



NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

GARY E. JOHNSON

Governor

Jennifer A. Salisbury

Cabinet Secretary

Lori Wrotenbery

Director

Oil Conservation Division

March 5, 2001

ADMINISTRATIVE ORDER IPI-149-0

WISER OIL CO (THE)
8115 PRESTON RD
STE 400
DALLAS, TX 75225-

Attention: Matt Eagleston

RE: Injection Pressure Increase

You are therefore authorized to increase the surface injection pressure on the following wells:

API Well No	Well Name and Number	ULSTR	Authorized Pressure (PSIG)
30-025-32044-00-00	CAPROCK MALJAMAR UNIT - 20	H-20-17S-33E	2970
30-025-01450-00-00	CAPROCK MALJAMAR UNIT - 30	N-17-17S-33E	2970
30-025-00666-00-00	CAPROCK MALJAMAR UNIT - 48	G-24-17S-32E	3090
30-025-00662-00-00	CAPROCK MALJAMAR UNIT - 49	H-24-17S-32E	3090
30-025-01479-00-00	CAPROCK MALJAMAR UNIT - 39	B-19-17S-33E	2980
30-025-01480-00-00	CAPROCK MALJAMAR UNIT - 52	G-19-17S-33E	2980
30-025-01499-00-00	CAPROCK MALJAMAR UNIT - 42	C-20-17S-33E	2855
30-025-01500-00-00	CAPROCK MALJAMAR UNIT - 55	F-20-17S-33E	2855
30-025-01490-00-00	CAPROCK MALJAMAR UNIT - 70	J-20-17S-33E	2675
30-025-01492-00-00	CAPROCK MALJAMAR UNIT - 71	I-20-17S-33E	2675
30-025-01504-00-00	CAPROCK MALJAMAR UNIT - 44	A-20-17S-33E	2965
30-025-01511-00-00	CAPROCK MALJAMAR UNIT - 45	D-21-17S-33E	2965
30-025-01530-00-00	CAPROCK MALJAMAR UNIT - 91	F-28-17S-33E	2930
30-025-01531-00-00	CAPROCK MALJAMAR UNIT - 94	K-28-17S-33E	2930
30-025-01475-00-00	CAPROCK MALJAMAR UNIT - 80	P-19-17S-33E	3240
30-025-00664-00-00	CAPROCK MALJAMAR UNIT - 36	A-24-17S-32E	3090
30-025-01455-00-00	CAPROCK MALJAMAR UNIT - 19	L-17-17S-33E	2970
30-025-01485-00-00	CAPROCK MALJAMAR UNIT - 38	C-19-17S-33E	2980
30-025-01505-00-00	CAPROCK MALJAMAR UNIT - 54	E-20-17S-33E	2855
30-025-01506-00-00	CAPROCK MALJAMAR UNIT - 56	G-20-17S-33E	2675
30-025-01509-00-00	CAPROCK MALJAMAR UNIT - 58	E-21-17S-33E	2965
30-025-01526-00-00	CAPROCK MALJAMAR UNIT - 93	L-28-17S-33E	2930

30-025-33621-00-00

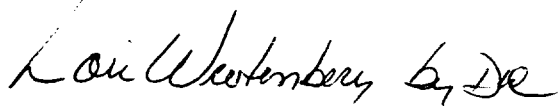
CAPROCK MALJAMAR UNIT - 263

M-20-17S-33E

3240

The Division Director may rescind these injection pressure increases if it becomes apparent that the injected water is not being confined to the injection zone or is endangering any fresh water aquifers.

Sincerely,

A handwritten signature in cursive script, appearing to read "Lori Wrotenbery by DR".

Lori Wrotenbery,
Director

LW/DRC

cc: Oil Conservation Division - Hobbs

Case File 10932, WFX-666, WFX-696, WFX-698, WFX-694

INJECTION WELL DATA SHEET

OPERATOR

The Wiser Oil Co.

LEASE Majamar Grayburg Unit

WELL NO.

#10

660' FSL, 660' FWL, Unit M

3

17S

32E

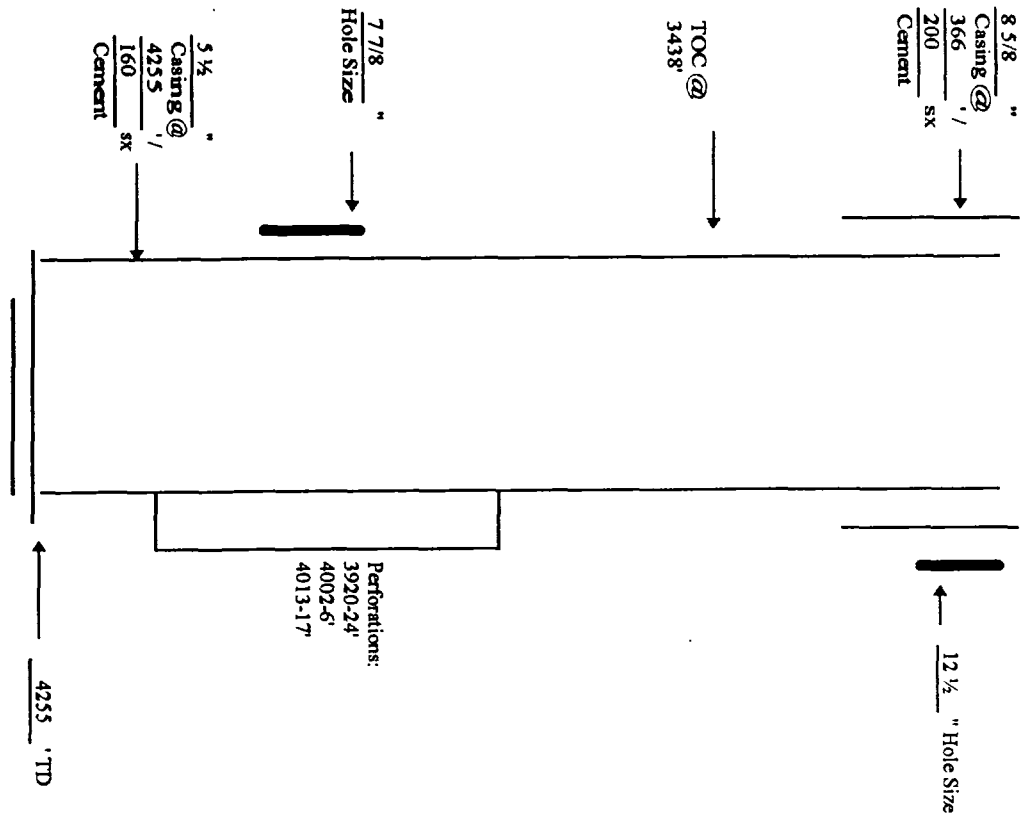
FOOTAGE LOCATION

SECTION

TOWNSHIP

RANGE

Schematic



Well Construction Data

- Surface Casing** Set @ 366'
- Size 8 5/8" Cemented with 200 sx.
- TOC Surface feet determined by "
- Hole Size 12 1/2"
- Intermediate Casing**
- Size " Cemented with " feet determined by " sx.
- TOC " feet determined by "
- Hole Size "
- Long String** Set @ 4255'
- Size 5 1/2" Cemented with 160 sx.
- TOC 3438 feet determined by Calculation
- Hole Size 7 7/8"
- Total Depth 4255
- Injection Interval feet to feet
- (perforated or open-hole; indicate which)
- Tubing Size 2 3/8" lined with (type of internal coating) set in a
- Other type of tubing / casing seal if applicable packer at 3900 feet
- Other Data**
1. Is this a new well drilled for injection? Yes X No
- If no, for what purpose was the well originally drilled?
- Oil Production**
- The Wiser Oil Company plans to convert this well to WTW
2. Name of the injection formation Grayburn-San Andres Vacuum
3. Name of Field or Pool (if applicable) Majamar Grayburg San Andres
4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e., sacks of cement or plug(s) used 3920-24', 4002-17'
5. Give the names and depths of any over or underlying oil or gas zones (pools) in this area.

INJECTION WELL DATA SHEET

OPERATOR The Wiser Oil Co.

LEASE Maljamar Grayburg Unit

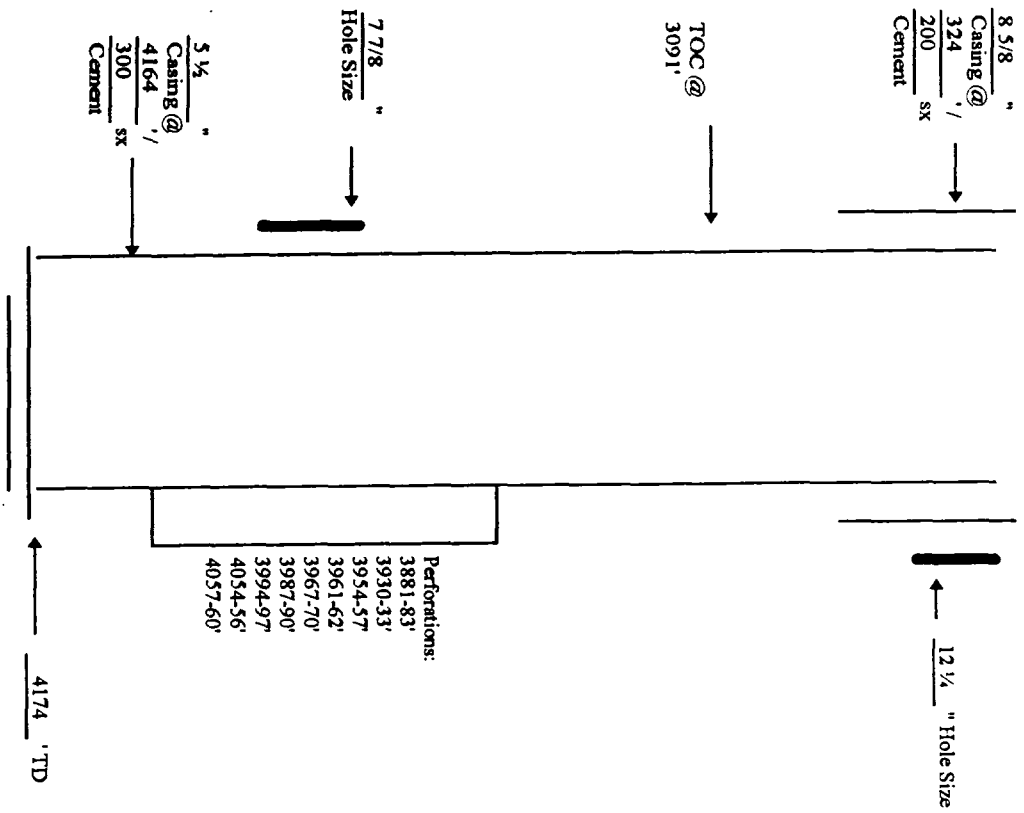
WELL NO. #15

1980' FNL, 660' FWL, Unit E

FOOTAGE LOCATION

SECTION 4 TOWNSHIP 17S RANGE 32E

Schematic



Well Construction Data

Surface Casing Size 8 5/8 " Set @ 324' Cemented with 200 sx.

TOC Surface feet determined by 200 "

Hole Size 12 1/4 "

Intermediate Casing Size " Cemented with " feet determined by " sx.

TOC " feet determined by " "

Hole Size " "

Long String Size 5 1/2 " Set @ 4164' Cemented with 300 sx.

TOC 3091 feet determined by 300 "

Hole Size 7 7/8 "

Total Depth 4174 "

Injection Interval feet to feet

(perforated or open-hole; indicate which) lined with 2" (type of internal coating) set in a packer at 3964 feet

Other type of tubing / casing seal if applicable "

Other Data

1. Is this a new well drilled for injection? Yes X No "

If no, for what purpose was the well originally drilled? "

Oil Production

The Wiser Oil Company plans to convert this well to WTW

2. Name of the injection formation Grayburg-San Andres Vacuum

3. Name of Field or Pool (if applicable) Maljamar Grayburg San Andres

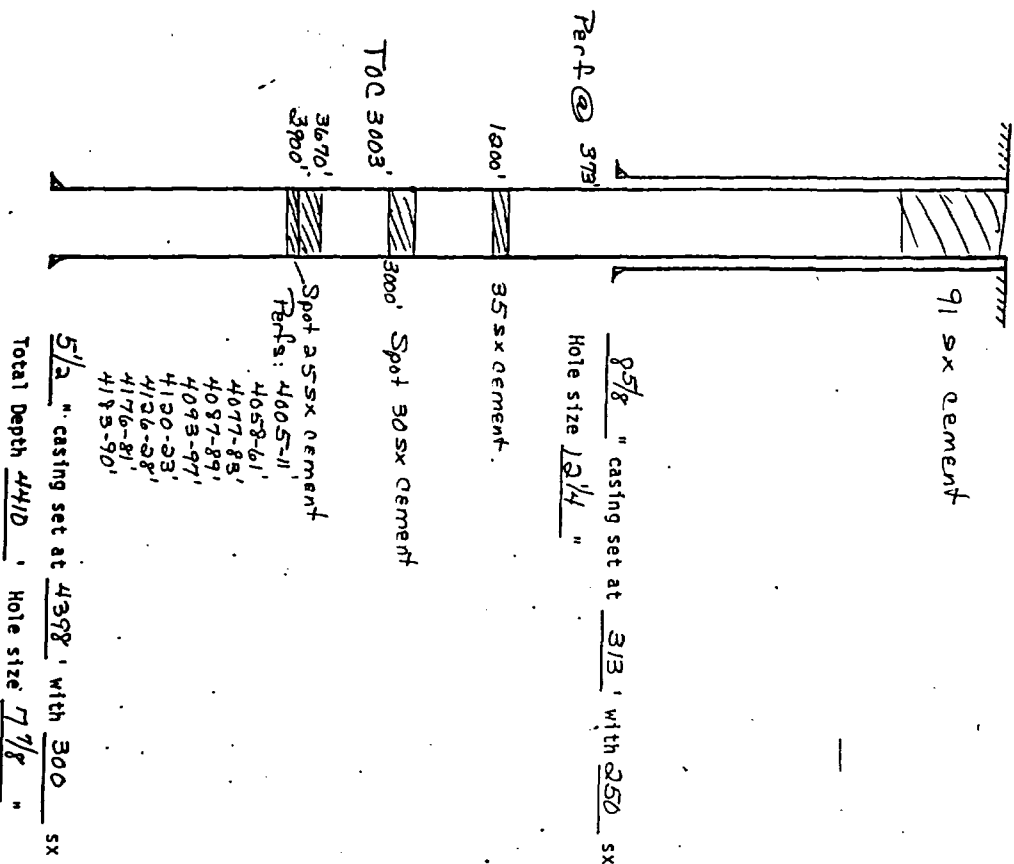
4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e., sacks of cement or plug(s) used 3881-83', 3930-97', 4054-60'

5. Give the names and depths of any over or underlying oil or gas zones (pools) in this area. "

INJECTION WELL DATA SHEET

OPERATOR The Wiset Oil Co. LEASE Majlamar Grayburg Unit
 WELL NO. #18 1980 FNL, 660' FEL, Unit H 4 17S 32E
 FOOTAGE LOCATION SECTION TOWNSHIP RANGE

Schematic



Well Construction Data

- Surface Casing Set @ 313'
- Size 8 5/8" Cemented with 250 sx.
- TOC Surface feet determined by "
- Hole Size 12 1/4"
- Intermediate Casing
- Size " Cemented with "
- TOC feet determined by "
- Hole Size " "
- Long String Set @ 4398'
- Size 5 1/2" Cemented with 300 sx.
- TOC 3003 feet determined by Calculation
- Hole Size 7 7/8"
- Total Depth 4410'
- Injection Interval feet to feet
- (perforated or open-hole; indicate which)
- Tubing Size 2 3/8" lined with (type of internal coating) set in a packer at 4228 feet
- Other type of tubing / casing seal if applicable
- Other Data
1. Is this a new well drilled for injection? Yes ☒ No ☐
 If no, for what purpose was the well originally drilled?
Oil Production - Converted to WTW 8-27-68 - P&A 9-18-75
 2. Wiser plans to re-enter this well and complete as WTW
 3. Name of the Injection formation Grayburg-San Andres Vacuum
 4. Name of Field or Pool (if applicable) Majlamar Grayburg San Andres
 Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e., sacks of cement or plug(s) used 4005-97', 4120-90'
 5. Give the names and depths of any over or underlying oil or gas zones (pools) in this area.

INJECTION WELL DATA SHEET

OPERATOR

The Wiser Oil Co.

LEASE Maljamar Grayburg Unit

WELL NO.

#19

1980' FSL, 660' FEL, Unit I

4

17S

32E

FOOTAGE LOCATION

SECTION

TOWNSHIP

RANGE

Schematic

Well Construction Data

Surface Casing

Size 8 5/8 " Set @ 302'
Cemented with 200 sx.

TOC Surface feet determined by 200 sx.

Hole Size Unknown " "

Intermediate Casing Size Unknown " "

TOC Unknown " Cemented with Unknown sx.

Hole Size Unknown " "

Long String Size 5 1/2 " Set @ 4100'
Cemented with 400 sx.

TOC 2057 feet determined by Calculation

Hole Size Unknown/Estimated to be 7 7/8 " "

Total Depth 4100 ' "

Injection Interval Unknown feet to 4100 feet

(perforated or open-hole; indicate which) Unknown feet

Tubing Size 2 3/8" lined with Unknown (Type of internal coating) set in a

Other type of tubing / casing seal if applicable Unknown packer at 3950 feet

Other Data Unknown

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

If no, for what purpose was the well originally drilled? Unknown

Oil Production Unknown

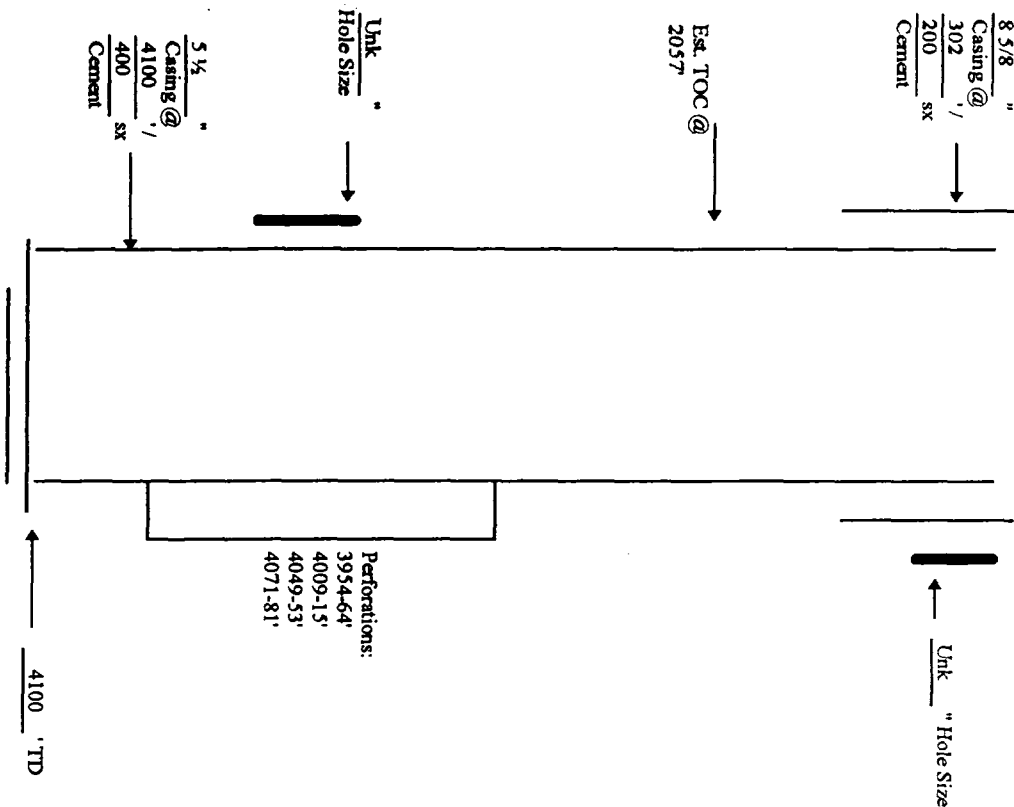
The Wiser Oil Company plans to convert this well to WIW

Name of the Injection formation Grayburg-San Andres Vacuum

Name of Field or Pool (if applicable) Maljamar Grayburg San Andres

Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e., sacks of cement or plug(s) used 3954-64', 4009-15', 4049-53', 4071-81'

Give the names and depths of any over or underlying oil or gas zones (pools) in this area. Unknown



INJECTION WELL DATA SHEET

OPERATOR The Wiser Oil Co. LEASE Majiamar Grayburg Unit
WELL NO. #23 FOOTAGE LOCATION 2310' FSL, 330' FWL, Unit L SECTION 4 TOWNSHIP 17S RANGE 32E

Schematic

Well Construction Data

Surface Casing Set @ 297' Cemented with 200 sx.
Size 8 5/8" TOC Surface feet determined by "
Hole Size 11" Intermediate Casing
Size " Cemented with " SX.
TOC feet determined by "
Hole Size " Long String Set @ 4024' Cemented with 350 sx.
Size 5 1/2" TOC 2236 feet determined by Calculation
Hole Size 7 7/8" Total Depth 4118'
Injection Interval feet to feet
(perforated or open-hole; indicate which) lined with (type of internal coating) set in a
Tubing Size 2 3/8" packer at 3868 feet
Other type of tubing / casing seal if applicable
Other Data
1. Is this a new well drilled for injection? Yes ☒ No ☐
If no, for what purpose was the well originally drilled?
Oil Production
2. The Wiser Oil Company plans to convert this well to WTW
3. Name of the Injection formation Grayburg-San Andres Vacuum
4. Name of Field or Pool (if applicable) Majiamar Grayburg San Andres
Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e., sacks of cement or plug(s) used 3848-58', 3906-57'
5. Give the names and depths of any over or underlying oil or gas zones (pools) in this area. 4118' TD

Perforations:
3848-58'
3906-10'
3916-20'
3930-34'
3970-80'
3947-57'

5 1/2" Casing @ 4024' / 350 8X Cement

TOC @ 2236'

8 5/8" Casing @ 297' / 200 8X Cement

11" Hole Size

4118' TD

INJECTION WELL DATA SHEET

OPERATOR The Wiser Oil Co. LEASE Malljamar Grayburg Unit
 WELL NO. #25 660' FSL, 990' FWL, Unit M SECTION 4 TOWNSHIP 17S RANGE 32E
 FOOTAGE LOCATION

Schematic

Well Construction Data

Surface Casing Set @ 292' Size 8 5/8 " Cemented with 200 sx.
 TOC Surface feet determined by "
 Hole Size 12 1/2 "
 Intermediate Casing Size " Cemented with " feet determined by " sx.
 TOC " feet determined by "
 Hole Size "
 Long String Set @ 4015' Size 5 1/2 " Cemented with 400 sx.
 TOC 1972 feet determined by Calculation
 Hole Size 7 7/8 "
 Total Depth 4015 '
 Injection Interval " feet to " feet
 (perforated or open-hole; indicate which) " feet
 Tubing Size 2 3/8" lined with " (type of internal coating) set in a packer at 3846 feet
 Other type of tubing / casing seal if applicable "
 Other Data
 1. Is this a new well drilled for injection? Yes X No "
 If no, for what purpose was the well originally drilled? "
 Oil Production
 The Wiser Oil Company plans to convert this well to WTW
 2. Name of the Injection formation Grayburn-San Andres Vacuum
 3. Name of Field or Pool (if applicable) Malljamar Grayburg San Andres
 4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e., sacks of cement or plug(s) used 3844-74', 3898-3966'
 5. Give the names and depths of any over or underlying oil or gas zones (pools) in this area. "

7 7/8 " Hole Size
 Perforations:
 3844-50'
 3864-74'
 3898-3902'
 3936-40'
 3944-48'
 3956-66'

5 1/2 " Casing @ 4015 ' / 400 sx Cement

TOC @ 1972'

8 5/8 " Casing @ 292 ' / 200 sx Cement

4015 ' TD

INJECTION WELL DATA SHEET

OPERATOR The Wiser Oil Co.

LEASE Majamar Grayburg Unit

WELL NO. #27

990' FSL, 1980' FEL, Unit O

4

17S

32E

FOOTAGE LOCATION

SECTION

TOWNSHIP

RANGE

Schematic

Well Construction Data

Surface Casing Set @ 318'

Size 8 5/8" Cemented with 175 sx.

TOC Surface feet determined by "

Hole Size Unknown "

Intermediate Casing

Size " Cemented with " sx.

TOC " feet determined by "

Hole Size "

Long String Set @ 4038'

Size 5 1/2" Cemented with 400 sx.

TOC 1995 feet determined by Calculation

Hole Size Unknown/Estimated to be 7 7/8 "

Total Depth 4038 ,

Injection Interval feet to feet

(perforated or open-hole; indicate which)

Tubing Size 2 3/8" lined with (type of internal coating) set in a

Other type of tubing / casing seal if applicable packer at 4000 feet

Other Data

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

If no, for what purpose was the well originally drilled?

Oil Production

The Wiser Oil Company plans to convert this well to WIV

2. Name of the injection formation Grayburg-San Andres Vacuum

3. Name of Field or Pool (if applicable) Majamar Grayburg San Andres

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e., sacks of cement or plug(s) used 3888-3916', 3978-4002'

5. Give the names and depths of any over or underlying oil or gas zones (pools) in this area. 4038 'TD

8 5/8" Casing @ 318' 175 sx Cement

Unk " Hole Size

Perforations: 3888-3916' 3978-4002'

Unk " Hole Size

5 1/2" Casing @ 4038' 400 sx Cement

Est. TOC @ 1995'

INJECTION WELL DATA SHEET

OPERATOR The Wiser Oil Co.

LEASE Majiamar Grayburg Unit

WELL NO. #28

660' FSL, 660' FEL, Unit P

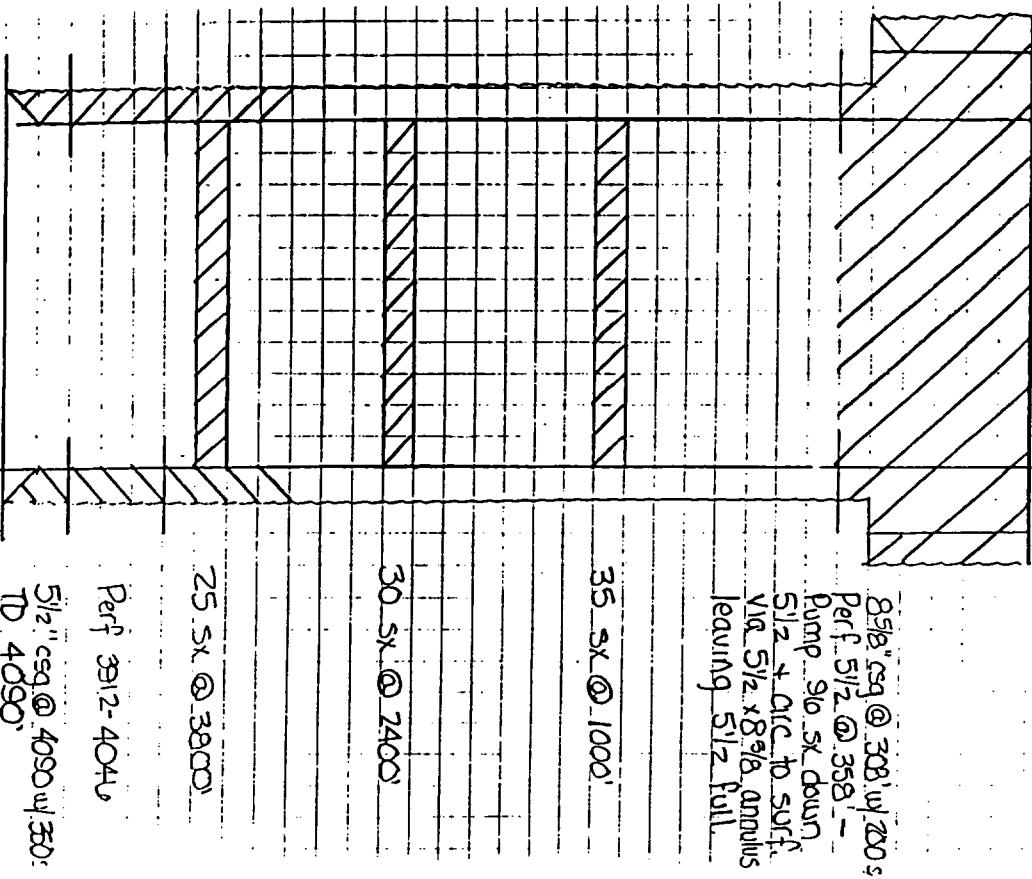
SECTION 4 TOWNSHIP 17S RANGE 32E

FOOTAGE LOCATION

SECTION 4 TOWNSHIP 17S RANGE 32E

Schematic

Well Construction Data



Surface Casing Size 8 5/8" Cemented with 200' SX.

TOC Surface feet determined by "

Hole Size 12 1/4" Intermediate Casing Size " Cemented with " feet determined by " SX.

TOC " Cemented with " feet determined by " SX.

Hole Size " Long String Size 5 1/2" Cemented with 400' SX.

TOC 2047' feet determined by Calculation

Hole Size 7 7/8" Total Depth 4090'

Injection Interval 4090' feet to feet

(perforated or open-hole; indicate which) 2 3/8" lined with 3905' set in a feet

Tubing Size 2 3/8" (type of internal coating) 3905' packer at feet

Other type of tubing / casing seal if applicable Other Data

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

If no, for what purpose was the well originally drilled? Oil Production - P&A 10-14-76 - The Wiser Oil Company

2. Name of the injection formation Grayburg-San Andres Vacuum

3. Name of Field or Pool (if applicable) Majiamar Grayburg San Andres

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e., sacks of cement or plug(s) used 3912-27', 3966-70', 3977-81', 4014-18', 4036-46'

5. Give the names and depths of any over or underlying oil or gas zones (pools) in this area. "

INJECTION WELL DATA SHEET

OPERATOR The Wiser Oil Co.

LEASE Maljamar Grayburg Unit

WELL NO. #32 (fka Conoco MGBU #1)

660' FSL, 660' FEL, Unit P

8 17S 32E

FOOTAGE LOCATION

SECTION TOWNSHIP RANGE

Schematic

Well Construction Data

Pump 25 sx between 8 5/8" + 10 1/2"
350 sx cement
Pump cement + air to surface between 7" + 8 5/8" casing.
Est. air between 7" + 8 5/8" casing.
8 1/4" casing set at 4110' with 50 sx
Hole size Unknown"
Perf 4 holes @ 988'
Load hole/mud
Spot 25 sx cement
Set 216P @ 3500'

1" casing set at 3775' with 100 sx
Total Depth 4150' Hole size Unknown"

Surface Casing Set @ 940'
Size 8 1/4" Cemented with 50 sx.
TOC Surface feet determined by "
Hole Size Unknown "
Intermediate Casing
Size " Cemented with
TOC feet determined by " sx.
Hole Size "
Long String Set @ 3775'
Size 7 " Cemented with 100 sx.
TOC Unknown feet determined by "
Hole Size Unknown "
Total Depth 4150'
Injection Interval feet to feet
(perforated or open-hole; indicate which)
Tubing Size 2" lined with (type of internal coating) set in a
Other type of tubing / casing seal if applicable packer at 3700 feet
Other Data

1. Is this a new well drilled for injection? Yes X No
 If no, for what purpose was the well originally drilled?
Oil Production - Conv to WTW 7-26-67 - P&A 1-24-90
 2. Wiser plans to re-enter this well and complete as WTW
 Name of the Injection formation Grayburg-San Andres Vacuum
 3. Name of Field or Pool (if applicable) Maljamar Grayburg San Andres
 4. Has the well ever been perforated in any other zone(s)? List all such
perforated intervals and give plugging detail, i.e., sacks of cement or
plug(s) used Unknown
 5. Give the names and depths of any over or underlying oil or gas zones
(pools) in this area.

INJECTION WELL DATA SHEET

OPERATOR The Wiser Oil Co.

LEASE Majamar Grayburg Unit

WELL NO. #33

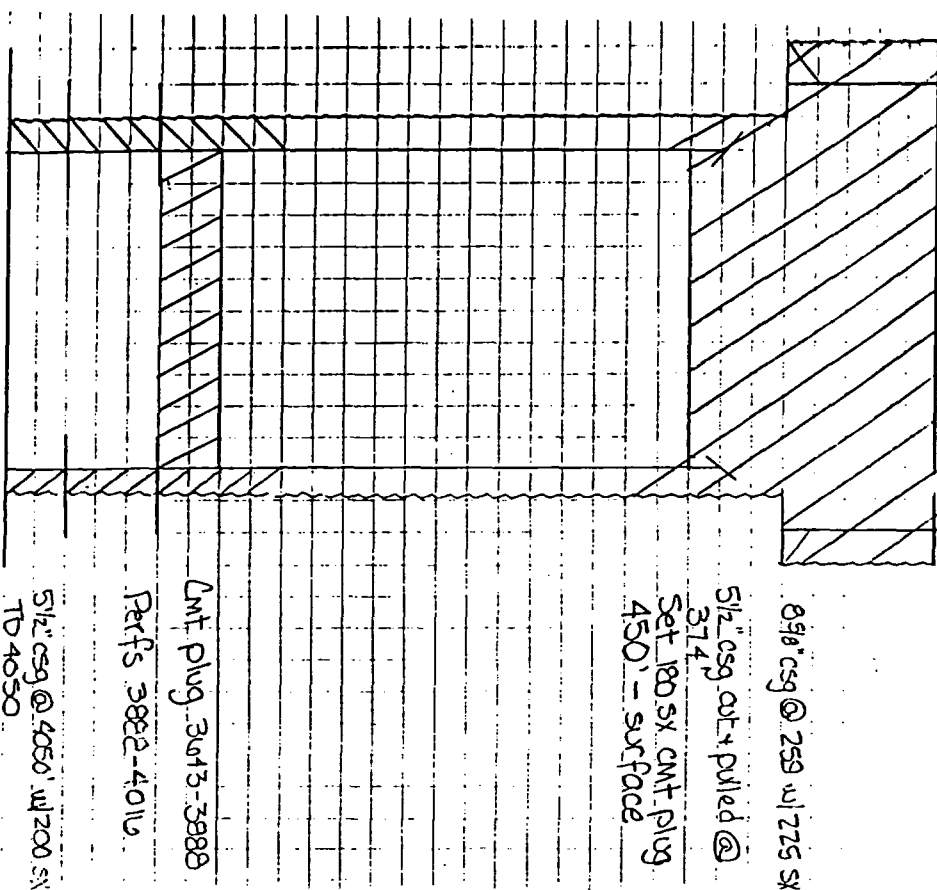
670' FNL, 770' FEL, Unit A

9 17S 32E

FOOTAGE LOCATION

SECTION 9 TOWNSHIP 17S RANGE 32E

Schematic



Well Construction Data

Surface Casing Set @ 289'

Size 8 5/8" Cemented with 225 sx.

TOC Surface feet determined by "

Hole Size 12 1/4"

Intermediate Casing " Cemented with " feet determined by " sx.

Size " Cemented with " feet determined by " sx.

Hole Size " Set @ 4050'

Long String 5 1/2" Cemented with 200 sx.

Size 5 1/2" feet determined by Calculation

TOC 3028

Hole Size 7 7/8"

Total Depth 4050

Injection Interval feet to feet

(perforated or open-hole; indicate which)

Tubing Size 2 3/8" lined with (type of internal coating) set in a

Other type of tubing / casing seal if applicable packer at 3978 feet

Other Data

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

If no, for what purpose was the well originally drilled?

Oil Production - P&A 4-12-89 The Wiser Oil Company plans

to re-enter this well and complete as WIW

2. Name of the Injection formation Grayburg-San Andres Vacuum

3. Name of Field or Pool (if applicable) Majamar Grayburg San Andres

4. Has the well ever been perforated in any other zone(s)? List all such

perforated intervals and give plugging detail, i.e., sacks of cement or

plug(s) used 3888-94', 3914-22', 3983-87', 3992-4016'

5. Give the names and depths of any over or underlying oil or gas zones

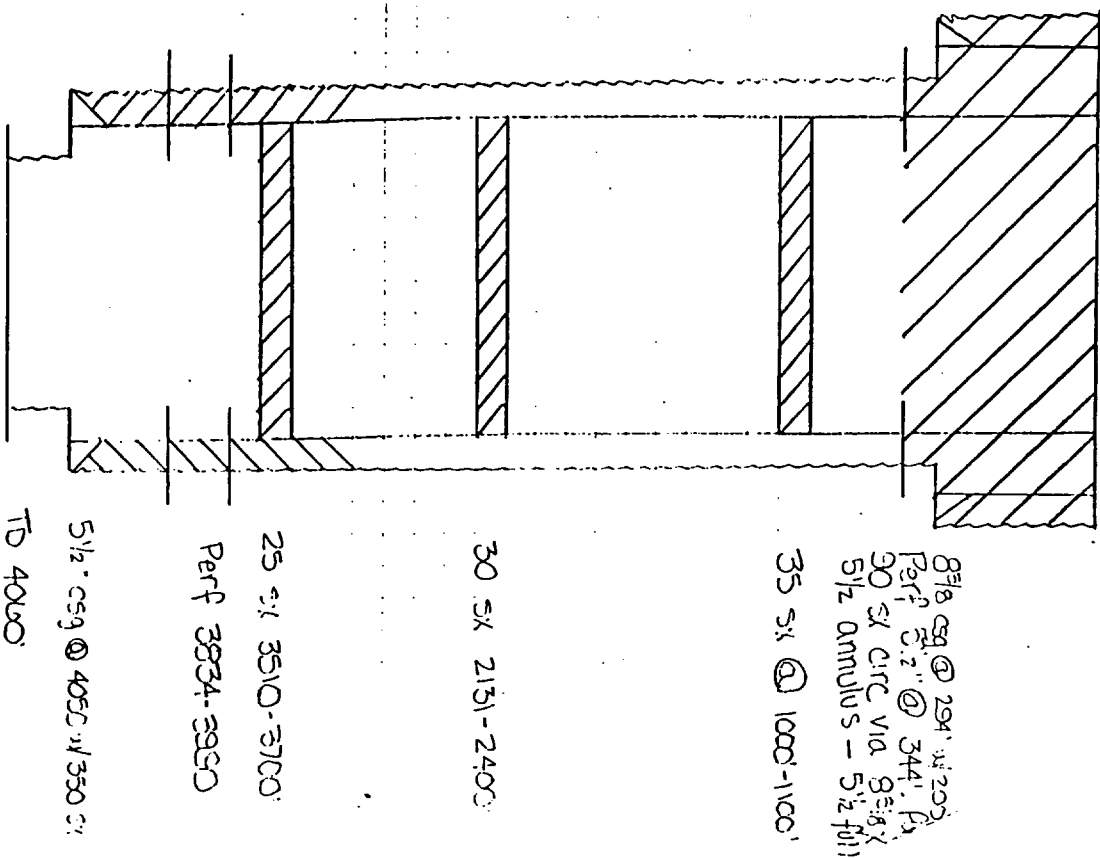
(pools) in this area.

INJECTION WELL DATA SHEET

OPERATOR The Wiser Oil Co.
WELL NO. #34

LEASE Majamar Grayburg Unit
330' FNL, 1980' FEL, Unit B
FOOTAGE LOCATION SECTION 9 TOWNSHIP 17S RANGE 32E

Schematic



Well Construction Data

- Surface Casing Size 8 5/8 " Set @ 294' Cemented with 200 sx.
TOC Surface feet determined by "
Hole Size Unknown " "
- Intermediate Casing Size " Cemented with " feet determined by " sx.
TOC " feet determined by " "
- Hole Size " "
- Long String Size 5 1/2 " Set @ 4060' Cemented with 350 sx.
TOC 2272 feet determined by Calculation "
- Hole Size Unknown/Estimated to be 7 7/8 " "
- Total Depth 4060' "
- Injection Interval " feet to " feet
(perforated or open-hole; indicate which)
- Tubing Size 2 3/8" lined with " (type of internal coating) set in a packer at 3875 feet
- Other type of tubing / casing seal if applicable " feet
- Other Data "
- Is this a new well drilled for injection? Yes X No "
If no, for what purpose was the well originally drilled? "
- Oil Production - Conv to WIV 12-10-64 - P&A 9-11-75
- Wiser plans to re-enter this well and complete as WIV
- Name of the Injection formation Grayburg-San Andres Vacuum
- Name of Field or Pool (if applicable) Majamar Grayburg San Andres
- Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e., sacks of cement or plug(s) used 3860-90', 3900-90'
- Give the names and depths of any over or underlying oil or gas zones (pools) in this area. "

INJECTION WELL DATA SHEET

OPERATOR

The Wiser Oil Co.

LEASE Majamar Grayburg Unit

WELL NO.

#35

330' FNL, 2310' FWL, Unit C

9

17S

32E

FOOTAGE LOCATION

SECTION

TOWNSHIP

RANGE

Schematic

Well Construction Data

Surface Casing Set @ 295' Cemented with 200 sx.

Size 8 5/8" feet determined by

TOC Surface

Hole Size 12 1/4" "

Intermediate Casing

Size " Cemented with " sx.

TOC feet determined by

Hole Size " "

Long String Set @ 4020' Cemented with 350 sx.

Size 5 1/2" feet determined by

TOC 2232' Calculation

Hole Size 7 7/8" "

Total Depth 4020'

Injection Interval feet to feet

(perforated or open-hole; indicate which)

Tubing Size 2 3/8" lined with (type of internal coating) set in a packer at 3628 feet

Other type of tubing / casing seal if applicable

Other Data

1. Is this a new well drilled for injection? Yes ☒ No ☐

If no, for what purpose was the well originally drilled?

Oil Production - TA

The Wiser Oil Company plans to convert this well to WIV

2. Name of the injection formation Grayburg-San Andres Vacuum

3. Name of Field or Pool (if applicable) Majamar Grayburg San Andres

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e., sacks of cement or plug(s) used 3848-84', 3906-76'

5. Give the names and depths of any over or underlying oil or gas zones (pools) in this area.

Perforations:

3848-58'

3866-84'

3906-10'

3962-76'

7 7/8" Hole Size

8 5/8" Casing @ 295' 200' Cement

TOC @ 2232'

5 1/2" Casing @ 4020' 350' Cement

4020' TTD

INJECTION WELL DATA SHEET

OPERATOR The Wiser Oil Co.

LEASE Majamar Grayburg Unit

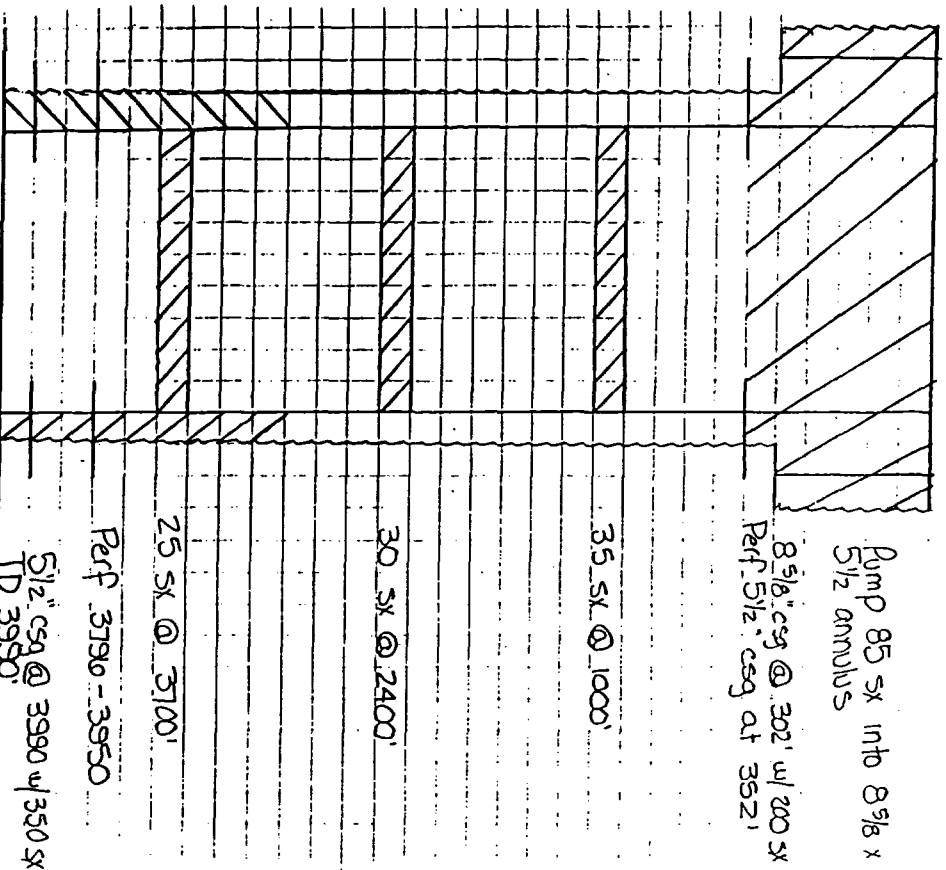
WELL NO. #36

330' FNL, 990' FWL, Unit D

FOOTAGE LOCATION

SECTION 9 TOWNSHIP 17S RANGE 32E

Schematic



Well Construction Data

Surface Casing 8 5/8" Set @ 302'

Size 8 5/8" Cemented with 200 sx.

TOC Surface feet determined by "

Hole Size 12 1/4"

Intermediate Casing "

Size " Cemented with " feet determined by " sx.

TOC " feet determined by "

Hole Size "

Long String Set @ 3990'

Size 5 1/2" Cemented with 350 sx.

TOC 2202 feet determined by Calculation

Hole Size 7 7/8"

Total Depth 3990

Injection Interval " feet to " feet

(perforated or open-hole; indicate which)

Tubing Size 2 3/8" lined with " set in a "

(type of internal coating)

Other type of tubing / casing seal if applicable 3800 feet

Other Data 3800 packer at 3800 feet

1. Is this a new well drilled for injection? Yes X No "

If no, for what purpose was the well originally drilled?

Oil Production - Conv to WTW 12-10-64 - P&A 6-30-95

2. Wiser plans to re-enter this well and complete as WTW

3. Name of the Injection formation Grayburg-San Andres Vacuum

4. Name of Field or Pool (if applicable) Majamar Grayburg San Andres

5. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e., sacks of cement or plug(s) used 3796-3802', 3820-36', 3854-60', 3940-50'

6. Give the names and depths of any over or underlying oil or gas zones (pools) in this area. "

INJECTION WELL DATA SHEET

OPERATOR The Wiser Oil Co. LEASE Maljamar Grayburg Unit
 WELL NO. #38 1980' FNL, 1980' FWL, Unit F SECTION 9 TOWNSHIP 17S RANGE 32E
 FOOTAGE LOCATION

Schematic

Well Construction Data

Surface Casing Set @ 299'
 Size 8 5/8 " Cemented with 150 sx.
 TOC Surface
 Hole Size 11 "
 Intermediate Casing
 Size " Cemented with sx.
 TOC " feet determined by "
 Hole Size "
 Long String Set @ 4150'
 Size 4 1/2 " Cemented with 535 sx.
 TOC 2071 feet determined by Calculation
 Hole Size 7 7/8 "
 Total Depth 4150 '
 Inflection Interval feet to feet
 (perforated or open-hole; Indicate which)
 Tubing Size 2 3/8 " lined with (type of internal coating) set in a feet
 Other type of tubing / casing seal if applicable 3848 feet
 Other Data

Pumped 110 sx cement leaving 4 1/2" well to surface
 8 5/8" casing set at 299' with 150 sx
 Hole size 11"

Perf 4 1/2" casing @ 349'

Spot 35 sx cement

Spot 30 sx cement

Spot 25 sx cement

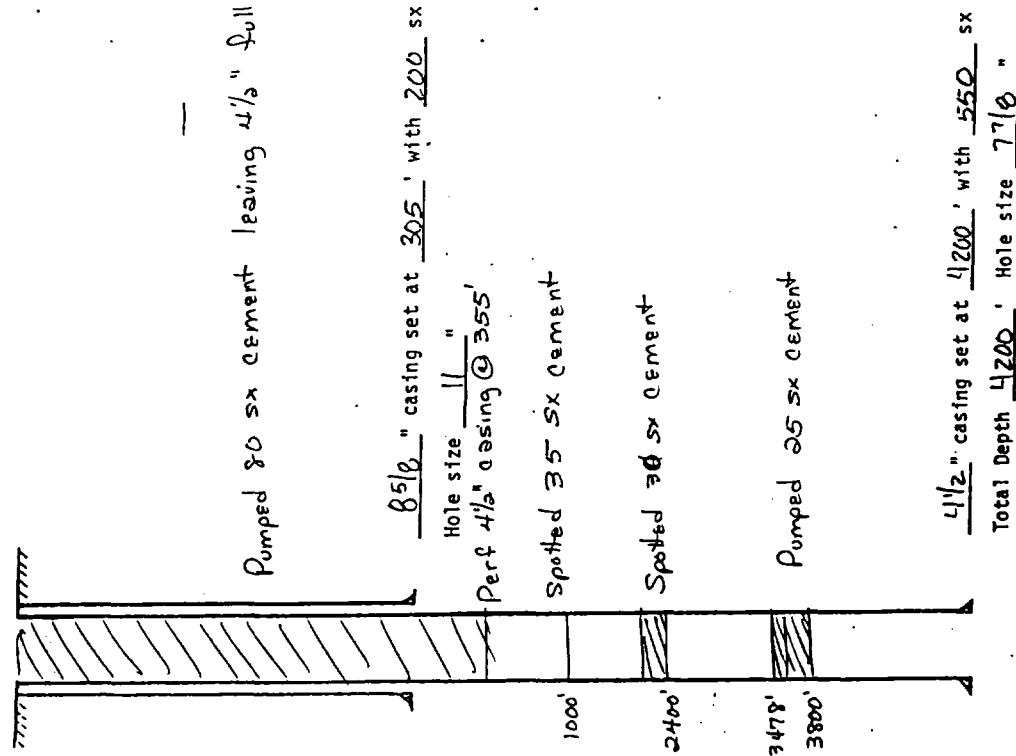
4 1/2" casing set at 4150' with 535 sx
 Total Depth 4150' Hole size 7 7/8"

- Is this a new well drilled for injection? Yes X No
 If no, for what purpose was the well originally drilled?
Oil Production - Conv to WIW 7-28-67 - P&A 6-30-75
Wiser plans to re-enter this well and complete as WIW
- Name of the injection formation Grayburg-San Andres Vacuum
- Name of Field or Pool (if applicable) Maljamar Grayburg San Andres
- Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e., sacks of cement or plug(s) used 3785-4083'
- Give the names and depths of any over or underlying oil or gas zones (pools) in this area.

INJECTION WELL DATA SHEET

OPERATOR	The Wiser Oil Co.	LEASE	Maljamar Grayburg Unit
WELL NO.	#40	1800' FNL, 660' FEL, Unit H	17S 32E
FOOTAGE LOCATION		SECTION	TOWNSHIP
		RANGE	

Schematic



Well Construction Data

Surface Casing	Set @ 305'
Size	8 5/8" Cemented with 200' sx.
TOC	Surface feet determined by 200
Hole Size	11"
Intermediate Casing	
Size	" Cemented with sx.
TOC	feet determined by "
Hole Size	"
Long String	Set @ 4200'
Size	4 1/2" Cemented with 550' sx.
TOC	2063 feet determined by Calculation
Hole Size	7 7/8"
Total Depth	4200'
Injection Interval	
(perforated or open-hole; Indicate which)	
Tubing Size	2 3/8" lined with (type of internal coating) set in a
Other type of tubing / casing seal if applicable	
Other Data	
1. Is this a new well drilled for injection? Yes ☒ No ☐	
If no, for what purpose was the well originally drilled?	
Oil Production - Conv to WIW 4-21-66 - P&A 9-18-75	
Wiser plans to re-enter this well and complete as WIW	
Name of the Injection formation Grayburg-San Andres Vacuum	
Name of Field or Pool (if applicable) Maljamar Grayburg San Andres	
4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e., sacks of cement or plug(s) used 3842-4139'	
5. Give the names and depths of any over or underlying oil or gas zones (pools) in this area.	

INJECTION WELL DATA SHEET

OPERATOR The Wiser Oil Co.

WELL NO. #42

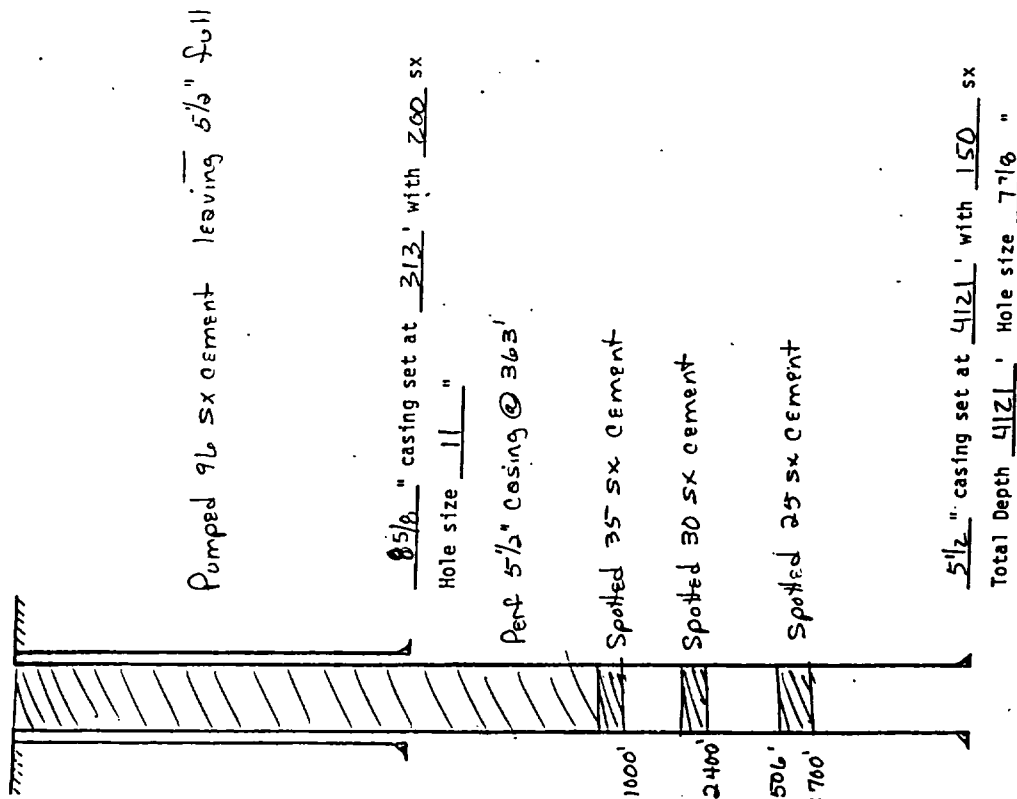
LEASE Maljamar Grayburg Unit

1980' FSL, 1980' FEL, Unit J

#42

FOOTAGE LOCATION SECTION 9 TOWNSHIP 17S RANGE 32E

Schematic



Well Construction Data

Surface Casing Set @ 313'

Size 8 5/8" Cemented with 200' sx.

TOC Surface feet determined by "

Hole Size 11"

Intermediate Casing

Size " Cemented with "

TOC feet determined by "

Hole Size "

Long String Set @ 4121'

Size 5 1/2" Cemented with 150' sx.

TOC 3355 feet determined by Calculation

Hole Size 7 7/8"

Total Depth 4121'

Injection Interval feet to feet

(perforated or open-hole; Indicate which)

Tubing Size 2 3/8" lined with (type of internal coating) feet set in a

Other type of tubing / casing seal if applicable packer at 3855 feet

- Other Data
1. Is this a new well drilled for injection? Yes ☒ No ☐
If no, for what purpose was the well originally drilled? Oil Production - Conv to WIW 7-28-67 - P&A 9-11-75
 2. Wiser plans to re-enter this well and complete as WIW
 3. Name of the Injection formation Grayburg-San Andres Vacuum
 4. Name of Field or Pool (if applicable) Maljamar Grayburg San Andres
 5. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e., sacks of cement or plug(s) used 3820-30', 3930-34', 3944-54', 3964-70', 4091-99'
 6. Give the names and depths of any over or underlying oil or gas zones (pools) in this area.

INJECTION WELL DATA SHEET

OPERATOR The Wiser Oil Co.

LEASE Maljamar Grayburg Unit

WELL NO. #44

1980' FSL, 660' FWL, Unit L

FOOTAGE LOCATION SECTION 9 TOWNSHIP 17S RANGE 32E

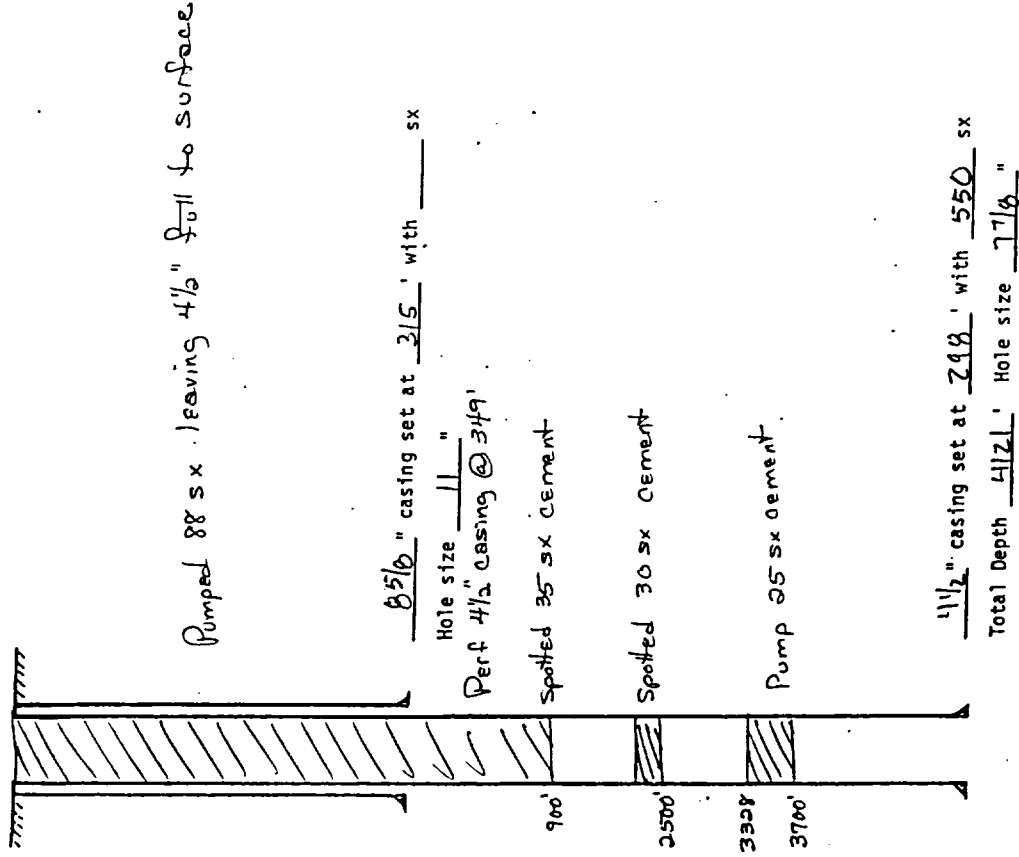
Schematic

Well Construction Data

Surface Casing Set @ 315'
 Size 8 5/8" Cemented with Unknown sx.
 TOC Surface feet determined by "
 Hole Size 11"
 Intermediate Casing
 Size " Cemented with " sx.
 TOC " feet determined by "
 Hole Size "
 Long String Set @ 298'
 Size 4 1/2" Cemented with 550 sx.
 TOC 1984 feet determined by calc
 Hole Size 7 7/8"
 Total Depth 4121'
 Injection Interval

(perforated or open-hole; Indicate which)
 Tubing Size 2 3/8" lined with (type of internal coating) set in a
 Other type of tubing / casing seal if applicable packer at 3761 feet
 Other Data

1. Is this a new well drilled for injection? Yes ☒ No ☐
 If no, for what purpose was the well originally drilled?
 Oil Production - Conv to WIW 7-28-67 - P&A 9-11-75
2. Wiser plans to re-enter this well and complete as WIW
3. Name of the Injection formation Grayburg-San Andres Vacuum
4. Name of Field or Pool (if applicable) Maljamar Grayburg San Andres
5. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e., sacks of cement or plug(s) used 3746-3959'
6. Give the names and depths of any over or underlying oil or gas zones (pools) in this area.



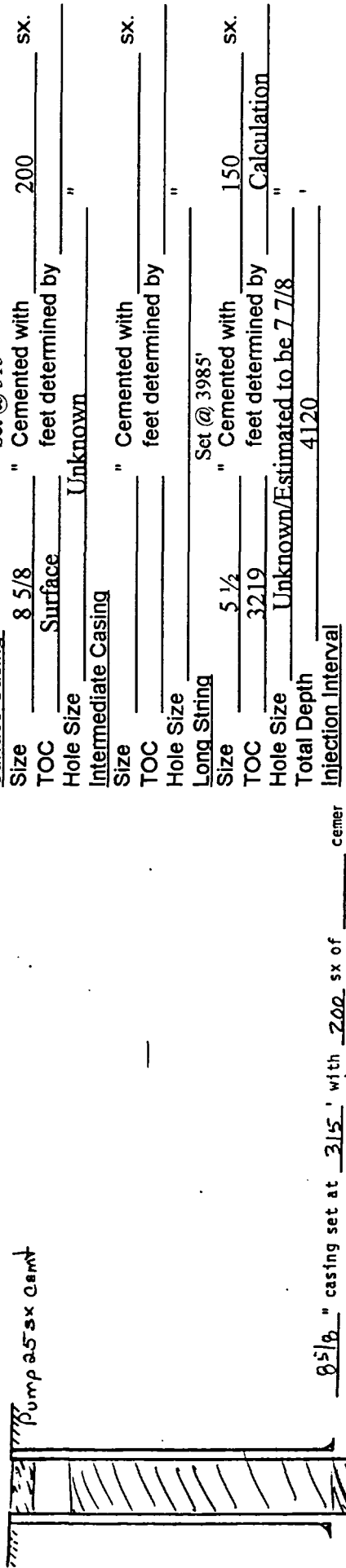
INJECTION WELL DATA SHEET

OPERATOR The Wiser Oil Co. LEASE Maljamar Grayburg Unit

WELL NO. #46 (fka Conoco MGBU #2) FOOTAGE LOCATION 660' FSL, 1980' FWL, Unit N SECTION 9 TOWNSHIP 17S RANGE 32E

Schematic

Pump 2.5" x cement



8 5/8" casing set at 315' with 200 sx of cement
Hole size Unknown"

Pump 3.29" x cement to form. - Tie to annul 5 1/2" + 8 5/8" casing

Shot 4 holes @ 925'

Spot 2.5" x cement
Set C10P

3673

5 1/2" casing set at 3985' with 150 sx of cement
Total Depth 4120' Hole size Unknown"

Well Construction Data

Surface Casing Set @ 315'
Size 8 5/8" Cemented with 200 sx.
TOC Surface feet determined by 200
Hole Size Unknown"
Intermediate Casing
Size " Cemented with " sx.
TOC " feet determined by "
Hole Size "
Long String Set @ 3985'
Size 5 1/2" Cemented with 150 sx.
TOC 3219 feet determined by Calculation
Hole Size Unknown/Estimated to be 7 7/8"
Total Depth 4120

Injection Interval feet to feet
(perforated or open-hole; Indicate which)
Tubing Size 2 3/8" lined with set in a feet
(type of internal coating)
Other type of tubing / casing seal if applicable packer at 3840 feet

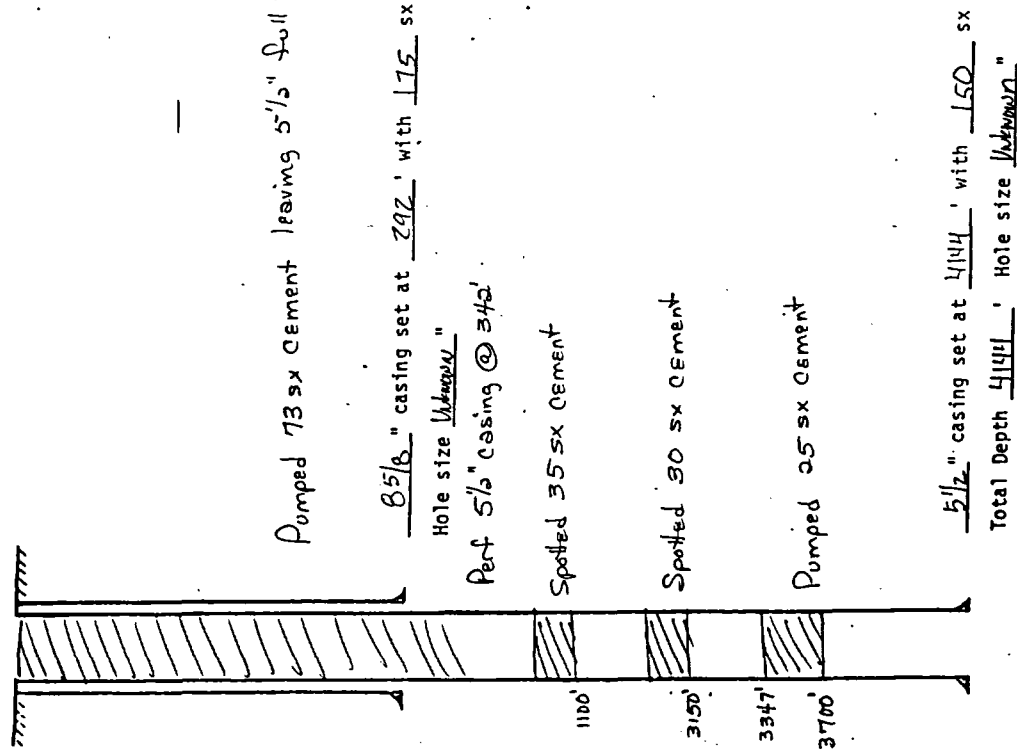
Other Data

1. Is this a new well drilled for injection? Yes X No
If no, for what purpose was the well originally drilled?
Oil Production - Conv to WIW 7-28-67 - P&A 1-24-90
Wiser plans to re-enter this well and complete as WIW
2. Name of the injection formation Grayburg-San Andres Vacuum
3. Name of Field or Pool (if applicable) Maljamar Grayburg San Andres
4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e., sacks of cement or plug(s) used 3748-56', 3788-94', 3820-24', 3848-52', 3910-14', 3926-32'
5. Give the names and depths of any over or underlying oil or gas zones (pools) in this area.

INJECTION WELL DATA SHEET

OPERATOR	The Wiser Oil Co.	LEASE	Maljamar Grayburg Unit
WELL NO.	#48	660' FSL, 660' FEL, Unit P	32E
FOOTAGE LOCATION		SECTION	TOWNSHIP
		9	17S
			RANGE

Schematic



Well Construction Data

Surface Casing	Set @ 292'
Size	8 5/8" Cemented with 175' sx.
TOC	Surface feet determined by
Hole Size	Unknown
Intermediate Casing	
Size	" Cemented with sx.
TOC	feet determined by
Hole Size	"
Long String	Set @ 4144'
Size	5 1/2" Cemented with 150' sx.
TOC	3378' feet determined by Calculation
Hole Size	Unknown/Estimated to be 7 7/8"
Total Depth	4144'
Injection Interval	feet to feet
(perforated or open-hole; Indicate which)	
Tubing Size	2" lined with (type of internal coating) set in a
Other type of tubing / casing seal if applicable	
Other Data	
1. Is this a new well drilled for injection? Yes ☒ No ☐	
If no, for what purpose was the well originally drilled?	
Oil Production - Conv to WIW 7-28-67 - P&A 9-11-75	
Wiser plans to re-enter this well and complete as WIW	
2. Name of the Injection formation Grayburg-San Andres Vacuum	
3. Name of Field or Pool (if applicable) Maljamar Grayburg San Andres	
4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e., sacks of cement or plug(s) used 3830-44', 3958-72', 4096-4110'	
5. Give the names and depths of any over or underlying oil or gas zones (pools) in this area.	

INJECTION WELL DATA SHEET

OPERATOR The Wiser Oil Co.

LEASE Maljamar Grayburg Unit

WELL NO. #49

660' FNL, 660' FEL, Unit A

32E

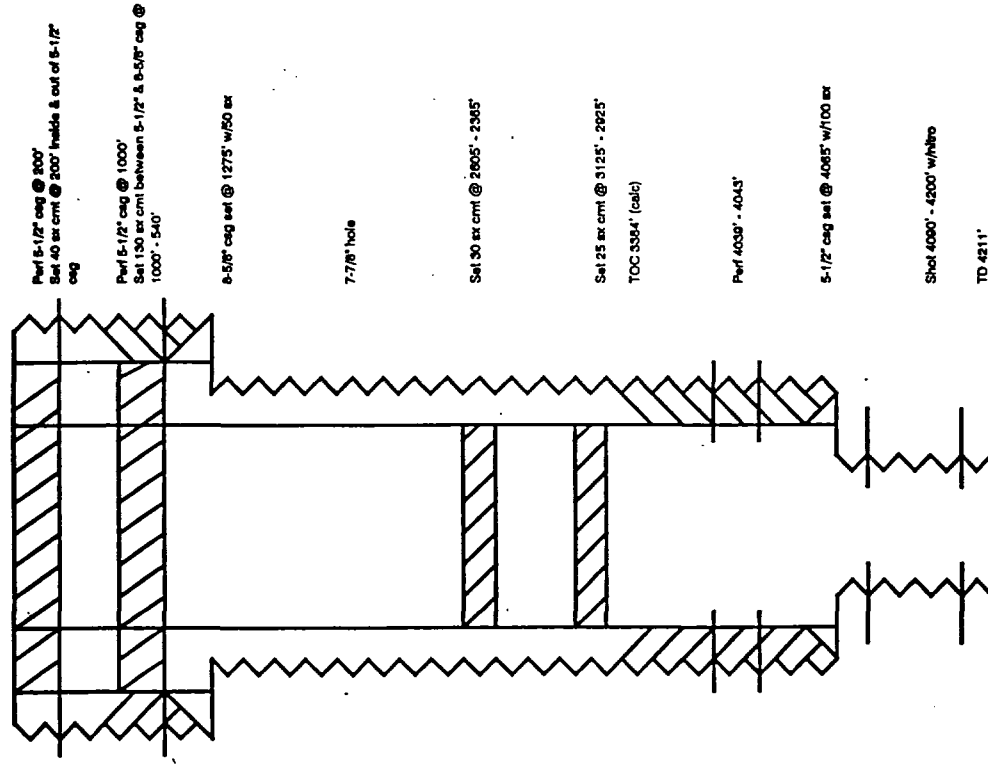
FOOTAGE LOCATION

10

SECTION TOWNSHIP

RANGE

Schematic



Well Construction Data

Surface Casing Set @ 1225'
 Size 8 5/8" Cemented with 100' SX.
 TOC Surface feet determined by
 Hole Size Unknown
 Intermediate Casing
 Size " Cemented with SX.
 TOC feet determined by
 Hole Size " Cemented with SX.
 Long String Set @ 3520'
 Size 7" Cemented with 25' SX.
 TOC Unknown feet determined by
 Hole Size Unknown
 Total Depth 4222'
 Injection Interval

feet to
 (perforated or open-hole; Indicate which)
 Tubing Size lined with set in a
 (type of internal coating) feet

Other type of tubing / casing seal if applicable

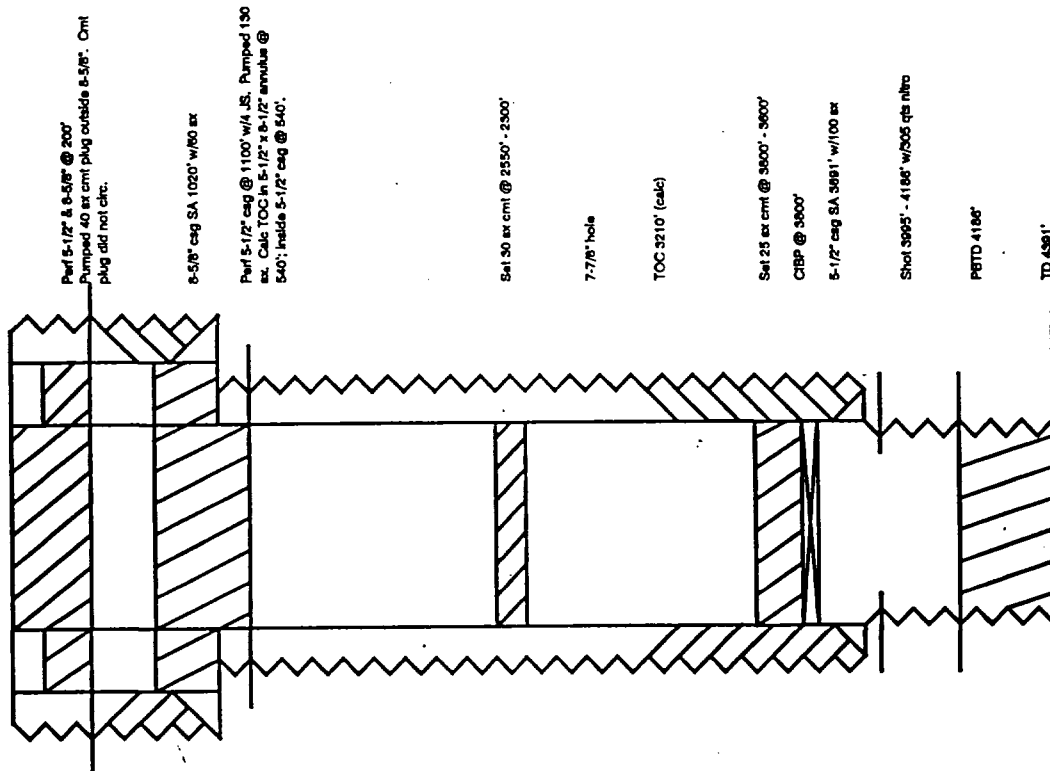
Other Data

1. Is this a new well drilled for injection? Yes ☒ No ☐
 If no, for what purpose was the well originally drilled?
 Oil Production - P&A 10-11-76
2. Wiser plans to re-enter this well and complete as WIW
3. Name of the Injection formation Grayburg-San Andres Vacuum
4. Name of Field or Pool (if applicable) Maljamar Grayburg San Andres
 Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e., sacks of cement or plug(s) used Unknown
5. Give the names and depths of any over or underlying oil or gas zones (pools) in this area.

INJECTION WELL DATA SHEET

OPERATOR	The Wiser Oil Co.	LEASE	Maljamar Grayburg Unit
WELL NO.	#52	660' FNL, 690' FWL, Unit D	FOOTAGE LOCATION
		SECTION	TOWNSHIP
		10	17S
			32E
			RANGE

Schematic



Well Construction Data

Surface Casing	Set @ 1161'
Size	8 5/8" Cemented with 75 sx.
TOC	Surface feet determined by "
Hole Size	Unknown "
Intermediate Casing	
Size	" Cemented with sx.
TOC	feet determined by "
Hole Size	" "
Long String	Set @ 3986'
Size	5 1/2" Cemented with 100 sx.
TOC	3475 feet determined by Calculation
Hole Size	Unknown/Estimated to be 7 7/8 "
Total Depth	4301 "
Injection Interval	feet to feet

(perforated or open-hole; Indicate which)

Tubing Size lined with packer at set in a feet

(type of internal coating)

Other type of tubing / casing seal if applicable

Other Data

- Is this a new well drilled for injection? Yes ☒ No ☐
If no, for what purpose was the well originally drilled?
Oil Production - Conv to WIW 2-1-62 - P&A 10-8-76
Wiser plans to re-enter this well and complete as WIW
- Name of the injection formation Grayburg-San Andres Vacuum
- Name of Field or Pool (if applicable) Maljamar Grayburg San Andres
- Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e., sacks of cement or plug(s) used Unknown
- Give the names and depths of any over or underlying oil or gas zones (pools) in this area.

INJECTION WELL DATA SHEET

OPERATOR The Wiser Oil Co.

LEASE Maljamar Grayburg Unit

WELL NO. #53

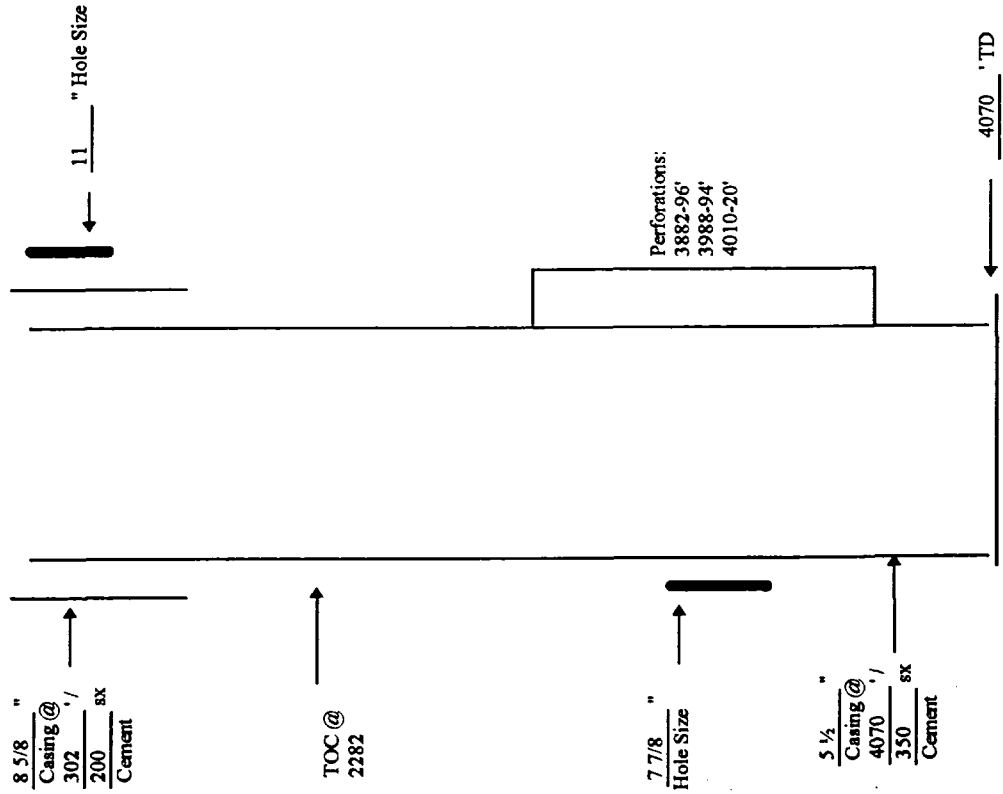
1980' FNL, 610' FWL, Unit E

32E

FOOTAGE LOCATION

RANGE

Schematic



Well Construction Data

Surface Casing Set @ 302'
 Size 8 5/8 " Cemented with 200 sx.
 TOC Surface feet determined by 200
 Hole Size 11 "
 Intermediate Casing
 Size " Cemented with sx.
 TOC feet determined by
 Hole Size "
 Long String Set @ 4070
 Size 5 1/2 " Cemented with 350 sx.
 TOC 2282 feet determined by Calculation
 Hole Size 7 7/8 "
 Total Depth 4070
 Injection Interval feet to feet
 (perforated or open-hole; Indicate which)
 Tubing Size 2 3/8" lined with packer at 3980 feet set in a

Other type of tubing / casing seal if applicable
 Other Data

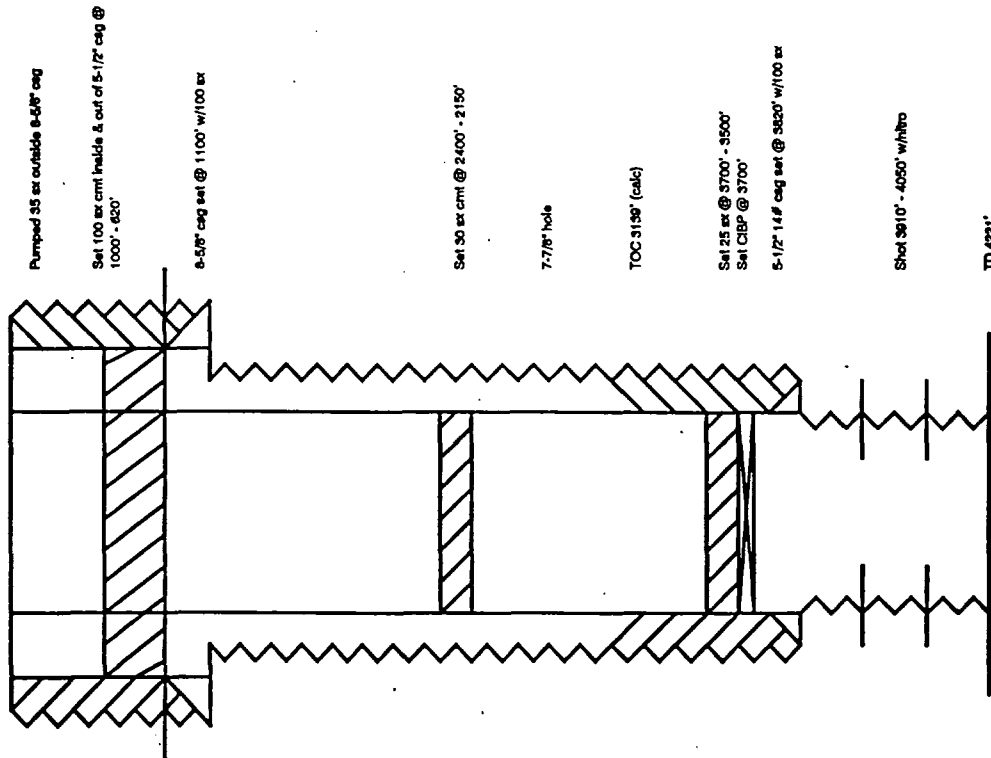
1. Is this a new well drilled for injection? Yes X No
 If no, for what purpose was the well originally drilled?
Oil Production - TA 4-5-89

2. The Wiser Oil Company plans to convert this well to WTW
 Name of the Injection formation Grayburg-San Andres Vacuum
 Name of Field or Pool (if applicable) Maljamar Grayburg San Andres
 Has the well ever been perforated in any other zone(s)? List all such
 perforated intervals and give plugging detail, i.e., sacks of cement or
 plug(s) used 3882-96', 3988-94', 4010-20'
 5. Give the names and depths of any over or underlying oil or gas zones
 (pools) in this area.

INJECTION WELL DATA SHEET

OPERATOR The Wiser Oil Co. LEASE Maljamar Grayburg Unit
 WELL NO. #54 1650' FNL, 2310' FWL, Unit F 10 17S 32E
 FOOTAGE LOCATION SECTION TOWNSHIP RANGE

Schematic



Well Construction Data

Surface Casing Set @ 1100'
 Size 8 5/8 " Cemented with 50 sx.
 TOC Surface feet determined by
 Hole Size Unknown "
Intermediate Casing Set @ 3378'
 Size 7 " Cemented with Unknown sx.
 TOC Unknown feet determined by
 Hole Size Unknown "
Long String Set @ 3820'
 Size 5 1/2 " Cemented with 100 sx.
 TOC 3309 feet determined by Calculation
 Hole Size Unknown/Estimated to be 7 7/8 "
 Total Depth 4221
Injection Interval feet to _____ feet

(perforated or open-hole; Indicate which)
 Tubing Size 2" lined with _____ set in a _____ feet
 (type of internal coating)
 Other type of tubing / casing seal if applicable _____

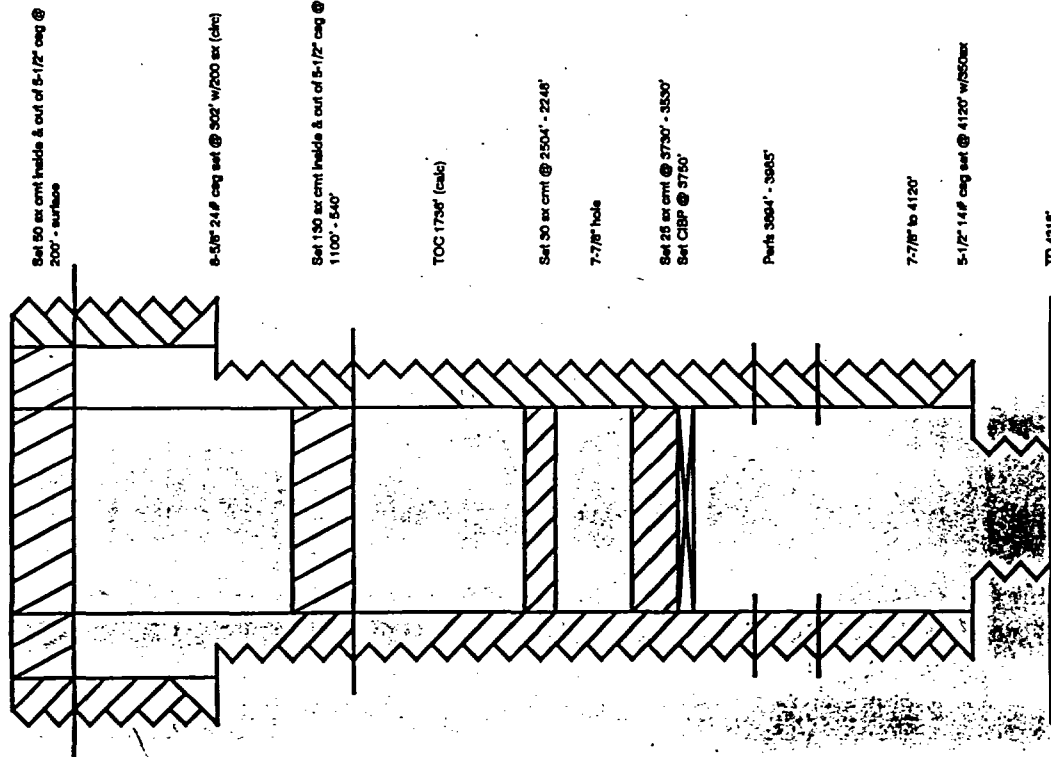
Other Data

- Is this a new well drilled for injection? Yes ☒ No ☐
 If no, for what purpose was the well originally drilled?
Oil Production - Conv to WIW 11-8-62 - P&A 10-6-76
Wiser plans to re-enter this well and complete as WIW
- Name of the Injection formation Grayburg-San Andres Vacuum
- Name of Field or Pool (if applicable) Maljamar Grayburg San Andres
- Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e., sacks of cement or plug(s) used Unknown
- Give the names and depths of any over or underlying oil or gas zones (pools) in this area. _____

INJECTION WELL DATA SHEET

OPERATOR	The Wiser Oil Co.	LEASE	Maljamar Grayburg Unit
WELL NO.	#55	1980' FNL, 1980' FEL, Unit G	10 17S 32E
FOOTAGE LOCATION		SECTION	TOWNSHIP
		RANGE	

Schematic



Well Construction Data

Surface Casing	Set @ 302'
Size	8 5/8" Cemented with 200' sx.
TOC	Surface feet determined by 200'
Hole Size	11" "
Intermediate Casing	
Size	" Cemented with sx.
TOC	feet determined by "
Hole Size	" "
Long String	Set @ 4218'
Size	5 1/2" Cemented with 350' sx.
TOC	feet determined by Calculation
Hole Size	7 7/8" "
Total Depth	4120'
Injection Interval	

(perforated or open-hole; Indicate which)

Tubing Size 2 3/8" lined with (type of internal coating) set in a feet

Other type of tubing / casing seal if applicable packer at 3988 feet

Other Data

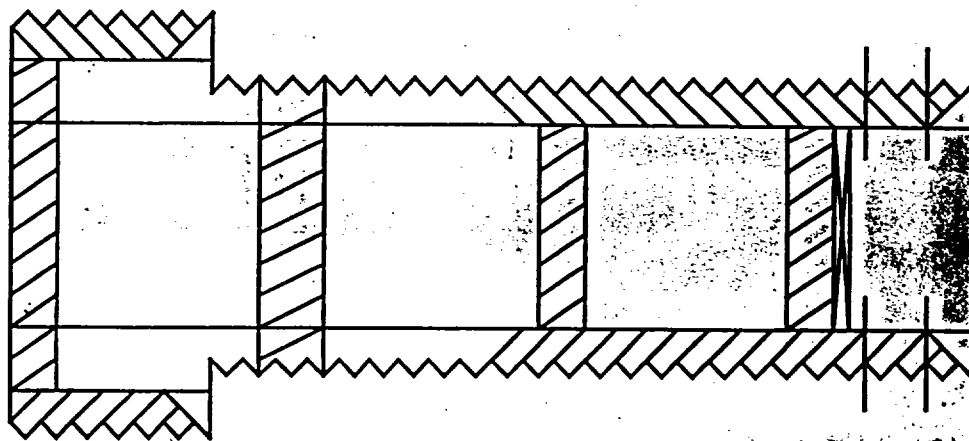
- Is this a new well drilled for injection? Yes ☒ No ☐
If no, for what purpose was the well originally drilled?
Oil Production - P&A 10-15-76
- Wiser plans to re-enter this well and complete as WIW
- Name of the injection formation Grayburg-San Andres Vacuum
- Name of Field or Pool (if applicable) Maljamar Grayburg San Andres
- Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e., sacks of cement or plug(s) used 3894-3900', 3923-33', 4018-34', 4046-52'
- Give the names and depths of any over or underlying oil or gas zones (pools) in this area.

TD 4218'

INJECTION WELL DATA SHEET

OPERATOR The Wiser Oil Co. LEASE Maljamar Grayburg Unit
 WELL NO. #56 1650' FNL, 990' FEL, Unit H 10 17S 32E
 FOOTAGE LOCATION SECTION TOWNSHIP RANGE

Schematic



Well Construction Data

Surface Casing Set @ 337'
 Size 8 5/8" Cemented with 200' sx.
 TOC Surface feet determined by
 Hole Size Unknown
 Intermediate Casing
 Size " Cemented with sx.
 TOC feet determined by
 Hole Size " "
 Long String Set @ 4190'
 Size 5 1/2" Cemented with 350' sx.
 TOC 2402' feet determined by Calculation
 Hole Size Unknown/Estimated to be 7 7/8"
 Total Depth 4190'
 Injection Interval feet to feet

(perforated or open-hole; Indicate which)

Tubing Size 2 3/8" lined with (type of internal coating) set in a feet
 Other type of tubing / casing seal if applicable packer at 4007 feet
 Other Data

- Is this a new well drilled for injection? Yes ☒ No ☐
 If no, for what purpose was the well originally drilled?
Oil Production - Conv to WIW 9-10-64 - P&A 10-18-76
- Wiser plans to re-enter this well and complete as WIW
- Name of the Injection formation Grayburg-San Andres Vacuum
- Name of Field or Pool (if applicable) Maljamar Grayburg San Andres
- Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e., sacks of cement or plug(s) used 3970-82', 4083-87', 4093-4105'
- Give the names and depths of any over or underlying oil or gas zones (pools) in this area.

INJECTION WELL DATA SHEET

OPERATOR The Wiser Oil Co.

LEASE Maljamar Grayburg Unit

WELL NO. #57

1980' FSL, 660' FEL, Unit I

SECTION 10 TOWNSHIP 17S RANGE 32E

FOOTAGE LOCATION

Schematic

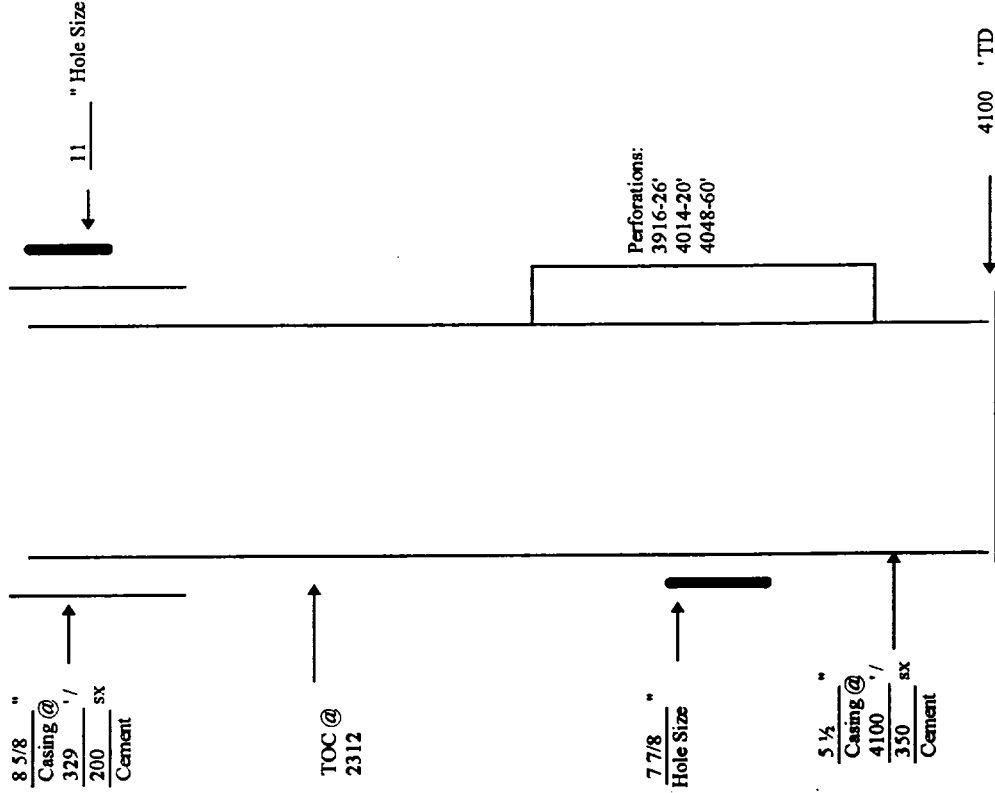
Well Construction Data

Surface Casing Set @ 329'
 Size 8 5/8" Cemented with 200' sx.
 TOC Surface feet determined by 11"
 Hole Size 11" Cemented with 200' sx.
 Intermediate Casing
 Size 7 7/8" Cemented with 350' sx.
 TOC 2312 feet determined by Calculation
 Hole Size 7 7/8" Cemented with 350' sx.
 Long String Set @ 4100'
 Size 5 1/2" Cemented with 350' sx.
 TOC 2312 feet determined by Calculation
 Hole Size 7 7/8" Cemented with 350' sx.
 Total Depth 4100'
 Injection Interval 4100'

(perforated or open-hole; Indicate which)
 Tubing Size 2 3/8" lined with packer at 3948 feet set in a
 (type of internal coating)

Other type of tubing / casing seal if applicable
 Other Data
 1. Is this a new well drilled for injection? Yes ☒ No ☐
 If no, for what purpose was the well originally drilled? Oil Production

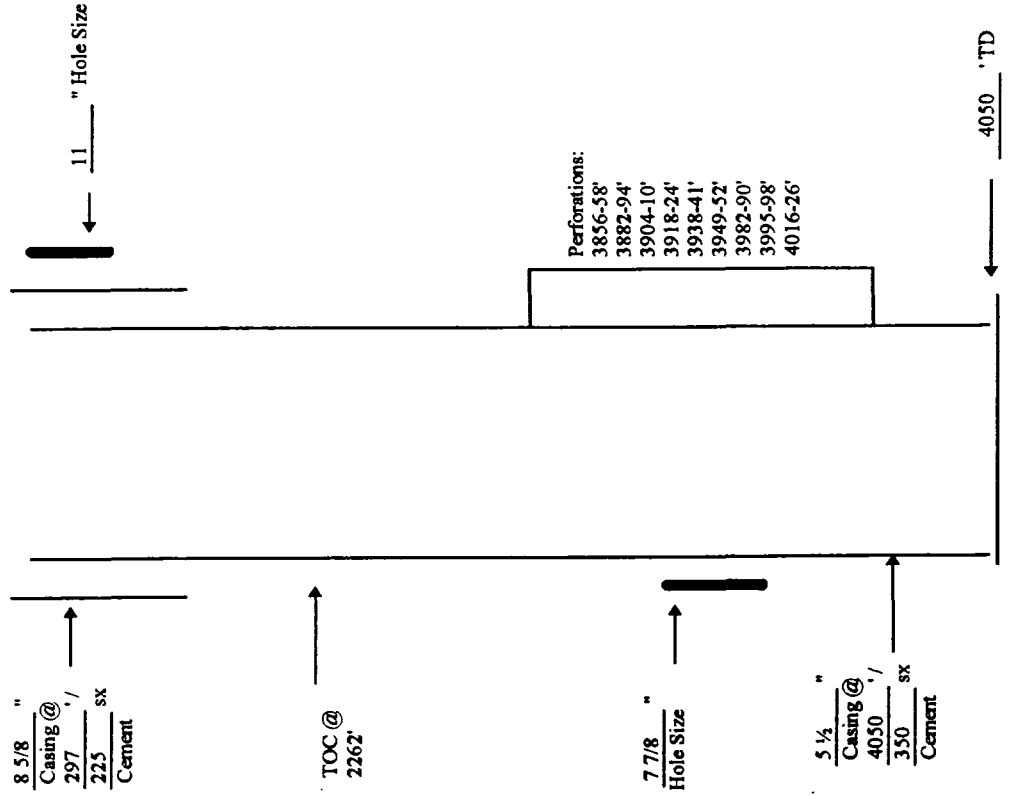
- The Wiser Oil Company plans to convert this well to WIW
- Name of the injection formation Grayburg-San Andres Vacuum
- Name of Field or Pool (if applicable) Maljamar Grayburg San Andres
- Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e., sacks of cement or plug(s) used 3916-26', 4014-20', 4048-60'
- Give the names and depths of any over or underlying oil or gas zones (pools) in this area.



INJECTION WELL DATA SHEET

OPERATOR The Wiser Oil Co. LEASE Maljamar Grayburg Unit
 WELL NO. #59 1980' FSL, 1980' FWL, Unit K 10 SECTION TOWNSHIP RANGE 17S 32E
 FOOTAGE LOCATION

Schematic



Well Construction Data

Surface Casing Set @ 297'
 Size 8 5/8" Cemented with 225' sx.
 TOC Surface feet determined by 11"
 Hole Size 11"
 Intermediate Casing
 Size " Cemented with sx.
 TOC feet determined by "
 Hole Size "
 Long String Set @ 4050'
 Size 5 1/2" Cemented with 350' sx.
 TOC 2262' feet determined by Calculation
 Hole Size 7 7/8"
 Total Depth 4050'
 Inflection Interval feet to feet

(perforated or open-hole; Indicate which)
 Tubing Size 2 3/8" lined with (type of internal coating) set in a packer at 3968 feet

Other type of tubing / casing seal if applicable
 Other Data

- Is this a new well drilled for injection? Yes ☒ No ☐
 If no, for what purpose was the well originally drilled?
Oil Production - TA 1-22-95
- The Wiser Oil Company plans to convert this well to WIW
- Name of the Injection formation Grayburg-San Andres Vacuum
- Name of Field or Pool (if applicable) Maljamar Grayburg San Andres
- Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e., sacks of cement or plug(s) used 3856-94', 3904-98', 4016-26'
- Give the names and depths of any over or underlying oil or gas zones (pools) in this area. North Baish Wolfcamp

INJECTION WELL DATA SHEET

OPERATOR The Wiser Oil Co.

LEASE Maljamar Grayburg Unit

WELL NO. #60

1980' FSL, 660' FWL, Unit L

32E

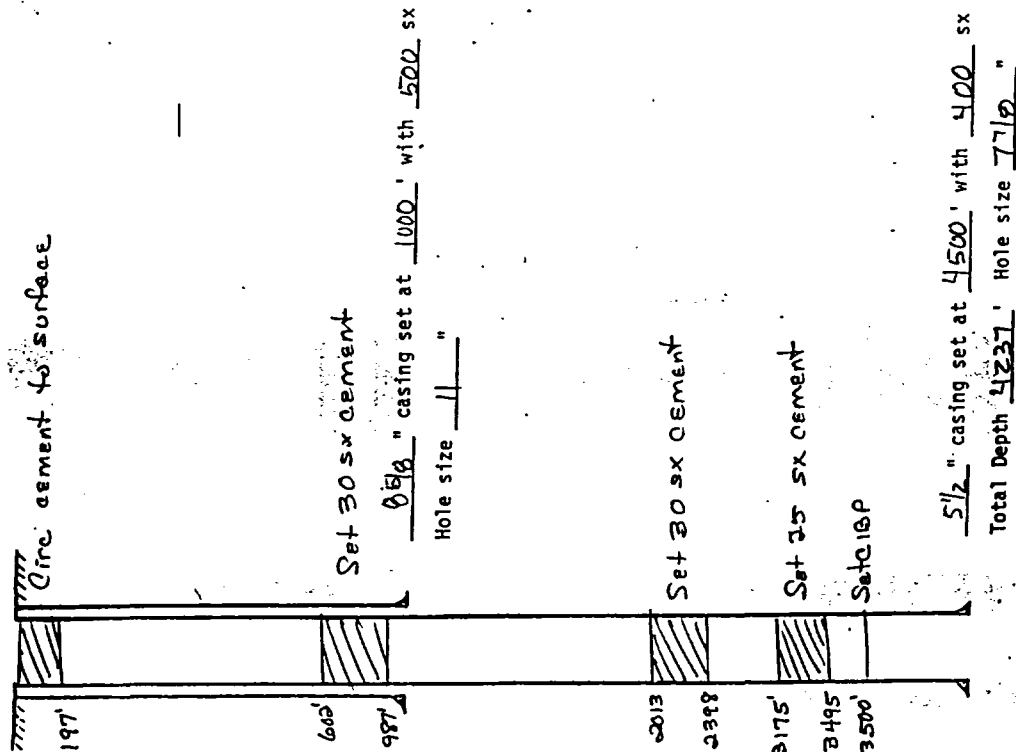
FOOTAGE LOCATION

RANGE

TOWNSHIP

SECTION

Schematic



Well Construction Data

Surface Casing Set @ 1000'
 Size 8 5/8" Cemented with 500 sx.
 TOC Surface feet determined by "
 Hole Size 11"
 Intermediate Casing
 Size " Cemented with sx.
 TOC feet determined by "
 Hole Size "
 Long String Set @ 4500'
 Size 5 1/2" Cemented with 400 sx.
 TOC 2457 feet determined by Calculation
 Hole Size 7 7/8"
 Total Depth 4237'
 Injection Interval feet to feet
 (perforated or open-hole; Indicate which)
 Tubing Size 2 7/8" lined with (type of internal coating) set in a packer at 4010 feet

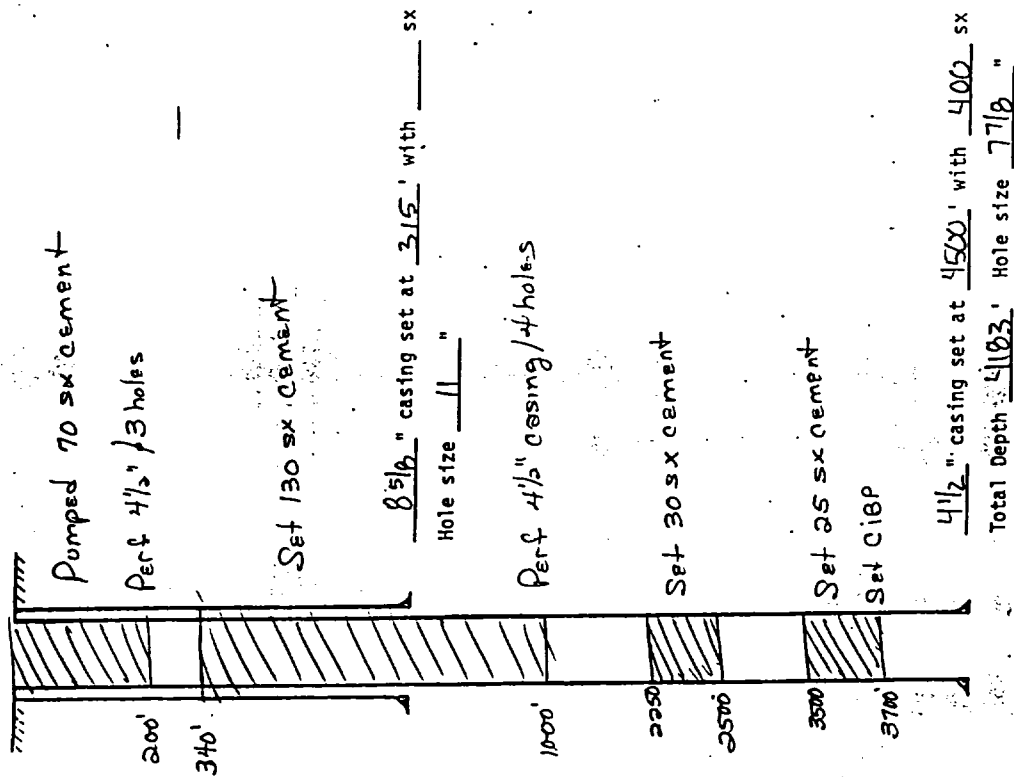
Other Data

1. Is this a new well drilled for injection? Yes ☒ No ☐
 If no, for what purpose was the well originally drilled?
 Oil Production - Conv to WIW 3-31-66 - P&A 10-12-76
 Wiser plans to re-enter this well and complete as WIW
2. Name of the injection formation Grayburg-San Andres Vacuum
3. Name of Field or Pool (if applicable) Maljamar Grayburg San Andres
4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e., sacks of cement or plug(s) used 3835-41', 3872-93', 3955-73', 4004-08'
5. Give the names and depths of any over or underlying oil or gas zones (pools) in this area. North Baish Wolfcamp

INJECTION WELL DATA SHEET

OPERATOR The Wiser Oil Co. LEASE Maljamar Grayburg Unit
 WELL NO. #62 330' FSL, 1980' FWL, Unit N 10 17S 32E
 FOOTAGE LOCATION SECTION TOWNSHIP RANGE

Schematic



Well Construction Data

Surface Casing Set @ 315'
 Size 8 5/8 " Cemented with Unknown sx.
 TOC Surface feet determined by "
 Hole Size 11 "
 Intermediate Casing
 Size " Cemented with " sx.
 TOC " feet determined by "
 Hole Size "
 Long String Set @ 4500'
 Size 4 1/2 " Cemented with 400 sx.
 TOC 2946 feet determined by Calculation
 Hole Size 7 7/8 "
 Total Depth 4183 feet
 Injection Interval " feet

(perforated or open-hole; Indicate which)
 Tubing Size 2 3/8" lined with " set in a
 (type of internal coating) 3878 feet
 Other type of tubing / casing seal if applicable "

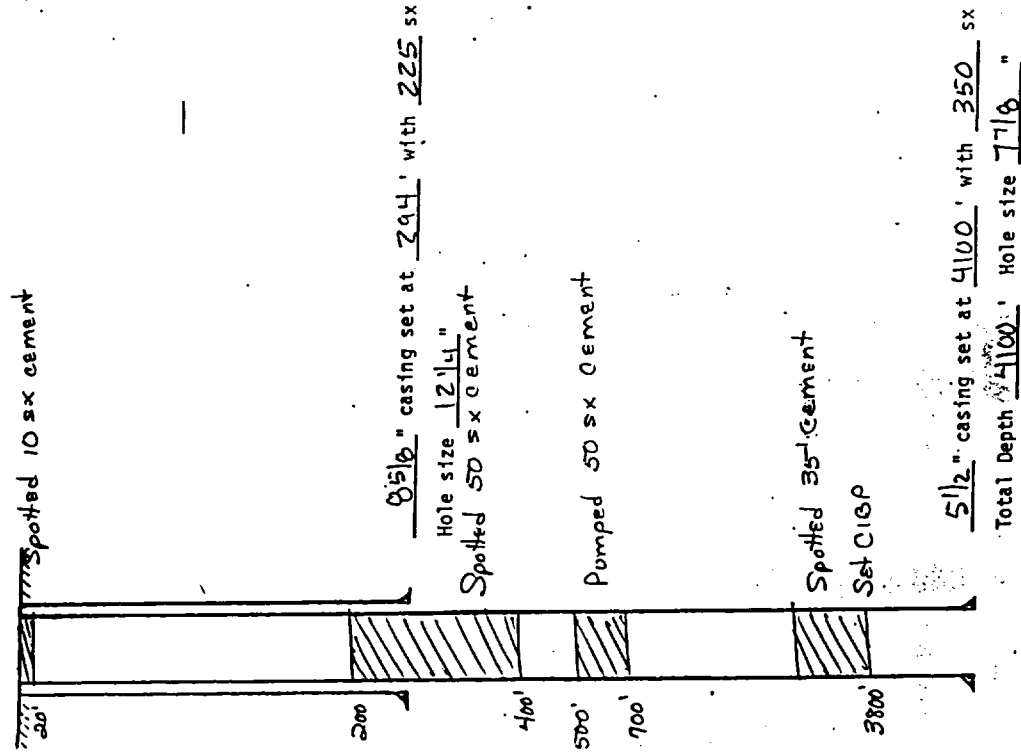
Other Data

1. Is this a new well drilled for injection? Yes X No "
 If no, for what purpose was the well originally drilled?
Oil Production - Conv to WIW 4-22-66 - P&A 10-21-76
Wiser plans to re-enter this well and complete as WIW
2. Name of the Injection formation Grayburg-San Andres Vacuum
3. Name of Field or Pool (if applicable) Maljamar Grayburg San Andres
4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e., sacks of cement or plug(s) used 3819-83', 3905-83', 4117-27'
5. Give the names and depths of any over or underlying oil or gas zones (pools) in this area. North Baish Wolfcamp

INJECTION WELL DATA SHEET

OPERATOR The Wiser Oil Co. LEASE Maljamar Grayburg Unit
 WELL NO. #64 FOOTAGE LOCATION 660' FSL, 660' FEL, Unit P SECTION 10 TOWNSHIP 17S RANGE 32E

Schematic



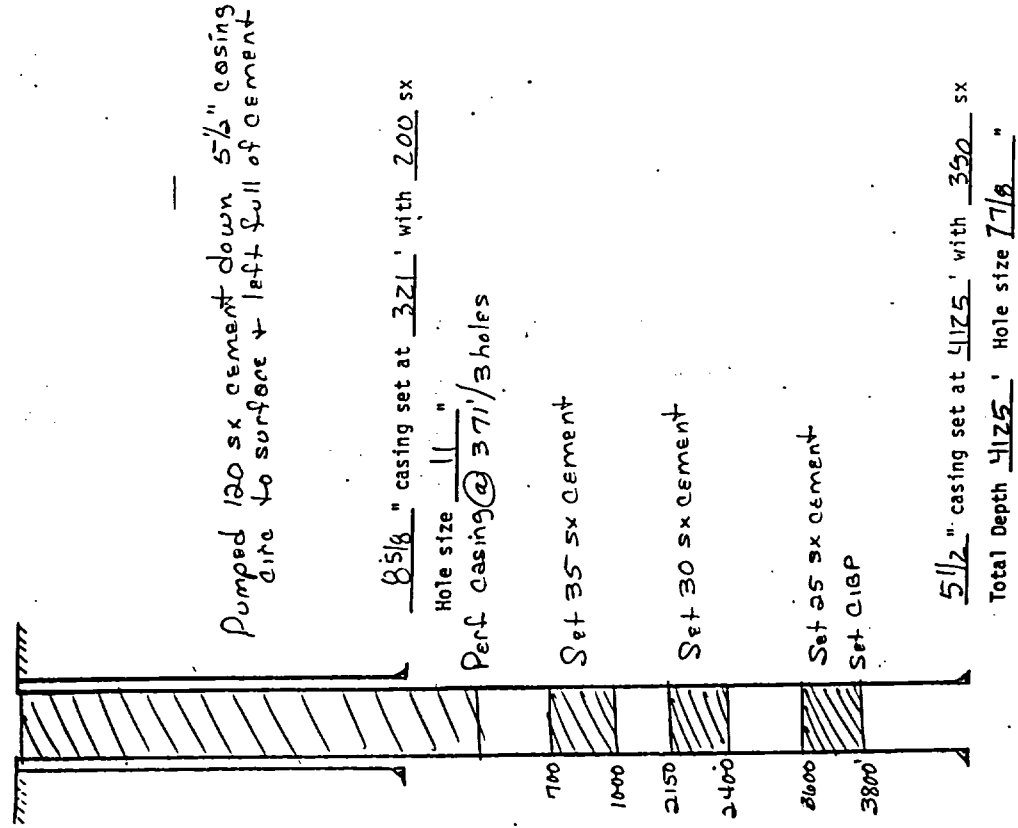
Well Construction Data

Surface Casing Set @ 294'
 Size 8 5/8 " Cemented with 225 sx.
 TOC Surface feet determined by 225
 Hole Size 12 1/4 "
 Intermediate Casing
 Size 12 1/4 " Cemented with 350 sx.
 TOC Surface feet determined by 350
 Hole Size 12 1/4 "
 Long String Set @ 410'
 Size 5 1/2 " Cemented with 350 sx.
 TOC 2312 feet determined by Calculation
 Hole Size 7 7/8 "
 Total Depth 4100
 Injection Interval 4100 feet to 4100 feet
 (perforated or open-hole; Indicate which)
 Tubing Size 2 3/8" lined with 3964 feet set in a 3964 feet
 (type of internal coating)
 Other type of tubing / casing seal if applicable _____
 Other Data _____
 1. Is this a new well drilled for injection? Yes X No _____
 If no, for what purpose was the well originally drilled? _____
Oil Production - P&A 9-14-74
 Wiser plans to re-enter this well and complete as WTW _____
 2. Name of the Injection formation Grayburg-San Andres Vacuum
 3. Name of Field or Pool (if applicable) Maljamar Grayburg San Andres
 4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e., sacks of cement or plug(s) used 3886-96', 3992-96', 4016-20', 4028-36'
 5. Give the names and depths of any over or underlying oil or gas zones (pools) in this area. _____

INJECTION WELL DATA SHEET

OPERATOR	The Wiser Oil Co.	LEASE	Maljamar Grayburg Unit
WELL NO.	#66	1980' FSL, 660' FWL, Unit L	11 17S 32E
FOOTAGE LOCATION		SECTION	TOWNSHIP
RANGE			

Schematic



Well Construction Data

Surface Casing	Set @ 321'
Size	8 5/8" Cemented with 200 sx.
TOC	Surface feet determined by
Hole Size	11"
Intermediate Casing	
Size	" Cemented with sx.
TOC	feet determined by
Hole Size	"
Long String	Set @ 4125'
Size	5 1/2" Cemented with 350 sx.
TOC	2337 feet determined by Calculation
Hole Size	7 7/8"
Total Depth	4125'
Injection Interval	
	feet to feet
	(perforated or open-hole; Indicate which)
Tubing Size	2 3/8" lined with (type of internal coating) set in a
	packer at 3978 feet
Other type of tubing / casing seal if applicable	
Other Data	
1. Is this a new well drilled for injection?	Yes ☒ No ☐
If no, for what purpose was the well originally drilled?	
Oil Production - Conv to WIW 7-28-67 - P&A 10-19-76	
Wiser plans to re-enter this well and complete as WIW	
2. Name of the Injection formation	Grayburg-San Andres Vacuum
3. Name of Field or Pool (if applicable)	Maljamar Grayburg San Andres
4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e., sacks of cement or plug(s) used	3918-28', 4028-32', 4040-44', 4047-57'
5. Give the names and depths of any over or underlying oil or gas zones (pools) in this area.	

INJECTION WELL DATA SHEET

OPERATOR The Wisner Oil Co.

LEASE Maljamar Grayburg Unit

WELL NO. #68

890' FSL, 1810' FWL, Unit N

11

17S

32E

FOOTAGE LOCATION

RANGE

Schematic

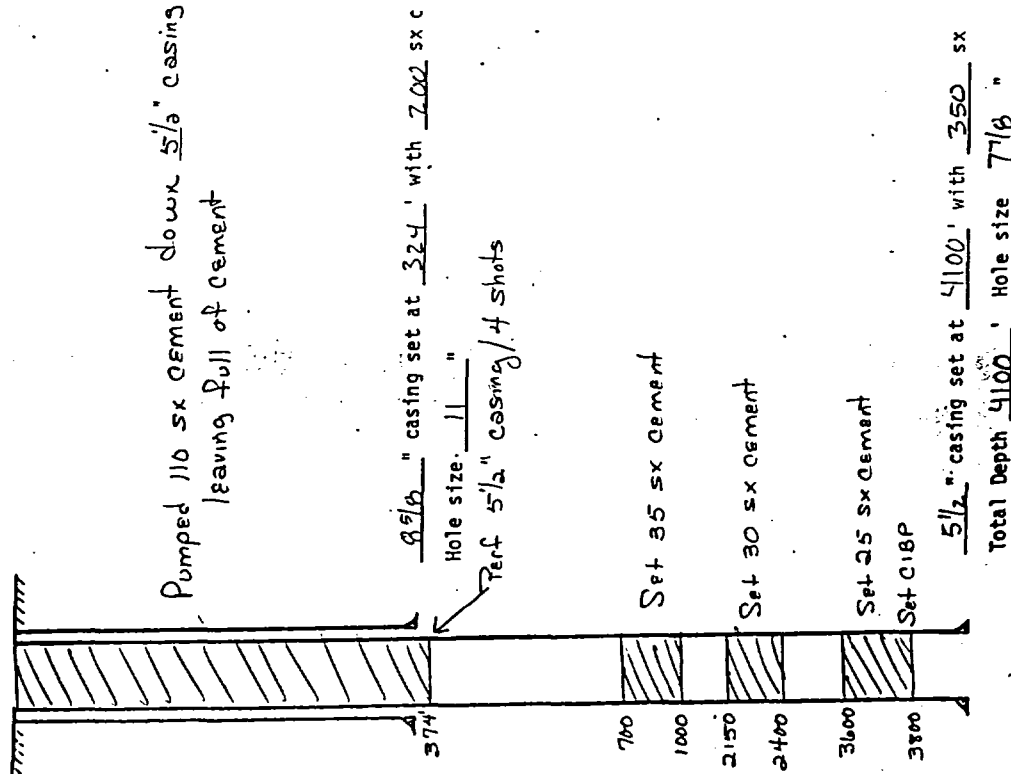
Well Construction Data

Surface Casing Set @ 324'
 Size 8 5/8" Cemented with 200 sx.
 TOC Surface feet determined by
 Hole Size 11"
 Intermediate Casing
 Size " Cemented with sx.
 TOC feet determined by
 Hole Size "
 Long String Set @ 4100'
 Size 5 1/2" Cemented with 350 sx.
 TOC 2312 feet determined by Calculation
 Hole Size 7 7/8"
 Total Depth 4100'
 Injection Interval

(perforated or open-hole; indicate which)
 Tubing Size 2 3/8" lined with set in a
 (type of internal coating) feet
 Other type of tubing / casing seal if applicable

Other Data

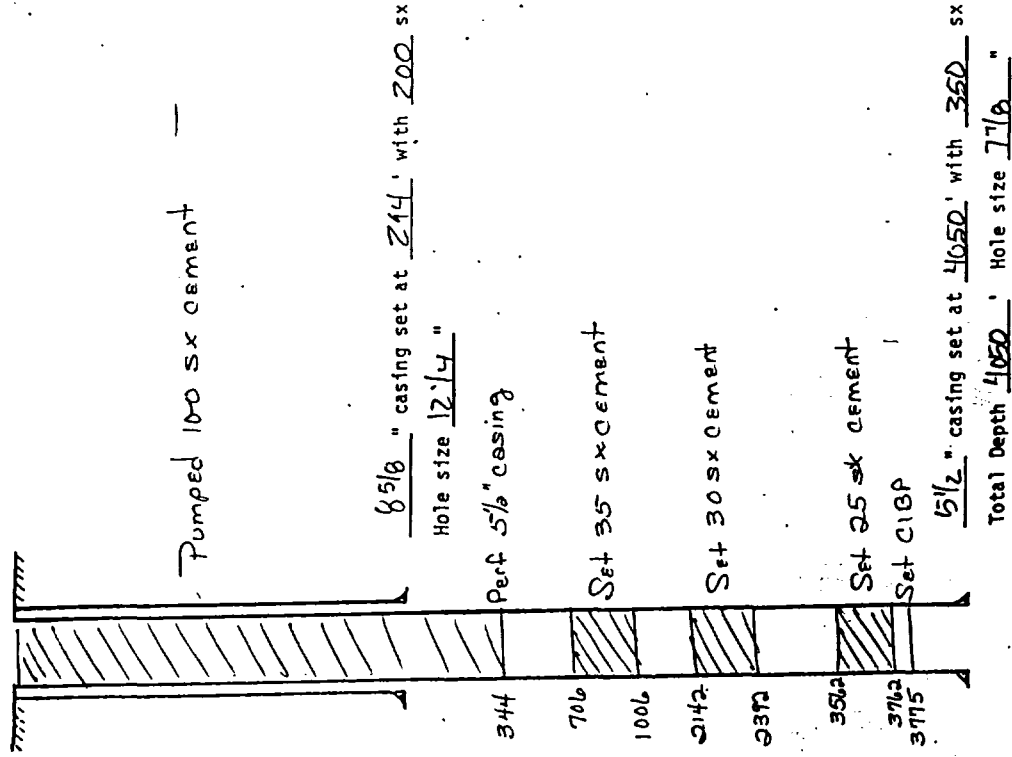
1. Is this a new well drilled for injection? Yes ☒ No ☐
 If no, for what purpose was the well originally drilled?
 Oil Production - Conv to WIW 1-2-64 - P&A 10-20-76
 Wiser plans to re-enter this well and complete as WIW
2. Name of the Injection formation Grayburg-San Andres Vacuum
3. Name of Field or Pool (if applicable) Maljamar Grayburg San Andres
4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e., sacks of cement or plug(s) used 3934-44', 4059-63', 4067-79'
5. Give the names and depths of any over or underlying oil or gas zones (pools) in this area.



INJECTION WELL DATA SHEET

OPERATOR	The Wiser Oil Co.	LEASE	Maljamar Grayburg Unit
WELL NO.	#71	FOOTAGE LOCATION	990' FNL, 660' FWL, Unit D
		SECTION	14
		TOWNSHIP	17S
		RANGE	32E

Schematic



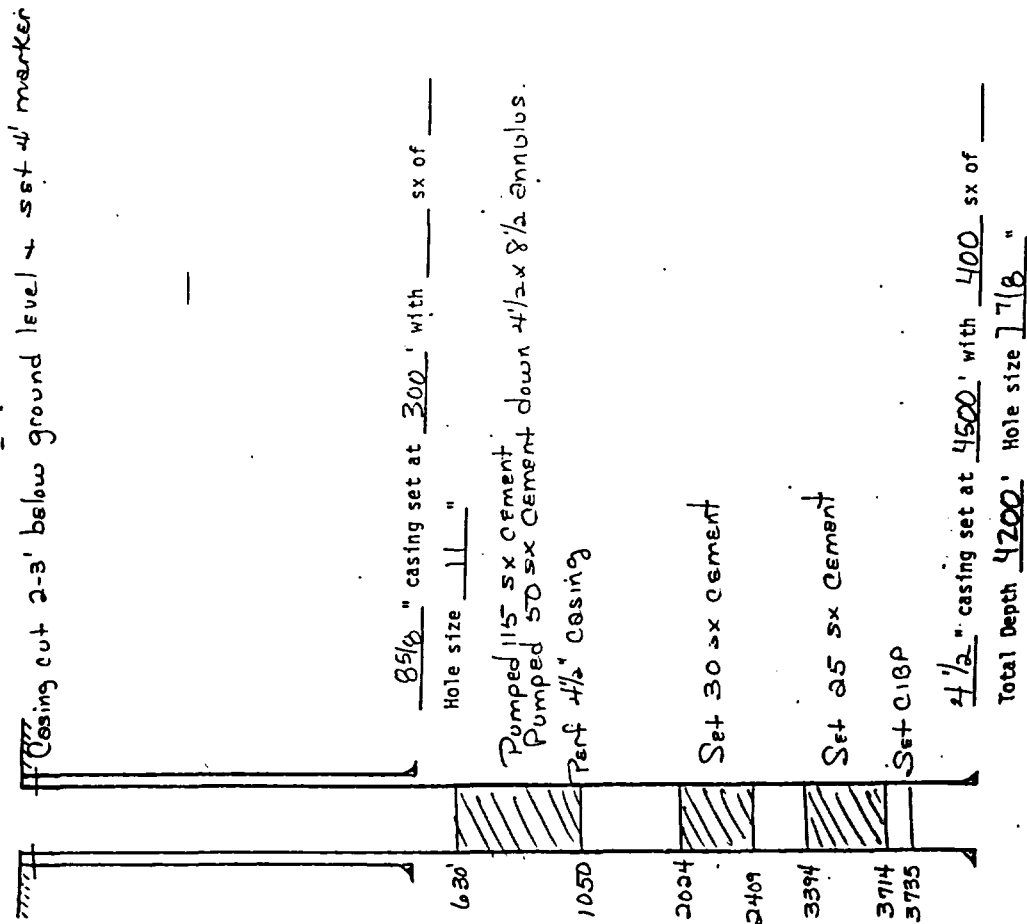
Well Construction Data

Surface Casing	Set @ 294'
Size 8 5/8"	" Cemented with 200 sx.
TOC	Surface feet determined by
Hole Size 12 1/4"	"
Intermediate Casing	
Size	" Cemented with
TOC	feet determined by
Hole Size	"
Long String	Set @ 4050'
Size 5 1/2"	" Cemented with 350 sx.
TOC	2262 feet determined by Calculation
Hole Size	7 7/8
Total Depth	4050
Inflection Interval	feet to feet
(perforated or open-hole; Indicate which)	
Tubing Size 2 3/8"	lined with (type of internal coating) set in a
Other type of tubing / casing seal if applicable packer at 3890 feet	
Other Data	
1. Is this a new well drilled for injection? Yes ☒ No ☐	
If no, for what purpose was the well originally drilled?	
Oil Production - Conv to WIW 7-28-67 - P&A 9-30-76	
Wiser plans to re-enter this well and complete as WIW	
2. Name of the Injection formation Grayburg-San Andres Vacuum	
3. Name of Field or Pool (if applicable) Maljamar Grayburg San Andres	
4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e., sacks of cement or plug(s) used 3856-70', 3892-98', 3972-78', 3988-94', 4003-09'	
5. Give the names and depths of any over or underlying oil or gas zones (pools) in this area.	

INJECTION WELL DATA SHEET

OPERATOR	The Wiser Oil Co.	LEASE	Maljamar Grayburg Unit
WELL NO.	#75	FOOTAGE LOCATION	660' FNL, 1980' FEL, Unit B
		SECTION	15
		TOWNSHIP	17S
		RANGE	32E

Schematic



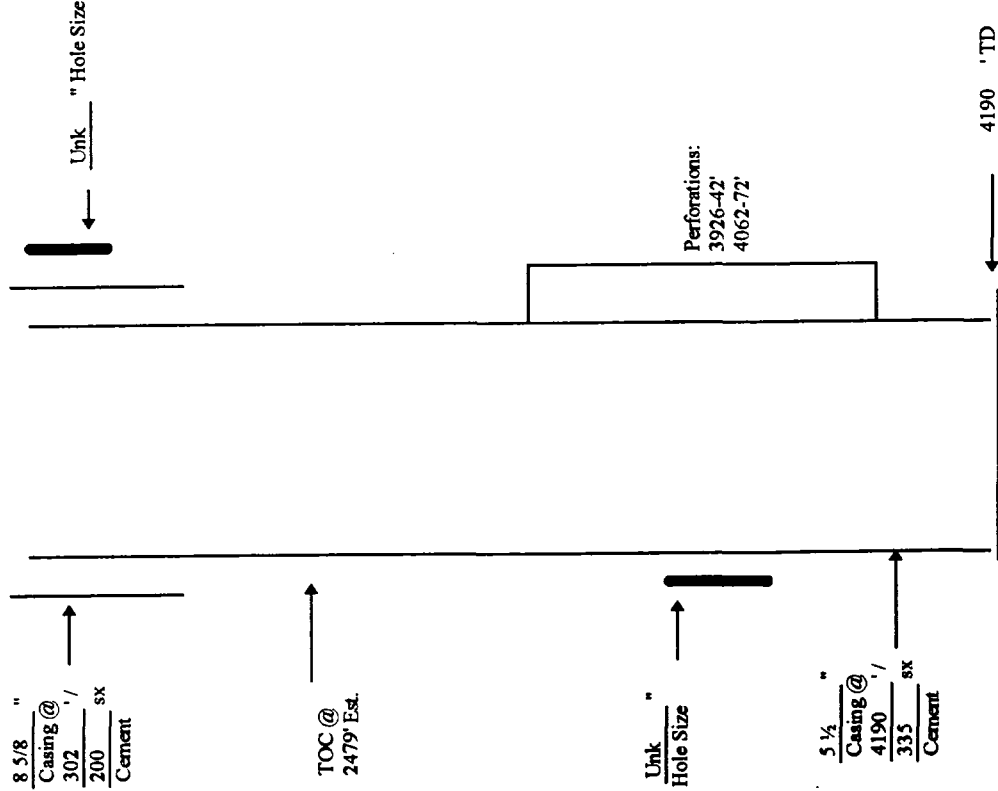
Well Construction Data

Surface Casing	Set @ 300'
Size	8 5/8" Cemented with Unknown sx.
TOC	Surface feet determined by
Hole Size	11"
Intermediate Casing	
Size	" Cemented with sx.
TOC	feet determined by
Hole Size	"
Long String	Set @ 4500'
Size	7 7/8" Cemented with 400 sx.
TOC	2157 feet determined by Calculation
Hole Size	7 7/8"
Total Depth	4200
Injection Interval	feet to feet
	(perforated or open-hole; Indicate which)
Tubing Size	2 3/8" lined with packer at 3898 feet set in a
	(type of internal coating)
Other type of tubing / casing seal if applicable	
Other Data	
1. Is this a new well drilled for injection?	Yes ☒ No ☐
If no, for what purpose was the well originally drilled?	
Oil Production - Conv to WIW 4-22-66 - P&A10-4-76	
Wiser plans to re-enter this well and complete as WIW	
2. Name of the Injection formation	Grayburg-San Andres Vacuum
3. Name of Field or Pool (if applicable)	Maljamar Grayburg San Andres
4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e., sacks of cement or plug(s) used	3809-79', 3903-93', 4133-35'
5. Give the names and depths of any over or underlying oil or gas zones (pools) in this area.	

INJECTION WELL DATA SHEET

OPERATOR The Wiser Oil Co. LEASE Maljamar Grayburg Unit
 WELL NO. #77 2310' FNL, 660' FEL, Unit H 15 17S 32E
 FOOTAGE LOCATION SECTION TOWNSHIP RANGE

Schematic



Well Construction Data

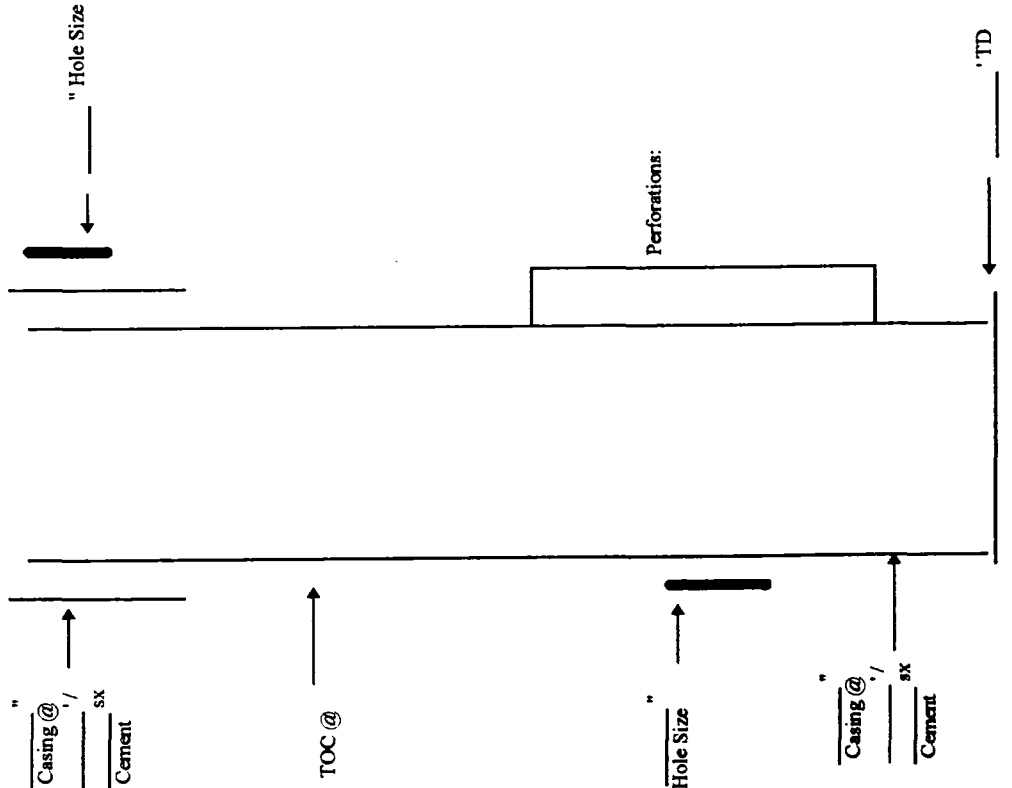
Surface Casing Set @ 302' 8 5/8" Cemented with 200 sx.
TOC Surface feet determined by "
Hole Size Unknown
Intermediate Casing
Size " Cemented with sx.
TOC feet determined by "
Hole Size "
Long String Set @ 4190' 5 1/2" Cemented with 335 sx.
TOC 2479 feet determined by Calculation
Hole Size Unknown/Estimated to be 7 7/8"
Total Depth 4190
Injection Interval 3926 feet to 4072 feet
 (perforated or open-hole; Indicate which)
Tubing Size 2 3/8" lined with (type of internal coating) 3900 feet
 set in a Other type of tubing / casing seal if applicable
Other Data
 1. Is this a new well drilled for injection? Yes X No
 If no, for what purpose was the well originally drilled? Oil Production - Converted to WIW 5-8-67

- Name of the Injection formation Grayburg-San Andres Vacuum
- Name of Field or Pool (if applicable) Maljamar Grayburg San Andres
- Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e., sacks of cement or plug(s) used 3926-42', 4062-72'
- Give the names and depths of any over or underlying oil or gas zones (pools) in this area.

INJECTION WELL DATA SHEET

OPERATOR	The Wiser Oil Co.	LEASE	Maljamar Grayburg Unit
WELL NO.	#152 (Drilling is Pending) (Replaces MGBU #16)	2005' FNL, 2152' FWL, Unit F	
		FOOTAGE LOCATION	
		SECTION	4
		TOWNSHIP	17S
		RANGE	32E

Schematic



Well Construction Data

Surface Casing	Set @	
Size	" Cemented with	SX.
TOC	feet determined by	"
Hole Size		"
Intermediate Casing		
Size	" Cemented with	SX.
TOC	feet determined by	"
Hole Size		"
Long String	Set @	
Size	" Cemented with	SX.
TOC	feet determined by	"
Hole Size		"
Total Depth		
Injection Interval		
	feet to	feet
	(perforated or open-hole; Indicate which)	
Tubing Size	lined with	set in a
	packer at	feet
	(type of internal coating)	
Other type of tubing / casing seal if applicable		
Other Data		
1. Is this a new well drilled for injection?	☒ Yes	☐ No
If no, for what purpose was the well originally drilled?	Drilling is Pending	

- Name of the Injection formation Grayburg-San Andres Vacuum
- Name of Field or Pool (if applicable) Maljamar Grayburg San Andres
- Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e., sacks of cement or plug(s) used
- Give the names and depths of any over or underlying oil or gas zones (pools) in this area.

OPERATOR	The Wiser Oil Co.	LEASE	Maljamar Grayburg Unit		
WELL NO.	#153 (Drilling is Pending) (Replaces MGBU #26)	672' FSL, 2162' FWL, Unit N	4	17S	32E
		FOOTAGE LOCATION	SECTION	TOWNSHIP	RANGE

Casing @ " / sx

Cement " / sx

TOC @ " / sx

Surface Casing

Size " Cemented with sx.

TOC " feet determined by "

Hole Size " "

Intermediate Casing

Size " Cemented with sx.

TOC " feet determined by "

Hole Size " "

Long String

Size " Cemented with sx.

TOC " feet determined by "

Hole Size " "

Total Depth "

Injection Interval "

" Hole Size

_____ feet to _____ feet
(perforated or open-hole; Indicate which)
Tubing Size _____ lined with _____
set in a _____

(type of internal coating)

Other type of tubing / casing seal if applicable

Other Data

1. Is this a new well drilled for injection? X Yes _____ No _____
If no, for what purpose was the well originally drilled?
Drilling is Pending

2. Name of the Injection formation Gravburg-San Andres Vacuum
3. Name of Field or Pool (if applicable) Maljamar Gravburg San Andres
4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e., sacks of cement or plug(s) used
5. Give the names and depths of any over or underlying oil or gas zones (pools) in this area.

INJECTION WELL DATA SHEET

OPERATOR The Wiser Oil Co. LEASE Maljamar Grayburg Unit
 WELL NO. #154 (Drilling is Pending) (Replaces MGBU #22) 1980' FSL, 990' FWL, Unit L 4 17S 32E
 FOOTAGE LOCATION SECTION TOWNSHIP RANGE

Schematic

Well Construction Data

Surface Casing
 Size _____ Set @ _____
 TOC _____ " Cemented with _____ sx.
 Hole Size _____ feet determined by _____
Intermediate Casing
 Size _____ " Cemented with _____ sx.
 TOC _____ feet determined by _____
 Hole Size _____ "
Long String
 Size _____ Set @ _____
 TOC _____ " Cemented with _____ sx.
 Hole Size _____ feet determined by _____
 Total Depth _____ "
 Injection Interval _____ feet to _____ feet
 (perforated or open-hole; Indicate which)

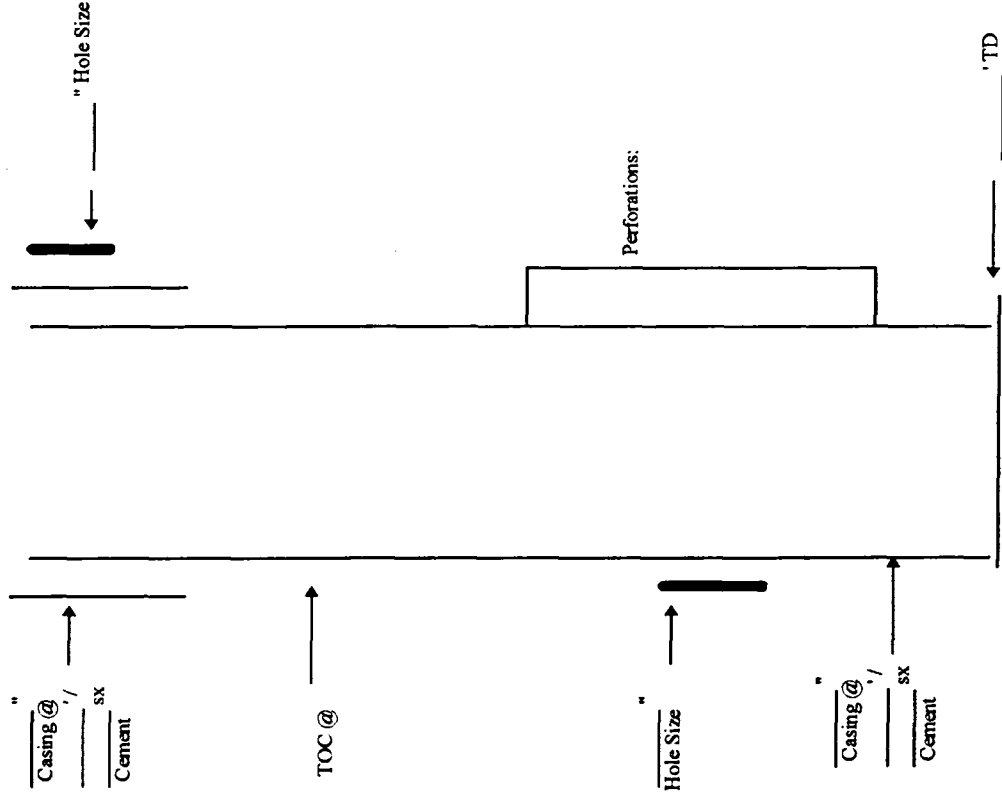
Tubing Size _____ lined with _____ set in a _____
 (type of internal coating) _____ feet

Other type of tubing / casing seal if applicable _____ feet

Other Data

- Is this a new well drilled for injection? ☒ Yes ☐ No
 If no, for what purpose was the well originally drilled?
 Drilling is Pending

- Name of the Injection formation Grayburg-San Andres Vacuum
- Name of Field or Pool (if applicable) Maljamar Grayburg San Andres
- Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e., sacks of cement or plug(s) used
- Give the names and depths of any over or underlying oil or gas zones (pools) in this area.



Maljamar Grayburg Unit **Lea County, New Mexico**

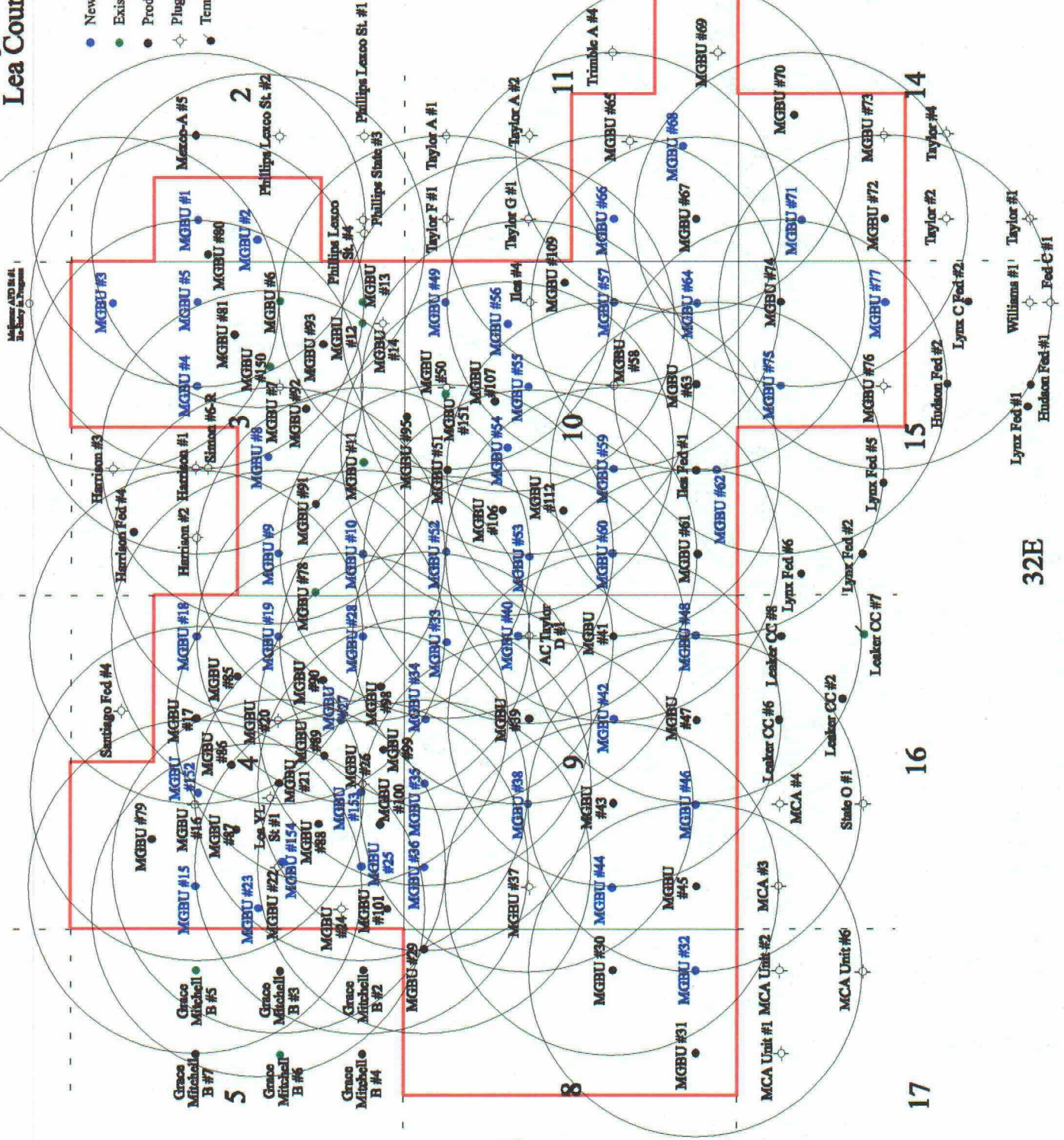
- New Water Injection Well
- Existing Water Injection Well
- Producing Oil Well
- ◇ Plugged and Abandoned Well
- Temporarily Abandoned Well

35

34

33

32



17S

32E

17

16

C-108
APPLICATION FOR AUTHORIZATION TO INJECT

MALJAMAR GRAYBURG UNIT

V. AREA OF REVIEW

The attached maps show all wells and leases within two miles of the proposed injection wells with a one-half mile radius circle drawn around each proposed injection well.