HOLLAND&HART LLP

Ocean Munds-Dry
omundsdry@hollandhart.com

February 15, 2011

HAND-DELIVERY

Case 14611

Mr. Daniel Sanchez
Acting Division Director
Oil Conservation Division
New Mexico Department of Energy, Minerals and Natural Resources
1220 South Saint Francis Drive
Santa Fe, New Mexico 87505

Re: Application of Alamo Permian Resources, LLC for Reinstatement of a Waterflood Project for its West Artesia Grayburg Waterflood Unit Area and Qualification of said project for the Recovered Oil Tax Rate pursuant to the Enhanced Oil Recovery Act, Eddy County, New Mexico.

Dear Mr. Sanchez:

Enclsoed in triplicate is the Application of Alamo Permian Resources, LLC in the above-referenced case as well as a copy of the legal advertisement. Alamo requests that this matter be placed on the March 17, 2011 Examiner Hearing Docket.

Sincerely,

Ocean Munds-Dry

Ocean Munds-Dry
Attorney for Alamo Permian Resources, LLC

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

IN THE MATTER OF THE APPLICATION OF ALAMO PERMIAN RESOURCES, LLC FOR REINSTATEMENT OF A WATERFLOOD PROJECT FOR ITS WEST ARTESIA GRAYBURG WATERFLOOD UNIT AND QUALIFICATION OF SAID PROJECT FOR THE RECOVERED OIL TAX RATE PURSUANT TO THE ENHANCED OIL RECOVERY ACT, EDDY COUNTY, NEW MEXICO.

CASE NO. 14611

APPLICATION

ALAMO PERMIAN RESOURCES, LLC ("Alamo") through its attorneys, Holland & Hart, LLP, hereby makes application for an order reinstating a secondary recovery project for the injection of water into the Grayburg formation in its West Artesia Grayburg Unit, and qualification of this project for the Recovered Oil Tax Rate pursuant to the provisions of the New Mexico Enhanced Oil Recovery Act, and in support thereof states:

1. Alamo seeks approval of the West Artesia Grayburg Unit Waterflood Project and authorization to implement secondary recovery operations in the Unit Area by the injection of water into the Grayburg formation, Artesia Queen-Grayburg-San Andres Pool. A copy of Alamo's Application for Authorization to Inject (Division Form C-108) through six injection wells in the waterflood project area is attached hereto as **Exhibit A.**

2. The proposed waterflood project area includes 640 acres, more or less of State and Fee lands located in Eddy County, New Mexico, more particularly described as follows:

TOWNSHIP 18 SOUTH, RANGE 28 EAST, NMPM

Section 7:	E/2 SE/4, SE/4 NE/4
Section 8:	NW/4, S/2 NE/4, W/2 SW/4, NE/4 SW/4, N/2 SE/4
Section 17:	N/2 NW/4

3. Applicant requests that the Division establish a procedure for the administrative approval of additional injection wells within the waterflood project area/ unit area without the necessity for further hearings.

4. Alamo seeks to qualify this project for the Recovered Oil Tax Rate pursuant to the Enhanced Oil Recovery Act.

5. Notice of this application has been provided to the owners of the surface of the lands on which the proposed injection wells are to be located and to each leasehold operator within one-half mile of the injection wells location and these owners are identified on the Notice List attached to this application as **Exhibit B.**

6. Approval of this application will afford Alamo the opportunity to produce its just and equitable share of the remaining reserves in the West Artesia Grayburg Unit Area and will otherwise be in the best interest of the conservation, the protection of correlative rights and the prevention of waste.

WHEREFORE, Alamo Permian Resources, LLC requests that this matter be set for hearing before a duly appointed Examiner of the Oil Conservation Division on March 17, 2011 and after notice and hearing as required by law, the Division enter its order granting this application.

Respectfully submitted,

HOLLAND & HART LLP

By: Ocean Munds-Dry

Ocean Munds-Dry
Post Office Box 2208
Santa Fe, New Mexico 87504
Telephone: (505) 988-4421

ATTORNEYS FOR ALAMO PERMIAN RESOURCES, LLC

EXHIBIT B
ALAMO PERMIAN RESOURCES, LLC
APPLICATION FOR WEST ARTESIA GRAYBURG UNIT
NOTICE LIST

SURFACE OWNERS:

COG OPERATING LLC
550 W. TEXAS, SUITE 100
MIDLAND, TEXAS 79701

NEW MEXICO STATE LAND OFFICE
310 OLD SANTA FE TRAIL
SANTA FE, NEW MEXICO 87504

LEASEHOLD OPERATORS:

CAMERON OIL & GAS, INC.
P.O. BOX 1456
ROSWELL, NM 88202-1456

EOG RESOURCES, INC.
P.O. BOX 2267
MIDLAND, TX 79702

I&W, INC.
P.O. BOX 98
LOCO HILLS, NM 88255

DCP MIDSTREAM, LP
370 17TH ST. SUITE 2500
DENVER, CO 80202

MOREXCO, INC.
P.O. BOX 51208
MIDLAND, TX 79710

RAY WESTALL
P.O. BOX 4
LOCO HILLS, NM 88255

CHASE OIL CORP.
P.O. BOX 1767
ARTESIA, NM 88211

KERSEY & CO.
P.O. BOX 1248
FREDERICKSBURG, TX 78624

COG OPERATING, LLC
550 W. TEXAS, SUITE 100
MIDLAND, TX 79701

SANDLOTT ENERGY (JACKIE BREWER DBA)
P.O. BOX 711
LOVINGTON, NM 88260

BP AMERICA PRODUCTION CO.
501 WESTLAKE PARK BLVD.
HOUSTON, TX 77079

MEWBOURNE OIL CO.
P.O. BOX 5270
HOBBS, NM 88241

CHESAPEAKE OPERATING, INC.
P.O. BOX 18496
OKLAHOMA CITY, OK 73154

EASTLAND OIL CO.
P.O. BOX 3488
MIDLAND, TX 79702

H&S OIL, LLC
P.O. BOX 186
ARTESIA, NM 88211

SMITH & MARRS, INC.
P.O. BOX 863
KERMIT, TX 79745

CO FULTON
P.O. BOX 1176
ARTESIA, NM 88210

V-F PETROLEUM INC.
P.O. BOX 1889
MIDLAND, TX 79702

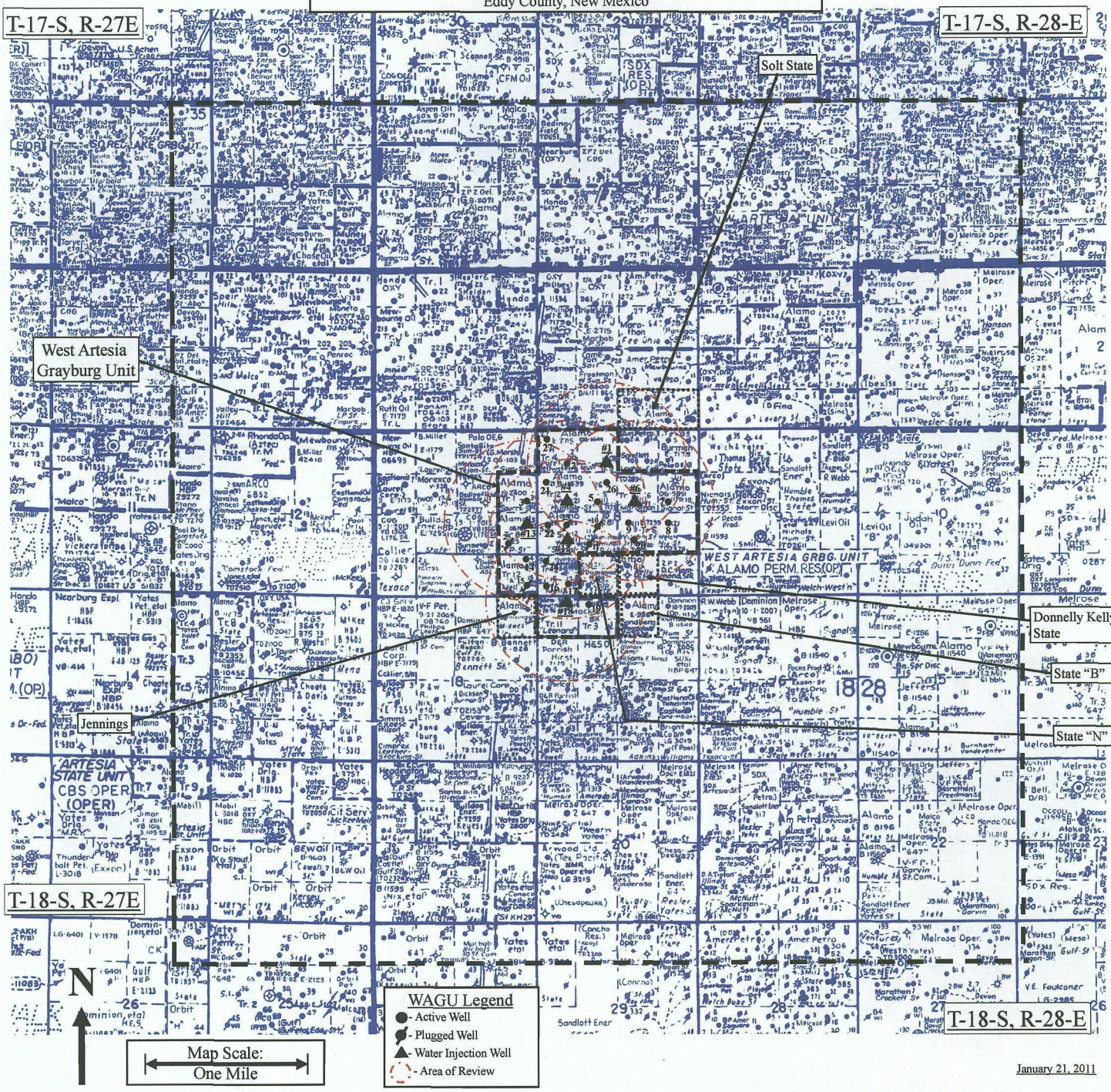
NMOCD
FORM C-108
Item V.

Alamo Permian Resources, LLC

West Artesia Grayburg Unit Waterflood Project

And Offset Alamo Permian-Operated Leases

Eddy County, New Mexico



January 21, 2011

DATE IN	SUSPENSE	ENGINEER	LOGGED IN	TYPE	APP NO.

ABOVE THIS LINE FOR DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION
- Engineering Bureau -
1220 South St. Francis Drive, Santa Fe, NM 87505

ADMINISTRATIVE APPLICATION CHECKLIST

THIS CHECKLIST IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS WHICH REQUIRE PROCESSING AT THE DIVISION LEVEL IN SANTA FE

Application Acronyms:

[NSL-Non-Standard Location] [NSP-Non-Standard Proration Unit] [SD-Simultaneous Dedication]
[DHC-Downhole Commingling] [CTB-Lease Commingling] [PLC-Pool/Lease Commingling]
[PC-Pool Commingling] [OLS - Off-Lease Storage] [OLM-Off-Lease Measurement]
[WFX-Waterflood Expansion] [PMX-Pressure Maintenance Expansion]
[SWD-Salt Water Disposal] [IPI-Injection Pressure Increase]
[EOR-Qualified Enhanced Oil Recovery Certification] [PPR-Positive Production Response]

[1] **TYPE OF APPLICATION** - Check Those Which Apply for [A]

Case 14611

[A] Location - Spacing Unit - Simultaneous Dedication
☐ NSL ☐ NSP ☐ SD

Check One Only for [B] or [C]

[B] Commingling - Storage - Measurement
☐ DHC ☐ CTB ☐ PLC ☐ PC ☐ OLS ☐ OLM

[C] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery
☒ WFX ☐ PMX ☐ SWD ☐ IPI ☐ EOR ☐ PPR

[D] Other: Specify _____

[2] **NOTIFICATION REQUIRED TO:** - Check Those Which Apply, or ☐ Does Not Apply

[A] ☐ Working, Royalty or Overriding Royalty Interest Owners

[B] ☒ Offset Operators, Leaseholders or Surface Owner

[C] ☒ Application is One Which Requires Published Legal Notice

[D] ☒ Notification and/or Concurrent Approval by BLM or SLO
U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office

[E] ☒ For all of the above, Proof of Notification or Publication is Attached, and/or,

[F] ☐ Waivers are Attached

[3] **SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE OF APPLICATION INDICATED ABOVE.**

[4] **CERTIFICATION:** I hereby certify that the information submitted with this application for administrative approval is **accurate** and **complete** to the best of my knowledge. I also understand that **no action** will be taken on this application until the required information and notifications are submitted to the Division.

Note: Statement must be completed by an individual with managerial and/or supervisory capacity.

Joanne Keating		Regulatory Affairs Coordinator	01/31/2011
Print or Type Name	Signature	Title	Date

jkeating@alamoresources.com
e-mail Address

EXHIBIT A

STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL
RESOURCES DEPARTMENT

FORM C-108

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, New Mexico 87505

APPLICATION FOR AUTHORIZATION TO INJECT

ALAMO PERMIAN RESOURCES, LLC
WEST ARTESIA GRAYBURG UNIT
Eddy County, New Mexico

LIST OF WELLS INCLUDED IN THIS APPLICATION

West Artesia Grayburg Unit #001
Section 8, T-18S, R-28E
Location: 990' FNL & 2,310' FWL
API No.: 30-015-02645
Eddy County, NM

West Artesia Grayburg Unit #004
Section 8, T-18S, R-28E
Location: 2,310' FNL & 990' FWL
API No.: 30-015-02648
Eddy County, NM

West Artesia Grayburg Unit #006
Section 8, T-18S, R-28E
Location: 2,310' FNL & 1,980' FEL
API No.: 30-015-10328
Eddy County, NM

West Artesia Grayburg Unit #012
Section 8, T-18S, R-28E
Location: 1,650' FSL & 990' FWL
API No.: 30-015-02649
Eddy County, NM

West Artesia Grayburg Unit #013
Section 7, T-18S, R-28E
Location: 2,310' FSL & 330' FEL
API No.: 30-015-02636
Eddy County, NM

West Artesia Grayburg Unit #018
Section 17, T-18S, R-28E
Location: 330' FNL & 990' FWL
API No.: 30-015-01899
Eddy County, NM

Requirements as per FORM C-108

I. PURPOSE:

The Purpose of the West Artesia Grayburg Unit ("WAGU") water injection wells covered by this application (shown above) is as part of a Secondary Recovery waterflood project in the Grayburg formation.

This Application by Alamo Permian Resources, LLC does qualify for Administrative Approval pursuant to 19.15.26.8 (G).

II. OPERATOR: **Alamo Permian Resources, LLC**
415 W. Wall Street, Suite 500
Midland, Texas 79701
Contact Party: Joanne Keating, Regulatory Affairs Coordinator
jkeating@alamoresources.com
432-897-0673

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 to be used.**

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 to 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 the name of the next higher and next lower oil and gas zone in the area of the well, if any.**

Please see the attached Well Data Sheets and Wellbore Schematic Diagrams containing the above required data for each of the six (6) West Artesia Grayburg Unit water injection wells covered by this Application.

IV. EXPANSION OF AN EXISTING PROJECT:

Is this an expansion of an existing project?

Yes, this Application is the Expansion of an Existing Project.

It is a Re-Submission of the Application for the re-instatement of the Authority to Inject into the six (6) West Artesia Grayburg Unit water injection wells covered by this Application.

If yes, give the Division order number authorizing the project:

Division Order No. R-3357 / R-3357-A / R-3357-B – The original project was the H & S West Artesia Grayburg Waterflood Project Unit in the West Artesia Unit Area, Artesia Pool, by the injection of water into the Grayburg formation under Division Order No. R-3357 dated December 22, 1967, as amended by Division Order No. R-3357-A dated July 15, 1968, and further amended by Division Order No. R-3357-B dated March 5, 1968.

V. MAP

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.

Please see the following map which shows the location of the West Artesia Grayburg Unit, the location of the six (6) WAGU water injection wells covered by this Application, the wells and leases within two miles of the proposed WAGU injection wells, and the one-half mile radius circles designating the area of review around each proposed WAGU water injection well in this project, covered by this Application.

VI. TABULATION OF DATA ON ALL WELLS WITHIN THE AREAS OF REVIEW:

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.

Please see the following table, "Tabulation of Data on All Wells of Public Record Within the Area of Review Which Penetrate the Proposed Injection Zone". This table contains data on the sixty-nine (69) wells which were found within the Area of Review for each of the six (6) West Artesia Grayburg Unit water injection wells covered by this application.

Also included are Wellbore Schematics on the thirteen (13) plugged and abandoned ("P&A'd") wells identified within these Areas of Review.

VII. DATA ON THE PROPOSED OPERATION:

Attach data on the proposed operation, including:

1. **Proposed average and maximum daily rate and volume of fluids to be injected;**

   Alamo Permian Resources proposes average and maximum daily rates and volumes of water to be injected into each of the six (6) WAGU water injection wells of:
   - Average: 600 BWPD/well ("Barrels of water per day per well")
   - Maximum: 1,000 BWPD/well.

   Total average and maximum daily water injection rates and volumes for the WAGU project when all six (6) water injection wells are fully operational of:
   - Average: 3,600 BWPD
   - Maximum: 6,000 BWPD.

2. **Whether the system is open or closed;**

   The West Artesia Grayburg Unit system is a closed system.

3. **Proposed average and maximum injection pressures;**

   Alamo Permian Resources proposes average and maximum injection pressures for each of the WAGU water injection wells covered by this Application of:
   - Average: 500 psig, and
   - Maximum: 1,275 psig (0.6 psig/ft at 2,125': mid-depth of Grayburg formation).

4. **Sources and an appropriate analysis of injection fluid and compatibility with the receiving formation if other than re-injected produced water;**

   Please see attached water analyses of injection water samples.

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.).**

   The six (6) WAGU water injection wells covered by this Application are to be used for Secondary Recovery and not for Disposal purposes. This requirement does not apply to this Application.

VIII. GEOLOGIC DATA:

Attach appropriate geologic data on the injection zone including appropriate lithologic detail, geologic 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 an such sources known to be immediately underlying the injection interval.

Please see the following "Geologic Data" summary write-up, structure map, and type log for the Grayburg Formation, the unitized formation in the West Artesia Grayburg Unit.

Also, please see the following "Fresh Water Data" summary and the fresh water data found for the WAGU Area obtained by Alamo Permian Resources from the public record.

IX. PROPOSED STIMULATION PROGRAM:

Describe the proposed stimulation program, if any.

To complete the Grayburg Formation zones with porosity development, Alamo Permian Resources plans to perforate the porous zones at 2 perforations per foot, and then initially acid stimulate the individual zones using 15% hydrochloric acid ("HCl" with non-emulsion and iron-sequestering additives) at an average volume of 75 gallons of HCl per foot of perforations.

Current plans do not include hydraulic fracturing of the Grayburg zones. Future stimulation treatments will be based on analysis of well performance.

X. LOGGING AND WELL TEST DATA:

Attach appropriate logging and test data on the well. (If well logs have been filed with the Division, they need not be resubmitted).

All well logs on the West Artesia Grayburg Unit water injection wells covered by this Application have been previously submitted to the Division.

Please see the following attached most recent Witnessed Mechanical Integrity Tests ("MIT's") run on the candidate wells covered by this Application.

XI. FRESH WATER WELL DATA:

Attach a chemical analysis of fresh water from two or more wells (if available and producing) within one mile of any injection or disposal well showing the location of wells and dates samples were taken.

Please see the following recent full water analysis from a fresh water well (windmill) located on a tract adjacent to the West Artesia Grayburg Unit, in UL-A of Section 18, Township 18-S, Range 28E of Eddy County, NM. This sample, taken on 10/12/2010, shows the fresh water sample to have a Chlorides (Cl^-) content of 47.05 mg/l.

XII. AFFIRMATIVE STATEMENT FOR DISPOSAL WELLS:

Applicants for disposal wells must make an affirmative statement that they have examined available geologic data and engineering data and find no evidence of open faults or any hydrologic connection between the disposal zone and any underground sources of drinking water.

All of the wells covered by this Application in the West Artesia Grayburg Unit are water injection wells in a Secondary Recovery oil project. None are disposal wells and are exempt from this requirement.

XIII. 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 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, 1220 South St. Francis Dr., Santa Fe, New Mexico 87505, within 15 days.**

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

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

Please see attached Proof of Notice documents:

1. Notice Letter from Alamo Permian Resources to affected Surface Owners;
2. Notice Letter from Alamo Permian Resources to Offset Leasehold Operators;
3. Exhibit "A" – Lists of affected Surface Owners and Offset Leasehold Operators;
4. Proof of Notification – copies of certified mail receipts of mailings; and
5. Legal Notice – copies of publications in local area newspapers in Eddy County, NM
   a. The Artesia Daily Press
      Artesia, NM
   b. The Carlsbad Current Argus
      Carlsbad, NM

XIV. CERTIFICATION:

Certification: I hereby certify that the information submitted with this application is true and correct to the best of my knowledge and belief.

NAME: Joanne Keating **TITLE:** Regulatory Affairs Coord.

SIGNATURE: [signature] **DATE:** 01/31/2011

E-MAIL ADDRESS: jkeating@alamoresources.com

PHONE: 432-897-0673

Side 1

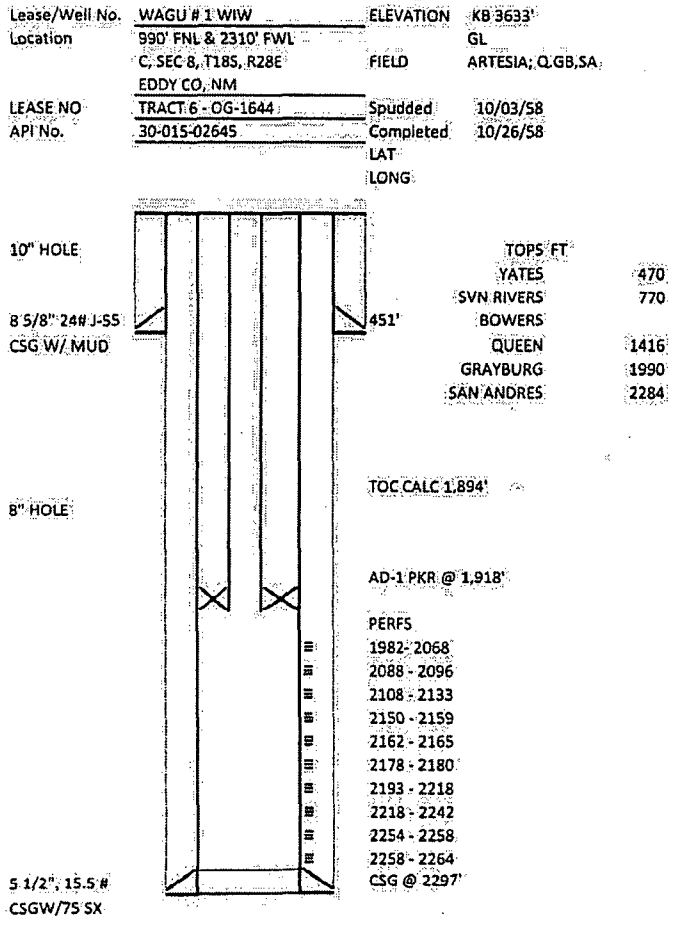
INJECTION WELL DATA SHEET

OPERATOR: Alamo Permian Resources, LLC

WELL NAME & NUMBER: West Artesia Grayburg Unit No. 1

WELL LOCATION:
FOOTAGE LOCATION 990' FNL & 2,310' FWL UNIT LETTER C SECTION 8 TOWNSHIP 18S RANGE 28E

WELLBORE SCHEMATIC



WELL CONSTRUCTION DATA

Surface Casing

Hole Size: 10" Casing Size: 8 5/8"

Cemented with NA sx. *or* NA ft^3

Top of Cement: NA Method Determined:

Intermediate Casing

Hole Size: NA Casing Size: NA

Cemented with: NA sx. *or* NA ft^3

Top of Cement: NA Method Determined:

Production Casing

Hole Size: 8" Casing Size: 5 1/2"

Cemented with: 75 sx. *or* ft^3

Top of Cement: 1,894 ft Method Determined: Calculated

Total Depth: 2,297 ft

Injection Interval

Perforations 1,982 to 2,264 ft

INJECTION WELL DATA SHEET

Tubing Size: 2 3/8" Lining Material: Internal Plastic Coating

Type of Packer: AD-1

Packer Setting Depth: 1,918'

Other Type of Tubing/Casing Seal (if applicable): Not applicable

Additional Data

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

   If no, for what purpose was the well originally drilled? The well was originally a producer.

2. Name of the Injection Formation: Grayburg

3. Name of Field or Pool (if applicable): Artesia; Queen, Grayburg, San Andres

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

5. Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area:

Yates	470 ft
Seven Rivers	770 ft
Queen	1,416 ft
San Andres	2,284 ft

Side 1

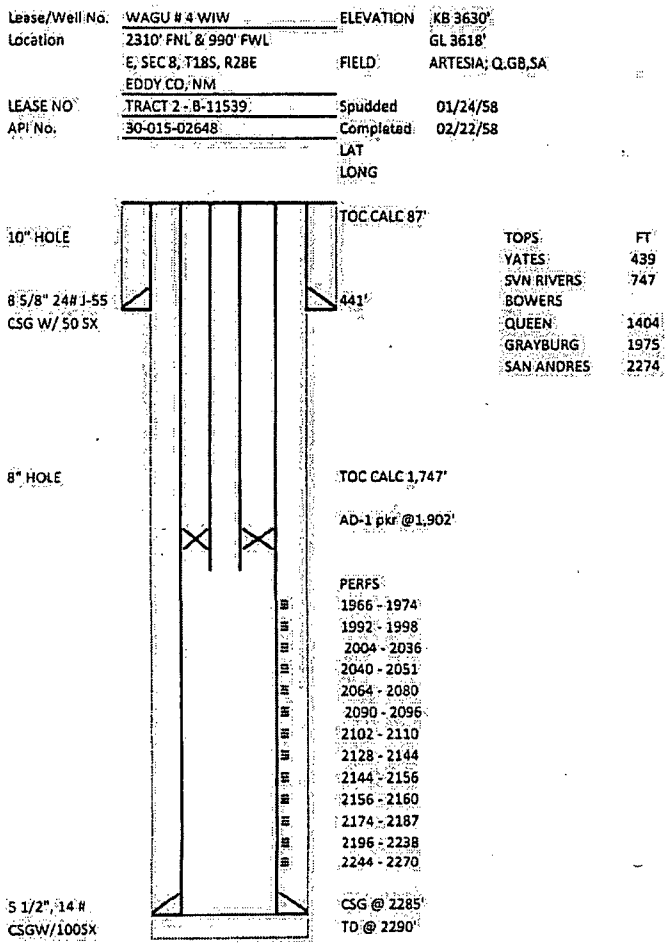
INJECTION WELL DATA SHEET

OPERATOR: Alamo Permian Resources, LLC

WELL NAME & NUMBER: West Artesia Grayburg Unit No. 4

WELL LOCATION:
FOOTAGE LOCATION 2,310' FNL & 990' FWL UNIT LETTER E SECTION 8 TOWNSHIP 18S RANGE 28E

WELLBORE SCHEMATIC



WELL CONSTRUCTION DATA

Surface Casing

Hole Size: 10" Casing Size: 8 5/8"

Cemented with 50 sx.

Top of Cement: 87 ft Method Determined: Calculated

Intermediate Casing

Hole Size: NA Casing Size: NA

Cemented with: NA sx. *or* NA ft^3

Top of Cement: NA Method Determined:

Production Casing

Hole Size: 8" Casing Size: 5 1/2"

Cemented with: 75 sx. *or* ft^3

Top of Cement: 1,747 ft Method Determined: Calculated

Total Depth: 2,290 ft

Injection Interval

Perforations 1,966 to 2,270 ft

INJECTION WELL DATA SHEET

Tubing Size: 2 3/8" Lining Material: Internal Plastic Coating

Type of Packer: AD-1

Packer Setting Depth: 1,902'

Other Type of Tubing/Casing Seal (if applicable): Not applicable

Additional Data

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

   If no, for what purpose was the well originally drilled? The well was originally a producer.

2. Name of the Injection Formation: Grayburg

3. Name of Field or Pool (if applicable): Artesia; Queen, Grayburg, San Andres

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

5. Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area:

Yates	439 ft
Seven Rivers	747 ft
Queen	1,404 ft
San Andres	2,274 ft

Side 1

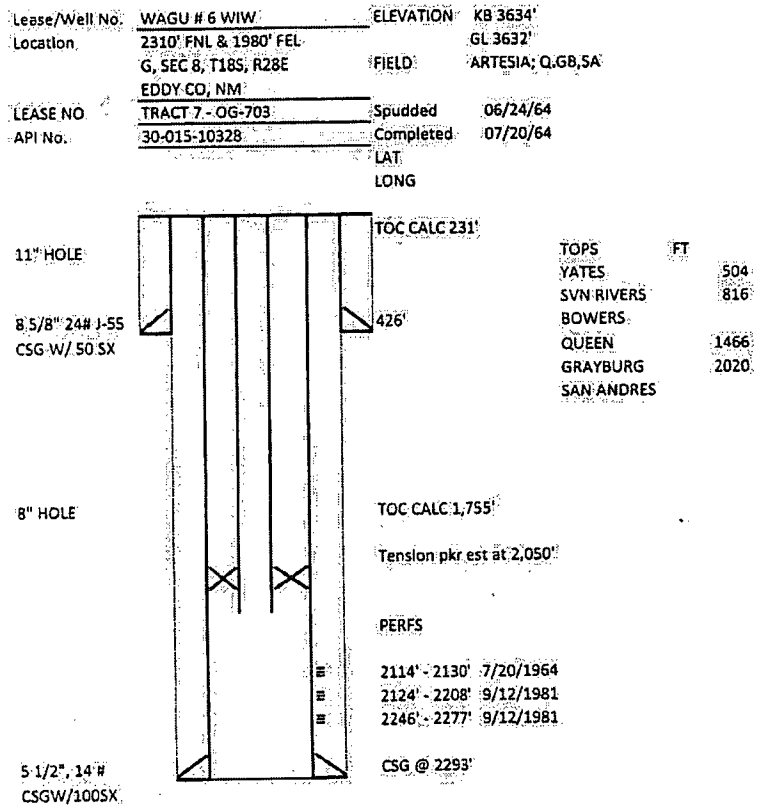
INJECTION WELL DATA SHEET

OPERATOR: Alamo Permian Resources, LLC

WELL NAME & NUMBER: West Artesia Grayburg Unit No. 6

WELL LOCATION:
FOOTAGE LOCATION 2,310' FNL & 1,980' FEL UNIT LETTER G SECTION 8 TOWNSHIP 17S RANGE 28E

WELLBORE SCHEMATIC



WELL CONSTRUCTION DATA

Surface Casing

Hole Size: 11" Casing Size: 8 5/8"

Cemented with 50 sx.

Top of Cement: 231 ft Method Determined: Calculated

Intermediate Casing

Hole Size: NA Casing Size: NA

Cemented with: NA sx. *or* NA ft^3

Top of Cement: NA Method Determined:

Production Casing

Hole Size: 8" Casing Size: 5 1/2"

Cemented with: 100 sx. *or* ft^3

Top of Cement: 1,755 ft Method Determined: Calculated

Total Depth: 2,293 ft

Injection Interval

Perforations 2,114 to 2,277 ft

INJECTION WELL DATA SHEET

Tubing Size: 2 3/8" Lining Material: Internal Plastic Coating

Type of Packer: AD-1

Packer Setting Depth: 2,050' (est)

Other Type of Tubing/Casing Seal (if applicable): Not applicable

Additional Data

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

   If no, for what purpose was the well originally drilled? The well was originally a producer.

2. Name of the Injection Formation: Grayburg

3. Name of Field or Pool (if applicable): Artesia; Queen, Grayburg, San Andres

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

5. Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area:

Yates	504 ft
Seven Rivers	816 ft
Queen	1,404ft
San Andres	2,274 ft

Side 1

INJECTION WELL DATA SHEET

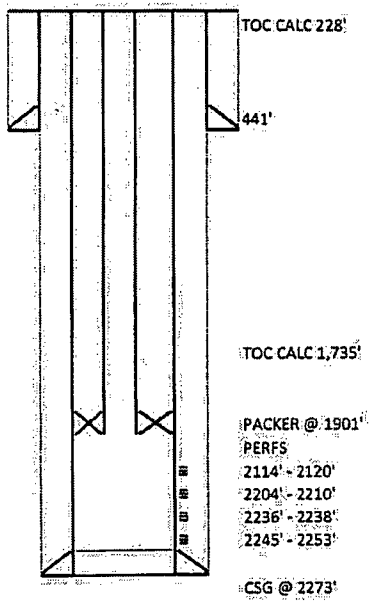
OPERATOR: Alamo Permian Resources, LLC

WELL NAME & NUMBER: West Artesia Grayburg Unit No. 12

WELL LOCATION:
FOOTAGE LOCATION 990' FWL & 1,650' FSL UNIT LETTER L SECTION 8 TOWNSHIP 18S RANGE 28E

WELLBORE SCHEMATIC

Lease/Well No.	WAGU # 12 WIW	ELEVATION	KB 3623'
Location	1650' FSL & 990' FWL		GL 3618'
	L, SEC 8, T18S, R28E	FIELD	ARTESIA; Q,GB,SA
	EDDY CO, NM		
LEASE NO	TRACT 5 - E 7179	Spudded	09/07/57
API No.	30-015-02649	Completed	10/11/57
		LAT	
		LONG	



TOPS	FT
YATES	478
SVN RIVERS	789
BOWERS	
QUEEN	1435
GRAYBURG	1980
SAN ANDRES	2268

WELL CONSTRUCTION DATA

Surface Casing

Hole Size: 10" Casing Size: 8 5/8"

Cemented with 30 sx.

Top of Cement: 228 ft Method Determined: Calculated

Intermediate Casing

Hole Size: NA Casing Size: NA

Cemented with: NA sx. *or* NA ft^3

Top of Cement: NA Method Determined:

Production Casing

Hole Size: 8" Casing Size: 5 1/2"

Cemented with: 100 sx. *or* ft^3

Top of Cement: 1,735 ft Method Determined: Calculated

Total Depth: 2,273 ft

Injection Interval

Perforations 2,114 to 2,253 ft

INJECTION WELL DATA SHEET

Tubing Size: 2 3/8" Lining Material: Internal Plastic Coating

Type of Packer: AD-1

Packer Setting Depth: 1,901'

Other Type of Tubing/Casing Seal (if applicable): Not applicable

Additional Data

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

   If no, for what purpose was the well originally drilled? The well was originally a producer.

2. Name of the Injection Formation: Grayburg

3. Name of Field or Pool (if applicable): Artesia; Queen, Grayburg, San Andres

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

5. Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area:

Yates	478 ft
Seven Rivers	789 ft
Queen	1,435ft
San Andres	2,268 ft

Side 1

INJECTION WELL DATA SHEET

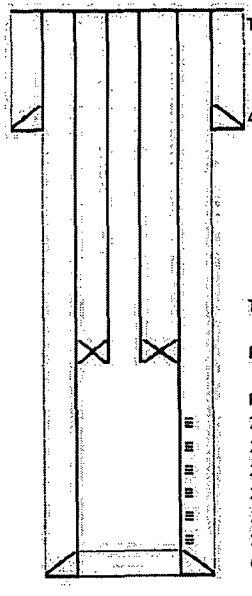
OPERATOR: Alamo Permian Resources, LLC

WELL NAME & NUMBER: West Artesia Grayburg Unit No. 13

WELL LOCATION:
FOOTAGE LOCATION 330' FEL & 2,310' FSL UNIT LETTER I SECTION 7 TOWNSHIP 18S RANGE 28E

WELLBORE SCHEMATIC

Lease/Well No.	WAGU # 13 WIW	ELEVATION	KB - 3621'
Location	2310" FSL & 330' FEL		GL - 3621'
	I, SEC 7, T18S, R28E	FIELD	ARTESIA; Q,GB,SA
	EDDY CO, NM		
LEASE NO	TRACT 8 - OG-780	Spudded	06/21/58
API No.	30-015-02636	Completed	07/22/58
		LAT	
		LONG	



10" HOLE

8 5/8" 28# J-55 CSG W/ 50 SXS

8" HOLE

5 1/2", 15.5 # CSGW/100 SX

TOC CALC 103'

457'

TOC CALC 1,713'

PACKER @ 2008'

PERFS

2063' - 2065'	4 SPF	
2072' - 2074'	4 SPF	
2075' - 2081'	4 SPF	
2164' - 2172'	4 SPF	
2186' - 2190'	4 SPF	
2200' - 2208'	4 SPF	
CSG @ 2251'	4 SPF	

TOPS	FT
YATES	431
SVN RIVERS	739
BOWERS	
QUEEN	1382
GRAYBURG	1941
SAN ANDRES	2236

WELL CONSTRUCTION DATA

Surface Casing

Hole Size: 10" Casing Size: 8 5/8"

Cemented with 50 sx.

Top of Cement: 103 ft Method Determined: Calculated

Intermediate Casing

Hole Size: NA Casing Size: NA

Cemented with: NA sx. *or* NA ft^3

Top of Cement: NA Method Determined:

Production Casing

Hole Size: 8" Casing Size: 5 1/2"

Cemented with: 100 sx. *or* ft^3

Top of Cement: 1,713 ft Method Determined: Calculated

Total Depth: 2,251 ft

Injection Interval

Perforations 1,932 to 2,208 ft

INJECTION WELL DATA SHEET

Tubing Size: 2 3/8" Lining Material: Internal Plastic Coating

Type of Packer: AD-1

Packer Setting Depth: 1,876'

Other Type of Tubing/Casing Seal (if applicable): Not applicable

Additional Data

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

   If no, for what purpose was the well originally drilled? The well was originally a producer.

2. Name of the Injection Formation: Grayburg

3. Name of Field or Pool (if applicable): Artesia; Queen, Grayburg, San Andres

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

5. Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area:

Yates	431 ft
Seven Rivers	739 ft
Queen	1,382ft
San Andres	2,236 ft

Side 1

INJECTION WELL DATA SHEET

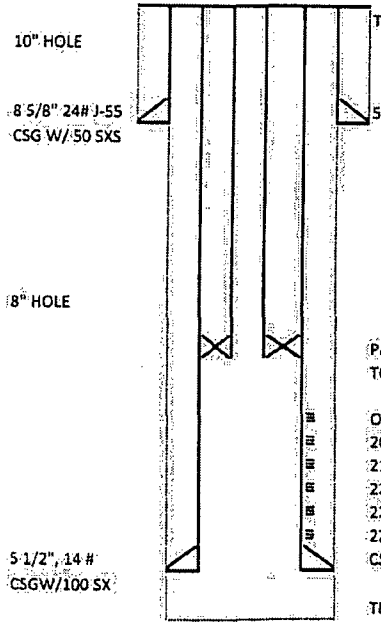
OPERATOR: Alamo Permian Resources, LLC

WELL NAME & NUMBER: West Artesia Grayburg Unit No. 18

WELL LOCATION:
FOOTAGE LOCATION 330' FNL & 990' FWL UNIT LETTER D SECTION 17 TOWNSHIP 18S RANGE 28E

WELLBORE SCHEMATIC

Lease/Well No.	WAGU # 18 WIW	ELEVATION	DF = 3611' CT RIG
Location	330' FNL & 990' FWL		GL
	D, SEC 17, T18S, R28E	FIELD	ARTESIA; Q,GB,SA
	EDDY CO, NM		
LEASE NO	TRACT 11	Spudded	03/29/60
API No.	30-015-01899	Completed	07/15/60
		LAT	
		LONG	



TOPS	FT
YATES	526
SVN RIVERS	850
BOWERS	
QUEEN	1490
GRAYBURG	2014
SAN ANDRES	2294

OLD PERFS	NEW PERFS
2009' - 2014' 52 HOLES	2068-2071' 6 HOLES
2115' - 2117' 12 HOLES	2132-2146 28 HOLES
2231' - 2235' 16 HOLES	2167-2179 24 HOLES
2267' - 2279' 24 HOLES	
2277' - 2279' 8 HOLES	
CSG @ 2317'	

WELL CONSTRUCTION DATA

Surface Casing

Hole Size: 10" Casing Size: 8 5/8"

Cemented with 50 sx.

Top of Cement: 152 ft Method Determined: Calculated

Intermediate Casing

Hole Size: NA Casing Size: NA

Cemented with: NA sx. *or* NA ft^3

Top of Cement: NA Method Determined:

Production Casing

Hole Size: 8" Casing Size: 5 1/2"

Cemented with: 100 sx. *or* ft^3

Top of Cement: 1,918 ft Method Determined: Calculated

Total Depth: 2,317 ft

Injection Interval

Perforations 2,009 ft to 2,279 ft

INJECTION WELL DATA SHEET

Tubing Size: 2 3/8" Lining Material: Internal Plastic Coating

Type of Packer: AD-1

Packer Setting Depth: 1,875'

Other Type of Tubing/Casing Seal (if applicable): Not applicable

Additional Data

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

   If no, for what purpose was the well originally drilled? The well was originally a producer.

2. Name of the Injection Formation: Grayburg

3. Name of Field or Pool (if applicable): Artesia; Queen, Grayburg, San Andres

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

5. Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area:

Yates	526 ft
Seven Rivers	850 ft
Queen	1,490ft
San Andres	2,294 ft

Alamo Permian Resources, LLC: WEST ARTESIA GRAYBURG UNIT – Form C-108 Application Filing

VI. Tabulation of Data On All Wells of Public Record Within the Area of Review Which Penetrate the Proposed Injection Zone

Sorted by Section

No.	Lease Name	Well No.	API No.	Operator	LOCATION			Well Type	Well Status	Spud Date	Total Depth	Surface Casing				
					UL	Sec,Twp,Rge	FootageCalls					Hole Size	Casing Size	Setting Depth	Sacks Cmt	TOC
1	SOLT STATE	1	30-015-25277	ALAMO PERMIAN RESOURCES, LLC	O	S:5, T:18S, R:28E	660 FSL, 1980 FEL	Oil	Pumping	5/8/1985	3500'	12-1/4"	8-5/8"	352'	250	Surface
2	SOLT STATE	2	30-015-25278	ALAMO PERMIAN RESOURCES, LLC	P	S:5, T:18S, R:28E	330 FSL, 990 FEL	Oil	Pumping	5/16/1985	3500'	12-1/4"	8-5/8"	351'	200	Surface
3	SOLT STATE	3	30-015-25390	ALAMO PERMIAN RESOURCES, LLC	O	S:5, T:18S, R:28E	990 FSL, 1650 FEL	Oil	Pumping	9/30/1985	3020'	12-1/4"	8-5/8"	352'	200	Surface
4	SOLT STATE	4	30-015-25391	ALAMO PERMIAN RESOURCES, LLC	P	S:5, T:18S, R:28E	330 FSL, 330 FEL	Oil	Pumping	10/15/1985	3039'	12-1/4"	8-5/8"	350'	225	Surface
5	S A SOLT	1	30-015-28600	CAMERON OIL & GAS INC	J	S:5, T:18S, R:28E	1650 FSL, 2310 FEL	Oil	Pumping	9/13/1995	3175'	12-1/4"	8-5/8"	362'	350	Surface
6	S A SOLT	2	30-015-28764	CAMERON OIL & GAS INC	N	S:5, T:18S, R:28E	990 FSL, 2258 FWL	Oil	Pumping	1/29/1996	3200'	12-1/4"	8-5/8"	380'	350	Surface
7	S A SOLT	4	30-015-28990	CAMERON OIL & GAS INC	M	S:5, T:18S, R:28E	330 FSL, 964 FWL	Oil	Pumping	6/14/1996	2850'	12-1/4"	8-5/8"	362'	325	Surface
8	EMPIRE 5 STATE COM	1	30-015-28852	EOG RESOURCES INC	O	S:5, T:18S, R:28E	807 FSL, 1992 FEL	Gas	Flowing	7/23/1996	10438'	14-3/4"	11-3/4"	496'	300	Surface
9	WEST ARTESIA GRAYBURG UNIT	3	30-015-02630	ALAMO PERMIAN RESOURCES, LLC	H	S:7, T:18S, R:28E	2310 FNL, 330 FEL	Oil	Pumping	12/18/1957	2415'	10-3/4"	8-5/8"	457'	Mudded	Pulled
10	WEST ARTESIA GRAYBURG UNIT	13	30-015-02636	ALAMO PERMIAN RESOURCES, LLC	I	S:7, T:18S, R:28E	2310 FSL, 330 FEL	Inj	Injection	6/21/1958	2251'	10"	8-5/8"	457'	50	103'
11	WEST ARTESIA GRAYBURG UNIT	14	30-015-02635	ALAMO PERMIAN RESOURCES, LLC	P	S:7, T:18S, R:28E	990 FSL, 330 FEL	Oil	Pumping	6/30/1958	2225'	10"	8-5/8"	460'	30	247'
12	WEST ARTESIA GRAYBURG UNIT TRACT 1	15	30-015-02634	MACK ENERGY CORP	P	S:7, T:18S, R:28E	400 FSL, 330 FEL	Oil	P&A	7/19/1950	2235'	10"	8-5/8"	496'	50	142'
13	WEST ARTESIA GRAYBURG UNIT	25	30-015-23741	MARBOB ENERGY CORP	I	S:7, T:18S, R:28E	1650 FSL, 940 FEL	Oil	P&A	5/5/1981	2530'	12-1/4"	8-5/8"	477'	300	Surface
14	ARTESIA SWD	1	30-015-25271	DCP MIDSTREAM, LP	O	S:7, T:18S, R:28E	330 FSL, 2310 FEL	Disp	Disposal	6/7/1985	4115'	12-1/4"	8-5/8"	355'	350	Surface
15	DUKE AG	1	30-015-32324	DCP MIDSTREAM, LP (DUKE)	O	S:7, T:18S, R:28E	1232 FSL, 1927 FEL	Inj	Gas Inj.	8/14/2002	11520'	17-1/2"	13-3/8"	530'	675	Surface
16	TEXACO STATE	2	30-015-02633	KERSEY & COMPANY	J	S:7, T:18S, R:28E	1650 FSL, 1650 FEL	Oil	P&A	12/23/1961	2362'	10"	8-5/8"	465'	50	
17	STATE BY	1	30-015-25236	MOREXCO INC	F	S:7, T:18S, R:28E	1980 FNL, 1980 FWL	Oil	Pumping	12/23/1995	2600'	17-1/2"	13-3/8"	418'	500	Surface
18	SUN STATE	1	30-015-24774	MOREXCO INC	A	S:7, T:18S, R:28E	990 FNL, 430 FEL	Oil	Pumping	3/1/1984	2502'	12-1/4"	8-5/8"	365'	350	Surface
19	HUMBLE STATE	1	30-015-02629	J.F. BEDINGFIELD	G	S:7, T:18S, R:28E	2310 FNL, 1659 FEL	Oil	P&A	3/19/1958	2377'	10-3/4"	8-5/8"	406'	50	
20	STATE CG	1	30-015-25361	RAY WESTALL	J	S:7, T:18S, R:28E	1980 FSL, 2310 FEL	SWD	Disposal	9/6/1985	10380'	17-1/2"	13-3/8"	418'	500	Surface
21	WEST ARTESIA GRAYBURG UNIT	1	30-015-02645	ALAMO PERMIAN RESOURCES, LLC	C	S:8, T:18S, R:28E	990 FNL, 2310 FWL	Inj	Injection	10/3/1958	2297'	10"	8-5/8"	451'	Mudded	—
22	WEST ARTESIA GRAYBURG UNIT	2	30-015-02640	ALAMO PERMIAN RESOURCES, LLC	D	S:8, T:18S, R:28E	990 FNL, 990 FWL	Oil	Pumping	4/18/1958	2382'	10"	8-5/8"	502'	50	148'
23	WEST ARTESIA GRAYBURG UNIT	4	30-015-02648	ALAMO PERMIAN RESOURCES, LLC	E	S:8, T:18S, R:28E	2310 FNL, 990 FWL	Inj	Injection	1/24/1958	2290'	10"	8-5/8"	441'	50	87'
24	WEST ARTESIA GRAYBURG UNIT	5	30-015-02647	ALAMO PERMIAN RESOURCES, LLC	F	S:8, T:18S, R:28E	2310 FNL, 1980 FWL	Oil	Pumping	11/15/1957	2314'	10"	8-5/8"	440'	40	156'
25	WEST ARTESIA GRAYBURG UNIT	6	30-015-10328	ALAMO PERMIAN RESOURCES, LLC	G	S:8, T:18S, R:28E	2310 FNL, 1980 FEL	Inj	Injection	6/24/1964	2293'	11"	8-5/8"	426'	50	231'
26	WEST ARTESIA GRAYBURG UNIT	7	30-015-02639	ALAMO PERMIAN RESOURCES, LLC	H	S:8, T:18S, R:28E	2310 FNL, 990 FEL	Oil	Pumping	5/3/1962	2359'	11"	8-5/8"	472'	50	277'
27	WEST ARTESIA GRAYBURG UNIT	8	30-015-02659	ALAMO PERMIAN RESOURCES, LLC	I	S:8, T:18S, R:28E	2310 FSL, 990 FEL	Oil	Pumping	7/14/1958	2366'	10"	8-5/8"	468'	50	114'
28	WEST ARTESIA GRAYBURG UNIT	9	30-015-02658	ALAMO PERMIAN RESOURCES, LLC	J	S:8, T:18S, R:28E	2310 FSL, 2310 FEL	Oil	Pumping	12/30/1957	2345'	10"	8-5/8"	453'	50	99'
29	WEST ARTESIA GRAYBURG UNIT	10	30-015-02646	MARBOB ENERGY CORP	K	S:8, T:18S, R:28E	2200 FSL, 2200 FWL	Oil	P&A	2/13/1962	2311'	10-3/4"	8-5/8"	442'	50	247'
30	WEST ARTESIA GRAYBURG UNIT	11	30-015-02655	DORAL ENERGY CORP.	K	S:8, T:18S, R:28E	1650 FSL, 1650 FWL	Inj	P&A	12/12/1958	2305'	10"	8-5/8"	500'	Mudded	—
31	WEST ARTESIA GRAYBURG UNIT	12	30-015-02649	ALAMO PERMIAN RESOURCES, LLC	L	S:8, T:18S, R:28E	1650 FSL, 990 FWL	Inj	Injection	9/7/1957	2273'	10"	8-5/8"	441'	30	228'
32	WEST ARTESIA GRAYBURG UNIT	16	30-015-02641	ALAMO PERMIAN RESOURCES, LLC	M	S:8, T:18S, R:28E	400 FSL, 330 FWL	Oil	Active	5/21/1950	2255'	10"	8-5/8"	503'	50	148'
33	WEST ARTESIA GRAYBURG UNIT	17	30-015-02642	ALAMO PERMIAN RESOURCES, LLC	M	S:8, T:18S, R:28E	330 FSL, 987 FWL	Oil	Pumping	9/7/1957	2118'	10"	8-5/8"	500'	25	323'
34	WEST ARTESIA GRAYBURG UNIT	20	30-015-23113	ALAMO PERMIAN RESOURCES, LLC	J	S:8, T:18S, R:28E	1650 FSL, 1980 FEL	Oil	Pumping	1/16/1980	10560'	17-1/2"	13-3/8"	405'	425	Surface
35	WEST ARTESIA GRAYBURG UNIT	21	30-015-23619	ALAMO PERMIAN RESOURCES, LLC	E	S:8, T:18S, R:28E	1650 FNL, 330 FWL	Oil	Pumping	2/3/1981	2520'	12-1/4"	8-5/8"	507'	300	Surface
36	WEST ARTESIA GRAYBURG UNIT	22	30-015-23639	ALAMO PERMIAN RESOURCES, LLC	L	S:8, T:18S, R:28E	2269 FSL, 330 FWL	Oil	T/A	2/12/1981	2551'	12-1/4"	8-5/8"	521'	300	Surface
37	WEST ARTESIA GRAYBURG UNIT	23	30-015-23648	MARBOB ENERGY CORP	L	S:8, T:18S, R:28E	2369 FSL, 971 FWL	Oil	P&A	3/14/1981	2320'	12-1/4"	8-5/8"	500'	300	Surface
38	WEST ARTESIA GRAYBURG UNIT	24	30-015-23724	ALAMO PERMIAN RESOURCES, LLC	M	S:8, T:18S, R:28E	970 FSL, 330 FWL	Oil	Pumping	3/28/1981	2325'	12-1/4"	8-5/8"	515	300	Surface
39	WEST ARTESIA GRAYBURG UNIT	26	30-015-23784	ALAMO PERMIAN RESOURCES, LLC	F	S:8, T:18S, R:28E	1710 FNL, 2274 FWL	Oil	Pumping	7/13/1981	2539'	12-1/4"	8-5/8"	512'	300	Surface
40	WEST ARTESIA GRAYBURG UNIT	27	30-015-23869	ALAMO PERMIAN RESOURCES, LLC	D	S:8, T:18S, R:28E	330 FNL, 330 FWL	Oil	Pumping	7/23/1981	2520'	12-1/4"	8-5/8"	457'	300	Surface

Alamo Permian Resources, LLC: WEST ARTESIA GRAYBURG UNIT -- Form C-108 Application Filing

VI. Tabulation of Data On All Wells of Public Record Within the Area of Review Which Penetrate the Proposed Injection Zone

Sorted by Section

No.	Lease Name	Well No.	API No.	Production Casing					Overall Perf Interval	Comments
				Hole Size	Casing Size	Setting Depth	Sacks Cmt	TOC		
1	SOLT STATE	1	30-015-25277	7-7/8"	5-1/2"	3500'	900	Surface	1970-3252' (38)	IP 6/26/85 - 33 BO, 42 MCF, 20 BW.
2	SOLT STATE	2	30-015-25278	7-7/8"	5-1/2"	3500'	900	Surface	1976-3241' (37)	IP 7/18/85 - 27 BO, 30 MCF, 37 BW.
3	SOLT STATE	3	30-015-25390	7-7/8"	5-1/2"	3032'	800	Surface	1685-2369' (33)	IP 12/05/85 - 25 BO, 18 MCF, 50 BW.
4	SOLT STATE	4	30-015-25391	7-7/8"	5-1/2"	3032'	800	Surface	1724-2414' ( )	IP 11/15/85 - 50 BO, 50 MCF, 15 BW.
5	S A SOLT	1	30-015-28600	7-7/8"	5-1/2"	2962'	600	Surface	2110-2209' (26)	IP 10/22/95 - 20 BO, 0 MCF, 10 BW.
6	S A SOLT	2	30-015-28764	7-7/8"	5-1/2"	3198'	675	Surface	1966-2238' (25)	IP 2/22/96 - 23 BO, 40 MCF, 48 BW.
7	S A SOLT	4	30-015-28990	7-7/8"	5-1/2"	2849'	600	Surface	2016-2027' (21)	IP 7/21/96 - 17 BO, 12 MCF, 21 BW.
8	EMPIRE 5 STATE COM	1	30-015-28852	11"	5-1/2"	2786'	950	Surface	10,222-10,258' (32)	IP 8/30/96 - 90 BO, 3100 MCF, 0 BW.
				7-7/8"	5-1/2"	10438'	1690			
9	WEST ARTESIA GRAYBURG UNIT	3	30-015-02630	8-5/8"	7"	2160'	650	1695'	1659-2083' (161) +	IP 1/30/58 - 72 BOPD
									2160-2235' (Open-Hole)	
10	WEST ARTESIA GRAYBURG UNIT	13	30-015-02636	8"	5-1/2"	2251'	100	1713'	2063-2208' (24)	IP 7/22/58 (2164-2208') - 40 BOPD. Converted to WIW 11/09/68.
11	WEST ARTESIA GRAYBURG UNIT	14	30-015-02635	8"	5-1/2"	2215'	80	1795'	1937-2163' (42)	IP 8/03/58 - 79 BOPD
12	WEST ARTESIA GRAYBURG UNIT TRACT 1	15	30-015-02634	8"	—	—	—	—	496-2235' (Open-Hole)	IP 9/01/50 - 35 BOPD. P&A'd - May 1992.
13	WEST ARTESIA GRAYBURG UNIT	25	30-015-23741	7-7/8"	4-1/2"	2523'	625	Surface	1917-2490' (82)	GB & SA. IP 7/4/81 - 8 BOPD, 25 BWPD. P&A - 10/28/1985.
14	ARTESIA SWD	1	30-015-25271	7-7/8"	5-1/2"	4100'	900	Surface	3410-4060' (160)	Completed 3/14/1986. SWD Well.
15	DUKE AG	1	30-015-32324	12-1/4"	9-5/8"	4200'	1025	Surface	11,207-11,412' (192)	Devonian - Acid Gas Injection Well.
				8-3/4"	7"	11520'	n/a	2510'		
16	TEXACO STATE	2	30-015-02633	8"	4-1/2"	2353'	120	1831'	2054-2186' ( )	IP 2/20/62 - 52 BO, 0 MCF, 0 BW. P&A'd - 12/19/2008.
17	STATE BY	1	30-015-25236	11"	8-5/8"	2600'	1150	Surface	1627-1640' (18)	Re-Entry - 1995. Penrose. IP 1/11/96 - 39 BO, 0 MCF, 26 BW.
18	SUN STATE	1	30-015-24774	7-7/8"	5-1/2"	2380'	550	Surface	1652-1662' (11)	Penrose. IP 3/30/84 - 40 BO, 0 MCF, 3 BW.
19	HUMBLE STATE	1	30-015-02629	8"	—	—	—	—	406-2377' (Open-Hole)	Completed 3/19/1958. P&A'd - 4/28/1958.
20	STATE CG	1	30-015-25361	12-1/4"	9-5/8"	2585'	1250	Surface	Original 10212-10226' (60)	Original - Morrow. IP 11/04/85 - 91 BOPD, 4512 MCFD.
				8-3/4"	5-1/2"	10380'	2300		Current 7948-7982' (64)	Now Canyon Disposal Well.
21	WEST ARTESIA GRAYBURG UNIT	1	30-015-02645	8"	5-1/2"	2297'	75	1894'	1982-2264' ( )	IP 11/6/58 (2254-2264') - 55 BOPD. Converted to WIW 11/09/68.
22	WEST ARTESIA GRAYBURG UNIT	2	30-015-02640	7"	5-1/2"	2260'	100	1292'	1946-2210' ( )	IP 6/07/58 (2176-2210') - 40 BOPD
23	WEST ARTESIA GRAYBURG UNIT	4	30-015-02648	8"	5-1/2"	2285'	100	1747'	1966-2270' ( )	IP 2/22/58 (2196-2238') - 60 BOPD. Converted to WIW 11/09/68.
24	WEST ARTESIA GRAYBURG UNIT	5	30-015-02647	8"	5-1/2"	2314'	100	1776'	1988-2275' ( )	IP 12/24/57 (2265-2275') - 60 BOPD
25	WEST ARTESIA GRAYBURG UNIT	6	30-015-10328	8"	5-1/2"	2293'	100	1755'	2114-2277' ( )	IP 7/20/64 (2114-2130') - 40 BOPD. Converted to WIW 11/09/68.
26	WEST ARTESIA GRAYBURG UNIT	7	30-015-02639	8"	5-1/2"	2354'	100	1816'	2133-2320' (56)	IP 6/01/62 (2316-2320') - 26 BO, 232 BW
27	WEST ARTESIA GRAYBURG UNIT	8	30-015-02659	8"	5-1/2"	2366'	100	1828'	2050-2312' ( )	IP 9/01/58 - 40 BOPD.
28	WEST ARTESIA GRAYBURG UNIT	9	30-015-02658	8"	5-1/2"	2340'	100	1807'	2024-2265' ( )	IP 2/09/58 - 50 BOPD.
29	WEST ARTESIA GRAYBURG UNIT	10	30-015-02646	8"	4-1/2"	2058'	75	1732'	2007-2017' ( )	IP 3/10/62 - 22 BOPD. P&A'd - 10/05/1990.
30	WEST ARTESIA GRAYBURG UNIT	11	30-015-02655	8"	5-1/2"	2305'	100	1767'	2218-2272' (88)	IP 10/26/58 - 60 BOPD. Converted to WIW 11/09/68.
										P&A'd - 6/24/2010.
31	WEST ARTESIA GRAYBURG UNIT	12	30-015-02649	8"	5-1/2"	2273'	100	1735'	2114-2253' ( )	IP 10/11/57 - 60 BOPD. Converted to WIW 4/25/71.
32	WEST ARTESIA GRAYBURG UNIT	16	30-015-02641	8"	—	—	—	—	503-2200' (Open-Hole)	IP 7/10/50 - 35 BOPD
33	WEST ARTESIA GRAYBURG UNIT	17	30-015-02642	8"	5-1/2"	2118'	50	1849'	1986-2096' ( )	IP 10/11/57 - 100 BOPD
34	WEST ARTESIA GRAYBURG UNIT	20	30-015-23113	12-1/4"	9-5/8"	2778'	1200	Surface	2041-2184' (26)	Re-Entry after 5-1/2" csg pulled & well P&A'd.
										IP 12/22/80 - 40 BOPD.
35	WEST ARTESIA GRAYBURG UNIT	21	30-015-23619	6-1/2"	4-1/2"	2520'	525	Surface	2008-2216' (48)	IP 2/25/81 - 37 BOPD.
36	WEST ARTESIA GRAYBURG UNIT	22	30-015-23639	7-7/8"	4-1/2"	2531'	625	Surface	2004-2218' (48)	IP 3/23/81 - 27 BOPD, 2 BWPD.
37	WEST ARTESIA GRAYBURG UNIT	23	30-015-23648	7-7/8"	4-1/2"	2320'	625	Surface	2070-2236' (32)	IP 3/28/81 - 12 BOPD, 2 BWPD. P&A'd - 10/10/1990.
38	WEST ARTESIA GRAYBURG UNIT	24	30-015-23724	7-7/8"	4-1/2"	2299'	625	Surface	2062-2223' (34)	IP 5/20/81 - 8 BOPD, 25 BWPD.
39	WEST ARTESIA GRAYBURG UNIT	26	30-015-23784	7-7/8"	4-1/2"	2539'	600	Surface	1730-2268' (62)	IP 8/24/81 - 5 BOPD, 30 BWPD.
40	WEST ARTESIA GRAYBURG UNIT	27	30-015-23869	7-7/8"	4-1/2"	2520'	650	Surface	1644-2204' (88)	IP 8/26/81 - 7 BOPD, 40 BWPD.

Alamo Permian Resources, LLC: WEST ARTESIA GRAYBURG UNIT – Form C-108 Application Filing

VI. Tabulation of Data On All Wells of Public Record Within the Area of Review Which Penetrate the Proposed Injection Zone

Sorted by Section

No.	Lease Name	Well No.	API No.	Operator	LOCATION			Well Type	Well Status	Spud Date	Total Depth	Surface Casing				
					UL	Sec,Twp,Rge	FootageCalls					Hole Size	Casing Size	Setting Depth	Sacks Cmt	TOC
41	DONNELLY KELLY STATE	1	30-015-02367	DONNELLY DRILLING CO.	O	S:8, T:18S, R:28E	660 FSL, 1980 FEL	Oil	P&A	4/16/1957	2500'	10-3/4"	8-5/8"	515'	50	320'
42	DONNELLY KELLY STATE	2	30-015-02644	ALAMO PERMIAN RESOURCES, LLC	O	S:8, T:18S, R:28E	330 FSL, 2310 FEL	Oil	Pumping	10/31/1957	2485'	10-3/4"	8-5/8"	500'	50	305'
43	DONNELLY KELLY STATE	3	30-015-23815	ALAMO PERMIAN RESOURCES, LLC	O	S:8, T:18S, R:28E	990 FSL, 2270 FEL	Oil	Pumping	6/19/1981	2510'	12-1/4"	8-5/8"	479'	300	Surface
44	STATE N	1	30-015-02643	ALAMO PERMIAN RESOURCES, LLC	N	S:8, T:18S, R:28E	330 FSL, 1650 FWL	Oil	Pumping	1/9/1956	2167'	10-3/4"	8-5/8"	502'	50	307'
45	AMIN STATE	1	30-015-24785	MOREXCO INC	A	S:8, T:18S, R:28E	990 FNL, 990 FEL	Oil	P&A	4/20/1988	2520'	12-1/4"	8-5/8"	360'	300	Surface
46	EDDY BOA STATE	1	30-015-02638	DAVID G HAMMOND	P	S:8, T:18S, R:28E	330 FSL, 990 FEL	Oil	T/A	12/30/1958	2409'	9-5/8"	7-5/8"	571	300	Surface
47	LEVERS A STATE	1	30-015-02656	SANDLOTT ENERGY (JACKIE BREWER DBA)	B	S:8, T:18S, R:28E	255 FNL, 1532 FEL	Oil	Pumping	n/a	2309'	n/a	n/a	n/a	n/a	n/a
48	LEVERS A STATE	2	30-015-26895	SANDLOTT ENERGY (JACKIE BREWER DBA)	B	S:8, T:18S, R:28E	330 FNL, 2310 FEL	Oil	Pumping	12/16/1991	2494	12-1/4"	8-5/8"	378'	220	Surface
49	LEVERS A STATE	3	30-015-26896	SANDLOTT ENERGY (JACKIE BREWER DBA)	B	S:8, T:18S, R:28E	990 FNL, 1650 FEL	Oil	Pumping	4/30/1992	2600'	12-1/4"	8-5/8"	365'	220	Surface
50	MIMOSA 8 STATE COM	1	30-015-29875	MARBOB ENERGY CORP	N	S:8, T:18S, R:28E	350 FSL, 2003 FWL	Gas	P&A	10/12/1997	10655'	17-1/2"	13-3/8"	550'	600	Surface
51	NIX-STATE	1	30-015-06117	V.S. WELCH	P	S:8, T:18S, R:28E	250 FEL, 1070 FSL	Oil	P&A	1925	2378'	10"	8-5/8"	500'	50	
52	SCOGGIN DRAW 8 STATE	1	30-015-29220	MEWBOURNE OIL CO	F	S:8, T:18S, R:28E	1930 FNL, 2310 FWL	Gas	—	—	—	—	—	—	—	—
53	HUMBLE STATE	1	30-015-02662	LEONARD NICHOLS	L	S:9, T:18S, R:28E	2310 FSL, 330 FWL	Oil	P&A	7/9/1959	2555'	10"	8-5/8"	516'	50	
54	WEST ARTESIA GRAYBURG UNIT	18	30-015-01899	ALAMO PERMIAN RESOURCES, LLC	D	S:17, T:18S, R:28E	330 FNL, 990 FWL	Inj	Injection	3/29/1960	2451'	10"	8-5/8"	506'	50	152'
55	WEST ARTESIA GRAYBURG UNIT	19	30-015-01897	ALAMO PERMIAN RESOURCES, LLC	C	S:17, T:18S, R:28E	330 FNL, 1650 FWL	Oil	Pumping	4/3/1957	2145'	10"	8-5/8"	510'	30	297'
56	STATE B	2	30-015-01896	ALAMO PERMIAN RESOURCES, LLC	B	S:17, T:18S, R:28E	330 FNL, 2310 FEL	Oil	Pumping	3/13/1957	2482'	10-3/4"	8-5/8"	503'	50	308'
57	ADKINS STATE	1	30-015-01893	H & S OIL LLC	F	S:17, T:18S, R:28E	1980 FNL, 1980 FWL	Oil	T/A	4/12/1959	2450'	12"	10-3/4"	240'	50	
58	GRARIDGE STATE	3	30-015-01904	SMITH & MARRS INC	L	S:17, T:18S, R:28E	2350 FSL , 1050 FWL	Oil	Shut-in	n/a	2136'	n/a	10"	386'	n/a	n/a
59	GRARIDGE STATE	4	30-015-01905	SMITH & MARRS INC	L	S:17, T:18S, R:28E	2390 FSL , 250 FWL	Oil	Pumping	n/a	2100'	n/a	10"	511'	n/a	n/a
60	HUMBLE STATE	1	30-015-01900	SOUTHWESTERN INC	A	S:17, T:18S, R:28E	330 FNL, 990 FEL	Oil	Shut-in	9/19/1958	2502'	10"	8-5/8"	540'	50	
61	ILLINOIS CAMP 17 STATE COM	1	30-015-27394	MEWBOURNE OIL CO	F	S:17, T:18S, R:28E	2180 FNL, 1980 FWL	Gas	Flowing	5/19/1993	10520'	17-1/2"	13-3/8"	385'	525	Surface
62	SIGNAL STATE	2	30-015-01901	SMITH & MARRS INC	E	S:17, T:18S, R:28E	2390 FNL, 1050 FWL	Oil	Pumping	5/14/1969	2165'	12-1/4"	8-5/8"	210'	Mudded	—
63	SIGNAL STATE	4	30-015-24606	SMITH & MARRS INC	E	S:17, T:18S, R:28E	2310 FNL, 330 FWL	Oil	Pumping	9/24/1983	2484'	12-1/4"	8-5/8"	378'	350	Surface
64	WELCH STATE	2	30-015-01909	SMITH & MARRS INC	K	S:17, T:18S, R:28E	2390 FSL, 1570 FWL	Oil	Active	1925	2404'	n/a	n/a	n/a	n/a	n/a
65	WELCH STATE	4	30-015-10452	SMITH & MARRS INC	K	S:17, T:18S, R:28E	2630 FSL , 2230 FWL	Oil	T/A	4/14/1964	2333'	10"	8-5/8"	560'	75	
66	WELCH STATE	7	30-015-10451	SMITH & MARRS INC	K	S:17, T:18S, R:28E	1330 FSL, 1330 FWL	Oil	Pumping	3/24/1964	2310'	10"	8-5/8"	537'	50	
67	JENNINGS	1	30-015-23842	ALAMO PERMIAN RESOURCES, LLC	A	S:18, T:18S, R:28E	406 FNL, 330 FEL	Oil	Pumping	6/27/1981	2634'	12-1/4"	8-5/8"	518'	175	98'
68	BENNETT STATE	1	30-015-01927	BYARD BENNETT	H	S:18, T:18S, R:28E	1980 FNL, 660 FEL	Oil	P&A	6/20/1957	2418'	10"	8-5/8"	510'	50	
69	GULF STATE	1	30-015-20275	C.O. FULTON	H	S:18, T:18S, R:28E	2310 FNL, 330 FEL	Oil	Pumping	1/27/1970	2260'	10-3/4"	8-5/8"	447'	50	

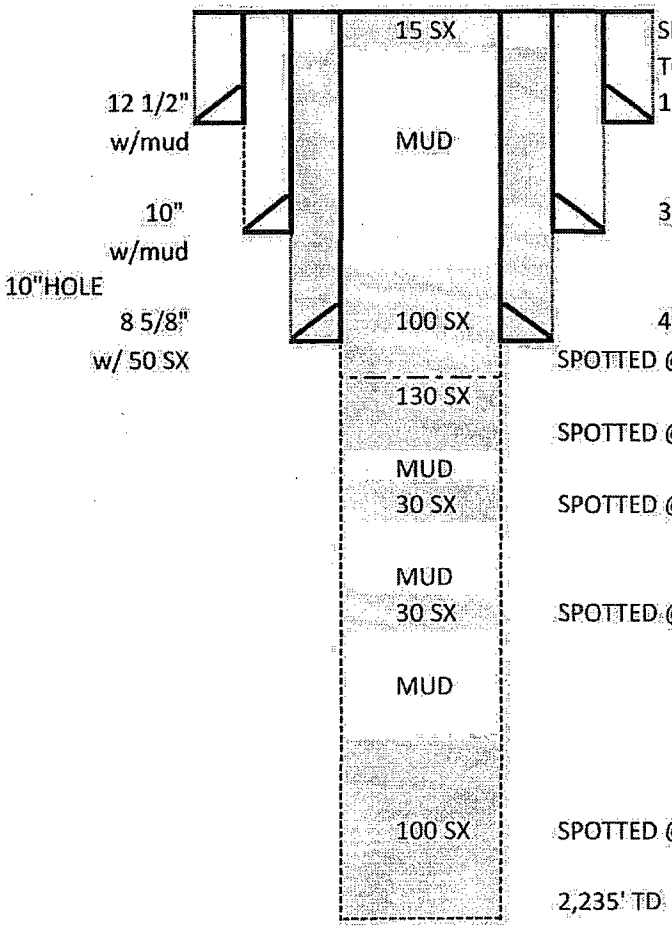
Alamo Permian Resources, LLC: WEST ARTESIA GRAYBURG UNIT – Form C-108 Application Filing

VI. Tabulation of Data On All Wells of Public Record Within the Area of Review Which Penetrate the Proposed Injection Zone

Sorted by Section

No.	Lease Name	Well No.	API No.	Production Casing					Overall Perf Interval	Comments
				Hole Size	Casing Size	Setting Depth	Sacks Cmt	TOC		
41	DONNELLY KELLY STATE	1	30-015-02367	6-3/4"	—	—	—	—	None	Drilled & Abandoned - 5-16-1957.
42	DONNELLY KELLY STATE	2	30-015-02644	7"	5-1/2"	2485'	100	1517'	2145-2468' (64)	IP 4/01/58 - 41 BOPD
43	DONNELLY KELLY STATE	3	30-015-23815	7-7/8"	4-1/2"	2510'	675	Surface	2039-2475' (48)	IP 7/08/91 - 10 BOPD, 9 MCFD, 5 BWPD.
44	STATE N	1	30-015-02643	7-7/8"	5-1/2"	2167'	150	1310'	2002-2120' (37)	IP 12/15/56 - 62 BOPD
45	AMIN STATE	1	30-015-24785	7-7/8"	5-1/2"	2476'	700	Surface	2120-2301' (20)	IP 5/28/84 - 17 BOPD, 55 BWPD. P&A'd - 1/31/2000.
46	EDDY BOA STATE	1	30-015-02638	6-3/4"	4-1/2"	2392'	375	Surface	2173-2318' ( )	IP 1/07/59 - 51 BOPD, 0 MCFD, 6 BWPD.
47	LEVERS A STATE	1	30-015-02656	n/a	4-1/2"	2309'	125	1753	1969-2303' (48)	IP 8/28/68 - 30 BOPD.
48	LEVERS A STATE	2	30-015-26895	7-7/8"	5-1/2"	2496'	378		1712-2269' (50)	Penrose, GB. IP 3/06/92 - 26 BOPD, 27 MCFD, 25 BWPD.
49	LEVERS A STATE	3	30-015-26896	7-7/8"	5-1/2"	2500'	395		2233-2392' (20)	QN, GB, SA. IP 6/08/92 - 6 BOPD, 10 MCFD, 57 BWPD.
50	MIMOSA 8 STATE COM	1	30-015-29875	12-1/4"	9-5/8"	2560'	900	Surface	None	Drilled & Abandoned - 1/20/1998.
				8-3/4"	4-1/2"	10665'	1700	500'		
51	NIX-STATE	1	30-015-06117	8"	n/a	n/a	n/a	n/a	N/A	Originally P&A'd 8/15/25. Re-Entry attempted 4/01/54.
										Junk csg at 500' - Unsuccessful. P&A'd 5/08/54 w/ 500 sx cmt.
52	SCOGGIN DRAW 8 STATE	1	30-015-29220	—	—	—	—	—	—	Well Never Drilled. Cancelled APD.
53	HUMBLE STATE	1	30-015-02662	7"	—	—	—	—	None	Drilled & Abandoned - 8/14/1959.
54	WEST ARTESIA GRAYBURG UNIT	18	30-015-01899	8"	5-1/2"	2317'	100	1918'	2009-2279' (112)	IP 7/15/60 (2115-2279') - 35 BOPD. Converted to WIW 11/26/69.
55	WEST ARTESIA GRAYBURG UNIT	19	30-015-01897	8"	5-1/2"	2145'	30	1984'	2131-2136' (20)	IP 2/19/58 - 140 BOPD.
56	STATE B	2	30-015-01896	7-7/8"	5-1/2"	2478'	150	1621'	2449-2471' (22)	IP 4/13/57 - 150 BOPD.
57	ADKINS STATE	1	30-015-01893	8"	5-1/2"	2480'	100		2402-2456' (200)	SA. IP 6/11/59 - 53 BOPD. TA Notice 10/15/97. Last Prod 8/90.
58	GRARIDGE STATE	3	30-015-01904	n/a	8-1/4"	526'	n/a	n/a	526-2136' (Open-Hole)	Top of pay @ 2002'. No IP data.
59	GRARIDGE STATE	4	30-015-01905	n/a	4-1/2"	1971'	350	Surface	1971-2001' (Open-Hole)	WIW - Injection began 6/01/65. Converted to Production 12/15/77.
60	HUMBLE STATE	1	30-015-01900	8"	5-1/2"	2376'	200		2171-2316' (248)	GB. IP 11/02/58 - 56 BOPD.
61	ILLINOIS CAMP 17 STATE COM	1	30-015-27394	12-1/4"	9-5/8"	2583'	1000	Surface	10,265-10,378' (60)	Morrow. IP 8/27/93 - 22 BO, 1420 MCF, 0 BW.
				8-3/4"	5-1/2"	10520'	2220	Surface		
62	SIGNAL STATE	2	30-015-01901	10"	7"	403'	Mudded	—	1883-2165' (Open-Hole)	Premier O/H. IP 7/02/69 - 60 BOPD - Flowing.
				8"	4-1/2"	1883'	100			
63	SIGNAL STATE	4	30-015-24606	7-7/8"	5-1/2"	2478'	500	Surface	2059-2218' (28)	GB. IP 10/18/83 - 30 BOPD, 70 BWPD.
64	WELCH STATE	2	30-015-01909	n/a	n/a	n/a	n/a	n/a	n/a	Drilled to 2148' - 8/26/25 as Three Sands #2. Deepened to 2404'
										12/31/52 by V.S. Welch. Very limited data available in records.
65	WELCH STATE	4	30-015-10452	8"	4-1/2"	2333'	150	1701	2038-2315' (13)	WIW in GB. Well T/A'd 02/20/66.
66	WELCH STATE	7	30-015-10451	8"	4-1/2"	2310'	150	OK	1991-2270' (14)	WIW in GB. Converted to Production 2/01/76.
										IP 1/20/76 - 4 BOPD, 2 BWPD, Flowing.
67	JENNINGS	1	30-015-23842	7-7/8"	4-1/2"	2634'	550	Surface	1725-2596' ( )	IP 7/31/81 - 21 BOPD, 28 MCFD, 1 BWPD.
68	BENNETT STATE	1	30-015-01927	7"	5-1/2"	2416'	100	OK	2374-2404' ( )	IP 8/20/57 - 54 BOPD. P&A'd - 8/16/1958.
69	GULF STATE	1	30-015-20275	7"	4-1/2"	2197'	100		1974-2127' ( )	IP 10/29/74 (1974-1986') - 120 BOPD.

Lease/Well No.	WEST ARTESIA GRAYBURG UNIT	ELEVATION	
	No. 15		
Location	330' FEL & 400' FSL		
	UT P, S 7, T18S, R28E	FIELD	ARTESIA
	EDDY CO, NM		
LEASE NO	FEE	Spudded	07/19/50 CABLE TOOLS
API No.	30-015-02634	Completed	09/01/50
		LAT	
		LONG	



SPOTTED 50 TO SURF
TOC 8 5/8" -- 142'
186'

376'

496'

SPOTTED @ 543' -- TOP 452'

SPOTTED @ 600' -- TOP 543'

SPOTTED @ 1100'

SPOTTED @ 1700'

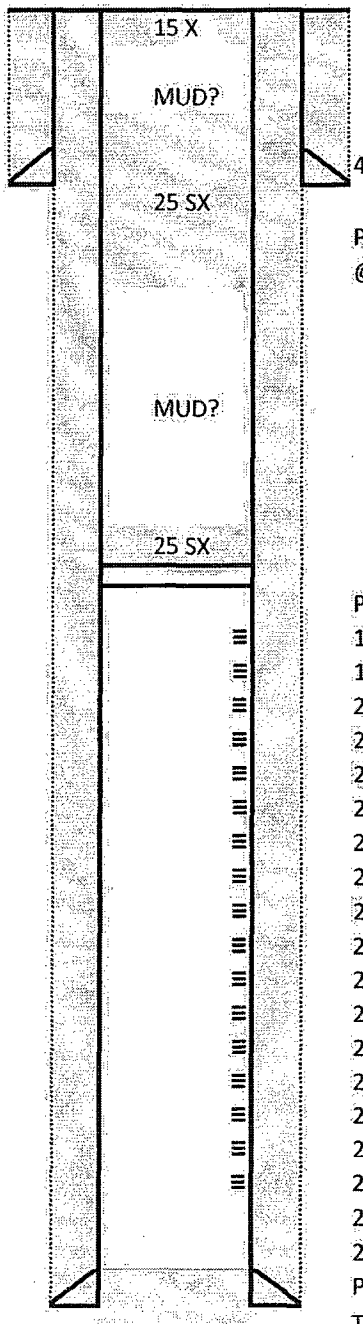
OK

SPOTTED @2235'

2,235' TD

CMB 01-20-11

Lease/Well No.	WAGU # 25	ELEVATION	GL 3619'
Location	1,650' FSL & 971' FEL		
	I, SEC 7, T18S, R28E	FIELD	ARTESIA; Q.GB,SA
	EDDY CO, NM		
LEASE NO	OG 780	Spudded	05/05/81
API No.	30-015-23741	Completed	05/11/81
		LAT	
		LONG	



12.25" HOLE

8 5/8" 24# J-55
CSG W/ 300 SX

477'

PLUG RPT'ED
@300 - 600'

CIBP @1,900'

7.875" HOLE

4 1/2", 10.5 #
CSGW/ 625SX
@ 2,523'

TOPS	FT
YATES	
SVN RIVERS	
QUEEN	
GRAYBURG	
SAN ANDRES	

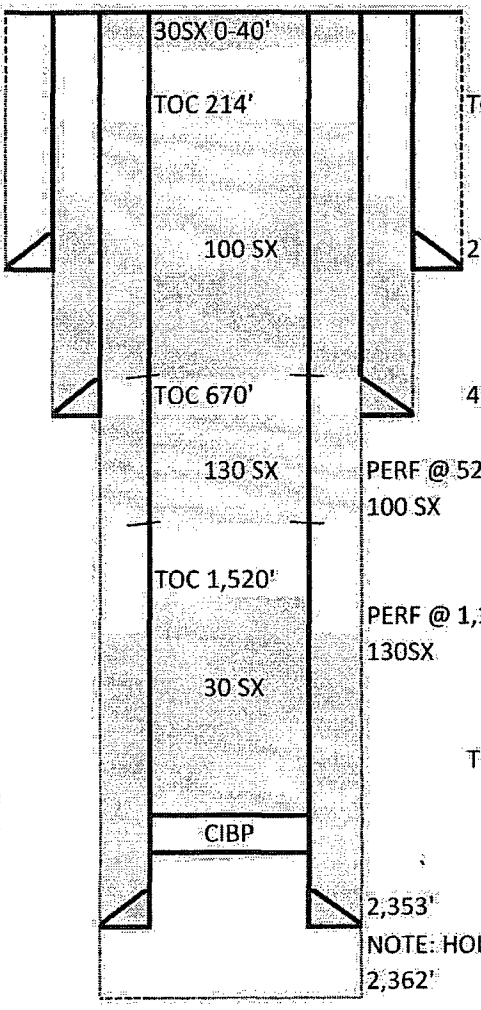
PERFS

1917-25	8 SHOTS
1985-91	6 SHOTS
2029-33	4 SHOTS
2035-37	2 SHOTS
2061-63	2 SHOTS
2065-67	2 SHOTS
2091-93	2 SHOTS
2097-99	2 SHOTS
2150-58	16 SHOTS
2280-82	2 SHOTS
2303-05	2 SHOTS
2324-28	4 SHOTS
2341-45	4 SHOTS
2356-60	4 SHOTS
2380-82	2 SHOTS
2418-20	2 SHOTS
2425-27	2 SHOTS
2456-68	12 SHOTS
2486-90	4 SHOTS

PBTD @ 2,500'
TD @ 2,530'

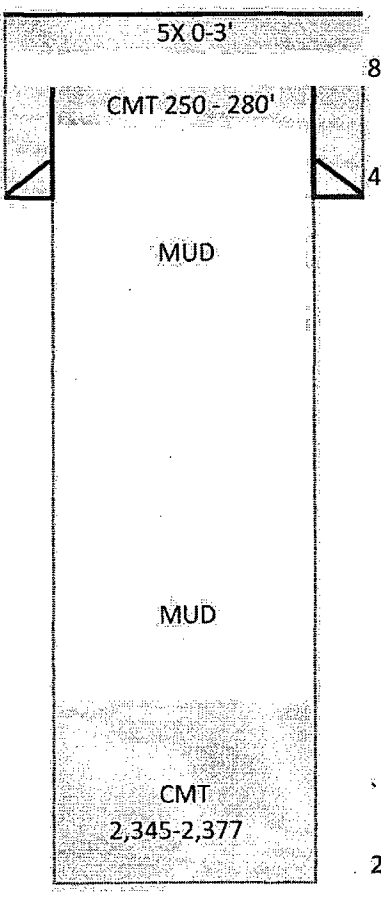
CMB 10-14-10

Operator	KERSEY & COMPANY		
Lease/Well No.	TEXACO ST NO. 2	ELEVATION	3,611' GR
	1,650' FEL & 1,650' FSL		
	UT J, S 7, T 18S, R28E	FIELD	ARTESIA POOL
	EDDY CO, NM		
LEASE NO	OG 1409	Spudded	12/23/61 CABLE TOOLS
API No.	30-015-02633	Completed	01/22/62
		LAT	
		LONG	



CMB 01-19-11

Operator	J.F. BEDINGFIELD		
Lease/Well No.	HUMBLE ST NO. 1	ELEVATION	3,615 GR
Location	1,659' FEL & 2,310' FNL		
	UT G, S 7, T 18S, R28E	FIELD	ARTESIA POOL (1958)
	EDDY CO, NM		
LEASE NO	B-11539	Spudded	03/19/58 Cable tools
API No.	30-015-02629	Completed	04/17/58
		LAT	
		LONG	

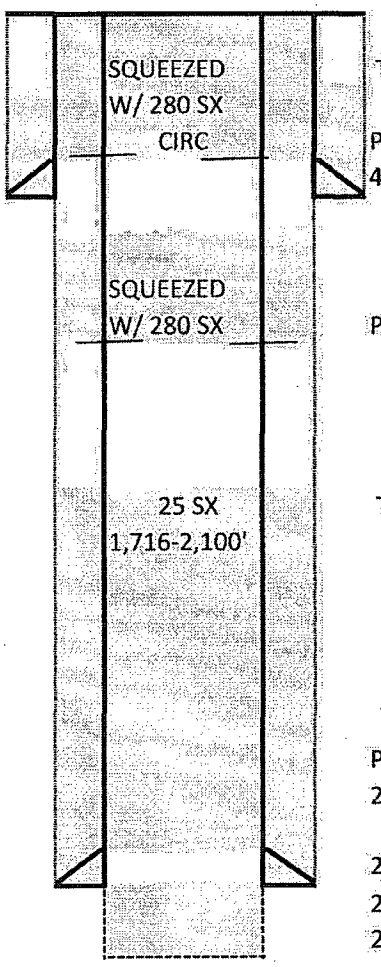


- 1845 = GBG

= 2330 = SA

CMB 01-19-11

Lease/Well No.	WEST ARTESIA GRAYBURG UT NO. 10	ELEVATION	
Location	2,200' FWL & SL UT K, S 8, T18S, R 28E EDDY CO., NM	FIELD	ARTESIA
LEASE NO	E-7179	Spudded	02/13/62
API No.	30-015-02646	Completed	03/10/62
		LAT	
		LONG	



10 3/4" HOLE

8 5/8" 24PPF
W/ 50 SX

8" HOLE

4 1/2" 9.5PPF
W/ 75X

TOC 8 5/8" 247'

PERF'ED @ 400'

442'

PERF'ED @ 1,442

TOC 4 1/2" – 1,732'

PERFS
2,007-2,017'

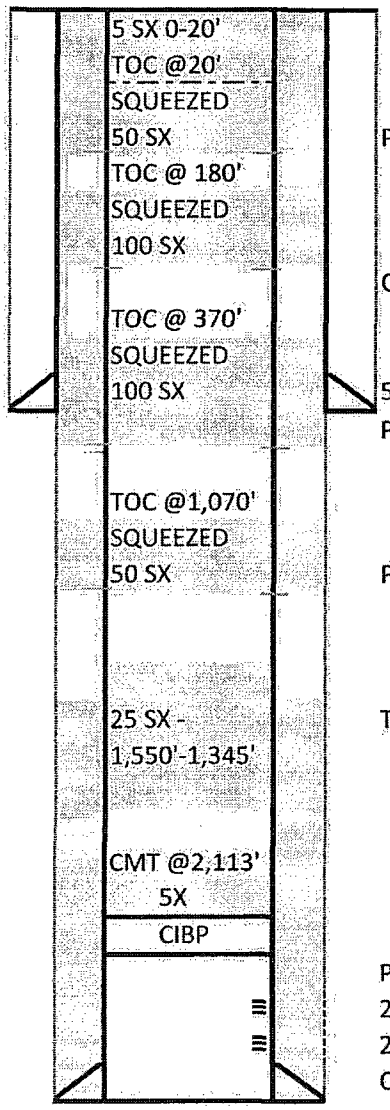
2,058'

2,060' PBTD

2,311' TD

CMB 01-20-11

Lease/Well No.	WEST ARTESIA GRAYBURG UT NO. 11	ELEVATION	KB
Location	1,650' FS&WL		GL 3603'
	UT K, S 8, T 18S, R 28E EDDY CO, NM	FIELD	ARTESIA; Q,GB,SA
LEASE NO	TRACT 5 - E 7179	Spudded	12/12/58
API No.	30-015-02655	Completed	01/17/58
		LAT	
		LONG	



NOTE: HOLE FILLED W/ MUD BEFORE PUMPING CMT

PERFED @ 60'

10" HOLE

CUT @ 300' CSG WAS NOT FREE

8 5/8" 24# J-55 CSG W/ MUD

500'

PERFED @ 600'

PERFED @1,200'

8" HOLE

TOC 5 1/2" -- 1,550'

CIBP @ 2,160' W/ 5X CAP

PERFS
2218' - 2228' 40 HOLES
2256' - 2272' 48 HOLES

5 1/2", 15.5 # CSGW/100SX

CSG @ 2305'

CMB 01-20-11

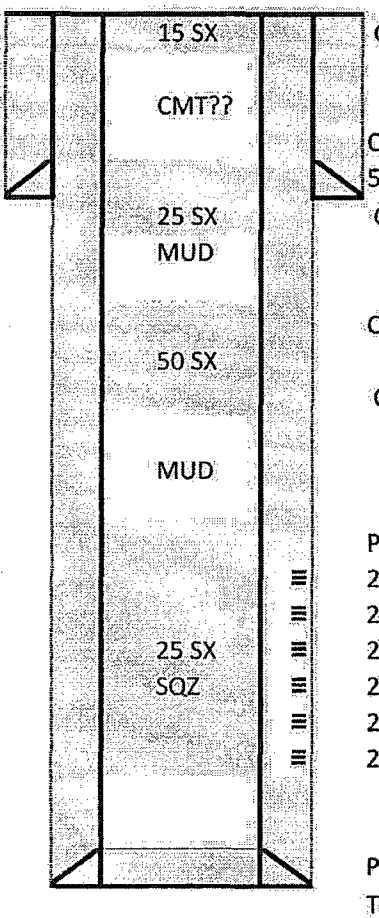
Lease/Well No.	WEST ARTESIA GRAYBURG UT	ELEVATION	GL 3625'
	WELL NO. 23		
Location	971' FWL & 2,269'FSL		
	UT L, S 8, T 18S, R 28E	FIELD	ARTESIA; Q.GB,SA
	EDDY CO, NM		
LEASE NO	TRACT 5 - E-7179	Spudded	03/14/81
API No.	30-015-23648	Completed	03/12/81
		LAT	
		LONG	

12.25" HOLE

8 5/8" 24# J-55
CSG W/ 300 SX

7.875" HOLE
TOP PLUG @
1,629'

4 1/2", 10.5 #
CSGW/ 625SX



CMT RPT'ED @SURF

CMT PLUG TOP EST 181'
500'

CMT RPT'ED @ 550'

CMT PLUG TOP EST 713'

CMT RPT'ED @ 1450'

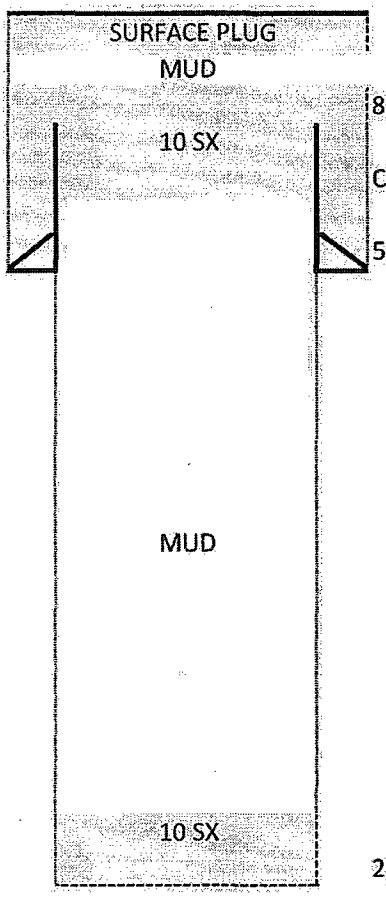
PERFS

2070-76'	6 SHOTS
2090-94	4 SHOTS
2100-08	8 SHOTS
2187-93	6 SHOTS
2224-28	4 SHOTS
2234-36	4 SHOTS

PBTD @ 2301'
TD @ 2,320'

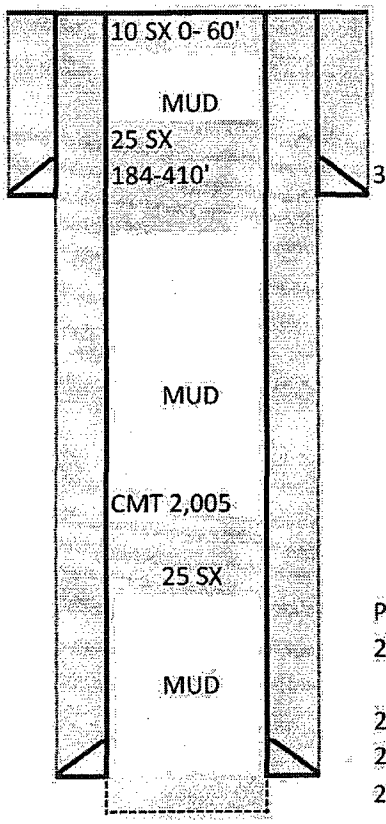
CMB 10-14-10

Operator	DONNELLEY DRILLING CO		
Lease/Well No.	DONNELLEY KELLEY ST NO. 1	ELEVATION	
Location	660' FSL & 1,980' FEL		
	UT 0, S 8, T 18S, R 28E	FIELD	ARTESIA
	EDDY CO, NM		
LEASE NO		Spudded	04/16/57 CABLE TOOLS
API No.	30-015-02637	Completed	05/15/57
		LAT	
		LONG	



CMB 01-21-11

Operator:	MOREXCO INC.		
Lease/Well No.	AMIN ST NO. 1	ELEVATION	3,641 GR
Location	UT A, S 8, T18S, R28E		
	990' FN &EL	FIELD	ARTESIA
	EDDY CO, NM		
LEASE NO	E-7179	Spudded	04/20/84 ROTARY
API No.	30-015-24785	Completed	04/26/84
		LAT	
		LONG	



8 5/8" 23 PPF
W/300 X CIRC

360'

PERFS
2,120'- 2,301

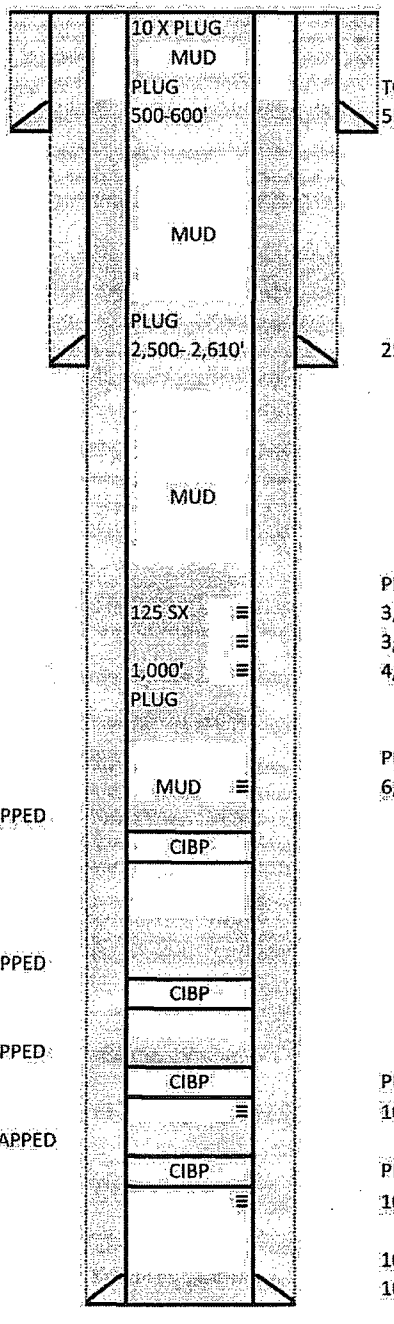
2,450' PBTD

5 1/2" 15.5 PPF
W/ 700 X CIRC

2,476'
2521' TD

CMB 01-20-11

Operator	MARBOB		
Lease/Well No.	MIMOSA 8 ST COM NO. 1	ELEVATION	3,612' GR
Location	350' FSL & 2,003 FWL		
	UT N, S 8 T18S R28E	FIELD	ILLINOIS CAMP, NORTH (MORROW)
	EDDY CO, NM		
LEASE NO		Spudded	10/12/97
API No.	30-015-29875	Completed	11/25/97
		LAT	
		LONG	



17 1/2" HOLE

13 3/8" 54.5 PPF
W/ 600X CIRC

TOC 5 1/2" – 500'
550'

12 1/4" HOLE

9 5/8" 36 PPF
W/900 SX CIRC

2560'

8 3/4" HOLE

PERFS
3,503-3,628'
3,758-3,936'
4,130-4,432'

PERFS
6,315-20'

CIBP @ 6,363' CAPPED
W/ 20' CMT

CIBP @ 8,400' CAPPED
W/ 100' CMT

CIBP @ 9,950' CAPPED
W/ 20' CMT

PERFS
10,000-34'

CIBP @ 10,365' CAPPED
W/ 20' CMT

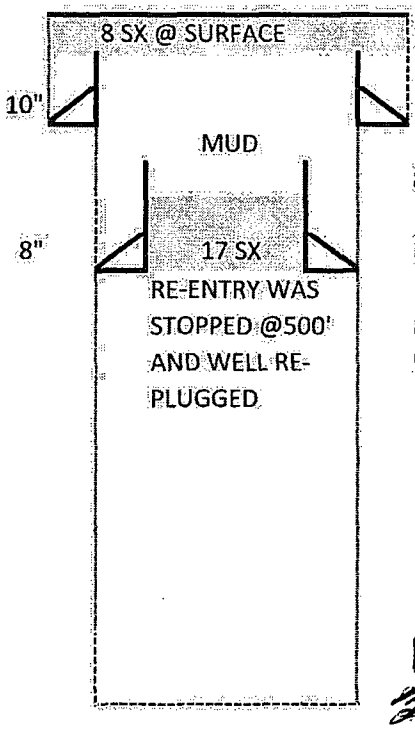
PERFS
10,394-406'

10,584 PBTD
10,655' TD

5 1/2" 17 PPF
W/1,700 SX

CMB 01-21-11

Operator	V. S. WELCH			
Lease/Well No.	NIX-STATE NO. 1	ELEVATION	3,629'	
Location	250' FEL & 1,070' FSL			
	UT P, S 8, T 18S, R 28E	FIELD	ARTESIA	
	EDDY CO, NM			
LEASE NO		Spudded	1925	CABLE TOOLS
API No.	30-015-06117	Completed	1925	
		ATEMPTED RE-ENTRY	05-07 TO 08/1954	



10" STUB @ 50'

8" STUB @ 290'

NO DEPTH REPORTED

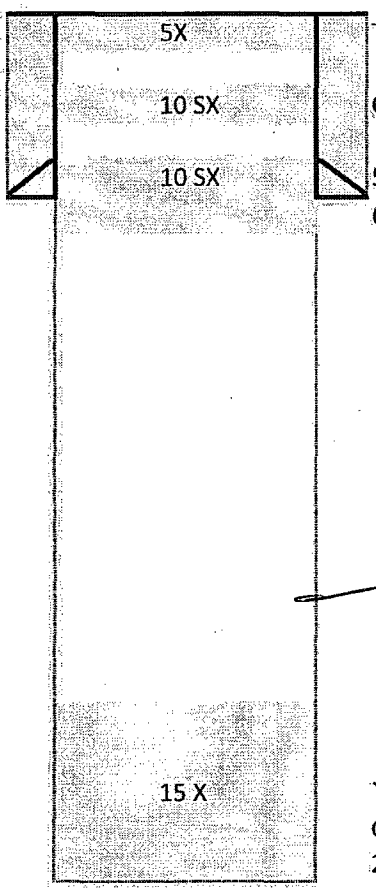
NO RECORDS AVAILABLE ON 1925 PLUGGING

Collapsed Casing / Crooked Hole

Drilled TO 2378' in 1925

CMB 01-21-11

Operator	LEONARD NICHOLS		
Lease/Well No.	HUMBLE ST NO. 1	ELEVATION	3,364' GR
Location	330' FWL & 2,310' FSL		
	UT L, S 9, T 18S, R28E	FIELD	ARTESIA POOL (1959)
	EDDY CO, NM		
LEASE NO	B-11539	Spudded	07/09/59 Cable tools
API No.	30-015-02662	Completed	08/08/59
		LAT	
		LONG	



TOC SURF

10" HOLE

CMT SPOTTED @ 255'

8 5/8" 28 ppf csg w/ 100 x

516'

CMT SPOTTED @ 520'

Dry Hole

8" hole

2005 Top Lime

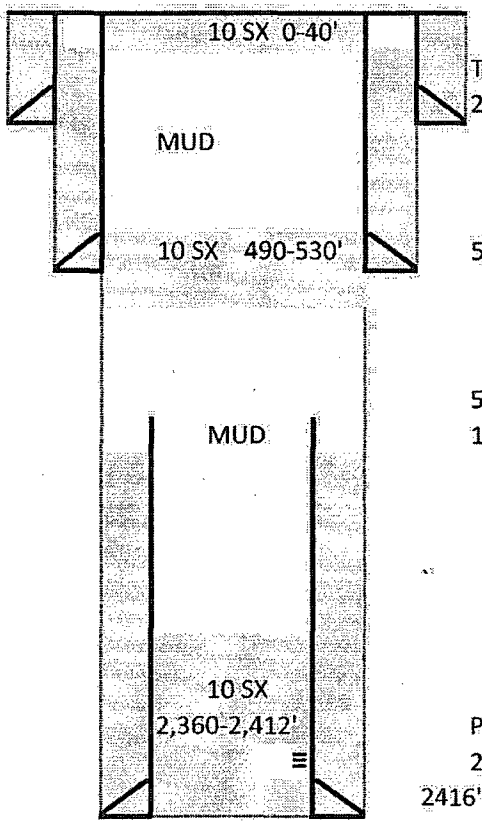
X

CMT SPOTTED @ 2,555'

2,555' TD

CMB 01-19-11

Operator	BYARD BENNETT		
Lease/Well No.	BENNETT ST No. 1	ELEVATION	3,604' GR
	660' FEL & 1,980' FNL		
	UT H, S 18, T 18S, R28E	FIELD	ARTESIA POOL
	EDDY CO, NM		
LEASE NO	E-828	Spudded	06/20/57
API No.	30-015-01927	Completed	08/09/57
		LAT	
		LONG	



CMB 01-19-11

MITCHELL ANALYTICAL LABORATORY

2638 Faudree
Odessa, Texas 79765-8538
561-5579

Company: ***WadeCo Specialties, LLC***

Well Number:	State A & E	Sample Temp:	70
Lease:	Alamo	Date Sampled:	1/27/2011
Location:		Sampled by:	Wade Havens
Date Run:	1/27/2011	Employee #:	
Lab Ref #:	11-jan-w20470	Analyzed by:	DOM

Dissolved Gases

			Mg/L	Eq. Wt.	MEq/L
Hydrogen Sulfide	(H2S)		.00	16.00	.00
Carbon Dioxide	(CO2)	**NOT ANALYZED**			
Dissolved Oxygen	(O2)	**NOT ANALYZED**			

Cations

Calcium	(Ca++)		2,379.84	20.10	118.40
Magnesium	(Mg++)		722.24	12.20	59.20
Sodium	(Na+)		63,731.93	23.00	2,770.95
Barium	(Ba++)	**NOT ANALYZED**			
Manganese	(Mn+)		.35	27.50	.01

Anions

Hydroxyl	(OH-)		.00	17.00	.00
Carbonate	(CO3=)		.00	30.00	.00
BiCarbonate	(HCO3-)		659.88	61.10	10.80
Sulfate	(SO4=)		3,000.00	48.80	61.48
Chloride	(Cl-)		102,112.20	35.50	2,876.40

Total Iron	(Fe)		2.03	18.60	.11
Total Dissolved Solids			172,608.47		
Total Hardness as CaCO3			8,910.78		
Conductivity MICROMHOS/CM			196,400		

pH 6.610 Specific Gravity 60/60 F. 1.120

CaSO4 Solubility @ 80 F. 86.25MEq/L, CaSO4 scale is unlikely

CaCO3 Scale Index

70.0	.519	100.0	.869	130.0	1.499
80.0	.619	110.0	1.179	140.0	1.499
90.0	.869	120.0	1.179	150.0	1.869

WadeCo Specialties, LLC

MITCHELL ANALYTICAL LABORATORY

2638 Faudree
Odessa, Texas 79765-8538
561-5579

Company: ***WadeCo Specialties, LLC***

Well Number:	Lime Rock Supply Water	Sample Temp:	70
Lease:	Alamo	Date Sampled:	1/27/2011
Location:		Sampled by:	Wade Havens
Date Run:	1/27/2011	Employee #:	
Lab Ref #:	11-jan-w20471	Analyzed by:	DOM

Dissolved Gases

			Mg/L	Eq. Wt.	MEq/L
Hydrogen Sulfide	(H2S)		55.00	16.00	3.44
Carbon Dioxide	(CO2)	**NOT ANALYZED**			
Dissolved Oxygen	(O2)	**NOT ANALYZED**			

Cations

Calcium	(Ca++)		2,677.32	20.10	133.20
Magnesium	(Mg++)		409.92	12.20	33.60
Sodium	(Na+)		64,796.97	23.00	2,817.26
Barium	(Ba++)	**NOT ANALYZED**			
Manganese	(Mn+)		.40	27.50	.01

Anions

Hydroxyl	(OH-)	.00	17.00	.00
Carbonate	(CO3=)	.00	30.00	.00
BiCarbonate	(HCO3-)	635.44	61.10	10.40
Sulfate	(SO4=)	3,650.00	48.80	74.80
Chloride	(Cl-)	102,913.08	35.50	2,898.96

Total Iron	(Fe)	1.51	18.60	.08
Total Dissolved Solids		175,139.64		
Total Hardness as CaCO3		8,373.97		
Conductivity MICROMHOS/CM		194,800		

pH 6.580 Specific Gravity 60/60 F. 1.122

CaSO4 Solubility @ 80 F. 85.74MEq/L, CaSO4 scale is unlikely

CaCO3 Scale Index

70.0	.524	100.0	.874	130.0	1.504
80.0	.624	110.0	1.184	140.0	1.504
90.0	.874	120.0	1.184	150.0	1.874

MITCHELL ANALYTICAL LABORATORY

2638 Faudree
Odessa, Texas 79765-8538
561-5579

Company: ***WadeCo Specialties, LLC***

Well Number:	Solt State	Sample Temp:	70
Lease:	Alamo	Date Sampled:	1/27/2011
Location:		Sampled by:	Wade Havens
Date Run:	1/27/2011	Employee #:	
Lab Ref #:	11-jan-w20472	Analyzed by:	DOM

Dissolved Gases

			Mg/L	Eq. Wt.	MEq/L
Hydrogen Sulfide	(H2S)		.00	16.00	.00
Carbon Dioxide	(CO2)	**NOT ANALYZED**			
Dissolved Oxygen	(O2)	**NOT ANALYZED**			

Cations

Calcium	(Ca++)		3,216.00	20.10	160.00
Magnesium	(Mg++)		932.08	12.20	76.40
Sodium	(Na+)		62,663.49	23.00	2,724.50
Barium	(Ba++)	**NOT ANALYZED**			
Manganese	(Mn+)		.59	27.50	.02

Anions

Hydroxyl	(OH-)		.00	17.00	.00
Carbonate	(CO3=)		.00	30.00	.00
BiCarbonate	(HCO3-)		342.16	61.10	5.60
Sulfate	(SO4=)		2,500.00	48.80	51.23
Chloride	(Cl-)		103,113.30	35.50	2,904.60

Total Iron	(Fe)		9.46	18.60	.51
Total Dissolved Solids			172,777.08		
Total Hardness as CaCO3			11,861.53		
Conductivity MICROMHOS/CM			161,400		

pH 6.470 Specific Gravity 60/60 F. 1.120

CaSO4 Solubility @ 80 F. 69.21MEq/L, CaSO4 scale is unlikely

CaCO3 Scale Index

70.0	.224	100.0	.574	130.0	1.204
80.0	.324	110.0	.884	140.0	1.204
90.0	.574	120.0	.884	150.0	1.574

WadeCo Specialties, LLC

NMOCD Form C-108 – Sec. VIII: Fresh Water Data

West Artesia Grayburg Unit Area
Eddy Co., New Mexico

Sections 7, 8, & 17 of Township 18-S, Range 28-E

As part of this Application, Alamo Permian Resources conducted a review of the Fresh Water Data available across the West Artesia Grayburg Unit ("WAGU") Area by accessing the New Mexico Water and Infrastructure Data System ("WAIDS") for public data on the location and depth of underground sources of drinking water in this Area.

Fresh water can be found in the Ogallala, Quaternary Alluvium, and Rustler formations in various locations across Southeastern New Mexico. In the WAGU Area, however, Fresh Water is found only in the Quaternary Alluvium formation. The Quaternary Alluvium formation ranges in depth across the WAGU Area from approximately 140 feet in the north part of the WAGU, down to approximately 160 feet in the southern part of WAGU. A copy of the fresh water data from the seven (7) sites found in the WAIDS system is attached for review, showing chlorides ranging from 6 mg/l to 208 mg/l for the 7 samples.

An additional complete detailed fresh water analysis from a fresh water well (windmill) located in UL-A, Section 18, Township 18S, Range 28E is included in Section XI of this Application, which indicates a chlorides content of 47.05 mg/l.

There are no known Fresh Water sources below the Grayburg formation injection intervals in the West Artesia Grayburg Unit Area.

FRESH WATER DATA
Source : NM WAIDS Printed 01-22-11

SID:	13042				
Latitude:	32.7763	Longitude:	-104.1816		
Section:	4	Township:	18S	Range:	28E
WBF:	QAL	Formation:	OAL		
Depth:	145	Elevation:	3640		
Temperature:	0				
Date Collected:	Tue Apr 30 00:00:00 MDT 1957	Collector:	USG	Point of Collection:	YT
Use:	Domestic				
Conductivity:	798				
Chlorides(mg/L):	6				

SID:	10218				
Latitude:	32.7763	Longitude:	-104.1816		
Section:	4	Township:	18S	Range:	28E
WBF:	QAL	Formation:	OAL		
Depth:	145	Elevation:	3640		
Temperature:	0				
Date Collected:	Sun May 19 00:00:00 MDT 1985	Collector:	SEO	Point of Collection:	DP
Use:	Commercial				
Conductivity:	980				
Chlorides(mg/L):	41				

SID:	9113				
Latitude:	32.7763	Longitude:	-104.1816		
Section:	4	Township:	18S	Range:	28E
WBF:	QAL	Formation:	OAL		
Depth:	145	Elevation:	3640		
Temperature:	0				
Date Collected:	Wed Sep 19 00:00:00 MDT 1990	Collector:	SEO	Point of Collection:	DP
Use:	null				
Conductivity:	1260				
Chlorides(mg/L):	76				

FRESH WATER DATA
Source : NM WAIDS Printed 01-22-11

SID:	9650				
Latitude:	32.7618	Longitude:	-104.2159		
Section:	7	Township:	18S	Range:	28E
WBF:	QAL	Formation:	QAL		
Depth:	140	Elevation:	3594		
Temperature:	65				
Date Collected:	Tue Oct 8 00:00:00 MDT 1985	Collector:	SEO	Point of Collection:	DP
Use:	Stock				
Conductivity:	1535				
Chlorides(mg/L):	255				

SID:	9357				
Latitude:	32.7618	Longitude:	-104.2159		
Section:	7	Township:	18S	Range:	28E
WBF:	QAL	Formation:	QAL		
Depth:	140	Elevation:	3594		
Temperature:	64				
Date Collected:	Wed Nov 23 00:00:00 MST 1988	Collector:	SEO	Point of Collection:	DP
Use:	Stock				
Conductivity:	2209				
Chlorides(mg/L):	280				

SID:	27744				
Latitude:	32.7618	Longitude:	-104.2159		
Section:	7	Township:	18S	Range:	28E
WBF:	PR	Formation:	RSLR		
Depth:	140	Elevation:	3549		
Temperature:	65				
Date Collected:	Wed Mar 9 00:00:00 MST 1994	Collector:	SEO	Point of Collection:	DP
Use:	Stock				
Conductivity:	2010				
Chlorides(mg/L):	208				

FRESH WATER DATA
Source : NM WAIDS Printed 01-22-11

SID:	26392				
Latitude:	32.7473	Longitude:	-104.1988		
Section:	17	Township:	18S	Range:	28E
WBF:	PAT	Formation:	ARTESIA		
Depth:	160	Elevation:	3599		
Temperature:	0				
Date Collected:	Tue Oct 8 00:00:00 MDT 1985	Collector:	SEO	Point of Collection:	DP
Use:	Stock				
Conductivity:	275				
Chlorides(mg/L):	6				

NMOCD Form C-108 – Sec. VIII: Geologic Data

West Artesia Grayburg Unit Area

Eddy Co., New Mexico

Sections 7, 8, & 17 of Township 18-S, Range 28-E

The unitized producing formation under the West Artesia Grayburg Unit ("WAGU") in Sections 7, 8, and 17 of Township 18-S, Range 28-E in Eddy County, NM is the Grayburg Formation. In the WAGU Area, the Grayburg Formation is comprised of a succession of Middle Permian age dolomite, anhydritic dolomite, and radioactive sandstones which are located on the northern rim (Northwest Shelf) of the Delaware Basin. The main producing lithology in the Grayburg is sandstone, although the non-anhydritic dolomites sometimes develop porosity as well over the formation interval.

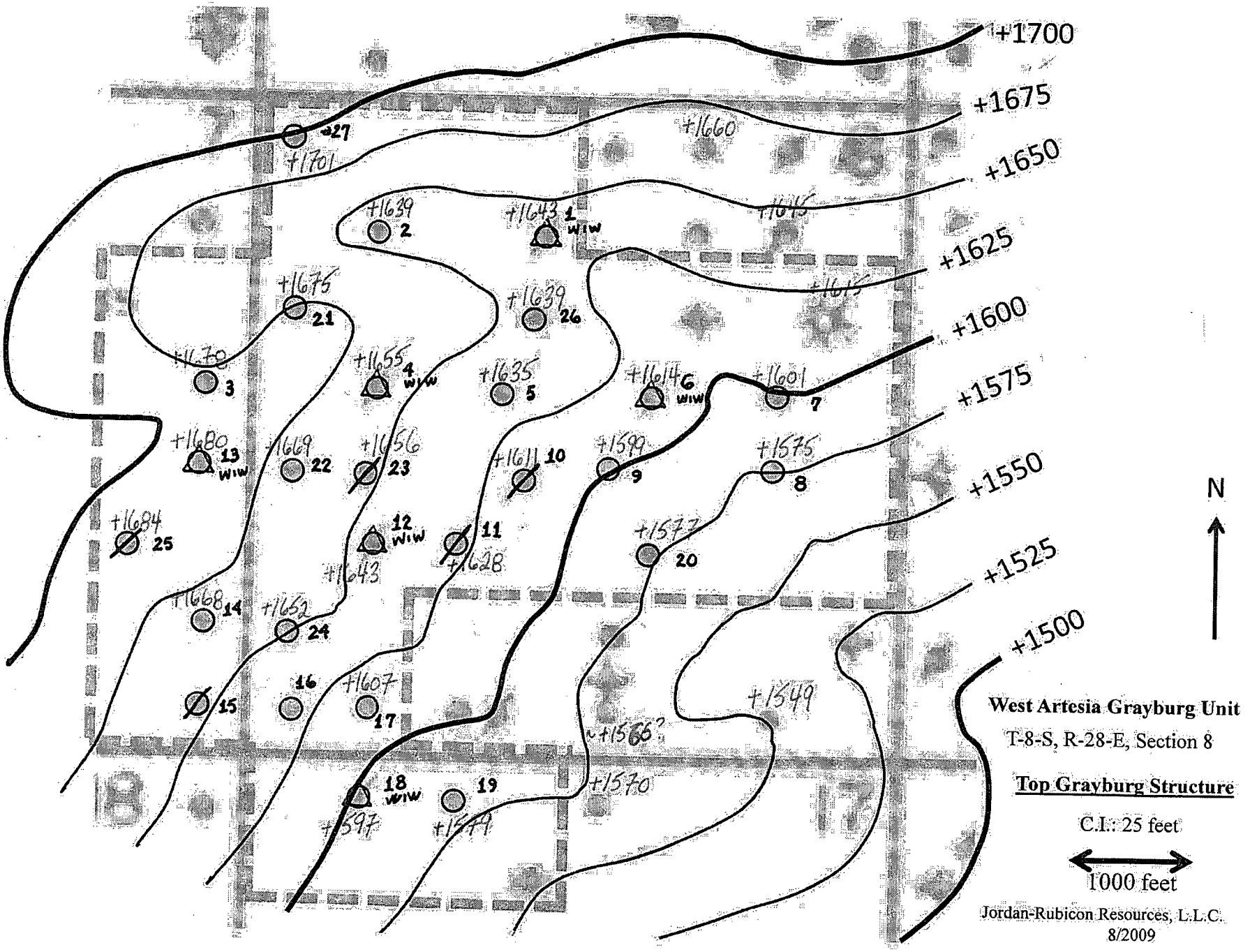
Two stratigraphic formations produce in the WAGU Area, the Queen and Grayburg formations. The oldest is the Grayburg which produces from sandstone and dolomite at depths ranging from approximately 2,000' to 2,250'. The Grayburg is overlain by the Queen which produces from two individual sandstone layers, one situated directly above the Grayburg (included in Grayburg Zone #12), and the other located approximately 350' above the top of the Grayburg (herein referred to as the Queen "1650" Zone).

These sandstones are thin remnants or "lags" of the large amounts of sand sediments that travelled across the shelf during relative shallowings of sea level and eventually came to rest as layers of the Brushy Canyon and Cherry Canyon formations in the Delaware Basin.

The attached Structure Map on the top of the Grayburg Formation shows approximately 175 feet of structural dip across the WAGU Area, generally from the northwest to the southeast (see attached Structure Map).

For the purpose of documenting and illustrating the producing and water-injecting stratigraphy of the WAGU wells, Alamo Permian Resources has sub-divided the Grayburg into 12 stratigraphic units or zones. These 12 stratigraphic zones range from Zone #1 at the base of the Grayburg to Zone #12 at the top of the Grayburg (see attached WAGU Type Log).

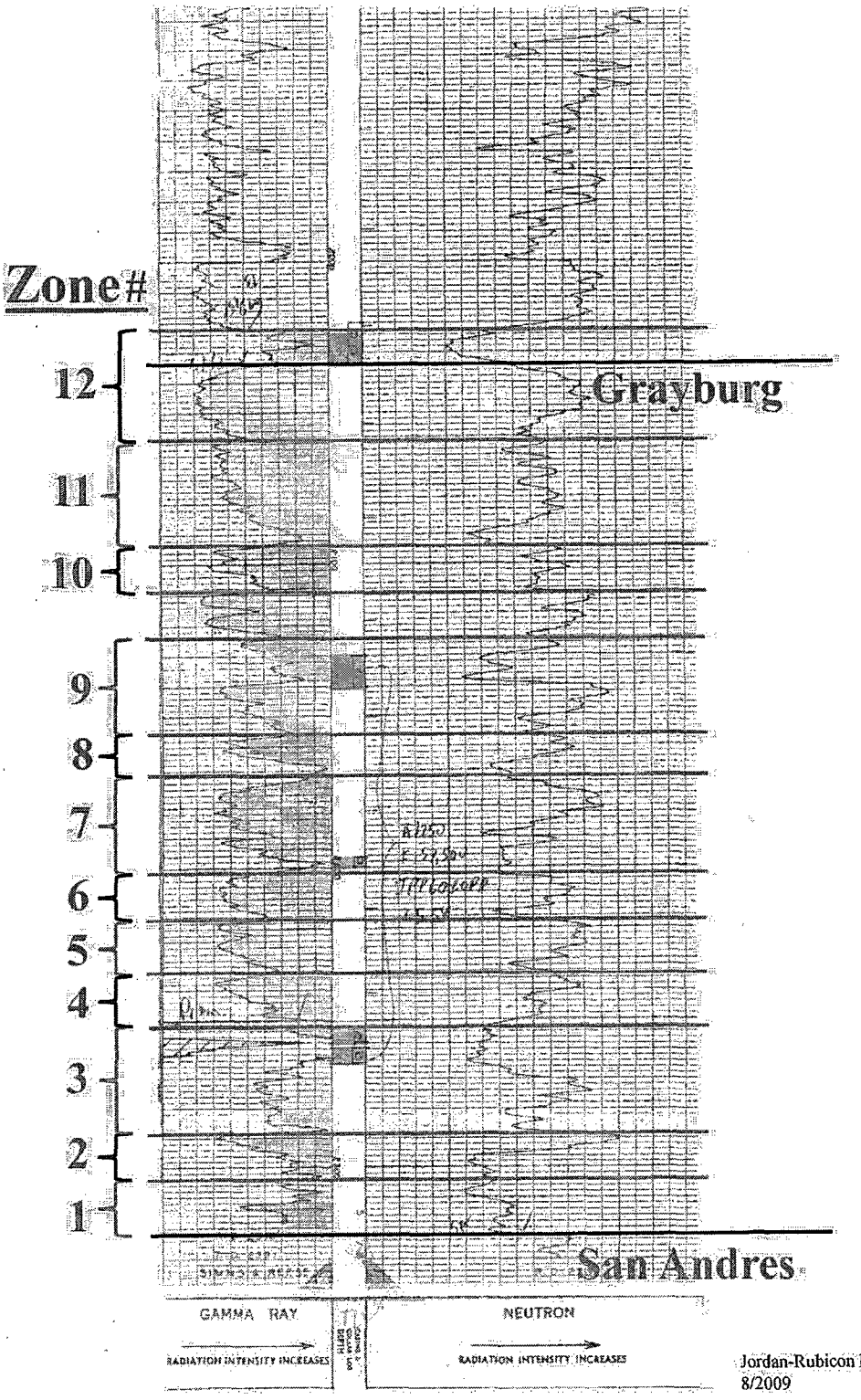
Based on analysis and evaluation to-date, Alamo Permian Resources believes that each of the 12 Grayburg Zones are productive across the WAGU Area where porosity is found to be developed. Current plans are to add perforations in existing water injection and producing wells within the West Artesia Grayburg Unit with developed porosity which have not been previously completed. This should improve injection-production conformance within the Unit, increasing oil production and developing previously by-passed oil reserves.


+1700
+1675
+1650
+1625
+1600
+1575
+1550
+1525
+1500
N
West Artesia Grayburg Unit
T-8-S, R-28-E, Section 8
Top Grayburg Structure
C.I.: 25 feet
1000 feet
Jordan-Rubicon Resources, L.L.C.
8/2009

West Artesia Grayburg Unit - TYPE LOG

And Key to
Perforated Intervals

WAGU #9



Jordan-Rubicon Resources, L.L.C.
8/2009

NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

BILL RICHARDSON
Governor
Joanna Prukop
Cabinet Secretary

Mark E. Fesmire, P.E.
Director
Oil Conservation Division

Date Oct 30 - 2009

API # 30-015 - 02645

Dear Operator:

I have this date performed a Mechanical Integrity Test on the West Rossia Delaware Unit #1.

✓ If this test was successful the original chart has been retained by the NMOCD and will be scanned into the well's file in 7 to 10 days, pending receipt of the Form C-103 indicating the reason for this test. The well files are located at www.emnrd.state.nm.us/ocd/OCDOnline.htm

___ If this test was unsuccessful the original chart has been returned to the operator pending repair and retest of the well, which must be accomplished within 90 days. If this is a test of a repaired well, previously in non-compliance, all dates and requirements of the original non-compliance are still in effect. No expectation of extension should be construed as a result of this test.

___ If this test was for Temporary Abandonment include in your detailed description, on Form C-103, the location of the CIBP and any other tubular goods in the well, as well as your request for TA status.

___ If this is a successful test of a repaired well you must submit a form C-103 to NMOCD within 30 days. This C-103 must include a **detailed** description of the repair to the well. Only after receipt of the C-103 will the non-compliance be closed.

___ If this is a successful Initial Test of an injection well you must submit a form C-103 to NMOCD within 30 days. This C-103 must include a **detailed** description of the work done on this well including the position of the packer, tubing information and the date you began injection into the well.

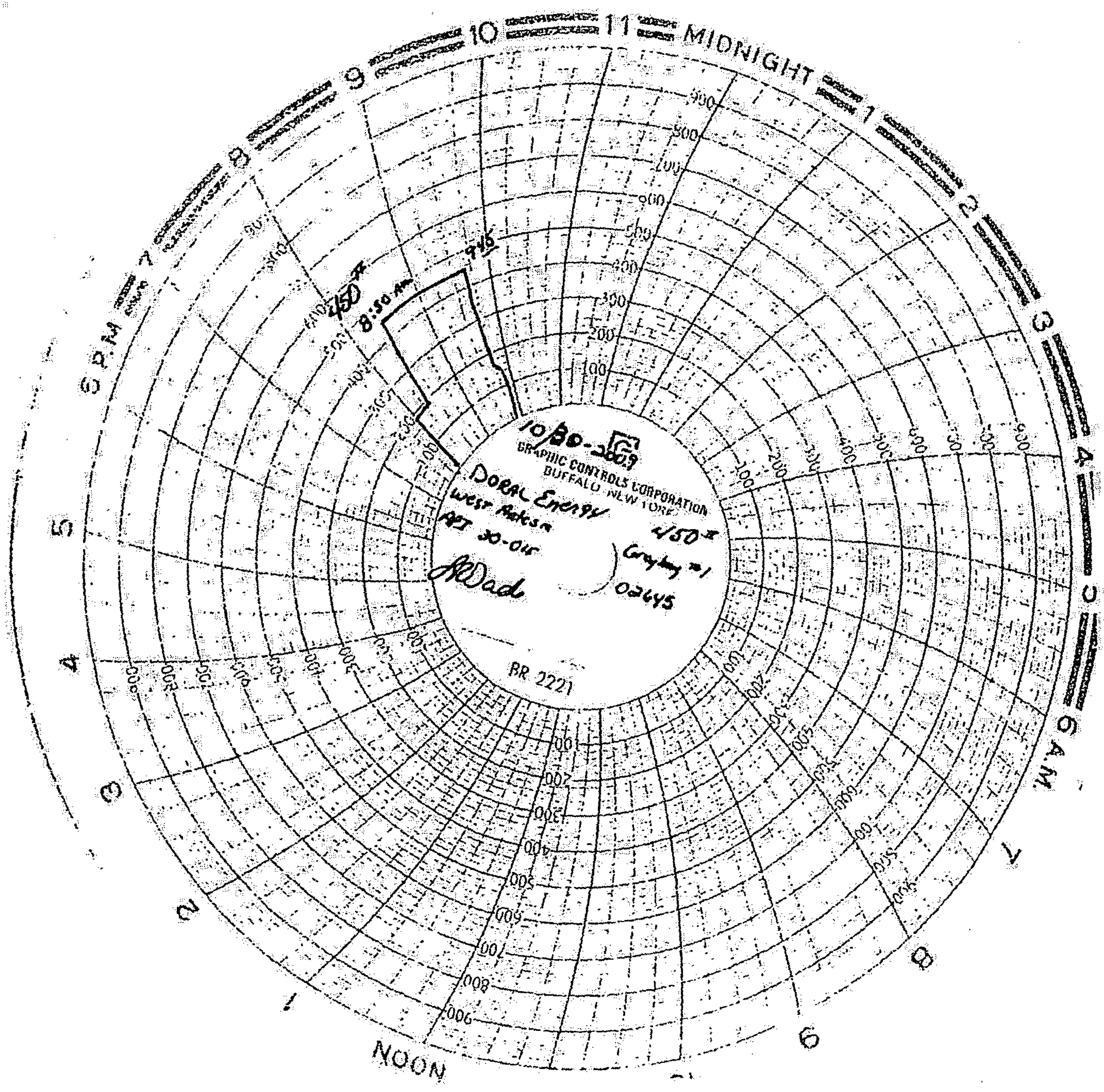
If I can be of additional service contact me at (505) 748-1283 ext 107.

Thank You

Richard Inge
Field Inspector
District II - Artesia

og_ita

15:10:7
11ALAMO - WAGU FormC-108 - X. CurrentMITs - 01-24-11.pdf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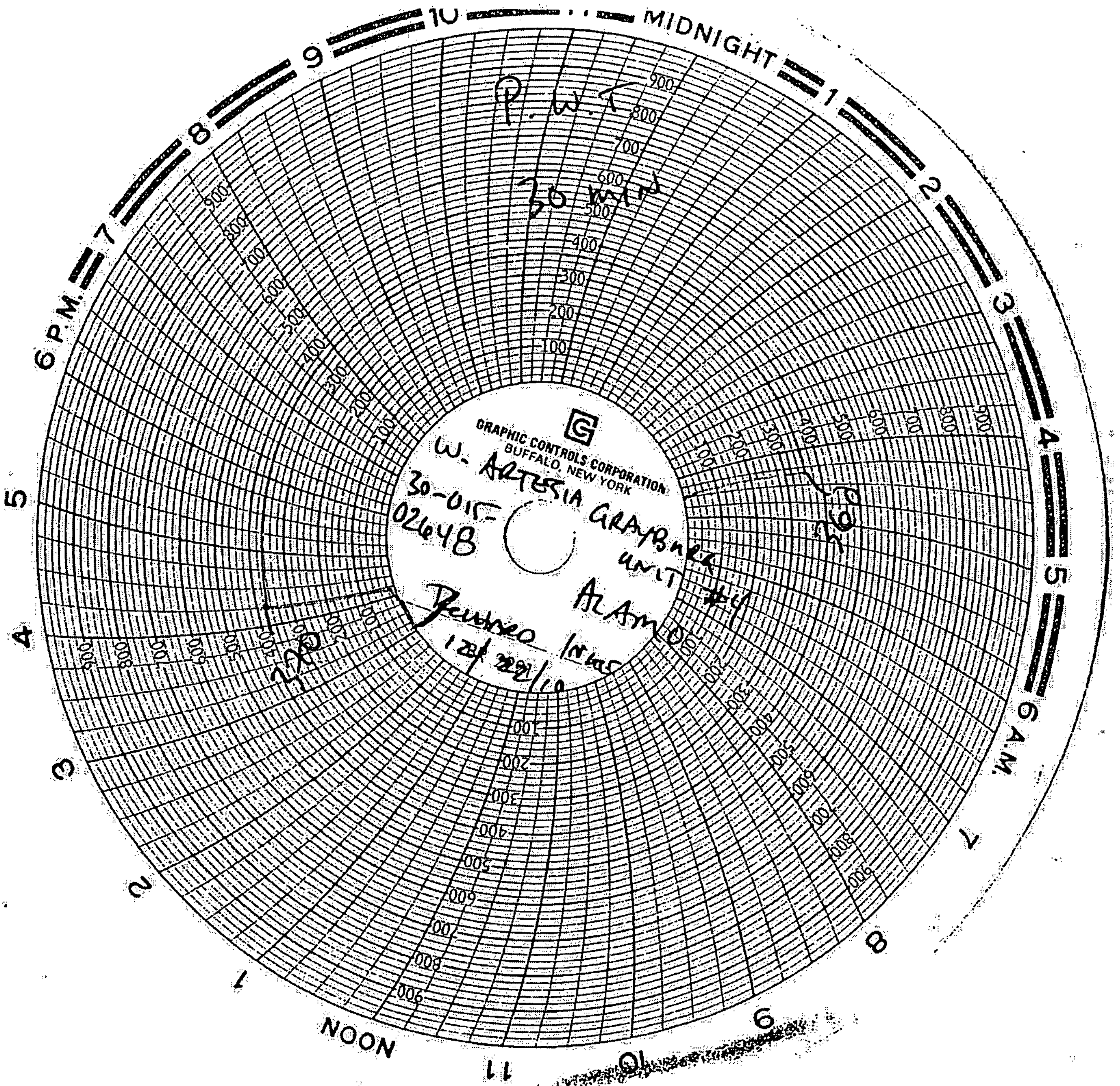

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W. ARTESIA GRAYBURG UNIT
30-015-02648
ALAMO

GRAPHIC CONTROLS CORPORATION
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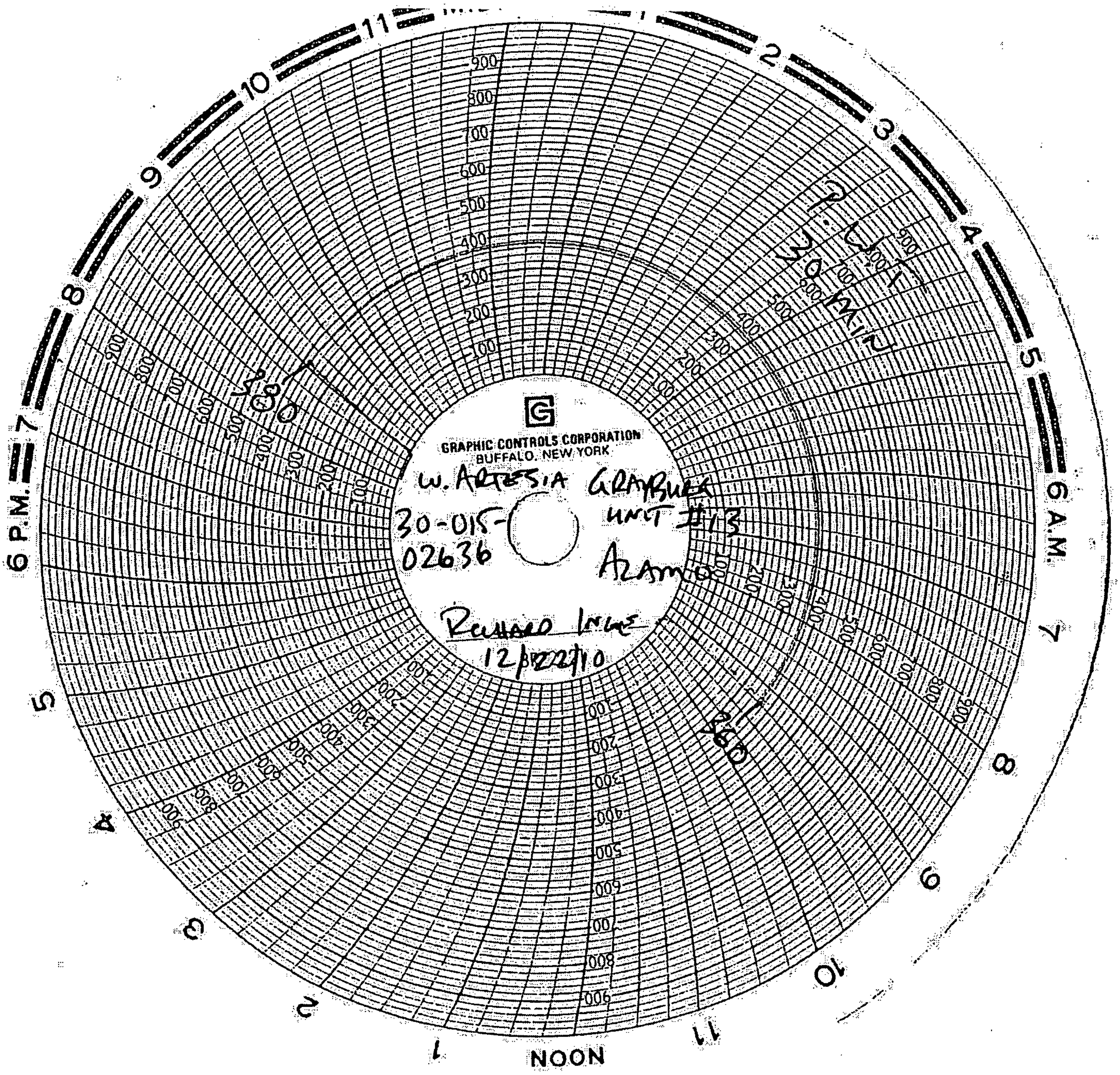

GRAPHIC CONTROLS CORPORATION
BUFFALO, NEW YORK
W. ARTESIA GRAYBURG
UNIT #13
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ALAMO
12/22/10
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6 P.M.
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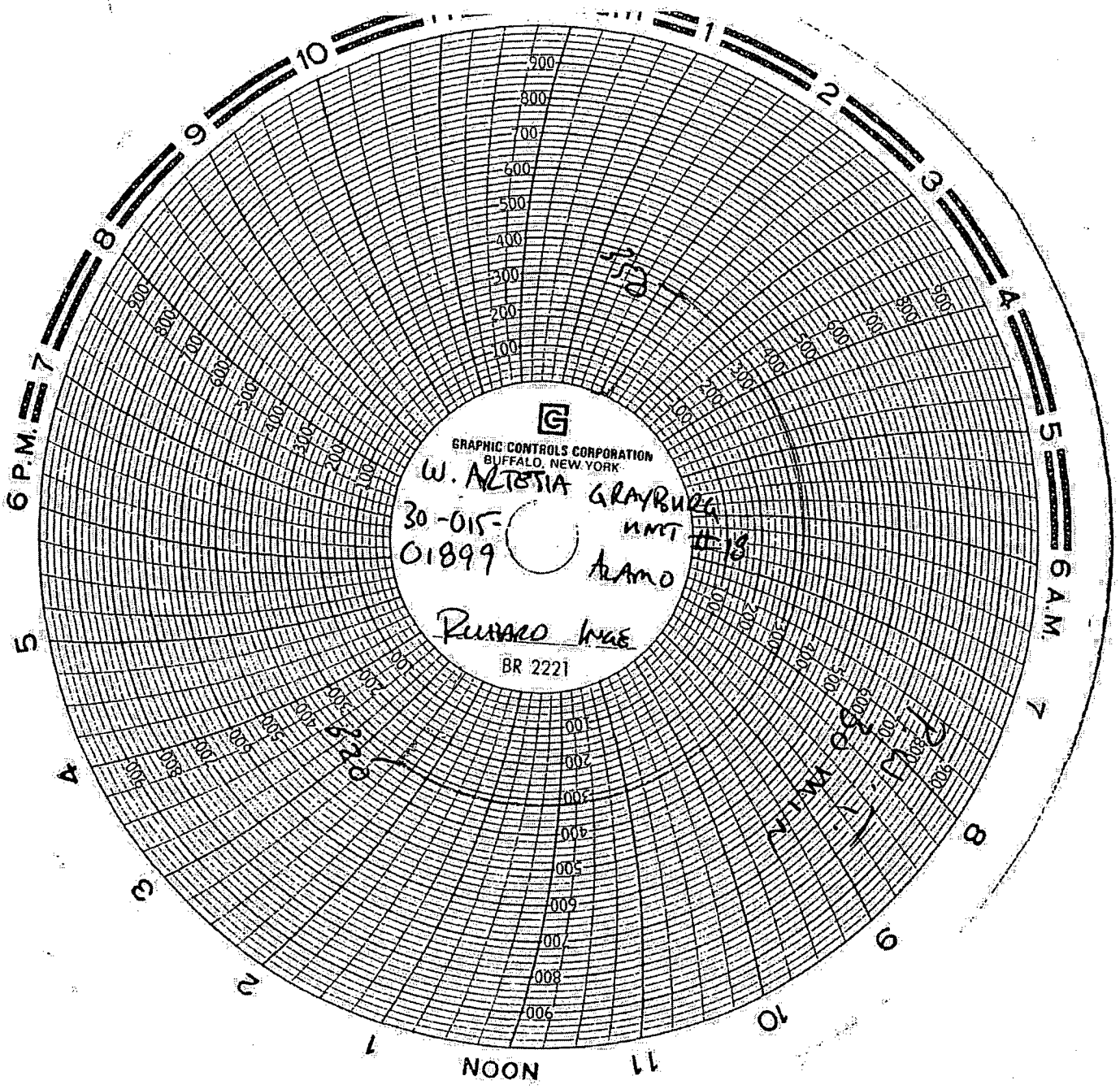
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BUFFALO, NEW YORK
W. ARTESIA GRAYBURG
30-015-
01899
BR 2221
NOON
6 P.M.
6 A.M.

MITCHELL ANALYTICAL LABORATORY

2638 Faudree
Odessa, Texas 79765-8538
561-5579

Company: ***WadeCo Specialties, LLC***

Well Number:	Windmill in UL-A, Sec 18-T18S-R28E	Sample Temp:	70
Lease:	Alamo Energy	Date Sampled:	10/12/2010
Location:	WC448	Sampled by:	Wade Havens
Date Run:	10/27/2010	Employee #:	
Lab Ref #:	10-oct-w19545	Analyzed by:	DOM

Per GC scan, sample contains no hydrocarbons.

			Mg/L	Eq. Wt.	MEq/L
Dissolved Gases					
Hydrogen Sulfide	(H2S)		.00	16.00	.00
Carbon Dioxide	(CO2)	**NOT ANALYZED**			
Dissolved Oxygen	(O2)	**NOT ANALYZED**			
Cations					
Calcium	(Ca++)		60.94	20.10	3.03
Magnesium	(Mg++)		15.57	12.20	1.28
Sodium	(Na+)		5.08	23.00	.22
Barium	(Ba++)	**NOT ANALYZED**			
Manganese	(Mn+)		.01	27.50	.00
Anions					
Hydroxyl	(OH-)		.00	17.00	.00
Carbonate	(CO3=)		.00	30.00	.00
BiCarbonate	(HCO3-)		171.08	61.10	2.80
Sulfate	(SO4=)		20.00	48.80	.41
Chloride	(Cl-)		47.05	35.50	1.33
Total Iron	(Fe)		0.11	18.60	.01
Total Dissolved Solids			319.84		
Total Hardness as CaCO3			216.19		
Conductivity MICROMHOS/CM			503		

pH 8.610 Specific Gravity 60/60 F. 1.000

CaSO4 Solubility @ 80 F. 18.73MEq/L, CaSO4 scale is unlikely

CaCO3 Scale Index

70.0	.451	100.0	.801	130.0	1.311
80.0	.581	110.0	1.041	140.0	1.311
90.0	.801	120.0	1.041	150.0	1.541

WadeCo Specialties, LLC

Affidavit of Publication

State of New Mexico,
County of Eddy, ss.

Kathy McCarroll, being first duly sworn, on oath says:

That she is the Classified Supervisor of the Carlsbad Current-Argus, a newspaper published daily at the City of Carlsbad, in said county of Eddy, state of New Mexico and of general paid circulation in said county; that the same is a duly qualified newspaper under the laws of the State wherein legal notices and advertisements may be published; that the printed notice attached hereto was published in the regular and entire edition of said newspaper and not in supplement thereof on the date as follows, to wit:

January 27 2011

That the cost of publication is **$110.03** and that payment thereof has been made and will be assessed as court costs.

Subscribed and sworn to before me this

21 day of January, 2011

My commission Expires on 1/25/2014

Notary Public

OFFICIAL SEAL
STEPHANIE PEARSON
NOTARY PUBLIC
STATE OF NEW MEXICO
My Commission Expires 1/25/2014

January 27, 2011

Legal Notice

Alamo Permian Resources, LLC, 415 W. Wall Street, Suite 500, Midland, TX 79701, will file NMOCD Form C108 (Application for Authorization to Inject) with the New Mexico Oil Conservation Division seeking administrative approval to re-activate the following-described previously-approved injection wells within the West Artesia Grayburg Unit Waterflood project, Artesia; Queen, Grayburg, San Andres pool, Eddy County, New Mexico.

West Artesia Grayburg Unit #1
API # 3001502645, 990 FNL & 2,310 FWL
UL "C" Section 8, T18S, R28E
Injection Interval (Perforations) 1,982-2,264

West Artesia Grayburg Unit #4
API # 3001502649, 2,310 FNL & 990 FWL
UL "E" Section 8, T18S, R28E
Injection Interval (Perforations) 1,965-2,279

West Artesia Grayburg Unit #6
API # 3001510528, 2,310 FNL & 1,650 FEL
UL "G" Section 8, T18S, R28E
Injection Interval (Perforations) 2,114-2,277

West Artesia Grayburg Unit #12
API # 3001502649, 1,650 FSL & 990 FWL
UL "L" Section 8, T18S, R28E
Injection Interval (Perforations) 2,114-2,751

West Artesia Grayburg Unit #13
API # 3001502636, 2,310 FSL & 330 FEL
UL "I" Section 7, T18S, R28E
Injection Interval (Perforations) 1,972-2,508

West Artesia Grayburg Unit #18
API # 3001501899, 330 FNL & 990 FWL
UL "D" Section 17, T18S, R28E
Injection Interval (Perforations) 2,009-2,279

Produced water from the Artesia; Queen, Grayburg, San Andres pool will be injected into these wells at average and maximum daily rate of 400-1,000 barrels per day per well respectively. The average and maximum surface injection pressure for each well is anticipated to be 500 to 1775 psig respectively.

These wells are located approximately 12.5 miles East/Southeast of Artesia, New Mexico.

NMOCD Form C-108 – Sec. XIII: Proof of Notice

West Artesia Grayburg Unit Area
Eddy Co., New Mexico

Sections 7, 8, & 17 of Township 18-S, Range 28-E

Exhibit "A"

Injection Well Location – Surface Owners:

COG Operating, LLC
550 W. Texas, Suite 100
Midland, Texas 79701

New Mexico State Land Office
310 Old Santa Fe Trail
Santa Fe, NM 87504

Section 8, T-18S, R28E – NW/4 SW/4
COG Operating, LLC

Section 7, T-18S, R28E – NE/4 SE/4
COG Operating, LLC

Section 17, T-18S, R28E – NW/4 NW/4
COG Operating, LLC

Section 8, T-18S, R28E – NE/4 NW/4
State of New Mexico

Section 8, T-18S, R28E – SW/4 NW/4
State of New Mexico

Section 8, T-18S, R28E – SW/4 NE/4
State of New Mexico

Offset Leasehold Operators Within One-Half Mile of Proposed Injection Wells:

Section 5, T-18S, R-28E:

Cameron Oil & Gas Inc.
P.O. Box 1456
Roswell, NM 88202-1456

EOG Resources, Inc
P.O. Box 2267
Midland, TX 79702

I & W Inc.
P.O. Box 98
Loco Hills, New Mexico 88255

Section 7, T-18S, R-28E:

DCP Midstream, LP
370 17th Street, Suite 2500
Denver, CO 80202

Morexco, Inc.
P.O. Box 51208
Midland, TX 79710

Ray Westall
P.O. Box 4
Loco Hills, NM 88255

Chase Oil Corporation
P.O. Box 1767
Artesia, New Mexico 88211

Kersey & Company
P.O. Box 1248
Fredericksburg, TX 78624

COG Operating, LLC
550 W. Texas, Suite 100
Midland, Texas 79701

Section 8, T-18S, R-28E:

Sandlott Energy (Jackie Brewer DBA)
P.O. Box 711
Lovington, NM 88260

Morexco, Inc.
P.O. Box 51208
Midland, TX 79710

BP America Production Company
501 Westlake Park Blvd.
Houston, TX 77079

Section 9, T-18S, R-28E:

Mewbourne Oil Co.
P.O. Box 5270
Hobbs, NM 88241

Chesapeake Operating, Inc.
P.O. Box 18496
Oklahoma City, OK 73154

Eastland Oil Co.
P.O. Box 3488
Midland, TX 79702

Section 17, T-18S, R-28E:

H&S Oil, LLC
P.O. Box 186
Artesia, NM 88211

Smith & Marrs, Inc.
P.O. Box 863
Kermit, TX 79745

Mewbourne Oil Co.
P.O. Box 5270
Hobbs, NM 88241

Section 18, T-18S, R-28E:

C O Fulton
P.O. Box 1176
Artesia, NM 88210

V-F Petroleum Inc.
P.O. Box 1889
Midland, TX 79702

CASE NO. 14766: Application of Alamo Permian Resources, LLC for Reinstatement of a Waterflood Project for its West Artesia Grayburg Waterflood Unit Area and Qualification of said Project for the Recovered Oil Tax Rate Pursuant to the Enhanced Oil Recovery Act, Eddy County, New Mexico. Applicant in the above-styled cause, seeks approval of its West Artesia Grayburg Unit Waterflood Project comprised of 640 acres, more or less of State and Fee lands located in Eddy County, New Mexico, more particularly described as follows:

TOWNSHIP 18 SOUTH, RANGE 28 EAST, NMPM

Section 7:	E/2 SE/4, SE/4 NE/4
Section 8:	NW/4, S/2 NE/4, W/2 SW/4,
	NE/4 SW/4, N/2 SE/4
Section 17:	N/2 NW/4

Applicant seeks authorization to inject water into the Grayburg formation, Artesia Queen Grayburg San Andres Pool, through the following injection wells: (1) West Artesia Grayburg Unit #1, API # 3001502645, 990 FNL & 2,310 FWL (Unit C), Section 8, T18S, R28E, Injection Interval (Perforations) 1,982'-2,264'; (2) West Artesia Grayburg Unit #4, API # 3001502648, 2,310 FNL & 990 FWL (Unit E), Section 8, T18S, R28E, Injection Interval (Perforations) 1,966'-2,270'; (3) West Artesia Grayburg Unit #6, API # 3001510328, 2,310 FNL & 1,980 FEL (Unit G), Section 8, T18S, R28E, Injection Interval (Perforations) 2,114'-2,277'; (4) West Artesia Grayburg Unit #12, API # 3001502649, 1,650 FSL & 990 FWL (Unit L), Section 8, T18S, R28E, Injection Interval (Perforations) 2,114'-2,253'; (5) West Artesia Grayburg Unit #13, API # 3001502636, 2,310 FSL & 330 FEL (Unit I), Section 7, T18S, R28E, Injection Interval (Perforations) 1,932'-2,208'; (6) West Artesia Grayburg Unit #18, API # 3001501899, 330 FNL & 990 FWL (Unit D), Section 17, T18S, R28E, Injection Interval (Perforations) 2,009'-2,279'. Applicant further proposes to inject at maximum rates of 1,000 barrels of water per day at a maximum pressure of 1275 psi, into the Grayburg formation. The applicant requests that the Division establish procedures for the administrative approval of additional injection wells within the project area without the necessity of further hearings and the adoption of such other provisions as are necessary for said waterflood operations. Applicant further seeks to qualify the project area for the Recovered Oil Tax Rate pursuant to the "New Mexico Enhanced Oil Recovery Act" (Laws 1992, Chapter 38, Sections 1 through 5). Said unit is located approximately 12.5 miles east/southeast of Artesia, New Mexico.