maralo inc.

February 18, 1985

New Mexico Oil Conservation Commission
P. O. Box 2088
Santa Fe, New Mexico 87501

Re: Jalmat Yates Unit, Div. Order # R-5816
Well No's. 1 & 2
Section 12, T-25-S, R-36-E
Lea County, New Mexico

Dear Sir:

Attached for your consideration is Maralo's application for administrative approval to inject water for purpose of secondary recovery in the above referenced wells in the Jalmat Yates Unit.

Well number 1 is currently producing 2 BOPD + 83 BWPD and well number 2 is currently producing 4 BOPD + 60 BWPD. It is our proposal that the wells be re-completed from oil wells to water injection wells. The wells will serve the unit more effectively flooding the north end of the unit. The oil swept by this injection that is produced by other producers will more than compensate for the small production lost by converting the wells. Injection will be limited to the top 100' of the Yates which occurs at 2860'. The average injection pressure will be 100 psi with a maximum of 600 psi and injection will be at an average daily rate of 500 barrels of water with a maximum of 1,000 barrels of water per day. The system will be a closed system and the source of water to be injected will be produced from water supply wells located within a mile of the injection wells. The water supply wells are spotted on the attached map in red. A chemical analysis of fresh water from the supply wells is attached.

The Yates zone (the zone of injection) is made up of several series of sand, shale and carbonates and is approximately 300' thick. The overlying sources of underground drinking water can be found at a total depth of 525'.

The zone of injection will be stimulated by acidizing with approximately 3000 gals 15% NE acid.

All logs for the wells have been previously submitted to the New Mexico Oil Conservation Commission. If there are any questions or you need any further information, please let me know.

Yours truly,

Brenda Coffman

Brenda Coffman
Agent

BC

March 18, 1985

I, Brenda Coffman, do hereby certify that a copy of our Application For Authorization To Inject for purpose of secondary recovery (Form C-108) has been sent by way of certified mail to the surface owner and each of the Leasehold Operators per the attached list. A copy of the certified receipt is attached.

Jalmat Yates Unit, Division Order # R-5816
Well #'s 1 & 2
Section 12, T-25-S, R-36-E
Lea County, New Mexico

Brenda Coffman

Brenda Coffman, Agent

P 639 385 270

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED
NOT FOR INTERNATIONAL MAIL

(See Reverse)

Sent to J. F. Bryant, etal	
Street and No. Drawer D	
P.O., State and ZIP Code Jal, NM	
Postage	$.39
Certified Fee	.75
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to whom and Date Delivered	.60
Return receipt showing to whom, Date, and Address of Delivery	
TOTAL Postage and Fees	$1.74
Postmark or Date	

★ U.S.G.P.O. 1983-403-517

PS Form 3800, Feb. 1982

P 639 385 269

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED
NOT FOR INTERNATIONAL MAIL

(See Reverse)

Sent to Doyle Hartman	
Street and No. P.O. Box 10426	
P.O., State and ZIP Code Midland, TX 79701	
Postage	$ .39
Certified Fee	.75
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to whom and Date Delivered	.60
Return receipt showing to whom, Date, and Address of Delivery	
TOTAL Postage and Fees	$ 1.74
Postmark or Date	

PS Form 3800, Feb. 1982

★ U.S.G.P.O. 1983-403-517

P 639 385 268

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED
NOT FOR INTERNATIONAL MAIL

(See Reverse)

Sent to Arco Oil & Gas Co.	
Street and No P.O. Box 1610	
P.O., State and ZIP Code Midland, TX 79702	
Postage	$ .39
Certified Fee	.75
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to whom and Date Delivered	.60
Return receipt showing to whom, Date, and Address of Delivery	
TOTAL Postage and Fees	$ 1.74
Postmark or Date	

★ U.S.G.P.O. 1983-403-517

PS Form 3800, Feb. 1982

P 639 385 265

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED
NOT FOR INTERNATIONAL MAIL

(See Reverse)

Sent to Conoco, Inc.	
Street and No. P.O. Box 2197	
P.O., State and ZIP Code Houston, TX 77252	
Postage	$ .39
Certified Fee	.75
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to whom and Date Delivered	.60
Return receipt showing to whom, Date, and Address of Delivery	
TOTAL Postage and Fees	$1.74
Postmark or Date	

PS Form 3800, Feb. 1982

★ U.S.G.P.O. 1983-403-517

P 639 385 264

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED
NOT FOR INTERNATIONAL MAIL

(See Reverse)

Sent to Tenneco Oil Expl. & Prod.	
Street and No. 1010 Milam	
P.O., State and ZIP Code Houston, TX 77001	
Postage	$ .30
Certified Fee	.75
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to whom and Date Delivered	.60
Return receipt showing to whom, Date, and Address of Delivery	
TOTAL Postage and Fees	$ 1.74
Postmark or Date	

PS Form 3800, Feb. 1982

★ U.S.G.P.O. 1983-403-517

P 639 385 263

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED
NOT FOR INTERNATIONAL MAIL

(See Reverse)

Sent to Worldwide Energy Corp.	
Street and No. 1700 Lincoln, S-4400	
P.O., State and ZIP Code Denver, CO 80203	
Postage	$ .39
Certified Fee	.75
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to whom and Date Delivered	.60
Return receipt showing to whom, Date, and Address of Delivery	
TOTAL Postage and Fees	$ 1.74
Postmark or Date	

PS Form 3800, Feb. 1982

★ U.S.G.P.O. 1983-403-517

P 639 385 262

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED
NOT FOR INTERNATIONAL MAIL

(See Reverse)

Sent to Dalport Oil Corp.	
Street and No. 3471 1st Nat'l Bank Bld	
P.O., State and ZIP Code Dallas, TX 75202	
Postage	$ .39
Certified Fee	.75
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to whom and Date Delivered	.60
Return receipt showing to whom, Date, and Address of Delivery	
TOTAL Postage and Fees	$ 1.74
Postmark or Date	

★ U.S.G.P.O. 1983-403-517

PS Form 3800, Feb. 1982

P 639 385 260

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED
NOT FOR INTERNATIONAL MAIL

(See Reverse)

Sent to Tahoe Oil & Cattle Co.	
Street and No. P.O. Box 3084	
P.O., State and ZIP Code Midland, TX 79702	
Postage	$ .39
Certified Fee	.75
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to whom and Date Delivered	.60
Return receipt showing to whom, Date, and Address of Delivery	
TOTAL Postage and Fees	$ 1.74
Postmark or Date	

PS Form 3800, Feb. 1982

★ U.S.G.P.O. 1983-403-517

P 639 385 261

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED
NOT FOR INTERNATIONAL MAIL

(See Reverse)

Sent to	Flag Redfern Oil Co.
Street and No.	1200 Wall Towers West
P.O., State and ZIP Code	Midland, TX 79702
Postage	$ .39
Certified Fee	.75
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to whom and Date Delivered	.60
Return receipt showing to whom, Date, and Address of Delivery	
TOTAL Postage and Fees	$ 1.74
Postmark or Date	

★ U.S.G.P.O. 1983-403-517

PS Form 3800, Feb. 1982

JALMAT YATES UNIT
WELL NO'S 1 & 2
LEA COUNTY, NEW MEXICO

SURFACE OWNER

J. F. Bryant, etal
Drawer D
Jal, New Mexico 88252

LEASEHOLD OPERATORS WITHIN ½ MILE RADIUS

Doyle Hartman
P. O. Box 10426
Midland, Texas 79701

Arco Oil & Gas Company
P. O. Box 1610
Midland, Texas 79702

Conoco, Inc.
P. O. Box 2197
Houston, Texas 77252

Tenneco Oil Exploration & Production
1010 Milam
P.O. Box 2511
Houston, Texas 77001

Worldwide Energy Corp.
One United Bank Center
1700 Lincoln, Ste. 4400
Denver, Colorado 80203

Dalport Oil Corporation
3471 First National Bank Building
Dallas, Texas 75202

Flag Redfern Oil Company
P. O. Box 11050
1200 Wall Towers West
Midland, Texas 79702

Tahoe Oil & Cattle Company
P. O. Box 3084
4402 W. Industrial
Midland, Texas 79702

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION
POST OFFICE BOX 2088
STATE LAND OFFICE BUILDING
SANTA FE, NEW MEXICO 87501

FORM C-108
Revised 7-1-81

APPLICATION FOR AUTHORIZATION TO INJECT

I. Purpose: [X] Secondary Recovery [ ] Pressure Maintenance [ ] Disposal [ ] Storage
Application qualifies for administrative approval? [X] yes [ ] no

II. Operator: Maralo, Inc.

Address: P. O. Box 832,Midland, Texas 79702 0832

Contact party: Brenda Coffman Phone: 915 684-7441

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? [X] yes [ ] no
If yes, give the Division order number authorizing the project R-5816.

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: Brenda Coffman Title Agent

Signature: Brenda Coffman Date: 3-18-85

* 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.

DISTRIBUTION: Original and one copy to Santa Fe with one copy to the appropriate Division district office.

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;

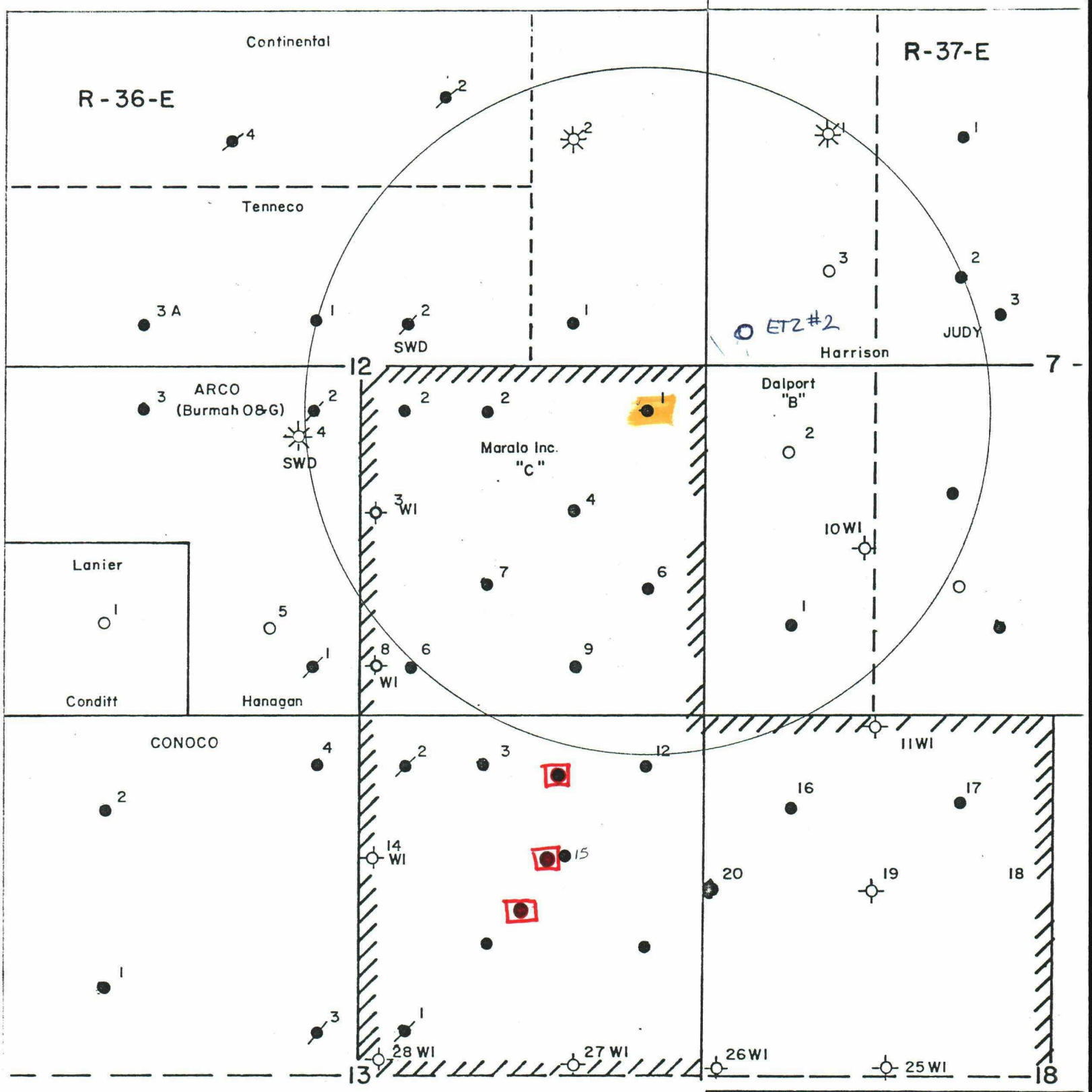
(2) the intended purpose of the injection well; with the exact location of single wells or the section, township, and range location of multiple wells;

(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.



LEGEND

/// JALMAT WATERFLOOD UNIT BORDER

WI WATER INJECTOR

WATER SUPPLY WELL

MARALO INC.

PROPOSED CONVERSION OF WELL NO. 1 TO WATER INJECTION JALMAT WATERFLOOD UNIT LEA COUNTY, NEW MEXICO

DATE. 1-20-85	DRWN.BY: FALCON
SCALE: 1" = 1000'	DRWG. NO. M-334

AFFIDAVIT OF PUBLICATION

State of New Mexico,

County of Lea.

I, _____

Robert L. Summers

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

of _____

One weeks.

Beginning with the issue dated

November 5, 1984

and ending with the issue dated

November 5, 1984

Robert L Summers
Publisher.

Sworn and subscribed to before me this 15 day of January, 1985

Vera Murphy
Notary Public.

My Commission expires

Nov. 14, 1988
(Seal)

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

LEGAL NOTICE
November 5, 1984

NOTICE OF APPLICATION FOR APPROVAL TO INJECT WATER FOR PURPOSE OF SECONDARY RECOVERY,

Maralo, Inc. of P.O. Box 832, Midland, Texas 79702, Telephone #915 684-9441, is applying to the Oil Conservation Commission for a permit to inject water into the Jalmat Yates Unit Well # one (1), for the purpose of secondary recovery. The well is located in the NE/4 of the SE/4 of Section 12, T-25-S, R-36-E, Lea County, New Mexico, and is 330' FNL and 1650' FEL of the section. Injection will occur at a depth of from 2917 to 3010 in the Yates formation, with a maximum injection rate of 500 B/day and a pressure of 1000 psi.

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.

Martin Water Laboratories, Inc.
WATER CONSULTANTS SINCE 1953
BACTERIAL AND CHEMICAL ANALYSES

P. O. BOX 1468
MONAHANS, TEXAS 79756
PH. 943-3234 OR 563-1040

709 W. INDIANA
MIDLAND, TEXAS 79701
PHONE 683-4521

November 11, 1980

Mr. R. A. Lowery
Maralo, Inc.
P.O. Box 832
Midland, TX 79702

Subject: Recommendations relative to analysis #118064 (11-11-80) - Jalmat Yates Unit.

Dear Mr. Lowery:

The objective of this analytical study is to evaluate the compatibility potential between the three waters represented. The factors of concern in this regard are as follows:

1. We have encountered a comparatively high pH level in the Jalmat Yates which we question is representative of the natural water. We also suspect the Tenneco water has an artificially high pH. This can frequently occur as a result of the loss of carbon dioxide during sampling. The concern here is the potential calcium carbonate scaling tendency of the waters (especially the Jalmat Yates) and consequently the combinations. However, this is not an incompatibility in that a combination of waters would likely have less tendency to scale than the individual water samples herein represented.

2. In our efforts to compare the results to identify any potential incompatibility, we do not see any in these waters. However, this needs to be qualified in that if there is any oxygen in the supply water (which we could not test for on this sample), it will create an incompatibility in the form of oxidation of sulfide in the produced waters which would cause the precipitation of elemental sulfur and greatly accelerate corrosiveness.

In summary of the above, we find the primary concern to be in regard to oxygen in the supply water. If the oxygen is absent or can be chemically eliminated, then we consider the waters clearly compatible.

Very truly yours,

Waylan C. Martin

WCM/md

Oxygen is being controlled by a gas blanket.
Brenda Coffman
12-13-82

P. O. BOX 1468
MCNAHANS, TEXAS 79756
PHONE 943-3234 OR 563-1040

Martin Water Laboratories, Inc

709 W. INDIANA
MIDLAND, TEXAS 79701
PHONE 683-4521

RESULT OF WATER ANALYSES

LABORATORY NO. 118064 (corrected copy)

TO: Mr. R. A. Lowery
P.O. Box 832, Midland, Texas

SAMPLE RECEIVED 11-10-80

RESULTS REPORTED 11-11-80

COMPANY Maralo, Inc. LEASE Jalmat Yates Unit

FIELD OR POOL Jalmat

SECTION ___ BLOCK ___ SURVEY ___ COUNTY Lea STATE New Mexico

SOURCE OF SAMPLE AND DATE TAKEN:

NO. 1 Composite supply water - taken from water well supply #1 & #2.

NO. 2 Produced water - taken from Jalmat Yates Unit #1.

NO. 3 Produced water - taken from Tenneco's E. J. wells #3 & #4.

NO. 4 Produced water - taken from Appollo Oil Company's Brown #5-A.

REMARKS:

CHEMICAL AND PHYSICAL PROPERTIES	NO. 1	NO. 2	NO. 3	NO. 4
Specific Gravity at 60° F.	1.0020	1.0208	1.0078	1.0057
pH When Sampled				
pH When Received	7.54	8.08	7.50	7.51
Bicarbonate as HCO_3	378	878	1,305	1,903
Supersaturation as $CaCO_3$	14	125	420	250
Undersaturation as $CaCO_3$	–	–	–	–
Total Hardness as $CaCO_3$	268	7,850	2,975	1,680
Calcium as Ca	40	260	780	336
Magnesium as Mg	41	1,750	249	204
Sodium and/or Potassium	189	6,614	1,315	1,678
Sulfate as SO_4	248	2,967	1,691	252
Chloride as Cl	78	12,996	2,131	2,486
Iron as Fe	0.89	2.8	0.30	0.04
Barium as Ba				
Turbidity, Electric				
Color as Pt				
Total Solids, Calculated	974	25,525	7,471	6,859
Temperature °F.				
Carbon Dioxide, Calculated				
Dissolved Oxygen, Winkler				
Hydrogen Sulfide	0.0	35.0	375	850
Resistivity, ohms/m at 77° F.	8.20	0.290	0.750	0.810
Suspended Oil				
Filtrable Solids as mg/l				
Volume Filtered, ml				
Carbonate, as CO_3	0	60	0	0

Results Reported As Milligrams Per Liter

Additional Determinations And Remarks: Letter of recommendation attached.

Form No. 3

By _____

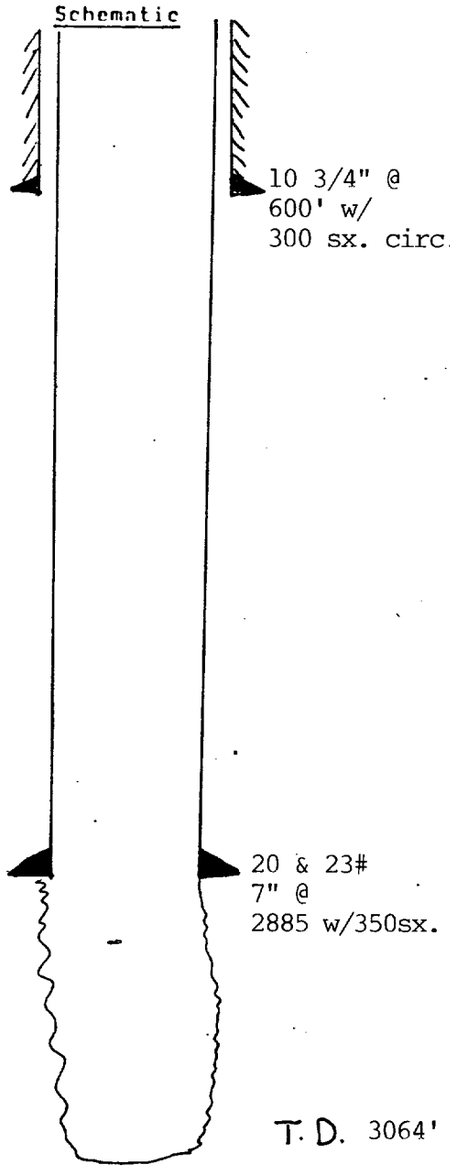
Waylan C. Martin, M. A.

INJECTION WELL DATA SHEET

INJECTION WELL

OPERATOR	LEASE			
MARALO, INC.	JALMAT YATES UNIT			
WELL NO.	FOOTAGE LOCATION	SECTION	TOWNSHIP	RANGE
2	330' FNL & 1650' FEL	12	25-S	36-E

Schematic



Tabular Data

Surface Casing

Size 10 3/4" Cemented with 250 sx.

TOC Surface feet determined by observation

Hole size 12"

Intermediate Casing

Size _____" Cemented with _____ sx.

TOC _____ feet determined by _____

Hole size _____

Long string

Size 5 1/2" Cemented with 350 sx.

TOC - feet determined by -

Hole size 7"

Total depth 3064'

Injection interval

2917 feet to 3010 feet - open hole
(perforated or open-hole, indicate which)

Tubing size 2 3/8" lined with fiber glass (material) set in a

Baker AD - 1 nickel plated (brand and model) packer at 2800 feet

(or describe any other casing-tubing seal).

Other Data

1. Name of the injection formation Yates

2. Name of Field or Pool (if applicable) Jalmat Yates Unit

3. Is this a new well drilled for injection? [ ] Yes [X] No

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

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used) no

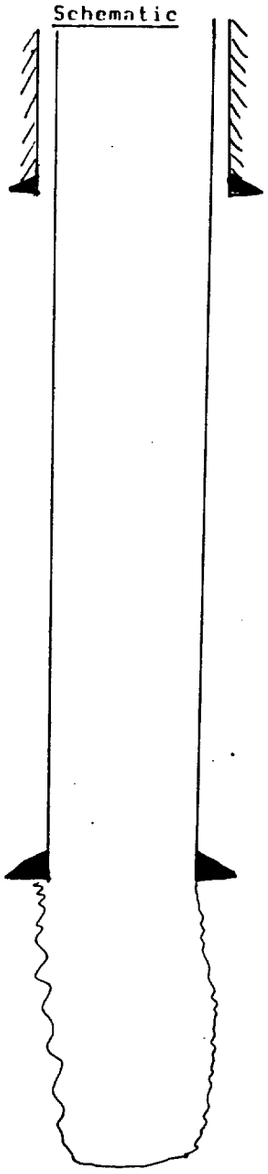
5. Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area. Seven Rivers (now depleted)

INJECTION WELL DATA SHEET

INJECTION WELL

OPERATOR	LEASE			
MARALO, INC.	JALMAT YATES UNIT			
WELL NO.	FOOTAGE LOCATION	SECTION	TOWNSHIP	RANGE
1	2310' FNL & 330' FEL	12	25-S	36-E

Schematic



Tabular Data

Surface Casing

Size 10 3/4" Cemented with 300 sx.

TOC Surface feet determined by observation

Hole size 12"

Intermediate Casing

Size _____" Cemented with _____ sx.

TOC _____ feet determined by _____

Hole size _____

Long string

Size 7" Cemented with 350 sx.

TOC 2808 feet determined by Temp. Survey

Hole size 9"

Total depth 3500'

Injection interval

2917 feet to 3010 feet - open hole
(perforated or open-hole, indicate which)

Tubing size 2 3/8" lined with fiber glass (material) set in a

Baker AD - 1 nickel plated (brand and model) packer at 2800 feet

(or describe any other casing-tubing seal).

Other Data

1. Name of the injection formation Yates

2. Name of Field or Pool (if applicable) Jalmat Yates Unit

3. Is this a new well drilled for injection? [ ] Yes [X] No

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

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used) no

5. Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area. Seven Rivers (now depleted)

INJECTION WELL DATA SHEET

OPERATOR	LEASE			
Worldwide Energy Corp.	E.J.Wells			
WELL NO.	FOOTAGE LOCATION	SECTION	TOWNSHIP	RANGE
#1	2310'FNL & 990'FEL	12	25-S	36-E

Unit Letter"H"

Schematic

Date Completed 4/25/52

T & A Status

Tabular Data

Surface Casing

Size 9 5/8" Cemented with 325 sx.

TOC NA feet determined by NA

Hole size NA

Intermediate Casing

Size 5 1/2" Cemented with 350 sx.

TOC NA feet determined by NA

Hole size NA

Long string

Size _____" Cemented with _____ sx.

TOC _____ feet determined by _____

Hole size _____

Total depth 3059

Injection interval

2950 feet to 3059 feet

(perforated or open-hole, indicate which)

Tubing size NA lined with NA (material) set in a

NA (brand and model) packer at NA feet

(or describe any other casing-tubing seal).

Other Data

1. Name of the injection formation _____

2. Name of Field or Pool (if applicable) Jalmat

3. Is this a new well drilled for injection? /_/ Yes /X/ No

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

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used) No

5. Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area. _____

INJECTION WELL DATA SHEET

OPERATOR	LEASE			
Tenneco Oil Co.	E.J.Wells			
WELL NO.	FOOTAGE LOCATION	SECTION	TOWNSHIP	RANGE
#1	2310'FNL &2310'FWL	12	25-S,	36-E

Unit letter "F"

Schematic

Date completed 7/5/52
As of 7/18/84,still active.

Tabular Data

Surface Casing

Size 12 1/2 " Cemented with 200 sx.

TOC surfaces feet determined by circulation

Hole size --

Intermediate Casing

Size 9 5/8 " Cemented with 700 sx.

TOC surface feet determined by circulation

Hole size --

Long string

Size 5 1/2 " Cemented with 100 sx.

TOC _____ feet determined by _____

Hole size 7

Total depth 3346

Injection interval

2924 feet to 3051 feet
(perforated or open-hole, indicate which)

Tubing size _____ lined with _____ (material) set in a

_____ (brand and model) packer at _____ feet

(or describe any other casing-tubing seal).

Other Data

1. Name of the injection formation _____

2. Name of Field or Pool (if applicable) Jalmat

3. Is this a new well drilled for injection? [ ] Yes [X] No

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

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used) No.

5. Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area. _____

INJECTION WELL DATA SHEET

OPERATOR	LEASE			
Dalport Oil Corp.	O.C.Winters "B"			
WELL NO.	FOOTAGE LOCATION	SECTION	TOWNSHIP	RANGE
#2	1650'FSL & 1939'FWL	7	25-S	36-E

Schematic

Date Completed: 6/20/55
Converted to Inj.well 2/24/71.

Pulled rods & tubing,ran sand pump.Cleaned out to 3368'w/sand pump.
Ran 103 jts. 2 3/8"EUE cmt.lined tubing & 5 1/2"Baker Model"AD" Tension Packer.Set packer at 3202"w/14,000#tension.
Placed inhibited fresh wtr.in csg. annulus.

Tabular Data

Surface Casing

Size 8 5/8 " Cemented with 200 sx.

TOC Surface feet determined by Circulated

Hole size 11"

Intermediate Casing

Size _____ " Cemented with _____ sx.

TOC _____ feet determined by _____

Hole size _____

Long string

Size 5 1/2 " Cemented with 200 sx.

TOC _____ feet determined by _____

Hole size 7 7/8"

Total depth 3358

Injection interval

3298 feet to 3358 feet
(perforated or open-hole, indicate which)

Production Perfs.(Queen 3268-3362)

Tubing size 2 3/8 lined with Cement (material) set in a

Baker Model "AD" tension (brand and model) packer at 3202 feet

(or describe any other casing-tubing seal).

Other Data

1. Name of the injection formation _____

2. Name of Field or Pool (if applicable) Jalmat

3. Is this a new well drilled for injection? /__/ Yes /X/ No

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

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used) Perf intervals;(2925-2934) (2952-2958)(2968-2978)(2987-2998-2998)(3007-3014)(3044-3058)(3115-3126)(Ran Baker retrievable bridge plug on tubing to 3170' then pulled tubing,cleaned to TD,then pulled BP,then put back on production.

5. Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area. _____

INJECTION WELL DATA SHEET

OPERATOR	LEASE			
Dalport (Humble)	Clydia C. Winters,etal."B			
WELL NO.	FOOTAGE LOCATION	SECTION	TOWNSHIP	RANGE
#2	1980'FSL&660'FWL	7	25-S	37-E

Unit letter"L"

Schematic

Date Completed:8/15/51
Status: Active

Tabular Data

Surface Casing

Size 8 5/8" Cemented with 150 sx.

TOC Surface feet determined by Circulated

Hole size 11"

Intermediate Casing

Size _____" Cemented with _____ sx.

TOC _____ feet determined by _____

Hole size _____

Long string

Size 5 1/2" Cemented with 900 sx.

TOC _____ feet determined by _____

Hole size 7 7/8

Total depth 3034

Injection interval

2950 feet to 3034 feet
(perforated or open-hole, indicate which)

Tubing size NA lined with NA (material) set in a

NA (brand and model) packer at NA feet

(or describe any other casing-tubing seal).

Other Data

1. Name of the injection formation _____

2. Name of Field or Pool (if applicable) Jalmat

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

   If no, for what purpose was the well originally drilled? Oil,Re-classed to Gas, then re-class to Oil 3/1/74

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used) NO

5. Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area. _____

INJECTION WELL DATA SHEET

OPERATOR	LEASE			
(Dalport) Humble Oil Co.	Clydia C. Winters			
WELL NO.	FOOTAGE LOCATION	SECTION	TOWNSHIP	RANGE
#1	660'FSL & 660'FWl	7	25-S	37-E

Unit letter "M"

Schematic

Tabular Data

Surface Casing

Size 8 5/8 " Cemented with 150 sx.

TOC Surface feet determined by Circulated

Hole size 11

Intermediate Casing

Size _____ " Cemented with _____ sx.

TOC _____ feet determined by _____

Hole size _____

Long string

Size 5 1/2 " Cemented with 800 sx.

TOC NA feet determined by NA

Hole size 7 7/8

Total depth 3054

Injection interval

2882 feet to 3054 feet

(perforated or open-hole, indicate which)

Tubing size NA lined with NA (material) set in a

NA (brand and model) packer at NA feet

(or describe any other casing-tubing seal).

Other Data

1. Name of the injection formation _____

2. Name of Field or Pool (if applicable) Jalmat

3. Is this a new well drilled for injection? [ ] Yes [XX] No

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

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used) No

5. Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area. _____

INJECTION WELL DATA SHEET

OPERATOR	LEASE			
John H. Hill	Judy			
WELL NO.	FOOTAGE LOCATION	SECTION	TOWNSHIP	RANGE
#2	1980'FNL & 1980'FWL	7	25-S	37-E

Unit letter "F"

Schematic

Date completed; 9/13/74
Re-completed 10/12/79

P&A 4/18/83.

Plugging

Pulled 135 - 3/4"sockerrods & 105 joints 2 1/16" tubing. RU Dowell to the 2 7/8" tbg.& 4 1/2" & pumped 140 sx. Class-C-cement. RU Apache service,ran tubing cutter & made cut @1200'.Pulled 40,000# on 2 7.8" tbg.,would not pull,cement above cut @1200'. RU Dowell to 2 7/8" tbg.,pumped 50 sx. Class"C".RU to 8 5/8"csg. & pumped 25 sx.-C".Well filled w/cement.

Tabular Data

Surface Casing

Size 8 5/8" Cemented with 175 sx.

TOC _____ feet determined by _____

Hole size 11"

Intermediate Casing

Size _____" Cemented with _____ sx.

TOC _____ feet determined by _____

Hole size _____

Long string

Size 4 1/2" Cemented with 325 sx.

TOC _____ feet determined by _____

Hole size 7 7/8

Total depth 3520

Injection interval

3075 feet to 3469 feet
(perforated or open-hole, indicate which)

(porduction Yates Perfs.2801-2931)

Tubing size NA lined with NA (material) set in a

NA (brand and model) packer at Na feet

(or describe any other casing-tubing seal).

Other Data

1. Name of the injection formation _____

2. Name of Field or Pool (if applicable) Jalmat

3. Is this a new well drilled for injection? /7 Yes XX No

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

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used) other perf (3075-3469)

   No indecation to how this zone was plugged.

5. Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area. _____

INJECTION WELL DATA SHEET

OPERATOR	LEASE			
Doyle Hartman	Etz			
WELL NO.	FOOTAGE LOCATION	SECTION	TOWNSHIP	RANGE
#2	2310'FNL & 430'FWL	7	25-S	37-E

Schematic

Date Completed; 10/18/78

Active Oil

Tabular Data

Surface Casing

Size 8 5/8 " Cemented with 250 sx.

TOC Surface feet determined by _____

Hole size 12 1/4

Intermediate Casing

Size _____ " Cemented with _____ sx.

TOC _____ feet determined by _____

Hole size _____

Long string

Size 5 1/2 " Cemented with 750 sx.

TOC _____ feet determined by _____

Hole size 7 7/8

Total depth 3560

Injection interval

2874 feet to 3233 feet

(perforated or open-hole, indicate which)

(Yates-Seven Rivers)

Tubing size _____ lined with _____ (material) set in a

_____ (brand and model) packer at _____ feet

(or describe any other casing-tubing seal).

Other Data

1. Name of the injection formation _____

2. Name of Field or Pool (if applicable) Jalmat

3. Is this a new well drilled for injection? /_/ Yes /X/ No

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

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used) No.

5. Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area. _____

INJECTION WELL DATA SHEET

OPERATOR	LEASE			
Tenneco	E.J.Wells			
WELL NO.	FOOTAGE LOCATION	SECTION	TOWNSHIP	RANGE
#2	2310'FNL & 2310' FEL	12	25-S	36-E

Unit Letter"G"

Schematic

Date Completed 12/19/68
This well was completed as an oil well, but after completion allowable was canceled and well was to be held for secondary recovery.
At present this well is a SWD well

Tabular Data

Surface Casing

Size 16 " Cemented with 200 sx.

TOC Surface feet determined by circulated

Hole size --

Intermediate Casing

Size 10 " Cemented with 600 sx.

TOC NA feet determined by NA

Hole size NA

Long string

Size _____ " Cemented with _____ sx.

TOC _____ feet determined by _____

Hole size _____

Total depth 3372

Injection interval

_____ feet to _____ feet
(perforated or open-hole, indicate which)

Tubing size NA lined with NA (material) set in a

NA (brand and model) packer at 2800'+ feet

(or describe any other casing-tubing seal).

Other Data

1. Name of the injection formation _____

2. Name of Field or Pool (if applicable) Jalmat

3. Is this a new well drilled for injection? /_/ Yes /X/ No

   If no, for what purpose was the well originally drilled? (Oil), then allowable was canceled,and well was to held for secondary recovery.

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used) _____

5. Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area. _____

INJECTION WELL DATA SHEET

OPERATOR	LEASE			
Sinclair O & G Co.	F.Hanagan			
WELL NO.	FOOTAGE LOCATION	SECTION	TOWNSHIP	RANGE
#2	2310'FSL & 2310'FWL	12	25 -S	36-E

Unit letter "K"

Schematic

Date Completed; 1/9/35
P & A 12/13/79

Plugging

(1) Top of plug 10'.Drlg. & cleaned out to 150'.
(2) Drlg. & cleaned out boards & junk to 180'. Drlg.2' 8 3/4"hole.
(3) Cleaned out 7" csg.from 2300'-2683'.Mixed mud & conditioned hole,Spotted 40 sx.plug from 2683'-2596',87'plug.Spot 60 sx. 2240'.Tagged @2190',top of 7" csg.Spotted additional 40 sx.@ 2190'.Tag-No plug.Spot 30 sx. plug@ 1500' tag. Spot75 sx.plug @1500'-tag.No plug.
Spotted 75 sx. plug @ 1500'-tag @1342'(158'plug.) Spot,50 sx. plug @1150 to 1050'.Spot 150 sx. plug @ 200'. POH.Pumped 60 sx. - brough cement to surface.

Tabular Data

Surface Casing

Size 15 1/2 " Cemented with 100 sx.

TOC Surface feet determined by Circulated

Hole size 19

Intermediate Casing

Size 10 " Cemented with 600 sx.

TOC Surface feet determined by Circulated

Hole size 19

Long string

Size 7 " Cemented with 375 sx.

TOC NA feet determined by NA

Hole size 9 5/8

Total depth 3347

Injection interval

3158 feet to 3162 feet
(perforated or open-hole, indicate which)

Tubing size NA lined with NA (material) set in a

NA (brand and model) packer at Na feet

(or describe any other casing-tubing seal).

Other Data

1. Name of the injection formation _____

2. Name of Field or Pool (if applicable) Jalmat

3. Is this a new well drilled for injection? [ ] Yes [X] No

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

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used) NO

5. Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area. _____

INJECTION WELL DATA SHEET

OPERATOR	LEASE			
Worldwide Energy,Corp.	E.J.Wells			
WELL NO.	FOOTAGE LOCATION	SECTION	TOWNSHIP	RANGE
#2	990'FNL & 990'FEL	12	25-S	36-E

Unit letter"A"

Schematic

Date Completed 1/9/35
Active Gas as of this year.

Tabular Data

Surface Casing

Size 9 5/8 " Cemented with 350 sx.

TOC NA feet determined by NA

Hole size NA

Intermediate Casing

Size 5 1/2 " Cemented with 450 sx.

TOC NA feet determined by NA

Hole size NA

Long string

Size --NA " Cemented with NA sx.

TOC NA feet determined by NA

Hole size NA

Total depth 3032

Injection interval

2809 feet to 3032 feet
(perforated or open-hole, indicate which)

Tubing size NA lined with NA (material) set in a

NA (brand and model) packer at NA feet

(or describe any other casing-tubing seal).

Other Data

1. Name of the injection formation _____

2. Name of Field or Pool (if applicable) Jalmat

3. Is this a new well drilled for injection? [ ] Yes [X] No

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

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used) NO

5. Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area. _____

INJECTION WELL DATA SHEET

OPERATOR	LEASE			
Worldwide Energy,Corp.	E.J.Wells			
WELL NO.	FOOTAGE LOCATION	SECTION	TOWNSHIP	RANGE
#3	1650'FNL & 330'FEL	12	25-S	36-E

Unit Letter"H"

Schematic

Date Completed 7/20/83
Active Oil

Tabular Data

Surface Casing

Size 14 " Cemented with Ready Mix sx.

TOC Surface feet determined by Circulated

Hole size _____

Intermediate Casing

Size 10 3/4 " Cemented with 225 sx.

TOC _____ feet determined by _____

Hole size 12 1/4

Long string

Size 7" " Cemented with 400sx.,50-50 ~~600sx.-lite~~ sx.

TOC NA feet determined by _____

Hole size 8 3/4

Total depth 3855

Injection interval

3306 feet to 3393 feet
(perforated or open-hole, indicate which)

Tubing size NA lined with NA (material) set in a

NA (brand and model) packer at NA feet

(or describe any other casing-tubing seal).

Other Data

1. Name of the injection formation _____

2. Name of Field or Pool (if applicable) Jalmat

3. Is this a new well drilled for injection? [ ] Yes [X] No

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

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used) No

5. Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area. _____

INJECTION WELL DATA SHEET

OPERATOR	LEASE			
Doyle Hartman	Etz			
WELL NO.	FOOTAGE LOCATION	SECTION	TOWNSHIP	RANGE
#4	940'FNL & 660'FWL	7	25-S	37-E

Unit letter "D"

Schematic

Date completed: 12/30/80

Active

Tabular Data

Surface Casing

Size 8 5/8 " Cemented with 300 sx.

TOC Surface feet determined by Circulated

Hole size 12 1/4

Intermediate Casing

Size _____ " Cemented with _____ sx.

TOC _____ feet determined by _____

Hole size _____

Long string

Size 5 1/2 " Cemented with 650 sx.

TOC NA feet determined by NA

Hole size 7 7/8

Total depth 3600

Injection interval

3324 feet to 3600 feet

(perforated or open-hole, indicate which)

(Seven Rivers perfs. 3324-3386)

Tubing size NA lined with NA (material) set in a

NA (brand and model) packer at NA feet

(or describe any other casing-tubing seal).

Other Data

1. Name of the injection formation _____

2. Name of Field or Pool (if applicable) Jalmat

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

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

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used) No

5. Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area. _____

INJECTION WELL DATA SHEET

OPERATOR	LEASE			
ARCO O & G Co.	W.F.Hanagan			
WELL NO.	FOOTAGE LOCATION	SECTION	TOWNSHIP	RANGE
#4	2173'FSL & 2173'FEL	12	25-S	36-E

Unit letter"K"

Schematic

SWD Well

Date completed 3/23/53
Completed as Gas well 12/10/53

Converted to SWD well
1/30/70

Tabular Data

Surface Casing

Size 13 3/8 " Cemented with 250 sx.

TOC Surface feet determined by Circulated

Hole size 15

Intermediate Casing

Size 7 " Cemented with 500 sx.

TOC Surface feet determined by Circulated

Hole size 8 3/4

Long string

Size 2 3/8 " Cemented with NA sx.

TOC NA feet determined by NA

Hole size NA

Total depth 3164

Injection interval

2892 feet to 2914 feet
(perforated or open-hole, indicate which)

Tubing size 2 3/8 lined with EUE 8 rd internally plastic coated tub. (material) set in a Tension type packer (brand and model) packer at 2881.58 feet

(or describe any other casing-tubing seal).

Other Data

1. Name of the injection formation _____

2. Name of Field or Pool (if applicable) Jalmat

3. Is this a new well drilled for injection? /_/ Yes /X/ No

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

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used) Perf 3105-3130

   Plugged off Oil & water, re-perforated & re-completed as Gas well/

5. Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area. _____

INJECTION WELL DATA SHEET

OPERATOR	LEASE			
Maralo, Inc.	Jalmat Yates Unit			
WELL NO.	**FOOTAGE LOCATION**	**SECTION**	**TOWNSHIP**	**RANGE**
7	990' FSL & 1650' FEL	12	25S	36E

Schematic

Tabular Data

Surface Casing

Size 10 3/4" Cemented with 225 sx.

TOC Surface feet determined by observation

Hole size 12 1/4"

Intermediate Casing

Size _____" Cemented with _____ sx.

TOC _____ feet determined by _____

Hole size _____

Long string

Size 5 1/2" Cemented with 400 sx.

TOC - feet determined by -

Hole size _____

Total depth 3079

Injection interval

2960 feet to 3073 feet
(perforated or open-hole, indicate which)

Tubing size 2 3/8" lined with plastic coated (material) set in a

Baker AD - 1 nickel plated (brand and model) packer at 2900' feet

(or describe any other casing-tubing seal).

Other Data

1. Name of the injection formation Yates

2. Name of Field or Pool (if applicable) Jalmat Yates

3. Is this a new well drilled for injection? [ ] Yes [X] No

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

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used) no

5. Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area. Seven Rivers (now depleted)

INJECTION WELL DATA SHEET

OPERATOR	LEASE			
Maralo, Inc.	Jalmat Yates Unit			
WELL NO.	FOOTAGE LOCATION	SECTION	TOWNSHIP	RANGE
9	400' FSL & 1000' FEL	12	25-S	36-E

Schematic

Tabular Data

Surface Casing

Size 8 5/8" Cemented with 200 sx.

TOC Surface feet determined by observation

Hole size 11"

Intermediate Casing

Size _____" Cemented with _____ sx.

TOC _____ feet determined by _____

Hole size _____

Long string

Size 5 1/2" Cemented with 1200 sx.

TOC - feet determined by -

Hole size 7 7/8"

Total depth 3557

Injection interval

2971 feet to 3044 feet
(perforated or open-hole, indicate which)

Tubing size 2 3/8" lined with plastic coated (material) set in a

Baker Model AD 1 (brand and model) packer at 2914 feet

(or describe any other casing-tubing seal).

Other Data

1. Name of the injection formation Yates

2. Name of Field or Pool (if applicable) Jalmat Yates

3. Is this a new well drilled for injection? [ ] Yes [X] No

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

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used) 3069 - 3184

5. Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area. Seven Rivers (now depleted)

INJECTION WELL DATA SHEET

OPERATOR	LEASE			
Maralo, Inc.	Jalmat Yates Unit			
WELL NO.	FOOTAGE LOCATION	SECTION	TOWNSHIP	RANGE
6	960' FSL & 425 FEL	12	25S	36E

Schematic

Tabular Data

Surface Casing

Size 10 3/4 " Cemented with 300 sx.

TOC Surface feet determined by observation

Hole size 12 1/4

Intermediate Casing

Size _____ " Cemented with _____ sx.

TOC _____ feet determined by _____

Hole size _____

Long string

Size 7" " Cemented with 350 sx.

TOC - feet determined by -

Hole size _____

Total depth 2983

Injection interval

_____ feet to _____ feet
(perforated or open-hole, indicate which)

Tubing size 2 3/8 lined with plastic coated (material) set in a

Baker Model AD 1 (brand and model) packer at 2914 feet

(or describe any other casing-tubing seal).

Other Data

1. Name of the injection formation Yates

2. Name of Field or Pool (if applicable) Jalmat Yates

3. Is this a new well drilled for injection? [ ] Yes [X] No

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

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used) none

5. Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area.

   Seven Rivers (now depleted)

INJECTION WELL DATA SHEET

OPERATOR	LEASE			
(Atlantic) (Sinclair Repollo)	Gloyd			
WELL NO.	FOOTAGE LOCATION	SECTION	TOWNSHIP	RANGE
2	2310 FSL & 2310 FEL	12	25S	36E

Schematic

Tabular Data

Surface Casing

Size 13 3/8 " Cemented with NA sx.

TOC surface feet determined by observation

Hole size _____

Intermediate Casing

Size 10 3/4 " Cemented with _____ sx.

TOC _____ feet determined by _____

Hole size _____

Long string

Size 7" " Cemented with _____ sx.

TOC _____ feet determined by _____

Hole size _____

Total depth 3325

Injection interval

_____ feet to _____ feet
(perforated or open-hole, indicate which)

This well was originally plugged and abandoned on October 1, 1942. We have no record of this P & A; however, Maralo re-plugged on February 3, 1980 - a copy of C-103 is attached for your convenience.

Tubing size _____ lined with _____ set in a
(material)

_____ packer at _____ feet
(brand and model)

(or describe any other casing-tubing seal).

Other Data

1. Name of the injection formation _____

2. Name of Field or Pool (if applicable) _____

3. Is this a new well drilled for injection? /_/ Yes /_/ No

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

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used) _____

5. Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area. _____

SANTA FE		
FILE		
U.S.G.S.		
LAND OFFICE		
OPERATOR		

NEW MEXICO OIL CONSERVATION COMMISSION

C-102 and C-103
Effective 14-65

5a. Indicate Type of Lease
State ☐ Fee ☐

5. State Oil & Gas Lease No.
N.A.

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT —" (FORM C-101) FOR SUCH PROPOSALS.)

7. Unit Agreement Name

OIL WELL ☐ GAS WELL ☐ OTHER- P & A

2. Name of Operator
Maralo, Inc. (Atlantic) (Sinclair Repollo)

8. Farm or Lease Name
Cloyd

3. Address of Operator
P. O. Box 832, Midland, Texas 79702

9. Well No.
2

4. Location of Well
UNIT LETTER J . 2310 FEET FROM THE South LINE AND 2310 FEET FROM THE East LINE, SECTION 12 TOWNSHIP 25-S RANGE 36-E NMPM.

10. Field and Pool, or Wildcat
Jalmat

15. Elevation (Show whether DF, RT, GR, etc.)
N.A.

12. County
Lea

Check Appropriate Box To Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK ☐	PLUG AND ABANDON ☐	REMEDIAL WORK ☐	ALTERING CASING ☐
TEMPORARILY ABANDON ☐		COMMENCE DRILLING OPNS. ☐	Re-PLUG AND ABANDONMENT ☒
PULL OR ALTER CASING ☐	CHANGE PLANS ☐	CASING TEST AND CEMENT JOB ☐	
OTHER ☐		OTHER ☐	

17. Describe Proposed or Completed Operations (*Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work*) SEE RULE 1103.

1-20-80 Drld. top plug in 10 3/4" csg. Picked up total 6 - 4 3/4" DC. Drld. and washed plug @ 490'
1-22-80 Started drlg and washing to 1691' open hole.
1-23-80 Drld & washed to 1755'. Drld. on board to 2311'
1-24-80 Drld & washed on wood to 2383'. Circ. hole clean.
1-25-80 Worked 30' into top of 7" csg. OPen hole to 2580'. Washed to 2601'.
1-30-80 WIH w/2 7/8" tbg. open ended to 2873' Spotted 50 sx 2% CaCl. Cement plug @ 2873'.
1-31-80 Tagged cement plug @ 2684'. 189' fill. Spotted 75 sx NE cmt. 2% CaCl2. Tagged cement @ 2304. WOC 5 hrs. Pmpd 50 sx cmt 2% CaCl2.
2-01-80 Tagged cement plug @ 2227'. Pumped 100 sx Cl. C 2% CaCl2 @ 1490'. WOC 4 hrs. Tagged cmt. plug @ 1480'. Pmpd 75 sx Cl. C cmt. 2% CaCl2 @ 1480'.
2-02-80 Tagged cmt. plug @ 1460'. Pmpd 75 sx cmt 2% CaCl2. WOC 5 hrs. Tagged cmt. plug @ 1402. Pmpd 25 sx cmt 2% CaCl2. Pld. tbg to 1165. Pmpd 50 sx cmt 2% CaCl2. Pld and lay down all 2 7/8" tbg. Removed BOP.
2-03-80 Plugged top 13 3/8" csg. w/10 sx cmt.
All pits have been filled and location has been levelled and cleared of junk.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNED Brenda Coffman TITLE Production Clerk DATE 6-18-81

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

INJECTION WELL DATA SHEET

OPERATOR	LEASE			
Maralo, Inc.	Jalmat Yates Unit			
WELL NO.	FOOTAGE LOCATION	SECTION	TOWNSHIP	RANGE
WI 3	1550' FSL & 2500' FEL	12	25S	36E

Schematic

Tabular Data

Surface Casing

Size 8 5/8" Cemented with 300 sx.

TOC Surface feet determined by Observation

Hole size 12¼"

Intermediate Casing

Size _____" Cemented with _____ sx.

TOC _____ feet determined by _____

Hole size _____

Long string

Size 4 1/2" Cemented with 1500 sx.

TOC - feet determined by _____

Hole size 7 7/8"

Total depth 3496

Injection interval

2915 feet to 3163 feet
(perforated or open-hole, indicate which)

Tubing size 2 3/8" lined with plastic coated (material) set in a

Baker AD - 1 nickel plated (brand and model) packer at 2893' feet

(or describe any other casing-tubing seal).

Other Data

1. Name of the injection formation Yates

2. Name of Field or Pool (if applicable) Jalmat Yates

3. Is this a new well drilled for injection? [X] Yes [ ] No

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

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used) no

5. Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area.

Seven Rivers (now depleted)

INJECTION WELL DATA SHEET

OPERATOR	LEASE			
Maralo, Inc.	Jalmat Yates Unit			
WELL NO.	FOOTAGE LOCATION	SECTION	TOWNSHIP	RANGE
4	1440' FSL & 1150' FEL	12	25S	36E

Schematic

Tabular Data

Surface Casing

Size 8 5/8" Cemented with 300 sx.

TOC Surface feet determined by observation

Hole size 11"

Intermediate Casing

Size _____" Cemented with _____ sx.

TOC _____ feet determined by _____

Hole size _____

Long string

Size 5½" Cemented with 800 sx.

TOC - feet determined by -

Hole size 7 7/8"

Total depth 3500'

Injection interval

2917 feet to 3002 feet
(perforated or open-hole, indicate which)

Tubing size 2 3/8 lined with FUE plastic coated (material) set in a

Baker AD - 1 nickel plated (brand and model) packer at 2883 feet

(or describe any other casing-tubing seal).

Other Data

1. Name of the injection formation Yates

2. Name of Field or Pool (if applicable) Jalmat Yates

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

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

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used) no

5. Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area. Seven Rivers (now depleted)