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

Alberto Gutierrez	See Cover Letter	President, Geolex, Inc.	10/19/2016	
Print or Type Name	Signature	Title	Date	
		aag@geolex.com		
		e-mail Address		

INCORPORATED

October 19, 2016

Alberto A. Gutiérrez, C.P.G.

2015 (A) (A)

Mr. David Catanach, Director NM Oil Conservation Division 1220 South St. Francis Drive Santa Fe, New Mexico 87505

Re: Application of Targa Midstream Services LLC for Administrative Approval of Replacement Well for the Targa Monument AGI#1

Dear Mr. Catanach:

Enclosed, please find two hard bound copies and one electronic copy (on a thumb drive) of the above-referenced application filed on behalf of Targa Midstream Services LLC.

As discussed in my meeting regarding this application with Mr. Phillip Goetze on Friday September 23, 2016, Targa is not requesting any changes in the approved injection zone, injection volume or MAOP already approved under Order R-13052 and Administrative Order I-416. We are merely requesting the ability to replace the original well which had to be plugged and abandoned as approved by OCD due to casing damage. Pursuant to the attached application, Targa has designed this well and has requested operating procedures consistent with current best practices in AGI wells. We look forward to the speedy approval of this application as Targa is ready to proceed with the replacement well. All required notices have been sent and the application notice published in the Hobbs paper. Copies of the notice letters, certified mail receipts and the affidavit of publication are included as Appendix C to the application.

Please call me or James Hunter at 505-842-8000 if you have any questions or require further information.

Sincerely. Geolex, Inc.

Alberto A. Gutierrez, RG President Consultant to Targa Midstream Services LLC

cc: Phillip Goetze, via email w/encl.
 NMOCD, Engineering Bureau
 Clark White, via email w/encl
 Targa Midstream Services LLC, Houston
 James Lingnau, via email w/encl
 Targa Midstream Services LLC, Monument

Projects/16-011/Reports/Goetze001.ltr.docx

500 Marquette Avenue NW, Suite 1350 Albuquerque, New Mexico 87102







Application for Administrative Authorization To Replace Targa Monument AGI #1

Targa Monument AGI #2

770'FSL & 2268' FWL Section 36, T19S, R36E Lea County, New Mexico



October 19, 2016

Prepared For:

Targa Midstream Services LLC 1000 Louisiana, Suite 4300 Houston, Texas 77022-5032 Prepared By:

Geolex, Inc. 500 Marquette Avenue, NW, #1350 Albuquerque, New Mexico 87102 (505)-842-8000 STATE OF NEW MEXICO ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, New Mexico 87505

APPLICATION FOR AUTHORIZATION TO INJECT

I.	PURPOSE: Secondary Recovery Pressure Maintenance X Disposal Storage Application qualifies for administrative approval? X Yes No
II.	OPERATOR: <u>Targa Midstream Services LLC</u> ADDRESS: <u>1000 Louisiana, Suite 4300, Houston, TX 77022-5036</u> CONTACT PARTY: <u>Alberto A. Gutierrez, R.G GEOLEX, INC. aag@geolex.com</u> PHONE: <u>(505)-842-8000</u>
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. <u>A CROSS REFERENCE TO THE APPLICABLE SECTIONS OR</u> <u>APPENDICES IN THE ATTACHED C108 APPLICATION FOR EACH ROMAN NUMERAL BELOW IS SPECIFIED BY</u> <u>SECTION AND/OR APPENDIX NUMBERS.</u>
IV.	Is this an expansion of an existing project?XYesNo If yes, give the Division order number authorizing the project: _Order R-13053 (replacement of failed well bore in API #3002540002)
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. SECTIONS 5 and 6; APPENDICES A and B.
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. <u>SECTION 5: APPENDIX A.</u>
VII.	Attach data on the proposed operation, including:
	 Proposed average and maximum daily rate and volume of fluids to be injected; <u>SECTIONS 1, 2, and 3</u> Whether the system is open or closed; <u>SECTIONS 1, 2, 4 and 7</u> Proposed average and maximum injection pressure; <u>SECTIONS 1 and 3</u> Sources and an appropriate analysis of injection fluid and compatibility with the receiving formation if other than reinjected produced water; and, <u>SECTIONS 3 and 4</u> 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.). <u>SECTIONS 3 and 4</u>
*VⅢ.	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 any such sources known to be immediately underlying the injection interval. <u>SECTIONS 4 and 5 and APPENDIX A</u>
IX.	Describe the proposed stimulation program, if any. <u>N/A</u>
*X.	Attach appropriate logging and test data on the well. (If well logs have been filed with the Division, they need not be resubmitted). WELL IS NOT YET DRILLED
*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. SECTION 4.
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 sources of drinking water. SECTION 7
XIII.	Applicants must complete the "Proof of Notice" section on the reverse side of this form. APPENDIX B
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: <u>Alberto A. Gutierrez, C.P.G.</u> TITLE: <u>President, Geolex, Inc.[®]; Consultant to DCP Midstream LP</u>
	SIGNATURE:DATE:10/19/2016
*	E-MAIL ADDRESS: <u>aag@geolex.com</u> If the information required under Sections VI, VIII, X, and XI above has been previously submitted, it need not be resubmitted. Please show the date and circumstances of the earlier submittal: <u>SEE ATTACHED APPLICATION</u>

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

AGI #2 Surface: 770' FSL, 2268' FEL Section 36, T19S, R36 E, - SECTIONS 1, 3 and 4. (Vertical Well)

(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. <u>SEE SECTION 3 FOR PROPOSED WELL DESIGN. FINAL AS-BUILTS WILL BE SUBMITTED WHEN PROPOSED WELL IS DRILLED AND COMPLETED.</u>

(3) A description of the tubing to be used including its size, lining material, and setting depth. <u>SECTION 3 AND FIGURE 7 FOR</u> **PROPOSED WELL DESIGN**

(4) The name, model, and setting depth of the packer used or a description of any other seal system or assembly used. SECTION 3

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.

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. SECTIONS 1 and 4
- (2) The injection interval and whether it is perforated or open-hole. SECTION 3
- (3) State if the well was drilled for injection or, if not, the original purpose of the well. <u>N/A- WELL NOT YET DRILLED</u>
- (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. N/A
- (5) Give the depth to and the name of the next higher and next lower oil or gas zone in the area of the well, if any. SECTIONS 4 and 5: APPENDICES A and B

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. NO CHANGES FROM ORIGINAL APPLICATION AND THESE PARTIES HAVE BEEN NOTIFIED (APPENDIX C)

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: NO CHANGES FROM ORIGINAL APPLICATION AND A NEW NOTICE HAS BEEN PUBLISHED (APPENDIX C)

- (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, 1220 South St. Francis Dr., Santa Fe, New Mexico 87505, 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.

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- Table 2:Wells Penetrating Injection Zone Within One Mile of the Proposed Targa Monument
AGI #2

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10/19/2016

LIST OF FIGURES

Figure 1: Targa Monument Gas Plant Location

Figure 2: Location of Proposed Targa Monument AGI #2 and Gas Plant Layout

Figure 3: Schematic of Proposed Targa Monument AGI #2 Well Design

Figure 4: Water Wells Within One Mile of Proposed Targa Monument AGI #2

LIST OF APPENDICES

Appendix A:Information on Oil and Gas Wells within Two Miles of Proposed Targa Monument AGI #2 Appendix B:Original Order R-13052 C-108 Application Targa Midstream Monument Gas Plant, NMOCD Order R-13052 and Administrative Order I-416

Appendix C:Copies of Notice Letters, Documentation, and Affidavit of Publication of Newspaper Notice

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1.0 EXECUTIVE SUMMARY

On behalf of Targa Midstream Services LP (Targa), Geolex[®], Inc. (Geolex) has prepared and is hereby submitting a complete C-108 application for approval to drill, complete and operate a replacement acid gas injection well (Targa Monument AGI #2) at the Targa Monument Gas Plant in Section 36, T19S, R36E approximately 2.5 miles west of Monument in Lea County, New Mexico (Figure 1).

After consultation with the NMOCD Director and technical staff, Geolex is submitting this administrative request for approval to replace the damaged (now plugged and abandoned in September 2016) Targa Monument AGI #1 (API # 3002540002). No additional injection capacity or increased pressures are requested.

Until recently Targa was injecting approximately 2.5 million standard cubic feet per day (MMSCFD) of treated acid gas (TAG) in Monument AGI #1 under NMOCC Order R-13052. This submission is an application a replacement in the same Devonian Wristen, and Fusselman Formations permitted for the Monument AGI #1.

The Targa Monument AGI #2 well will be drilled as a vertical well with the surface location at approximately 770 feet from the south line (FSL) and 2268 feet from the east line (FEL) of Section 36 (Figure 2). Monument AGI #2 will be a vertical well with a bottom hole location essentially identical to the surface location.

There is no proposed change in the approved injection zone (Order R-13052) for the well which will be in the Devonian Wristen, and Fusselman, at vertical depths of approximately 8,300 to 9,200 feet as was the original well. Analysis of the reservoir characteristics of these units confirms that these zones act as excellent closed-system reservoirs that will accommodate the future needs of Targa for disposal of acid gas and sequestration of H_2S and CO_2 from the Targa Plant.

Geolex has reviewed all of the operators within one half mile of the proposed replacement well and the three operators identified in the original order (Apache Corporation, XTO Energy and Chevron) remain the only operators within one half mile. There are only two operators with wells penetrating the injection zone within one mile (Apache Corporation and Chevron) and these are the same operators identified in this area in the original application (see Part XIX of the original C-108, included as Appendix B, also Appendix C).

Targa needs to continue to safely inject up to a maximum of 2.5 MMSCFD of treated acid gas (TAG) for at least 30 years. Under normal operations it is anticipated that the TAG will be injected primarily into the new Targa Monument AGI #2. Geologic studies conducted for the selection of this location demonstrate that the proposed injection zone is readily capable of accepting and containing the proposed acid gas and CO_2 injection volumes within NMOCD's recommended maximum injection pressures.

In preparing this C-108 application, Geolex conducted a detailed examination of all of the elements required to be evaluated in order to prepare and obtain approval for this application for injection. The elements of this evaluation included:

- Identification and characterization of all hydrocarbon-producing zones of wells that surround and are present on the proposed plant site (no changes from the original application).
- The depths of perforated pay intervals in those wells relative to the depth of the target injection zones (Devonian, Wristen, and Fusselman (no changes from the original application)).

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- The past and current uses of the proposed injection interval (no changes from the original application).
- Total feet of net porosity in the proposed Devonian, Wristen and Fusselman injection intervals (no changes from the original application).
- The stratigraphic and structural setting of the targeted injection zone relative to any nearby active or plugged wells, and other wells penetrating the interval (no changes from the original application).
- The identification of surface owners within a one half mile radius of the proposed injection well and theye are the same as identified in the original application.
- The identification of all wells within a two-mile radius and of all operators, and of all wells within a one-mile area of review penetrating the injection zone that completed and is identical to those wells identified in the original application.
- Identification and characterization of all active and plugged wells within the one-mile area of review of the proposed injection well (only one minor plug back of a well since the original application).
- The details of the proposed injection operation, including general well design and average and maximum daily rates of injection and injection pressures as set forth in Administrative Order IPI-416 and Order R-13052.
- Sources and predicted composition of injection fluid and compatibility with the formation fluid of the injection zone (no changes from the original application).
- Location and identification of any fresh water bearing zones in the area; the depth and quality of available groundwater in the vicinity of the proposed well, including a determination that there are no structures which could possibly communicate the disposal zone with any known sources of drinking water (no changes from the original application).
- A Rule 11 Plan has been approved for the facility. Once approval has been granted for the new Targa Monument AGI #2, the Rule 11 Plan will be amended to reflect the changes in operations. Since we are requesting no change in the amount or concentrations of H₂S in the TAG stream, no change is required in the approved Rule 11 H₂S Contingency Plan. However, if the well is successfully completed in the Devonian, Wristen and Fusselman interval, the Rule 11 plan will be amended to reflect this change. The revised Rule 11 Plan will be submitted to NMOCD for the file prior to commencement of TAG injection into the Targa Monument AGI #2 well. No changes are planned to the volumes and H₂S concentrations of the TAG.

Based upon this detailed evaluation, as summarized in this application, Targa has determined that the proposed AGI well is a safe and environmentally-sound replacement well for the disposal of acid gas into the already-approved injection zone. Furthermore, the project provides additional environmental benefit by permanently sequestering a significant volume of CO_2 which would otherwise be released to the atmosphere if H_2S was flared or if a sulfur reduction unit (SRU) was operated at the Plant.

At the anticipated reservoir conditions of 125° F and 3,800 psi, each MMSCFD of TAG will occupy a volume of 2,548 cubic feet (454 barrels). At the anticipated maximum operational capacity of 2.5 MMSCFD, the compressed TAG will occupy 6,370 cubic feet (1,134 barrels) per day. After 30 years of operation, the TAG will occupy an area of approximately 57 acres in the proposed injection zone, or a radius of approximately 890 feet (0.17 miles) from the Targa Monument AGI #2D well (see Sections 3.1 and 3.2).

The proposed well will be constructed using a three-casing string design, with the intermediate casing advanced to a depth of approximately 8,200 feet (in the cap rock) to assure isolation of the current injection zone during drilling and completion (Section 3.3). The well will also be completed incorporating Corrosion Resistant Alloys (CRA) in the tubing and casing, and corrosion-resistant cement

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will be used for the lower half of the intermediate and production strings. In addition, the replacement well will include bottom-hole pressure and temperature monitoring equipment.

Our research has identified porous and permeable carbonate units within this proposed injection zone including the Devonian, Wristen, and Fusselman formations, located approximately 8,800 to 9,200 feet below the plant. These formations are sufficiently isolated from active pay zones above by hundreds of feet of tight, Mississippian limestones and shales, including the immediately overlying Woodford Shale.

One hundred and twenty seven recorded wells were identified in the one-mile radius of the proposed AGI location (see Section 5.0). Of these wells, 94 are active, 27 are plugged and abandoned, 4 are temporarily plugged, and 2 are new proposed wells (not drilled). A complete list and maps showing the locations of these wells are included in Appendix A.

There are 9 wells that penetrate the injection zone, not including the recently plugged Targa Monument AGI #1. Of these wells 4 are currently active. Two have been plugged back to approximately 3,400 to 3,900 feet and are producing from the Eumont-Seven Rivers formations, one well has been plugged back to the Monument-Abo Formation (6,965 to 7,685 feet), and the remaining well is completed in the deeper McKee-Ellenburger Formation (9,490 to 9,800 feet), approximately 500 feet below the current injection zone (8,350 to 9,208 feet). Completion and/or plugging diagrams for these wells are included in Appendix A. All of these wells within one mile of the proposed Targa Monument AGI #2D are properly completed and/or plugged, and pose no risks to act as potential conduits that would allow escape of injection fluids from the proposed injection zone.

There is no current production in the proposed injection zone in the one-mile area and the zone was approved for acid gas injection in Order R-13052.

The 94 active leases in the one mile area are operated by Apache Corporation, Chevron USA, Cimarex Energy Company, Evervest Operating LLC, Jack Huff, Momentum Operating Company, Inc., Rice Operating Company, Targa Midstream Services LLC, and XTO Energy, Inc.

Mineral ownership in the one mile area is a mixture of Federal (1), private (38) and state (55) active leases. Details on all operators, lessees, and surface and mineral owners are included in Appendix B.

There is no permanent body of surface water within several miles of the plant. A search of the New Mexico State Engineer's files shows 31 water wells within one mile of the proposed AGI (see Section 4.6). Data from these wells show that groundwater occurs at a depth of approximately 35 to 50 feet, and is hosted by alluvium. Available analyses of groundwater in the alluvium, form a well in Section 29, T19S, R37E (approximately 7 miles east of the proposed AGI well) showed a specific conductivity of 865 micromhos (Nicholson and Clebsch, 1961).

2.0 INTRODUCTION AND ORGANIZATION OF THIS C-108 APPLICATION

The completed NMOCD Form C-108 is included before the Table of Contents of this document and references appropriate sections where data required to be submitted are included herein.

This application organizes and details all of the information required by NMOCD and NMOCC to evaluate and approve the submitted Form C-108 – Application for Authorization to Inject. This information is presented in the following categories:

- A detailed description of the location, construction and operation of the proposed injection well (Section 3.0) Replacement well adjacent to original approved well
- A summary of the regional and local geology, the hydrogeology, and the location of drinking water wells within the area of review (Section 4.0) No changes from original application
- The identification, location, status, production zones, and other relevant information on oil and gas wells within the area of review (Section 5.0) No changes from original application
- The identification and required notification for operators and surface land owners that are located within the area of review (Section 6.0) No changes from original application
- An affirmative statement, based on the analysis of geological conditions at the site, that there is no hydraulic connection between the proposed injection zone and any known sources of drinking water (Section 7.0) No changes from original application; new certification

In addition, this application includes the following supporting information:

- Appendix A: Spreadsheets showing all active, temporarily abandoned, abandoned and plugged oil and gas wells included within a two-mile radius and the wells penetrating the injection zone within the one-mile area of review, and associated plugging reports for wells which penetrate the proposed injection zone.
- Appendix B: Original Application for Authorization to Inject (C-108), NMOCD Case No. 14161, June 2, 2008 and NMOCD Order R-13052
- Appendix C: Copies of Notice Letters, Documentation and Affidavit of Publication of Newspaper Notice

3.0 PROPOSED CONSTRUCTION AND OPERATION OF TARGA MONUMENT AGI #2

The Targa Monument AGI #2 will be drilled at 770 feet from the south line (FSL) and 2268 feet from the east line (FEL) of Section 19 T19S, R32E. The location is plotted on a topographic map in Figure 2.

TAG from the plant's sweeteners will be routed to a central compressor facility, located east of the well head. Compressed TAG will then be routed to the wells via high-pressure rated lines. Figure 4 summarizes the well design elements that will be used in the proposed well. Design details are provided in Section 3.3 below.

3.1 CALCULATED MAXIMUM INJECTION PRESSURE

The NMOCD Administrative Order IPI-416 (June 14, 2012, Appendix F) approves a maximum allowable operation pressure (MAOP) of 3,000 psi. Targa Midstream requests no change in the currently approved MAOP for Targa Monument AGI #2D. This MAOP will not be exceeded, since the maximum pressure of the compressor system is 2,500 psi, and the safety "kill" pressure is set at 2,450 psi.

3.2 WELL DESIGN

The AGI facilities and wells are integrated components of the Targa Gas Plant design. The schematic of the AGI facilities and tie-in to the Targa Gas Plant are shown in Figures 4 and 5, and the preliminary well design for the new injection well is shown on Figure 7.

The well will have three strings of the telescoping casing cemented to the surface and will include a subsurface safety valve on the production tubing to assure that fluid cannot flow back out of the well in the event of a failure of the injection equipment (Figure 7). In addition, the annular space between the production tubing and the well bore will be filled with an inert fluid (corrosion-inhibited diesel fuel) as a further safety measure which is consistent with injection well designs which have been previously approved by NMOCD for acid gas injection.

The well will be advanced vertically to its anticipated total depth of approximately 9,210 feet. The injection zone (8,350 to 9,210 feet) will be completed as an open hole interval.

Design and material considerations include: Placement of Subsurface Safety Valve (SSSV) and the packer; triple casing through freshwater resources (Ogallala and Santa Rosa Formations – groundwater, Rustler – saline groundwater); characterization of the zone of injection; and a total depth (TD) ensuring identification of the reservoir. All casing strings will be cemented to the surface and the cement jobs will be verified by pressure testing. Radial 360° cement bond logs will be conducted for all casing strings as well.

A suitable drilling rig will be chosen for the job that will include an appropriate blowout preventer and choke manifold for any unforeseen pressures encountered. Visual inspections of cement returns to the surface will be noted in both the conductor and surface pipe casing jobs. Casing and cement integrity will be demonstrated by pressure-testing and 360-degree cement bond logging after each cement job.

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The three casing strings shown in Figure 7 are summarized below:

- 1. Surface casing to the base of the Rustler Formation, approximately 1,040 feet depth, will be installed to protect fresh water in the Ogallala and Santa Rosa Formations. The borehole for the surface casing will be drilled with a 17 ½ -inch bit to a depth of approximately 1,040 feet (above the uppermost salt beds), and 13 3/8-inch, 48 ppf, J-55, STC casing will be installed and cemented to the surface.
- 2. The intermediate casing will isolate the Salado salt beds, as well as any production zones above the injection zone. It will be drilled with a 12 ¼ -inch bit to a depth of approximately 8,200 feet be constructed and installed in two segments:
 - A. The first segment will consist of 9 5/8-inch casing, using 40.0 ppf, J-55, STC casing to approximately 7,900 feet
 - B. The second segment will be constructed of 40.0 ppf SM2535 VAM TOP corrosion-resistant casing from 7,900 to 8,200 feet
 - C. All casing will be cemented to the surface and this string will have a 4,000' tail of "Well-Lock" corrosion resistant cement.
- 3. The production casing will be emplaced in a 8 ³/₄ inch borehole and will be constructed and installed in 2 segments:
 - A. The first segment will comprise approximately 8,050 feet of 7-inch, 29.0 ppf, HCP-110 LTC casing grade.
 - B. The second segment (8,050 to 8,350 feet) will include a 300-foot section of 7-inch 32.0 ppf SM2535 VAM TOP Corrosive Resistant Alloy (CRA) material. This segment is designed to protect the casing from potential corrosion from the acid gasses injected into this interval from the existing AGI #1.
 - C. All casing will be cemented to the surface and this string will have a 4,000' tail of "Well-Lock" corrosion resistant cement..

Following the installation, cementing and testing of the production string, a final open-hole injection interval from 8,350 to 9,210 feet will be advanced using a 5 7/8 inch bit.

The proposed open hole logging suite for the TD run consists of a Dual Induction, Density-Neutron-Gamma Ray, Porosity and Fracture Matrix Identification (FMI) log in the injection zone.

Cement will be returned to the surface for all strings. The intermediate and production strings will have a tail of "Well-Lock" corrosion resistant cement for the approximately 4,000 feet basal sections of these strings. Circumferential cement bond logs with an ultrasonic tool will be used to confirm the quality of the cement job on each string of casing.

Once the cement has set up, the tubing adaptor for the wellhead will be welded on the wellhead and the rig will be released. A casing integrity test (pressure test) will be performed to test the casing just prior to releasing the rig. After a successful test and the drilling rig released, a work-over rig will be mobilized to location and a cement bond log will be run to ascertain the quality of the cement bond of the production casing. It is important that a good bond be established around the injection interval as well as below the CRA joint to minimize any chances that acid gases mixed with formation water do not travel up the outside of the casing and negatively impact the integrity of the casing job.

Once the integrity of the cement job has been determined a temporary string of removable packer and tubing will be run, and injection tests (step tests) will be performed to determine the final injection pressures and volumes.

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Once the reservoir has been tested, the final tubing string will be emplaced. The tubing schedule is:

- 1. 3 1/2 inch 9.3 ppf HL80 VAM TOP from 0 to 250 feet
- 2. Subsurface Safety Valve Assembly, 250 to 280 feet
- 3. 3 1/2 inch 9.3 ppf HL80 VAM TOP from 280 to 8,000 feet
- 4. 3 ¹/₂ inch 9.3 ppf G3-125 or equivalent CRA material VAM TOP from 8,000 to 8,300 feet
- 5. Bottom0hole pressure/temperature sub (Halliburton)
- 6. 7 inch 26 32# BWD Incoloy 925 Permanent Packer at 8,303 feet

Permanent, continuous-recording sensors will be incorporated into the packer assembly and appropriate connections will be run through the annulus and out of the well head. These sensors will provide real-time temperature and pressure in the reservoir. Data will be transmitted to the plant's control room for observation, analysis and recording. Section 3.4 below addresses how that data will be used and supplemented in the event of downhole sensor failure.

The SSSV will be run into the well at a depth of approximately 250 feet. A $\frac{1}{4}$ -inch stainless steel line will connect the SSSV to a hydraulic panel at the surface.

The National Association of Corrosion Engineers (NACE) issues guidelines for metals exposed to various corrosive gases like the ones in this well. For a H_2S/CO_2 stream of acid gas that is de-watered at the surface through successive stages of compression, downhole components such as the SSSV and packer need to be constructed of Inconel 925. The CRA joints will be constructed of a similar alloy from a manufacturer such as Sumitomo. A product like SM2550 (with 50% nickel content) will likely be used. The gates, bonnets and valve stems within the Christmas tree will be nickel coated as well.

The rest of the Christmas tree will be made of standard carbon steel components and outfitted with annular pressure gauges that report operating pressure conditions in real time to a gas control center located remotely from the wellhead. In the case of abnormal pressures or any other situation requiring immediate action, the acid gas injection process can be stopped at the compressor and the wellhead. An emergency shutdown (ESD) valve and a Fisher control valve control compressor backpressure, and both are hydraulically operated on the well head. The SSSV provides a redundant safety feature to shut in the well in case the wing valve does not close properly. After the AGI well is drilled and tested to assure that it will be able to accept the volume of injection fluid (without using acid gas), it will be completed with the approved injection equipment for the acid gas stream.

3.3 RESERVOIR TESTING AND PRESSURE MONITORING

The Targa Monument AGI #2 will be equipped with bottom hole pressure and temperature monitoring equipment. This equipment is designed to provide real-time monitoring of reservoir conditions as it is installed immediately above the packer. While this equipment is useful in gathering data that will ultimately be used to evaluate reservoir and well performance, it is only a portion of the overall data collection and analysis program to evaluate the reservoir over time and to compare the predicted reservoir performance discussed above in Section 3.2 with actual performance at any future reporting period.

The collection and analysis of injection and annular pressure data has a two-fold purpose. The primary purpose being to provide an early warning of any mechanical well issues which may arise and the second purpose is to provide data for reservoir performance evaluation. While the initial purpose of monitoring the mechanical integrity of the well only requires the surface injection pressure, temperature, rate and annular pressure monitoring, the bottom hole data provides the ability to analyze the performance of the

reservoir. Surface pressure/temperature/annular pressure monitoring equipment has extremely high reliability. In contrast, our initial experience with bottom hole pressure/temperature monitoring equipment has shown that this equipment is more complex and suffers from periodic data collection and transmission issues.

While Targa will use its best efforts to improve performance and reliability, we have developed a process to assure necessary data are collected in the event of bottom hole sensor failures. The simultaneous collection of the surface and bottom hole data allows us develop empirical relationships with actual observed data that, in conjunction with the use of established models (such as AqualibriumTM or equivalent) will allow us to fill in gaps when bottom hole data loss occurs due to sensor or data transmission failures. This approach will allow us to provide NMOCD with reliable monitoring data and interpretations and provides the basis for the reservoir evaluation which will be performed periodically during the lifetime of the well.

Below is a summary of the overall data collection and analysis program proposed for this well and reservoir.

- 1. Obtain initial bottom hole pressure and temperature after drilling (during logging).
- 2. Perform detailed SRT and 10 day falloff test to provide baseline reservoir data prior to injection.
- 3. Monitor surface parameters (injection pressure, temperature and rate, and annular pressure) to provide early warning system for any potential mechanical issues in the well.
- 4. Monitor bottom hole pressure/temperature with a device to provide real time reservoir condition data for analysis of reservoir performance.
- 5. Use bottom hole reservoir and surface pressure/temperature data to develop well-specific empirical relationship between observed surface and bottom hole data.
- 6. Use TAG/wellbore models to predict bottom hole P/T conditions based on surface data and test with empirical relationships observed in #5 above to calibrate models.
- 7. Use surface data along with tools in #5 and #6 above to fill in missing bottom hole data when data drops or sensor failure occurs.
- 8. In the event of an extended period of bottom-hole pressure/temperature sensor failure, perform periodic bottom hole pressure monitoring using slickline pressure bombs only if data from such temporary device is necessary to fill in data for relevant analyses. After approximately 10 years of operation, perform another detailed SRT and falloff test to compare with baseline prior to injection.
- 9. Use all data collected along with test results from #2 and #9 above to produce the required analysis of reservoir performance and comparison with predicted reservoir performance discussed above in Section 3.2. This would be the basis of the NMOCC required 10 year evaluation of actual reservoir performance vs predicted performance.

4.0 REGIONAL AND LOCAL GEOLOGY AND HYDROGEOLOGY

4.1 GENERAL GEOLOGIC SETTING/SURFICIAL GEOLOGY

The Targa Gas Plant is located in Section 36, T 19 S, R 36 E, in Lea County, New Mexico, about 9 miles west of Hobbs (Figure 1). The plant location is within a portion of the Pecos River basin referred to as the Querecho Plains reach (Nicholson & Clebsch, 1961). This area is relatively flat and largely covered by sand dunes underlain by a hard caliche surface. The dune sands are locally stabilized with shin oak, mesquite and some burr-grass. There are no natural surface bodies of water or groundwater discharge sites within one mile of the Plant and where drainages exist in interdunal areas, they are ephemeral, discontinuous, dry washes. The proposed plant site is underlain by Quaternary alluvium overlying the Triassic redbeds of the Santa Rosa Formation (Dockum Group), both of which are local sources of groundwater. The thick sequences of Permian through Ordovician rocks that underlie these deposits are described generally below

4.2 BEDROCK GEOLOGY

The plant and the proposed well are located at the northern margin of the Delaware Basin, a sub-basin of the larger, encompassing Permian Basin, which covers a large area of southeastern New Mexico and west Texas. The Permian Basin lies within the area of the larger, ancestral (pre-Mississippian) Tabosa Basin, which covered an area that included the entire present-day Permian Basin area and beyond. The Tabosa Basin was a shallow sub-tropical basin throughout the period between the Ordovician and early Mississippian).

The entire lower Paleozoic interval (Ellenburger through Devonian) was periodically subjected to subaerial exposure and prolonged periods of karsting, most especially in the Fusselman and Devonian. The result of this exposure was development of systems of karst-related secondary porosity, which included solution-enlargement of fractures and vugs, and development of small cavities and caves. Particularly in the Fusselman, solution features from temporally-distinct karst events became interconnected with each successive episode, so there could be some degree of vertical continuity in parts of the Fusselman section that could lead to enhanced vertical and horizontal permeability.

The Silurian Fusselman and Wristen, and Devonian Thirty-one Formations overlie the Montoya, and are comprised of interbedded dolomites and dolomitic limestones that are capped by the Woodford Shale. The Woodford shale is overlain by several hundred feet of Osagean limestone, which is overlain by several hundred feet of shales and basinal limestones of the Upper Mississippian Chester Formation. The proposed Silurian-Devonian injection zone does not produce economic hydrocarbons for more than 15 miles away from the well site.

There have been no commercially significant deposits of oil or gas found in the Devonian or Silurian rocks (the proposed injection zone), in the vicinity of the well. Adjacent wells have shown that these formations are "wet," and there is no current or foreseeable production at these depths within the one-mile radius (Figure 12) of review. In fact, these zones are routinely approved as produced-water disposal zones in this area.

4.3 LITHOLOGIC AND RESERVOIR CHARACTERISTICS OF THE SILURO-DEVONIAN FORMATIONS

The proposed injection interval includes the Devonian Thirty-one, and Silurian Wristen and Fusselman Formations, collectively referred to as the Siluro-Devonian. Based on the geologic analyses of the subsurface and previous experience at the Targa Gas Plant, we recommend acid gas injection and CO_2 sequestration in the Siluro-Devonian Formations. The proposed injection interval includes a number of intervals of dolomites and dolomitic limestones with moderate to high primary porosity, and secondary, solution-enlarged porosity that is related to karst events that periodically occurred throughout the section, most notably in the Fusselman Formation. These karst events produced solution cavities and enlarged fractures throughout the section, which can be substantial enough to provide additional permeability that is not readily apparent on well logs. The porous zones are separated by tight limestones and dolomites.

The Siluro-Devonian interval has excellent cap rocks above, below and between the individual porous carbonate units. There are no producing zones within or below the Siluro-Devonian in the area of the proposed well, and the injection interval is separated from the nearest producing zone (Morrow) by 20 feet of Woodford shale, 550 feet of tight Osagean limestones, and nearly 350 feet of tight Chesterian shales and deep water limestones. It lays a minimum of 1,200 feet above the Precambrian basement. Faults that have been identified in the area only penetrate to the lower part of the Woodford Shale, and would not serve as potential vertical conduits because of the thick, tight cap rock above, and tight rocks below. The high net porosity of the proposed injection zone indicates that the injected H_2S and CO_2 will be easily contained close to the injection well.

Geolex's geological analyses confirm that the Siluro-Devonian interval is the most promising deep injection zone (beneath existing production) in the vicinity of the Targa Plant. This preliminary analysis is confirmed by Geolex's detailed geological analysis, including the analysis of the geophysical logs collected from nearby wells. The zone has the requisite high porosity and permeability and is bounded by tight limestones and shales above and below. These are ideal H_2S and CO_2 sequestration conditions.

The overlying Chester, Osage and Woodford Formations provide over 1,000 feet of shale and intervening tight limestones, providing an effective seal on the top of the injection zone. The proposed injection interval is located more than 1,000 feet below the Morrow Formation, which is the deepest potential pay zone in the area. There are no pay zones below the injection zone in the area.

4.4 INJECTIVITY OF THE SILURO-DEVONIAN INTERVAL

No direct measurements have been made of the injection zone porosity or permeability. However, satisfactory injectivity of the injection zone can be inferred from the performance of the former Targa Monument AGI #1. The zone will be logged in the replacement AGI well to obtain site-specific data for the new well.

4.5 FORMATION FLUID CHEMISTRY

A review of formation waters from the U.S. Geological Survey National Produced Waters Geochemical Database v2.1 (10/16/2014) identified 10 wells with analyses from drill stem test fluids collected from the Devonian, Silurian-Devonian or Fusselman Formations, in wells within approximately 12 miles of the proposed Targa Monument AGI #2D (Townships 18 to 20 South and Ranges 30 to 33 East).

These analyses showed Total Dissolved Solids ranging from 20,669 to 40,731 milligrams per liter (mg/l) with an average of 28,942 mg/l. The primary anion is chloride, and the concentrations range from 11,176

to 23,530 mg/l with an average of 16,170 mg/l. No collection of formation fluids will be attempted due to the proximity of the original AGI #1 well.

4.6 GROUNDWATER HYDROLOGY IN THE VICINITY OF THE PROPOSED INJECTION WELL

Based on the New Mexico Water Rights Database from the New Mexico Office of the State Engineer, there are 31 water wells within one mile of the proposed Targa Monument AGI #2. These wells are summarized in Table 1 below and their locations are showed in Figure 4.

The area surrounding the proposed injection wells is arid and there are no bodies of surface water within a five mile radius. There are no changes here from the original application.

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THOMAS F. WELCH & ASSOCIATES 5766 0.89 CLIMAX CHEMICAL COMPAN7Y 4715 0.94	GEOMONITORING SERVICES	13523	46	35	0.82
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	CLIMAX CHEMICAL COMPAN7Y	4715			0.94

Table 1: Water Wells Identified by the New Mexico State Engineer's Files within One Mile of the Proposed Targa Monument AGI #2 Well

Our analysis confirms that the proposed well poses no risk of contaminating groundwater in the area. There are no potential conduits that would allow migration of injected fluids to fresh-water zones.

5.0 OIL AND GAS WELLS IN THE TARGA MONUMENT AGI #2 AREA OF REVIEW

Geolex's review of wells penetrating the approved injection zone within one mile and all operators with in one half mile of the proposed replacement well has not revealed any changes from the original application and these operators were re-noticed with this application.

Within two miles of the proposed Targa Monument AGI #2 there are 458 recorded oil and/or gas wells. Of these, 127 lie within one mile of the proposed well. Of these wells, 94 are active, 27 are plugged and abandoned, 4 are temporarily plugged, and 2 are new proposed wells (not drilled). A complete list (Table A1) and maps (Figures A1 and A2) showing the locations of these wells are included in Appendix A.

Including the former Targa Monument AGI #1, there are 10 wells within one mile penetrating the injection zone (Figure A2). Table 2 below summarizes the status of these wells. Review of the NMOCD files for these wells indicates that their completions and/or plugging methods protect upper and lower zoned from migration of the injection fluids.

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Geolex, Inc.

API	OPERATOR	DEPTH	WELLNAME	STATUS	Notes
	TARGA		MONUMENT	Plugged	
3002540002	RESOURCES	9200	AGI #1		Pumped cmt 3.500' to surface.
3002512473	APACHE CORP	10255	STATE F GAS COM 005	Active	Plugged back to Eumont/Seven Rivers at 3,400' (in 5 1/2" casing) 9/11/96. CIBP's w/cmt @ 7,800', 6,850', 5,640', 3,420'.
3002512478	APACHE CORP	9822	NORTH MONUMENT G/SA UNIT 032	Plugged	CIBP w/cmt @ 9,475'; squeezed cmt plugs @ 7,590', 7,160', 5,710 CIBP w/cmt @ 4,500'; Spot cmt @ 2,900', 2,345', 1,330', 367 to surface.
3002512481	APACHE CORP	10100	NORTH MONUMENT G/SA UNIT 285	Active	Plugged & abandoned 3/5/59. Spot cmt @ 9,900', 9,755', 6,305' 5,655' 3,780'. Re-entered and recompleted 3,930' in Eunice Monument 2/14/96; Re-entered and attempted to re-plugged deeper zones per NMOCD Order R-13052 2/2011. Unsuccessful, released rig May 2011. Well returned to production 7/15/11. Requirment to re-plug well rescinded per Order R-13052 (Reopened) 11/17/2011.
3002520517	APACHE CORP	9900	NORTH MONUMENT G/SA UNIT 286	ТА	Dry hole; P&A w/spot plugs @ 10,080', 9,790', 9068', 8,180', 7,865', 6,770', 6,205', 5,642', 5,075', 3/750', 1,450' to surface, 12/28/62. Re-entered 6/7/95 cleaned to 3,760' (Eunice Monument). Not perforated. Status Temporary Abandoned.
3002505780	ATLANTIC RICHFIELD	9900	J R PHILLIPS A 008	Plugged	CIBP w/cmt @ 9,475'; squeezed cmt plugs @ 7,652', 5,742', 4,897 3,442', 2,097', 880', 81' to surface
3002523632	ARCO PERMIAN	9650	J R PHILLIPS A 009	Plugged	CIBP's w/cmt @ 9435', 6,620', 6,186', 5,655', 5,255',5,069'; Cmt plugs @ 3,645', 1,1125', 610', Surface.
3002504134	APACHE CORP	9953	J R PHILLIPS 005	Active	Recompleted 7/12/98; CIBP at 7,785', perforated 6,965' to 7,685'.
3002504136	APACHE CORP	10214	J R PHILLIPS 007	Active	Temp. abandoned 8/6/92, CIBP's w/cmt @ 9,700', 6,700', 6,275', 5,590'. Recompleted in Paddock 5,264' to 5,530' 3/2010
3002505964	CHEVRON U S	9814	J R PHILLIPS	Active	Producing in McKee-Ellenburger

TABLE 2: Wells Penetrating Injection Zone Within One Mile of the Proposed Targa Monument AGI #2

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6.0 IDENTIFICATION AND REQUIRED NOTIFICATION OF OPERATORS, SUBSURFACE LESSEES, AND SURFACE OWNERS WITHIN THE AREA OF REVIEW

Geolex has reviewed all of the operators within one half mile of the proposed replacement well and the three operators identified in the original order (Apache Corporation, XTO Energy and Chevron) remain the only operators within one half mile. There are only two operators with wells penetrating the injection zone within one mile (Apache Corporation and Chevron) and these are the same operators identified in this area in the original application (see Part XIX of the original C-108, included as Appendix B).

Appendix C contains copies of registered mail receipts, individual notice letters and the newspaper affidavit of publication.

7.0 AFFIRMATIVE STATEMENT OF LACK OF HYDRAULIC CONNECTION BETWEEN PROPOSED INJECTION ZONE AND KNOWN SOURCES OF DRINKING WATER

As part of the work performed to support this application, a detailed investigation of the structure, stratigraphy and hydrogeology of the area surrounding the proposed Targa Monument AGI #2D well has been performed. The investigation included the analysis of available geologic data and hydrogeologic data from wells and literature identified in Sections 3, 4 and 5 above including related appendices. Based on this investigation and analysis of these data, it is clear that there are no open fractures, faults or other structures which could potentially result in the communication of fluids between the proposed injection zone with any known sources of drinking water or oil or gas production in the vicinity as described above in Sections 4 and 5 of this application.

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8.0 REFERENCES

Madalyn S. Blondes, Kathleen D. Gans, James J. Thordsen, Mark E. Reidy, Burt Thomas, Mark A. Engle, Yousif K. Kharaka, and Elizabeth L. Rowan, 2014. U.S. Geological Survey National Produced Waters Geochemical Database v2.1,

http://energy.usgs.gov/EnvironmentalAspects/EnvironmentalAspectsofEnergyProductionandUse/Produce dWaters.aspx

Nicholson, A., Jr., Clebsch, A., Jr., 1961. *Geology and ground-water conditions in southern Lea County, New Mexico*. New Mexico Bureau of Mines and Mineral Resources, Ground-Water Report 6, 123 pp., 2 Plates.

Powers, D.W., Lambert, S. J., Shafer, S., Hill, L. R. and Weart, W. D., 1978., *Geological Characteristic Report, Waste Isolation Pilot Plant (WIPP) Site, Southeastern New Mexico (SAND78-1596)*, Department 4510, Waste Management Technology, Sandia Laboratories, Albuquerque, New Mexico

Silver, B.A., Todd, R.G., 1969. Permian cyclic strata, northern Midland and Delaware Basins, west Texas and southeastern New Mexico, *The American Association of Petroleum Geologists Bulletin* 53: 2223-2251.

Ward, R.F., Kendall, C.G.St.C., Harris, P.M., 1986. Upper Permian (Guadalupian) facies and their association with hydrocarbons – Permian Basin, west Texas and New Mexico. *The American Association of Petroleum Geologists Bulletin* 70: 239-262

Figures





Figure 1: Targa Monument Gas Plant Location





Figure 2: Location of Proposed Targa Monument AGI #2 and Gas Plant Layout



Figure 3: Schematic of Proposed Targa Monument AGI #2 Well Design



Figure 4: Water Wells within One Mile of Proposed AGI #2

APPENDICES

APPENDIX A

Information on Oil and Gas Wells within Two Miles of Proposed Targa AGI #1R

- Table A1:
 Identified Wells within Two Miles of Proposed Targa AGI #1R
- Table A2:Wells Penetrating injection Zone within One Mile of Proposed
Targa Monument AGI #1R
- Table A3:
 Operators within One Half Mile of Proposed Targa Monument AGI #1R
- Figure A1: Wells within Two Miles of Proposed Targa AGI #1R
- Figure A2: Wells within One Mile of Proposed Targa AGI #1D Penetrating Injection Zone

	Table	A1: Wells W	ithin Two Miles of Proposed Targa AG	#1R		1. 411
API 0	TARGA MIDSTREAM SERVICES U.C.	DEPTH 0200	MONUMENT AGLOOT	WELL TYPE	Active	Miles
3002540002 T	TO ENERGY INC	3015	GRAHAM STATE NCT E 004	6	Active	0.00
3002512477 4	APACHE CORP	3905	NORTH MONUMENT G/SA UNIT 014	0	Active	0.14
3002512472 A	APACHE CORP	10255	STATE F GAS COM 005	G	Active	0.14
3002512482 T	TARGA MIDSTREAM SERVICES LLC	7700	GRAHAM STATE NCT-F 007	5	Active	0.18
3002540615 A	APACHE CORP	7724	J R PHILLIPS 012	0	Active	0.24
3002504133 A	APACHE CORP	3900	J R PHILLIPS 004	0	Active	0.26
3002504142 A	APACHE CORP	3900	NORTH MONUMENT G/SA UNIT 003	0	Active	0.28
3002512476 X	CTO ENERGY, INC	3921	GRAHAM STATE NCT F 003	G	Active	0.28
3002504135 A	APACHE CORP	5207	J R PHILLIPS 006	0	Active	0.28
3002512471 A	APACHE CORP	3905	NORTH MONUMENT G/SA UNIT 011	I	Active	0.29
3002513229 T	TARGA MIDSTREAM SERVICES LLC	1799	LPG STORAGE WELL 002	M	Active	0.30
3002537985 A	APACHE CORP	4082	STATE D 005	0	Active	0.31
3002504143 A	APACHE CORP	5220	NORTH MONUMENT C/SA UNIT 010	0	Active	0.31
3002524100 A	APACHE CORP	9877	NORTH MONUMENT G/SA UNIT 010	0	Plugged	0.33
3002512478 4	CHEVRON LISA INC	5725	GRAHAM STATE NCT F 006	0	Plugged	0.36
3002512469 A	APACHE CORP	3903	STATE F GAS COM 001	G	Active	0.39
3002537984 A	APACHE CORP	4035	NORTH MONUMENT G/SA UNIT 342	0	TA	0.40
3002524422 A	APACHE CORP	4050	NORTH MONUMENT G/SA UNIT 013	1	Active	0.41
3002539148 A	APACHE CORP	7700	J R PHILLIPS 010	0	Active	0.41
3002512474 A	APACHE CORP	4024	NORTH MONUMENT G/SA UNIT 016	0	Active	0.42
3002504134 A	APACHE CORP	9953	J R PHILLIPS 005	0	Active	0.43
3002504130 A	APACHE CORP	3900	J R PHILLIPS GAS COM 001	G	Plugged	0.46
3002504139 A	APACHE CORP	3954	NORTH MONUMENT G/SA UNIT 004	0	Active	0.46
3002512470 A	APACHE CORP	3939	NORTH MONUMENT G/SA UNIT 012	0	Active	0.47
3002504138 A	APACHE CORP	5720	J R PHILLIPS 009	0	1A Anthon	0.48
3002541722 A	PACHE CORP	3957	NORTH MONUMENT G/SA UNIT 395	0	New (Not drilled or come)	0.49
3002541725 A	APACHECORP	7977	STATE D 006	0	Active	0.49
3002504144 A	APACHE CORP	3897	LR PHILLIPS GAS COM 003	G	Plugged	0.49
3002504141 4	APACHE CORP	3910	NORTH MONUMENT G/SA UNIT 005	0	Active	0.51
3002513228 T	ARGA MIDSTREAM SERVICES LLC	1906	LPG STORAGE WELL 001	M	Active	0.52
3002504137 A	APACHE CORP	5760	J R PHILLIPS 008	0	Active	0.52
3002512468 A	PACHE CORP	3908	NORTH MONUMENT G/SA UNIT 007	1	Active	0.52
3002512475 A	APACHE CORP	3908	NORTH MONUMENT G/SA UNIT 009	0	Active	0.53
3002520517 A	APACHE CORP	9900	NORTH MONUMENT G/SA UNIT 286	0	TA	0.53
3002512480 A	PACHE CORP	3939	NORTH MONUMENT G/SA UNIT 006	0	Active	0.53
3002539891 A	PACHE CORP	5816	J R PHILLIPS 011	0	Active	0.53
3002536674 A	APACHE CORP	3960	NORTH MONUMENT G/SA UNIT 334	0	Active	0.54
3002505768 H	IESS CORPORATION	3899	NORTH MONUMENT G/SA UNIT 029	0	Plugged	0.55
3002512481 A	PACHE CORP	10100	NORTH MONUMENT G/SA UNIT 285	0	Active	0.56
3002532361 A	PACHE CORP	3426	STATE F GAS COM 002	G	Active	0.56
3002503934	PACHE COPP	10214		0	riuggeo	0.57
3002504130 A	PACHE CORP	3890	I R PHILLIPS 002	0	Active	0.61
3002505772 A	PACHE CORP	5709	NORTH MONUMENT G/SA UNIT 013	0	Plugged	0.61
3002523632 A	ARCO PERMIAN	9650	J R PHILLIPS A 009	G	Plugged	0.61
3002512467 A	PACHE CORP	3915	STATE V 003	G	Active	0.62
3002536913 A	PACHE CORP	3960	NORTH MONUMENT G/SA UNIT 337	0	Active	0.62
3002504140 A	PACHE CORP	3915	NORTH MONUMENT G/SA UNIT 005	1	Active	0.63
3002505771 A	PACHE CORP	3915	NORTH MONUMENT G/SA UNIT 012	0	Active	0.63
3002535177 A	PACHE CORP	3986	NORTH MONUMENT G/SA UNIT 297	0	Active	0.64
3002512483 A	PACHE CORP	3928	NORTH MONUMENT G/SA UNIT 005	1	Active	0.64
3002504127 A	PACHE CORP	3929	NORTH MONUMENT G/SA UNIT 016	0	Active	0.64
3002524054 A		7750	I R PHILLIPS OOS	0	Plugged	0.65
3002533359 X	TO ENERGY INC	3480	I R PHILLIPS 014	G	Active	0.66
3002505778	PACHE CORP	5792	J R PHILLIPS A 006	G	Active	0.66
3002505780 A	TLANTIC RICHFIELD	9900	J R PHILLIPS A 008	G	Plugged	0.66
3002505964 C	HEVRON U S A INC	9814	J R PHILLIPS 011	G	Active	0.67
3002504165 A	PACHE CORP	3945	NORTH MONITHAENT CICA LINET OOT	1	Actium	
		3345	NORTH MONOMENT 6/54 UNIT 001	p.	Active	0.69
3002512486 A	PACHE CORP	3935	NORTH MONUMENT G/SA UNIT 001	1	Active	0.69
3002512486 A 3002535197 A	PACHE CORP	3935 4009	NORTH MONUMENT G/SA UNIT 001 NORTH MONUMENT G/SA UNIT 009 NORTH MONUMENT G/SA UNIT 298	1	Active Active Active	0.69 0.69 0.70
3002512486 A 3002535197 A 3002540603 A	PACHE CORP PACHE CORP PACHE CORP	3935 4009 7802	NORTH MONOMENT G/SA UNIT 001 NORTH MONUMENT G/SA UNIT 009 NORTH MONUMENT G/SA UNIT 298 J R PHILLIPS 018		Active Active Active Active	0.69 0.69 0.70 0.70
3002512486 Al 3002535197 Al 3002540603 Al 3002531593 JA 2003504143	PACHE CORP PACHE CORP PACHE CORP ACK HUFF PACHE CORP	3935 4009 7802 3730	NORTH MONUMENT G/SA UNIT 009 NORTH MONUMENT G/SA UNIT 009 NORTH MONUMENT G/SA UNIT 298 J R PHILLIPS 018 SHELL B STATE 001 STATE H 003		Active Active Active Active	0.69 0.69 0.70 0.70 0.71
3002512486 A 3002535197 A 3002540603 A 3002531593 JA 3002504147 A 3002532399 C	UPACHE CORP UPACHE CORP ACK HUFF UPACHE CORP ACK HUFF UPACHE CORP UPACHE CORP	3935 3935 4009 7802 3730 5727 3700	NORTH MONUMENT G/SA UNIT 001 NORTH MONUMENT G/SA UNIT 009 NORTH MONUMENT G/SA UNIT 298 J R PHILLIPS 018 SHELL 8 STATE 001 STATE H 003 MAVEFTY STATE GAS COM 000		Active Active Active Active Active Active	0.69 0.69 0.70 0.70 0.71 0.72
3002512486 A 3002535197 A 3002540603 A 3002531593 JA 3002504147 A 3002532299 C 3002504146 A	UPACHE CORP UPACHE CORP ACKHE CORP ACK HUIFF UPACHE CORP IMAREX ENERGY CO. OF COLORADO UPACHE CORP	3935 4009 7802 3730 5727 3700 3879	NORTH MONUMENT G/SA UNIT 001 NORTH MONUMENT G/SA UNIT 009 NORTH MONUMENT G/SA UNIT 298 J R PHILLIPS 018 SHELL B 5TATE 001 STATE H 003 MAVEETY STATE GAS COM 00S STATE H 002	I I O O O G O	Active Active Active Active Active Active Active Plugged	0.69 0.69 0.70 0.70 0.71 0.72 0.72 0.72
3002512486 A 3002535197 A 3002540603 A 3002531593 JA 3002504147 A 3002532299 C 3002504146 A 3002512722 C	UPACHE CORP UPACHE CORP ACK HUFF IPACHE CORP IMAREX ENERGY CO. OF COLORADO IPACHE CORP IPACHE CORP HEVRON U S A INC	3935 4009 7802 3730 5727 3700 3879 7648	NORTH MONUMENT G/SA UNIT 001 NORTH MONUMENT G/SA UNIT 298 J R PHILUPS 018 SHELL B STATE 001 STATE H 003 MAVEETY STATE GAS COM 00S STATE H 002 NEW MEXICO E STATE NCT-1 005		Active Active Active Active Active Active Plugged Active Plugged Active	0.69 0.69 0.70 0.70 0.71 0.72 0.72 0.75 0.75
3002512486 A 3002535197 A 3002540603 A 3002501593 J 3002504147 A 300250299 Ct 3002504146 A 3002512722 Ct 3002504154 A	UPACHE CORP UPACHE CORP ACK HUFF UPACHE CORP UPACHE CORP UPACHE CORP UPACHE CORP HEVRON U S A INC UPACHE CORP	3935 4009 7802 3730 5727 3700 3879 7648 3890	NORTH MONUMENT G/SA UNIT 001 NORTH MONUMENT G/SA UNIT 009 NORTH MONUMENT G/SA UNIT 298 J R PHILLIPS 018 SHELL B STATE 001 STATE H 003 MAVEETY STATE GAS COM 00S STATE H 002 NEW MEXICO E STATE NCT-1 005 NORTH MONUMENT G/SA UNIT 011	I I I 0 0 0 0 6 0 0 6 0 0	Active Active Active Active Active Active Active Plugged Active Active Active	0.69 0.70 0.70 0.71 0.72 0.72 0.75 0.75 0.75
3002512486 A 3002535197 A 3002540603 A 3002531593 J 3002504147 A 300250299 Ct 3002504166 A 3002512722 Ct 3002504156 A 3002504156 R	UPACHE CORP UPACHE CORP ACK HUFF PACHE CORP MAREX ENERGY CO. OF COLORADO UPACHE CORP HEVRON U S A INC UPACHE CORP LECRORD U S A INC UPACHE CORP LECRORD US COMPANY	3935 3935 4009 7802 3730 5727 3700 3879 7648 3890 7625	NORTH MONUMENT G/SA UNIT 001 NORTH MONUMENT G/SA UNIT 009 NORTH MONUMENT G/SA UNIT 098 SHELL B STATE 001 STATE H 003 MAVEETY STATE GAS COM 00S STATE H 002 NEW MEXICO E STATE NCT-1 005 NORTH MONUMENT G/SA UNIT 011 E M E SWD 001	I 0 0 0 6 0 6 0 6 0 5	Active Active Active Active Active Active Active Active Plugged Active A	0.69 0.70 0.70 0.71 0.72 0.72 0.75 0.75 0.75 0.76
3002512486 Å 3002535197 Å 3002540603 Å 3002540603 Å 300250117 Å 3002504147 Å 3002504146 Å 3002504156 Å 3002504150 Å 3002504150 Å	UPACHE CORP UPACHE CORP ACK HUFF ACK ECORP ACK HUFF UPACHE CORP IMAREX ENERGY CO. OF COLORADO PACHE CORP HEVRON U S A INC PACHE CORP LICE OPERATING COMPANY AONUMENT DISPOSAL, INC.	3935 4009 7802 3730 5727 3700 3879 7648 3890 7625 5000	NORTH MONUMENT G/SA UNIT 001 NORTH MONUMENT G/SA UNIT 009 NORTH MONUMENT G/SA UNIT 098 J R PHILLIPS 018 STATE H 003 MAVEETY STATE GAS COM 00S STATE H 002 NEW MEXICO E STATE NCT-1 005 NORTH MONUMENT G/SA UNIT 011 E M E SWD 001	I 0 0 0 0 0 0 0 0 5 5 5	Active Plugged	0.69 0.69 0.70 0.70 0.72 0.72 0.75 0.75 0.75 0.76 0.77 0.77
3002512486 A 3002535197 A 3002540603 A 3002540603 A 3002504147 A 3002504147 A 3002504146 A 3002504146 A 3002504154 A 3002504150 R 3002537918 M	UPACHE CORP UPACHE CORP ACK HUFF UPACHE CORP IMAREX ENERGY CO. OF COLORADO UPACHE CORP HEVRON U S A INC UPACHE CORP ICE OPERATING COMPANY ADVIMMENT DISPOSAL, INC. UPACHE CORP	3935 4009 7802 3730 5727 3700 3879 7648 3890 7625 5000 3930	NORTH MONUMENT G/SA ONT 001 NORTH MONUMENT G/SA UNIT 009 NORTH MONUMENT G/SA UNIT 009 J R PHILLIPS 018 STATE H 003 MAVEETY STATE GAS COM 005 STATE H 002 NORTH MONUMENT G/SA UNIT 011 E M E SWD 001 MONUMENT 001 NORTH MONUMENT G/SA UNIT 0028	I I O O G O G O S S I	Active Active Active Active Active Active Plugged Active Active Active Plugged Active Plugged Active	0.69 0.69 0.70 0.72 0.72 0.75 0.75 0.75 0.76 0.77 0.77 0.77
30025312486 A 3002535197 A 3002540603 A 3002531593 JA 3002504147 A 3002504147 A 3002504146 A 3002504150 A 3002504154 A 3002504159 B 3002537918 M 300251266 A	UPACHE CORP UPACHE CORP ACK HUFF UPACHE CORP ACK HUFF UPACHE CORP UPACHE CORP HEVRON U S A INC UPACHE CORP ICE OPERATING COMPANY ICE OPERATING COMPANY ICE OPERATING COMPANY HEVRON U S A INC UPACHE CORP HEVRON U S A INC	3935 3935 4009 7802 3730 5727 3700 3879 7648 3890 7625 5000 3930 7532	NORTH MONUMENT G/SA UNIT 001 NORTH MONUMENT G/SA UNIT 009 NORTH MONUMENT G/SA UNIT 298 J R PHILLIPS 018 SHELL B STATE 001 STATE H 003 MAVEETY STATE GAS COM 00S STATE H 002 NEW MEXICO E STATE NCT-1 005 NORTH MONUMENT G/SA UNIT 011 E M E SWD 001 MONUMENT 001 NORTH MONUMENT G/SA UNIT 002B J R PHILLIPS 006	I I O O O O O O O O O O O O O	Active Active Active Active Active Active Active Plugged Active Active Active Active Active Active Active Active	0.69 0.69 0.70 0.70 0.72 0.72 0.75 0.75 0.75 0.76 0.77 0.77 0.77 0.77
30025312486 (A) 30025315197 (A) 3002540603 (A) 3002531593 (A) 3002532299 (C) 3002504146 (A) 3002532299 (C) 3002504150 (R) 3002504150 (R) 3002504150 (R) 3002537918 (A) 3002512466 (A) 3002505959 (C) 3002504169 (C)	UPACHE CORP UPACHE CORP ACK HUFF PACHE CORP PACHE CORP IPACHE CORP IPACHE CORP IPACHE CORP IPACHE CORP IEVRON U S A INC IPACHE CORP ICE OPERATING COMPANY AONUMENT DISPOSAL, INC. IPACHE CORP IEVRON U S A INC IMAREX ENERGY CO. OF COLORADO IMAREX ENERGY CO. OF COLORADO	3935 4009 7802 3730 5727 3700 3879 7648 3890 7625 5000 3930 7532 4000	NORTH MONUMENT G/SA UNIT 001 NORTH MONUMENT G/SA UNIT 009 NORTH MONUMENT G/SA UNIT 009 SHELL B STATE 001 STATE H 003 MAVEETY STATE GAS COM 00S STATE H 003 NEW MEXICO E STATE NCT-1 005 NORTH MONUMENT G/SA UNIT 011 E M E SWD 001 MONUMENT 001 NORTH MONUMENT G/SA UNIT 002B STATE A 005 STATE A 005		Active Active Active Active Active Active Active Plugged Active Plugged Active	0.69 0.69 0.70 0.70 0.72 0.72 0.75 0.75 0.75 0.76 0.77 0.77 0.77
30025512486 Å 300253197 Å 3002540603 Å 3002540603 Å 3002531593 Å 3002504147 Å 3002504146 Å 3002504146 Å 3002504146 Å 3002504150 R 3002504150 R 3002537918 M 3002512466 Å 300250559 (C) 30025033568 Å	UPACHE CORP UPACHE CORP UPACHE CORP ACK HUFF ACK ECORP ACK HUFF UPACHE CORP UPACHE CORP UPACHE CORP HEVRON U S A INC UPACHE CORP ICE OPERATING COMPANY AONUMENT DISPOSAL, INC. UPACHE CORP IHEVRON U S A INC IMAREX ENERGY CO. OF COLORADO UPACHE CORP IMAGES UPACHE UPACHES	3935 3935 4009 7802 3730 5727 3700 3879 7648 3890 7625 5000 3930 7532 4000 3535	NORTH MONUMENT G/SA UNIT 001 NORTH MONUMENT G/SA UNIT 009 NORTH MONUMENT G/SA UNIT 009 STATE H 003 MAVEETY STATE 0AL STATE H 003 MAVEETY STATE GAS COM 00S STATE H 002 NEW MEXICO E STATE NCT-1 005 NORTH MONUMENT G/SA UNIT 011 E M E SWD 001 MONUMENT 001 NORTH MONUMENT G/SA UNIT 002B STATE 4 006 STATE 4 007		Active Active Active Active Active Active Plugged Active Plugged Active Plugged Active	0.69 0.69 0.70 0.71 0.72 0.75 0.75 0.75 0.77 0.77 0.77 0.77 0.77
3002512486 Å 3002535197 Å 3002535197 Å 3002540603 Å 3002531593 Å 300253024147 Å 3002532299 C 3002504146 Å 3002512722 C 3002504150 Å 3002512728 Å 3002512728 Å 3002512728 Å 300251246 Å 30025305194 Å 3002535148 Å	UPACHE CORP UPACHE CORP ACK HUFF PACHE CORP ACK HUFF UPACHE CORP INAREX ENERGY CO. OF COLORADO UPACHE CORP HEVRON U S A INC PACHE CORP HEVRON U S A INC PACHE CORP HEVRON U S A INC MAREX ENERGY CO. OF COLORADO PACHE CORP PACHE CORP PACHE CORP PACHE CORP PACHE CORP	3935 3935 4009 7802 3730 5727 3700 3879 7648 3890 7625 5000 3930 7532 4000 3535 3947	NORTH MONUMENT G/SA UNIT 001 NORTH MONUMENT G/SA UNIT 001 NORTH MONUMENT G/SA UNIT 009 NORTH MONUMENT G/SA UNIT 009 STATE H 003 MAVEETY STATE GAS COM 00S STATE H 002 NEW MEXICO E STATE NCT-1 005 NORTH MONUMENT G/SA UNIT 011 E M E SWD 001 MONUMENT 001 NORTH MONUMENT G/SA UNIT 002B STATE A 006 STATE V 007 NORTH MONUMENT G/SA UNIT 003 NORTH MONUMENT G/SA UNIT 003 NORTH MONUMENT G/SA UNIT 003 NORTH MONUMENT G/SA UNIT 003 NORTH MONUMENT G/SA UNIT 003	I I I O O O G O G O S S S I G G G G G G G G G G G G G	Active Active Active Active Active Active Active Active Active Plugged Active A	0.69 0.69 0.70 0.70 0.71 0.72 0.75 0.75 0.75 0.76 0.77 0.77 0.77 0.77 0.77
3002512486 Å 300253197 Å 3002540603 Å 3002540603 Å 3002540603 Å 3002531593 Å 3002531593 Å 30025024146 Å 30025024154 Å 3002504150 R 3002504150 R 30025037918 Å 3002505195 (1 3002505104 Å 300255104 Å	JPACHE CORP JPACHE CORP ACK HUFF JPACHE CORP ACK HUFF JPACHE CORP JPACHE CORP INAREX ENERGY CO. OF COLORADO JPACHE CORP JPACHE CORP JPACHE CORP HEVRON U S A INC JPACHE CORP HEVRON U S A INC JPACHE CORP JPACHE CORP JPACHE CORP JPACHE CORP JPACHE CORP	3935 3935 4009 7802 3730 3730 3879 3879 7648 3890 7648 3890 7625 5000 3930 7532 4000 3535 3947 0	NORTH MONUMENT G/SA UNIT 001 NORTH MONUMENT G/SA UNIT 009 NORTH MONUMENT G/SA UNIT 009 SHELL B STATE 001 STATE H 003 MAVEETY STATE GAS COM 00S STATE H 002 NEW MEXICO E STATE NCT-1 005 NORTH MONUMENT G/SA UNIT 011 E M E SWD 001 MONUMENT 001 NORTH MONUMENT G/SA UNIT 002B STATE A 005 STATE A 005 STATE A 005 STATE A 005 STATE A 005 STATE A 005 NORTH MONUMENT G/SA UNIT 003 NORTH MONUMENT G/SA UNIT 003 NORTH MONUMENT G/SA UNIT 003 NORTH MONUMENT G/SA UNIT 003 NORTH MONUMENT G/SA UNIT 003	I I O O O G O S S I G G G G O O S S I I O O O O O O O O O O O O O	Active Active Active Active Active Active Plugged Active Activ	0.69 0.69 0.70 0.71 0.72 0.75 0.75 0.75 0.77 0.77 0.77 0.77 0.77
30025312486 Å 3002535197 Å 3002540603 Å 3002540603 Å 3002531593 Å 3002531593 Å 30025024147 Å 30025024146 Å 3002504150 Å 3002504150 Å 3002504150 Å 3002504150 Å 3002504169 (C) 3002503568 Å 3002505596 Å 3002505596 Å 3002505596 Å 3002505596 Å	UPACHE CORP UPACHE CORP PACHE CORP PACHE CORP PACHE CORP PACHE CORP IPACHE CORP IPACHE CORP IPACHE CORP IPACHE CORP ICE OPERATING COMPANY AONUMENT DISPOSAL, INC. IPACHE CORP INTEVRON U S A INC IMAREX ENERGY CO. OF COLORADO PACHE CORP PACHE CORP PACHE CORP PACHE CORP PACHE CORP PACHE CORP IPACHE IPACHE IP	3935 3935 4009 7802 3730 3737 3879 7648 3890 3839 7625 5000 3930 3930 3535 3930 3535 3947 0 0 3896	NORTH MONUMENT G/SA UNIT 001 NORTH MONUMENT G/SA UNIT 009 NORTH MONUMENT G/SA UNIT 009 NORTH MONUMENT G/SA UNIT 009 SHELL B STATE 001 STATE H 003 MAVEETY STATE GAS COM 00S STATE H 003 NORTH MONUMENT G/SA UNIT 011 EM E SWD 001 MONUMENT 001 NORTH MONUMENT G/SA UNIT 002B TATE H 003 NORTH MONUMENT G/SA UNIT 002B STATE 4 006 STATE 4 006 STATE 4 003 NORTH MONUMENT G/SA UNIT 005 LE PHILLIPS 013	I I O O O G O O G O O S S I I G G G G G I O O O O O O O O O O O O O	Active Active Active Active Active Active Active Plugged Active Plugged Active Decompliate Active New (Not drilled or compl) Active Decompliate Active New (Not drilled or compl) Active Decompliate Active Active Active Active Active Active Decompliate Active Decompliate Active Decompliate Active	0.69 0.695 0.70 0.70 0.71 0.72 0.75 0.75 0.75 0.77 0.77 0.77 0.77 0.77
3002512486 Å 3002535197 Å 300253053197 Å 3002540603 Å 3002531593 Å 3002530249 C 3002504147 Å 3002532299 C 3002504154 Å 3002504150 Å 3002504150 Å 3002504150 Å 3002505194 Å 3002505194 Å 3002505194 Å 3002505198 Å 3002505198 Å 3002505198 Å	PACHE CORP PACHE CORP PACHE CORP ACK HUFF PACHE CORP IMAREX ENERGY CO. OF COLORADO IPACHE CORP ILEVRON U S A INC PACHE CORP ICE OPERATING COMPANY NONUMENT DISPOSAL, INC. PACHE CORP HEVRON U S A INC PACHE CORP	3935 3935 4009 7802 3730 3730 3879 7648 3890 7625 5000 3930 7532 4000 3535 3947 0 3896 6000	NORTH MONUMENT G/SA UNIT 001 NORTH MONUMENT G/SA UNIT 009 NORTH MONUMENT G/SA UNIT 009 STATE H 003 STATE H 003 MAVEETY STATE GAS COM 00S STATE H 002 NEW MEXICO E STATE NCT-1 005 NORTH MONUMENT G/SA UNIT 011 E M E SWD 001 MONUMENT 001 MONUMENT 001 NORTH MONUMENT G/SA UNIT 003 STATE V 007 NORTH MONUMENT G/SA UNIT 003 NORTH MONUMENT G/SA UNIT 005 I R PHILLIPS 013	I I O O G O G G S S S I G G G G G G G G G O O O O O O O O O O O O O	Active Active Active Active Active Active Active Plugged Active Plugged Active	0.69 0.69 0.70 0.71 0.72 0.75 0.75 0.75 0.75 0.77 0.77 0.77 0.77
30025312486 Å 300253197 Å 3002540603 Å 3002540603 Å 3002540603 Å 3002531593 Å 3002531593 Å 3002531593 Å 3002504164 Å 3002504150 Å 3002504150 Å 3002505196 Å 3002505194 Å 3002505194 Å 3002505194 Å 3002505194 Å 3002505196 Å	JPACHE CORP JPACHE CORP JPACHE CORP ACK HUFF JPACHE CORP JPACHE CORP IPACHE CORP INAREX ENERGY CO. OF COLORADO JPACHE CORP IEVRON U S A INC JPACHE CORP IEVRON U S A INC JPACHE CORP JPACHE CORP	3935 3935 4009 78020 3730 3870 3870 3870 3820 7648 3890 7625 5000 3930 7532 4000 3930 3930 3535 3947 0 3385 6000 33920 3920	NORTH MONUMENT G/SA UNIT 001 NORTH MONUMENT G/SA UNIT 009 NORTH MONUMENT G/SA UNIT 009 STATE H 003 MAVEETY STATE GAS COM 00S STATE H 003 MAVEETY STATE GAS COM 00S STATE H 002 NEW MEXICO E STATE NCT-1 005 NORTH MONUMENT G/SA UNIT 011 E M E SWD 001 MONUMENT 001 NORTH MONUMENT G/SA UNIT 002B STATE A 006 STATE A 006 STATE V 007 NORTH MONUMENT G/SA UNIT 003 NORTH MONUMENT G/SA UNIT 003 NORTH MONUMENT G/SA UNIT 005 J R PHILLIPS 013 NORTH MONUMENT G/SA UNIT 005 J R PHILLIPS 007	I I O O G O G G C S S I G G G G G G G I O O O S S S I I O O O O O O O O O O O O O	Active Active Active Active Active Active Active Active Plugged Active Plugged Active Plugged Active Plugged Active Plugged Plugged Active Active Active Active Plugged Active	0.66 0.69 0.70 0.72 0.73 0.73 0.75 0.75 0.75 0.77 0.77 0.77 0.77 0.77
3002512486 Å 300253157 Å 3002540603 Å 3002540603 Å 3002531593 Å 3002531593 Å 300253299 (1 3002504146 Å 3002504146 Å 3002504154 Å 3002504154 Å 3002504159 Å 3002504159 Å 3002505104 Å 3002505104 Å 3002505104 Å 3002505104 Å 3002505956 Å 3002505956 Å	PACHE CORP IPACHE CORP IPACHE CORP ACK HUFF IPACHE CORP IMAREX ENERGY CO. OF COLORADO IPACHE CORP IMAREX ENERGY CO. OF COLORADO IPACHE CORP IEVENON U S A INC IEVENON U S A INC IPACHE CORP IEVENON U S A INC IPACHE CORP HEVRON U S A INC IMAREX ENERGY CO. OF COLORADO IPACHE CORP	3935 3935 4009 7802 3730 3700 3879 7648 3890 7625 55000 3930 3930 3930 3930 3930 3930 39	NORTH MONUMENT G/SA UNIT 001 NORTH MONUMENT G/SA UNIT 009 NORTH MONUMENT G/SA UNIT 009 SNORTH MONUMENT G/SA UNIT 298 J R PHILLIPS 018 STATE H 003 MAVEETY STATE GAS COM 00S STATE H 003 NEW MEXICO E STATE NCT-1 005 NORTH MONUMENT G/SA UNIT 011 E M E SWD 001 MONUMENT 001 NORTH MONUMENT G/SA UNIT 003 NORTH MONUMENT G/SA UNIT 003 NORTH MONUMENT G/SA UNIT 003 NORTH MONUMENT G/SA UNIT 005 J R PHILLIPS 013 NORTH MONUMENT G/SA UNIT 005 J R PHILLIPS 007 NORTH MONUMENT G/SA UNIT 005 J R PHILLIPS 007	I I I O O O G G O S S I I G G G G I O O O O O O O O O O O O O	Active Active Active Active Active Active Active Plugged Active Plugged New (Not drilled or compl) Active Plugged Active Plugged Pl	0.66 0.666 0.70 0.77 0.77 0.77 0.77 0.77
3002512486 Å 3002535137 Å 3002540603 Å 3002531593 Å 3002531593 Å 3002531593 Å 30025024147 Å 30025024146 Å 3002504150 Å 3002504150 Å 3002504150 Å 3002504150 Å 3002503596 Å 3002503596 Å 3002505596 Å	JPACHE CORP JPACHE CORP ACK HUFF JPACHE CORP ACK HUFF JPACHE CORP JPACHE CORP INAREX ENERGY CO. OF COLORADO JPACHE CORP INEVRON U S A INC JPACHE CORP JPACHE CORP	3935 3935 4009 7802 3730 3737 3700 3879 7648 3890 7625 5000 3930 3930 3930 3535 3947 0 0 3896 6000 3920 3920 5725 4020 5725	NORTH MONUMENT G/SA UNIT 001 NORTH MONUMENT G/SA UNIT 009 NORTH MONUMENT G/SA UNIT 009 SI P HILLIPS 018 STATE 1003 MAVEETY STATE 001 STATE 1003 NAVEETY STATE GAS COM 00S STATE 1002 NEW MEXICO E STATE NCT-1 00S NORTH MONUMENT G/SA UNIT 011 E M E SWD 001 MONUMENT 001 NORTH MONUMENT G/SA UNIT 002B STATE 4 006 STATE 4 007 STATE 4 007 NORTH MONUMENT G/SA UNIT 003 NORTH MONUMENT G/SA UNIT 005 J R PHILLIPS 007 NORTH MONUMENT G/SA UNIT 005 J R PHILLIPS 007 NORTH MONUMENT G/SA UNIT 005 J R PHILLIPS 007 NORTH MONUMENT G/SA UNIT 362 ARCO PHILLIPS 007	I I O O O G O O G O O S S I G G G G G G O O O O O O O O O O O O O	Active Active Active Active Active Active Active Plugged Active Plugged Active Plugged Active Plugged	0.66 0.660 0.70 0.77 0.77 0.72 0.75 0.75 0.75 0.77 0.77 0.77 0.77 0.77
3002512486 (A) 3002535197 (A) 3002535197 (A) 3002504160 (A) 30025024147 (A) 30025024147 (A) 30025024150 (A) 30025024150 (A) 3002504150 (A) 3002504150 (A) 3002505190 (A) 3002505194 (A) 3002505194 (A) 3002505196 (C) 3002505196 (C) 3002505776 (A) 3002505776 (A) 3002502776 (A) 3002502776 (A) 3002502776 (A) 3002502776 (A) 3002502776 (A) 3002502776 (A) 3002502776 (A) 3002502777 (A) 300250277 (A) 30025027 (A) 30027 (A) 30027 (A) 30027 (A) 300	JPACHE CORP JPACHE CORP JPACHE CORP JPACHE CORP JPACHE CORP IMAREX ENERGY CO. OF COLORADO JPACHE CORP HEVRON U S A INC JPACHE CORP ACCHE CORP ACCHE CORP ACCHE CORP JPACHE JPACHE	3935 3935 4009 7802 3730 3730 3879 7648 3890 7625 5000 3930 3930 7532 4000 33355 3947 0 3896 6000 39200 3920 39275 4020 5714 7725	NORTH MONUMENT G/SA UNIT 001 NORTH MONUMENT G/SA UNIT 009 NORTH MONUMENT G/SA UNIT 009 STATE H 003 MAVEETY STATE 001 STATE H 003 MAVEETY STATE GAS COM 00S STATE H 002 NEW MEXICO E STATE NCT-1 005 NORTH MONUMENT G/SA UNIT 011 E M E SWD 001 MONUMENT 001 MONUMENT 001 MONUMENT 004 STATE 4 007 STATE A 006 STATE 4 007 NORTH MONUMENT G/SA UNIT 003 I R PHILLIPS 013 NORTH MONUMENT G/SA UNIT 005 I R PHILLIPS 013 NORTH MONUMENT G/SA UNIT 005 J R PHILLIPS 007 NORTH MONUMENT G/SA UNIT 005 J R PHILLIPS 007 NORTH MONUMENT G/SA UNIT 005 J R PHILLIPS 007 NORTH MONUMENT G/SA UNIT 362 ARCO PHILLIPS A 007 SKELLY D STATE 004	I I O O G O G G C S S S I I G G G G G G O O O S S S I I O O O O O O O O O O O O O	Active Active Active Active Active Active Active Plugged Active Plugged Active Plugged Plugged Plugged Plugged Plugged Active Active Active Plugged Plugged Active	0.66 0.69 0.70 0.72 0.73 0.75 0.75 0.75 0.75 0.77 0.77 0.77 0.77
30025312486 Å 3002531597 Å 3002540603 Å 3002540603 Å 3002540603 Å 3002531593 Å 3002531593 Å 30025024146 Å 3002504154 Å 3002504150 Å 3002505196 Å 3002505196 Å 3002505196 Å 3002505196 Å 3002505776 Å 3002505776 Å 3002505777 Å 3002505777 Å 3002505777 Å	JPACHE CORP JPACHE CORP JPACHE CORP ACK HUFF JPACHE CORP JPACHE CORP JPACHE CORP INAREX ENERGY CO. OF COLORADO JPACHE CORP IEVRON U S A INC JPACHE CORP JPACHE CORP JPACHE CORP JPACHE CORP JPACHE CORP JPACHE CORP JPACHE CORP JPACHE CORP JPACHE CORP HEVRON U S A INC JPACHE CORP JPACHE JPACHE	3935 3935 4009 78020 3730 3700 3870 3870 38900 7625 5000 7625 5000 3930 3930 3930 3930 3930 3930 393	NORTH MONUMENT G/SA UNIT 001 NORTH MONUMENT G/SA UNIT 009 NORTH MONUMENT G/SA UNIT 009 SHELL B STATE 001 STATE H 003 MAVEETY STATE GAS COM 00S STATE H 002 NEW MEXICO E STATE NCT-1 005 NORTH MONUMENT G/SA UNIT 011 E M E SWD 001 MONUMENT 001 NORTH MONUMENT G/SA UNIT 002B STATE A 006 STATE A 006 STATE A 006 STATE A 007 NORTH MONUMENT G/SA UNIT 003 NORTH MONUMENT G/SA UNIT 005 I R PHILLIPS 013 NORTH MONUMENT G/SA UNIT 005 J R PHILLIPS 013 NORTH MONUMENT G/SA UNIT 005 J R PHILLIPS 007 NORTH MONUMENT G/SA UNIT 362 ARCO PHILLIPS A 007 SKELLY D STATE 004 NORTH MONUMENT G/SA UNIT 008	I I O O O G G O C S S I G G I O O C S S I G G I O O O O O O O O O O O O O	Active Active Active Active Active Active Active Plugged Active Plugged Active Plugged Plugged Plugged Plugged Active Acti	0.69 0.69 0.70 0.72 0.72 0.72 0.75 0.75 0.75 0.76 0.77 0.77 0.77 0.77 0.77 0.77 0.77
3002512486 Å 300253157 Å 3002540603 Å 3002540603 Å 3002531593 Å 3002531593 Å 30025024147 Å 30025024146 Å 30025024154 Å 3002504150 Å 30025037918 Å 30025037918 Å 3002505104 Å 3002505104 Å 3002505104 Å 3002505104 Å 3002505104 Å 300250576 Å 300250576 Å 300250576 Å 3002505776 Å 3002505776 Å 3002505776 Å 3002505776 Å 3002505776 Å 3002505776 Å 3002505776 Å 3002505776 Å 3002505776 Å 30025025776 Å	JPACHE CORP JPACHE CORP ACK HUFF JPACHE CORP ACK HUFF JPACHE CORP JPACHE CORP INARREX ENERGY CO. OF COLORADO JPACHE CORP JPACHE CORP	3935 3935 4009 78022 3730 3730 3879 7648 3890 7655 5000 3930 7655 5000 3930 7552 4000 3535 3947 0 33947 3947 3920 5714	NORTH MONUMENT G/SA UNIT 001 NORTH MONUMENT G/SA UNIT 009 NORTH MONUMENT G/SA UNIT 009 NORTH MONUMENT G/SA UNIT 009 STATE H 003 MAVEETY STATE 0A5 COM 00S STATE H 003 NAVEETY STATE 6A5 COM 00S STATE H 003 NORTH MONUMENT G/SA UNIT 011 E M E SWD 001 MONUMENT 001 NORTH MONUMENT G/SA UNIT 002B STATE 4 006 STATE 4 006 STATE 4 007 NORTH MONUMENT G/SA UNIT 003 NORTH MONUMENT G/SA UNIT 003 NORTH MONUMENT G/SA UNIT 005 I R PHILLIPS 007 NORTH MONUMENT G/SA UNIT 005 I R PHILLIPS 007 NORTH MONUMENT G/SA UNIT 005 I R PHILLIPS 007 NORTH MONUMENT G/SA UNIT 362 ARCO PHILLIPS A 007 SKELLY D STATE 004 NORTH MONUMENT G/SA UNIT 362 NORTH MONUMENT G/SA UNIT 362 NORTH MONUMENT G/SA UNIT 008 NORTH MONUMENT G/SA UNIT 008 NORTH MONUMENT G/SA UNIT 008	I I O O O G O C G G G G G G G G G G C O O O O O O O O O O O O O	Active Plugged New (Not drilled or compl) Active Plugged Plugged Plugged Plugged Plugged Plugged Active Act	0.66 0.65 0.70 0.71 0.72 0.72 0.75 0.75 0.75 0.77 0.77 0.77 0.77 0.77
3002512486 Å 300253197 Å 300253197 Å 300253197 Å 3002531593 Å 3002531593 Å 3002504147 Å 3002504147 Å 3002504147 Å 3002504147 Å 3002504147 Å 3002504147 Å 3002504147 Å 3002504147 Å 3002504149 Å 3002504149 Å 3002505104 Å 3002505104 Å 3002505104 Å 3002505106 Å	JPACHE CORP JPACHE CORP JPACHE CORP JPACHE CORP IMAREX ENERGY CO. OF COLORADO JPACHE CORP IHEVRON U S A INC JPACHE CORP INDIVERSITING COMPANY INDIVERSITING COMPANY INDIVERSITING COMPANY INDIVERSITING COMPANY INDIVERSITING COMPANY INDIVERSITING CONPANY INDIVERSITING CONPANY IPACHE CORP IPACHE IPA	3935 3935 4009 7802 3730 3737 3700 3879 7648 3890 7625 5000 3930 3930 3930 3930 3930 3930 393	NORTH MONUMENT G/SA UNIT 001 NORTH MONUMENT G/SA UNIT 009 NORTH MONUMENT G/SA UNIT 009 NORTH MONUMENT G/SA UNIT 009 STATE H 003 MAVEETY STATE 001 STATE H 003 MAVEETY STATE GAS COM 00S STATE H 003 NEW MEXICO E STATE NCT-1 00S NORTH MONUMENT G/SA UNIT 011 E M E SWD 001 MONUMENT 001 MONUMENT 001 MONUMENT 001 NORTH MONUMENT G/SA UNIT 003 NORTH MONUMENT G/SA UNIT 003 NORTH MONUMENT G/SA UNIT 005 J R PHILLIPS 006 STATE V 007 NORTH MONUMENT G/SA UNIT 005 J R PHILLIPS 007 NORTH MONUMENT G/SA UNIT 005 J R PHILLIPS 007 NORTH MONUMENT G/SA UNIT 362 ARCO PHILLIPS 007 SKELLY D STATE 004 NORTH MONUMENT G/SA UNIT 362 RARCO PHILLIPS 007 SKELLY D STATE 004 NORTH MONUMENT G/SA UNIT 008 NORTH MONUMENT G/SA UNIT 008 NORTH MONUMENT G/SA UNIT 008 NORTH MONUMENT G/SA UNIT 008 SKELLY D STATE 002	I I O O O G O C O C O C C C C C C C C C C C C C	Active Active Active Active Active Active Active Plugged Active Plugged Active Active Plugged Active Plugged Active Plugged Active Acti	0.69 0.69 0.70 0.71 0.72 0.72 0.75 0.75 0.77 0.77 0.77 0.77 0.77 0.77
3002512486 Å 300253197 Å 300253197 Å 3002540603 Å 3002531953 Å 3002504146 Å 3002532299 C 3002504146 Å 3002512722 C 3002504150 Å 3002512466 Å 3002505194 Å 3002505194 Å 3002505194 Å 3002505194 Å 3002505194 Å 3002505196 C 3002505196 Å 3002505196 Å 3002505776 Å 3002505776 Å 3002505777 Å 3002505777 Å 3002505777 Å 3002505777 Å 3002505777 Å 3002505777 Å 3002505777 Å 3002505777 Å 3002505777 Å 3002505778 Å 3002505778 Å 300250512461 Å	JPACHE CORP JPACHE CORP JPACHE CORP JPACHE CORP JPACHE CORP JPACHE CORP INAREX ENERGY CO. OF COLORADO JPACHE CORP HEVRON U S A INC JPACHE CORP JPACHE CORP HEVRON U S A INC JPACHE CORP JPACHE JPACHE JP	3935 3935 4009 78020 3730 3870 3870 3890 7625 5000 3930 7532 4000 3930 3930 3535 3947 0 3535 3947 0 3896 6000 3920 3752 4020 5725 4020 5725 3837 3945 3886 33530	NORTH MONUMENT G/SA UNIT 001 NORTH MONUMENT G/SA UNIT 009 NORTH MONUMENT G/SA UNIT 009 SI P HILLIPS 018 STATE H 003 MAVEETY STATE 0A1 STATE H 002 NEW MEXICO E STATE NCT-1 005 NORTH MONUMENT G/SA UNIT 011 E M E SWD 001 MONUMENT 001 MONUMENT 001 MONUMENT 0/SA UNIT 002B STATE 4 006 STATE 4 007 STATE 4 006 STATE 4 007 NORTH MONUMENT G/SA UNIT 003 NORTH MONUMENT G/SA UNIT 003 I R PHILLIPS 013 NORTH MONUMENT G/SA UNIT 005 J R PHILLIPS 007 NORTH MONUMENT G/SA UNIT 008 NORTH MONUMENT G/SA UNIT 008 NORTH MONUMENT G/SA UNIT 008 SKELLY D STATE 002	I I O O G O G G O S S S S I I G G G G G G G G G G G G G	Active Active Active Active Active Active Active Plugged Active Plugged Active Active Active Active Plugged Active Active Active Active Active Active Plugged Active Activ	0.69 0.69 0.70 0.71 0.72 0.75 0.75 0.75 0.75 0.77 0.77 0.77 0.77
3002512486 Å 3002531597 Å 3002540603 Å 3002540603 Å 3002531593 Å 3002531593 Å 3002531593 Å 30025024146 Å 3002504150 Å 3002504150 Å 3002505796 Å 3002505104 Å 3002505104 Å 3002505776 Å 3002505776 Å 3002505777 Å 3002505777 Å 3002505777 Å 3002505777 Å 3002505777 Å 3002505777 Å 3002505777 Å 3002505777 Å 3002505779 Å 3002505778 Å	JPACHE CORP JPACHE CORP JPACHE CORP ACK HUFF JPACHE CORP JPACHE CORP JPACHE CORP INAREX ENERGY CO. OF COLORADO JPACHE CORP INEVRON U S A INC JPACHE CORP INC JPACHE CORP JPACHE CORP	3935 3935 4009 78020 3730 3870 3870 3870 3890 7648 3890 7625 55000 3930 77532 4000 3930 77532 4000 3930 3933 3947 0 3896 6000 3920 3920 5725 3847 7725 3827 3945 3886 3830 3930 3930 3930 3930 3930 3930 3930	NORTH MONUMENT G/SA UNIT 001 NORTH MONUMENT G/SA UNIT 009 NORTH MONUMENT G/SA UNIT 009 NORTH MONUMENT G/SA UNIT 009 STATE H 003 MAVEETY STATE 001 STATE H 002 NEW MEXICO E STATE NCT-1 005 NORTH MONUMENT G/SA UNIT 011 E M E SWD 001 MONUMENT 001 NORTH MONUMENT G/SA UNIT 002B STATE A 006 STATE A 006 STATE A 006 STATE A 007 NORTH MONUMENT G/SA UNIT 003 NORTH MONUMENT G/SA UNIT 003 NORTH MONUMENT G/SA UNIT 005 J R PHILLIPS 013 NORTH MONUMENT G/SA UNIT 005 J R PHILLIPS 013 NORTH MONUMENT G/SA UNIT 005 J R PHILLIPS 007 NORTH MONUMENT G/SA UNIT 005 SKELLY D STATE 004 NORTH MONUMENT G/SA UNIT 008 NORTH MONUMENT G/SA UNIT 012	I I I O O O G G O O S S I I G G G I O O O O S S I I O O O O O O O O O O O O O	Active Active Active Active Active Active Active Active Plugged Active Plugged Active Plugged Plugged Plugged Plugged Plugged Active Ac	0.69 0.695 0.70 0.71 0.72 0.72 0.75 0.75 0.77 0.77 0.77 0.77 0.77 0.77

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07202111	APACHE CORP	3550	J R PHILLIPS B 005	G	Active	0
02538310	APACHE CORP	4040	NORTH MONUMENT G/SA UNIT 351	0	Active	0
02512484	APACHE CORP	3953	NORTH MONUMENT G/SA UNIT 004	0	Active	0
02533251	APACHE CORP	3600	J R PHILLIPS A 010	G	Active	0
02535119	CHEVRON U S A INC	7750	J R PHILLIPS 015	0	Active	0
02533297	MOMENTUM OPERATING CO INC	6000	SKELLY D STATE 005	0	Active	0
02534188	APACHE CORP	7700	APACHE STATE A 007	0	Plugged	0
02504126	APACHE CORP	3936	NORTH MONUMENT G/SA UNIT 015	1	Active	0
02505963	TEXACO EXPLORATION & PRODUCTION INC	0	J R PHILLIPS 010	G	Plugged	0
02535127	CHEVRON U S A INC	7700	NEW MEXICO E STATE NCT-1 008	0	Active	0
02531587	APACHE CORP	5150	NORTH MONUMENT G/SA UNIT 019	1	Active	0
02505962	CHEVRON U S A INC	5696	J R PHILLIPS 009H	0	Active	0
02526152	CIMAREX ENERGY CO. OF COLORADO	3800	MAVEETY STATE GAS COM 008	G	Plugged	0
02538313	APACHE CORP	4060	NORTH MONUMENT G/SA UNIT 357	0	Active	0
02505939	ENERVEST OPERATING LLC	5770	BRITT A 6 003	0	Plugged	0
02505940	CONOCO INC	0	BRITT A 6 004	G	Plugged	0
02505769	APACHE CORP	3890	NORTH MONUMENT G/SA UNIT 014	G	Active	0
02527303	APACHE CORP	3975	NORTH MONUMENT G/SA UNIT 001	1	Plugged	0
02512465	APACHE CORP	3940	NORTH MONUMENT G/SA UNIT 001	1	Active	0
02504166	APACHE CORP	3940	NORTH MONUMENT G/SA UNIT 002	0	Active	0
02535181	APACHE CORP	4024	NORTH MONUMENT G/SA UNIT 930	0	Active	0
02512462	APACHE CORP	3938	NORTH MONUMENT G/SA UNIT 010	0	Active	0
02505955		3529	I P RULLIDE CAS COM AND	G	Active	0
02532358	OBYY ENERGY CO	3450	W B MAUSETY 003	0	Rivered	0
025227886		4100	NEW MEYICO E STATE NOT 1 003	0	Plugged	0
02505029	ENERVEST OPERATING 11	2900	BRITT & 6 002	G	Active	0
02531611	CIMAREX ENERGY CO. OF COLORADO	3600	STATE A 007	G	Active	0
02505770	APACHE CORP	3000	NORTH MONUMENT G/SA UNIT 011	1	Active	0
02504164	APACHE CORP	3916	NORTH MONUMENT G/SA UNIT 009	1	Active	0
02539092	APACHE CORP	0945	W B MAVEETY 013	0	New (Not drilled or compl)	-
02505957	TEXACO EXPLORATION & PRODUCTION INC	0	J R PHILLIPS 004	0	Plugged	0
02505774	APACHE CORP	3935	NORTH MONUMENT G/SA UNIT 004	0	Active	0
02532393	APACHE CORP	4080	NORTH MONUMENT G/SA UNIT 028	0	Active	0
02532778	CHEVRON U S A INC	3700	W B MAVEETY 010	G	Active	0
02504123	HESS CORPORATION	3978	W A WEIR NCT A 001	0	Plugged	0
02504145	APACHE CORP	3877	STATE H 001	0	Active	1
02533754	APACHE CORP	3650	J R PHILLIPS B 007	G	Active	1
02504152	CHEVRON U S A INC	3892	NEW MEXICO E STATE NCT-1 002	G	Active	1
02535501	CHEVRON U S A INC	7850	J R PHILLIPS 016	0	Plugged	1
02504059	APACHE CORP	3998	NORTH MONUMENT G/SA UNIT 015	1	Active	1
02504053	APACHE CORP	3939	NORTH MONUMENT G/SA UNIT 014	1	Active	1
02504168	APACHE CORP	3912	NORTH MONUMENT G/SA UNIT 007	1	Active	1
02505775	APACHE CORP	3930	NORTH MONUMENT G/SA UNIT 006	0	Active	1
02512464	CHESAPEAKE OPERATING, INC.	3940	W B MAVEETY 005	G	Plugged	1
02505758	APACHE CORP	3890	NORTH MONUMENT G/SA UNIT 015	G	Active	1
32504063	APACHE CORP	3955	NORTH MONUMENT G/SA UNIT 016	0	Active	1
2538406	APACHE CORP	7593	W B MAVEETY 012	0	Active	1
12505925	APACHE CORP	3890	L M LAMBERT 001	G	Active	1
12504148	MOMENTUM OPERATING CO INC	3890	SKELLY D STATE 001	0	Active	1
2524799	APACHE CORP	4000	I R PHILLIPS B 006	G	Active	1
12505965	ABACHE CORP.	5250	J R PHILLIPS 012	0	Mugged	
12505961	APACHE CORP	5730	NORTH MONUMENT G/SA UNIT 283	G	Mugged	
109151	AFACHE LURP	3890	NONTH MONOMENT G/SA UNIT 013	0	Divergent	and the second second second
2523244	ADACHE CORD	36.90	STATE LCAS COLLOGE	16		and the second second
2532341	APACHE CORP	3530	STATE J GAS COM 005	G	Plugged	
2532341 2505968	APACHE CORP HESS CORPORATION	3530 5730	STATE J GAS COM 005 BRITT A 003 NORTH MONINENT C/SA LINET 003	G O	Plugged	
2532341 2505968 2505935	APACHE CORP HESS CORPORATION APACHE CORP	3530 5730 3500	STATE J GAS COM 005 BRITT A 003 NORTH MONUMENT G/SA UNIT 002 BRITT A COM 002	G	Plugged Active	
2532341 2505968 2505935 2505936	APACHE CORP HESS CORPORATION APACHE CORP UNION TEXAS PETROLEUM CORP	3530 5730 3500 10091	STATE J GAS COM 005 BRITT A 003 NORTH MONUMENT G/SA UNIT 002 BRITT A COM 007 SELBY MANEETY 0035	G G G	Plugged Plugged Active Plugged Plugged Plugged	
2532341 2505968 2505935 2505936 2504129 2504128	APACHE CORP HESS CORPORATION APACHE CORP UNION TEXAS PETROLEUM CORP ATLANTIC RICHFIELD SINCLAR DIE & GAS COMPANY	3530 5730 3500 10091 0	STATE J GAS COM 005 BRITT A 003 NORTH MONUMENT G/SA UNIT 002 BRITT A COM 007 SELBY MAVEETY 001 SELBY & MAVEETY 001	G G G O	Plugged Plugge	
2532341 2505968 2505935 2505936 2504129 2504128 2504054	APACHE CORP HESS CORPORATION APACHE CORP UNION TEXAS PETROLEUM CORP ATLANTIC RICHFIELD SINCLAIR OIL & GAS COMPANY APACHE CORP	3530 5730 3500 10091 0 2310 3943	STATE J GAS COM 005 BRITT A 003 NORTH MONUMENT G/SA UNIT 002 BRITT A COM 007 SELBY MAVEETY 001 SELBY & MAVEETY A 001 NORTH MONUMENT G73 A UNIT 013	G G G O O	Plugged Active Plugged Plugged Plugged Plugged Active	
2532341 2505968 2505935 2505936 2504129 2504128 2504064 2505767	APACHE CORP HESS CORPORATION APACHE CORP UNION TEXAS PETROLEUM CORP ATLANTIC RICHFIELD SINCLAIR OIL & GAS COMPANY APACHE CORP XTO ENERGY, INC	3530 5730 3500 10091 0 2310 3942 3895	STATE J GAS COM 005 BRITT A 000 BRITT A COM 007 SELBY MAVEETY 001Y SELBY MAVEETY 001Y SELBY & MAVEETY A 001 NORTH MONUMENT G/SA UNIT 013 B V CULP, NOT B 001	G G G O O I G	Plugged Plugged Active Plugged Plugged Plugged Active Active Active	
2532341 22505968 22505935 22504129 22504129 22504128 22504064 22505762 22505752	APACHE CORP HESS CORPORATION APACHE CORP UNION TEXAS PETROLEUM CORP ATLANTIC RICHFIELD SINCLAR OIL & GAS COMPANY APACHE CORP XTO ENERGY, INC APACHE CORP	3530 5730 3500 10091 0 2310 3942 3895 3940	STATE J GAS COM 005 BRITT A 003 BRITT A COM 007 BRITT A COM 007 SELBY & MAVEETY A 001 SELBY & MAVEETY A 001 NORTH MONUMENT G/SA UNIT 013 B V CULP NCT B 001 NORTH MONUMENT G/SA UNIT 013	G G G O O I G	Plugged Active Plugged Plugged Plugged Active Active Active	
2532341 2505968 2505936 2505936 2504129 2504128 2504064 2505762 2505752 2505752	APACHE CORP HESS CORPORATION PACHE CORP UNION TEXAS PETROLEUM CORP ATLANTIC RICHFIELD SINCLAR OIL & GASS COMPANY APACHE CORP XTO ENERGY, INC APACHE CORP ENERGY COPERATING LLC.	3530 5730 3500 10091 0 2310 3942 3895 3940 5730	STATE J GAS COM 005 BRITT A 003 NORTH MONUMENT G/SA UNIT 002 BRITT A COM 007 SELBY MAVEETY 001Y SELBY & MAVEETY A 001 NORTH MONUMENT G/SA UNIT 013 B V CULP NCT B 001 NORTH MONUMENT G/SA UNIT 013 BRITT A 6 05.	G G G O O I G I G I G	Plugged Active Plugged Plugged Plugged Active Active Active Active	
2532341 2505968 2505935 2505936 2504129 2504128 2504064 2505762 2505752 2505941 2531506	APACHE CORP HESS CORPORATION APACHE CORP UNION TEXAS PETROLEUM CORP ATLANTIC RICHFIELD SINCLAIR OIL & GAS COMPANY APACHE CORP XTO ENERGY, INC APACHE CORP ENERVEST OPERATING L.L.C. APACHE CORP	3530 5730 3500 00 2310 3942 3895 3940 5730 4352	STATE J GAS COM 005 BRITT A 003 NORTH MONUMENT G/SA UNIT 002 BRITT A COM 007 SELBY MAVEETY 001 SELBY & MAVEETY A 001 NORTH MONUMENT G/SA UNIT 013 B V CULP NCT B 001 NORTH MONUMENT G/SA UNIT 013 BRITT A 6 005 NORTH MONUMENT G/SA UNIT 010	G G G O O I G G I G G I O O O	Plugged Plugged Plugged Plugged Plugged Plugged Active Active Active Active Active Active Active	
2532341 2505968 2505935 2505936 2504129 2504128 2504064 2505762 2505752 2505752 2505941 2531506 2505759	APACHE CORP HESS CORPORATION APACHE CORP UNION TEXAS PETROLEUM CORP ATUANTIC RICHFIELD SINCLAIR OIL & GAS COMPANY APACHE CORP ENERVEST OPERATING LLC. APACHE CORP ENERVEST OPERATING LLC. APACHE CORP	3530 5730 3500 10091 0 2310 3942 3895 3895 3940 5730 4352 3900	STATE J GAS COM 005 BRITT A 000 BRITT A COM 007 SELBY MAVEETY 001Y SELBY MAVEETY 001Y SELBY & MAVEETY A 001 NORTH MONUMENT G/SA UNIT 013 BV CULP NCT B 001 NORTH MONUMENT G/SA UNIT 013 BRITT A 6 005 NORTH MONUMENT G/SA UNIT 010 J P PHILUPS A COM 001	G G G G O O I I G G I I G G O G G G G G	Plugged Active Plugged Plugged Plugged Plugged Active Active Active Active Active Plugged	
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3002505946	CHEVRON U S A INC	7400	G C MATTHEWS 005	0	Plugged	1.2
3002504159	APACHE CORP	3920	NORTH MONUMENT G/SA UNIT 006	0	Active	1.2
3002504232	APACHE CORP	3885	W P BYRD 001	0	Active	1.2
3002533944	APACHE CORP	7550	SELBY MAVEETY 003	0	Active	1.2
3002504235	APACHE CORP	3883	W A WEIR CAS COM DOA	G	Active	1.2
3002504119	APACHE CORP	3505	W P BYRD GAS COM 003	G	Active	1.2
3002532391	APACHE CORP	4142	NORTH MONUMENT G/SA UNIT 010	0	Active	1.2
3002535740	APACHE CORP	3910	NORTH MONUMENT G/SA UNIT 331	0	Active	1.2
3002504061	XTO ENERGY, INC	3975	GRAHAM STATE NCT C COM 008	G	Active	1.2
3002504245	SUNRAY OIL CO DX DIVISION	10625	COOPER A 009	0	Plugged	1.2
3002504054	APACHE CORP	4045	NORTH MONUMENT G/SA UNIT 011	L	Active	1.2
3002505765	XTO ENERGY, INC	5765	B V CULP NCT B 004	G	Active	1.29
3002504231	APACHE CORP	10827	H W ANDREWS 008	0	Active	1.2
3002504241	GRAHAM ROYALTY LTD	3890	ALASKA COOPER 001	0	Plugged	1.25
3002536587	APACHE CORP	3900	NORTH MONUMENT G/SA UNIT 335	0	Active	1.30
3002505989	MORGAN OPERATING, INC.	3775		6	Active	1.30
3002504227		5701	PRITT & ODA	G	Plugged	1.30
3002504062	APACHE CORP	3965	NORTH MONUMENT G/SA UNIT 009	i i	Active	13
3002505966	CIMAREX ENERGY CO. OF COLORADO	3906	BRITT A 001	0	Plugged	1.3
3002505951	CHEVRON U S A INC	5250	G C MATTHEWS 010	0	Plugged	1.31
3002504057	APACHE CORP	4001	NORTH MONUMENT G/SA UNIT 012	G	Plugged	1.3
3002532960	BURGUNDY OIL & GAS OF N M INC	3560	STATE J GAS COM DOB	G	Plugged	1.32
3002505766	APACHE CORP	3915	NORTH MONUMENT G/SA UNIT 002	0	Active	1.32
3002505750	APACHE CORP	3933	NORTH MONUMENT G/SA UNIT 014	0	Active	1.32
3002539055	APACHE CORP	4040	NORTH MONUMENT G/SA UNIT 377	0	Active	1.32
3002505971	CIMAREX ENERGY CO. OF COLORADO	5215	BRITTA 006	G	Plugged	1.33
3002505743	VTO ENERGY INC	3554	G C MATTHEWS 000	G	Active	1.3
3002512721	APACHE CORP	3885	MONUMENT ABO 002	0	Active	1.33
3002541003	APACHE CORP	2590	J R PHILLIPS & COM 002	G	Active	1.3:
3002533759	APACHE CORP	7505	W A WEIR 014	0	Active	1.3
3002504156	APACHE CORP	3921	NORTH MONUMENT G/SA UNIT 015	1	Active	1.30
3002504069	APACHE CORP	3993	W A WEIR GAS COM 007	G	Active	1.35
3002525216	APACHE CORP	3500	STATE J GAS COM 004	G	Plugged	1.39
3002505764	APACHE CORP	3895	NORTH MONUMENT G/SA UNIT 016	I.	Active	1.35
3002505988	MORGAN OPERATING, INC.	5717	COOPER B 010	0	Active	1.35
3002504158	APACHE CORP	3930	NORTH MONUMENT G/SA UNIT 011	1	Active	1.36
3002505927	APACHE CORP	3700	NORTH MONUMENT G/SA UNIT 001	I	Active	1.37
3002504121	APACHE CORP	3954	NORTH MONUMENT G/SA UNIT 003	0	Plugged	1.37
3002505763	APACHE CORP	3907	NORTH MONUMENT G/SA UNIT 009	1	Active	1.37
3002505931		3/30	LIM LAMBERT 007	0	Plugged	1.38
2002505985	ADACHE CORP	3895	NORTH MONUMENT G/SA UNIT 350	0	Plugged	1.38
3002538513	APACHE CORP	5235	I M LAMBERT 009	0	Active	1.35
3002533982	APACHE CORP	4025	NORTH MONUMENT G/SA UNIT 291	0	Active	1.39
3002504117	APACHE CORP	3836	NORTH MONUMENT G/SA UNIT 013	0	Plugged	1.39
3002504210	APACHE CORP	3895	H W ANDREWS 002	0	Active	1.40
3002505751	APACHE CORP	3965	NORTH MONUMENT G/SA UNIT 012	0	Active	1.40
3002532742	APACHE CORP	3600	STATE J GAS COM 007	G	Active	1.40
3002505755	APACHE CORP	3935	NORTH MONUMENT G/SA UNIT 015	1	Active	1.40
3002536860	LEGACY RESERVES OPERATING, LP	6600	COOPER 7 001	G	TA	1.40
3002533006	APACHE CORP	3685	W A WEIR GAS COM 009	G	Active	1.41
3002535692	ADACHE CORD	7420	NORTH MONUNER OF A UNIT OF	0	Plugged	1.41
2002504162	APACHE CORP	3930	STATE 5 005	G	Plugged	1.42
3002552722	APACHE CORP	3/50	NORTH MONUMENT C/SA UNIT 012	G	Active	1.42
3002541611	APACHE CORP	7800	MONUMENT ABO 004	0	New (Not drilled or comel)	1.42
3002505928	APACHE CORP	3880	L M LAMBERT 004	0	Plugged	1.44
3002534005	APACHE CORP	7550	W A WEIR 015	0	Active	1.44
3002505760	APACHE CORP	3905	NORTH MONUMENT G/SA UNIT 008	1	Active	1.44
3002537935	APACHE CORP	4168	NORTH MONUMENT G/SA UNIT 341	0	Active	1.44
3002505930	APACHE CORP	5650	NORTH MONUMENT G/SA UNIT 008	G	Plugged	1.44
3002533670	APACHE CORP	7600	W A WEIR 012	0	Active	1.44
3002520193	APACHE CORP	4050	NORTH MONUMENT G/SA UNIT 005	1	Active	1.44
3002504218	XTO ENERGY, INC	3894	EUNICE MONUMENT SOUTH UNIT B 850	0	Active	1.45
3002505952	CHEVRON U S A INC	5750	G C MATTHEWS 011	0	Plugged	1.46
002533045	APACHE CORP	8092	MONUMENT ABO 35 002	0	Active	1.46
002533696	APACHE CORP	7660	WAWER013	0	Rhunnad	1.46
300250504171	CHEVRON ILS & INC	3910	G C MATTHEWS 001	0	Plugged	1.48
002503942	APACHE CORP	3884	NORTH MONUMENT G/SA UNIT 005	G	Plugged	1.48
002505949	GULF OIL CORP	0000	G C MATHEWS 008	0	Plugged	1.49
3002532708	APACHE CORP	3760	ELLIOTT STATE 007	G	Active	1.49
3002505999	ENERVEST OPERATING L.L.C.	5713	BRITT 012	G	Active	1.49
3002504170	APACHE CORP	3847	NORTH MONUMENT G/SA UNIT 012	0	Active	1.50
3002504233	APACHE CORP	3880	W P BYRD 002	0	Active	1.50
3002504236	APACHE CORP	3875	W P BYRD BATTERY 2 005	0	Active	1.50
3002505990	ENERVEST OPERATING L.L.C.	3847	BRITT 002	0	Plugged	1.51
3002541045	APACHE CORP	4022	NORTH MONUMENT G/SA UNIT 392	0	Active	1.51
3002504160	APACHE CORP	3915	NORTH MONUMENT G/SA UNIT 014	0	Active	1.52
3002535621	APACHE CORP	3900	NORTH MONUMENT G/SA UNIT 327	0	Active	1.52
5002505947	CHEVRON U S A INC	9920	G C MATTHEWS 006	0	TA	1.52
3002504060	APACHE CORP	3975	NORTH MONUMENT G/SA UNIT 007	0	Active	1.52
3002555567	MORGAN OPERATING INC	7525	COOPER B 011	0	Physeod	1.52
3002504246	ADACHE CORD	3770	STATE T 003	G	Active	1.52
2002539150	APACHE CORP	3084	NORTH MONUMENT G/SA LINIT 349	0	Active	1.52
3002504079	MARATHON OIL CO	3984	MCGRAIL STATE 001	G	Plugged	1.52
3002505740	APACHE CORP	3950	NORTH MONUMENT G/SA UNIT 011	0	Active	1.55
3002505950	CHEVRON U S A INC	5250	G C MATTHEWS 009	0	Plugged	1.53
3002505945	CHEVRON U S A INC	3897	G C MATTHEWS 004	0	Plugged	1.54
2003533667	ADACHE CODD	0.04 -	ACCOAL STATE OND	0	Active	

	1 2012	NORTH AND IN THE CASE OF A DATE AND	10	A	
3002541799 APACHE CORP	3953	NORTH MONUMENT G/SA UNIT 437	0	Active	1.54
3002504242 LEGALY RESERVES OPERATING, LP	3890	ALASKA COOPER 004	0	Plugged	1.54
3002504077 APACHE CORP	3995	NUNTH MONUMENT G/SA UNIT 810	0	IA	1.54
3002504229 APACHE CORP	3890	H W ANDREWS 005	0	Active	1.54
3002535606 APACHE CORP	3916	NORTH MONUMENT G/SA UNIT 326	0	Active	1.55
3002505767 APACHE CORP	3923	NORTH MONUMENT G/SA UNIT 001	1	Active	1.55
3002504066 APACHE CORP	3970	NORTH MONUMENT G/SA UNIT 008	0	Active	1.56
3002504240 APACHE CORP	3370	W P BYRD GAS COM 001	G	Active	1.56
3002504067 XTO ENERGY, INC	3990	WILLIAM WEIR 001	G	Active	1.56
3002505916 APACHE CORP	5755	BERTHA BARBER 011	G	Active	1.57
3002533820 CHEVRON U S A INC	7532	WEIR B 002	0	Plugged	1.58
3002531982 DAVID H ARRINGTON OIL & GAS INC	8050	FOSTER 003	0	Active	1.58
3002531589 APACHE CORP	4500	NORTH MONUMENT G/SA UNIT 022	0	Active	1.58
3002536183 CLIMAX CHEMICAL CO	2449	FOSTER SALINE WATER 002	M	Plugged	1.59
3002504122 APACHE CORP	3845	NORTH MONUMENT G/SA UNIT 004	0	Plugged	1.59
3002525655 CLIMAX CHEMICAL CO	2420	SALINE WATER WELL 004	M	Plugged	1.59
3002533300 APACHE CORP	7661	REED A-3 FEDERAL 016	0	Plugged	1.59
3002505793 APACHE CORP	3897	NORTH MONUMENT G/SA UNIT 013	1	Active	1.60
3002504221 XTO ENERGY, INC	3905	EUNICE MONUMENT SOUTH UNIT B 851	1	Active	1.60
3002505984 GRAHAM ROYALTY LTD	C	ALASKA COOPER 002	0	Plugged	1.61
3002532659 DAVID H ARRINGTON OIL & GAS INC	3882	FOSTER 004	G	Active	1.61
3002532385 APACHE CORP	3650	BERTHA BARBER 014	G	Active	1.61
3002505910 APACHE CORP	3954	NORTH MONUMENT G/SA UNIT 004	L.	Active	1.62
3002533997 APACHE CORP	3930	NORTH MONUMENT G/SA UNIT 293	0	Active	1.62
3002533551 APACHE CORP	7550	W A WEIR 010	0	Active	1.62
3002505796 APACHE CORP	3906	NORTH MONUMENT G/SA UNIT 012	1	Active	1.62
3002539582 APACHE CORP	5888	BERTHA BARBER 024	0	Active	1.62
3002532533 APACHE CORP	3596	STATE J GAS COM 006	G	Plugged	1.63
3002504211 APACHE CORP	3890	H W ANDREWS 003	G	Active	1.63
3002505747 APACHE CORP	3971	NORTH MONUMENT G/SA UNIT 005	L COLUMN	Active	1.63
3002532381 APACHE CORP	3700	ELLIOTT STATE 006	G	Active	1.64
3002530932 XTO ENERGY, INC	3600	STATE H 003	G	Active	1.64
3002504080 HESS CORPORATION	4004	NORTH MONUMENT G/SA UNIT 008	0	Plugged	1.65
3002504112 APACHE CORP	3957	NORTH MONUMENT G/SA UNIT 018	0	Active	1.65
3002531586 APACHE CORP	4500	NORTH MONUMENT G/SA UNIT 019	0	TA	1.65
3002532698 CONOCOPHILLIPS COMPANY	3730	STATE AC 007	G	Active	1.65
3002541046 APACHE CORP	4030	NORTH MONUMENT G/SA UNIT 393	0	Active	1.65
3002505757 APACHE CORP	3850	NORTH MONUMENT G/SA UNIT 016	0	Active	1.65
3002505914 MARATHON OIL CO	99	BERTHA BARBER 009	0	Plugged	1.65
3003505997 ENERVEST OPERATING LLC	5720	ABUTT 010	0	Phipped	1.66
3002502219 ATLANTIC RICHEIELD	3896	MARY I BYRD 002	0	Plugead	1.66
3002533190 ADACHE CORP	8100	M E GAITHER 005	0	Active	1.60
3002535190 APACHE CORP	4090	NORTH MONITARENT G/SA LINIT 274	0	Active	1.00
2002535007 APACHE CORP	4060	INDET OUT	0	Active	1.00
3002505992 ENERVEST OPERATING L.L.C.	38//	BRITT 004	0	Active	1.66
SUUZSU41/4 APACHE CORP	3906	NORTH MONOMENT G/SA UNIT 017	0	Plugged	1.00
3002505955 CHEVRON U S A INC	6550	GC MATTHEWS UIZ	0	Plugged	1.00
3002535945 CIMAREX ENERGY CO. OF COLORADO	99	BERTHA BARBER 020	0	Piugged	1.67
3002504101 APACHE CORP	3950	MEGATHER 001	G	Active	1.67
3002533199 DAVID H ARKINGTON OIL & GAS INC	8090	E H CADDIS 001	0	Plugged	1.67
3002505753 APACHE CORP	3945	NORTH MONUMENT G/SA UNIT 010	0	Active	1.6/
3002505913[APACHE CORP	3900	BERTHA BARBER 008	G	Active	1.67
3002505944 GULF OIL CORP	0	G C MATHEWS 003	0	Plugged	1.68
3002505786 APACHE CORP	3910	NORTH MONUMENT G/SA UNIT 005	1	Active	1.68
3002535130 APACHE CORP	3974	NORTH MONUMENT G/SA UNIT 296	0	Active	1.68
3002505756 MARATHON OIL CO	3933	ELLIOTT STATE 004	G	Plugged	1.68
3002532579 APACHE CORP	3850	MCGRAIL STATE 003	G	Active	1.69
3002541043 APACHE CORP	4037	NORTH MONUMENT G/SA UNIT 390	0	Active	1.69
3002505948 CHEVRON U S A INC	3736	G C MATTHEWS 007	0	Plugged	1.69
3002504079 APACHE CORP	4005	NORTH MONUMENT G/SA UNIT 011	0	Plugged	1.70
3002527082 XTO ENERGY, INC	3725	GRAHAM STATE NCT C COM 009	G	Active	1.71
3002504161 APACHE CORP	3920	NORTH MONUMENT G/SA UNIT 013	1	Active	1.71
3002504173 BURGUNDY OIL & GAS OF N M INC	3930	REED A 3 002	0	Active	1.72
3002505972 ENERVEST OPERATING LLC.	3881	BRITT 001	G	Active	1.72
3002504072 BRECK OPERATING CORP	3985	STATE A 26 001	0	Active	1.72
3002504104 APACHE CORP	3800	NORTH MONUMENT G/SA UNIT 017	0	Plugged	1.72
3002532835JAPACHE CORP	3700	BYRD GAS COM 009	0	Active	1.72
3002534024 APACHE CORP	7550	W A WEIK BOOG	0	Active	1.72
3002030923 ATU ENERGY, INC	3950	A W SHITH OUT	0	Active	1./3
2002E05037 MAADATHON OIL CO	3909	BERTUA BARRED (DO NOT LECIONS	G	Distand	1.73
2002504326 ARCO DERMIAN	2010	BYRD GAS COM 007	G	Plugged	1.74
2002200220 ARCHE CORD	3050	NORTH MONUMENT C/CA UNIT 375	0	Active	1.74
30025353008 APACHE CORP	4050	NORTH MONUMENT G/SA UNIT 375	0	Active	1.74
3003505746 ADACHE CORP	3697	NORTH MONUMENT G/SA UNIT 552	0	Active	1.74
3002536182 CUMAX CHEMICAL CO	3959	EOSTER SALINE WATER ON	M	Plugged	1.74
2002522035 ADACHE CORD	2482	H W ANDREWS 015	G	Activa	1.74
3002533607 APACHE CORP	3498	MCGRAIL STATE 000	0	Artive	1.74
3002505974 APACHE CORP	7988	RERTHA L BARRER 003	0	Plugged	1.74
3002533598 CHEVRON U.S.A.INC	3694	STATE & 26 006	0	Plugged	1.75
3002505915 MARATHON OIL CO	5740	BERTHA BARBER 010	0	Plugged	1.75
3002538455 ADACHE CORD	5742	NORTH MONUMENT C/CA UNIT 200	0	Active	1.75
2002536433 APACHE CORP	4088	W D RVPD BATTERY 2 002	0	Active	1.75
3002304234 APACHE CORP	3875	W P BTRD BATTERT 3 003	0	Active	1.75
3002504238 APACHE CURP	3880	W P BTRD A 001	0	Active	1.75
3002504070 APACHE CORP	4062	NORTH MONUMENT G/SA UNIT 007	0	Active	1.76
3002533436 APACHE CORP	7525	SMITH 008	0	Active	1.76
3002538149 APACHE CORP	3990	NORTH MONUMENT G/SA UNIT 346	0	TA	1.76
3002505911 MARATHON OIL CO	3890	BERTHA BARBER 006	0	Plugged	1.76
3002505977 CHEVRON U S A INC	5700	BERTHA J BARBER 009	0	Active	1.77
3002504058 APACHE CORP	4028	NORTH MONUMENT G/SA UNIT 002	0	Active	1.77
3002505787 APACHE CORP	3920	NORTH MONUMENT G/SA UNIT 004	Distance of	Active	1.77
3002504056 APACHE CORP	4055	NORTH MONUMENT G/SA UNIT 003	0	Plugged	1.77
3002504243 MORGAN OPERATING, INC.	3890	COOPER B 005	0	Active	1.78
3002504222 XTO ENERGY, INC	4000	EUNICE MONUMENT SOUTH UNIT B 852	0	Active	1.78
3002534327 APACHE CORP	7800	BERTHA BARBER 018Y	0	Plugged	1.78

2534205					
the second se	MARATHON OIL CO	7800	BERTHA BARBER 018	0	Plugged
2504228	APACHE CORP	3885	H W ANDREWS 004	0	Active
2505079	CHESADEAKE ODERATING INC	\$250	REPTHA I RAPRER 012	0	Plugged
2303376	CHESAFEARE OF ERATING, ITC.	3604		0	A status
2504224	XTO ENERGY, INC	3901	EUNICE MONUMENT SOUTH UNIT B 856	0	Active
2535605	APACHE CORP	3918	NORTH MONUMENT G/SA UNIT 325	0	Active
2505902	RICE OPERATING COMPANY	5712	E M E SWD 005	S	Active
2539565	APACHE CORP	7703	BERTHA BARBER 023	0	Active
3504065		2099	NORTH MONITAGINE CAL UNIT ONL	1	Active
2504065	APALHE LORP	3300	NORTH MONOMENT G/SK DNIT OUT	10	ALUVE
2504175	BURGUNDY OIL & GAS OF N M INC	3930	REED A 3 003	G	Active
2504068	APACHE CORP	3980	NORTH MONUMENT G/SA UNIT 004	G	Plugged
2536267	MATADOR OPERATING CO	99	BERTHA BARBER 022	0	Plugged
2504105	PHOMBLIS ODEPATING CO ITD	3975	NORTHWEST FUMONT UNIT 153	1	Plugged
2304203		3631	STATE IL 003	0	Arthur
2533013	APACHE LORP	3031	STATE 0 003	0	Acuve
2533996	APACHE CORP	3933	NORTH MONUMENT G/SA UNIT 292	0	Active
2504220	XTO ENERGY, INC	4000	EUNICE MONUMENT SOUTH UNIT B 857	0	Active
2504113	DAVID H ARRINGTON OIL & GAS INC	3953	FOSTER 002	G	Active
1622106	DAVID H ARRINGTON OIL & GAS INC	8047	FOSTER 005	0	Plupped
200000		7407		0	Active
2533512	APACHE CORP	7493	SWITH ODA	0	Active
2505998	ENERVEST OPERATING L.L.C.	5700	BRITT 011	G	Plugged
2505754	APACHE CORP	3940	NORTH MONUMENT G/SA UNIT 009	1	Active
2532897	XTO ENERGY, INC	3650	STATE H 004	G	Active
2533514	DAVID H APPINGTON OIL & GAS INC	8020	BOYAL WULEE 001	0	Active
23333314		0200	COORED B 007	0	Action
2505987	MORGAN OPERATING, INC.	3885	COOPER B 007	0	Active
2505794	APACHE CORP	3897	NORTH MONUMENT G/SA UNIT 014	1	Active
2532384	APACHE CORP	3727	BERTHA BARBER 013	G	Active
2504187	J R OIL, LTD. CO.	3905	REED SANDERSON UNIT 004	0	Active
2504212	XTO ENERGY INC	2200	EUNICE MONUMENT SOUTH UNIT & PER	0	Active
22222		5650	ALE CALTUER ODE	0	Active
2555191	AFACHECORP	8400	IN E GATTHER OUG	-	at and
2505903	HESS CORPORATION	0	E S ADKINS 003	0	mugged
2505745	APACHE CORP	3975	NORTH MONUMENT G/SA UNIT 004	0	Active
2505908	APACHE CORP	3894	NORTH MONUMENT G/SA UNIT 003	1	Active
2505740	APACHE CORP	3964	NORTH MONUMENT G/SA UNIT 007	1	Active
25.05.202	ADACUE CORP	2004	NORTH MONUMENT CASA UNIT OLS	1	Active
2303/9/		3901		6	A stiller
2533126	LEGACT RESERVES OPERATING, LP	3650	ALASKA COOPER 008	6	Active
2541724	APACHE CORP	4019	NORTH MONUMENT G/SA UNIT 398	0	Active
2532532	APACHE CORP	3760	BERTHA BARBER 015	G	Active
2505748	CONOCOPHILLIPS COMPANY	3700	STATE AC COM 004	G	Plugged
2522761	CONOCO INC	9195	KLEIN FEDERAL 001	0	Plugged
2333702		2002	CTATE & 3C 003	0	Action
2504073	BRECK OPERATING CORP	2993	STATE A 20 002	0	ACTIVE
2541267	APACHE CORP	3956	BERTHA J BARBER 018	0	New (Not drilled or compl)
2505901	HESS CORPORATION	0	E S ADKINS 001	0	Plugged
2541726	APACHE CORP	3952	NORTH MONUMENT G/SA UNIT 436	0	Active
2533671	APACHE CORP	7650	W A WEIR B 004	0	Active
2505724	APACHECORP	3935	NORTH MONUMENT G/SA UNIT 013	1	Active
0541393		2054	BERTHA I RAPBER 016	0	New (Not drilled or compl)
2041202	AFACHE CONF	4033	NORTH HONINGER VIC	0	Antiper Contractor Contractor
2504071	APACHE CORP	4033	NORTH MONUMENT G/SA UNIT 006	U	ACLIVE
			The set as set of a local set of the set of the set of the set of the set		NAME OF TAXABLE PARTY AND ADDRESS OF TAXABLE PARTY.
2541281	APACHE CORP	3950	BERTHA J BARBER 015	0	New (Not drilled or compl)
2541281 2533545	APACHE CORP CHEVRON U S A INC	3950 7690	BERTHA J BARBER 015 J W SMITH 010	0	New (Not drilled or compl) Plugged
2541281 2533545 2534204	APACHE CORP CHEVRON U S A INC APACHE CORP	3950 7690 7800	BERTHA J BARBER 015 J W SMITH 010 BERTHA BARBER 017	0	New (Not drilled or compl) Plugged Active
2541281 2533545 2534204 2504213	APACHE CORP CHEVRON U S A INC APACHE CORP XTO ENERGY, INC	3950 7690 7800 3875	BERTHA J BARBER 015 J W SMITH 010 BERTHA BARBER 017 EUNICE MONUMENT SOUTH UNIT B 859	0 0 0	New (Not drilled or compl) Plugged Active Active
2541281 2533545 2534204 2504213	APACHE CORP CHEVRON U S A INC APACHE CORP XTO ENERGY, INC BACHE CORP	3950 7690 7800 3875 3895	BERTHA J BARBER 015 J W SMITH 010 BERTHA BARBER 017 EUNICE MONUMENT SOUTH UNIT B 859 NORTH MONUMENT SOLTH UNIT 005	0 0 0 0 0 0	New (Not drilled or compl) Plugged Active Active Plugged
2541281 2533545 2534204 2504213 2505912	APACHE CORP CHEVRON U S A INC APACHE CORP XTO ENERGY, INC APACHE CORP	3950 7690 7800 3875 3895	BERTHA J BARBER 015 J W SMITH 010 BERTHA BARBER 017 EUNICE MONUMENT SOUTH UNIT B 859 NORTH MONUMENT G/SA UNIT 006		New (Not drilled or compl) Plugged Active Active Plugged Plugged
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	Table A2: Wells Penetrating the Injection Zone within One Mile of Proposed Targa Monument AGI #1R												
API	OPERATOR	PLUG_DATE	SPUD_DATE	TVD_DEPTH	WELL_NAME	WELL_TYPE	COMPL_STAT	COUNTY	LATITUDE	LONGITUDE			
3002540002	TARGA MIDSTREAM SERVICES LLC	9/13/2016	21-Mar-11	9208	MONUMENT AGI 001	I	Plugged	Lea	32.61123145	-103.3075149			
3002512473	APACHE CORP	[]	2-May-48	10255	STATE F GAS COM 005	G	Active	Lea	32.61170528	-103.3099364			
3002512478	APACHE CORP	5-Jul-12	2/22/1948	9822	NORTH MONUMENT G/SA UNIT 032	0	Plugged	Lea	32.6113661	-103.3013947			
3002512481	APACHE CORP	<u> </u>	7-Jan-59	10100	NORTH MONUMENT G/SA UNIT 285	0	Active	Lea	32.61906674	-103.3098964			
3002520517	APACHE CORP		28-Dec-62	9900	NORTH MONUMENT G/SA UNIT 286	0	TA	Lea	32.61865867	-103.3052063			
3002505780	ATLANTIC RICHFIELD	2-Jan-00	2-Jan-00	9900	J R PHILLIPS A 008	G	Plugged	Lea	32.61136443	-103.2961668			
3002523632	ARCO PERMIAN	27-Jan-99	11-Jan-71	9650	J R PHILLIPS A 009	G	Plugged	Lea	32.61196999	-103.2970866			
3002504134	APACHE CORP	<u> </u> '	8-May-47	9953	J R PHILLIPS 005	0	Active	Lea	32.60773782	-103.3014047			
3002504136	APACHE CORP	<u> </u>	12/22/1977	10214	J R PHILLIPS 007	0	TA	Lea	32.60410936	-103.3017491			
3002505964	CHEVRON U S A INC		2/20/1958	9814	J R PHILLIPS 011	G	Active	Lea	32.60752788	-103.2968443			
	-												
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OPERATOR	ADDRESS												
Apache Corporation	303 VETERANS AIRPARK LANE	SUITE 3000	MIDLAND	тх	79705	873							
Chevron USA, Inc.	CHEVRON U S A INC	1400 SMITH	HOUSTON	тх	77002	4323							
Targa Midstream Services, LP	TARGA MIDSTREAM SERVICES LLC	1000 LOUISIANA, STE 4300	HOUSTON	тх	77002	24650							
XTO Energy, Inc.	XTO ENERGY, INC	PO BOX 6501	ENGLEWOOD	со	80155	5380							

Table A3: Operators within One Mile of Proposed Targa Monument AGI #1R



Figure A1: Oil and Gas Wells within Two Miles of Proposed AGI #1R



Figure A2: Oil and Gas Wells Penetrating the Injection Zone within One Mile of Proposed AGI #1R

APPENDIX B

Original C-108 Application Targa Midstream Monument Gas Plant and NMOCD Order R-13052 and Administrative Order IPI-416

<u>C-108</u>

Ta	ab	

- B AOR 2 mi., ½ mi., 1 mi.
- C C-108 Parts III through XIV
- D Legal Notice; Proof of Notification
- E List of Wells, 1 mi. AOR
- F Wellbore schematics, AOR wells
- G Pore Volume calculations
- H C-102 and area locator maps

STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL
RESOURCES DEPARTMENT

Off Conservation Division 1220 South St. Francis Dr. Santa Fe, New Mexico 87505

RES	OURCES DEPARTMENT Santa Fe, New Mexico 87585
	APPLICATION FOR AUTHORIZATION TO INJECT
I.	PURPOSE:Secondary RecoveryPressure MaintenanceDisposalStorage Application qualifies for administrative approval?YesNo
П.	OPERATOR: TARGA Resources LLC
	ADDRESS: B201 Snith Hory 322 Manunent New Marico B8265
	CONTACT PARTY: Michael Plancis PHONE: 50 5 948 0545
Ш.	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?YesNo If yes, give the Division order number authorizing the project:
V.	Attach a map that identifies all wells and leases within two miles of any proposed injection well with a one-half mile radius circle drawn around each proposed injection well. This circle identifies the well's area of review.
VI.	Attach a tabulation of data on all wells of public record within the area of review which penetrate the proposed injection zone. Such data shall include a description of each well's type, construction, date drilled, location, depth, record of completion, and a schematic of any plugged well illustrating all plugging detail.
VII.	Attach data on the proposed operation, including:
	 Proposed average and maximum daily rate and volume of fluids to be injected; Whether the system is open or closed; Proposed average and maximum injection pressure; Sources and an appropriate analysis of injection fluid and compatibility with the receiving formation if other than reinjected produced water, and, 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 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 any such sources 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 sources 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:
¢	E-MAIL ADDRESS: <u>Mf Geol & ADL. Conn</u> If the information required under Sections VI, VIII, X, and XI above has been previously submitted, it need not be resubmitted.

If the information required under Sections VI, VIII, X, and XI above has been previously submitted, it need not be resubmitted.
Please show the date and circumstances of the earlier submittal:

DISTRIBUTION: Original and one copy to Santa Fe with one copy to the appropriate 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 the 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, 1220 South St. Francis Dr., Santa Fe, New Mexico 87505, 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.

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5-22-2008

FORM C-108 Graham State NCT-F No. 7

TARGA RESOURCES LLC Acid Gas Injection (AGI) Application



TARGA RESOURCES LLC Acid Gas Injection (AGI) Application

Form C-108

PART III. WELL DATA

Α.

- Monument AGI No.1
 662' FSL & 2513' FWL
 Section 36 T19S R36E
 Unit O
 Lea County, New Mexico
- 2. See attached wellbore schematic
- 3. We propose to run approximately 8400' feet of 2 7/8" plastic coated tubing.
- 4 We will use an appropriate packer as a seal and will set it at approximately 50' above the open-hole interval. The casing annulus will be loaded with appropriate packer fluid.

PART III

1.

B.

- Targa Resources LLC proposes to drill the Monument AGI No.1 well at a non-standard location of 662'FSL & 2531'FEL in section 36 – T19S – R36E to a depth of approximately 9200'. The injection interval in the Monument AGI No.1 will be approximately 8350'-9200' in the Devonian and Fusselman formations to take advantage of the porosity development. The Devonian and Fusselman are not productive in the Area of Review.
- 2. The injection interval will be an open-hole completion at approximately 8350'-9200'.
- 3. This well will be drilled by Targa Resources LLC, as an acid gas injection well.
- 4. There will be no perforations in this well.

TARGA RESOURCES LLC Acid Gas Injection (AGI) Application

5. There is production in the AOR from both above and below the injection interval;

Eumont Yates-SR Queen at approximately 2700-3500'

Eunice Monument Grayburg San Andres at approximately 3500-3900'

Monument Paddock at approximately 5100'

Monument Blinebry at approximately 5600'

Monument Tubb at approximately 6700'

Monument Abo at approximately 7100'

Monument McKee – Ellenburger at approximately 9500'

PART VII.

- 1. The proposed average daily injection rate will be 3500 bbl/day +2.66 mmscfd, and the maximum rate will be 5000 bbls + 3.38 mmscfd.
- 2. The system will be closed.
- 3. The anticipated injection pressure is 0 PSI. The maximum injection pressure will not exceed the limits set forth by the NMOCD.
- 4. The source of the water will be from TARGA RESOURCES LLC Monument Gas Plant, located just west of the Monument AGI No.1 well.

The analysis for the gas is as follows;

TARGA RESOURCES LLC Acid Gas Injection (AGI) Application

Design basis:

For minimum volume

Low Case

Acid Gas:

H2S, mol % 21.27

CO2, mol % 68.54

Volume, mmscfd 2.66

For maximum volume

High Case

Acid Gas:

H2S, mol % 28.14

CO2, mol % 61.82

Volume, mmscfd 3.38

Sp.gravity = approx 1.4.

5. The Devonian/Fusselman formations are not productive within one mile of the Monument AGI No.1 well location.

PART VIII

The injection interval is Siluro-Devonian aged Devonian/Fusselman formations. It is primarily composed of porous Dolomite, Limestone, \searrow and minor chert. The Devonian/Fusselman is approximately 850' thick at the proposed location.

TARGA RESOURCES LLC Acid Gas Injection (AGI) Application

The top of the Devonian is at approximately 8350', with the base of the Fusselman at about 9200'.

The entire area is overlain by Quaternary alluvium. This alluvium is the major source of fresh water in the immediate area, at a depth of approximately 20 to 50' from surface. The Ogalalla is not present at this location.

There are no known sources of drinking water below the injection interval.

PART IX

The injection interval will be treated with acid if necessary.

PART X

The well will be logged with standard open-hole logs, including GR - Neutron, Density with caliper, and resistivity.

PART XI

Analyses for fresh water wells in the area were previously submitted for the Graham State NCT-F No. 7 well, located 330'FSL &1650'FEL section 36 - T19S - R36E, unit O, Lea County New Mexico. This well is currently an active SWD well operated by Targa Resources, LLC for its' Monument gas plant. This well was permitted in June 1994, OCD permit SWD-561. The proposed Monument AGI No.1 and the Graham State NCT- # 7 well are both located in unit O, section 36 - T19S - R36E.

PART XII

We have examined all available geologic and engineering data, and find no evidence of open faults or any other hydrologic connection between the proposed disposal zone and any underground sources of drinking water.

TARGA RESOURCES LLC Acid Gas Injection (AGI) Application

PART XIV

Targa Resources LLC is the surface owner of the land where the Monument AGI No.1 well will be drilled. Please see attached C-102. There is one residence within the one mile radius of review. It is located approximately 1100 feet southeast of the Monument AGI No.1 location (see Landmark map).

LIST OF OFFSET OPERATORS WITHIN ½ MILE RADIUS

Apache Corporation

6120 S Yale Ave Suite 1500 Tulsa, OK 74136-4224

XTO Energy

200 N Loraine Ste 800 Midland, Texas 79701

Chevron USA Inc.

15 Smith Road Midland, Texas 79705

PART XIV cont.

LIST OF OFFSET OPERATORS WITHIN A ONE MILE RADIUS THAT PENTRATE THE INJECTION INTERVAL.

Apache Corporation

6120 S Yale Ave Suite 1500 Tulsa, OK 74136-4224

Chevron USA Inc

15 Smith Road Midland, Texas 79705

TARGA RESOURCES LLC Acid Gas Injection (AGI) Application

Copy of newspaper advertisement.

LEGAL NOTICE

TARGA RESOURCES LLC, whose address is 8201 South Hwy 322 Monument, New Mexico 88265, proposes to drill a new well the purpose of disposing produced water and acid gas from its' gas plant operations in Monument, New Mexico. The well is the Monument AGI No.1 located 662'FSL & 2513'FEL, Section 36 – T19S – R36E, unit O, Lea County New Mexico. The injection interval will be in the Devonian/Fusselman formations at a depth of approximately 8350'-9200'. The average daily injection will be 3500 bbls/day, with a maximum rate at 5000 bbls/day, with 0 pressure.

Interested parties must file objections or request for hearing with the Oil Conservation Division, 1220 South St. Francis Dr., Santa Fe, New Mexico 87505, within 15 days.

Inquires regarding this application should be directed to Mr. Michael Pierce, PO Box 16555, Albuquerque New Mexico 87191-6555, (575) 392-1915 or (505) 948-0545.

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TARGA RESOURCES LLC Acid Gas Injection (AGI) Application

PROOF OF NOTIFICATION



TARGA RESOURCES LLC

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LIST OF WELLS IN AREA OF REVIEW

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1 MILE AREA OF REVIEW

WELLS THAT PENETRATE THE INJECTION INTERVAL

API NUMBER	WELL NAME	OPERATOR	SEC - T - RANGE	UNIT	FOOTAGE	TD	PERFORATIONS	POOL NAME	
30-025-12481	NMGSAU # 285	Apache Corp	36-19-36	F	1830FNL & 1980FWL	10305	3736-3930	Eunice Monument GB/SA	
30-025-20517	NMGSAU # 286	Apache Corp	36-19-36	G	1980FNL & 1830FEL	10306	NO PERFS	Eunice Monument GB/SA	
30-025-12473	St. F Gas Com # 5	Apache Corp	36-19-36	N	785FSL & 1980FWL	10225	3146-3330	Eumont-Yates SR-Queen	
30-025-12478	NMGSAU # 32	Apache Corp	36-19-36	P	660FSL & 660FEL	9822	3721-3885	TA'D Eun-Mon GB/SA	
30-025-05780	JR Phillips A # 8	Hess	31-19-37	м	660FSL & 942FWL	9899		P&A 4-1998	
30-025-23632	JR Phillips # 9	Arco Permian	31-19-37	M	800FSL & 880FWL	9650		P6A 1-2000	
30-025-04134	JR Phillips # 5	Abache Corp	1-20-36	A	660FNL & 660FEL	9941	6968-7685	Monument Abo	
30-025-04136	JR Phillips # 7	Apache Corp	1-20-38	н	1980FNL & 760FEL	10214	5606-5760	TA'D Monument Blinebry	
30-025-05964	JR Phillips # 11	Chevron USA	6-20-37	D	736FNL & 738FWL	9814	9490-9800	McKee-Ellenberger	
30-025-05926	L M Lambert # 2	Apache Corp	8-20-37	Ĝ	1980FNL & 1980FEL	9870	9832-9850	McKee-Ellenberger	
30-025-05936	Britt A # 7	Union Texas	6-20-37	ĸ	2310FSL & 1880FWL	10095		P8A 8-1978	

Side 1 INJECT	ION WELL DATA SH	EET		
OPERATOR: TALGA Resources LLC		·····		
WELL NAME & NUMBER:MMUMQUIT AGI	No. 1			
WELL LOCATION: 662' FSC & 2573' FEC FOOTAGE LOCATION	O UNIT LETTER	36 SECTION	195 TOWNSHIP	36 C RANGE
WELLBORE SCHEMATIC		<u>WELL CO</u> Surface (<u>DNSTRUCTION DAT</u> Casing	4
	Hole Size:		Casing Size:	3 ³ /8 ["]
6 1050'	Top of Cement:	JUNHACE Intermedia	Method Determined	d:
	Hole Size:	214"	Casing Size: 9	5/8 "
	Cemented with:	Surface sx.	orMethod Determined	ft ³ ft ³
		Production	n Casing	
	Hole Size:	6%	- Casing Size:	7"
B350'	Cemented with:	Surface	or	d: ft ³
	Total Depth:	<u>Injection</u>	Interval	
9200	-0788	- 9 200 fee (Perforated or Open H	t to OPEN-14 fole; indicate which)	ole

30-025-12481 3-2-2008 OPERATOR LEASE ECATION / B30 N + 1980W NMGSAU ZBS Section 36-19-36 Lera Co New Maxico EMICE Moument 65/SA 13% casing set at 1121 with 1125 sx of _____ Ce Hole size ____ " Circ Nerf 3736 - 3749 04 3749- 3930 95% " casing set at 3749 " with 60D sx of _____ cerre 3130 Hole size 12/4 . Toc @ 2580 w/ 50% efficiency 4050 Duill wt to 3930 PBTI) 175 5× plug @ 3700 - 4050 5655 20 5× plug @ 5255- 5700 6305 20 5× dug @ 6305 - 6350 20 5× plug (9755-9800 9755 180 5x plug @ 9900 - 10303 9900 Total Depth 10305 ' Hole size _____ 10353 PBTD 3930'

30-025-20517 OATE OPERATOR 3-1-2008 forcito Ciro LEASE WELL NO. 286 . MM65Ai 1980NJ 1830E Less County New Mexico Sect NMBSAU well No perforations TAD 10⁷/4" casing set at _1096' with _1050_ sx of _ ĊE 1450 · Circ Cart let @ 1450' + 4 5x cant Circ puf 1510' pump 400 5x5 Circ to Suchace 75/8 " casing set at 3750 with 600 sx of _ 3750 ceme TOC By Brud Log @ 1750 Hole size 5075 \mathcal{O} 3750 - 38% plug 35 5× 542 ē 5075-5105 phy SX 25 1 5752 5642 -6205 ø 25 6205 -6315 ø 25 6880 3770 -6710 .1 11 25 7865 7975 7865 c i ... 25 8290 0100 -6180 .. 25 21 9170 9068 -9068 11 25 9900 9790 -9790 25 11 21 10190 10080 -11 25 10080 Total Depth 10306 Hole size ____

PBTD 1450'

30-025- 12473 PACHG COMBLAHIA 2-14-208 Wit N F GAS Com 785 FSL + 1980 FWL Sec 36-7195-R36E lest County NM Active Eumant-YAtos-SR-Queen 13% casing set at 187 with 200 sx of Ces Hole size 17/2 " Circulated Perf 3146- 3330 CIBP @ 3420 + 25 5x cm+ PBTD 3400' 878 " casing set at 2400 with 1300 sx of _____ cem 3146 Hole size _ 11 " Toc by TS @ 1226' 3310 port 3579-3756 592 w/ 100 SX 3420 592 CSL CARE @ 4447-4478 w/ 100 SX CIBP @ 5640 + 25 5x cmt Part 5391-5711 392 w/ 125 5x 5640 forf 5620-5712 592 w/ 150 5x CIBP@ GBSO + 25 SX cmt 6650 Perf 6910-7201, 7562-7678 690 CI6P @ 7800' + 1 5x cmt 7629 7800 Ant 9034 - 9064 14 f 9834 - 9920 5920 w/ 100 SK 9834 9864 5/2 = casing set at 9978 with 800 sx of Total Depth 10225 Hole size 714 " TOC 64 TS @ 4480. Perf 4460 SQZ w/ 700 SX TOC by TS 2544' 10225' PBTD 3400'

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30-025- 23632 OFTRATOR DATE 1999 ALCO PERMIM LEASE WELL NO. LECATION Phillips A BOOFSL + 660 FWL M+1M Sec 31-7195-K37E les co NM PJA 1-2000 13 36°, 428, H-40, ST&C @ 569° Cast w/ 550 st. Circ cast Spot 15 5x5 @ Surface Parts @ 2416-2437 Sozd w/ 115 st Peel 5 1/2 @ 2710 & cast 5pot 25 SXS 610-510 to sustace of 600 sz cent Parts @ 2947-3445" Sqiid ar 322 st Spot 25 5x5 1125-1025 9 587, 32,30888, H-400J-55 @ 3645 Cast w/ 1500 st. Circ cmt Spot 255x 3645-3545 CIBP@ 5069 + 25 5x cmt Glorida Peris 5166-5123" & 5135-5138" 22 shots CIBP @ 5255 w/ 35° cml Peddock Parts 5238-5283* 17 shots C18P @ 5655 w 35° catt Closency. Peda 5666'-5894' 40 shots CIBP @ 5186 w 35° ant Toble Peds 6202-6291' 23 shots CIBP @ 6420 w/ 35' CRU **Dainteni** Perts 6426-6569" 41 shots DV tool @ 6514* CIBP @ 9435 w/ 35 cmt on top Parts 9442-9603* 5 1/2", 15.5/179, J-55/N-80, LT&C @ 9,650" Gant w/ 1440 st to 2720

30-025-04134 DATE 2-14-2008 OPERATOR PACHE CORPORATION LEASE 660' FNL + 660' FEL Phillips Ŕ. unit Sec 1- 7205 - R36E Len CO NM Active Monument ABO <u>/6</u> " casing set at <u>/69</u> ' with <u>300</u> sx of _____ cerre CIRCULATED Hole size 24 " // 7 casing set at 24/9 with 2050 sx of Total Depth 2419 Hole size 15 " CINCULATED 502 (SG LAK @ 5159-5191 W/ 100 SX 7/98 $8^{5/8}$ " casing set at <u>5/2/</u>" with <u>/200</u> sx of _____ ceme Hole size /05/8 " TOC by TS @ 2048' 5215-5218 J 567 - 150 5x pert 5180-5200 2212-2000 5 265 m/ 20 2x مم 5215 - 5200 565 ~/ 20 5× 2 ሥ 5260-5715 5g2 w/ 755X 7010-310 5g2 w/ 985x part part 7070-7110 7110-7164 3 5gz y 125 5x pert ,6968 7190- 7230 pro 3 st 2 w/ 135 Sx 7645-7665 perf 11685 7665 - 7690 port 7785 6968 - 7685 brt CIBP@ 7785 Dert 9610 - 9870 5/2 " casing set at 994/ " with 1500 sx of _____ cer Total Depth 9941 " Hole size 714 " Toc by CALC @ 4313 w/ 50% Effici PBTD 7785

30-025-04/36 OPERATOR ARHO CORPORATION 3-8-2008 Phillips MitH EASE ABON & 760E K. 1-20-36 Sectin. Co New Mexico lest THO Monument blinebay 5-2107 13% casing set at <u>997</u> with <u>750</u> sx of _____ ce · Circ Hole size (SG lank @ 5147-5266 592 -4 50 5x5 6º% " casing set at SZ34" with /SVD sx of _____ Cŧ Hole size _11 " TOC By TS & A40' nef 5770 - 5743 SPE of 100 SK ney 5765-5210 Syz 4 50 5x 12 5160- 5210 592 4 50 5x CIBP@ 5590+ 25x5 Cmf 5606 ruf 5606 - 5760 -5760 CIBP E 6275+ 25x self ref 6288 - 6459 6268 - 6459 CIBP @ 6700 + 25x cmt 6912 perf 6912 - 7095 7015 7410 pup 7490 - 7530 CIBA @ 9770 + 28XS Cut 7570 9770 " casing set at 10004 ' with 1240 sx of _____ Total Depth 10214 Hole size 7 1/4 TOC @ 5502 w/ 50% efficiency 10214 PBTU 5590

30-025-05926 3-1-200B OPERATOR MACAE Loro WELL MA LEASE CM (Ambei 1980 N + 1980E Section 6-20-37 Lest Co New Mexico Active Monument Make Ellenberger 12/2 " casing set at 202 " with 145 sx of _____ cent Hole size ____ Circ. <u>8%</u> casing set at <u>2402</u> with <u>750</u> sx of _____ cent Hole size 1014 " TOC @ 50% - 490' 3797 70 6⁵/8 " casing set at <u>3016</u> " with <u>125</u> sx of <u>center</u> Hole size <u>7%</u> " 70C C SUZ- 3045' parf 3703 - 3713 Graphing 592 mg 11-1980 150 5x re per 9032 - 9850 Ruf 9568-9786 592 wy 150 sx 11-1980 CIBP @ 9812 DO 11-1900 put 9832-9850 41/2 " Gasing set at _ 9867 - 3797 sx of 330 cement 9832 Total Depth <u>9870</u> ' Hole size " TOC by TS @ 5750' SQZ TOL 年9850 w/ 350 5XS 9870

30-025-05936 OPERATO 3-7-2008 VAION TEXAS LEASE Britt A 23105 + 1880 W Section 6-20-37 Leve Co New Mexico P+A 8-1978 10 SXS @ 0-100 25 5X5 @ 1100 - B50 or 13% casing set at <u>997</u> with <u>BOD</u> sx of _____ CÊ · Circ Hole size 2000 - 1750 25 5× plug e 2000 - 1750 25 5× plug e 4750 - 4500 170 2100 592 4870-4900 w/ 10 5x 4so Mul 4900 582 up 1020 5x to surface 51/2 - 95/0 minutus 4750 95/8 " casing set at <u>5266</u>" with <u>2550</u> sx of _____ cer 5,49 Hole size 12/2. TUC @ 782 w/ 50 % efficien Cant let @ 5109 + 50' an top of let prof 5167-5244 582 mg 50 5x 35 5× plug @ 6591 Tay @ 6287 50 9× plug 63+0-6640 Tay 06591 6287 (SG last 6030-60 SPZ w/ 100 SK CSG last @ 8176 592 w/ 100 SK 6591 ABTO 9650 9650 Sport 100' plug on Model & Preke @ 9750 pif 9793- 9826 5/2 " casing set at 10091 with 625 sx of _____ CI Total Depth 10095 Hole size 7% TOC @ 7891 W/ 50% efficiency

30-025- 12473 DATE 2-14-208 APACHE COMBLA-Him 785 FSL + 1980 FWL Wit N Sec 36-7195-R36E Ate F GAS COM ر عمع Cart County NM Active Eumant-YAtos-SR-Queen 13% casing set at 187 with 200 sx of cest Hole size 171/2 Circulated Perf 3146- 3330 CIBP @ 3420 + 25 5x cm+ PBTD 3400' 85/8 " casing set at 2400 with 1300 sx of _____ Cer 346 Hole size 11 " TOC by TS @ 1226" 330 Hole size 3579-3756 SQZ w/ 100 SX 420 port 3579-3756 SQZ w/ 100 SX 592 CSL LEAR @ 4447-4478 w/ 100 SX 3420 CIBP @ 5640 + 25 5x cmt. Part 5291-5711 592 0/ 125 SX 5640 Part 5620-5712 592 w/ 150 5x CIBP @ 6BSD + 25 SX cmt Perf 6910-7201, 7562-7678 6850 CI6P @ 7800' + 1 Sx cmt 69/0 7628 pat 9034 - 9064 pnf 9834 - 9920 5920 w/ 100 SK 7800 9834 5/2 = casing set at <u>9978</u> with <u>800</u> sx of _____ CE 9864 Total Depth 10225 Hole size 73/4 "TOC by TS @ 4480. Pert 4460 592 4 700 5x TOC by TS 2544' PBTD 3400' 10225'

30-025-05964 2-14-200B OPERATO Cheven USA Inc же<u>т</u>т на LEASE J.R. Phillips LOCATION 736 FAL + 739 Fa wit D Sec 6-T205-K37E Active Monumbert Mike Len CO NM Ellerburg. 13% casing set at 1050 ' with 1000 sx of ____ Total Depth _/050 " Hole size _ 17 1/2 " Circulated Cž 95/8" casing set at 5064" with 4000 sx of ____ ____ Ce 3640' 1st stage of Stosk Hole size _ /2//4 * Dr Q 2nd Stage of 3 500 SK ant circulated 9490 perf 9490 - 9800 perf 9532 - 9738 5/h casing set at <u>9814</u> with <u>1400</u> sx of _____ ce Total Depth <u>9314</u> Hole size $7\frac{7}{8}$ AV @ 7490 1st Stage 750 5x circ 2nd Stage 650 st Toc 75 @ 4590

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30-025-(2478 APACHE Corporation -14-200 Inches in Et L Ann 660 FSL NMGSAU BIK 14 660' UNIT FE SAC 36-T195-K36E TA'S Well 4-2001 Monument 6B/5A Spot 50 3x 3315 - 3007 13% casing set at 302' with 300 sx of Total Depth 302 " Hole size 171/2 " CIrculater 4-2001 set CIBP @ 3650'+ 14' cmt 592 CSG LeAL @ 3488-3519 w/ 50 5x Perfs 3721- 3005 3007 CIBP @ 4500'+355x cmt; 3315 ٩% _" casing set at <u>2787_</u>" with <u>1300</u> sx of _____ Toc by TS Q Hole size 12/4 -1205 3600 = 372/ = 3885 perf 7" @ 4574 w/ 4 shots, cmt w/ 365 SXS. TOC by TS @ 2380' perf 5710 - 5745 4500 5q=0 w/ 50 5x pert 7160 - 7277 5 x 001 / ~ ~ x perf 1590 - 7670 **న్గ్రైలం** 3 Š. Sx CS6 LEAK @ 6308 - 6868 5920 w/ 186 SK 100' 100' plug @ 6801-6901 plug e 5065-5165 1175 <u>2</u> " casing set at <u>9785</u>' with <u>500</u> sx of С Total Depth <u>9822</u> Hole size 888 Toc by TS 4630 CIBP @ 9475 + 35 5x cmt. perf 9501-31 perf 9752-54 9785 - 9822' θH 9822 PBTD 3007

30-025-05780 04TE 2-14-2108 (Arco) 4ess etti na B 660'FSL + 942'FUL LEASE J. L. Phillips Unit M 31-T195-137E ALA: 4-98 Sec Lea Co NM Spot 10 SK @ BI-0 880 137/3 set @ 981 w/ 900 SK 171/2" hole size Circulated Spot 25 5x0 @ 1083 - 880 2087 Spot 25 Stes @ 2300 - 2097 Spot 25 5x5 @ 3645-3442 580T 25 5x5 @ 5100-4897 95% " casing set at 2950 ' with 1500 sx of _____ center 34VZ Circulateo Hole size _ /2 /4 " 4897 CSG Lark Q 5778-6111 592 w/ 750 5× Neshe of SO SK 35 5× plug @ 5742- 6110 35 5× phy @ 7652-8020 CIBP @ 9475 + 25' cm + 9528 May 9528- 9614 9614 5/2 " casing set at <u>9999</u>" with <u>972</u> sx of ______ Cent Total Depth _ 9899 Hole size _ 874 " AV @ 5808 1st 6280 ° STO SK TOC Ou tool failed perf 51/2@ Sud 472 SK TOL 300' 9818-20 5gz w/ 500 sx By TS toc 6280' By TS

30-025- 12473 2-14-208 PACHE COMPARTION Mit N 785 FSL + 1980 FWL LEASE tate F GAS Com Sec 36-7195-R36E Cart County NM Active Eumant-YAtos-SR-Queen 13% casing set at 187 with 200 sx of ____ Hole size 17/2 Circulated Perf 3146- 3330 CIBP @ 3420 + 25 5x cmt PBTD 3400' 85/8 " casing set at 2400 with 1300 sx of _____ cem Hole size 11 = TOC by TS @ 1226" port 3579-3756 592 w/ 100 SX 314 - 3330 592 CSL LAAK @ 4447-4478 w/ 100 SX 3420 CIBPE 5640 + 25 5x cmt Part 5291 - 5711 592 w/ 125 5x 5640 forf 5620-5712 592 w/ 150 5x CIBP@ 6850 + 25 5x cmt Perf 6910-7201, 7562-7678 66570 6910 CI6P @ 7800' + 1 5x cmt 7629 Mt 9034 - 9064 7800 Inf 9834 - 9920 5920 w/ 100 SX 9834 9864 5/2 " casing set at <u>9978</u>' with <u>800</u> sx of _____ Total Depth 10225 Hole size 73/4 " TOC by TS @ 4480. Perf 4460 592 w/ 700 5x TOC by TS 2544' 10225' PBTD 3400'

Supplemental Information for Section VIII: Porosity and Volume Calculations

Gallons per Barrel	42.00
Gallons per Cubic Feet	7.48
Cubic Feet per Barrel	5.61
Low Barrels per Day	3500
High Barrels per Day	5000
Low Cubic Feet per Day	623.886
High Cubic Feet per Day	891.266
Acre-Foot (sq.ft.)	43560.00
Net Porosity Feet	18
Available Volume per Acre	784080
Low Rate Days per Acre	1256.77
High Rate Days per Acre	879.74
Low Rate Years per Acre	3.44
High Rate Years per Acre	2.41
Low Rate Acres per Year	0.291
High Rate Acres per Year	0.415
Low Rate - Acres for 30 Years	8.73
High Rate - Acres for 30 Years	12.45
Low Rate – Acres at 100% Safety Factor	17.46
High Rate – Acres at 100% Safety Factor	24.90
Radius (feet) at Low Rate	347.92
Radius (feet) at High Rate	415.48
100% Safety factor – Radius (feet) at Low Rate	492.03
100% Safety factor – Radius (feet) at High Rate	587 58

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TARGA RESOURCES LLC

Calculated Area of Injection for the Monument AGI No. 1 Well	
30 Year Low rate (3500 barrels per day) Injection Radius	347.92'
30 Year High rate (5000 barrels per day) Injection Radius	415.48'
30 Year Low rate (3500 barrels per day) Injection Radius 100% Safety Factor	492.03'
30 Year High rate (5000 barrels per day) Injection Radius 100% Safety Factor	587.58'
DISTRICT I 1925 H. Franch Br., Bobbs, 107 98249 DISTRICT II 1281 V. Grand Avenue, Arimia, 201 98210

.

> DISTRICT III 1900 Bio Brazos Ed., Antec. NDI 67419

> DISTRICT IV 1220 S. D. Pressels Dr., Santa Pa, Rd 87605

State of New Mexico Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION 1220 South St. Francis Dr. Santa Fe, New Mexico 87505 Form C-102 Revised October 12, 2005

hmit to Appropriate District Office State Lease — 4 Copies Yos Lease — 3 Copies

C AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number				Fool Code				Pool Name					
Property Code					C	Proper		Well Number					
OGBID No.			. <u> </u>							Elevation 3571'			
Surface Location													
UL or lot No.	Section	Township	Range	je Lot Ida		Feet from the		North/South line	Fost from the	East/Vest line	County		
0	36	36 19 S 36 E				662		SOUTH	2513	EAST	LEA		
Bottom Hole Location If Different From Surface													
UL or lot No.	Section	Township	Range	Lot 1	Idn	Feet from	a the	North/South line	Feet from the	Rast/West line	County		
Dedicated Actes	Joint		Consolidation	Code	Orde	r No.							
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STATE OF NEW MEXICO ENERGY, MINERALS, AND NATURAL RESOURCES DEPARTMENT OIL CONSERVATION DIVISION

IN THE MATTER OF THE HEARING CALLED BY THE OIL CONSERVATION DIVISION FOR THE PURPOSE OF CONSIDERING:

CASE NO. 14161 ORDER NO. R-13052

APPLICATION OF TARGA MIDSTREAM SERVICES, LIMITED PARTNERSHIP, FOR APPROVAL OF AN ACID GAS INJECTION WELL, LEA COUNTY, NEW MEXICO

ORDER OF THE DIVISION

BY THE DIVISION:

This case came on for hearing at 8:15 a.m. on August 7, 2008, at Santa Fe, New Mexico, before Examiner William V. Jones, and again on September 18, 2008, before Examiners Richard Ezeanyim and David K. Brooks.

NOW, on this 18th day of November, 2008, the Division Director, having considered the testimony, the record, and the recommendations of the Examiners,

FINDS THAT:

(1) Due public notice has been given, and the Division has jurisdiction of this case and its subject matter.

(2) The applicant, Targa Midstream Services Limited Partnership ("Targa"), seeks authority to inject waste water and acid gas (hydrogen sulfide and carbon dioxide) into the Devonian and Fusselman formations through an open hole from approximately 8350 feet to 9200 feet below the surface, through its proposed Monument AGI Well No. 1 which it proposes to drill at a location 662 feet from the South line and 2513 feet from the East line (Unit O) of Section 36, Township 19 South, Range 36 East, NMPM, Lea County, New Mexico.

(3) The proposed Acid Gas injection well will replace the Graham State NCT-F Well No. 7 (API No. 30-025-12482) for disposal of plant waste waters. The Graham State NCT-F Well No. 7 is located 330 feet from the South line and 1650 feet from the East line of Section 36 and was approved June 3, 1994, as a saltwater disposal well into the San Andres formation under administrative orders SWD-561 and SWD-561-A. Case No. 14161 Order No. R-13052 Page 2 of 7

(4) Targa Resources LLC filed its application (Division Form C-108) on June 6, 2008. No protests were received from the noticed parties, but the application was reviewed and comments from the engineering bureau were supplied to the applicant. At the direction of the Director of the Division, the application was set for hearing before a Division Examiner pursuant to the provisions of Division Rule 701.D. The case presented to the examiner is identical to that reviewed earlier in that the proposed well location and injection depths are the same.

(5) This case was heard on August 7, 2008, then continued and re-advertised. On September 18, 2008, the case was again presented to the Division, at which time the applicant included proof of notice and additional exhibits.

(6) Momentum Operating Co. Inc. appeared at the August 7 hearing through counsel and questioned witnesses from Targa. Momentum's counsel indicated that Momentum was not supporting or objecting to Targa's application.

(7) No other parties entered appearances in this case or otherwise opposed this application.

(8) Targa presented the following testimony from a geologist and plant engineer:

(a) The CO2 and H2S concentration in Targa's inlet gas stream has been increasing in recent years. The Sulfur Recovery Unit is now operating at capacity, and the proposed injection well is needed in order to largely replace operation from the SRU and to enable the plant to handle additional gas volumes.

(b) The proposed well would be located on plant property, on the east side between the plant and the existing Flare. The surface owner of the well site is Versado Gas Processors LLC.

(c) Notice of this application and of this hearing was presented by the applicant to all affected parties as per Division Rule 701.B(2) with the modification that notice was expanded and provided to parties within a 1 mile radius and all surface owners and residences within 1 mile. Only one notice was returned un-opened. The applicant also posted notice in the Hobbs newspaper.

(d) The purpose of the injection is to dispose of all gas processing wastes from Targa Resources LLP's Monument Gas Plant, including waste water, CO2, and H2S. The CO2 and H2S will be compressed and then mixed with waste water prior to injection into the proposed well. The total gas volumes are expected to range from 2.7 MMscfpd (21 percent H2S, 69 percent CO2) to 3.4 MMscfpd (28 percent H2S, 62 percent CO2).

(e) There will be safety back flow valves placed in the flowline after the compressor and in the injection tubing below the wellhead. All casing strings Case No. 14161 Order No. R-13052 Page 3 of 7

will be circulated with cement. The 3-1/2 inch injection tubing will be plastic coated, and the tubing-casing annulus will be kept loaded with diesel and monitored. The compressed gas and water mixture is expected to stay in liquid phase if it remains over 1150 psi, and therefore be less corrosive. Targa is asking for 1,660 psi maximum surface injection pressure.

(f) There is no production from the Devonian formation within 2 miles of the proposed well. The proposed well is on the southwest flank of an enclosed Devonian structure trending from northwest to southeast. The Devonian has been drill stem tested many times in this structure and never considered to be productive. The Devonian formation is expected to have adequate porosity and very good permeability and should take injected fluids for many years without the need for additional wellhead pressure.

(g) There are shallower Permian aged productive oil bearing horizons in this area and deeper Ordovician aged reservoirs that have also been productive. The Monument; McKee-Ellenburger (Prorated Gas) Pool (81400) covers all of Section 36 and Section 1 directly to the south and also all of Sections 5 and 6 to the southeast. However, there are at this time only two wells with active McKee and/or Ellenburger completions, and these are located in Section 6 to the southeast. The McKee formation is about 1200 feet deeper than the Devonian formation and is above the Ellenburger formation.

(h) There are three (3) plugged wells and eight (8) active wells that penetrate the proposed injection interval in the 1 mile area of review ("AOR"). Wellbore diagrams of all 11 wells were presented as part of the form C-108 with this case.

(9) There are no water wells which yield drinkable water in this vicinity, and the submitted water analysis indicates that shallow ground waters have total dissolved solids above the protectable limit. Nonetheless, the construction and operation of this well will prevent exposure of any existing shallow groundwater to these injection fluids.

(10) Prior to injection, the applicant should supply the Division with a more detailed "full-suite" analysis (methods 8260, 8270, 6010, 6020, and GenChem) of the liquid plant wastes being currently injected into the Graham State NCT-F Well No. 7 (API No. 30-025-12482).

(11) The applicant prepared and submitted an adequate form C-108 and included wellbore diagrams on all wells within the AOR. There are no apparent faults which penetrate the Devonian formation in the AOR and could possibly transport injected waters out of the injection interval. However, there is one well with inadequate existing cement plugs to ensure injected fluids are confined to the injection interval. The NMGSAU Well No. 285 (API No. 30-025-12481) operated by Apache Corporation has been plugged back from the original 10,303 feet total depth and is currently producing from the Eunice Monument; Grayburg-San Andres Pool. Prior to commencement of the

Case No. 14161 Order No. R-13052 Page 4 of 7

proposed acid gas injection, this well should be re-entered to 9,755 feet and re-plugged back to the base of the San Andres by placing additional cement plugs below and above the equivalent Devonian/Fusselman injection interval.

(12) The proposed well should have gauges installed to record pressures on the tubing and on the annulus. A continuous record should be maintained by the operator of these wellhead pressures and of injection rates and volumes of all components entering the well. With open hole injection beginning at 8,350 feet, the requested 1,660 psi injection pressure should not fracture the Devonian formation. Mechanical Integrity Testing of this well should be required every two years.

(13) The Division should allow the operator to apply administratively, after proper notice, for amendments to this order; except for amendments changing the depth of the injection interval or the injection formation.

(14) The Division concludes that Targa's proposed injection well should be approved, and the proposed injection operation can be conducted in a safe and responsible manner, without causing waste, impairing correlative rights or endangering fresh water, public health or the environment.

(15) The proposed operation is an environmentally superior means of disposing of wastes generated at the Monument Gas Plant because it will provide for the sequestration of the greenhouse gases: hydrogen sulfide and carbon dioxide.

IT IS THEREFORE ORDERED THAT:

(1) Targa Midstream Services Limited Partnership ("Targa" or "operator") is hereby authorized to inject for disposal purposes, gas processing wastes sourced <u>only</u> from its Monument Gas Plant, including waste water, hydrogen sulfide, and carbon dioxide, into its proposed Monument AGI Well No. 1 which will be drilled 662 feet from the South line and 2513 feet from the East line (Unit O) of Section 36, Township 19 South, Range 36 East, NMPM, in Lea County, New Mexico. Injection is permitted into the Devonian and Fusselman formations through an open hole interval from approximately 8350 feet to 9200 feet below the surface, through 3-1/2 inch plastic coated tubing set in a packer located within 100 feet of the top injection perforation.

(2) Prior to any injection, the NMGSAU Well No. 285 (API No. 30-025-12481) operated by Apache Corporation, shall be re-entered to 9755 feet and re-plugged back to the Grayburg-San Andres producing interval with placement of new cement plugs above and below the equivalent Devonian/Fusselman injection interval. Operations on this well shall be supervised by the Division's Hobbs district office and exact placement of the new cement plugs shall be determined after consultation with the Hobbs district geologist. <u>Targa shall notify the engineering bureau of the Division in Santa Fe of</u> <u>completion of this work and receive written confirmation from the bureau prior to</u> <u>commencing injection into the Monument AGI Well No. 1.</u> Case No. 14161 Order No. R-13052 Page 5 of 7

(3) The applicant shall supply the Division with a detailed "full-suite" analysis of the liquid plant wastes being currently injected into the Graham State NCT-F Well No. 7 (API No. 30-025-12482).

(4) Targa shall obtain a permit to drill the Monument AGI Well No. 1 from the Hobbs district office. During drilling operations of the Monument AGI Well No. 1, Targa shall monitor the well for hydrocarbon shows, lost circulation zones, and water flows, and shall report any of these events to the Hobbs district office on (C-103) sundry forms.

(5) The well shall be drilled, cased, and cemented using information gathered during drilling and according to the requirements of the Hobbs district office. The design shall effectively isolate the injection fluid into the intended injection formation, isolate the Permian aged oil and gas producing intervals and the Salado salt with casing and cement, and cover all potential shallow ground water sands with two casing strings and at least one cement sheath. A cement bond log shall be run from total depth to the surface on any casing which did not circulate cement and also after cementing the final casing, even if cement did visually circulate.

(6) The tubing and packer shall be coated with material such as fiberglass or nickel, rated to protect against corrosion due to a mixture of water, carbon dioxide, and hydrogen sulfide or as required by the Hobbs district office. The tubing shall be equipped with a one-way, subsurface automatic safety valve placed 200 to 300 feet below the surface to prevent the injected acid gas from migrating to the surface in the event of an upset or emergency. A back pressure choke or other approved device shall be used to maintain pressure on the injection mixture and keep the mixture in a liquid phase. The well shall have gauges and valves installed to continuously record and control pressures on the tubing and on the tubing-casing annulus.

(7) The casing-tubing annulus shall be loaded with an inert, corrosion resistant fluid such as diesel or inhibited water [or as specified by the Hobbs district office] and equipped with a gauge and a leak detection device capable of determining any leakage in the casing, tubing, or packer.

(8) The operator shall notify the Hobbs district office of the time of the setting of the tubing and packer and of any mechanical integrity test so such operations can be witnessed or inspected.

(9) Mechanical integrity testing is required after installation of the injection tubing and prior to commencing injection operations, and at least once every two years thereafter.

(10) The surface injection pressure shall be limited to no more than 1,660 psi. The Director may administratively authorize an increase in this maximum surface injection pressure if the operator shows that a higher pressure will not result in formation fracturing or migration of injected fluids from the permitted injection formation. As

Case No. 14161 Order No. R-13052 Page 6 of 7

justification, the operator must submit results of an injection test such as a Step-Rate-Test to the Division and must provide notice thereof to affected persons, including offset operators in the overlying Permian aged formations.

(11) The operator of the well shall take all steps necessary to insure that injected fluids enter the proposed injection interval and do not escape to other formations or onto the surface.

(12) Without limitation on the duties of the operator as provided in Division Rules 19 and 116, or otherwise; the operator shall immediately notify the Hobbs district office of any failure of the tubing, casing or packer in the well, or of any leakage or release of water, oil or gas from around any produced or plugged and abandoned well in the area, and shall take such measures as may be timely and necessary to correct such failure or leakage.

(13) Prior to commencing injection of acid gas, the operator shall prepare and secure approval by the Division's Environmental Bureau in the Santa Fe office of a hydrogen sulfide contingency plan that complies with Division Rule 118.

(14) The operator may commence injection of produced water prior to injection of acid gas and may inject either or both fluids pursuant to the limitations of this order, depending on operational considerations. The operator shall submit monthly reports of injection volumes of waste water and acid gas on Form C-115, in accordance with Division Rules 706 and 1115.

(15) The injection authority herein granted shall terminate one year after the effective date of this order if the operator has not commenced injection operations pursuant hereto; provided however, the Division Director, upon written request of the operator received by the Division prior to the end of the one year period of non-injection, may extend this time for good cause.

(16) Compliance with this order does not relieve the operator of the obligation to comply with other applicable federal, state or local laws or rules, or to exercise due care for the protection of fresh water, public health and safety and the environment.

(17) At the discretion of the Division Director and after proper notice is provided, any proposed amendments or changes to this order may be granted administratively; provided however, proposed amendments to raise the depth of the injection interval or change the target injection formation may be granted only after notice and hearing.

(18) Jurisdiction is retained by the Division for the entry of further orders as may be necessary for the prevention of waste and/or protection of correlative rights or upon failure of the operator to conduct operations (i) to protect fresh water or (ii) consistent with the requirements in this order, whereupon the Division may, after notice Case No. 14161 Order No. R-13052 Page 7 of 7

and hearing (or without notice and hearing in event of an emergency, subject to NMSA 1978, Section 70-2-23), terminate the injection authority granted herein.

. . . .

DONE at Santa Fe, New Mexico, on the day and year hereinabove designated.



STATE OF NEW MEXICO OIL CONSERVATION DIVISION

MARK E. FESMIRE, P.E. DIRECTOR

SEAL

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State of New Mexico Energy, Minerals and Natural Resources Department

Susana Martinez Governor

John Bemis Cabinet Secretary

Brett F. Woods, Ph.D. Deputy Cabinet Secretary Jami Bailey Division Director Oil Conservation Division



Administrative Order IPI-416 June 14, 2012

Alberto Gutierrez, RG (Agent) Targa Midstream Services, LP 1000 Louisiana, Suite 4300 Houston, TX 77002

RE: Injection Pressure Increase

Monument AGI Well No. 1, API 30-025-40002 Unit Letter O, Section 36, T19 South, R36 East, NMPM Lea County, New Mexico

Dear Mr. Gutierrez:

Reference is made to your request on behalf of Targa Midstream Services, LP (OGRID 24650) received by the Division on June 14, 2012 to increase the maximum allowed surface tubing pressure on the above named well.

This well was permitted by the Division for Acid Gas disposal (Water, CO2, and/or H2S) by Division Order No. R-13052 approved 18 November 2008 and last reviewed by the Commission Order No. R-13052-A on 17 November 2011. Disposal is into an open-hole interval of the Devonian and Fusselman formations from 8350 feet to 9200 feet and limited to a maximum surface pressure (for any permitted fluid) of 1660 psi.

It is our understanding that this well will not take a sufficient volume of fluid at this pressure limit and a higher pressure limit is needed. It is also understood that an increase will not result in the fracturing of the formation and confining strata.

Based on a step rate test for this well run on 8 June 2012, we feel it does support the requested new maximum tubing pressure limit. Any future requested pressure increase will require resubmission of additional data and a new step-rate test.

You are hereby authorized a maximum surface tubing pressure of 3,000 psi while disposing of any fluid or fluid combination permitted by the applicable Division and Commission Orders.

This approval is based on a provision that the tubing size, packer setting depth and completion interval do not change. The Division Director retains the right to require at any time verification of completion and packer setting depths in this well. You are prohibited from disposing into this well at pressures that would induce fracturing.

Targa Midstream Services, LP June 14, 2012 Page 2

This approval is subject to your being in compliance with all other Division rules, including but not limited to Division Rule 19.15.5.9 NMAC.

The Division Director may rescind this injection pressure increase if it becomes apparent that the injected fluid is not being confined to the permitted disposal interval or is endangering any fresh water aquifers.

Sincerely,

JAMI BAILEY Director

JB/wvjj

cc: Oil Conservation Division – Hobbs File: Case No. 14161

APPENDIX C

Copies of Notice Letters, Documentation, and Affidavit of Publication of Newspaper Notice

Alberto A. Gutiérrez, C.P.G.



October 19, 2016

Apache Corporation 303 Veterans Airpark Lane, Ste. 3000 Houston, TX 79705

VIA CERTIFIED MAIL RETURN RECEIPT REQUESTED

RE: Targa Midstream Services LLC Application for Administrative Approval to Replace Targa Monument AGI #1

TARGA MIDSTREAM SERVICES LLC, whose address is 1000 Louisiana, Suite 4300, Houston, TX 77022-5036, proposes to drill a replacement well to replace the previously permitted well (Monument AGI #1, API # 30032540002) used to dispose acid gases from its natural gas plant operations in Monument, New Mexico. This replacement well will be the Monument AGI #1R, located approximately 770 FSL and 2268 FEL of Section 36, T19S, R36E in Lea County, New Mexico. While the design of the proposed replacement well is upgraded from the previously-approved well, all other parameters such as the injection zone, depths, pressure and rates remain the same for this proposed well as are currently approved under NMOCD Order R-13052. The injection interval will be in the Devonian/Fusselman formations at a depth of approximately 8,350 to 9,200 feet. The average injection rate will be approximately 2.5 million standard cubic feet per day of acid gases, at a maximum surface pressure of 3,000 psig. Interested parties must file objections with the New Mexico Oil Conservation Division, 1220 South St. Francis Dr., Santa Fc, New Mexico 87505, within 15 days.

Inquiries regarding this application should be directed to Mr. Alberto A. Gutierrez or Mr. James C. Hunter at Geolex Inc, 500 Marquette Ave. NW, Albuquerque New Mexico 87102, (505)-842-8000.

Sincerely, Geolex, Inc.

Alberta A. Cutterriz, C.P.G. President Consultant to Targa Midstream Services LLC

Enclosure: Application for Administrative Approval to Replace Targa Monument AGI #1

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Alberto A. Gutiérrez, C.P.G.

GEOLEX[®]

October 19, 2016

Chevron USA, Inc. 1400 Smith St. Houston, Texas 77022

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Alberto A. Gutierrez, C.P.G. President Consultant to Targa Midstrcam Services LLC

Enclosure: Application for Administrative Approval to Replace Targa Monument AGI #1

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Alberto A. Gutiérrez, C.P.G.



GEOLEX[®]

October 19, 2016

XTO Energy, Inc. P.O. Box 6501 Englewood, Colorado 80155

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Geolex, had

Alberto A. Gutierrez, C.P.G. President Consultant to Targa Midstream Services LLC

Enclosure: Application for Administrative Approval to Replace Targa Monument AGI #1

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Affidavit of Publication

STATE OF NEW MEXICO COUNTY OF LEA

I, Daniel Russell, Publisher of the Hobbs News-Sun, a newspaper published at Hobbs, New Mexico, solemnly swear that the clipping attached hereto was published in the regular and entire issue of said newspaper, and not a supplement thereof for a period of 1 issue(s).

> Beginning with the issue dated October 19, 2016 and ending with the issue dated October 19, 2016.

Publisher

Sworn and subscribed to before me this 19th day of October 2016.

Business Manager

My commission excires Sanuary 29, 2019 (Seal) OFFICIAL SEAL GUSSIE BLACK Notary Public State of New Mexico My Coramission Expires <u>1 - 2 9 - 19</u>

This newspaper is dury qualified to publish legal notices or advertisements within the meaning of Section 3, Chapter 167, Laws of 1937 and payment of fees for said

LEGAL NOTICE October 19, 2016 TARGA MIDSTREAM SERVICES LLC, whose address is 1000 Louisiana, Suite 4300, Houston, TX 77022-5036, proposes to 77022-5036, proposes to drill a replacement well to replace the, previously permitted well (Monument AGI #1, API # 30032540002) used to dispose acid gases. from its natural gas plant operations in Monument. New Mexico This replacement well will be the Monument AGI #18, located approximately 1,000' FSL and 2,500' FEL of Section 36, T19S, R36E in Lea County, New Mexico. While the design of the proposed " replacement well; is, upgraded from the previously-approved well, all other parameters such as the injection zone, depths, pressure and rates remain pressure and rates remain the same for this proposed well as are currently approved under NMOCD Order R-13052. The injection interval will be in the Devonian/Fusselman formations at a depth of approvident of approximately 8,350 to 9,200 feet. The average injection rate will be approximately 2.5 million standard cubic feet per day of acid gases, at a maximum surface pressure of 3,000 psig. Interested parties must + file objections with the New Mexico Oil Conservation Division, 1220 South St. Francis Dr., Santa Fe, New Mexico 87505, within 15đays.

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Inquiries regarding this application should be directed to Mr. Alberto A. Gutierrez or Mr. James C. Hunter at Geolex Inc, 500 Marquette Ave. NW Albuquerque New Mexico 87102, (505)-842-8000 #31295

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ALBERTO A. GUTIERREZ GEOLEX, INC. 500 MARQUETTE AVE. NW, SUITE 1350 ALBUQUERQUE, NM 87102