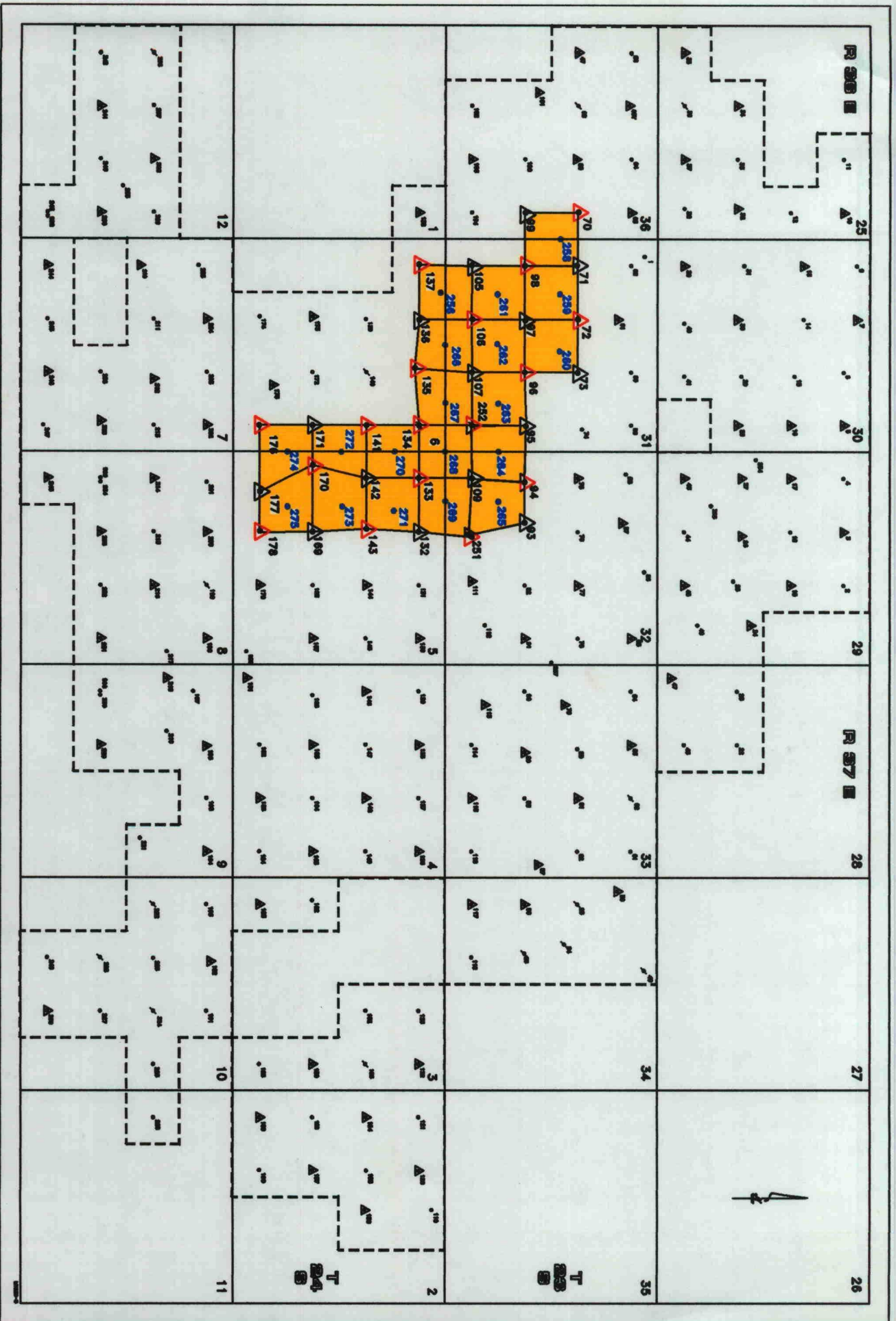
The foregoing certificate was signed and acknowledged before me on this 22nd day of November, 1994, by Scott Gengler.


Notary Public

My Commission Expires:

11-15-97





PROPOSED
WATER MAINLINE
PLUMBING & SANITARIUM

CONVERT TO INJECTION
DRAIN & SOUP, PROPOSER
PROJECT AREA

TABULAR
EXHIBIT
A

MYERS LANGLIE MATTIX QUEEN UNIT
San Diego, New Mexico
1994 DEVELOPMENT PLANS

Scale

Scale: 1" = 100'

**Myers Langlie Mattix Unit
Current Status**

EXHIBIT

B

Well	Location	Status
Myers Langlie Mattix Unit #70	1980' FNL & 660' FEL, Sec 36, T23S, R36E	Inactive Producer
Myers Langlie Mattix Unit #71	1980' FNL & 660' FWL, Sec 31, T23S, R37E	Active Injector
Myers Langlie Mattix Unit #72	1980' FNL & 1980' FWL, Sec 31, T23S, R37E	Inactive Producer
Myers Langlie Mattix Unit #73	1980' FNL & 1980' FEL, Sec 31, T23S, R37E	Active Injector
Myers Langlie Mattix Unit #93	1980' FSL & 1750' FWL, Sec 32, T23S, R37E	Active Injector
Myers Langlie Mattix Unit #94	1980' FSL & 760' FWL, Sec 32, T23S, R37E	Inactive Producer
Myers Langlie Mattix Unit #95	1980' FSL & 660' FEL, Sec 31, T23S, R37E	Active Injector
Myers Langlie Mattix Unit #96	1979' FSL & 1980' FEL, Sec 31, T23S, R37E	Active Producer
Myers Langlie Mattix Unit #97	1980' FSL & 1980' FWL, Sec 31, T23S, R37E	Inactive Injector
Myers Langlie Mattix Unit #98	1980' FSL & 660' FWL, Sec 31, T23S, R37E	Active Producer
Myers Langlie Mattix Unit #99	1980' FSL & 660' FEL, Sec 36, T23S, R36E	Inactive Injector
Myers Langlie Mattix Unit #105	660' FSL & 660' FWL, Sec 31, T23S, R37E	Active Injector
Myers Langlie Mattix Unit #106	660' FSL & 1936' FWL, Sec 31, T23S, R37E	Active Producer
Myers Langlie Mattix Unit #107	660' FSL & 1980' FEL, Sec 31, T23S, R37E	Active Injector
Myers Langlie Mattix Unit #109	660' FSL & 660' FWL, Sec 32, T23S, R37E	Active Injector
Myers Langlie Mattix Unit #132	660' FNL & 1980' FWL, Sec 5, T24S, R37E	Active Injector
Myers Langlie Mattix Unit #133	660' FNL & 660' FWL, Sec 5, T24S, R37E	Active Producer
Myers Langlie Mattix Unit #134	660' FNL & 660' FEL, Sec 6, T24S, R37E	Inactive
Myers Langlie Mattix Unit #135	760' FNL & 2080' FEL, Sec 6, T24S, R37E	Active Producer
Myers Langlie Mattix Unit #136	660' FNL & 1980' FWL, Sec 6, T24S, R37E	Active Injector
Myers Langlie Mattix Unit #137	660' FNL & 626' FWL, Sec 6, T24S, R37E	Active Producer
Myers Langlie Mattix Unit #141	1962' FNL & 660' FEL, Sec 6, T24S, R37E	Active Producer
Myers Langlie Mattix Unit #142	1962' FNL & 660' FWL, Sec 5, T24S, R37E	Active Injector
Myers Langlie Mattix Unit #143	1960' FNL & 1905' FWL, Sec 5, T24S, R37E	Active Producer
Myers Langlie Mattix Unit #169	1980' FSL & 1980' FWL, Sec 5, T24S, R37E	Active Injector
Myers Langlie Mattix Unit #170	1980' FSL & 330' FWL, Sec 5, T24S, R37E	Active Producer
Myers Langlie Mattix Unit #171	1980' FSL & 660' FEL, Sec 6, T24S, R37E	Active Injector
Myers Langlie Mattix Unit #176	660' FSL & 660' FEL, Sec 6, T24S, R37E	Active Producer
Myers Langlie Mattix Unit #177	660' FSL & 990' FWL, Sec 5, T24S, R37E	Active Injector
Myers Langlie Mattix Unit #178	660' FSL & 1980' FWL, Sec 5, T24S, R37E	Active Producer
Myers Langlie Mattix Unit #251	660' FSL & 2096' FWL, Sec 32, T23S, R37E	Active Producer
Myers Langlie Mattix Unit #252	685' FSL & 660' FEL, Sec 31, T23S, R37E	Active Producer
Myers Langlie Mattix Unit #256	105' FNL & 1310' FWL, Sec 6, T24S, R37E	Active Producer
Myers Langlie Mattix Unit #258	2560' FSL & 120' FWL, Sec 31, T23S, R37E	Active Producer
Myers Langlie Mattix Unit #259	2620' FNL & 1340' FWL, Sec 31, T23S, R37E	Active Producer
Myers Langlie Mattix Unit #260	2535' FSL & 2563' FWL, Sec 31, T23S, R37E	Active Producer
Myers Langlie Mattix Unit #261	1340' FSL & 1300' FWL, Sec 31, T23S, R37E	Active Producer
Myers Langlie Mattix Unit #262	1350' FSL & 2380' FWL, Sec 31, T23S, R37E	Active Producer
Myers Langlie Mattix Unit #263	1398' FSL & 1564' FEL, Sec 31, T23S, R37E	Active Producer
Myers Langlie Mattix Unit #264	1400' FSL & 160' FWL, Sec 32, T23S, R37E	Active Producer
Myers Langlie Mattix Unit #265	1460' FSL & 1340' FWL, Sec 32, T23S, R37E	Active Producer
Myers Langlie Mattix Unit #266	100' FNL & 2556' FWL, Sec 6, T24S, R37E	Active Producer
Myers Langlie Mattix Unit #267	190' FNL & 1460' FEL, Sec 6, T24S, R37E	Active Producer
Myers Langlie Mattix Unit #268	139' FNL & 372' FEL, Sec 6, T24S, R37E	Active Producer
Myers Langlie Mattix Unit #269	238' FNL & 1274' FWL, Sec 5, T24S, R37E	Active Producer
Myers Langlie Mattix Unit #270	1410' FNL & 90' FEL, Sec 6, T24S, R37E	Active Producer
Myers Langlie Mattix Unit #271	1340' FNL & 1030' FWL, Sec 5, T24S, R37E	Active Producer
Myers Langlie Mattix Unit #272	2620' FNL & 90' FEL, Sec 6, T24S, R37E	Active Producer
Myers Langlie Mattix Unit #273	2533' FNL & 1350' FWL, Sec 5, T24S, R37E	Active Producer
Myers Langlie Mattix Unit #274	1300' FSL & 120' FWL, Sec 5, T24S, R37E	Active Producer
Myers Langlie Mattix Unit #275	1340' FSL & 1340' FWL, Sec 5, T24S, R37E	Active Producer

Myers Langlie Mattix Unit
Proposed Status

<u>Well</u>	<u>Location</u>	<u>Status</u>
Myers Langlie Mattix Unit #70	1980' FNL & 660' FEL, Sec 36, T23S, R36E	Injector
Myers Langlie Mattix Unit #71	1980' FNL & 660' FWL, Sec 31, T23S, R37E	Injector
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Myers Langlie Mattix Unit #260	2535' FSL & 2563' FWL, Sec 31, T23S, R37E	Producer
Myers Langlie Mattix Unit #261	1340' FSL & 1300' FWL, Sec 31, T23S, R37E	Producer
Myers Langlie Mattix Unit #262	1350' FSL & 2380' FWL, Sec 31, T23S, R37E	Producer
Myers Langlie Mattix Unit #263	1398' FSL & 1564' FEL, Sec 31, T23S, R37E	Producer
Myers Langlie Mattix Unit #264	1400' FSL & 160' FWL, Sec 32, T23S, R37E	Producer
Myers Langlie Mattix Unit #265	1460' FSL & 1340' FWL, Sec 32, T23S, R37E	Producer
Myers Langlie Mattix Unit #266	100' FNL & 2556' FWL, Sec 6, T24S, R37E	Producer
Myers Langlie Mattix Unit #267	190' FNL & 1460' FEL, Sec 6, T24S, R37E	Producer
Myers Langlie Mattix Unit #268	139' FNL & 372' FEL, Sec 6, T24S, R37E	Producer
Myers Langlie Mattix Unit #269	238' FNL & 1274' FWL, Sec 5, T24S, R37E	Producer
Myers Langlie Mattix Unit #270	1410' FNL & 90' FEL, Sec 6, T24S, R37E	Producer
Myers Langlie Mattix Unit #271	1340' FNL & 1030' FWL, Sec 5, T24S, R37E	Producer
Myers Langlie Mattix Unit #272	2620' FNL & 90' FEL, Sec 6, T24S, R37E	Producer
Myers Langlie Mattix Unit #273	2533' FNL & 1350' FWL, Sec 5, T24S, R37E	Producer
Myers Langlie Mattix Unit #274	1300' FSL & 120' FWL, Sec 5, T24S, R37E	Producer
Myers Langlie Mattix Unit #275	1340' FSL & 1340' FWL, Sec 5, T24S, R37E	Producer

INJECTION WELL DATA SHEET

OXY USA Inc.

Myers Langlie Mattix Unit # 70

1980' FNL & 660' FEL, Sec 36, T-23-S, R-36-E
Lea County, New Mexico

INJECTION WELL DATA SHEET

OXY USA Inc.

Myers Langlie Mattix Unit # 72

1980' FNL & 1980' FWL, Sec 31, T-23-S, R-37-E
Lea County, New Mexico

INJECTION WELL DATA SHEET

OXY USA Inc.

Myers Langlie Mattix Unit # 94

1980' FSL & 760' FWL, Sec 31, T-23-S, R-37-E
Lea County, New Mexico

INJECTION WELL DATA SHEET

OXY USA Inc.

Myers Langlie Mattix Unit # 96

1979' FSL & 1980' FEL, Sec 31, T-23-S, R-37-E
Lea County, New Mexico

INJECTION WELL DATA SHEET

OXY USA Inc.

Myers Langlie Mattix Unit # 98

1980' FSL & 660' FWL, Sec 31, T-23-S, R-37-E
Lea County, New Mexico

INJECTION WELL DATA SHEET

OXY USA Inc.

Myers Langlie Mattix Unit # 106

660' FSL & 1936' FWL, Sec 31, T-23-S, R-37-E
Lea County, New Mexico

INJECTION WELL DATA SHEET

OXY USA Inc.

Myers Langlie Mattix Unit # 133

660' FNL & 660' FWL, Sec 5, T-24-S, R-37-E
Lea County, New Mexico

INJECTION WELL DATA SHEET

OXY USA Inc.

Myers Langlie Mattix Unit # 134

660' FNL & 660' FEL, Sec 6, T-24-S, R-37-E
Lea County, New Mexico

INJECTION WELL DATA SHEET

OXY USA Inc.

Myers Langlie Mattix Unit # 135

760' FNL & 2080' FEL, Sec 6, T-24-S, R-37-E
Lea County, New Mexico

INJECTION WELL DATA SHEET

OXY USA Inc.

Myers Langlie Mattix Unit # 137

660' FNL & 626' FWL, Sec 6, T-24-S, R-37-E
Lea County, New Mexico

INJECTION WELL DATA SHEET

OXY USA Inc.

Myers Langlie Mattix Unit # 141

1961.5' FNL & 660' FEL, Sec 6, T-24-S, R-37-E
Lea County, New Mexico

INJECTION WELL DATA SHEET

OXY USA Inc.

Myers Langlie Mattix Unit # 143

1959.54' FNL & 1905' FWL, Sec 5, T-24-S, R-37-E
Lea County, New Mexico

INJECTION WELL DATA SHEET

OXY USA Inc.

Myers Langlie Mattix Unit # 170

1980' FSL & 330' FWL, Sec 5, T-24-S, R-37-E
Lea County, New Mexico

INJECTION WELL DATA SHEET

OXY USA Inc.

Myers Langlie Mattix Unit # 176

660' FSL & 660' FEL, Sec 6, T-24-S, R-37-E
Lea County, New Mexico

INJECTION WELL DATA SHEET

OXY USA Inc.

Myers Langlie Mattix Unit # 178

660' FSL & 1980' FWL, Sec 5, T-24-S, R-37-E
Lea County, New Mexico

INJECTION WELL DATA SHEET

OXY USA Inc.

Myers Langlie Mattix Unit # 251

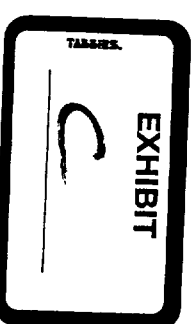
660' FSL & 2096' FWL, Sec 32, T-23-S, R-37-E
Lea County, New Mexico

INJECTION WELL DATA SHEET

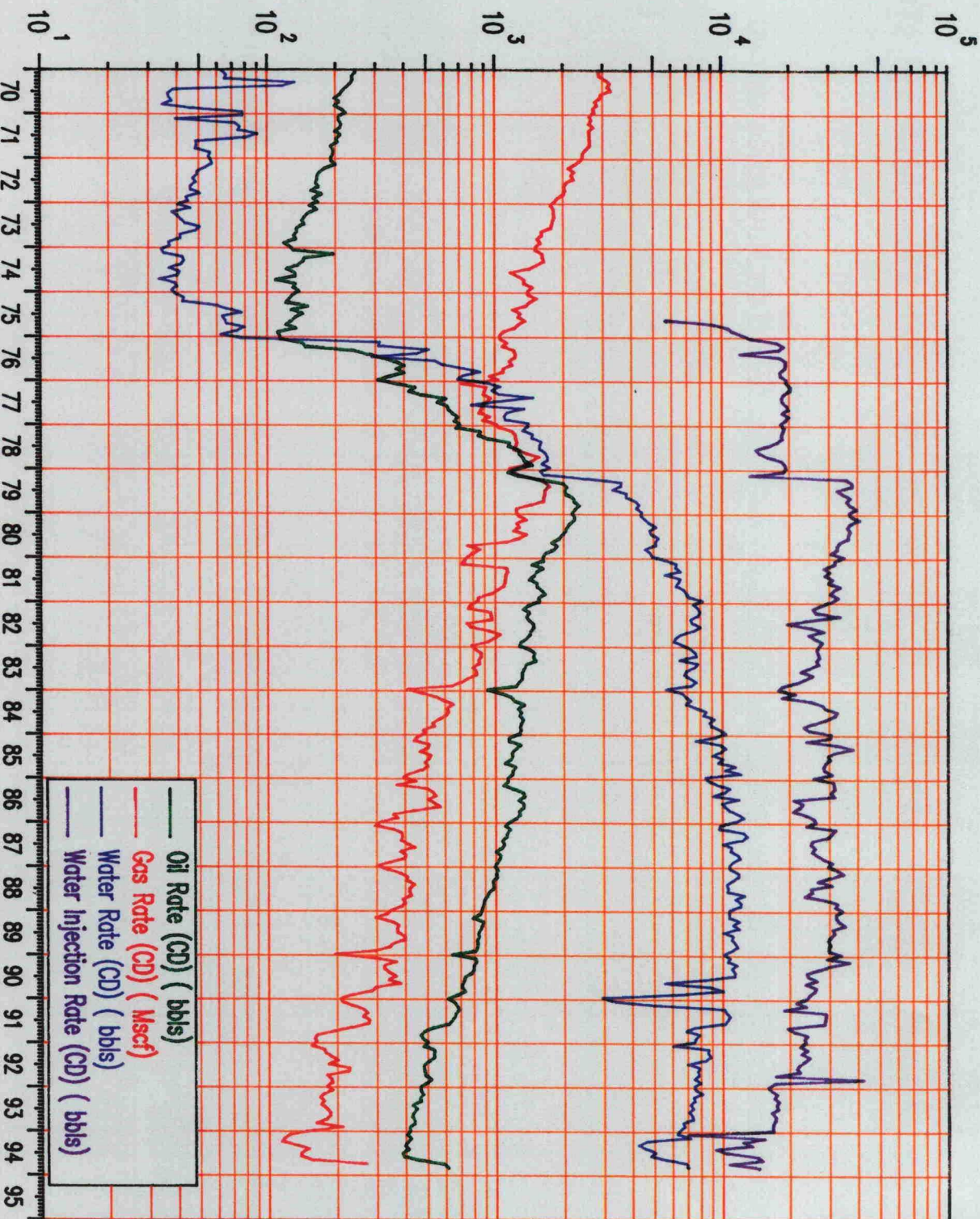
OXY USA Inc.

Myers Langlie Mattix Unit # 252

685' FSL & 660' FEL, Sec 32, T-23-S, R-37-E
Lea County, New Mexico



MYERS LANGLEY MATTIX UNIT

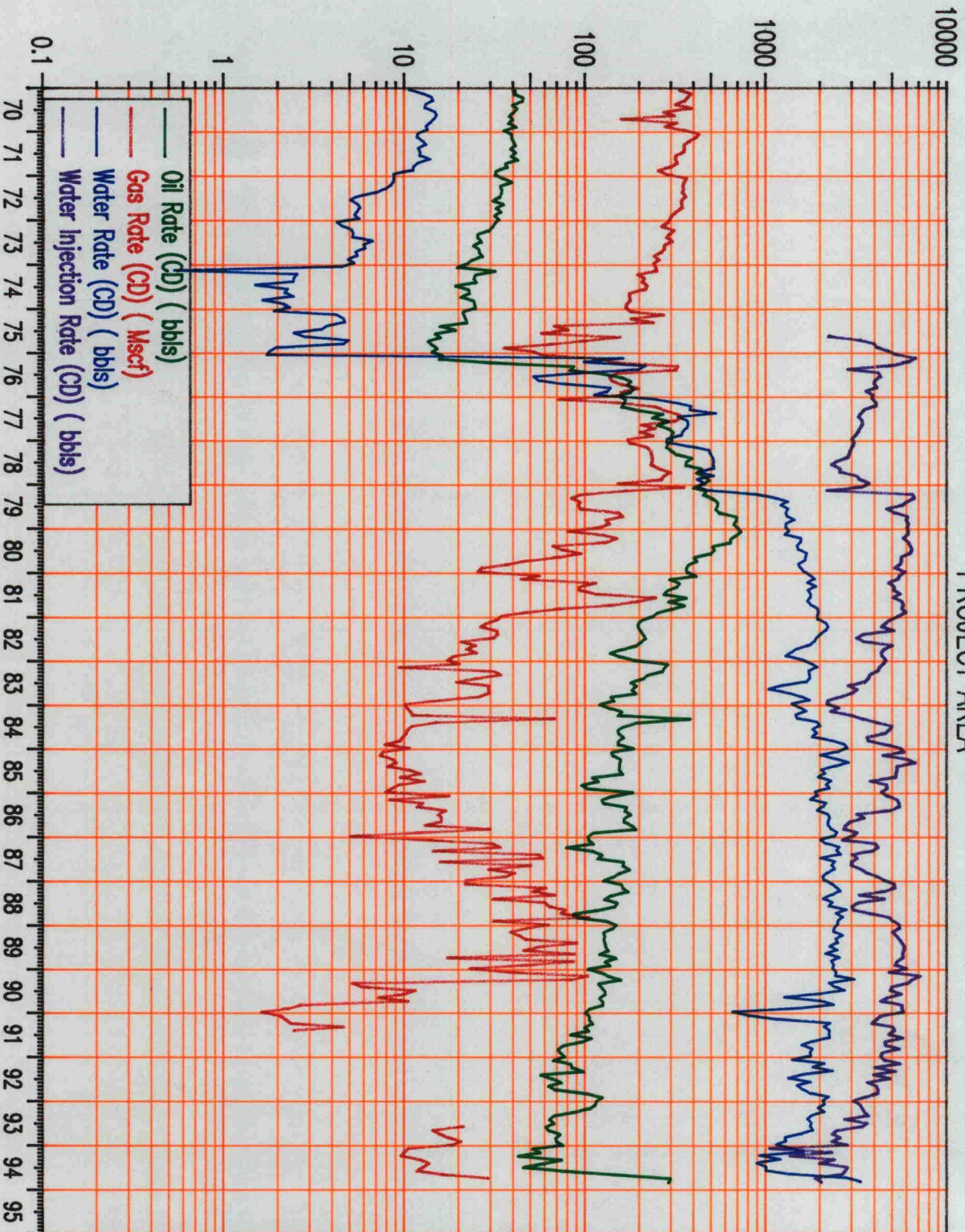
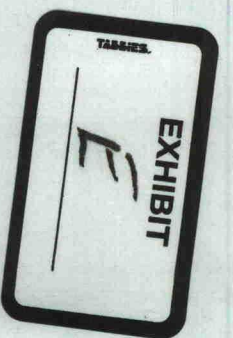


TABBER.

EXHIBIT

D

MYERS LANGLEIE MATTIX UNIT
PROJECT AREA



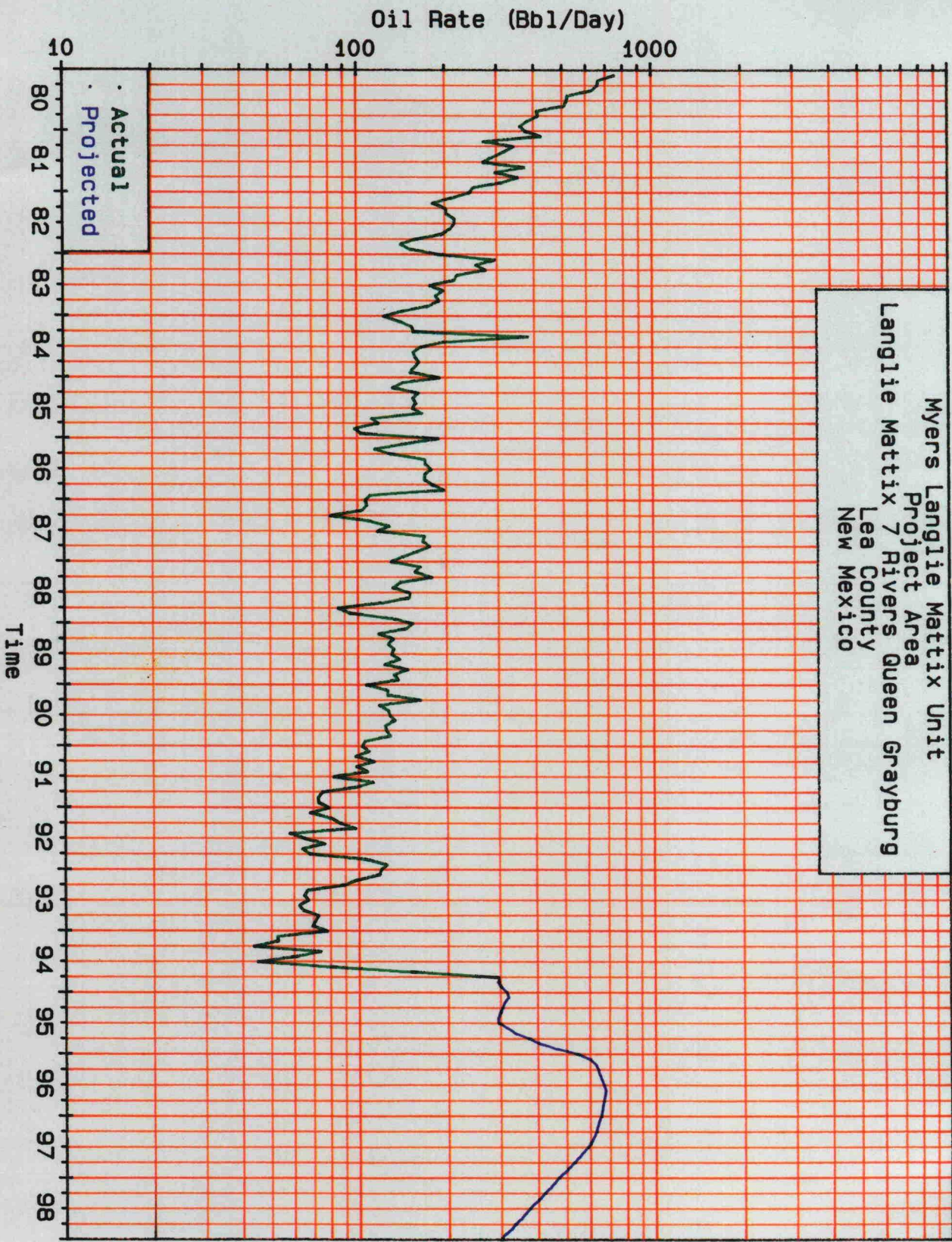


EXHIBIT
F

LARGE FORMAT
EXHIBIT HAS
BEEN REMOVED
AND IS LOCATED
IN THE NEXT FILE