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WRITER:

Gary W. Larson, Partner glarson@hinklelawfirm.com

December 20, 2010

<u>VIA HAND DELIVERY</u>

Florene Davidson Oil Conservation Division 1220 S. St. Francis Drive Santa Fe, NM 87505

Case 14601

Re: Application of Agave Energy Company

Dear Florene:

Enclosed for filing please find the following:

- 1. The original and one (1) copy of an application by Agave Energy Company for authorization to inject;
- 2. The original and one (1) copy of Agave Energy's H2S Contingency Plan (the contingency plan also is included in the application as Appendix E); and
- 3. A CD with pdf copies of the application and contingency plan.

I request that the application be set for hearing on the January 20, 2011 Examiner Docket.

Thank you for your attention to this matter. All the best for the holidays.

Sincerely, anson/ Garv W. Larson

GWL:js Encls.

> PO BOX IO ROSWELL, NEW MEXICO 88202 (575) 622-6510 FAX (575) 623-9332

PO BOX 3580 MIDLAND, TEXAS 79702 (432) 683-4691 FAX (432) 683-6518 PO BOX 2068 SANTA FE, NEW MEXICO 87504 (505) 982-4554 FAX (505) 982-8623





C-108 Application for Authorization to Inject via Metropolis Disposal #1 (API 3001531950) Agave Energy Dagger Draw Gas Plant Eddy County, New Mexico



December 20, 2010

Prepared For: Agave Energy Company 105 S. Fourth Street Artesia, NM 88210

Submitted To: New Mexico Oil Conservation Division 1220 South St. Francis Drive Santa Fe, New Mexico 87505

Prepared By: Geolex, Inc. 500 Marquette Ave. NW, Suite 1350 Albuquerque, NM 87102 Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, New Mexico 87505

APPLICATION FOR AUTHORIZATION TO INJECT

1. PURPOSE: Request for authorization to inject acid gas into the existing Acid Gas Injection (AGI) well (API# 3001531950). Prior authorization to inject was granted in Administrative Order SWD-936 and was automatically terminated due to a 12-month lack of injection into the well. Agave seeks renewal of that authorization to inject with some modifications.

II. OPERATOR:

Agave Energy Company 105 S. Fourth Street Artesia, NM 88210

Contact Party: Alberto A. Gutiérrez, CPG – Geolex, Inc. Office 505-842-8000

III. WELL DATA:

Available information on registered wells within 2 miles of the existing AGI well (API# 3001531950) is included in Section 5.0 and Appendices B and C. A schematic of existing design and well components and proposed modifications for the well is included as Figures 5-6 and discussed in Section 3.0.

IV IS THIS AN EXPANSION OF AN EXISTING PROJECT?

This is not an expansion of an existing 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.

Appendix B contains a summary table (Table B-1) and a map (Figure B-1) showing the locations of all known wells within 2 miles of the proposed AGI well.

The locations of all wells within the 1-mile area of review of the proposed injection well are discussed in Section 5.0 and Appendix B. Figure B-2 (Appendix B) shows all wells within one mile of the proposed AGI and Table B-2 summarizes well data.

Lists of, and maps showing, locations of leases and data on surface owners, mineral owners, residents and other potentially interested parties within the area of review are included in Appendix D.

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.

The tabulation of the available public data on wells within the 1-mile area of review is presented in Table B-2 and plugging diagrams for wells penetrating the San Andres within the 1-mile radius and other associated well plugging data are provided in Appendix C.

VII. ATTACH DATA ON THE PROPOSED OPERATION, INCLUDING:

- 1. Proposed average and maximum daily rate and volume of fluids to be injected;
- 2. Whether the system is open or closed;
- 3. Proposed average and maximum injection pressure;
- 4. Sources and an appropriate analysis of injection fluid and compatibility with the receiving formation if other than reinjected produced water; and,
- 5. If injection is for disposal purposes into a zone not productive of oil or gas at or within one mile of the proposed well, attach a chemical analysis of the disposal zone formation water (may be measured or inferred from existing literature, studies, nearby wells, etc.).
- 1. Proposed injection volume is a maximum of approximately 205 barrels per day of acid gas. Details of injection volumes and injection pressures are discussed in Section 3 and Table 1.
- 2. The proposed injection sequence of the Devonian Montoya Formations is a closed system. Additional geological data for the area of the proposed injection well is described in Section 4.0
- 3. The proposed maximum injection pressure is 3,280 psi, and pressure calculations are provided in Table 1 and Section 3.2. At the depth of the proposed injection zone (9,930 to 10,500 feet), the lithostatic pressure is approximately 10,000 psi, preventing any potential for fracturing.

- 4. The acid gas stream is composed of approximately 38% Carbon Dioxide, 61% Hydrogen Sulfide, and traces (<1%) of methane, nitrogen and hydrocarbons. This acid gas stream is compressed at the Dagger Draw Gas Plant and then transported through a double-lined, monitored pipeline to the wellhead prior to injection. Representative analyses of the acid gases are included in Appendix A.
- 5. Formation waters in the proposed zone (Devonian-Montoya) were researched from available regional data. These analyses show that the formation waters have Total Dissolved Solids (TDS) greater than 10,000 parts per million (ppm) and a specific gravity of 1.1. The data are included in Appendix A.
- *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.

The general Stratigraphy in the vicinity of the proposed well is summarized as:

| Unit | From (feet) | To (feet) | Thickness (feet) |
|------------------|-------------|-----------|------------------|
| Alluvium | 0 | ~440 | ~440 |
| Grayburg | ~440 | 770 | ~330 |
| San Andres | 770 | 2163 | 1393 |
| Glorieta | 2163 | 3833 | 1670 |
| Tubb | 3833 | 4440 | 607 |
| Abo | 4440 | 5700 | 1260 |
| Wolfcamp | 5700 | 7652 | 1952 |
| Cisco (Penn) | 7652 | 8242 | 590 |
| Strawn | 8242 | 8698 | 456 |
| Atoka | 8698 | 8932 | 234 |
| Morrow (clastic) | 8932 | 9248 | 316 |
| Chester | 9248 | 9396 | 148 |
| Mississippian | 9396 | 9853 | 457 |
| Woodford | 9853 | 9857 | 4 |
| Devonian | 9857 | 9935 | 78 |
| Fusselman | 9935 | 10,349 | 414 |
| Montoya | 10,349 | 10,640 | ~290 |
| Simpson | 10,640 | 10,665 | ~25 |
| Ellenburger | 10,665 | 11,125 | ~460 |
| Bliss | 11,125 | 11,255 | ~130 |
| Granite | 11,255 | | |

The injection target zone for the proposed well is:

0. C. A.L.

B . 24

| Geological Name: | Devonian, Fusselman, and Montoya Formation |
|------------------|--|
| Lithologies: | Dolomite |
| Thickness: | Approximately 780' |
| Depths: | 9930' to 10,500' |

The geometry of the overlying formations and the proposed injection zone are discussed in Section 4.0, and the regional stratigraphy is shown in Figure 8. A cross-section of the proposed injection area is presented in Figure 11. In this area, the Devonian is capped by the low-permeability shaly interbeds of the Mississippian Limestone above, and by shales in Simpson and Ellenburger below.

As part of our geological analysis of the site, we have researched the available net porosity for the proposed injection zone. As shown in Section 4.3, and in Figure 12, we have determined that there are approximately 24 feet of total net porosity (570' injection interval with average 4.2% porosity) in the Devonian-Montoya Zone.

Based on the maximum requested injection volumes described in Section 3.2, and a conservative effective net porosity of 24 feet, we calculated that there will be a maximum use of approximately 12 acres at the maximum projected injection rate of 205 barrels per day. Calculations are included in Section 4.3. The calculated radius of injection, after 30 years, will be approximately 390 feet (0.074 miles) around the proposed AGI well. This area of the reservoir calculated to be affected after 30 years of injections is shown in Figure 15.

The only significant drinking water aquifer is in the surficial, alluvial deposits. This unit is locally less than 450 feet thick, and the unconfined aquifer in this formation is encountered at 100 to 275 feet below the surface and cased off with surface casing of the AGI

well. The identified wells in the one mile area of the proposed AGI well are identified in Section 4.5, detailed in Table 3. Analyses of drinking water samples from two representative water wells are included in Appendix A. These analyses show that the Total Dissolved Solids (TDS) for the analyzed drinking water were approximately 1050 milligrams per liter.

IX. DESCRIBE THE PROPOSED STIMULATION PROGRAM, IF ANY.

Stimulation programs, if necessary, will be evaluated following testing of the well. Some acidizing is routinely done after a workover prior to injection to clean up the hole.

*X. ATTACH APPROPRIATE LOGGING AND TEST DATA ON THE WELL. (IF WELL LOGS HAVE BEEN FILED WITH THE DIVISION, THEY NEED NOT BE RESUBMITTED).

The previously permitted AGI well (API 3001531950; 1650 FWL, 1650 FSL, Section 36, 18S, 25E) exists on New Mexico State property. This well was recompleted to its current depth of 10,500 feet to in preparation for acid gas injection. Geophysical logs were collected during the initial drilling of the well and recompletion; this logs are on file at NMOCD. The well will be serviced and modified as described in Section 3.3, prior to the recommencement of injection.

*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.

The identified fresh water wells in the one mile area of the proposed AGI are identified in Section 4.5, and detailed in Table 3. Analyses of drinking water samples from two representative water wells are included in Appendix A. These analyses show that the Total Dissolved Solids (TDS) for the analyzed drinking water were roughly 1050 milligrams per liter.

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.

We have analyzed the available geological and engineering data and affirm that there are no open faults or other hydrogeological connections between the proposed injection zone(s) and the known sources of drinking water (see Sections 4.0 and 5.0).

XIII. Applicants must complete the "Proof of Notice" section on the reverse side of this form.

Notices are being prepared for adjacent operators, surface owners and tenants, and a public notice for interested parties will be published in Eddy County, New Mexico. Copies of all certified notices are provided in Appendix D. Return Receipt from notices and copies of the publication affidavits will be submitted upon receipt.

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: Alberto A. Gutierrez, CPG

TITLE: <u>Consultant to Agave Energy Company.</u> DATE: <u>12/20/2010</u>

SIGNATURE: ____

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:

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

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Geolex, Inc.

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- Appendix D: Identification of Lessees, Surface Owners and other Interested Parties for Notices; Copies of Notice Letters and Certified Mail Receipts; Copy of Draft Public Notice for Hearing H₂S Contingency Plan Rule 11 Plan

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Geolex, Inc.

1.0 EXECUTIVE SUMMARY

On behalf of Agave Energy Company, Geolex[®], Inc. (Geolex) has prepared and is hereby submitting a complete C-108 application for authorization to inject acid gas. This will be carried out via the modification-of-and reactivation of a previously-approved acid gas and CO₂ sequestration well. This well, which is the Metropolis Disposal #1 (API #3001531905), is located 8 miles southwest of Artesia between the Rio Peñasco and Four Mile Draw. More specifically, the well is located at 1,650' FSL and 1,650' FWL of Section 36, Township 18 South, Range 25 East of Eddy County, New Mexico. It is roughly one mile south of the Agave Dagger Draw Processing Plant.

The Metropolis Disposal #1 well has a total depth of 10,500 ft in the Montoya Formation. The proposed injection zone will be within the basal Devonian, the Fusselman and the Montoya Formations (9,930 ft to 10,500 ft). Analysis of the reservoir characteristics of the Fusselman and Montoya Formations in this area confirms that it is an excellent closed-system reservoir that will accommodate the future needs of Agave for disposal of acid gas and sequestration of CO_2 from the plant. Agave needs to inject a maximum of 0.5 MMSCF/D (205 bbl/d at operating injection pressure) of treated acid gas (TAG) for at least 30 years. Geologic studies conducted for the selection of this location demonstrate that the proposed injection zone is 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 include:

- Identification and characterization of all hydrocarbon-producing zones of wells that surround and are present on the plant site;
- The depths of perforated pay intervals in those wells relative to the depth of the target injection zone (Devonian, Fusselman and Montoya Formations);
- The past and current uses of the Devonian, Fusselman and Montoya Formations;
- Total feet of net porosity in the proposed injection zone;
- The stratigraphic and structural setting of the Devonian, Fusselman and Montoya relative to any nearby active wells;
- The identification of all surface owners, residents or businesses having facilities within a one mile radius of the proposed injection well;
- The identification of all wells and of all operators within a one mile radius of the proposed injection well;
- Identification and characterization of all plugged wells within a one mile radius of the proposed injection well, including plugging diagrams of all plugged wells within this one mile radius;
- The details of the proposed injection operation, including general well design and average and maximum daily rates of injection and injection pressures;
- Sources of injection fluid and compatibility with the formation fluid of the injection zone
- 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;
- An H₂S Contingency Plan (Rule 11) for the facility which accommodates the proposed changes in operation is included as Appendix E to this application;
- A certification that there is no known connection between the proposed well and any source of fresh water.

12/20/10

Based upon this detailed evaluation, as summarized in this application, Agave has determined that the proposed injection well is a safe and environmentally-sound project for the disposal of acid gas. Furthermore, the project provides additional environmental benefit to the state by permanently sequestering CO_2 which would otherwise continue to be released to the atmosphere and eliminate SO_2 emissions which result from flaring acid gas.

The identified AGI target is approximately a 570 foot thick sequence of dolostones extending from the base of the Devonian Formation to the Upper Ordovician Montoya Formation. This zone is located from 9,930 to 10,500 ft depth. Available geophysical logs indicate that the proposed injection zone exhibits an <u>average of 4.2%</u> porosity, and our calculations show a net porosity for the injection zone of approximately 24 feet. The proposed injection zone is effectively sealed on top by the overlying Woodford Shale and Mississippian Limestone, both Mississippian in age, and below by the underlying shales and limestones of the Middle Ordovician Simpson Formation.

Based on 24 feet of net porosity, a thirty-year period of injection at a maximum of approximately 0.5 MMSCF per day (approximately 205 bbls/day of compressed TAG) would occupy an area of only approximately 11 acres, covering a radius of approximately 400 feet around the AGI well. The Metropolis Disposal #1 well previously injected up to about 0.2 MMSCF of acid gas per day from February 2006 until July 2007 at pressures of 1,100-1,200 psi, well below the originally-permitted maximum pressure of 1,980 psi for a mix of TAG and produced water. There are currently six permitted and operating salt water disposal (SWD) wells completed in the proposed injection zone in the general area of the plant, but the closest well (Roy SWD #3) is approximately 4.9 miles away, well outside the one-mile radius of evaluation within the proposed injection zone and the area of review required for the MNOCD C-108 application. According to NMOCD files, these six SWD wells currently accept from 100 to over 7,000 barrels of fluids per day, at pressures below their permitted levels. Based on these data, we have concluded that the proposed injection zone provides ample porosity, permeability and volume to serve Agave's injection needs.

Twenty-four wells (excluding Metropolis Disposal #1), of which nine are active, are found within the one-mile radius of the proposed AGI well. Only three of these wells are located within a half-mile radius of the well. Of the nine active wells located between the half-mile and one-mile radii, four are oil wells completed in the San Andres-Yeso Pool and the remaining five are gas wells completed in the Atoka-Morrow zone. All nine of these wells are operated by the Yates Petroleum Co. The last operators of the 15 plugged wells include: Amoco Production Co., Anadarko Petroleum Corp., Gulf Oil Corp., Monsanto Oil Co., Resler and Sheldon, and Yates Petroleum Co. *None of the wells, active or plugged, have penetrated the proposed injection zone, in fact, none have penetrated the ~450 ft thick Mississippian Limestone that serves as the cap to the proposed injection zone. Therefore, AGI activities will not cause any impacts to existing production and/or plugged wells.* Furthermore, Geolex believes that the geologic environment is ideal to demonstrate the required capture and sequestration of CO₂ to obtain credits or offsets.

The nearest body of surface water is the Peñasco River, an ephemeral stream/river located approximately one mile north of the plant. Five freshwater wells were identified in the one-mile area in a search of the New Mexico State Engineer's files. These wells will not be impacted by the proposed AGI project because the freshwater aquifer is protected by the surface casing of the Metropolis Disposal #1. Although the San Andres serves as a freshwater resource in other parts of Eddy County, no freshwater is found below 450 ft depth in the vicinity of the Metropolis Disposal #1.

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.

This application organizes and details all of the information required by NMOCD 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)
- 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)
- The identification, location, status, production zones, and other relevant information on oil and gas wells within the area of review (Section 5.0)
- The identification and required notification for operators and surface land owners that are located within the area of review (Section 6.0)
- 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)

In addition, this application includes the following supporting information:

| • | Appendix A: | Acid Gas injection Records for the Metropolis Disposal #1 well During 2006- |
|---|-------------|---|
| | | 2007; Injection Reservoir Fluid and Treated Acid Gas Analyses |
| • | Appendix B: | Maps and tables showing all active; temporarily abandoned, abandoned |
| | | and plugged oil and gas wells included within two-mile and one-mile areas and |
| | | associated plugging reports and CD with complete NMOCD file on each |
| | | plugged well |
| • | Appendix C: | Map Showing Location of Water Wells Within One Mile Area of Review; NM |
| | | State Engineer's Records Related to Plugged Water Well Within One Mile Area |
| | | of Review; Available Analysis of Groundwater Samples Within One-Mile Area |
| | | of Review |
| • | Appendix D: | Maps and tables showing operators in the one-mile radius area of review. |
| | | Maps and tables showing land ownership and other required notice parties |
| | | in the one-mile radius area of review. Copy of draft legal notice and generic |
| | | notice letter to individuals to be noticed by certified mail |
| • | Appendix F | Revised Rule 11 Plan for the Agave AGI Well |

• Appendix E: Revised Rule II Plan for the Agave A

3.0 PROPOSED MODIFICATION AND OPERATION OF METROPOLIS DISPOSAL #1 WELL

3.1 BACKGROUND

The Metropolis Disposal #1 (API #30-015-31905) was initially drilled in late 2001 by Yates Petroleum as an exploratory gas well, extending into the Chester formation, to a depth of 9,360 ft. It is located 8 miles southwest of Artesia between the Rio Peñasco and Four Mile Draw (Figure 1). More specifically, the well is located at 1,650' FSL and 1,650' FWL of Section 36, Township 18 South, Range 25 East of Eddy County, New Mexico. It is roughly one mile south of the Agave Dagger Draw Processing Plant. After electric logs found no commercial deposits of hydrocarbons, the open hole portion of the well was abandoned in October 2001. Agave Energy filed an application with the NMOCD to convert the well to an acid gas disposal well in 2004, and Administrative Order SWD-936 (approval-to-inject acid gas and produced water) was issued August 31, 2004. Subsequent to NMOCD approval, Agave (in conjunction with Yates as the drilling consultant) re-entered the abandoned hole, and drilled to a TD of 10,500 ft on October 27, 2004.

The well and the surface facilities were completed and acid gas injection commenced in late March-early April 2006. The well design is described in Section 3.3. A total of 38.85 MMSCF of TAG was injected into the Metropolis Disposal #1 between March 24, 2006 and July 5, 2007 (Appendix A). Although the well was permitted for the mixed injection of TAG and plant wastewater, no wastewater was ever injected. Since July 5, 2007, no injection of any kind has occurred. On September 10, 2009, the well underwent a successful MIT test. In response to a March 25, 2010 letter from NMOCD, Agave is seeking to have this well re-permitted for the injection of treated acid gas only.

3.2 PROPOSED INJECTION STREAM AND MAXIMUM INJECTION PRESSURE

As described above, the well has been re-designed and re-constructed such that it will serve as the injection conduit only for TAG. The proposed plan is to inject a maximum of 0.5MMSCF per day of dry TAG (roughly 205 bbl/day at operating injection pressure) with approximately the following composition:

• 61% H₂S

1.000

1. S. S. S. S.

- 38% CO₂
- Trace Components of $C_1 C_7 (\le 1\%)$.

Detailed analysis of the TAG is included in Appendix A.

The calculated maximum allowable injection pressure would be approximately 3,300 psi (depending on the final specific gravity of the TAG injection stream). We have used the following method approved by NMOCD to calculate the preliminary proposed maximum injection pressure. The final maximum permitted surface injection pressure should be based on the specific gravity of the injection stream according to the following formula:

 $IP_{max} = PG (D_{top}) \quad \text{where:} \quad IP_{max} = \text{maximum surface injection pressure (psi)} \\ PG = \text{pressure gradient of mixed injection fluid (psi/ft)} \\ D_{top} = \text{depth at top of perforated interval of injection zone (ft)} \end{cases}$

and $PG = 0.2 + 0.433 (1.04 - SG_{TAG})$ where: SG_{TAG} = specific gravity of treated acid gas at injection pressure of 1200 psi.

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For the maximum requested injection volume, case it is assumed that:

 $SG_{TAG} = 0.74$ $D_{ton} = 9927$

Therefore:

PG = 0.2 + 0.433 (1.04 - 0.74) = 0.331 $IP_{max} = PG(D_{top}) = 0.331(9927) = 3288$

Based on the performance of the existing injection well and the relatively small volume of TAG to be injected, it is anticipated that the average injection pressure would not exceed 1,600 psi. Based on the above calculations, Agave is requesting approval of a maximum injection pressure to be 3,280 psi at the surface.

3.3 AGI SURFACE FACILITY AND WELL DESIGNS

In accordance with NMOCD Administrative Order SWD-936, an existing SWD well (API #30-015-31905) was deepened and recompleted as the Metropolis Disposal #1 AGI well in August 2004. Below we describe the existing surface facility and well designs. In addition, we describe testing and modifications that will be performed subsequent to the approval of this application and prior to recommencement of injection of acid gas into the well.

Surface Facility. The low gauge pressure (<10 psi), acid gas stream from the amine unit is routed to the acid gas compressor (Figure 2). The stream is then subject to a series of compression and cooling cycles, thus dehydrating and compressing the acid gas stream to a gauge pressure of approximately 1,150 psi. The high pressure acid gas stream then flows through buried, double-lined pipeline with leak detection that contains a 2" stainless steel pipeline that carries TAG from the plant to the wellhead.

The pipeline runs from the Agave Dagger Draw Plant in a southwesterly direction and crosses Kincaid Road at the plant boundary and continues southwesterly along a gravel road for approximately 3,680 ft (Figure 3). The pipeline then turns east along the Metropolis Disposal #1 access road for an additional 900 ft to the wellhead. After crossing Kincaid Road, the pipeline and well are contained within Section 36, Township 18 South, Range 25 East which is owned by the State of New Mexico (Figure 3). Agave Energy has Right-of-Ways from the State of New Mexico and an oil and gas lease for the Metropolis Disposal #1 well site. The pipeline is buried at a depth of 6.5 ft throughout its length and it is marked, as required, with permanent surface markers, as shown in Figure 4.

There are number of safeguards designed to prevent leaks or overpressure of the system. The acid gas compressor is equipped with multiple pressure transmitters. These transmitters monitor compressor suction and discharge pressures and are programmed to shut the acid gas system down when the pressures fall outside a pre-programmed operating range. As an additional safeguard, the compressor panel is also equipped with high and low pressure shutdowns for each stage of compression that will shut the compressor down when pressures reach preset high and low pressure set points.

The acid gas pipeline is a double-lined system with a continuous leak detection system installed. The acid gas pipeline is constructed from 2" 304 stainless steel tubing. The pipeline has been designed with a maximum allowable working gauge pressure of 2,350 psi. Historical injection gauge pressures average 1,150 psi. For leak detection purposes, the 2" acid gas line has been encased in 6" SDR 11 polyethylene pipe. A "sweet" gas stream flows through the annulus between the 6" and 2" pipelines at a preset pressure and flow rate. This sweet gas stream is monitored continuously for H₂S and over/under pressure. If any

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one variable falls outside the predetermined operating range, the acid gas compressor is shut down and the acid gas stream is routed to the flare.

Additional safeguards for the acid gas injection include a subsurface safety valve. This valve is designed to isolate and shut in the injection well if a leak occurs along the acid gas pipeline or at the surface of the well.

The final design for the surface facilities and associated piping and layout of H_2S alarms and other safety equipment are included in the revised H_2S Contingency Plan Rule 11 included herein as Appendix E.

Well Design. The existing well is completed with three casing strings: 13 3/8" surface casing to 400 ft, 8 5/8" intermediate casing to 1,200 ft; 5 $\frac{1}{2}$ " casing to 9,927 ft; and extends as an open hole to a total depth of 10,500 ft (Figures 5 and 6 show the current and recompleted configurations of the Metropolis #1). A 5 $\frac{1}{2}$ " casing joint of corrosion resistant alloy (CRA; 28-110 VAM alloy) was set from 9,850 ft to 9,927 ft. The 13 3/8" and 8 5/8" casings were cemented with Class C cement that was circulated. The 5 $\frac{1}{2}$ " casing was cemented in two stages, but had lost returns. Cement was squeezed through perforations at 8,250 ft and again at 1,870 ft; the final squeeze was circulated to the surface. Following the squeeze jobs the 5 1/2" casing was successfully tested at 1,000 psi for 30 minutes. The current injection string includes a 2 7/8" internally coated tubing, completed with a Halliburton 13-20# permanent packer, made of Incoloy[®] 925 with fluorel elements set at 9,857 ft and a Halliburton injection valve, also made of Incoloy[®] 925, set at 154 ft. Incoloy[®] 925 is a nickel-iron chromium alloy that is resistant to corrosion and pitting. The well recently passed an MIT test on September 10, 2009.

Prior to recommencement of injection the well will be tested and several modifications performed. Since the well has been shut in for at least 3 years, a full inspection and rebuild of the production tree will be performed to ascertain its condition. This will require removing the tree from the casing head and movingit to the Wood Group mechanical shop in Odessa, Texas. At that time, elastomer seals will be replaced and the valve bodies (including gates, bonnets and valve stems) will be inspected and replaced if necessary.

After the tree is removed, a recompletion rig will be brought in and the tubing will be pulled sufficient to reach the existing Halliburton injection valve. The injection valve will be removed and replaced by an Incoloy[®] 925 subsurface safety valve (SSSV) with a sliding sleeve, a stainless control line, and a remote control panel. Additional tubing will be pulled and the new SSSV will be set approximately 250 ft below the surface. The existing packer fluid in the tubing/casing annulus will be replaced with red dye diesel fuel to guard against upwards migration of H₂S in the event of any future tubing leaks (Figure 6).

Since the well was drilled during two phases, to an initial TD of 9,360 ft followed by reentry and drilling to a TD 10,500 ft, open hole logs were obtained following each phase resulting in logs covering the well from 200 ft depth to 10,500 ft. The logs include Dual Induction, and Density-Neutron-Gamma Ray Porosity. All logs have been previously provided to OCD. No conventional core or side-wall core was collected during drilling.

4.0 REGIONAL AND LOCAL GEOLOGY AND HYDROLOGY

4.1 GENERAL GEOLOGIC SETTING

The Metropolis Disposal #1 well is located approximately 8 miles southwest of Artesia between the Rio Peñasco and Four Mile Draw, just less than one mile south of the Agave Dagger Draw Processing Plant. The surrounding area is covered by alluvial sediments from the Rio Peñasco, and the nearby Pecos River. These two rivers and their tributary systems dominate the local geomorphology. The area has undergone substantial oil and gas development. An agricultural zone is located along the Pecos River approximately 5 miles to the east and is supplied by shallow subsurface aquifers.

4.2 BEDROCK GEOLOGY

The well is located on the Northwest Shelf of the Permian Basin. The bedrock is composed of sedimentary rocks dating back to the Ordovician and the formation of a broad marine basin known as the Tobosa Basin (Figure 7A). During the Ordovician through the Devonian, the Tobosa Basin was modified by deposition of clastic and carbonate sediments from the Pedernal Massif to the north and by continued subsidence. By the Middle Mississippian, the modification of the Tobosa Basin had led to the development of the Midland and Delaware sub-basins, a larger encompassing basin referred to as the Permian Basin (Figure 7B). The sub-basins were deepened by deformation during the Hercynian orogeny of the Pennsylvanian through Early Permian; shallow intervening shelves were established. Following the orogeny, the sub-basins were structurally stable and gradually filled by large quantities of clastic sediments while carbonates were deposited on the shelves.

Numerous oil and gas pools have been identified in the Permian Basin and older Tobosa Basin rocks. In the area of the Metropolis Disposal #1 well, the rocks consist predominately of carbonates with lesser clastic rocks – primarily shales, and the reservoir quality has been enhanced by dolomitization, fracturing and karstification of the carbonates. Figure 8 is a generalized stratigraphic column showing the formations that underlie the well site. Local oil production is largely restricted to the San Andres-Yeso pool, and gas production is concentrated in the Morrow with smaller amounts from the Abo and other zones. There have been no commercially significant deposits of oil or gas found in or below the Devonian through Montoya, the proposed injection zone, or in the vicinity of the well. The injection zone has been tested wet and there is no current or foreseeable production at these depths within the one-mile radius of review mandated by the NMOCD regulations for AGI permitting (C-108).

4.3 LITHOLOGIC AND RESERVOIR CHARACTERISTICS OF THE DEVONIAN-FUSSELMAN-MONTOYA FORMATIONS

Based on the geologic analyses of the subsurface at the Metropolis Disposal #1 well, we recommend acid gas injection and CO_2 sequestration in the Devonian through Montoya dolomite sequence. These dolomites have the requisite high porosity and have excellent caps above and below. While there are no structural traps to restrict lateral migration of injected gas, there are no deep wells or faults that would serve as vertical conduits. The high net porosity of the proposed injection zone and low proposed injection volumes indicate that the injected H₂S and CO₂ will be easily contained close to the injection well. The carbonaceous composition of the reservoir rocks will have the added benefit of neutralizing the acidity of the gas and providing improved porosity and permeability over time as buffering capacity is consumed.

The geophysical logs for the Metropolis Disposal #1 well were examined, as were the records for other deep wells located within a three-mile radius of the Metropolis Disposal #1 well. Only the Metropolis Disposal #1 well penetrates below the Mississippian/Chester formations so it was not possible to evaluate the structure of the Devonian-Montoya injection zone. However, there are ample data for the Chester formation which, along the over lying Barnett shale, serves as the upper seal to the injection zone. Using the formation tops from 32 wells, a contour map was constructed for the top of the Chester Formation (Figure 9) in the vicinity of the well. This map reveals a 5° dip to the northwest, with no visible faulting or offsets that might influence fluid migration, suggesting that injected fluid would spread radially from the point of injection with a small elliptical component to the northwest. This interpretation is supported by cross-sections of the overlying stratigraphy that reveal relatively horizontal contacts between the units (Figures 10-11). Local heterogeneities in permeability and porosity will exercise significant control over fluid migration and the overall three-dimensional shape of the injected gas plume.

A geological analysis confirms that the Devonian-Montoya Formations as the most promising injection zone in the vicinity of the Metropolis Disposal #1 well. This preliminary analysis is confirmed by Geolex's detailed geological analysis, including the analysis of the geophysical logs collected during the deepening of the well in 2004 and the records of injection from 2006-2007. The zone has the requisite high porosity and permeability and is bounded by fine-grained rocks in the Barnett shale, Chester limestone, and Woodford shale above and the shales of the upper Simpson below. These are ideal H_2S and CO_2 sequestration conditions

Mississippian Rocks. Deposits of Mississippian age are commonly divided into the Barnett Shale and Chester Limestone of the Upper Mississippian, the Mississippian Limestone of the Middle Mississippian and the Woodford Shale of the Lower Mississippian to Upper Devonian (Figure 8). The Mississippian is characterized by widespread dark shale deposition at the beginning and towards the end of the period (corresponding to the Woodford and Barnett shales, respectively), and by the deposition of shaly and cherty limestones towards the middle of the period (the Chester and Mississippian Limestones). Within the Permian Basin, the Mississippian serves as a seal to hydrocarbons of Mississippian and older ages (Wright, 1979).

Devonian to Upper Ordovician Rocks. Locally, the Devonian to Upper Ordovician deposits include the Devonian Formation of the Devonian, the Fusselman Formation of the Silurian, and the Montoya Formation of the Upper Ordovician. These deposits are characterized by relatively clean dolostones that becomes cherty in places. Some sandstones are found near base of the sequence, overlying the Simpson Formation. Porosity is of intercrystalline, fracture, vuggy and cavernous type (Wright, 1979). Deposition was fairly continuous during this period, making it difficult to distinguish between formations in places. The resultant overlapping porosity and the absence of fine-grained sediments (i.e., shales) has resulted in an overlapping of pools and reservoirs through sequence.

Simpson Formation (Middle Ordovician). None of the wells in the vicinity of the Metropolis Disposal #1 well penetrate the Simpson Formation, so its presence is based on regional studies (Wright, 1979). The Simpson is characterized by massive, fossiliferous limestone that is inter-bedded with thin layers of green shale and sandstone. The shales serve as a seal to Simpson and Ellenburger oil and gas pools where present.

Geophysical logs were collected during the initial drilling and later deepening of the Metropolis Disposal #1 well. These logs include an evaluation of the country rock porosity. Figure 12 shows the Thermal Neutron Porosity (TNPH) log from 9,350 feet to 10,500 feet (TD) and includes the identified formational boundaries. The proposed, open-hole injection interval exhibits an average porosity of about 4.2%; taken over the entire interval of 570 feet this gives an effective porosity of approximately 24.3 feet. The

overlying Mississippian Limestone and Woodford Shale combine to form a 450 foot layer with porosities of <2%, consistent with an effective seal on the injection zone.

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 porosity logs described above and prior injection into the Metropolis Disposal #1well. Injection records for the well for 2006-2007 reveal that the injection pressures remained between 1,100 and 1,200 psi (Figure 13; Table A-1), significantly below the requested maximum injection pressure of 3,280 psi. No relationship was visible between injection rate and injection pressure (up to about 0.2 MMSCFD) indicating that the reservoir was not pressuring up. The good injectivity of the zone is supported by the performance of nearby SWD wells. Six SWD wells are located within a ten-mile radius, injecting into the same zone; the closest is about 5 miles away (Figure 14). These wells have successfully injected roughly 100 bbl/day to >9,000 bbl/day over the last three years.

A maximum allowable surface injection pressure was calculated for the proposed AGI well following the NMOCD approved formula: $IP_{max} = PG (D_{top})$, where IP_{max} is the maximum allowed surface injection pressure (psi), PG is the pressure gradient of the injected fluid (psi/ft), and D_{top} is the depth to the top of the perforated zone (ft). Using the depth to the bottom of the production casing in the Metropolis Disposal #1 well (9,927 ft) and TAG as the injection fluid, the maximum allowable injection pressure would be approximately 3,280 psig (Table 1). This value is significantly higher than the maximum allowable injection pressure for saltwater (approximately 1,985 psig), due to the lower specific gravity of TAG.

Using the total porosity determined from well logs, it is possible to estimate the area of injection over a 30-year life span for an AGI well at the Agave Dagger Draw Gas Plant. Assuming a maximum injection rate of 0.5 MMSCFD (205 bbl/day at surface equates to approximately 185 bbl/day of compressed TAG at reservoir conditions, see Table 1), acid gas would spread to cover an area of approximately 11 acres or a circle with a radius of approximately 390 ft (Figure 15 and Table 1). This maximum injection rate is substantially higher than the recorded injection rates during 2006-2007 (maximum of about 0.2 MMSCFD), but there was no evidence of pressuring up. SWD wells injecting into the same zone within a ten-mile radius exhibit the ability to take more than 9000 bbl/day injection. Injection of TAG is likely to experience somewhat lower pressures as the dolomitic reservoir rock is dissolved.

| Calculations of Area and Volume of Reservoir Affected by Proposed Injection | |
|---|--|
| | Maximum Injection Rate – 0.5 MMSCFD of TAG |
| Barrels per Day at Reservoir Conditions | 185 |
| Cubic Feet/Day (5.6146 Cubic Feet per Barrel) | 1039 |
| Cubic Feet/ Year (365.25 Days) | 379,391 |
| Cubic Feet in 30 Years | 11,381,726 |
| Effective Porosity in Feet = 24 feet | |
| Net Area Consumed (Volume/eff. porosity) (ft) | 474,239 |
| Net Area in Acres (43,560 Sq. feet/acre) | 10.9 |
| Radius in feet | 390 |

4.4 FORMATION FLUID CHEMISTRY

Six other SWD wells located within a ten mile radius of Metropolis Disposal #1 currently inject into the Devonian-Montoya sequence, the proposed injection zone (Table 2). These wells are located no closer than approximately five miles from Metropolis Disposal #1. A chemical analysis of water from Indian Hills State Comm Well No. 7 (API 30-015-22448), approximately 13 miles away, indicates that the

formation waters are saline and compatible with the proposed injection (see Appendix A). The Devonian-Montoya sequence has already been approved for acid gas injection at the Duke AGI Well #1 (API 30-015-32324), 13.9 miles from Metropolis Disposal #1 (Administrative Order SWD-838).

4.5 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, five freshwater wells are located within 1 mile radius of the Metropolis Disposal #1 well (Table 3; analyses for two of these wells are included in Appendix A). These wells are shallow, collecting water from about 100 to 450 feet depth. The wells were drilled for domestic, stock and prospecting purposes. The shallow freshwater aquifer is protected by the surface casing of the Metropolis Disposal #1 well that extends to 1200 ft depth, into the lower San Andres.

The base of the freshwater aquifer in the Roswell Basin is variable (Maddox, 1969). In the immediate vicinity of the Metropolis Disposal #1, the base is around 400 ft, consistent with the nearby freshwater wells. Away from Metropolis Disposal #1, the base of the aquifer gets deeper and freshwater penetrates into carbonate rocks, including the San Andres formation. Adjacent to the Pecos River, freshwater in the San Andres and overlying carbonate rocks is an important source of irrigation water (Hedrickson and Jones, 1952; Figure 16). However, freshwater is absent in the San Andres at the Metropolis Disposal #1 (Figure 17) and therefore not at risk from the proposed acid gas injection.

The nearest body of surface water is the Peñasco River, an ephemeral river located approximately one mile to the north of the well. Several ephemeral/dry tributaries of the Four Mile Draw extend roughly one mile to the southeast and southwest of the well. There would be no impact from the Metropolis Disposal #1 well on these streams/rivers since the surface casing for the well extends about 1200 feet below the bottom of these features.

5.0 OIL AND GAS WELLS IN THE METROPOLIS DISPOSAL #1 AREA OF REVIEW AND VICINITY

Appendix B contains a complete list based on NMOCD records of all active, temporarily abandoned, abandoned and plugged oil and gas wells within two miles (Figure B-1, Table B-1) and those within the one-mile radius area of review (Figure B-2, Table B-2) of the proposed AGI disposal well.

5.1 ACTIVE OIL AND GAS WELLS

As shown in Table B-2, and in the accompanying Figure B-2 in Appendix B, there are a total of 24 wells in the one mile area of review (excluding Metropolis Disposal #1). Information on the wells in the one mile area of review includes their total depth, production or injection interval and current status. Nine of these 24 wells are currently active. *None of the 24 wells in the one mile area of review, including the nine active wells, penetrates the Devonian Formation at the top of the proposed injection zone.*

The active wells are divided between wells producing oil from the San Andres-Yeso-Abo pool and wells producing gas from the Atoka-Morrow pool. The majority of the wells producing gas from the Atoka-Morrow pool penetrated into the top of the Chester Limestone, but none penetrated into the Mississippian Limestone. In the vicinity of the Metropolis Disposal #1 well the Mississippian Limestone is about 450 feet thick and, along with the underlying Woodford Shale, provides an excellent seal above the top of the Devonian Formation and the proposed injection zone.

The wells producing oil from the San Andres-Yeso-Abo pool have their top perforations in the San Andres at depths of 1,200-1,400 feet, just below the bottom of the surface casing for the Metropolis Disposal #1 well.

5.2 PLUGGED OIL AND GAS WELLS

Table C-1 includes a list of all plugged and abandoned wells, based on NMOCD records, found within the one mile area of review, and Figure C-1 in Appendix C shows the location of these wells. Fifteen plugged wells (Table C-1) were identified within the one mile radius. Appendix C includes plugging diagrams and supporting data for each of these wells. *As with the active oil and gas wells, none of the plugged wells penetrates the top of the Mississippian Limestone*. These data show that there is no evidence of improperly plugged or abandoned wells within the area of review which might cause communication between the proposed injection zone and any other unit.

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

Geolex contracted with MBF Land Services (MBF) of Roswell, New Mexico to assist in the research of land records in Eddy County to obtain a listing of all operators, oil, gas and mineral lessees, surface owners, and residents/facilities within a one-mile radius of the proposed AGI well. Appendix D includes the results of that work.

Appendix D includes Figure D-1 which shows the land owners located within the one-mile area of review of the Metropolis Disposal #1 well. Table D-1, Appendix D, lists the names and addresses of all operators within this one-mile radius. Table D-2 lists the names and addresses of surface owners of record in the area of review, as extracted from the Eddy County land records. Table D-3, Appendix D, lists the names and addresses of subsurface lessees within the same one mile area of review. Appendix D also includes Table D-4, which shows mineral owners for the only tract in the area of review that is not leased. Tables D-5, Appendix D lists all the other interested parties that require notice as determined by NMOCD, including all residences or businesses having facilities within the 1-mile area of review, N.M. State Land Office, U.S. BLM, and municipalities located within 5 miles of the Metropolis Disposal #1 well.

All of these operators, oil and gas lessees, mineral owners, and surface owners within the one-mile area of review will be provided notice and an opportunity to review this application at least 20 days prior to the OCD Hearing. Copies of the general notice form letter to parties individually noticed from Tables D-1, D-2, D-3, D-4, D-5and the draft legal notice are included in Appendix D. A copy of individual notice letters with certified mail information and return receipt cards from these notifications will be provided as an exhibit at the hearing on this case.

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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 Agave Metropolis Disposal #1 well has been performed. The investigation included the analysis of 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 proposed injection zone with any known sources of drinking water in the vicinity as described above in Sections 4 and 5 of this application.

8.0 REFERENCES CITED

- Adams, J.E. 1965. Stratigraphic-tectonic development of Delaware Basin. AAPG Bulletin, v. 49: 2140-2148.
- Hendrickson, G.E., and Jones, R.S., 1952. Geology and Ground-Water Resources of Eddy County, New Mexico. NM Institute of Mining and Technology, Ground-Water Report 3, pp. 169, with 4 plates.
- Maddox, G.E., 1969. Relation of the San Andres Limestone to the "Carbonate Aquifer" in the Roswell Basin, New Mexico. In: W.K. Summers and F.E. Kottlowski, Eds., The San Andres Limestone, A Reservoir for Oil and Water in New Mexico, NM Geological Society Special Publication No. 3, 32-36, with 7 plates.
- Stipp, T.F., 1960. Major Structural Features and Geologic History of Southeastern New Mexico. In: H.N. Sweeney, Ed.-in-Chief, The Oil and Gas Fields of Southeastern New Mexico, A Symposium, 1960 Supplement, Roswell Geological Society, xxvii-xxx, with 3 plates.
- Ward, R. F., Kendall, C.G.S.C., and Harris, P. M., 1986. Upper Permian (Guadalupian) facies and their association with hydrocarbons - Permian basin, west Texas and New Mexico. AAPG Bulletin, v. 70: 239-262.
- Wright, W.F., 1979. Petroleum Geology of the Permian Basin. West Texas Geological Society Publication No. 79-71, pp. 98.

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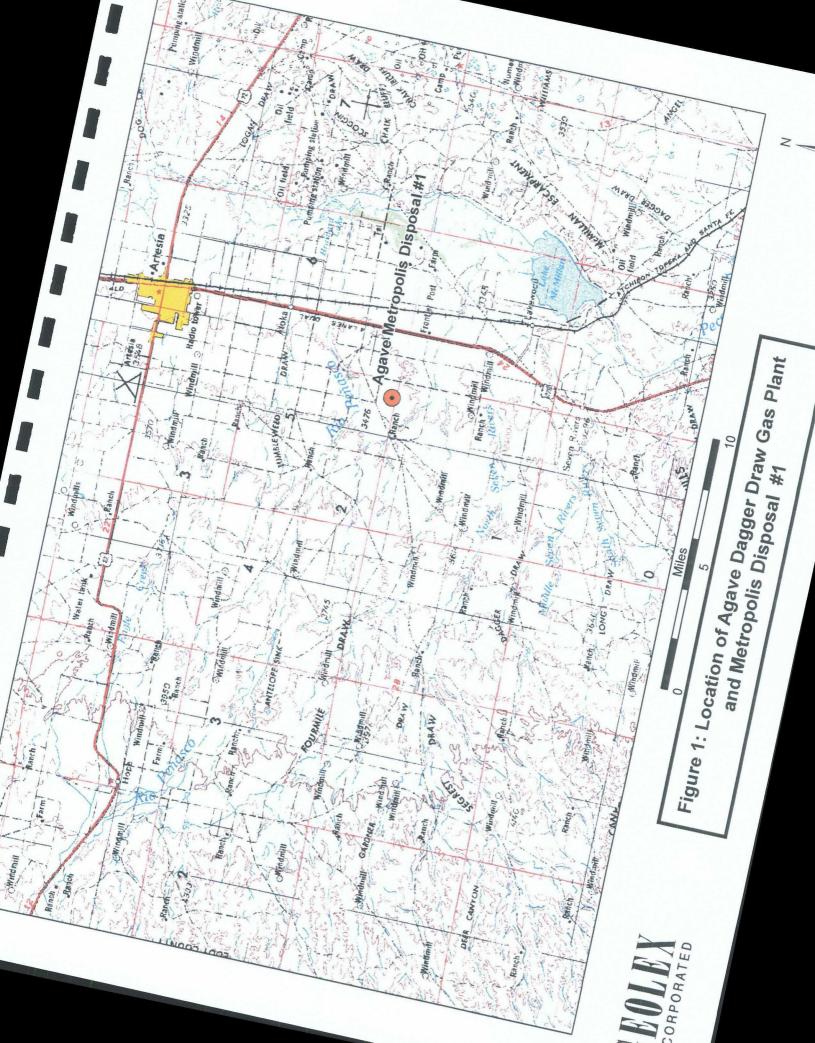
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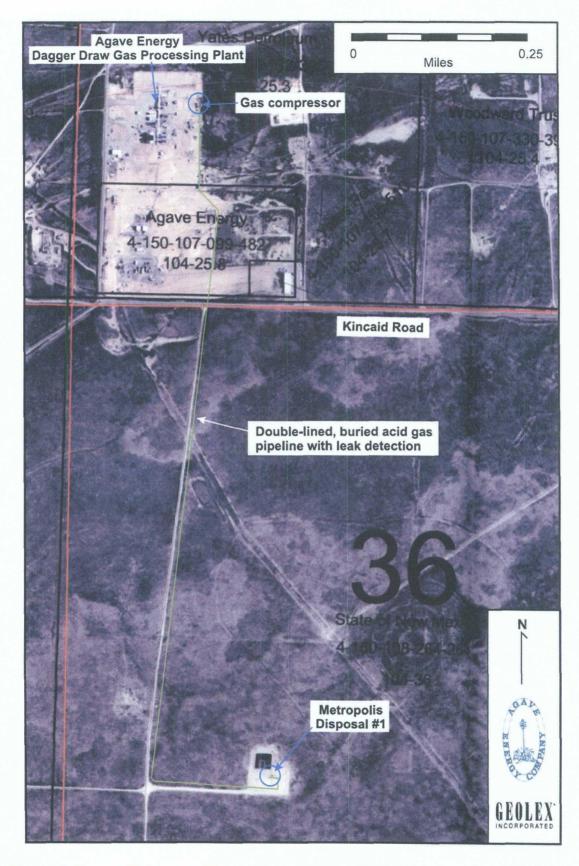


Figure 2: General Diagram of Agave Dagger Draw Gas Plant and Location of Pipeline Connecting the Plant with the Metropolis Disposal #1 Well





Figure 3: Photos of Pipeline Connecting Agave Energy's Dagger Draw Gas Plant With Metropolis Disposal #1 well. A) Acid Gas Compressed at the Gas Plant is Introduced to a 2" Stainless Steel Pipeline Surrounded by a 6" Polyethylene Pipe. Pipeline Integrity is Monitored Using a Stream of Sweet Natural Gas in the Volume Between the Two Pipes. B) Outside of the Fenced in Areas at the Plant and Wellhead, the Pipeline is Buried and Clearly Marked. C) The Pipeline Rises Above Ground and Connects to the Production Tree at the Metropolis Disposal #1 Wellhead

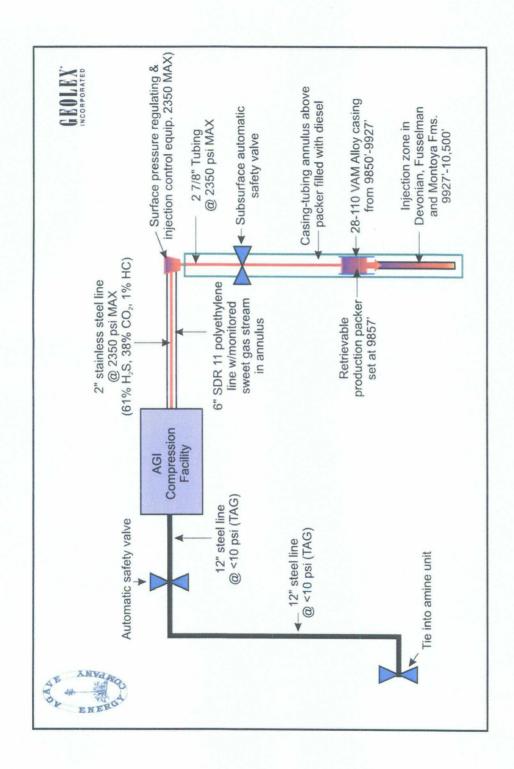


Figure 4: Schematic of Agave Energy Dagger Draw Gas Plant and Metropolis Disposal #1 Acid Gas Injection (AGI) System Components

WELL NAME: METROPOLIS DISPOSAL 001 API 30-015-31950 FIELD: Devonian LOCATION: Unit K, Sec. 36-T18S-R25E, 1650 S/1650 W COUNTY: Eddy GL: 3498 ft SPUD DATE: 8/31/01 COMPLETION DATE: 9/2/01 COMMENTS: PA: 9/23/01, RE: 10/17/04 RE-COMPLETION: 1/30/06, MIT (OK): 9/10/09

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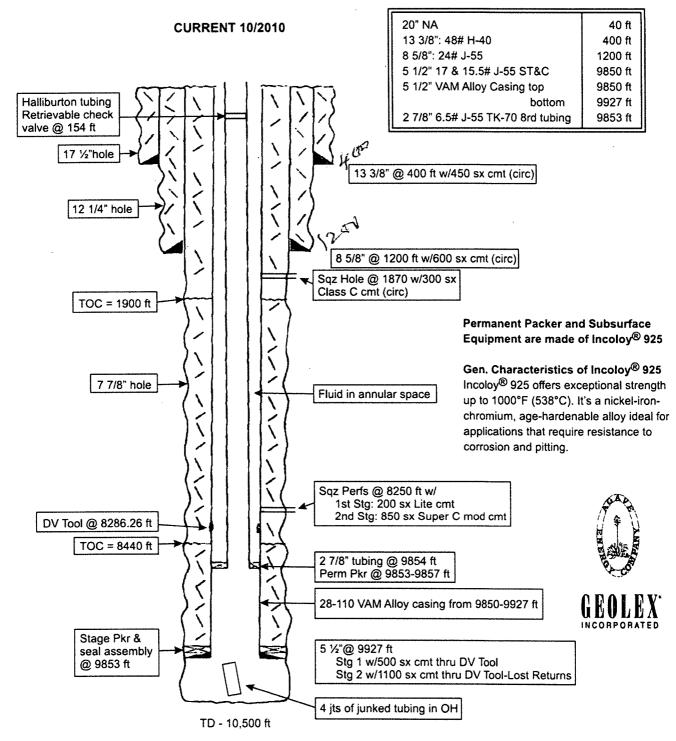
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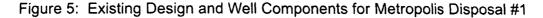
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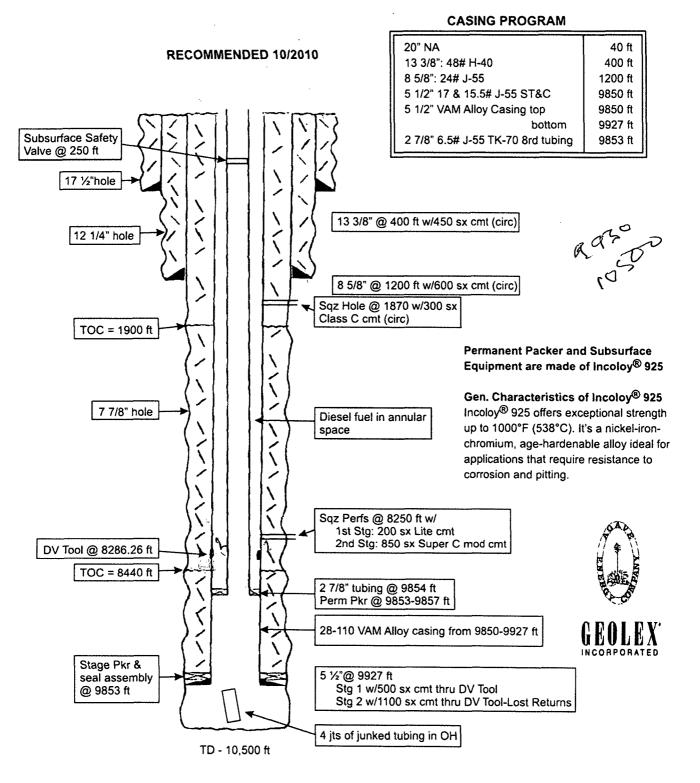
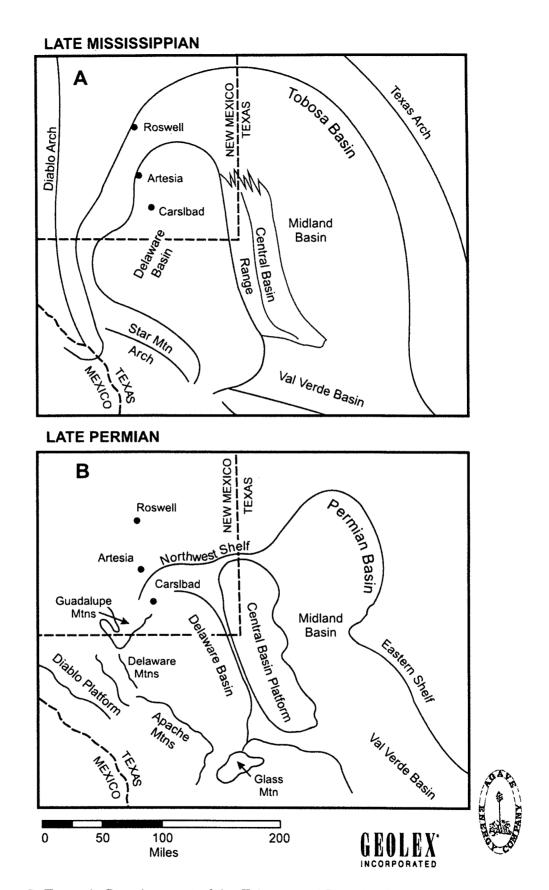


Figure 6: Design and Well Components for Metropolis Disposal #1 Following Recommended Service and Modifications. Recommended Modifications are Highlighted



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Figure 7: Tectonic Development of the Tobosa and Permian Basins. A) Late Mississippian - Modified from Adams (1965). B) Late Permian -Modified from Ward et al. (1986)

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| M 1 5 | CHESTER | UPPER MISSISSIPPIAN LINESTONE BARNETT SHALE" | | | 2HES*E |
| 90-00 | MERANAC | | | | WE 9AW |
| 1-PP- | OSAGE | | MISSISSIPPIAN LIMESTONE | | 05458 |
| Ň | KINDERHOOK | | WOODFORD | | KINCE 9H |
| DE VONIAN | UPPER | | DEVONIAN (SOUTHERN PLATFORM ONLY | ') | UPPE |
| SILURIAN | MAGARAN | DE vOrean | FUSSELMAN | | NIAGAR |
| 0 R | UPPER | MONTOYA | | | |
| 00 V | MEDOL E | SIMPSON | | | |
| | LOWEN | EL PASO-ELLENBURGER | | | |
| Ñ | | | 0.153 | | LOWE |

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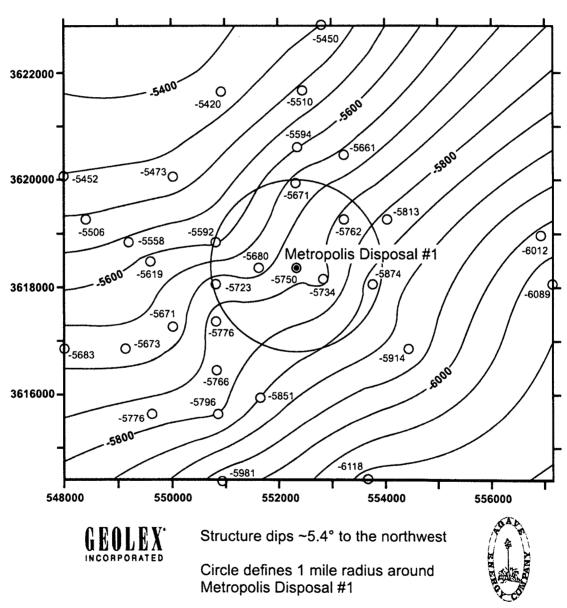
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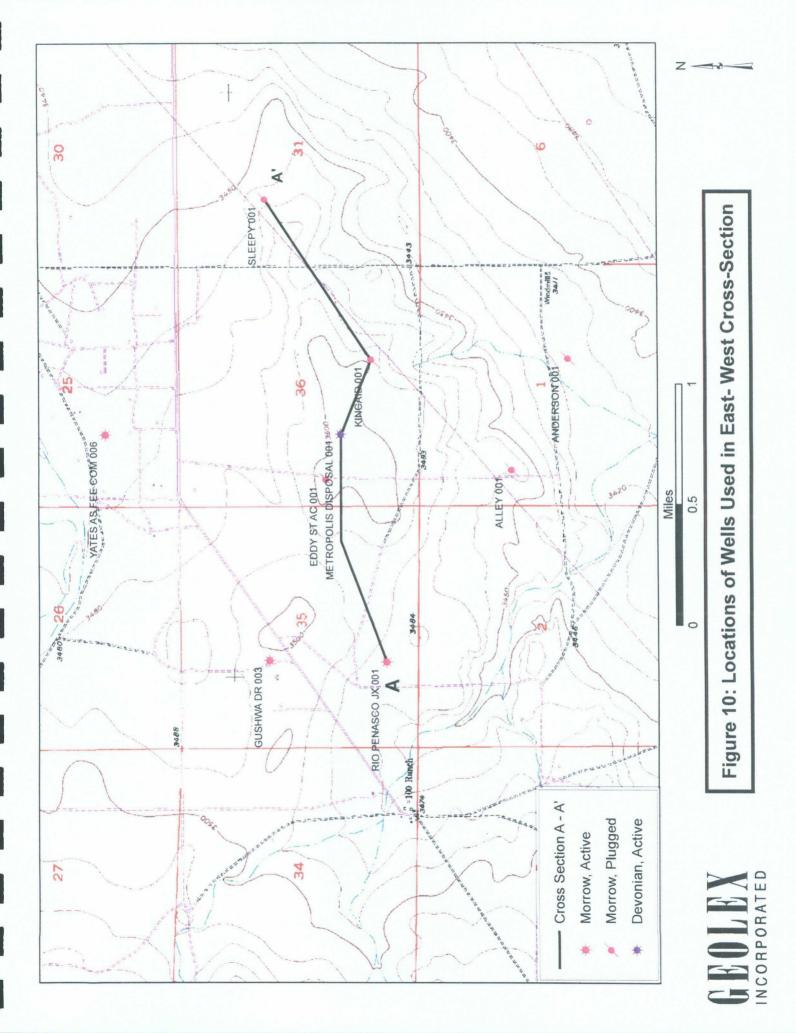
Figure 8. Stratigraphy in the Vicinity of Metropolis Disposal 001 Well (from Stipp, 1960)





Elevation at the top of the Chester Formation

Figure 9: Structural Contours on Top of the Chester Formation in the Vicinity of Metropolis Disposal #1



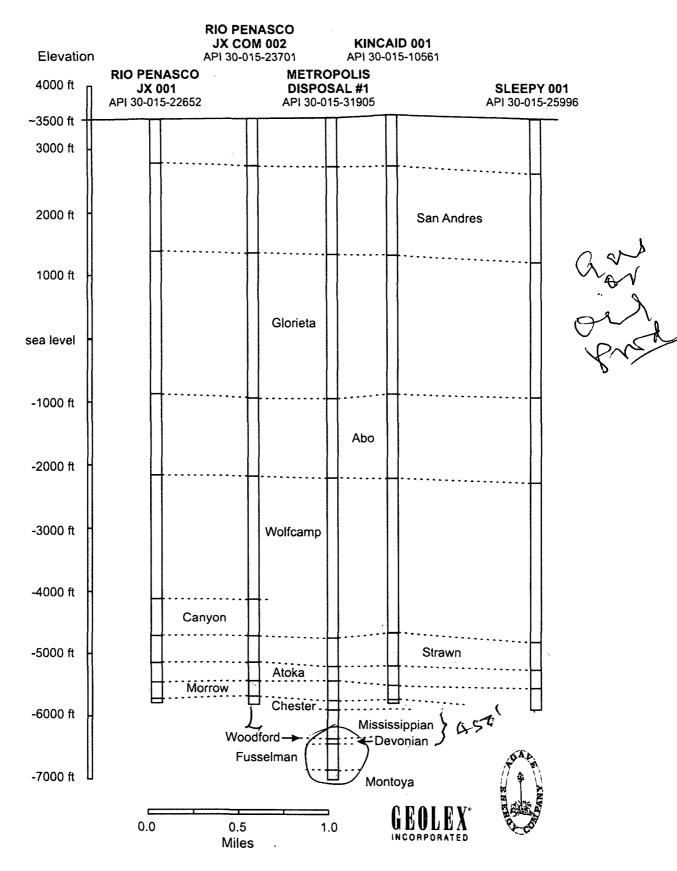


Figure 11: Stratigraphic Cross-section Through the Metropolis Disposal #1. Locations of Wells Shown in Figure 10

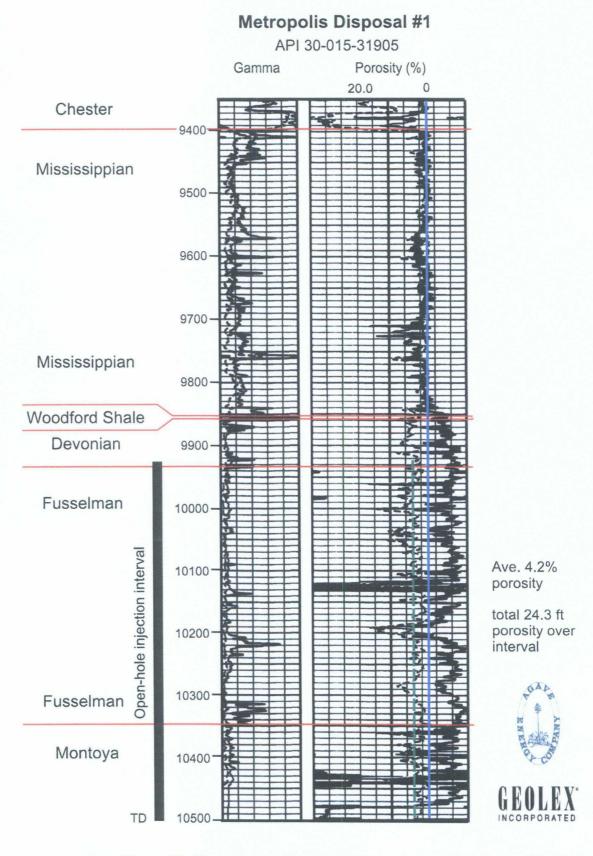


Figure 12: Porosity and Gamma Log for Metropolis Disposal #1 Well

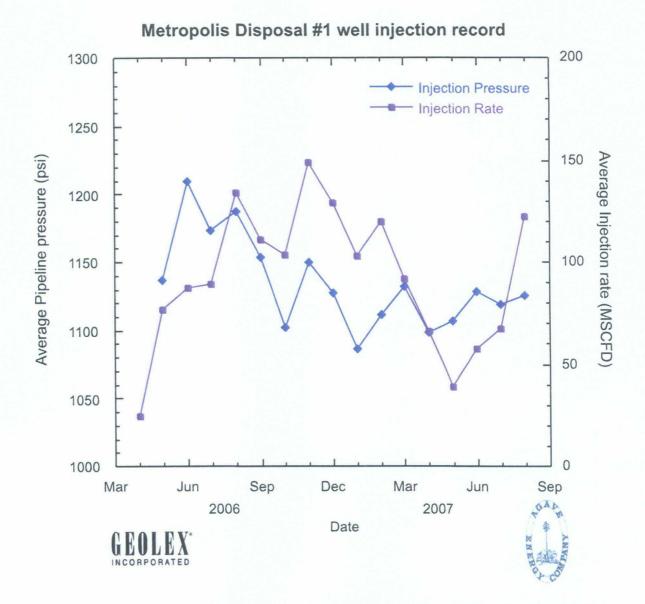
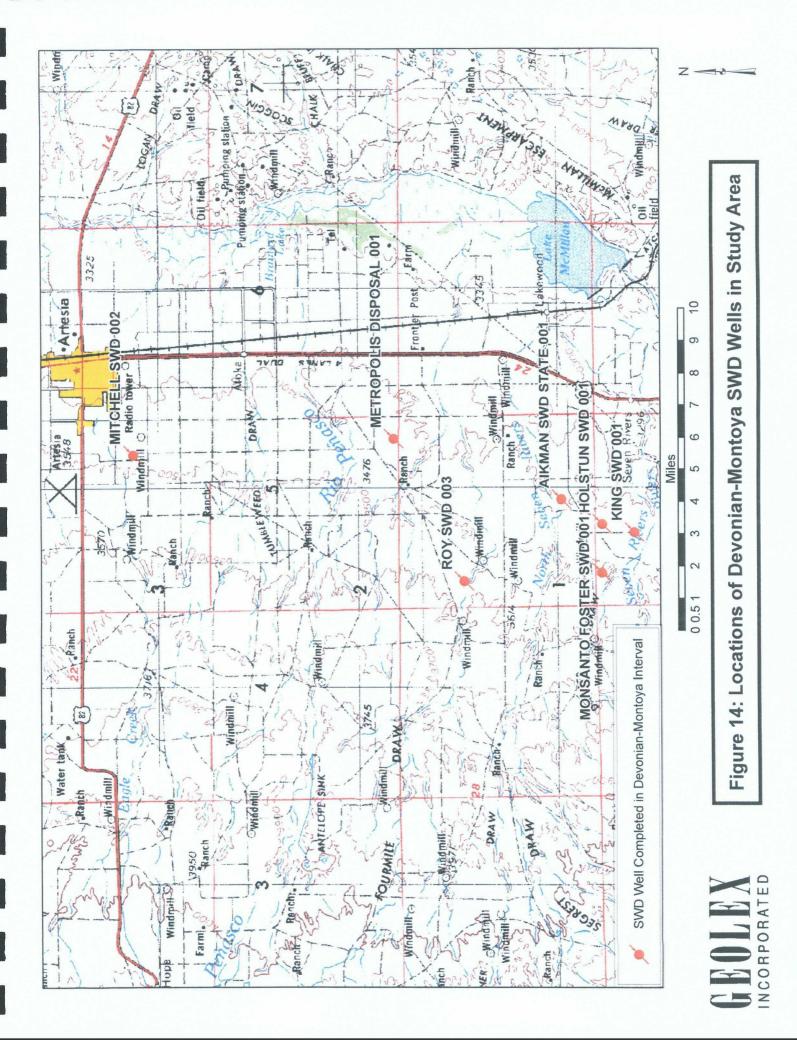
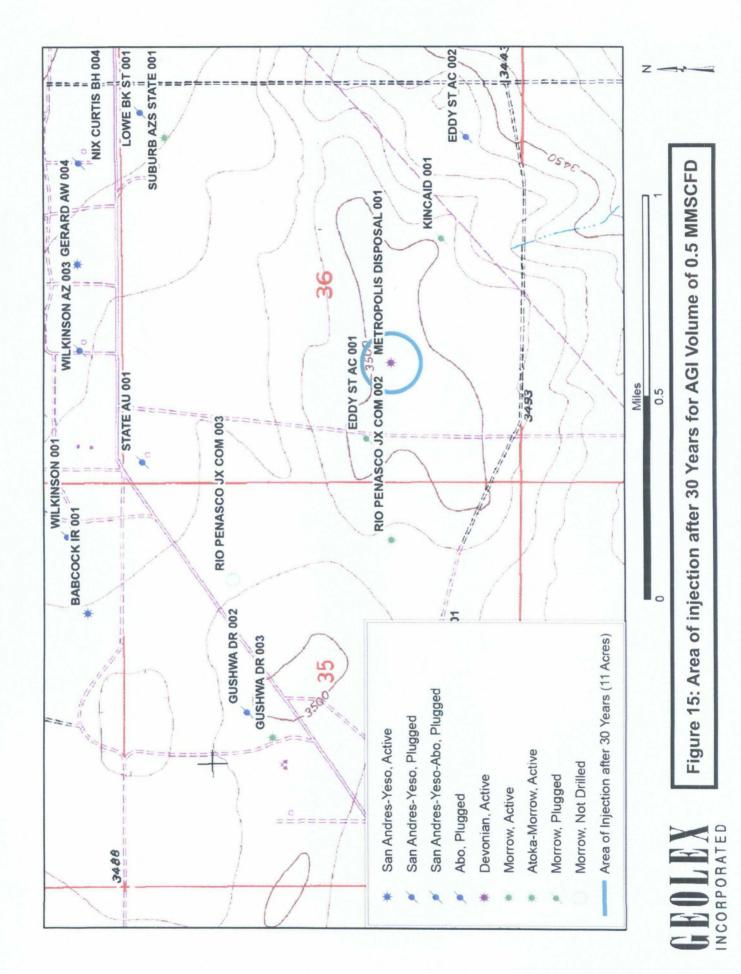
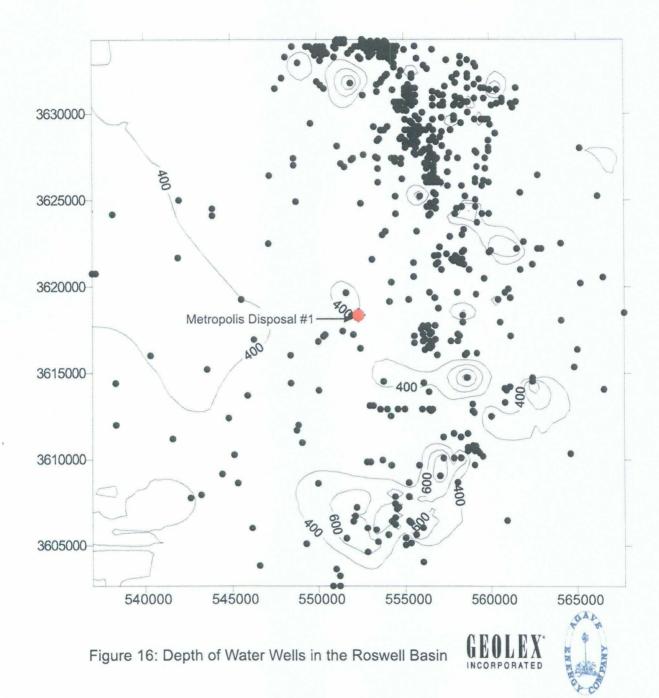
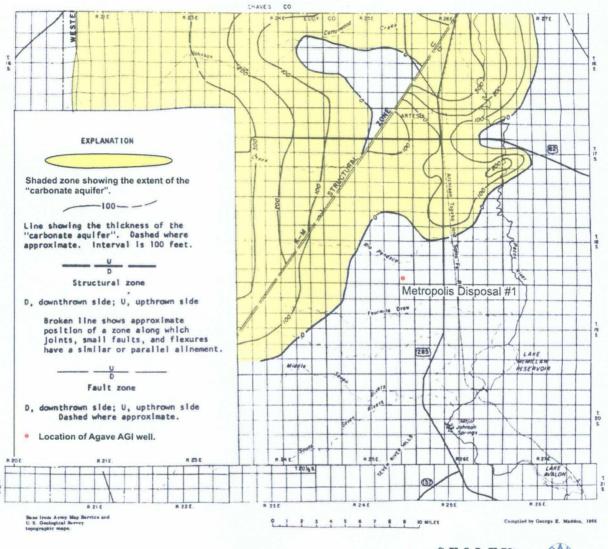


Figure 13: Monthly Average Injection Rates and Pipeline Pressures for Days of Injection at the Metropolis Disposal #1 Well, March 2006-July 2007









GEOLEX Incorporated



Figure 17: Thickness of the Freshwater Aquifer Hosted in Carbonate Rocks in the Roswell Basin (Modified from Maddox, 1969)

TABLES

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. . Table 1: Pressure and Volume Calculations for TAG, Agave Metropolis Disposal #1

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PROPOSED INJECTION STREAM CHARACTERISTICS

| TAG | inject rate | lb/day | 52341 |
|------------------|-------------|--------|-------|
| co ₂ | inject rate | lb/day | 23479 |
| H ₂ S | inject rate | lb/day | 28861 |
| CO ₂ | conc. | mol % | 38.31 |
| H ₂ S | conc. | mol % | 60.81 |
| TAG | Gas vol | MMSCFD | 0.5 |

CONDITIONS AT WELL HEAD

| Well Head | Nell Head Conditions | | | | 11 | TAG | | | |
|-------------------|-----------------------------|---------------------------|--|----------------------------------|----------------------|-----------------|---------|--------|--------|
| Temp | Pressure | Gas vol | Comp | Inject Rate Density ¹ | Density ¹ | SG ² | density | volume | volume |
| Ŀ | psi | MMSCFD | CO ₂ :H ₂ S | lb/day | kg/m ³ | | | ft³ | ldd |
| 100 | 1200 | 0.5 | 38:61 | 52341 | 737.05 | 0.74 | / 6.15 |) 1137 | 203 |
| CONDITIONS AT BOT | T BOTTOM OF WELL | ELL | | | | | | c it a | 0 |
| | Injectior | Injection Zone Conditions | su | | | | TAG | | |
| Temp | Pressure ³ | Depth _{top} | Depth _{top} Depth _{bottom} | MW ⁴ | Density ¹ | SG ² | density | volume | volume |

CONDITIONS IN RESERVOIR AT EQUILIBRIUM

168 ldd

942 ۳,

7.43 Ib/gat-

0.89

889.45 kg/m³

10500 ŧ

9927 ¥

4672 psi

100 ш

lb/gal 8.8 8

| | volume | bbl | 185 | |
|------------------------|-------------------------|-----------------|----------|--|
| | volume | ft ³ | 1039 | |
| TAG | density | Ipreal . | (9.74) | |
| | SG ² | | 0.81 | |
| | Density ¹ | kg/m³ | 806.78 | |
| | Porosity ⁶ | ft | 24 | |
| tions | Depth _{bottom} | ft | 10500 | |
| n Reservoir Conditions | Depth _{top} | ft | 6027 | |
| Injection R | Pressure ³ | psi | 4672 | |
| | Temp ⁵ | ÷ | 147 | |

CONSTANTS

| | SCF/mol | |
|----------------------------------|---------|--------|
| Molar volume at STD | 0.7915 | |
| | g/mol | lom/dl |
| Molar weight of H ₂ S | 34.0809 | 0.0751 |
| Molar weight of CO ₂ | 44.0096 | 0.0970 |
| Molar weight of H ₂ O | 18.015 | 0.0397 |

¹ Density calculated using AQUAlibrium software

² Specific gravity calculated assuming a constant density for water

³ PP = 0.433/8.33 * MW * Depthmid = 4672 psi

⁴ MW = drilling mud weight

 $^{\rm S}$ Reservoir temp. is bottom hole temperature from geophysical logs

 $^{\rm 6}$ Porosity is estimated using geophysical logs for Metropolis Disposal #1

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| CALCULATION OF MAXIMUM INJECTION PRESSURE LIMITATIC | RESSURE LIMITATIC |
|---|-------------------|
| SG _{TAG} | 0.74 |
| $PG = 0.2 + 0.433 (1.04 - SG_{TAG})$ | 0.331 psi/ft |
| IP_max = PG *Depth | 3288 psi |
| | |

Where: SG_{TAG} is specific gravity of TAG; PG is calculated pressure gradient; and IP_{max} is calculated maximum injection pressure.

CALCULATION OF 30 YEAR AREA OF INJECTION

L

| Cubic Feet/day (5.6146 ft ³ /bbl) | 1039 ft ³ /day |
|--|----------------------------------|
| Cubic Feet/30 years | 11381726 ft³/30 years |
| Area = V/Net Porosity (ft) | 474239 ft ² /30 years |
| Area = V/Net Porosity (ft) (43560 ft ² /aci | 10.9 acres/30 years |
| Radius = | 389 ft |
| | |

| | - | , | | | | | | | - | - | | | |
|--------------|----------------------------------|-------------------------|-----|-----|-----|---------------------------|-------|--------------|-------------------------|---------------------------|---------|------------------|----------------|
| API Num | Operator | Distance | Rng | Tsh | Sec | Sec Well Name | Type | Type Status | Injection | Injection Volume (bbl/yr) | | Depth | Injection |
| / | | (miles) | | | | | | | 2008 | 2009 | 2010 | (t) | Zone |
| V 3001531905 | 3001531905 Agave Energy Co | 00.0 | 25E | 18S | | 36 Metropolis Disposal #1 | AGi 🗸 | Active | 0 | 0 | 0 | 0 10500 | DevMontoya |
| 3001526562 | 3001526562 Yates Petroleum Corp | 4.93 | 25E | 19S | 7 | Roy SWD 003 | SWD (| Active (| 182502 | 65402 | 83943 | 11180 | DevEllenburger |
| 3001521045 | 3001521045 Nearburg Producing Co | 5.55 | 25E | 19S | 27 | Aikman SWD State 001 | SWD (| Active) | 779647 | 386721 | 155756 | 10520 | Devonian |
| 3001521141 | 3001521141 Nearburg Producing Co | 7.01 | 25E | 20S | 4 | Holstun SWD 001 | SWD | Active (| 7923 | 258723 | 302408 | 10600 | Devonian |
| 3001510340 | 3001510340 Yates Petroleum Corp | 7.70 | 25E | 20S | S | Monsanto Foster SWD 001 | SWD | Active (| 3456304 3407877 1259810 | 3407877 | 1259810 | 10641 | Devonian |
| 3001520257 | 3001520257 Yates Petroleum Corp | 8.03 | 25E | 20S | 6 | King SWD 001 | SWD | Active / | 1254086 1560587 | 1560587 | 880451 | 10555 | Devonian |
| 3001522242 | 3001522242 Yates Petroleum Corp | (8.09 ^{-/} 25E | 25E | 17S | 23 | 17S 23 Mitchell SWD 002 | Swb (| SWD (Active) | 54081 | 54081 63600 44232 | 44232 | 9500 | Devonian |
| | | | | | | | | | | | | | |

Table 2. Saltwater Disposal Wells Injecting into the Devonian - Montoya Sequence Within Ten Miles of Metropolis Disposal #1

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Table 3. Water Wells Within One Mile of Metropolis Disposal #1

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| MUN DO9 | Owner | Distance Rng Tsh (miles) | Rng | Tsh | Sec | Sec Diversion (acre ft/yr) | Use | Well Depth Water Depth Source (ft) (ft) | Water Dep (ft) | th Source | |
|----------|-----------------------|-----------------------------|-----|-------------|-----|-------------------------------|-----|--|-------------------|-----------|--|
| RA 03975 | Gulf Oil Corp | 0.24 | 25E | 185 | 36 | 0 | MOQ | 430 | 1 270 (| Artesian | |
| RA 07639 | Nearburg Producing Co | 0.72 | 25E | 19S | - | 0 | PRO | 260 | 172 | Shallow | |
| RA 04128 | E. T. Howell | 0.80 | 25E | 195 | 2 | m | STK | 211 | 100 | Shallow | |
| RA 05344 | Yates Petroleum Corp | 0.91 | 25E | 18 S | 26 | 0 | PRO | 455 | 200 | Shallow | |
| RA 05233 | Yates Petroleum Corp | 0.91 | 25E | 185 | 26 | 0 | PRO | N/A | N/A | Shallow | |

APPENDICES

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APPENDIX A

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Injection Records for Metropolis Disposal #1; Analysis of Injection Fluids; and Data on Reservoir and Freshwater Fluid

Injection Records for Metropolis Disposal #1, 2006-2007

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| Gas | MSCF | 32.50 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 00.39 | 93.31 | 12.06 | 16.42 | 72.72 | 59.08 | 76.88 | 105.02 | 117.20 | 01.92 | 0.00 | | 987.50 |
|-------|------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|-----------|---------|---------|---------|---------|---------|-----------|---------|---------|---------|
| Press | psig | 1180.00 | 762.01 | 962.09 | 1168.28 | | | | | | | 1169.14 | | | | 1169.26 | | | | | | • | | 1184.52 1 | | | | | | 1166.58 1 | 1161.94 | | 6 |
| Date | | 6/1/06 | 6/2/06 | 6/3/06 | 6/4/06 | 6/5/06 | 6/6/06 | 6/7/06 | 6/8/06 | 90/6/9 | 6/10/06 | 6/11/06 | 6/12/06 | 6/13/06 | 6/14/06 | 6/15/06 | 6/16/06 | 6/17/06 | 6/18/06 | 6/19/06 | 6/20/06 | 6/21/06 | 6/22/06 | 6/23/06 | 6/24/06 | 6/25/06 | 6/26/06 | 6/27/06 | 6/28/06 | 6/29/06 | 6/30/06 | | TOTAL |
| Gas | MSCF | 102.15 | 62.44 | 63.82 | 47.75 | 99.42 | 97.59 | 102.54 | 115.01 | 103.38 | 106.56 | 100.90 | 81.69 | 103.90 | 103.18 | 98.91 | 86.59 | 58.23 | 121.69 | 106.99 | 116.85 | 66.86 | 114.50 | 117.40 | 97.68 | 71.03 | 70.71 | 63.08 | 17.84 | 60.11 | 0.00 | 64.98 | 2623.78 |
| Press | psig | 1133.74 | 1132.15 | 1301.59 | 1282.06 | 1149.24 | 1146.55 | 1232.38 | 1146.43 | 1151.56 | 1148.63 | 1146.31 | 1144.97 | 1147.78 | 1185.13 | 1182.08 | 1143.63 | 1144.97 | 1195.26 | 1318.44 | 1200.51 | 1136.30 | 1136.06 | 1139.84 | 1130.68 | 1140.33 | 1137.40 | 1526.95 | 1630.10 | 1509.00 | 1181.96 | 1186.35 | |
| Date | | 5/1/06 | 5/2/06 | 5/3/06 | 5/4/06 | 5/5/06 | 5/6/06 | 5/7/06 | 5/8/06 | 5/9/06 | 5/10/06 | 5/11/06 | 5/12/06 | 5/13/06 | 5/14/06 | 5/15/06 | 5/16/06 | 5/17/06 | 5/18/06 | 5/19/06 | 5/20/06 | 5/21/06 | 5/22/06 | 5/23/06 | 5/24/06 | 5/25/06 | 5/26/06 | 5/27/06 | 5/28/06 | 5/29/06 | 5/30/06 | 5/31/06 | TOTAL |
| Gas | MSCF | 26.53 | 82.73 | 62.67 | 46.03 | 36.68 | 23.99 | 6.53 | 101.18 | 43.09 | 58.06 | 43.15 | 2.79 | 35.71 | 74.43 | 106.43 | 108.38 | 92.51 | 122.40 | 82.03 | 96.93 | 110.19 | 106.62 | 109.42 | 100.13 | 99.42 | 98.75 | 102.85 | 112.83 | 111.16 | 115.39 | | 2319.01 |
| Press | psig | 197.64 | 779.47 | 1143.63 | 1143.63 | 1159.37 | 1155.47 | 1151.80 | 1157.79 | 1156.44 | 1155.59 | 1191.48 | 1144.11 | 1145.70 | 1146.31 | 1155.95 | 1135.93 | 1140.45 | 1143.50 | 1131.42 | 1136.42 | 1161.33 | 1137.52 | 1140.86 | 1139.84 | 1136.54 | 1139.84 | 1148.87 | 1143.99 | 1137.64 | 1140.82 | | |
| Date | | 4/1/06 | 4/2/06 | 4/3/06 | 4/4/06 | 4/5/06 | 4/6/06 | 4/7/06 | 4/8/06 | 4/9/06 | 4/10/06 | 4/11/06 | 4/12/06 | 4/13/06 | 4/14/06 | 4/15/06 | 4/16/06 | 4/17/06 | 4/18/06 | 4/19/06 | 4/20/06 | 4/21/06 | 4/22/06 | 4/23/06 | 4/24/06 | 4/25/06 | 4/26/06 | 4/27/06 | 4/28/06 | 4/29/06 | 4/30/06 | | TOTAL |
| Gas | MSCF | 0.00 | 0.00 | 0.00 | 0.00 | 00.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 00.00 | 00.00 | 0.00 | 00.00 | 00.0 | 0.00 | 00.00 | 0.00 | 0.00 | 00.00 | 0.00 | 24.79 | 0.00 | 00'0 | 0.00 | 0.00 | 00.00 | 0.00 | 0.00 | 24.79 |
| Press | psig | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 00.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 00.0 | 0.00 | 0.00 | 0.37 | 0.49 | 0.49 | 0.49 | 1119.94 | 1.71 | 1143.50 | NDC | NDC | 839.16 | 839.16 | 1297.69 | 587.68 | 645.43 | 299.70 | |
| Date | | 3/1/06 | 3/2/06 | 3/3/06 | 3/4/06 | 3/5/06 | 3/6/06 | 3/7/06 | 3/8/06 | 3/9/06 | 3/10/06 | 3/11/06 | 3/12/06 | 3/13/06 | 3/14/06 | 3/15/06 | 3/16/06 | 3/17/06 | 3/18/06 | 3/19/06 | 3/20/06 | 3/21/06 | 3/22/06 | 3/23/06 | 3/24/06 | 3/25/06 | 3/26/06 | 3/27/06 | 3/28/06 | 3/29/06 | 3/30/06 | 3/31/06 | TOTAL |

Table A-1. Injection Records Metropolis Disposal #1, March 2006-February 2010

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Table A-1. (cont.)

| Date | Press | Gas | Date | Press | Gas | Date | Press | Gas | Date | Press | Gas |
|---------|---------|---------|---------|---------|---------|---------|---------|---------|----------|---------|---------|
| | psig | MSCF | | psig | MSCF | | psig | MSCF | | psig | MSCF |
| 7/1/06 | 1163.77 | 102.96 | 8/1/06 | 1181.10 | 55.65 | 9/1/06 | 1170.60 | 150.42 | 10/1/06 | 1133.49 | 174.51 |
| 7/2/06 | 1170.60 | 115.64 | 8/2/06 | 1187.25 | 127.70 | 9/2/06 | 1144.11 | 140.30 | 10/2/06 | 1133.86 | 151.60 |
| 7/3/06 | 1166.21 | 113.08 | 8/3/06 | 1192.82 | 146.97 | 9/3/06 | 1145.94 | 123.31 | 10/3/06 | 1133.86 | 138.35 |
| 7/4/06 | 1171.58 | 93.81 | 8/4/06 | 1174.39 | 146.80 | 9/4/06 | 1159.01 | 143.78 | 10/4/06 | 1155.83 | 157.79 |
| 7/5/06 | 1174.51 | 109.65 | 8/5/06 | 1169.63 | 135.34 | 9/2/6 | 1218.09 | 41.58 | 10/5/06 | 1133.37 | 160.79 |
| 7/6/06 | 1192.82 | 111.01 | 8/6/06 | 1187.70 | 133.58 | 9/9/6 | 122.14 | 75.36 | 10/6/06 | 1138.86 | 165.19 |
| 7/7/06 | 1198.47 | 161.76 | 8/7/06 | 1210.28 | 131.44 | 90/2/6 | 1115.30 | 105.23 | 10/7/06 | 1150.10 | 190.22 |
| 7/8/06 | 1169.38 | 165.24 | 8/8/06 | 1187.57 | 138.18 | 9/8/06 | 1151.68 | 64.62 | 10/8/06 | 1134.96 | 187.69 |
| 2/6/2 | 1174.14 | 157.11 | 8/9/06 | 1217.97 | 135.90 | 90/6/6 | 823.29 | 83.72 | 10/9/06 | 1135.81 | 190.32 |
| 7/10/06 | 1235.92 | 149.74 | 8/10/06 | 1141.18 | 130.33 | 9/10/06 | 1152.66 | 128.91 | 10/10/06 | 1140.21 | 185.20 |
| 7/11/06 | 1250.93 | 142.49 | 8/11/06 | 1160.35 | 40.43 | 9/11/06 | 1148.26 | 124.15 | 10/11/06 | 1138.50 | 175.70 |
| 7/12/06 | 1235.31 | 116.97 | 8/12/06 | 859.18 | 0.00 | 9/12/06 | 1117.38 | 133.89 | 10/12/06 | 1136.30 | 178.44 |
| 7/13/06 | 1223.59 | 146.77 | 8/13/06 | 815.11 | 67.42 | 9/13/06 | 1153.64 | 95.96 | 10/13/06 | 1135.08 | 188.80 |
| 7/14/06 | 1168.04 | 138.58 | 8/14/06 | 1158.15 | 111.29 | 9/14/06 | 1136.30 | 110.23 | 10/14/06 | 1135.08 | 176.82 |
| 7/15/06 | 1151.19 | 145.12 | 8/15/06 | 1183.42 | 149.81 | 9/15/06 | 1184.52 | 110.94 | 10/15/06 | 1136.42 | 179.32 |
| 7/16/06 | 1155.71 | 91.16 | 8/16/06 | 1156.20 | 145.07 | 9/16/06 | 1139.11 | 129.90 | 10/16/06 | 1136.54 | 179.19 |
| 7/17/06 | 1156.44 | 138.71 | 8/17/06 | 1149.36 | 106.88 | 9/11/06 | 1133.49 | 70.68 | 10/17/06 | 1135.20 | 142.87 |
| 7/18/06 | 1163.89 | 150.93 | 8/18/06 | 1148.75 | 110.31 | 9/18/06 | 1134.96 | 61.74 | 10/18/06 | 1133.74 | 127.83 |
| 7/19/06 | 1152.66 | 151.97 | 8/19/06 | 1148.26 | 0.00 | 9/19/06 | 1161.57 | 61.20 | 10/19/06 | 1136.06 | 109.22 |
| 7/20/06 | 1146.07 | 155.57 | 8/20/06 | 1148.87 | 113.56 | 9/20/06 | 1151.19 | 57.11 | 10/20/06 | 1149.12 | 104.22 |
| 7/21/06 | 1150.58 | 110.06 | 8/21/06 | 1151.19 | 92.77 | 9/21/06 | 1156.44 | 62.81 | 10/21/06 | 1167.31 | 126.52 |
| 7/22/06 | 1173.29 | 144.10 | 8/22/06 | 1154.12 | 107.98 | 9/22/06 | 1150.22 | 84.43 | 10/22/06 | 1142.53 | 123.55 |
| 7/23/06 | 1171.21 | 146.21 | 8/23/06 | 1172.31 | 99.71 | 9/23/06 | 1145.33 | 99.78 | 10/23/06 | 1140.08 | 122.79 |
| 7/24/06 | 1153.88 | 152.66 | 8/24/06 | 1169.75 | 99.56 | 9/24/06 | 1138.01 | 102.43 | 10/24/06 | 1160.84 | 123.22 |
| 7/25/06 | 1179.03 | 125.25 | 8/25/06 | 1143.50 | 91.64 | 9/25/06 | 1128.00 | 121.86 | 10/25/06 | 1141.06 | 124.58 |
| 7/26/06 | 1150.95 | 166.48 | 8/26/06 | 1144.24 | 101.92 | 9/26/06 | 1127.14 | 139.19 | 10/26/06 | 1137.77 | 98.80 |
| 7/27/06 | 1142.89 | 113.26 | 8/27/06 | 1145.70 | 60.66 | 9/27/06 | 1128.73 | 116.67 | 10/27/06 | 1375.69 | 127.37 |
| 7/28/06 | 1259.60 | 123.20 | 8/28/06 | 1145.46 | 93.06 | 9/28/06 | 1133.74 | 115.64 | 10/28/06 | 1142.65 | 119.98 |
| 7/29/06 | 1155.59 | 137.75 | 8/29/06 | 1155.83 | 96.96 | 9/29/06 | 1133.49 | 128.26 | 10/29/06 | 1136.30 | 126.44 |
| 7/30/06 | 1443.69 | 160.61 | 8/30/06 | 1144.97 | 126.87 | 90/08/6 | 1130.81 | 122.02 | 10/30/06 | 1145.21 | 141.83 |
| 7/31/06 | 1179.15 | 117.37 | 8/31/06 | 1154.49 | 94.35 | | | | 10/31/06 | 1137.52 | 123.72 |
| TOTAL | | 4155.22 | TOTAL | | 3230.57 | TOTAL | | 3106.12 | TOTAL | | 4622.87 |

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| Date | Drace | Gac | Date | Press | Gas | Date | Press | Gas | Date | Press | Gas |
|----------|---------|---------|----------|---------|---------|---------|---------|---------|---------|---------|---------|
| 5 | psig | MSCF | | psig | MSCF | | psig | MSCF | | psig | MSCF |
| 11/1/06 | 1138.62 | 160.03 | 12/1/06 | 0.00 | 0.00 | 1/1/07 | 1107.00 | 147.86 | 2/1/07 | 1651.35 | 73.51 |
| 11/2/06 | 1135.57 | 160.91 | 12/2/06 | 0.00 | 0.00 | 1/2/07 | 1104.93 | 154.51 | 2/2/07 | 1159.50 | 127.44 |
| 11/3/06 | 1135.69 | 164.56 | 12/3/06 | 0.00 | 0.00 | 1/3/07 | 1085.03 | 150.75 | 2/3/07 | 1629.49 | 88.98 |
| 11/4/06 | 1134.71 | 152.61 | 12/4/06 | 0.00 | 0.00 | 1/4/07 | 1113.47 | 149.63 | 2/4/07 | 1105.41 | 109.68 |
| 11/5/06 | 1131.17 | 153.03 | 12/5/06 | 0.00 | 00.00 | 1/5/07 | 1109.81 | 131.01 | 2/5/07 | 1119.94 | 100.27 |
| 11/6/06 | 1133.00 | 153.34 | 12/6/06 | 0.00 | 00.0 | 1/6/07 | 1109.57 | 129.08 | 2/6/07 | 1122.99 | 121.45 |
| 11/7/06 | 1132.15 | 153.03 | 12/7/06 | 0.00 | 0.00 | 1/7/07 | 1107.25 | 150.35 | 2/7/07 | 1104.44 | 133.19 |
| 11/8/06 | 1129.95 | 147.61 | 12/8/06 | 0.00 | 51.81 | 1/8/07 | 1110.05 | 135.57 | 2/8/07 | 1097.85 | 144.59 |
| 11/9/06 | 1132.76 | 131.34 | 12/9/06 | 872.00 | 137.80 | 1/9/07 | NDC | 141.75 | 2/9/07 | 1097.48 | 140.78 |
| 11/10/06 | 1128.37 | 142.24 | 12/10/06 | 0.00 | 145.63 | 1/10/07 | 120.56* | 141.22 | 2/10/07 | 1096.38 | 148.45 |
| 11/11/06 | 1128.85 | 143.46 | 12/11/06 | 00.0 | 121.88 | 1/11/07 | 1109.32 | 135.95 | 2/11/07 | 1098.82 | 155.81 |
| 11/12/06 | 1125.92 | 145.69 | 12/12/06 | 1117.01 | 3.66 | 1/12/07 | 1107.00 | 149.87 | 2/12/07 | 1107.37 | 148.55 |
| 11/13/06 | 1128.85 | 143.00 | 12/13/06 | NDC | 0.00 | 1/13/07 | 1112.50 | 137.38 | 2/13/07 | 1100.17 | 146.91 |
| 11/14/06 | 1133.61 | 134.50 | 12/14/06 | NDC | 0.00 | 1/14/07 | 1114.81 | 124.73 | 2/14/07 | 1101.39 | 131.50 |
| 11/15/06 | 1128.24 | 134.16 | 12/15/06 | 72.70 | 0.00 | 1/15/07 | 1114.45 | 129.73 | 2/15/07 | 1105.66 | 109.44 |
| 11/16/06 | 1129.59 | 140.85 | 12/16/06 | 1116.77 | 0.00 | 1/16/07 | 1115.67 | 114.96 | 2/16/07 | 1109.69 | 109.92 |
| 11/17/06 | 126.14* | 99.47 | 12/17/06 | 1116.77 | 0.00 | 1/17/07 | 1112.37 | 83.85 | 2/17/07 | 1102.00 | 59.19 |
| 11/18/06 | 1123.36 | 80.62 | 12/18/06 | 1116.89 | 00.0 | 1/18/07 | 1119.45 | 49.69 | 2/18/07 | 1100.41 | 61.13 |
| 11/19/06 | 1126.29 | 101.40 | 12/19/06 | 13.67* | 37.07 | 1/19/07 | 1113.35 | 103.93 | 2/19/07 | 1101.39 | 57.67 |
| 11/20/06 | 1124.70 | 104.94 | 12/20/06 | 1048.89 | 109.51 | 1/20/07 | 1094.31 | 113.34 | 2/20/07 | 1099.43 | 35.52 |
| 11/21/06 | 1121.16 | 105.83 | 12/21/06 | 1115.55 | 114.87 | 1/21/07 | 1114.69 | 115.72 | 2/21/07 | 1102.00 | 22.13 |
| 11/22/06 | 1122.75 | 105.35 | 12/22/06 | 1115.43 | 88.02 | 1/22/07 | 1115.79 | 100.06 | 2/22/07 | 1115.43 | 38.67 |
| 11/23/06 | 1122.38 | 100.68 | 12/23/06 | 1113.11 | 97.02 | 1/23/07 | 1109.32 | 100.49 | 2/23/07 | 1125.56 | 49.58 |
| 11/24/06 | 1122.87 | 107.14 | 12/24/06 | 1115.18 | 95.61 | 1/24/07 | 1045.84 | 94.27 | 2/24/07 | NDC | 63.63 |
| 11/25/06 | 1121.90 | 108.13 | 12/25/06 | 1109.08 | 116.42 | 1/25/07 | 1117.87 | 100.36 | 2/25/07 | NDC | 41.65 |
| 11/26/06 | 1115.43 | 108.05 | 12/26/06 | 1107.61 | 127.32 | 1/26/07 | 1108.34 | 117.10 | 2/26/07 | 1112.74 | 62.68 |
| 11/27/06 | 1120.80 | 107.36 | 12/27/06 | 1107.73 | 125.09 | 1/27/07 | 1107.61 | 121.68 | 2/27/07 | 1119.45 | 46.90 |
| 11/28/06 | 00.0 | 0.00 | 12/28/06 | 1043.64 | 124.92 | 1/28/07 | 1109.57 | 91.37 | 2/28/07 | 1107.25 | 48.80 |
| 11/29/06 | 00.0 | 00.0 | 12/29/06 | 1106.76 | 115.87 | 1/29/07 | 1155.47 | 108.70 | | | |
| 11/30/06 | 0.00 | 0.00 | 12/30/06 | 1111.64 | 125.47 | 1/30/07 | 1115.18 | 115.44 | | | |
| | | | 12/31/06 | 1107.61 | 121.89 | 1/31/07 | 80.09* | 79.66 | | | |
| TOTAL | | 3489.33 | TOTAL | | 1859.86 | TOTAL | | 3720.01 | TOTAL | | 2578.02 |
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|---|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|--------|
| 1104.68 100.70 4/1/07 1102.36 77.02 5/1/07 1123.36 6/1/07 1140.02 11105.45 101.48 4/3/07 1101.48 7.2.35 5/3/07 1117.30 6/3/07 1140.08 11105.65 102.42 4/5/07 1100.25 55.16 5/5/07 1117.34 6.5.25 6/3/07 1140.08 11105.66 102.42 4/5/07 11108.10 23.43 5/6/07 1113.93 6/4/07 1140.08 1105.16 102.11 4/5/07 11108.10 23.43 5/1/07 1130.23 5/1/07 1140.08 1099.16 4/1 1115.31 5/1/07 1130.93 5/1/07 1130.33 5/1/07 1140.23 1099.13 4/1 1113.23 5/1/107 1130.93 5/1/107 1130.93 5/1/107 1140.03 1100.23 81.31 4/11/07 1100.26 5/1/107 1130.93 5/1/107 1140.27 1100.23 81.30 4/14/07 1103.95 5/1/107 <th></th> <th>psig</th> <th>MSCF</th> <th></th> <th>psig</th> <th>MSCF</th> <th></th> <th>psig</th> <th>MSCF</th> <th></th> <th>psig</th> <th>MSCF</th> | | psig | MSCF | | psig | MSCF | | psig | MSCF | | psig | MSCF |
| 1105.54 114.56 $4/2/07$ 1101.87 7.2.55 $5/2/07$ 1131.30 40.94 1100.29 114.81 $6.2.76$ $6/3/07$ 1140.08 1105.56 102.42 $4/5/07$ 1102.56 $5/5/07$ 1114.81 $6.5.26$ $6/5/07$ 1130.08 1105.66 102.41 $4/6/07$ 1102.55 55.16 $5/5/07$ 1114.84 $6.5.26$ $6/5/07$ 1130.08 1105.66 102.41 $4/6/07$ 1118.501 2.2.33 $5/6/07$ 1113.293 $5/6/07$ 1130.03 1099.15 $4/5/07$ 1113.591 2.2.92 $5/7/07$ 1130.23 $6/5/07$ 1140.03 1099.16 $4/10/07$ 1138.60 714.07 1130.23 $5/10/07$ 1130.23 $6/10/07$ 1140.03 1190.25 81.06 $4/11/07$ 1130.70 1130.23 $5/12/07$ 1130.23 $6/12/07$ 1140.65 1190.25 81.06 $4/12/07$ 1130.23 $5/12/07$ 1132.35 $6/12/07$ | 3/1/07 | 1104.68 | 100.70 | 4/1/07 | 1102.36 | 77.02 | 5/1/07 | 1123.60 | 68.16 | 6/1/07 | 1140.21 | 0.00 |
| 1105.65 104.84 4/3/07 1102.56 5/3/07 1117.95 6/3/07 114.008 1105.65 102.8 4/4/07 1102.56 6/3 6/3/07 114.00 1105.66 102.17 4/6/07 1102.56 6/3 6/3/07 1140.08 1105.66 102.17 4/6/07 1102.50 5/3/07 114.81 6/3/07 1140.08 1105.66 102.17 4/6/07 1115.91 25.92 5/7/07 111.74 64.52 6/6/07 1140.03 1099.13 100.01 4/7/07 1118.60 12.30 5/8/07 111.29 2.561 6/7/07 1140.03 1099.13 87.01 4/10/07 1107.00 113.03 5/11/07 113.03 5/11/07 1140.33 1100.53 87.31 4/13/07 1093.55 5/14/07 113.03 5/11/07 1140.57 1100.53 87.33 4/13/07 1093.55 5/14/07 113.05 5/14/07 1140.57 1100.53 87.33 | 3/2/07 | 1105.54 | 114.60 | 4/2/07 | 1101.87 | 72.55 | 5/2/07 | 1131.30 | 40.94 | 6/2/07 | 1140.45 | 0.00 |
| 1105.05 105.88 4/4/07 1102.61 5/3/07 111.4 65.2.5 6/4/07 1140.08 1106.56 102.42 4/5/07 1102.36 5.5.16 5/5/07 1140.01 1106.56 102.42 4/5/07 1102.35 5.5.16 5/5/07 1140.01 1106.56 10.2 4/6/07 1145.91 2.8.3 5/5/07 1140.01 1009.13 100.01 4/7/07 1115.91 2.8.45 5/5/07 1140.02 1009.105 61.47 114.60 1141.60 1141.94 5.2.28 5/7/07 1140.03 1100.519 87.81 4/11/07 1009.92 5.1.2/07 1130.53 6/12/07 1140.63 1100.55 87.31 4/13/07 1009.95 5/12/07 1120.73 6/14/07 1140.75 1100.55 87.33 6/11.07 1130.33 5/12/07 1120.48 6/12/07 1140.75 1100.55 87.03 6/11.07 110.33 5/12/07 1121.74 6/12/07 | 3/3/07 | 1109.69 | 104.84 | 4/3/07 | 1100.29 | 72.34 | 5/3/07 | 1117.99 | 62.97 | 6/3/07 | 1140.08 | 0.00 |
| 1105.66 102.42 4/5/07 1102.36 55.16 5/5/07 1114.94 65.60 6/5/07 1139.96 10091.13 100011 4/707 1115.91 25.93 5/8/07 1111.74 64.52 6/5/07 1139.95 10091.13 10091.13 1000 4/8/07 1115.60 12.33 5/8/07 1113.05 6/5/07 1140.33 1009.105 86.16 4/10/07 1098.94 7.14 5/10/07 1130.55 0.000 6/9/07 1140.33 1100.23 87.01 4/11/07 1103.25 5/11/07 1130.55 0.000 6/9/07 1140.33 1100.53 87.30 4/11/07 1103.35 5/11/07 1120.13 6/11/07 1140.45 1100.55 87.30 4/12/07 1103.35 5/11/07 1123.16 6/11/07 1140.45 1100.55 87.30 1120.71 122.73 5/11/07 1123.16 6/11/07 1140.75 1100.55 87.30 1120.71 122.73 | 3/4/07 | 1105.05 | 105.88 | 4/4/07 | 1102.61 | 61.70 | 5/4/07 | 1114.81 | 65.25 | 6/4/07 | 1140.08 | 0.00 |
| 1106.64 92.17 $4/6/07$ 1108.10 28.43 $5/6/07$ 1117.74 64.52 $6/6/07$ 1140.02 1099.13 100001 $4/7/07$ 1115.91 25.92 $5/7/07$ 1117.99 22.61 $6/7/07$ 1140.03 1099.19 $6.1.42$ $4/8/07$ 1114.86 12.30 $5/8/07$ 1112.99 22.61 $6/7/07$ 1140.03 1099.19 $6.1.4$ $4/10/07$ 1018.39 $5/14/07$ 112.99 $5.7.78$ $6/10/07$ 1140.03 1100.29 87.81 $4/11/07$ 1107.00 22.73 $5/14/07$ 112.815 $5/14/07$ 1140.75 1100.155 87.09 $4/12/07$ 1099.55 50.80 $5/14/07$ 112.816 $6/10/07$ 1140.67 1100.773 87.09 $4/12/07$ 1099.55 $50.84/70$ 1140.70 1140.75 1100.773 87.20 $4/12/07$ 1099.55 $5/14/07$ 1125.67 $6/12/07$ 1140.75 11007.73 87 | 3/5/07 | 1105.66 | 102.42 | 4/5/07 | 1102.36 | 55.16 | 5/5/07 | 1114.94 | 65.60 | 6/5/07 | 1139.96 | 0.00 |
| 1091.13 100.01 4/7/07 1115.91 25.92 5/7/07 1117.99 22.61 6/7/07 1140.08 1089.67 61.42 4/8/07 1114.86 5.38/07 1130.55 6/9/07 1140.03 1099.06 72.81 4/9/07 1114.86 5.2.28 5/9/07 1130.95 6/11/07 1140.03 1100.053 88.106 4/12/07 1103.20 22.73 5/11/07 1130.35 6/13/07 1140.33 1100.153 88.106 4/12/07 1103.25 5/15/07 1120.67 94.16 6/13/07 1140.63 1100.175 88.703 4/15/07 1099.55 50.80 5/15/07 1120.75 94.14/07 1140.57 1100.175 87.03 4/13/07 1100.285 5/15/07 1120.75 94.14/07 1140.57 1100.175 87.03 4/15/07 1100.285 5/15/07 1120.76 94.14/07 1140.57 1100.155 87.12 1120.76 1130.76 1130.76 1140.57 | 3/6/07 | 1106.64 | 92.17 | 4/6/07 | 1108.10 | 28.43 | 5/6/07 | 1117.74 | 64.52 | 6/6/07 | 1140.21 | 0.00 |
| 1089.67 61.42 4/8/07 1118.60 12.30 5/8/07 1129.95 0.00 6/8/07 1140.03 1099.109 96.16 4/10/07 1098.94 7.14 5/10/07 1130.25 0.00 6/9/07 1140.03 1100.29 87.81 4/11/07 1107.00 2.273 5/11/07 1128.85 30.31 6/11/07 1140.03 1100.29 87.81 4/11/07 1103.25 5/13/07 1123.85 30.31 6/11/07 1140.45 1100.53 82.31 4/13/07 1099.55 50.80 5/13/07 1120.67 94.60 6/13/07 1140.45 1100.53 82.31 4/13/07 1009.55 50.80 5/13/07 1130.44 59.99 6/14/07 1140.57 1100.57 84.70 1097.50 54.32 5/13/07 1130.45 5/14/07 1140.57 1100.73 84.70 1102.56 54.31 5/13/07 1132.65 6/13/07 1140.57 1109.73 84.70 | 3/7/07 | 1091.13 | 100.01 | 4/7/07 | 1115.91 | 25.92 | 5/7/07 | 1117.99 | 22.61 | 6/7/07 | 1140.08 | 0.00 |
| 1094.06 72.81 4/9/07 1114.94 52.28 5/9/07 1130.55 0.00 6/9/07 1140.03 1109219 96.16 4/11/07 1039.34 7.14 5/11/07 1130.33 5/11/07 1140.33 1100.29 87.81 4/11/07 1107.00 22.73 5/11/07 1123.48 87.25 6/11/07 1140.45 1100.55 87.03 4/15/07 1093.55 50.80 5/14/07 1140.45 1100.75 87.03 4/15/07 1097.60 54.32 5/15/07 1130.44 5/14/07 1140.67 1100.75 87.03 4/15/07 1097.60 54.32 5/15/07 1130.44 5/14/07 1140.67 1100.75 84.79 4/15/07 1097.60 5/14/07 1132.65 6/13/07 1140.67 11007.15 87.05 6/13/07 1102.85 17.11 5/17/07 1120.76 1140.70 11095.28 29.14 4/13/07 1107.61 17.11 5/13/07 1140.77 | 3/8/07 | 1089.67 | 61.42 | 4/8/07 | 1118.60 | 12.30 | 5/8/07 | 1129.95 | 0.00 | 6/8/07 | 1140.33 | 0.00 |
| 1099.19 96.16 4/10/07 1098.94 7.14 5/10/07 1130.93 54.7 6/10/07 1140.33 1100.23 87.81 4/11/07 1107.00 22.73 5/11/07 1130.35 6/12/07 1140.33 1100.53 87.31 4/13/07 1039.55 5.0.80 5/14/07 1120.45 6/12/07 1140.57 1100.55 87.03 4/15/07 1039.55 5.0.80 5/14/07 1130.45 6/14/07 1140.57 1100.73 84.70 4/15/07 1097.60 54.32 5/14/07 1130.45 5/14/07 1140.57 1100.73 84.70 4/15/07 1102.85 17.11 5/17/07 1135.57 63.96 6/12/07 1140.57 1100.73 84.30 4/15/07 1107.45 5/14/07 1135.57 63.96 6/12/07 1140.57 1092.72 35.10 4/18/07 1107.61 17.45 5/14/07 1130.56 6/14/07 1140.57 1093.13 4/15/07 1107.61 | 3/9/07 | 1094.06 | 72.81 | 4/9/07 | 1114.94 | 52.28 | 5/9/07 | 1130.56 | 0.00 | 6/9/07 | 1140.08 | 0.00 |
| 1100.29 87.81 4/11/07 1107.00 22.73 5/11/07 1128.85 30.31 6/11/07 1140.33 1100.26 81.06 4/12/07 11137.33 51.66 5/12/07 1140.45 1100.53 81.06 4/12/07 11132.35 50.80 5/13/07 1140.45 1100.53 84.79 4/14/07 1103.25 50.80 5/14/07 1140.57 1100.77 84.79 4/15/07 1099.66 5/15/07 1130.46 5/14/07 1140.57 1100.77 84.70 4/15/07 1097.66 5/15/07 1130.44 5/15/07 1140.57 1100.77 84.20 4/15/07 1102.66 5/15/07 1130.45 6/15/07 1140.57 1092.72 35.10 4/18/07 1107.61 17.41 5/15/07 1132.66 6/14/07 1140.57 1093.72 35.10 4/18/07 1107.61 17.45 5/18/07 1132.66 6/14/07 1140.57 1093.73 4/12/07 1107.61 | 3/10/07 | 1099.19 | 96.16 | 4/10/07 | 1098.94 | 7.14 | 5/10/07 | 1130.93 | 54.78 | 6/10/07 | 1140.33 | 0.00 |
| 109.68 81.06 4/12/07 1113.23 51.66 5/12/07 112.05 87.25 6/12/07 1140.45 1100.53 82.31 4/13/07 1099.55 50.80 5/13/07 1120.67 94.60 6/13/07 1140.45 1100.53 84.73 4/15/07 1099.55 50.80 5/15/07 1130.67 94.60 6/13/07 1140.57 1101.75 87.03 4/15/07 1093.95 5/15/07 1132.65 6/14/07 1140.70 1107.73 84.20 4/15/07 1102.85 177.11 5/17/07 1132.65 6/13/07 1140.70 1095.28 29.14 4/17/07 1102.65 5/17/07 1132.65 6/13/07 1140.70 1095.28 47.10 4/1070 1102.65 5/17/07 1132.65 6/13/07 1140.70 1094.31 45.78 4/13/07 1107.61 1134.71 5/13/07 1140.45 1094.31 45.78 6/13/07 1107.12 25.31 5/13/07 1134.71 | 3/11/07 | 1100.29 | 87.81 | 4/11/07 | 1107.00 | 22.73 | 5/11/07 | 1128.85 | 30.31 | 6/11/07 | 1140.33 | 0.00 |
| 1100.53 82.31 $4/13/07$ 1099.55 50.80 $5/13/07$ 1120.67 94.60 $6/13/07$ 1140.45 1100.15 87.70 $4/14/07$ 1103.95 34.05 $5/14/07$ 1127.14 63.95 $6/14/07$ 1140.57 1101.75 87.03 $4/15/07$ 1009.66 54.32 $5/15/07$ 1130.44 59.99 $6/12/07$ 1140.57 1107.73 84.20 $4/16/07$ 1003.89 54.32 $5/16/07$ 1130.57 63.95 $6/14/07$ 1140.57 1107.73 84.20 $4/17/07$ 1102.85 17.11 $5/11/07$ 1130.57 63.96 $6/17/07$ 1140.57 1092.72 35.10 $4/17/07$ 1102.46 117.41 $5/19/07$ 1132.64 $4/17/07$ 1140.67 1092.72 35.10 $4/13/07$ 1102.46 $5/18/07$ 1132.57 $6/12/07$ 1140.67 1092.71 $4/72/07$ 1107.12 1107.12 $5/23/07$ 1134.71 $6/12$ | 3/12/07 | 1099.68 | 81.06 | 4/12/07 | 1113.23 | 51.66 | 5/12/07 | 1123.48 | 87.25 | 6/12/07 | 1140.45 | 0.00 |
| 1100.65 84.79 $4/14/07$ 1103.45 $5.14/07$ 1127.14 63.95 $6/14/07$ 1140.57 1101.75 87.03 $4/15/07$ 1039.66 54.32 $5/15/07$ 1130.44 59.99 $6/15/07$ 1140.57 1107.73 84.20 $4/15/07$ 1007.66 54.32 $5/15/07$ 1130.44 59.99 $6/17/07$ 1140.57 1095.28 29.14 $4/17/07$ 1102.85 17.11 $5/17/07$ 1135.67 63.36 $6/17/07$ 1140.57 1092.72 35.10 $4/19/07$ 1107.61 17.41 $5/19/07$ 1132.64 42.73 $6/19/07$ 1140.57 1094.31 $4/5.78$ $4/12/07$ 1107.25 40.88 $5/21/07$ 1132.66 $6/23/07$ 1140.67 1094.31 $4/5.78$ $4/21/07$ 1107.25 40.88 $5/21/07$ 1134.71 57.29 $6/12/07$ 1130.07 1099.43 $4/29/07$ 11107.12 27.69 $5/21/07$ 1134.71 | 3/13/07 | 1100.53 | 82.31 | 4/13/07 | 1099.55 | 50.80 | 5/13/07 | 1120.67 | 94.60 | 6/13/07 | 1140.45 | 0.00 |
| 1101.75 87.03 $4/15/07$ 1097.60 54.32 $5/15/07$ 1130.44 59.99 $6/15/07$ 1140.70 1107.73 84.20 $4/16/07$ 1098.94 54.69 $5/16/07$ 1135.57 63.398 $6/17/07$ 1140.57 1095.28 29.14 $4/17/07$ 1107.61 17.41 $5/17/07$ 1135.57 63.398 $6/17/07$ 1140.67 1092.72 35.10 $4/18/07$ 1107.61 17.41 $5/19/07$ 1132.64 42.73 $6/18/07$ 1140.94 1093.82 47.10 $4/20/07$ 1107.54 25.31 $5/20/07$ 1134.71 6.276 $6/20/07$ 1140.645 1094.31 45.78 $4/21/07$ 1107.25 40.88 $5/21/07$ 1134.71 $67.26/07$ 1110.64 1094.31 45.78 $4/21/07$ 1107.12 27.69 $5/23/07$ 1134.71 $57.26/07$ 1101.87 1097.36 39.52 $4/24/07$ 11107.12 27.69 $5/23/07$ 1134.71 $57.26/07$ 1101.87 1097.48 42.39 $4/25/07$ 11107.12 27.69 $5/23/07$ 1134.77 $6/26/07$ 1101.87 1097.48 42.39 $4/25/07$ 11107.12 27.69 $5/23/07$ 1134.71 $57.26/07$ 1101.87 1097.48 42.39 $4/25/07$ 11107.12 27.69 $5/23/07$ 1134.71 $57.26/07$ 1101.87 1097.48 42.39 $4/25/07$ 11107.12 27.69 $5/23/07$ 1134.71 | 3/14/07 | 1100.65 | 84.79 | 4/14/07 | 1103.95 | 34.05 | 5/14/07 | 1127.14 | 63.95 | 6/14/07 | 1140.57 | 0.00 |
| 1107.73 84.20 $4/16/07$ 1098.94 54.69 $5/16/07$ 1135.57 63.98 $6/16/07$ 1140.57 1095.28 29.14 $4/17/07$ 1107.61 17.45 $5/18/07$ 1132.64 42.73 $6/18/07$ 1140.57 1092.72 35.10 $4/18/07$ 1107.61 17.41 $5/19/07$ 1132.64 42.73 $6/18/07$ 1140.94 1093.82 47.10 $4/20/07$ 1105.54 25.31 $5/19/07$ 1131.65 43.73 $6/19/07$ 1140.97 1093.82 47.10 $4/20/07$ 1105.54 25.31 $5/20/07$ 1131.64 42.73 $6/19/07$ 1140.97 1094.31 45.78 $4/21/07$ 1107.12 27.69 $5/22/07$ 1134.71 57.29 $6/22/07$ 1100.87 1099.54 46.75 $4/22/07$ 1110.745 84.46 $5/22/07$ 1134.71 57.29 $6/22/07$ 1101.87 1097.48 $4/2.707$ 11107.12 27.69 $5/22/0$ | 3/15/07 | 1101.75 | 87.03 | 4/15/07 | 1097.60 | 54.32 | 5/15/07 | 1130.44 | 59.99 | 6/15/07 | 1140.70 | 0.00 |
| 1095.28 29.14 $4/17/07$ 1102.85 $17/107$ 1140.70 1092.72 35.10 $4/18/07$ 1107.61 17.45 $5/18/07$ 1132.64 42.73 $6/17/07$ 1140.70 1092.72 35.10 $4/18/07$ 1107.61 17.45 $5/18/07$ 1132.64 42.73 $6/18/07$ 1140.94 1094.18 34.34 $4/19/07$ 1105.54 25.31 $5/19/07$ 1134.71 62.276 $6/13/07$ 1140.94 1094.31 45.78 $4/21/07$ 1105.54 25.31 $5/20/07$ 1134.71 62.207 $6/19/07$ 1140.94 1094.51 $4/22/07$ 1110.54 18.44 $5/22/07$ 1134.71 57.29 $6/22/07$ 1102.84 1091.62 $41.37/07$ 1107.12 27.407 1134.71 57.29 $6/22/07$ 1101.87 1097.56 42.307 1107.12 27.567 1133.471 57.29 $6/22/07$ 1101.87 1097.48 $4/25/07$ | 3/16/07 | 1107.73 | 84.20 | 4/16/07 | 1098.94 | 54.69 | 5/16/07 | 1135.57 | 63.98 | 6/16/07 | 1140.57 | 0.00 |
| 1092.72 35.10 $4/18/07$ 1107.61 17.45 $5/18/07$ 1132.64 42.73 $6/18/07$ 1140.94 1094.18 34.34 $4/19/07$ 1103.10 17.41 $5/19/07$ 1129.59 60.27 $6/19/07$ 1141.06 1094.31 45.78 $4/12/07$ 1107.25 40.88 $5/21/07$ 1131.42 64.35 $6/20/07$ 1140.45 1094.31 45.78 $4/21/07$ 1107.25 40.88 $5/21/07$ 1134.71 62.26 $6/21/07$ 1130.07 1094.31 45.78 $4/22/07$ 1107.12 27.69 $5/23/07$ 1134.71 52.26 $6/22/07$ 1102.48 1091.62 41.39 $4/22/07$ 1107.12 27.69 $5/23/07$ 1133.68 64.54 $6/22/07$ 1101.87 1097.36 39.52 $4/24/07$ 1110.72 27.69 $5/23/07$ 1133.68 $6/22/07$ 1101.87 1097.48 42.49 $4/25/07$ 1107.12 27.69 $5/23/07$ 1133.68 $6/22/07$ 1101.87 1097.48 42.49 $47.26/07$ 1112.56 42.40 $5/23/07$ 1133.78 $6/27/07$ 1101.87 1095.74 42.49 47.407 11112.55 42.740 $5/22/07$ 1133.78 $6/27/07$ 1101.87 1095.65 43.49 47.407 1112.55 42.407 1131.75 $6/29/07$ 1101.87 1095.66 43.49 $5/26/07$ 1132.18 $5/29/07$ 1133.215 $6/27$ | 3/17/07 | 1095.28 | 29.14 | 4/17/07 | 1102.85 | 17.11 | 5/17/07 | 1126.05 | 43.30 | 6/11/07 | 1140.70 | 0.00 |
| 1094.18 34.34 4/19/07 1103.10 17.41 5/19/07 1129.59 60.27 6/19/07 1141.06 1093.82 47.10 4/20/07 1105.54 25.31 5/20/07 1131.42 64.35 6/20/07 1140.45 1094.31 45.78 4/21/07 1107.12 27.69 5/23/07 1134.71 62.26 6/21/07 1130.07 1099.54 46.75 4/22/07 1110.54 18.44 5/22/07 1130.68 64.54 6/22/07 1102.48 1091.62 41.39 4/25/07 1107.12 27.69 5/23/07 1133.71 65.26 6/21/07 1101.87 1097.36 39.52 4/24/07 1112.50 32.18 5/24/07 1133.77 64.36 6/22/07 1101.87 1097.36 42.49 4/25/07 1112.50 32.18 5/24/07 1133.71 64.36 6/22/07 1101.87 1095.75 42.40 1112.50 32.18 5/24/07 1133.71 64.30 6/22/07 1101.87 1095.75 43.26/07 11112.55 42.40 5/ | 3/18/07 | 1092.72 | 35.10 | 4/18/07 | 1107.61 | 17.45 | 5/18/07 | 1132.64 | 42.73 | 6/18/07 | 1140.94 | 0.00 |
| 1093.82 47.10 4/20/07 1105.54 25.31 5/20/07 1131.42 64.35 6/20/07 1140.45 1094.31 45.78 4/21/07 1107.12 27.69 5/21/07 1134.71 62.26 6/21/07 1130.07 1094.31 45.78 4/21/07 1107.12 27.69 5/23/07 1134.71 62.26 6/21/07 1102.48 1091.62 41.39 4/23/07 1107.12 27.69 5/23/07 1134.71 57.29 6/23/07 1101.87 1091.62 41.39 4/25/07 1110.712 27.69 5/24/07 1133.71 64.26 6/24/07 1101.87 1097.48 42.30 1112.50 32.18 5/24/07 1133.71 64.29 6/24/07 1101.87 1095.40 42.49 4/25/07 1112.56 32.18 5/24/07 1133.71 64.29 6/24/07 1101.87 1095.40 42.49 4/26/07 1112.47 42.30 1133.71 64.30 6/26/07 1141.06 1096.51 43.40 1113.77 64.30 5/26/07 1133. | 3/19/07 | 1094.18 | 34.34 | 4/19/07 | 1103.10 | 17.41 | 5/19/07 | 1129.59 | 60.27 | 6/19/07 | 1141.06 | 0.00 |
| 1094.31 45.78 4/21/07 1107.25 40.88 5/21/07 1134.71 62.26 6/21/07 1130.07 1089.54 46.75 4/22/07 1110.54 18.44 5/22/07 1130.68 64.54 6/22/07 1103.48 1091.62 41.39 4/23/07 1107.12 27.69 5/23/07 1133.71 57.29 6/23/07 1101.87 1091.62 41.39 4/25/07 1110.78 32.18 5/24/07 1133.300 66.87 6/24/07 1101.87 1097.36 39.52 4/24/07 1112.50 32.18 5/24/07 1133.300 66.87 6/24/07 1101.87 1095.40 42.49 4/25/07 1112.50 32.18 5/26/07 1133.300 66.87 6/24/07 1101.87 1095.40 42.49 4/26/07 1112.47 42.30 5/26/07 1133.31 64.30 6/26/07 1141.06 1096.55 43.18 4/26/07 1113.47 42.30 5/26/07 1133.38 60.30 6/26/07 1141.06 1096.65 43.31.8 4/26/07 <td< td=""><td>3/20/07</td><td>1093.82</td><td>47.10</td><td>4/20/07</td><td>1105.54</td><td>25.31</td><td>5/20/07</td><td>1131,42</td><td>64.35</td><td>6/20/07</td><td>1140.45</td><td>0.00</td></td<> | 3/20/07 | 1093.82 | 47.10 | 4/20/07 | 1105.54 | 25.31 | 5/20/07 | 1131,42 | 64.35 | 6/20/07 | 1140.45 | 0.00 |
| 1089.54 46.75 4/22/07 1110.54 18.44 5/22/07 1130.68 64.54 6/22/07 1102.48 1091.62 41.39 4/23/07 1107.12 27.69 5/23/07 1134.71 57.29 6/23/07 1101.87 1097.36 39.52 4/24/07 1112.50 32.18 5/24/07 1133.00 66.87 6/24/07 1101.87 1097.48 42.99 4/25/07 1107.86 40.44 5/25/07 1133.20 66.87 6/24/07 1101.87 1095.40 42.49 4/26/07 1113.47 42.30 5/26/07 1132.88 67.77 64.90 6/26/07 1101.75 1095.40 42.49 4/26/07 1113.47 42.30 5/26/07 1132.88 67.77 64.20 1141.06 1095.43 4123/07 1112.25 46.67 5/27/07 1132.18 5 | 3/21/07 | 1094.31 | 45.78 | 4/21/07 | 1107.25 | 40.88 | 5/21/07 | 1134.71 | 62.26 | 6/21/07 | 1130.07 | 34.68 |
| 1091.62 41.39 4/23/07 1107.12 27.69 5/23/07 1134.71 57.29 6/23/07 1101.87 1097.36 39.52 4/24/07 1112.50 32.18 5/24/07 1133.00 66.87 6/23/07 1101.87 1097.48 42.99 4/25/07 1107.86 40.44 5/25/07 1132.88 67.77 6/25/07 1101.87 1095.40 42.49 4/26/07 1113.47 42.30 5/26/07 1137.77 64.90 6/26/07 1141.06 1095.40 42.49 4/26/07 1112.25 45.40 5/26/07 1137.77 64.90 6/26/07 1131.65 1095.63 37.59 4/28/07 1112.25 45.40 5/28/07 1132.18 61.70 6/28/07 1135.19 1096.63 37.59 4/28/07 1115.55 42.40 5/28/07 1132.15 63.77 6/29/07 1135.19 1095.64 36.04 4/28/07 1110.79 37.52 5/29/07 1132.15 63.77 | 3/22/07 | 1089.54 | 46.75 | 4/22/07 | 1110.54 | 18.44 | 5/22/07 | 1130.68 | 64.54 | 6/22/07 | 1102.48 | 1.34 |
| 1097.36 39.52 4/24/07 1112.50 32.18 5/24/07 1133.00 66.87 6/24/07 1101.87 1097.48 42.99 4/25/07 1107.86 40.44 5/25/07 1132.28 67.77 6/25/07 1101.75 1095.40 42.49 4/26/07 1113.47 42.30 5/26/07 1137.77 64.90 6/26/07 1141.06 1096.75 43.18 4/27/07 1112.25 46.67 5/27/07 1133.36 61.70 6/26/07 1135.81 1096.75 43.18 4/27/07 1112.25 42.40 5/27/07 1133.36 61.70 6/28/07 1135.81 1096.75 43.18 4/27/07 1115.55 42.40 5/27/07 1133.36 61.70 6/28/07 1135.81 1096.63 37.59 4/28/07 1115.55 42.40 5/29/07 1132.15 63.77 6/29/07 1135.39 1056.63 36.20 4/29/07 1110.79 37.52 5/29/07 1132.15 63.77 6/29/07 1138.23 1058.94 36.20 4/29/07 1123 | 3/23/07 | 1091.62 | 41.39 | 4/23/07 | 1107.12 | 27.69 | 5/23/07 | 1134.71 | 57.29 | 6/23/07 | 1101.87 | 3.23 |
| 1097,48 42.99 4/25/07 1107.86 40.44 5/25/07 1132.88 67.77 6/25/07 1101.75 1095,40 42.49 4/26/07 1113.47 42.30 5/26/07 1137.77 64.90 6/26/07 1141.06 1096.75 43.18 4/27/07 1112.25 46.67 5/27/07 1133.86 60.90 6/26/07 1141.06 1096.63 37.59 4/28/07 1115.55 42.40 5/28/07 1133.86 60.90 6/27/07 1135.81 1096.63 37.59 4/29/07 1115.55 42.40 5/28/07 1132.15 63.77 6/29/07 1118.23 1096.63 37.50 1110.79 37.52 5/29/07 1132.15 63.77 6/29/07 1118.23 1098.94 36.20 4/29/07 1123.12 35.41 5/30/07 1132.15 63.37 6/29/07 1118.23 1098.94 36.20 4/30/07 1123.12 35.30/07 1132.64 46.46 6/30/07 1120.43 <td>3/24/07</td> <td>1097.36</td> <td>39.52</td> <td>4/24/07</td> <td>1112.50</td> <td>32.18</td> <td>5/24/07</td> <td>1133.00</td> <td>66.87</td> <td>6/24/07</td> <td>1101.87</td> <td>0.00</td> | 3/24/07 | 1097.36 | 39.52 | 4/24/07 | 1112.50 | 32.18 | 5/24/07 | 1133.00 | 66.87 | 6/24/07 | 1101.87 | 0.00 |
| 1095.40 42.49 4/26/07 1113.47 42.30 5/26/07 1137.77 64.90 6/26/07 1141.06 1096.75 43.18 4/27/07 1112.25 46.67 5/27/07 1133.86 60.90 6/27/07 1135.81 1096.63 37.59 4/28/07 1115.55 42.40 5/28/07 1130.93 61.70 6/28/07 1125.19 1105.54 36.04 4/29/07 1110.79 37.52 5/29/07 1132.15 63.77 6/29/07 1118.23 1098.94 36.20 4/30/07 1123.12 35.41 5/30/07 1132.15 63.77 6/29/07 1118.23 1098.94 36.20 4/30/07 1123.12 35.41 5/30/07 1132.64 46.46 6/30/07 1120.43 1107.25 39.31 TOTAL 1174.30 TOTAL 107AL 107AL 107AL 107AL | 3/25/07 | 1097.48 | 42.99 | 4/25/07 | 1107.86 | 40.44 | 5/25/07 | 1132.88 | 67.77 | 6/25/07 | 1101.75 | 19.63 |
| 1096.75 43.18 4/27/07 1112.25 46.67 5/27/07 1133.86 60.90 6/27/07 1135.81 1096.63 37.59 4/28/07 1115.55 42.40 5/28/07 1130.93 61.70 6/28/07 1125.19 1105.54 36.04 4/29/07 1110.79 37.52 5/29/07 1132.15 63.77 6/29/07 1118.23 1098.94 36.20 4/29/07 1123.12 35.41 5/30/07 1132.15 63.77 6/30/07 1118.23 1098.94 36.20 4/30/07 1123.12 35.41 5/30/07 1132.64 46.46 6/30/07 1120.43 1107.25 39.31 107AL 1174.30 707AL 1032 120.32 | 3/26/07 | 1095.40 | 42.49 | 4/26/07 | 1113.47 | 42.30 | 5/26/07 | 1137.77 | 64.90 | 6/26/07 | 1141.06 | 51.16 |
| 1096.63 37.59 4/28/07 1115.55 42.40 5/28/07 1130.93 61.70 6/28/07 1125.19 1105.54 36.04 4/29/07 1110.79 37.52 5/29/07 1132.15 63.77 6/29/07 1118.23 1098.94 36.20 4/30/07 1123.12 35.41 5/30/07 1132.64 46.46 6/30/07 1120.43 1098.94 36.20 4/30/07 1123.12 35.41 5/30/07 1132.64 46.46 6/30/07 1120.43 1107.25 39.31 TOTAL 1174.30 TOTAL 107AL 1032 | 3/27/07 | 1096.75 | 43.18 | 4/27/07 | 1112.25 | 46.67 | 5/27/07 | 1133.86 | 60.90 | 6/27/07 | 1135.81 | 106.78 |
| 1105.54 36.04 4/29/07 1110.79 37.52 5/29/07 1132.15 63.77 6/29/07 1118.23 1098.94 36.20 4/30/07 1123.12 35.41 5/30/07 1132.64 46.46 6/30/07 1120.43 1107.25 39.31 5/31/07 1138.50 10.32 120.43 2055.13 TOTAL 1174.30 TOTAL 107AL 1682.34 TOTAL | 3/28/07 | 1096.63 | 37.59 | 4/28/07 | 1115.55 | 42.40 | 5/28/07 | 1130.93 | 61.70 | 6/28/07 | 1125.19 | 138.99 |
| 1098.94 36.20 4/30/07 1123.12 35.41 5/30/07 1132.64 46.46 6/30/07 1120.43 1107.25 39.31 5/31/07 1138.50 10.32 2055.13 TOTAL 1174.30 TOTAL 107.21 10.32 7074 1120.43 | 3/29/07 | 1105.54 | 36.04 | 4/29/07 | 1110.79 | 37.52 | 5/29/07 | 1132.15 | 63.77 | 6/29/07 | 1118.23 | 133.56 |
| 1107.25 39.31 5/31/07 1138.50 10.32 2055.13 TOTAL 1174.30 TOTAL 1682.34 TOTAL | 3/30/07 | 1098.94 | 36.20 | 4/30/07 | 1123.12 | 35.41 | 5/30/07 | 1132.64 | 46.46 | 6/30/07 | 1120.43 | 121.26 |
| 2055.13 TOTAL 1174.30 TOTAL 1682.34 TOTAL | 3/31/07 | 1107.25 | 39.31 | | | | 5/31/07 | 1138.50 | 10.32 | | | |
| | TOTAL | | 2055.13 | TOTAL | | 1174.30 | TOTAL | | 1682.34 | TOTAL | | 610.63 |

Table A-1. (cont.)

| Date | Press | Gas | Date | Press | Gas | Date | Press | Gas | Date | Press | Gas |
|---------|---------|--------|---------|---------|-------|---------|---------|-------|------------|-------|-------|
| | psig | MSCF | | psig | MSCF | | psig | MSCF | | psig | MSCF |
| 7/1/07 | 1123.60 | 115.12 | 8/1/07 | 1124.82 | 00.0 | 9/1/07 | 1397.42 | 00.0 | 10/1/01 | 1.59 | 0.00 |
| 7/2/07 | 1128.49 | 130.70 | 8/2/07 | 1123.48 | 0.00 | 9/2/07 | 1393.64 | 0.00 | 10/2/07 | 1.59 | 0.00 |
| 7/3/07 | 1126.05 | 129.28 | 8/3/07 | 1123.60 | 0.00 | 9/3/07 | 1389.00 | 00.00 | 10/3/07 | 1.59 | 0.00 |
| 7/4/07 | 1125.19 | 135.11 | 8/4/07 | 1124.46 | 0.00 | 9/4/07 | 1384.48 | 00.00 | 10/4/07 | 1.71 | 0.00 |
| 7/5/07 | 1126.05 | 101.15 | 8/5/07 | 1124.70 | 0.00 | 9/5/07 | 1379.97 | 0.00 | 10/5/07 | 0.85 | 0.00 |
| 7/6/07 | 1125.07 | 00.0 | 8/6/07 | 1124.46 | 0.00 | 6/0/2 | 1375.94 | 0.00 | 10/6/07 | 1.59 | 0.00 |
| 70/1/1 | 1122.63 | 00.0 | 8/7/07 | 1124.58 | 0.00 | 70/1/6 | 1371.42 | 00.00 | 10/7/01 | 1.59 | 0.00 |
| 7/8/07 | 1122.38 | 00.00 | 8/8/07 | 1124.95 | 0.00 | 9/8/07 | 1366.91 | 0.00 | 10/8/07 | 0.85 | 0.00 |
| 70/6/1 | 1122.63 | 00.00 | 8/9/07 | 1123.73 | 0.00 | 70/6/6 | 1363.00 | 0.00 | 10/9/01 | 1.71 | 00.00 |
| 7/10/07 | 1122.51 | 00.00 | 8/10/07 | 1123.60 | 0.00 | 9/10/07 | 1358.48 | 00.00 | 10/10/07 | 1.59 | 0.00 |
| 7/11/07 | 1122.26 | 0.00 | 8/11/07 | 1123.48 | 0.00 | 9/11/07 | 1353.84 | 0.00 | 10/11/07 | 1.59 | 0.00 |
| 7/12/07 | 1121.04 | 0.00 | 8/12/07 | 1123.48 | 0.00 | 9/12/07 | 1349.08 | 0.00 | 10/12/07 | NDC | 0.00 |
| 7/13/07 | 1122.26 | 0.00 | 8/13/07 | 1123.73 | 00.0 | 9/13/07 | 1343.71 | 00.0 | 10/13/07 | NDC | 0.00 |
| 7/14/07 | 1122.51 | 0.00 | 8/14/07 | 1123.48 | 0.00 | 9/14/07 | 1338.46 | 0.00 | 10/14/07 | NDC | 0.00 |
| 7/15/07 | 1122.87 | 0.00 | 8/15/07 | 1123.60 | 00.0 | 9/15/07 | 1333.33 | 00.0 | 10/15/07 | 2.08 | 00.0 |
| 7/16/07 | 1122.99 | 0.00 | 8/16/07 | 1123.60 | 00.0 | 9/16/07 | 1327.96 | 00.00 | . 10/16/07 | 1.71 | 0.00 |
| 7/11/07 | 1122.75 | 0.00 | 8/17/07 | 1123.48 | 00.00 | 9/17/07 | 1322.84 | 0.00 | 10/11/07 | 1.83 | 00.00 |
| 7/18/07 | 1122.75 | 0.00 | 8/18/07 | 1123.73 | 0.00 | 9/18/07 | 1317.83 | 00.00 | 10/18/07 | 1.83 | 0.00 |
| 7/19/07 | 1122.99 | 0.00 | 8/19/07 | 1124.70 | 0.00 | 9/19/07 | 1312.46 | 0.00 | 10/19/07 | 1.59 | 00.00 |
| 7/20/07 | 1122.75 | 0.00 | 8/20/07 | 1125.07 | 0.00 | 9/20/07 | 399.80 | 0.00 | 10/20/07 | 1.59 | 00.0 |
| 7/21/07 | 1123.36 | 0.00 | 8/21/07 | 1124.46 | 0.00 | 9/21/07 | 5.01 | 0.00 | 10/21/07 | 0.85 | 0.00 |
| 7/22/07 | 1123.12 | 0.00 | 8/22/07 | 1123.48 | 0.00 | 9/22/07 | 3.17 | 00.00 | 10/22/07 | 1.59 | 0.00 |
| 7/23/07 | 1123.36 | 0.00 | 8/23/07 | 1433.32 | 0.00 | 9/23/07 | 2.56 | 00.00 | 10/23/07 | 1.83 | 0.00 |
| 7/24/07 | 1123.24 | 00.00 | 8/24/07 | 1430.02 | 0.00 | 9/24/07 | 2.44 | 00.00 | 10/24/07 | 1.71 | 0.00 |
| 7/25/07 | 1123.73 | 0.00 | 8/25/07 | 1426.11 | 0.00 | 9/25/07 | 2.08 | 0.00 | 10/25/07 | 1.59 | 0.00 |
| 7/26/07 | 1124.46 | 0.00 | 8/26/07 | 1422.57 | 0.00 | 9/26/07 | 1.83 | 0.00 | 10/26/07 | 0.85 | 00.00 |
| 7/27/07 | 1123.48 | 0.00 | 8/27/07 | 1418.06 | 0.00 | 9/27/07 | 1.95 | 0.00 | 10/27/07 | 1.59 | 0.00 |
| 7/28/07 | 1124.58 | 00.00 | 8/28/07 | 1413.29 | 0.00 | 9/28/07 | 1.83 | 00.00 | 10/28/07 | 0.73 | 0.00 |
| 7/29/07 | 1124.82 | 00.00 | 8/29/07 | 1409.14 | 0.00 | 9/29/07 | . 1.59 | 0.00 | 10/29/07 | 1.83 | 0.00 |
| 7/30/07 | 1123.48 | 0.00 | 8/30/07 | 1404.99 | 0.00 | 9/30/07 | 1.83 | 0.00 | 10/30/07 | 1.71 | 0.00 |
| 7/31/07 | 1124.58 | 0.00 | 8/31/07 | 1399.87 | 0.00 | | | | 10/31/07 | 1.59 | 0.00 |
| TOTAL | | 611.36 | TOTAL | | 00.0 | TOTAL | | 00.00 | TOTAL | | 0.00 |

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|-------|------|---------|---------|---------|---------|---------|---------|---------|---------|---------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|-------|
| Gas | MSCF | 0.00 | 00.00 | 00.00 | 0.00 | 0.00 | 00.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 00.0 | 00.00 | 00.0 | 00.0 | 0.00 | 00.00 | 0.00 | 00.00 | 0.00 | 00.00 | 0.00 | 00.00 | 00.00 | 0.00 | 0.00 | 0.00 | 0.00 | | | 0.00 |
| Press | psig | 2.08 | 2.08 | 2.20 | 2.08 | 2.08 | 2.08 | 1.95 | 2.08 | 2.08 | 1.95 | 2.08 | 2.08 | 1.95 | 2.08 | 1.95 | 1.95 | 2.08 | 1.95 | 1.95 | NDC | 2.44 | 2.08 | 1.95 | | | |
| Date | | 2/1/08 | 2/2/08 | 2/3/08 | 2/4/08 | 2/5/08 | 2/6/08 | 2/7/08 | 2/8/08 | 2/9/08 | 2/10/08 | 2/11/08 | 2/12/08 | 2/13/08 | 2/14/08 | 2/15/08 | 2/16/08 | 2/17/08 | 2/18/08 | 2/19/08 | 2/20/08 | 2/21/08 | 2/22/08 | 2/23/08 | 2/24/08 | 2/25/08 | 2/26/08 | 2/27/08 | 2/28/08 | 2/29/08 | | | TOTAL |
| Gas | MSCF | 00.0 | 00.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 00.0 | 00.0 | 0.00 | 0.00 | 00.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 00.00 | 00.00 | 0.00 | 00.0 | 00.00 | 0.00 | 0.00 | 0.00 |
| Press | psig | 1.95 | 2.08 | 2.08 | 2.20 | 2.08 | 2.08 | 2.08 | 1.95 | 1.95 | 2.20 | 2.08 | 2.08 | 2.08 | 2.08 | 1.95 | 2.08 | 1.95 | 2.20 | 2.08 | 1.95 | 2.08 | 2.08 | 2.08 | 1.95 | 2.08 | 1.95 | 2.08 | 2.08 | 2.08 | 2.08 | 2.08 | |
| Date | × | 1/1/08 | 1/2/08 | 1/3/08 | 1/4/08 | 1/5/08 | 1/6/08 | 1/7/08 | 1/8/08 | 1/9/08 | 1/10/08 | 1/11/08 | 1/12/08 | 1/13/08 | 1/14/08 | 1/15/08 | 1/16/08 | 1/17/08 | 1/18/08 | 1/19/08 | 1/20/08 | 1/21/08 | 1/22/08 | 1/23/08 | 1/24/08 | 1/25/08 | 1/26/08 | 1/27/08 | 1/28/08 | 1/29/08 | 1/30/08 | 1/31/08 | TOTAL |
| Gas | MSCF | 00.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Press | psig | 1.95 | 1.83 | 1.83 | 1.83 | 1.95 | 1.83 | 1.83 | 1.83 | 1.83 | 1.71 | 1.83 | 1.83 | 1.83 | 1.95 | 1.83 | 1.95 | 1.95 | 1.83 | 1.95 | 1.95 | 1.83 | 1.95 | 1.71 | 2.08 | 2.32 | 2.20 | 2.20 | NDC | NDC | NDC | 2.20 | |
| Date | | 12/1/07 | 12/2/07 | 12/3/07 | 12/4/07 | 12/5/07 | 12/6/07 | 12/7/07 | 12/8/07 | 12/9/07 | 12/10/07 | 12/11/07 | 12/12/07 | 12/13/07 | 12/14/07 | 12/15/07 | 12/16/07 | 12/17/07 | 12/18/07 | 12/19/07 | 12/20/07 | 12/21/07 | 12/22/07 | 12/23/07 | 12/24/07 | 12/25/07 | 12/26/07 | 12/27/07 | 12/28/07 | 12/29/07 | 12/30/07 | 12/31/07 | TOTAL |
| Gas | MSCF | 00.00 | 0.00 | 0.00 | 00.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 |
| Press | psig | 1.71 | 1.95 | 1.59 | 1.71 | 1.59 | 0.85 | 1.59 | 1.59 | 1.59 | 1.59 | 1.71 | 1.59 | 1.71 | 1.59 | 0.85 | 1.71 | 1.83 | 1.71 | 1.71 | 1.59 | 1.71 | 1.71 | 1.71 | 1.83 | 1.83 | 1.83 | 1.83 | 1.95 | 1.83 | 1.95 | | |
| Date | | 11/1/07 | 11/2/07 | 11/3/07 | 11/4/07 | 11/5/07 | 11/6/07 | 11/7/07 | 11/8/07 | 11/9/07 | 11/10/02 | 11/11/07 | 11/12/07 | 11/13/07 | 11/14/07 | 11/15/07 | 11/16/07 | 11/17/07 | 11/18/07 | 11/19/07 | 11/20/07 | 11/21/07 | 11/22/07 | 11/23/07 | 11/24/07 | 11/25/07 | 11/26/07 | 11/27/07 | 11/28/07 | 11/29/07 | 11/30/07 | | TOTAL |

Table A-1. (cont.)

| Gas | MSCF | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 00.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 |
|-------|------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|--------------------|
| Press | psig | 1.71 | NDC | 0.85 | 1.59 | 1.59 | 1.71 | 1.59 | 1.71 | 1.59 | 1.71 | 1.83 | 1.83 | 1.71 | 1.59 | 1.71 | 1.83 | 1.71 | 1.59 | 1.83 | 1.71 | 0.73 | 1.59 | 1.71 | 1.59 | 1.59 | 1.83 | 1.83 | | 1.71 | 1.71 0.85 |
| Date | | 6/1/08 | 6/2/08 | 6/3/08 | 6/4/08 | 6/5/08 | 6/6/08 | 6/7/08 | 6/8/08 | 6/9/08 | 6/10/08 | 6/11/08 | 6/12/08 | 6/13/08 | 6/14/08 | 6/15/08 | 6/16/08 | 6/17/08 | 6/18/08 | 6/19/08 | 6/20/08 | 6/21/08 | 6/22/08 | 6/23/08 | 6/24/08 | 6/25/08 | 6/26/08 | 6/27/08 | | 6/28/08 | 6/28/08 6/29/08 |
| Gas | MSCF | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 |
| Press | psig | 14.77 | 10.74 | 8.30 | 5.98 | 5.01 | 4.52 | 3.17 | 0.73 | 0.73 | 1.59 | 0.61 | 0.49 | 0.73 | 0.85 | 0.61 | 0.73 | 0.49 | 0.85 | 1.59 | 1.59 | 1.59 | 0.85 | 0.85 | 0.73 | 1.59 | 1.59 | 1.59 | | 0.61 | 0.61 0.85 |
| Date | | 5/1/08 | 5/2/08 | 5/3/08 | 5/4/08 | 5/5/08 | 5/6/08 | 5/7/08 | 5/8/08 | 5/9/08 | 5/10/08 | 5/11/08 | 5/12/08 | 5/13/08 | 5/14/08 | 5/15/08 | 5/16/08 | 5/17/08 | 5/18/08 | 5/19/08 | 5/20/08 | 5/21/08 | 5/22/08 | 5/23/08 | 5/24/08 | 5/25/08 | 5/26/08 | 5/27/08 | 100,00 | 80/87/5 | 5/29/08 5/29/08 |
| Gas | MSCF | 0.00 | 00.0 | 00.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 00.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 00.00 | 0.00 | 00.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 20.00 | 0.00 |
| Press | psig | 2.44 | 2.32 | 2.44 | 2.44 | 2.44 | 2.56 | 2.44 | 2.56 | 2.56 | 2.32 | 2.56 | 1.95 | 2.32 | 2.32 | 2,44 | 2.44 | 2.56 | 2.56 | 2.44 | 2.44 | 2.69 | 2.81 | 2.56 | 2.20 | 2.32 | 2.32 | 2.20 | 00. 1 | 7.20 | 28.20 |
| Date | | 4/1/08 | 4/2/08 | 4/3/08 | 4/4/08 | 4/5/08 | 4/6/08 | 4/7/08 | 4/8/08 | 4/9/08 | 4/10/08 | 4/11/08 | 4/12/08 | 4/13/08 | 4/14/08 | 4/15/08 | 4/16/08 | 4/17/08 | 4/18/08 | 4/19/08 | 4/20/08 | 4/21/08 | 4/22/08 | 4/23/08 | 4/24/08 | 4/25/08 | 4/26/08 | 4/27/08 | 20/2C/V | 00/07/1 | 4/29/08 |
| Gas | MSCF | 00.00 | 0.00 | 0.00 | 00.0 | 0.00 | 00.0 | 0.00 | 00.00 | 00.0 | 00.00 | 0.00 | 00.00 | 00.00 | 0.00 | 0.00 | 0.00 | 00.00 | 0.00 | 0.00 | 0.00 | 00.00 | 0.00 | 00.00 | 00.00 | 0.00 | 0.00 | 00.00 | 000 | 222 | 0.00 |
| Press | psig | 2.20 | 2,44 | 1.95 | 2.20 | 2.69 | 1.95 | 2.32 | 1.83 | 2.44 | 2.32 | 2.32 | 2.44 | 2.56 | 2.32 | 2.32 | 2.20 | 2.56 | 2.20 | 2.44 | 2.44 | 2.56 | 2.56 | 1.83 | 2.20 | 2.44 | 2.44 | 2.81 | 2.08 | i | 2.44 |
| Date | | 3/1/08 | 3/2/08 | 3/3/08 | 3/4/08 | 3/5/08 | 3/6/08 | 3/7/08 | 3/8/08 | 3/9/08 | 3/10/08 | 3/11/08 | 3/12/08 | 3/13/08 | 3/14/08 | 3/15/08 | 3/16/08 | 3/17/08 | 3/18/08 | 3/19/08 | 3/20/08 | 3/21/08 | 3/22/08 | 3/23/08 | 3/24/08 | 3/25/08 | 3/26/08 | 3/27/08 | 3/28/08 | | 3/29/08 |

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| Date | Press | Gas | Date | Press | Gas | Date | Press | Gas | Date | Press | Gas |
|---------|-------|-------|---------|-------|-------|---------|-------|-------|----------|-------|-------|
| | psig | MSCF | | psig | MSCF | | psig | MSCF | | psig | MSCF |
| 7/1/08 | 1.59 | 00.0 | 8/1/08 | 2.08 | 0.00 | 9/1/08 | 1.71 | 00.0 | 10/1/08 | 1.71 | 0.00 |
| 7/2/08 | 1.71 | 0.00 | 8/2/08 | 1.83 | 0.00 | 9/2/08 | 1.71 | 00.00 | 10/2/08 | 1.71 | 0.00 |
| 7/3/08 | 0.85 | 0.00 | 8/3/08 | 2.08 | 0.00 | 9/3/08 | 1.59 | 00.00 | 10/3/08 | 1.71 | 0.00 |
| 7/4/08 | 1.83 | 0.00 | 8/4/08 | 1.83 | 0.00 | 9/4/08 | 1.71 | 00.00 | 10/4/08 | 1.71 | 0.00 |
| 7/5/08 | 1.71 | 0.00 | 8/5/08 | 2.08 | 0.00 | 9/5/08 | 1.71 | 0.00 | 10/5/08 | 1.83 | 0.00 |
| 7/6/08 | 1.71 | 0.00 | 8/6/08 | 1.95 | 0.00 | 9/6/08 | 1.71 | 00.00 | 10/6/08 | 1.83 | 00.00 |
| 2/1/08 | 1.71 | 0.00 | 8/7/08 | 1.95 | 0.00 | 9/7/08 | 1.71 | 00.00 | 10/7/08 | 1.71 | 0.00 |
| 7/8/08 | 0.85 | 00.0 | 8/8/08 | 1.95 | 0.00 | 9/8/08 | 1.71 | 0.00 | 10/8/08 | 1.71 | 0.00 |
| 80/6/1 | 1.71 | 00.00 | 8/9/08 | 1.95 | 0.00 | 9/6/6 | 1.59 | 0.00 | 10/9/08 | 1.71 | 00.0 |
| 7/10/08 | 0.85 | 0.00 | 8/10/08 | 2.08 | 0.00 | 9/10/08 | 1.59 | 00.00 | 10/10/08 | 1.71 | 00.00 |
| 7/11/08 | 1.71 | 00.0 | 8/11/08 | 2.08 | 0.00 | 9/11/08 | 1.59 | 0.00 | 10/11/08 | 1.71 | 0.00 |
| 7/12/08 | 1.83 | 0.00 | 8/12/08 | 2.08 | 0.00 | 9/12/08 | 1.59 | 00.00 | 10/12/08 | 1.59 | 0.00 |
| 7/13/08 | 1.71 | 00.0 | 8/13/08 | 2.08 | 0.00 | 9/13/08 | 1.95 | 00.00 | 10/13/08 | 1.59 | 00.00 |
| 7/14/08 | 1.83 | 00.00 | 8/14/08 | 1.95 | 0.00 | 9/14/08 | 1.71 | 0.00 | 10/14/08 | 1.59 | 0.00 |
| 7/15/08 | 1.95 | 0.00 | 8/15/08 | 1.59 | 0.00 | 9/15/08 | 1.59 | 00.00 | 10/15/08 | 1.71 | 0.00 |
| 7/16/08 | 1.71 | 00.00 | 8/16/08 | 1.59 | 00.00 | 9/16/08 | 1.59 | 00.00 | 10/16/08 | 1.59 | 00.00 |
| 7/17/08 | 1.83 | 00.0 | 8/17/08 | 1.71 | 00.00 | 9/17/08 | 1.59 | 00.0 | 10/17/08 | 1.59 | 0.00 |
| 7/18/08 | 1.71 | 00.00 | 8/18/08 | 2.08 | 0.00 | 9/18/08 | 1.59 | 00.00 | 10/18/08 | 1.59 | 0.00 |
| 7/19/08 | 1.83 | 0.00 | 8/19/08 | 2.20 | 0.00 | 9/19/08 | 1.71 | 00.00 | 10/19/08 | 1.59 | 0.00 |
| 7/20/08 | 1.71 | 0.00 | 8/20/08 | 1.95 | 0.00 | 9/20/08 | 1.59 | 00.00 | 10/20/08 | 1.71 | 0.00 |
| 7/21/08 | 1.95 | 0.00 | 8/21/08 | 2.20 | 0.00 | 9/21/08 | 1.59 | 00.00 | 10/21/08 | 1.71 | 0.00 |
| 7/22/08 | 1.95 | 0.00 | 8/22/08 | 1.95 | 0.00 | 9/22/08 | 1.71 | 00.00 | 10/22/08 | 1.83 | 0.00 |
| 7/23/08 | 1.95 | 0.00 | 8/23/08 | 1.95 | 0.00 | 9/23/08 | 1.71 | 00.00 | 10/23/08 | 0.85 | 00.00 |
| 7/24/08 | 1.83 | 0.00 | 8/24/08 | 1.95 | 0.00 | 9/24/08 | 1.59 | 00.00 | 10/24/08 | 1.71 | 0.00 |
| 7/25/08 | 1.83 | 0.00 | 8/25/08 | 1.83 | 0.00 | 9/25/08 | 1.71 | 0.00 | 10/25/08 | 1.95 | 00.00 |
| 7/26/08 | 1.71 | 0.00 | 8/26/08 | 1.83 | 0.00 | 9/26/08 | 1.59 | 00.00 | 10/26/08 | 1.71 | 0.00 |
| 7/27/08 | 0.85 | 0.00 | 8/27/08 | 1.95 | 0.00 | 9/27/08 | 1.59 | 00.00 | 10/27/08 | 0.85 | 0.00 |
| 7/28/08 | 1.95 | 0.00 | 8/28/08 | 2.08 | 0.00 | 9/28/08 | 1.71 | 0.00 | 10/28/08 | 1.59 | 0.00 |
| 7/29/08 | 1.95 | 0.00 | 8/53/08 | 1.59 | 0.00 | 9/29/08 | 1.71 | 00.00 | 10/29/08 | 1.59 | 0.00 |
| 7/30/08 | 1.83 | 0.00 | 8/30/08 | 1.59 | 0.00 | 9/30/08 | 1.71 | 0.00 | 10/30/08 | 1.59 | 0.00 |
| 7/31/08 | 1.95 | 0.00 | 8/31/08 | 1.71 | 0.00 | | | | 10/31/08 | 1.59 | 0.00 |
| TOTAL | | 0.00 | TOTAL | | 0.00 | TOTAL | | 0.00 | TOTAL | | 0.00 |

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| Gas | MSCF | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 00.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | | | 0.00 |
|-------|------|---------|---------|---------|---------|---------|---------|---------|---------|---------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|-------|
| Press | psig | 2.08 | 1.95 | 1.95 | 2.08 | 2.08 | 2.08 | 2.20 | 2.20 | 2.08 | 2.20 | 2.08 | 2.08 | 2.08 | 2.20 | 2.08 | 1.95 | 2.08 | 1.95 | 1.95 | 1.95 | 2.08 | 1.95 | 2.08 | 2.08 | 2.08 | 2.20 | 2.20 | 2.08 | | | | |
| Date | | 2/1/09 | 2/2/09 | 2/3/09 | 2/4/09 | 2/5/09 | 2/6/09 | 2/7/09 | 2/8/09 | 2/9/09 | 2/10/09 | 2/11/09 | 2/12/09 | 2/13/09 | 2/14/09 | 2/15/09 | 2/16/09 | 2/17/09 | 2/18/09 | 2/19/09 | 2/20/09 | 2/21/09 | 2/22/09 | 2/23/09 | 2/24/09 | 2/25/09 | 2/26/09 | 2/27/09 | 2/28/09 | | | | TOTAL |
| Gas | MSCF | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 00.00 | 0.00 | 0.00 | 0.00 | 00.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 00.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0,00 |
| Press | psig | 2.08 | 2.08 | 2.08 | 2.20 | 1.95 | 1.95 | 1.95 | 2.08 | 2.08 | 1.95 | 1.95 | 1.95 | 1.83 | 2.08 | 1.95 | 1.95 | 1.95 | 1.95 | 1.95 | 1.95 | 1.83 | 1.95 | 1.95 | 1.95 | 2.08 | 2.08 | 2.08 | 2.08 | 2.20 | 1.95 | 2.08 | |
| Date | | 1/1/09 | 1/2/09 | 1/3/09 | 1/4/09 | 1/5/09 | 1/6/09 | 1/7/09 | 1/8/09 | 1/9/09 | 1/10/09 | 1/11/09 | 1/12/09 | 1/13/09 | 1/14/09 | 1/15/09 | 1/16/09 | 1/17/09 | 1/18/09 | 1/19/09 | 1/20/09 | 1/21/09 | 1/22/09 | 1/23/09 | 1/24/09 | 1/25/09 | 1/26/09 | 1/27/09 | 1/28/09 | 1/29/09 | 1/30/09 | 1/31/09 | TOTAL |
| Gas | MSCF | 00.0 | 00.00 | 0.00 | 0.00 | 0.00 | 00.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0,00 | 0.00 | 0.00 | 00.00 | 0.00 | 0.00 | 0.00 | 00.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Press | psig | 1.71 | 1.83 | 1.83 | 1.71 | 1.71 | 1.83 | 1.83 | 1.83 | 2.08 | 1.83 | 1.95 | 1.83 | 1.95 | 2.08 | 1.95 | 1.95 | 1.83 | 1.83 | 1.83 | 2.20 | 1.95 | 1.95 | 1.95 | 1.95 | 1.95 | 2.08 | 1.95 | 1.95 | 1.83 | 1.95 | 1.95 | |
| Date | | 12/1/08 | 12/2/08 | 12/3/08 | 12/4/08 | 12/5/08 | 12/6/08 | 12/7/08 | 12/8/08 | 12/9/08 | 12/10/08 | 12/11/08 | 12/12/08 | 12/13/08 | 12/14/08 | 12/15/08 | 12/16/08 | 12/17/08 | 12/18/08 | 12/19/08 | 12/20/08 | 12/21/08 | 12/22/08 | 12/23/08 | 12/24/08 | 12/25/08 | 12/26/08 | 12/27/08 | 12/28/08 | 12/29/08 | 12/30/08 | 12/31/08 | TOTAL |
| Gas | MSCF | 0.00 | 0.00 | 0.00 | 00.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 00.00 | 00.00 | 0.00 | 0.00 | 00.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 00.00 | 0.00 | 0.00 | 0.00 | 00.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 |
| Press | psig | 0.85 | 1.59 | 1.71 | 1.83 | 1.83 | 1.71 | 1.83 | 1.71 | 1.83 | 1.71 | 1.71 | 1.71 | 1.83 | 1.83 | 1.59 | 1.71 | 1.83 | 1.71 | 1.71 | 1.59 | 1.59 | 1.71 | 1.59 | 1.71 | 1.71 | 1.83 | 1.83 | 1.71 | 1.83 | 1.83 | | |
| Date | | 11/1/08 | 11/2/08 | 11/3/08 | 11/4/08 | 11/5/08 | 11/6/08 | 11/7/08 | 11/8/08 | 11/9/08 | 11/10/08 | 11/11/08 | 11/12/08 | 11/13/08 | 11/14/08 | 11/15/08 | 11/16/08 | 11/17/08 | 11/18/08 | 11/19/08 | 11/20/08 | 11/21/08 | 11/22/08 | 11/23/08 | 11/24/08 | 11/25/08 | 11/26/08 | 11/27/08 | 11/28/08 | 11/29/08 | 11/30/08 | | TOTAL |

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| Table |

| Gas | Ы | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 8 | 0.00 | 0.00 | 0.00 | 0.00 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 0.00 | 8 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 00 | 0.00 | 0.00 | | |
|-------|------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|-------|
| 6 | MSCF | o. | 0 | 0 | 0 | O | Ö | Ö | Ö | ö | ö | o. | Ö | ö | Ö | Ö | Ö | Ö | Ö | Ö | ö | Ö | Ó | Ö | Ö | Ö | Ö | Ö | o | Ó | Ö | | |
| Press | psig | 0.85 | 0.85 | 0.73 | 0.73 | 0.73 | 1.59 | 1.59 | 0.85 | 1.59 | 0.85 | 1.59 | 0.73 | 1.59 | 1.59 | 1.59 | 1.59 | 1.59 | 0.85 | 0.73 | 0.85 | 1.59 | 1.59 | 0.85 | 0.85 | 0.85 | NDC | 1.71 | 0.85 | 0.73 | 0.85 | | |
| Date | | 6/1/09 | 6/2/09 | 6/3/09 | 6/4/09 | 6/2/9 | 60/9/9 | 60/1/9 | 6/8/9 | 60/6/9 | 6/10/09 | 6/11/09 | 6/12/09 | 6/13/09 | 6/14/09 | 6/15/09 | 6/16/09 | 6/11/09 | 6/18/09 | 6/19/09 | 6/20/09 | 6/21/09 | 6/22/09 | 6/23/09 | 6/24/09 | 6/25/09 | 6/26/09 | 6/27/09 | 6/28/09 | 6/23/09 | 6/30/06 | | TOTAL |
| Gas | MSCF | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 000 |
| Press | psig | 1.95 | 1.71 | 1.71 | 1.59 | 1.71 | 1.71 | 1.59 | 1.71 | 1.59 | 0.73 | 0.73 | 0.61 | 1.59 | 0.85 | 0.85 | 0.85 | 0.61 | 0.85 | 0.73 | 0.73 | 0.85 | 0.85 | 0.61 | 0.73 | 0.73 | 0.85 | 0.73 | 0.85 | 0.85 | 0.85 | 0.73 | |
| Date | | 5/1/09 | 5/2/09 | 5/3/09 | 5/4/09 | 5/5/09 | 5/6/09 | 5/7/09 | 5/8/09 | 5/9/09 | 5/10/09 | 5/11/09 | 5/12/09 | 5/13/09 | 5/14/09 | 5/15/09 | 5/16/09 | 5/17/09 | 5/18/09 | 5/19/09 | 5/20/09 | 5/21/09 | 5/22/09 | 5/23/09 | 5/24/09 | 5/25/09 | 5/26/09 | 5/27/09 | 5/28/09 | 5/29/09 | 5/30/09 | 5/31/09 | TOTAL |
| Gas | MSCF | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 00.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | _ | 000 |
| Press | psig | 2.44 | 2.32 | 2.44 | 2.44 | 2.44 | 2.56 | 2.44 | 2.56 | 2.56 | 2.32 | 2.56 | 1.95 | 2.32 | 2.32 | 2.44 | 2.44 | 2.56 | 2.56 | 2.44 | 2.44 | 2.69 | 2.81 | 2.56 | 2.20 | 2.32 | 2.32 | 2.20 | 2.20 | 28.20 | 20.39 | | |
| Date | | 4/1/09 | 4/2/09 | 4/3/09 | 4/4/09 | 4/5/09 | 4/6/09 | 4/7/09 | 4/8/09 | 4/9/09 | 4/10/09 | 4/11/09 | 4/12/09 | 4/13/09 | 4/14/09 | 4/15/09 | 4/16/09 | 4/17/09 | 4/18/09 | 4/19/09 | 4/20/09 | 4/21/09 | 4/22/09 | 4/23/09 | 4/24/09 | 4/25/09 | 4/26/09 | 4/27/09 | 4/28/09 | 4/29/09 | 4/30/09 | | TOTAL |
| Gas | MSCF | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 00.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 000 |
| Press | psig | 1.95 | 2.08 | 2.08 | 2.20 | 2.08 | 2.08 | 2.08 | 2.08 | 2.08 | 2.08 | 2.08 | 1.95 | 1.95 | 1.95 | 2.08 | 2.08 | 2.08 | 2.08 | 2.08 | 2.08 | 1.95 | 2.08 | 2.20 | 2.20 | 2.20 | 2.08 | 2.08 | 2.20 | 2.08 | 2.20 | 2.20 | |
| Date | | 3/1/09 | 3/2/09 | 3/3/09 | 3/4/09 | 3/5/09 | 3/6/09 | 3/7/09 | 3/8/09 | 3/9/09 | 3/10/09 | 3/11/09 | 3/12/09 | 3/13/09 | 3/14/09 | 3/15/09 | 3/16/09 | 3/17/09 | 3/18/09 | 3/19/09 | 3/20/09 | 3/21/09 | 3/22/09 | 3/23/09 | 3/24/09 | 3/25/09 | 3/26/09 | 3/27/09 | 3/28/09 | 3/29/09 | 3/30/09 | 3/31/09 | TOTAL |

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| Date | Press | Gas | Date | Press | Gas | Date | Press | Gas | Date | Press | Gas |
|---------|-------|------|---------|-------|-------|---------|-------|------|----------|-------|-------|
| | psig | MSCF | | psig | MSCF | | psig | MSCF | | psig | MSCF |
| 7/1/09 | 0.85 | 0.00 | 8/1/09 | 0.85 | 0.00 | 9/1/6 | 1.59 | 0.00 | 10/1/01 | 1.71 | 00.0 |
| 7/2/09 | 1.59 | 0.00 | 8/2/09 | 0.85 | 0.00 | 9/2/6 | 0.85 | 0.00 | 10/2/09 | 1.59 | 0.00 |
| 7/3/09 | 0.85 | 0.00 | 8/3/09 | 1.59 | 0.00 | 9/3/09 | 1.59 | 0.00 | 10/3/09 | 1.59 | 00.00 |
| 7/4/09 | 0.73 | 0.00 | 8/4/09 | 0.85 | 0.00 | 9/4/09 | 0.85 | 0.00 | 10/4/09 | 1.83 | 00.00 |
| 7/5/09 | 0.73 | 0.00 | 8/5/09 | 1.59 | 0.00 | 9/2/6 | 1.71 | 0.00 | 10/5/09 | 1.59 | 0.00 |
| 7/6/09 | 0.73 | 0.00 | 8/6/09 | 1.59 | 0.00 | 60/9/6 | 0.85 | 0.00 | 10/6/09 | 1.71 | 00.0 |
| 60/1/1 | 0.73 | 0.00 | 8/7/09 | 0.85 | 0.00 | 60/1/6 | 1.59 | 0.00 | 10/7/09 | 1.59 | 0.00 |
| 7/8/09 | 1.59 | 0.00 | 8/8/09 | 1.59 | 0.00 | 9/8/6 | 1.59 | 0.00 | 10/8/09 | 0.85 | 00.0 |
| 60/6/2 | 1.71 | 0.00 | 60/6/8 | 1.59 | 0.00 | 60/6/6 | 0.85 | 0.00 | 10/9/09 | 1.59 | 00.00 |
| 7/10/09 | 1.59 | 0.00 | 8/10/09 | 1.59 | 0.00 | 9/10/09 | 0.85 | 0.00 | 10/10/09 | 1.71 | 00.0 |
| 7/11/09 | 1.59 | 0.00 | 8/11/09 | 1.59 | 0.00 | 9/11/09 | 1.59 | 0.00 | 10/11/09 | 0.85 | 0.00 |
| 7/12/09 | 1.59 | 0.00 | 8/12/09 | 1.59 | 0.00 | 9/12/09 | 0.85 | 0.00 | 10/12/09 | 0.85 | 0.00 |
| 7/13/09 | 0.85 | 0.00 | 8/13/09 | 0.85 | 0.00 | 9/13/09 | 0.85 | 0.00 | 10/13/09 | 0.85 | 00.0 |
| 7/14/09 | 1.59 | 0.00 | 8/14/09 | 1.59 | 0.00 | 9/14/09 | 0.85 | 0.00 | 10/14/09 | 1.59 | 0.00 |
| 7/15/09 | 1.59 | 0.00 | 8/15/09 | 1.59 | 0.00 | 9/15/09 | 1.59 | 0.00 | 10/15/09 | 1.59 | 0.00 |
| 7/16/09 | 0.85 | 0.00 | 8/16/09 | 1.59 | 0.00 | 9/16/09 | 0.85 | 0.00 | 10/16/09 | 1.59 | 0.00 |
| 7/17/09 | 1.59 | 0.00 | 8/17/09 | 1.59 | 0.00 | 9/11/0 | 1.83 | 0.00 | 10/17/09 | 1.59 | 0.00 |
| 7/18/09 | 0.73 | 0.00 | 8/18/09 | 1.59 | 0.00 | 9/18/09 | 0.85 | 0.00 | 10/18/09 | 1.59 | 0.00 |
| 60/61/2 | 0.85 | 0.00 | 8/19/09 | 1.59 | 0.00 | 9/19/09 | 1.71 | 0.00 | 10/19/09 | 1.59 | 0.00 |
| 7/20/09 | 1.59 | 0.00 | 8/20/09 | 1.59 | 00.00 | 9/20/03 | 0.85 | 0.00 | 10/20/09 | 1.59 | 0.00 |
| 7/21/09 | 1.71 | 0.00 | 8/21/09 | 1.59 | 0.00 | 9/21/09 | 1.59 | 0.00 | 10/21/09 | 0.85 | 00.0 |
| 7/22/09 | 0.73 | 0.00 | 8/22/09 | 1.59 | 0.00 | 9/22/09 | 0.85 | 0.00 | 10/22/09 | 0.85 | 0.00 |
| 7/23/09 | 0.85 | 0.00 | 8/23/09 | 1.59 | 0.00 | 9/23/09 | 0.85 | 0.00 | 10/23/09 | 1.59 | 0.00 |
| 7/24/09 | 0.85 | 0.00 | 8/24/09 | 0.85 | 0.00 | 9/24/09 | 0.85 | 0.00 | 10/24/09 | 1.71 | 0.00 |
| 7/25/09 | 1.59 | 0.00 | 8/25/09 | 1.59 | 0.00 | 9/25/09 | 0.85 | 0.00 | 10/25/09 | 1.59 | 0.00 |
| 7/26/09 | 1.71 | 0.00 | 8/26/09 | 1.59 | 0.00 | 9/26/09 | 1.59 | 0.00 | 10/26/09 | 0.85 | 0.00 |
| 7/27/09 | 0.85 | 0.00 | 8/27/09 | 1.59 | 0.00 | 60/22/6 | 1.71 | 0.00 | 10/27/09 | 1.59 | 0.00 |
| 7/28/09 | 1.59 | 0.00 | 8/28/09 | 0.85 | 0.00 | 9/28/09 | 1.83 | 0.00 | 10/28/09 | 1.71 | 00.00 |
| 7/29/09 | 0.85 | 0.00 | 8/29/09 | 1.71 | 0.00 | 9/29/09 | 1.59 | 0.00 | 10/29/09 | 1.71 | 00.0 |
| 7/30/09 | 0.85 | 0.00 | 8/30/09 | 1.59 | 0.00 | 60/0E/6 | 1.59 | 0.00 | 10/30/09 | 1.59 | 0.00 |
| 7/31/09 | 0.73 | 0.00 | 8/31/09 | 1.59 | 0.00 | | | | 10/31/09 | 0.85 | 0.00 |
| TOTAL | | 0.00 | TOTAL | | 0.00 | TOTAL | | 0.00 | TOTAL | | 0.00 |

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| Gas | MSCF | 00.0 | 00.00 | 0.00 | 0.00 | 00.00 | 00.00 | 00.00 | 0.00 | 00'0 | 00.00 | 00.00 | 0.00 | 00.00 | 00.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 00.00 | 0.00 | 0.00 | | | | 0.00 |
|-------|------|---------|---------|---------|---------|---------|---------|---------|---------|---------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|-------|
| Press | psig | 2.08 | 1.95 | 1.95 | 1.95 | 1.95 | 1.95 | 2.08 | 2.08 | 1.83 | 1.95 | 1.95 | 1.95 | 1.95 | 1.95 | 1.95 | 1.95 | 2.08 | 1.83 | 2.08 | 2.08 | 1.95 | 1.95 | 1.95 | 1.95 | 1.95 | 1.95 | 1.95 | 1.95 | | | | |
| Date | | 2/1/10 | 2/2/10 | 2/3/10 | 2/4/10 | 2/5/10 | 2/6/10 | 2/7/10 | 2/8/10 | 2/9/10 | 2/10/10 | 2/11/10 | 2/12/10 | 2/13/10 | 2/14/10 | 2/15/10 | 2/16/10 | 2/17/10 | 2/18/10 | 2/19/10 | 2/20/10 | 2/21/10 | 2/22/10 | 2/23/10 | 2/24/10 | 2/25/10 | 2/26/10 | 2/27/10 | 2/28/10 | | | | TOTAL |
| Gas | MSCF | 00.0 | 0.00 | 0.00 | 0.00 | 00.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 00.0 | 00.0 | 0.00 | 0,00 | 0.00 | 0.00 | 0.00 | 00.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Press | psig | 1.83 | 1.83 | 1.83 | 1.71 | 1.83 | 1.83 | 1.83 | 1.83 | 1.83 | 1.95 | 1.95 | 1.95 | 2.08 | 1.95 | 1.83 | 1.95 | 2.08 | 2.08 | 1.95 | 2.08 | 2.08 | 1.95 | 2.20 | 1.95 | 1.95 | 1.95 | 2.08 | 1.95 | 1.95 | 1.95 | 2.08 | |
| Date | | 1/1/10 | 1/2/10 | 1/3/10 | 1/4/10 | 1/5/10 | 1/6/10 | 1/7/10 | 1/8/10 | 1/9/10 | 1/10/10 | 1/11/10 | 1/12/10 | 1/13/10 | 1/14/10 | 1/15/10 | 1/16/10 | 1/17/10 | 1/18/10 | 1/19/10 | 1/20/10 | 1/21/10 | 1/22/10 | 1/23/10 | 1/24/10 | 1/25/10 | 1/26/10 | 1/27/10 | 1/28/10 | 1/29/10 | 1/30/10 | 1/31/10 | TOTAL |
| Gas | MSCF | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 00.00 | 0.00 | 00.00 | 0.00 | 00.0 | 00.0 | 0.00 | 00.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 00.00 | 0.00 | 00.00 | 0.00 | 00.00 | 0.00 | 0.00 | 0.00 |
| Press | psig | 1.59 | 1.83 | 0.85 | 1.59 | 1.71 | 1.71 | 1.71 | 1.83 | 1.71 | 1.71 | 1.83 | 1.83 | 1.71 | 1.83 | 1.71 | 1.59 | 1.59 | 1.83 | 1.71 | 1.83 | 1.71 | 1.83 | 1.83 | 1.83 | 1.83 | 1.83 | 1.95 | 1.71 | 1.83 | 1.83 | 1.83 | |
| Date | | 12/1/09 | 12/2/09 | 12/3/09 | 12/4/09 | 12/5/09 | 12/6/09 | 12/7/09 | 12/8/09 | 12/9/09 | 12/10/09 | 12/11/09 | 12/12/09 | 12/13/09 | 12/14/09 | 12/15/09 | 12/16/09 | 12/17/09 | 12/18/09 | 12/19/09 | 12/20/09 | 12/21/09 | 12/22/09 | 12/23/09 | 12/24/09 | 12/25/09 | 12/26/09 | 12/27/09 | 12/28/09 | 12/29/09 | 12/30/09 | 12/31/09 | TOTAL |
| Gas | MSCF | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 00.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 |
| Press | psig | | | | | 0.85 | 1.59 | 1.59 | 1.59 | 1.59 | 0.85 | 0.85 | 1.59 | 1.59 | 1.71 | 1.59 | 0.85 | 1.59 | 1.71 | 1.71 | 1.59 | 1.59 | 1.59 | 1.71 | 1.59 | 1,59 | 1.59 | 1.71 | 1.71 | 1.83 | 1.59 | | |
| Date | | 11/1/09 | 11/2/09 | 11/3/09 | 11/4/09 | 11/5/09 | 11/6/09 | 11/7/09 | 11/8/09 | 11/9/09 | 11/10/09 | 11/11/09 | 11/12/09 | 11/13/09 | 11/14/09 | 11/15/09 | 11/16/09 | 11/17/09 | 11/18/09 | 11/19/09 | 11/20/09 | 11/21/09 | 11/22/09 | 11/23/09 | 11/24/09 | 11/25/09 | 11/26/09 | 11/27/09 | 11/28/09 | 11/29/09 | 11/30/09 | | TOTAL |

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Analysis of Injection Fluid for Metropolis Disposal #1

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| "Let your interest in measurement be our concern" | |
|--|----------|
| PRECISION SERVICE, INC. | |
| P.O. Box 3659 * Casper, Wyoming 82602 * (307) 237-9327 | Run H |
| P.O. Box 2604 * Roswell, New Mexico 88201 * (505) 622-9874 | Date Run |

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Analysis Results Summary

Run No. 930226-5 Data Run 02/26/93 Data Samplad 02/25/93

GPANGL, L50

Pressure Base:

Real BTU Dry:

Real BTU Wet:

BTU Dry:

BTU Wet:

Z Factor:

. # Value:

Avg Mol Weight:

28 Lb Froduct:

Methane+ GPM:

Propane+ GPM:

Pentane+ GPM:

Butane+ GPH:

Ethane+ GPM:

Ave CoFt/Gal:

Real Calc. Specific Gravity:

Field Specific Gravity:

Standard Pressure:

| Field: | DAGGER DRAN | | | | | • | |
|-----------------------|-------------|----|----------------|-------|-----------|-------------|---|
| Well Name: | ACID GAS | - | Producer: | YATES | PETROLEUM | CORPORATION | |
| Sta. Number: | | | County: | rddi | | State: | M |
| Purpose: | WEBELLI | | Sampled By: | KARL | BARNY | | |
| Sampling Temp: | DEG | 7 | Atmos Temp: | 57 | DRG 7 | | |
| Volume/day: | | | Formation: | | | | |
| Pressure on Cylinder: | 11 PSI | Ie | Line Pressure: | 24.2 | PS1A | | |

GAS COMPONENT ANALYSIS

38

Mol X GPM

Analysis for YATES PETROLIUM CORPORATION

| | | | / |
|------------------|------------|----------|-------|
| Carbon Dioxide | CD2 | 38.311 ~ | l |
| Nitrogen | N 2 | 0.019 | / |
| Hydrogen Sulfide | H25 | 60.810 - | r |
| Nethane | CI | 0.340 | 0.058 |
| Iso-Butane | ICÍ | 0.009 | 0,003 |
| Nor-Butane | NC4 | 0.049 | 0.015 |
| Iso-Pentane | 1C5 | 0.045 | 0.018 |
| Nor-Pentane | IC5 | 0.098 | 0.035 |
| Hexanes Plus | 68+ | 0.319 | 0.137 |
| | | | |

TOTAL 100.000 0.265

REMARKS:

H2S ON LOCATION: 60.810 X = 608,100 PPM

Fri Feb 26 16:17:37 1993

Approved by: JEFF DECL

14.730

418

408

1.924

1.314

14.698

0.9926

1.3106

38.0743

67.9661

0.3077

0.265

0.207

0.207

0.207

0.189

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No. に、地震の Analysis of Devonian Formation Water From North Indian Basin Well No. 1 Sec. 6 N. S. S. A VALE AN SAL

Indian Hills State Comm Well No. 7 Printed Injection Well Attachment to C - 108 (Part VII)

Proposed Operations - continued

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5. If injection is for disposal purpose 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.)

Marathon Oil Company ran a DST test on North Indian Basin Well No. 1 (Section 9, T-21-S, R-23-E, Eddy County New Mexico) in 1963. The DST tested the interval 10,009 ft to 10,100 ft. Based on the DST, the following analysis was reported:

| Specific Gravity | 1.109 | |
|-------------------|--------|-------|
| рН | 6.8 | |
| Resistivity | .285 | @ 94F |
| Chlorides (Cl) | 11,000 | |
| Sulfates (SO4) | 1500 | |
| Alkalinity (HCO3) | 610 | |
| Calcium (Ca) | 1080 | |
| Magnesium (Mg) | 775 | |
| Iron (Fe) | 20 | |
| Sodium (Na) | 5359 | |
| Sulfides (H2S) | negl. | |

Analyses of Freshwater From Wells (POD# RA 05244 and RA 05233) Within a One-Mile Radius of Metropolis Disposal #1

.



1. See ----

ATTACHMENT C Page 1

WATER ANALYSIS REPORT

Petrolite Corporation 422 West Main Street Artesia, NM 88210-2041

TRETOLITE DIVISION

(505) 746-3588 Fax (505) 746-3580

> Reply to: P.O. Box 1140 Artesia, NM 88211-7531

| | | | | | 8 |
|---------|-------------------------|--------------|--------------|------------|---------|
| Company | YATES PETROLEU | м | Date | : 02/23/96 |) |
| Address | E : ARTESIA, NM | | Date Sampled | : 02/22/96 | i |
| Lease | : QUEEN | | Analysis No. | : 0226 | |
| Well | : WATER WELL | | | | |
| Sample | Pt. : UNKNOWN | | | | |
| | ANALYSIS | | mg/L | | * meg/L |
| | | | | • | |
| 1. | рн . | 7.3 | | | |
| 2. | H2S | OPPM, | | | |
| з. | Specific Gravity | 1.005 | | | |
| 4 | Total Dissolved Solids | | 1039.3 (| | • |
| 5. | Suspended Solids | | NR | | |
| 6. | Dissolved Oxygen | | NR | | |
| 7. | Dissolved CO2 | | NR \ | | |
| 8. | Oil In Water | | NR | | |
| 9. | Phenolphthalein Alkalin | nity (CaCO3) | | | |
| 10. | Methyl Orange Alkalinit | | | | |
| | Bicarbonate | нсоз | 195.0 | HCO3 | 3.2 |
| 12. | Chloride | Cl | 149.0 | Cl | 4.2 |
| 13. | Sulfate | S04 | 400.0 | SO4 | 8.3 |
| 14. | Calcium | Ca | 146.0 | Ca | 7.3 |
| 15. | Magnesium | Mg | 51.i | Mg | 4.2 |
| 16. | Sodium (calculated) | Na | 97.5 | Na | 4-2 |
| 17. | Iron | Fe | 0.8 | · · | |
| 18. | Barium | Ba | 0.0 | | |
| 19. | Strontium | Sr | 0.0 | | |
| 20. | Total Hardness (CaCO3) | | 575.0 | | |
| | | |) | | |

PROBABLE MINERAL COMPOSITION

| | | : | |
|--|--------------|---------------------------------|------------|
| <pre>*milli equivalents per Liter ++</pre> | Compound Equ | iv wt X meg/L | = mg/L |
| 7 *Ca < *HCO3 3 | · · · | 1.0 3.2 [°] 8.1 4.1 | 259 278 |
| 4 *Mg> *SO4 8 | CaC12 5 | 5.5 | |
| 4 *Na> *C1 4 | MgSO4 6 | 0.2 4.2 7.6 | 253 |
| Saturation Values Dist. Water 20 C | NaHCO3 8- | 4.0 | |
| CaCO3 13 mg/L CaSO4 * 2H2O 2090 mg/L | | 1.0 0.0 8.4 4.2 | З 246 |
| BaSO4 2.4 mg/L | | | |

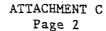
REMARKS:

ANDY MILLER ·

Petrolite Oilfield Chemicals Group

Respectfully submitted,

SHAWNA MATTHEWS





SCALE TENDENCY REPORT

| Company | : YATES PETROLEUM | Date | : | 02/23/96 |
|------------|-------------------|--------------|---|-----------------|
| Address | : ARTESIA, NM | Date Sampled | : | 02/22/96 |
| Lease | : QUEEN | Analysis No. | : | 0226 |
| Well | : WATER WELL | Analyst | : | SHAWNA MATTHEWS |
| Sample Pt. | : UNKNOWN | | • | |

STABILITY INDEX CALCULATIONS (Stiff-Davis Method) CaCO3 Scaling Tendency

| s.I. | = | 0.1 | at | 60 | deg. | F | or | 16 | deg. | С |
|------|---|-----|----|-----|------|---|----|----|------|---|
| s.I. | = | 0.2 | at | 80 | deg. | F | or | 27 | deg. | С |
| s.I. | = | 0.2 | at | 100 | deg. | F | or | 38 | deg. | С |
| s.I. | = | 0.3 | at | 120 | deg. | F | or | 49 | deg. | С |
| s.I. | s | 0.4 | at | 140 | deg. | F | or | 60 | deg. | С |

CALCIUM SULFATE SCALING TENDENCY CALCULATIONS (Skillman-McDonald-Stiff Method) Calcium Sulfate

| S | = | 1212 | at | 60 | deg. | F | or | 16 | deg (| 2 |
|---|---|------|----|-----|------|---|----|----|-------|---|
| S | | 1227 | at | 80 | deg. | F | or | 27 | deg (| 2 |
| S | = | 1216 | at | 100 | deg. | F | or | 38 | deg (| 2 |
| S | = | 1207 | at | 120 | deg. | F | or | 49 | deg (| 2 |
| S | = | 1198 | at | 140 | deg. | F | or | 60 | deg (| 2 |

Petrolite Oilfield Chemicals Group

Respectfully submitted, SHAWNA MATTHEWS



ATTACHMENT C Page 3

Petrolite Corporation 422 West Main Street Artesia, NM 88210-2041

TRETOLITE DIVISION

(505) 746-3588 Fax (505) 746-3580

WATER ANALYSIS REPORT

Reply to: P.O. Box 1140

Artesia, NM 88211-7531

| | ANALYSIS | | mg/L | | * meg/L |
|-----|-----------------------|---------------|---------|------|---------|
| | | | | | |
| 1. | PH | 7.5 | | , | |
| 2. | H2S | O PPM | | (| |
| 3. | Specific Gravity | 1.000 | | 1 | |
| 4. | Total Dissolved Soli | ds | 1065.3 | (| |
| 5. | Suspended Solids | | NR | | |
| 6. | Dissolved Oxygen | | NR | 1 | |
| 7. | Dissolved CO2 | | NR | | |
| 8. | Oil In Water | | NR | | |
| 9. | Phenolphthalein Alka | linity (CaCO3 | > | | • : |
| 10. | Methyl Orange Alkali | nity (CaCO3) | | | |
| 11. | Bicarbonate | HCO | 3 134.0 | HCO3 | 2.2 |
| 12. | Chloride | Cl | 85.0 | Cl | 2.4 |
| 13. | Sulfate | S04 | 550.0 | SO4 | 11.5 |
| 14. | Calcium | Ca | 134.0 | Ca | 6.7 |
| 15. | Magnesium | Mg | 59.6 | Mg | 4.9 |
| 16. | Sodium (calculated) | Na | 102.5 | Na | 4.5 |
| 17. | Iron | Fe | 0.3 | | |
| 18. | Barium | Ba | 0.0 | | |
| 19. | Strontium | Sr | 0.0 | | |
| 20. | Total Hardness (CaCO) | 3 } | 580.0 | | |

PROBABLE MINERAL COMPOSITION

| *milli equivalents per Lite | | Compound | Equiv wt) | (meq/L | ≈ mg/L |
|-----------------------------|---------|-----------|------------|---------|--------|
| ++ 7 *Ca < *HCO3 | ++ | Ca(HCO3)2 | 81.0 | | 170 |
| {} | | CaSO4 | 68.1 | 2.2 | . 178 |
| 5 *Mg> *SO4 | 11 | CaCl2 | 55.5 | 4.5 | 306 |
| / | | | | i. | |
| 4; *Na> *Cl | 1 21 | Mg(HCO3)2 | 73.2 | | |
| | 2 | MgSO4 | 60.2 | 4.9 | 295 |
| | ++ | MgCl2 | 47.6 | | |
| Saturation Values Dist. Wat | er 20 C | NaHCO3 | 84.0 | | |
| CaCO3 13 m | g/L | Na2SO4 | 71.0 | 2.1 | 146 |
| CaSO4 * 2H2O 2090 m | g/L | NaCl | 58.4 | 2.4 | 140 |
| BaSO4 2.4 m | g/L | | | | |

REMARKS:

----- ANDY MILLER

Petrolite Oilfield Chemicals Group

Respectfully submitted, SHAWNA MATTHEWS



ATTACHMENT C Page 4

SCALE TENDENCY REPORT

Date : 02/15/96 : YATES PETROLEUM Company : ARTESIA, NMN Date Sampled : 02/14/96 Address Analysis No. : 0223 : NORTH WINDMILL Lease : SHAWNA MATTHEWS Analyst Well : Sample Pt. :

STABILITY INDEX CALCULATIONS (Stiff-Davis Method) CaCO3 Scaling Tendency

| S.I. | 2 | 0.1 | at | 60 | deg. | F | or | 16 | deg. | С |
|-------------|---|-----|----|-----|------|---|----|----|------|---|
| 5.I. | 2 | 0.2 | at | 80 | deg. | F | or | 27 | deg. | С |
| s.I. | = | 0.2 | at | 100 | deg. | F | or | 38 | deg. | С |
| s.I. | = | 0.3 | at | 120 | deg. | F | or | 49 | deg. | С |
| s.I. | 3 | 0.4 | at | 140 | deg. | F | or | 60 | deg. | С |

CALCIUM SULFATE SCALING TENDENCY CALCULATIONS (Skillman-McDonald-Stiff Method) Calcium Sulfate

| S | = | 1121 | at | .60 | deg. | F | or | 16 | deg | С |
|---|---|------|----|-----|------|---|-----|----|-----|---|
| S | = | 1137 | at | 80 | deg. | F | or | 27 | deg | С |
| S | ⇒ | 1128 | at | 100 | deg. | F | or. | 38 | deg | С |
| S | 2 | 1119 | at | 120 | deg. | F | or | 49 | deg | С |
| S | = | 1110 | at | 140 | deg. | F | or | 60 | deg | С |

Petrolite Oilfield Chemicals Group

Respectfully submitted, SHAWNA MATTHEWS

APPENDIX B

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Map and Table of All Wells within Two Miles of Metropolis Disposal #1; Map and Table of All Wells within One Mile of Metropolis Disposal #1 Table B-1. All Wells Within Two Miles of Metropolis Disposal #1 (see Figure B-1 for Locations)

| | | | | | | | | | | | - 1 | | |
|------------|-----------------------|---------------------|------------|------------|-----|-------------|-----|------------------------|------|---------|--------------|---------------|---------------------|
| API Num | Operator | Distance (miles) | Plug Date | Spud Date | Rng | Tsh | Sec | Well Name | Type | Status | PBTD (ft) | Depth (ft) | Zone |
| 3001531905 | Agave Energy Co | 0.00 | N/A | 8/1/2001 | 25E | 18S | 36 | Metropolis Disposal #1 | AGI | Active | | 10500 | Devonian-Montoya |
| 3001500107 | Gulf Oil Corp | 0.20 | 4/10/1964 | 12/31/1958 | 25E | 18S | 36 | Eddy St Ac 001 | lio | Plugged | 9218 | 9283 | Morrow |
| 3001510561 | Monsanto Oil Co | 0.33 | 6/9/1965 | 5/30/1965 | 25E | 18S | 36 | Kincaid 001 | Oil | Plugged | | 9330 | Morrow |
| 3001523701 | Yates Petroleum Corp | 0.44 | N/A | 2/7/2000 | 25E | 18S | 35 | Rio Penasco JX Com 002 | Gas | Active | 9243 | 9300 | Atoka-Morrow |
| 3001500108 | Gulf Oil Corp | 0.59 | 7/9/1959 | 3/9/1959 | 25E | 18S | 36 | Eddy St AC 002 | 0il | Plugged | | 1802 | San Andres-Yeso-Abo |
| 3001510828 | Yates Petroleum Corp | 0.67 | 4/30/2007 | 5/25/1966 | 25E | 18S | 36 | State AU 001 | Oil | Plugged | 1760 | 1834 | San Andres-Yeso-Abo |
| 3001523292 | Amoco Production Co | 0.72 | 4/7/1993 | 4/25/1980 | 25E | 19S | 1 | Alley 001 | Oil | Plugged | 9316 | 9362 | Morrow |
| 3001521411 | Yates Petroleum Corp | 0.77 | 9/23/2005 | 11/26/1974 | 25E | 18S | 25 | Wilkinson AZ 003 | lio | Plugged | 2341 | 2450 | San Andres-Yeso |
| 3001531906 | Yates Petroleum Corp | 0.79 | N/A | 9/9/2002 | 25E | 185 | 36 | Suburb AZS State 001 | Gas | Active | 9300 | 9340 | Morrow |
| 3001522286 | Yates Petroleum Corp | 0.82 | N/A | 9/6/1977 | 25E | 185 | 25 | Gerard AW 004 | lio | Active | 1540 | 1550 | San Andres-Yeso |
| 3001520137 | Yates Petroleum Corp | 0.88 | 5/22/2006 | 8/28/1994 | 25E | 18S | 25 | Wilkinson AZ 002 | lio | Plugged | 2407 | 2450 | San Andres-Yeso |
| 3001520007 | Yates Petroleum Corp | 0.88 | 10/17/2005 | 5/19/1967 | 25E | 18S | 25 | Wilkinson AZ 001 | lio | Plugged | 3400 | 5120 | San Andres-Yeso |
| 3001520134 | Yates Petroleum Corp | 0.88 | 10/2/1992 | 4/16/1968 | 25E | 18 S | 36 | Lowe BK St 001 | lio | Plugged | 1558 | 1590 | San Andres-Yeso |
| 3001500106 | Resler & Sheldon | 0.91 | 12/1/1957 | 5/24/1957 | 25E | 18S | 26 | Wilkinson 001 | lio | Plugged | | 1401 | San Andres-Yeso |
| 3001523025 | Yates Petroleum Corp | 0.92 | 9/4/1996 | 10/12/1979 | 26E | 18S | 31 | Metcalf LT Com 001 | Oil | Plugged | 3865 | 9370 | San Andres-Yeso |
| 3001521430 | Yates Petroleum Corp | 0.92 | 5/25/2006 | 12/4/1974 | 25E | 18S | 25 | Nix Curtis BH 004 | lio | Plugged | | 1495 | San Andres-Yeso |
| 3001522278 | Yates Petroleum Corp | 0.94 | N/A | 8/30/1977 | 25E | 185 | 26 | Wilkinson AZ 004 | lio | Active | 2422 | 2500 | San Andres-Yeso |
| 3001522328 | Yates Petroleum Corp | 0.94 | 9/22/2010 | 10/30/1977 | 25E | 18S | 35 | Gushwa DR 002 | lio | Plugged | | 2400 | San Andres-Yeso |
| 3001510800 | Yates Petroleum Corp | 0.95 | 11/7/2005 | 6/2/1966 | 25E | 18S | 25 | Gerard AW 001 | oil | Plugged | | 2648 | San Andres-Yeso |
| 3001522652 | Yates Petroleum Corp | 0.96 | N/A | 8/16/1978 | 25E | 185 | 35 | Rio Penasco JX 001 | Gas | Active | 9190 | 9265 | Marrow |
| 3001531719 | Yates Petroleum Corp | 0.98 | N/A | 5/24/2001 | 25E | 18S | 25 | Yates AS Fee Com 006 | Gas | Active | 9151 | 9172 | Morrow |
| 3001522311 | Yates Petroleum Corp | 0.98 | N/A | 10/9/1977 | 25E | 18S | 26 | Babcock IR 001 | lio | Active | | 2500 | San Andres-Yeso |
| 3001523426 | Yates Petroleum Corp | 0.98 | N/A | 9/23/1980 | 25E | 18S | 35 | Gushwa DR 003 | Gas | Active | 9080 | 9160 | Morrow |
| 3001524163 | Anadarko Petrol. Corp | 0.99 | 2/8/1994 | 5/27/1982 | 25E | 19S | 1 | Anderson 001 | Gas | Plugged | 9150 | 9354 | Morrow |
| 3001521406 | Yates Petroleum Corp | 0.99 | N/A | 10/28/1974 | 25E | 18S | 25 | Yates AS Fee 003 | Oil | Active | 1484 | 1620 | San Andres-Yeso |
| 3001521422 | Yates Petroleum Corp | 1.02 | N/A | 11/18/1974 | 25E | 18S | 25 | Yates AS Fee 004 | lio | Active | 2406 | 2475 | San Andres-Yeso |
| 3001525996 | Terra Resources Inc | 1.02 | 11/26/1988 | 10/28/1988 | 26E | 185 | 31 | Sleepy 001 | 0il | Plugged | | 9350 | Morrow |
| 3001521410 | Yates Petroleum Corp | 1.03 | N/A | 11/13/1974 | 25E | 185 | 25 | Gerard AW 003 | lio | Active | 1492 | 1530 | San Andres-Yeso |
| 3001520113 | Yates Petroleum Corp | 1.07 | N/A | 12/27/1967 | 25E | 18S | 25 | Nix Curtis BH 002 | Oil | Active | 1671 | 1705 | San Andres-Yeso |
| 3001521204 | Yates Petroleum Corp | 1.11 | 11/30/2006 | 10/3/1974 | 25E | 185 | 25 | Nix Curtis BH 003 | Oil | Plugged | | 1520 | San Andres-Yeso |
| 3001520016 | Yates Petroleum Corp | 1.12 | 5/23/2006 | 3/3/1967 | 25E | 185 | 25 | Yates AS Fee 002 | lio | Plugged | 4570 | 5917 | San Andres-Yeso |
| 3001510740 | Yates Petroleum Corp | 1.13 | N/A | 2/24/1966 | 25E | 18S | 25 | Yates AS Fee 001 | Oil | Active | | 1859 | San Andres-Yeso |
| 3001523353 | Yates Petroleum Corp | 1.13 | N/A | 7/8/1998 | 25E | 19S | 2 | Rio Penasco KD Com 002 | Gas | Active | 9298 | 9300 | Wolfcamp |
| | | | | | | | | | | | | | |

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| API Num | Operator | Distance (miles) | Plug Date | Spud Date | Rng | Tsh | Sec | Well Name | Type | Status | PBTD (ft) | Depth (ft) | Zone |
|------------|-----------------------|---------------------|-------------|------------|------------|-------------|-----|-------------------------|------|---------|--------------|---------------|-----------------|
| 3001523511 | Yates Petroleum Corp | 1.15 | 6/8/1995 | 11/10/1980 | 26E | 18S | 31 | Stromberg OM 001 | Oil | Plugged | 3085 | 3100 | San Andres-Yeso |
| 3001522136 | Yates Petroleum Corp | 1.16 | 7/1977 | 6/18/1977 | 25E | 185 | 26 | Yates AS Fee 005 | Oil | Plugged | | 822 | San Andres-Yeso |
| 3001522272 | Yates Petroleum Corp | 1.16 | 5/3/2007 | 8/24/1977 | 25E | 185 | 26 | Yates AS Fee 005Y | lio | Plugged | 1533 | 1600 | San Andres-Yeso |
| 3001510886 | Yates Petroleum Corp | 1.18 | 5/9/2002 | 11/12/1966 | 25E | 185 | 25 | Gerard AW 002 | lio | Plugged | 1500 | 2630 | San Andres-Yeso |
| 3001532450 | Yates Petroleum Corp | 1.20 | N/A | 11/22/2002 | 26E | 185 | 31 | Bones Bad 001 | Gas | Active | 8970 | 9350 | Atoka-Morrow |
| 3001521002 | Yates Petroleum Corp | 1.22 | N/A | 10/29/1973 | 25E | 18 S | 35 | Gushwa DR 001 | NO | Active | 2886 | 9220 | San Andres-Yeso |
| 3001524704 | Yates Petroleum Corp | 1.22 | 6/15/2005 | 12/7/1983 | 25E | 185 | 26 | BonnieE YM 001 | lio | Plugged | 3107 | 3250 | San Andres-Yeso |
| 3001520140 | Yates Petroleum Corp | 1.23 | 5/11/2007 | 5/6/1968 | 26E | 185 | 30 | Nickson BM 001 | lio | Plugged | 3410 | 3418 | San Andres-Yeso |
| 3001510890 | Yates Petroleum Corp | 1.24 | N/A | 11/25/1966 | 25E | 185 | 25 | Federal AY 001 | Oil | Active | | 2628 | San Andres-Yeso |
| 3001522293 | Yates Petroleum Corp | 1.25 | 5/7/2007 | 9/14/1977 | 26E | 185 | 30 | Nickson BM 004 | oil | Plugged | 1545 | 1550 | San Andres-Yeso |
| 3001526270 | Nearburg Producing Co | 1.25 | 2/9/1990 | 1/15/1990 | 26E | 19S | 9 | Howe 6 L 001 | lio | Plugged | | 9335 | Morrow |
| 3001505938 | Yates Petroleum Corp | 1.25 | 11/1976 | 1/13/1961 | 25E | 185 | 25 | Yates Fed 001 | Oil | Plugged | | 2323 | San Andres-Yeso |
| 3001522116 | Yates Petroleum Corp | 1.27 | 11/25/2007 | 4/21/1977 | 25E | 18 S | 25 | Yates Federal 003 | oil | Plugged | 1707 | 1750 | San Andres-Yeso |
| 3001521434 | Yates Petroleum Corp | 1.27 | N/A | 12/9/1974 | 25E | 185 | 25 | Hornbaker BA 003 | (ĩO | Active | 2422 | 2500 | San Andres-Yeso |
| 3001520070 | Yates Petroleum Corp | 1.28 | N/A | 6/29/1967 | 25E | 185 | 25 | Nix Curtis BH 001 | lio | Active | 3353 | 3400 | San Andres-Yeso |
| 3001521065 | Yates Petroleum Corp | 1.28 | 11/19/2007 | 11/4/1974 | 25E | 185 | 26 | Yates Federal 002 | liO | Plugged | 2460 | 2552 | San Andres-Yeso |
| 3001520015 | Yates Petroleum Corp | 1.37 | 2/20/1992 | 2/10/1967 | 25E | 185 | 25 | Hornbaker BA 001 | lio | Plugged | 4500 | 5320 | San Andres-Yeso |
| 3001520400 | Yates Petroleum Corp | 1.40 | N/A | 3/24/1971 | 25E | 18S | 25 | Federal AY 002 | lio | Active | 1597 | 0906 | San Andres-Yeso |
| 3001520592 | Yates Petroleum Corp | 1.42 | N/A | 3/15/1972 | 25E | 18S | 25 | Hornbaker BA 002 | lio | Active | 1628 | 9150 | San Andres-Yeso |
| 3001521393 | Yates Petroleum Corp | 1.42 | 7/6/2006 | 10/16/1974 | 26E | 18S | 30 | Nickson BM 003 | io | Plugged | | 1550 | San Andres-Yeso |
| 3001522648 | Yates Petroleum Corp | 1.44 | 4/7/1979 | 8/13/1978 | 26E | 19 S | 9 | Majorie BGR 001 | lio | Plugged | | 9310 | Atoka-Morrow |
| 3001500110 | Yates Petroleum Corp | 1.44 | 1/1976 | 5/3/1960 | 25E | 195 | 2 | CA Land & Cattle Co 001 | lio | Plugged | 2768 | 5818 | San Andres-Yeso |
| 3001522135 | Yates Petroleum Corp | 1.50 | N/A | 4/29/1977 | 25E | 185 | 25 | Stark BG 002 | lio | Active | 1716 | 1723 | San Andres-Yeso |
| 3001523227 | Yates Petroleum Corp | 1.51 | N/A | 4/6/1980 | 25E | 195 | 2 | Rio Penasco KD Com 001 | Gas | Active | 9191 | 9260 | Morrow |
| 3001520056 | Yates Petroleum Corp | 1.56 | 11/21/2003 | 6/6/1967 | 25E | 18 5 | 25 | Stark BG 001 | lio | Plugged | 3342 | 3700 | San Andres-Yeso |
| 3001523801 | Wildcat Energy LLC | 1.56 | 11/15/96 TA | 5/28/1981 | 25E | 19S | 11 | Rio Penasco KD Com 003 | Gas | TA | 8165 | 9360 | Canyon |
| 3001525991 | Nearburg Producing Co | 1.59 | N/A | 9/30/1988 | 25E | 19S | 12 | Rose 12A 001 | Gas | Active | 8800 | 9345 | Strawn |
| 3001523978 | Yates Petroleum Corp | 1.59 | N/A | 11/12/1981 | 25E | 19S | ŝ | Rio Penasco RT Com 001 | Gas | Active | 6154 | 9226 | Wolfcamp |
| 3001520064 | Yates Petroleum Corp | 1.60 | 1/3/2008 | 6/19/1967 | 25E | 185 | 25 | Kincaid BI 001 | lio | Plugged | 3268 | 3300 | San Andres-Yeso |
| 3001522420 | Nearburg Producing Co | 1.61 | 1/31/2001 | 2/17/1978 | 26E | 19S | 9 | Liggett Com 001 | Gas | Plugged | 9305 | 9318 | Morrow |
| 3001500155 | Yates Petroleum Corp | 1.64 | N/A | 3/22/1958 | 25E | 18S | 34 | Scout EH Federal 001 | 0i | Active | | 2800 | San Andres-Yeso |
| 3001523546 | Anadarko Petrol. Corp | 1.67 | 11/1983 | 12/17/1980 | 25E | 19S | 12 | Glass 001 | lio | Plugged | 9020 | 9394 | Atoka |
| 3001520755 | Yates Petroleum Corp | 1.67 | 3/20/1974 | 10/17/1972 | 25E | 185 | 25 | Kincaid BI Com 002 | Öİ | Plugged | 1755 | 9029 | San Andres-Yeso |
| 3001505929 | Yates Petroleum Corp | 1.68 | 1/18/1962 | 11/24/1961 | 26E | 185 | ß | Culpepper(A-F) 001 | Ō | Plugged | | 1330 | San Andres-Yeso |

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| API Num | Operator | Distance (miles) | Plug Date | Spud Date | Rng | Tsh | Sec | Well Name | Type | Status | PBTD (ft) | Depth (ft) | Zone | |
|------------|---------------------------|---------------------|------------|------------|------------------|-------------|-----|--------------------------|------|---------|--------------|---------------|-----------------|---|
| 3001505928 | Yates Petroleum Corp | 1.68 | 9/21/1961 | 7/29/1961 | 26E | 185 | 30 | Culpepper AD 001 | Iio | Plugged | | 9355 | Morrow | |
| 3001523496 | Yates Petroleum Corp | 1.69 | 8/11/2006 | 10/28/1994 | 25E | 185 | 34 | Rio Penasco OJ Com 001 | Gas | Plugged | 8810 | 9140 | Atoka | |
| 3001528499 | Yates Petroleum Corp | 1.72 | N/A | 5/19/1995 | 25E | 185 | 34 | Scout EH Federal Com 00 | lio | Active | 6154 | 6202 | Wolfcamp | |
| 3001500111 | Yates Petroleum Corp | 1.72 | N/A | 4/20/1960 | 25E | 19S | ĸ | Federal AK 001 | lio | Active | | 6100 | Wolfcamp | |
| 3001510243 | Martin Yates Jr et al | 1.73 | 4/1979 | 9/23/1963 | 25E | 18S | 26 | LDY 001 | lio | Plugged | 1380 | 2569 | San Andres-Yeso | |
| 3001521038 | Yates Petroleum Corp | 1.77 | N/A | 12/8/1973 | 25E | 185 | 34 | Scout EH Federal Com 00 | Oil | Active | 5762 | 5922 | Wolfcamp | _ |
| 3001521560 | Yates Petroleum Corp | 1.78 | 8/6/2007 | 7/11/1975 | 2 ⁵ E | 18S | 27 | Scout EH Federal Com 00 | Gas | Piugged | 8868 | 0606 | Atoka-Morrow | |
| 3001520031 | Yates Petroleum Corp | 1.78 | 1/2/2008 | 4/1/1967 | 25E | 18 S | 24 | MOBIL BB 001 | lio | Plugged | 3699 | 5716 | San Andres-Yeso | |
| 3001523114 | Yates Petroleum Corp | 1.85 | 2/1980 | 1/10/1980 | 25E | 185 | 23 | N. Penasco MG Com. 001 | lio | Plugged | | 9040 | Morrow | _ |
| 3001510164 | Yates Petroleum Corp | 1.86 | 6/18/1963 | 2/28/1961 | 25E | 19S | m | John A Yates 001 | Oil | Plugged | | 153 | Wolfcamp | |
| 3001525876 | Nearburg Producing Co | 1.88 | 11/23/2002 | 2/18/1988 | 26E | 19S | 7 | Glass 001 | Gas | Plugged | 9338 | 9401 | Morrow | |
| 3001500258 | Yates Petroleum Corp | 1.92 | 5/9/2005 | 10/16/1960 | 26E | 18 S | 32 | Nix Curtis J F 001 | lio | Plugged | 3202 | 9295 | San Andres-Yeso | |
| 3001523074 | Yates Petroleum Corp | 1.93 | N/A | 12/5/1979 | 25E | <u>195</u> | 11 | Rio Penasco MF Federal (| Gas | Active | 8865 | 9363 | Canyon | - |
| 3001527789 | Yates Petroleum Corp | 1.95 | 2/18/1994 | 2/2/1994 | 25E | 18 5 | 34 | Rio Penasco RT 002 | oil | Plugged | | 6200 | Wolfcamp | |
| 3001522321 | Dorchester Exploration Ir | 1.95 | 1/1978 | 10/28/1977 | 26E | 19S | 7 | Secrest et al 001 | lio | Plugged | | 9415 | Morrow | |
| 3001523726 | Yates Petroleum Corp | 1.97 | N/A | 6/18/1981 | 25E | 18S | 34 | Scout EH Federal Com 00 | Gas | Active | 8765 | 9150 | Wolfcamp | |

1.00

| API Num | Operator | Distance (miles) | Plug Date | Spud Date | Rng | Tsh. | Sec | Well Name | Type | Status | PBTD (ft) | Depth (ft) | Zone |
|------------|-----------------------|---------------------|------------|------------|-----|------|------|------------------------|------|---------|--------------|---------------|---------------------|
| 3001531905 | Agave Energy Co | 0.00 | N/A | 8/1/2001 | 25E | 185 | 36 . | Metropolis Disposal #1 | AGI | Active | | 10500 | Devonian-Montoya |
| 3001500107 | Gulf Oil Corp | 0.20 | 4/10/1964 | 12/31/1958 | 25E | 185 | 36 | Eddy St Ac 001 | Oil | Plugged | 9218 | 9283 | Morrow |
| 3001510561 | Monsanto Oil Co | 0.33 | 6/9/1965 | 5/30/1965 | 25E | 185 | 36 | Kincaid 001 | lio | Plugged | | 0550 | Morrow |
| 3001523701 | Yates Petroleum Corp | 0.44 | N/A | 2/7/2000 | 25E | 18S | 35 | Rio Penasco JX Com 002 | Gas | Active | 9243 | 9300 | Atoka-Morrow |
| 3001500108 | Gulf Oil Corp | 0.59 | 7/9/1959 | 3/9/1959 | 25E | 185 | 36 | Eddy St AC 002 | lio | Plugged | | 1802 | San Andres-Yeso-Abo |
| 3001510828 | Yates Petroleum Corp | 0.67 | 4/30/2007 | 5/25/1966 | 25E | 185 | 36 | State AU 001 | lio | Plugged | 1760 | 1834 | San Andres-Yeso-Abo |
| 3001523292 | Amoco Production Co | 0.72 | 4/7/1993 | 4/25/1980 | 25E | 19S | - | Alley 001 | Oil | Plugged | 9316 | 9362 | Morrow |
| 3001521411 | Yates Petroleum Corp | 0.77 | 9/23/2005 | 11/26/1974 | 25E | 185 | 25 | Wilkinson AZ 003 | lio | Plugged | 2341 | 2450 | San Andres-Yeso |
| 3001531906 | Yates Petroleum Corp | 0.79 | N/A | 9/9/2002 | 25E | 185 | 36 | Suburb AZS State 001 | Gas | Active | 9300 | 9340 | Morrow . |
| 3001522286 | Yates Petroleum Corp | 0.82 | N/A | 9/6/1977 | 25E | 185 | 25 | Gerard AW 004 | lio | Active | 1540 | 1550 | San Andres-Yeso |
| 3001520137 | Yates Petroleum Corp | 0.88 | 5/22/2006 | 8/28/1994 | 25E | 185 | 25 | Wilkinson AZ 002 | lio | Plugged | 2407 | 2450 | San Andres-Yesö |
| 3001520007 | Yates Petroleum Corp | 0.88 | 10/17/2005 | 5/19/1967 | 25E | 185 | 25 | Wilkinson AZ 001 | lio | Plugged | 3400 | 5120 | San Andres-Yeso |
| 3001520134 | Yates Petroleum Corp | 0.88 | 10/2/1992 | 4/16/1968 | 25E | 185 | 36 | Lowe BK St 001 | lio | Plugged | 1558 | 1590 | San Andres-Yeso |
| 3001500106 | Resler & Sheldon | 0.91 | 12/1/1957 | 5/24/1957 | 25E | 185 | 26 | Wilkinson 001 | lio | Plugged | | 1401 | San Andres-Yeso |
| 3001523025 | Yates Petroleum Corp | 0.92 | 9/4/1996 | 10/12/1979 | 26E | 185 | 31 | Metcalf LT Com 001 | oil | Plugged | 3865 | 9370 | San Andres-Yeso |
| 3001521430 | Yates Petroleum Corp | 0.92 | 5/25/2006 | 12/4/1974 | 25E | 185 | 25 | Nix Curtis BH 004 | oit | Plugged | | 1495 | San Andres-Yeso |
| 3001522278 | Yates Petrolęum Corp | . 0.94 | N/A | 8/30/1977 | 25E | 185 | 26 | Wilkinson AZ 004 | lio | Activé | 2422 | 2500 | San Andres-Yeso |
| 3001522328 | Yates Petroleum Corp | 0.94 | 9/22/2010 | 10/30/1977 | 25E | 185 | 35 | Gushwa DR 002 | lio | Plugged | | 2400 | San Andres-Yeso |
| 3001510800 | Yates Petroleum Corp | 0.95 | 11/7/2005 | 6/2/1966 | 25E | 185 | 25 | Gerard AW 001 | lio | Plugged | | 2648 | San Andres-Yeso |
| 3001522652 | Yates Petroleum Corp | 0.96 | N/A | 8/16/1978 | 25E | 185 | 35 | Rio Penasco JX 001 | Gas | Active | 9190 | 9265 | Morrow |
| 3001531719 | Yates Petroleum Corp | 0.98 | N/A | 5/24/2001 | 25E | 185 | 25 | Yates AS Fee Com 006 | Gas | Active | 9151 | 9172 | Morrow |
| 3001522311 | Yates Petroleum Corp | 0.98 | N/A | 10/9/1977 | 25E | 185 | 26 | Babcock IR 001 | lio | Active | | 2500 | San Andres-Yeso |
| 3001523426 | Yates Petroleum Corp | 0.98 | N/A | 9/23/1980 | 25E | 185 | 35 | Gushwa DR 003 | Gas | Active | 9080 | 9160 | Marrow |
| 3001524163 | Anadarko Petrol. Corp | 66.0 | 2/8/1994 | 5/27/1982 | 25E | 195 | 1 | Anderson 001 | Gas | Plugged | 9150 | 9354 | Morrow |
| 3001521406 | Yates Petroleum Corp | 0.99 | N/A | 10/28/1974 | 25E | 18S | 25 | Yates AS Fee 003 | Oil | Active | 1484 | 1620 | San Andres-Yeso |

Table B-2. All Wells Within One Mile of Metropolis Disposal #1 (see Figure B-2 for Locations)

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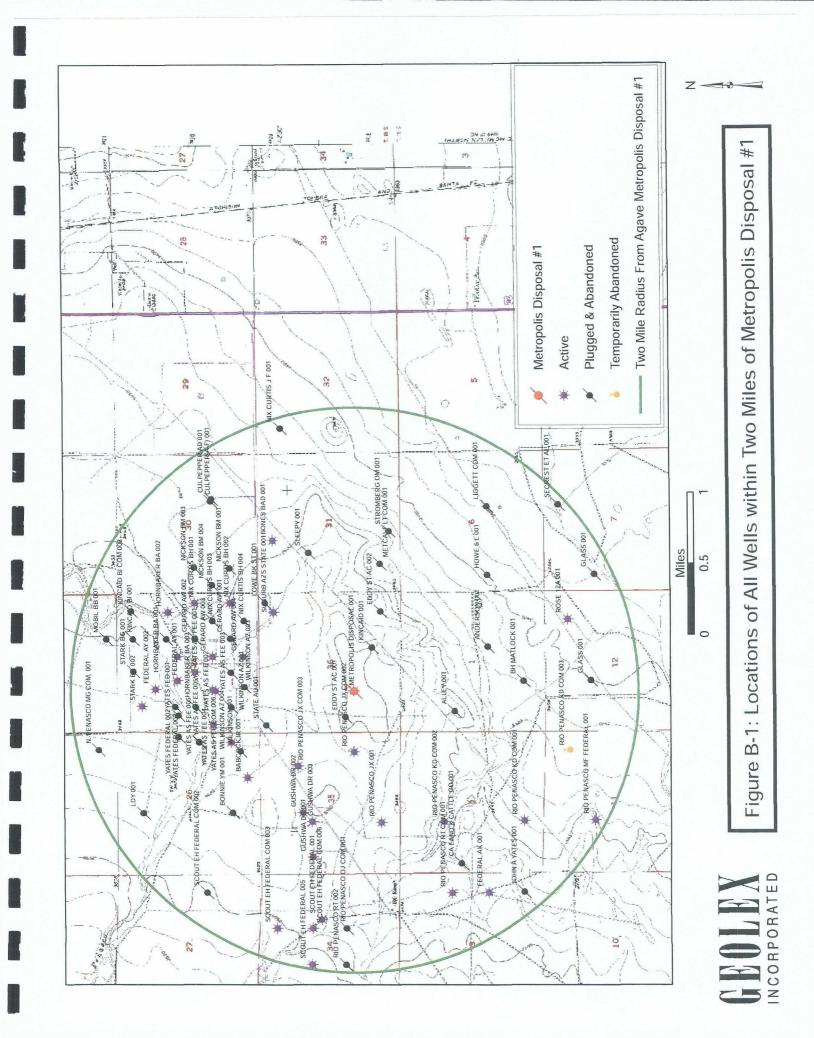
- "P'4"

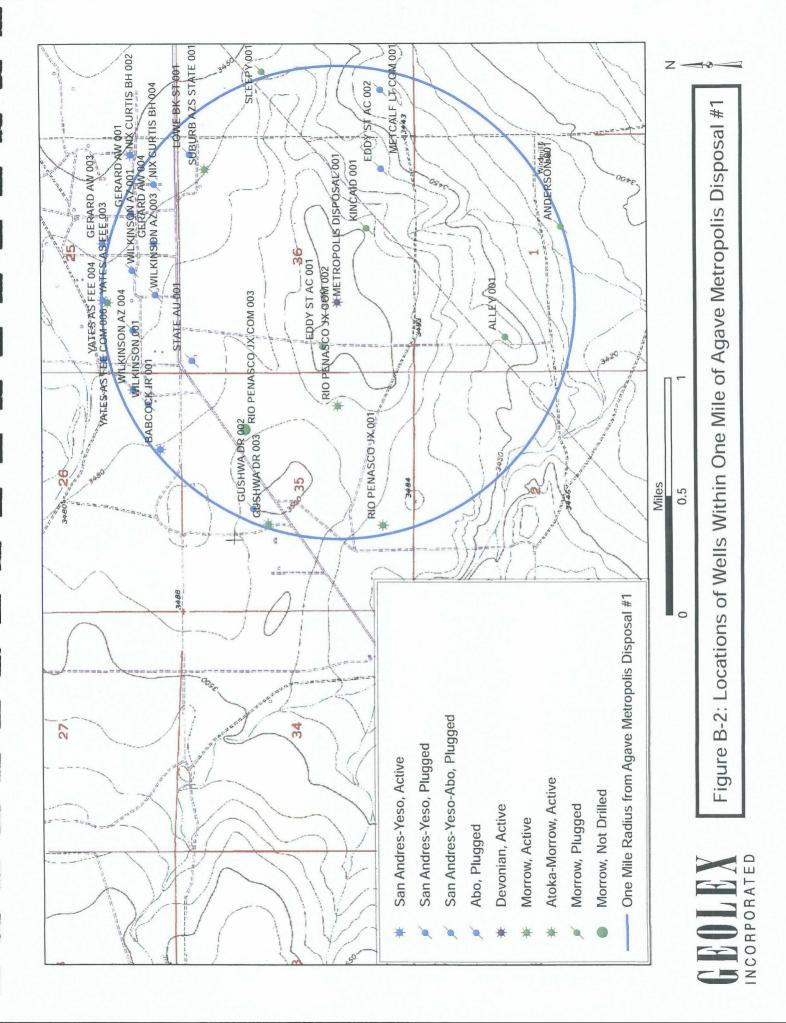
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APPENDIX C

Well Records, Documentation, and Plugging Diagrams for All Plugged Wells within One Mile of Metropolis Disposal #1

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| Distance Plug Date Spud Date Rng Tsh Sec W (miles) 4/10/1964 12/31/1958 25F 18S 36 0.20 4/10/1964 12/31/1958 25F 18S 36 0.33 6/9/1965 5/30/1965 25F 18S 36 0.59 7/9/1959 3/9/1959 25F 18S 36 0.57 4/7/1993 4/25/1980 25F 18S 36 0.72 4/7/1993 4/25/1994 25F 18S 36 0.77 9/23/2005 11/26/1974 25F 18S 25 0.88 10/17/2005 5/19/1967 25F 18S 25 0.88 10/2/1992 4/16/1968 25F 18S 36 0.91 12/1/1957 5/24/1957 25F 18S 36 0.92 5/25/2006 12/4/1974 25F 18S 36 0.92 5/24/1957 5/24/1957 25F 18S | | | | | | | |
|---|-------------------|-------------|----------------|---------|----------------|---------------|---------------------|
| 0.20 4/10/1964 12/31/1958 25E 185 36 0.33 6/9/1965 5/30/1965 25E 185 36 0.59 7/9/1959 3/9/1959 25E 185 36 0.57 4/70/1963 5/25/1966 25E 185 36 0.57 4/71/1993 4/25/1966 25E 185 36 0.77 9/23/2005 5/25/1966 25E 185 36 0.77 9/23/2005 11/26/1974 25E 185 25 0.77 9/23/2005 11/26/1974 25E 185 25 0.88 10/17/2005 5/19/1967 25E 185 25 0.88 10/2/1992 4/16/1968 25E 185 26 0.92 5/24/1957 5/24/1957 25E 185 36 0.92 5/25/2006 12/4/1974 25E 185 36 0.92 5/25/2006 12/4/1977 25E 185 36 0.92 5/25/2006 12/4/1977 25E 185 36 | Rng | | Type | Status | PBTD ((ft) | Depth (ft) | Zone |
| 0.33 6/9/1965 5/30/1965 25E 185 36 0.59 7/9/1959 3/9/1959 25E 185 36 0.67 4/30/2007 5/25/1966 25E 185 36 0.72 4/7/1993 4/25/1980 25E 185 36 0.72 4/7/1993 4/25/1980 25E 185 36 0.77 9/23/2005 11/26/1974 25E 185 25 0.88 5/22/2006 8/28/1994 25E 185 25 0.88 10/17/2005 5/19/1967 25E 185 25 0.88 10/17/2005 5/19/1967 25E 185 25 0.92 9/4/1996 10/12/1979 26E 185 26 0.92 9/4/1996 10/12/1979 26E 185 25 0.92 5/24/1957 25E 185 36 0.92 9/4/1996 10/12/1979 26E 185 25 0.92 9/2/2/2010 10/30/1977 25E 185 36 0.92 | 25E | | c 001 Oil | Plugged | 9218 | 9283 | Morrow |
| 0.59 $7/9/1959$ $3/9/1959$ $25E$ 185 36 0.67 $4/30/2007$ $5/25/1966$ $25E$ 185 36 0.77 $4/7/1993$ $4/25/1980$ $25E$ 195 1 0.77 $9/23/2005$ $11/26/1974$ $25E$ 195 1 0.77 $9/23/2005$ $11/26/1974$ $25E$ 185 25 0.88 $5/22/2006$ $8/28/1994$ $25E$ 185 25 0.88 $10/17/2005$ $5/19/1967$ $25E$ 185 25 0.88 $10/17/2005$ $5/19/1967$ $25E$ 185 25 0.91 $12/1/1957$ $5/24/1957$ $25E$ 185 26 0.92 $9/4/1996$ $10/12/1979$ $26E$ 185 26 0.92 $5/25/2006$ $12/4/1974$ $25E$ 185 25 0.94 $9/22/2010$ $10/30/1977$ $25E$ 185 25 0.95 $11/7/2005$ $6/2/1966$ $25E$ 185 25 0.95 $11/7/2005$ $6/2/1966$ $25E$ 185 25 | 25E | | 01 Oil | Plugged | • | 9330 | Morrow |
| 0.67 4/30/2007 5/25/1966 25E 185 36 0.72 4/7/1993 4/25/1980 25E 195 1 0.77 9/23/2005 11/26/1974 25E 195 1 0.77 9/23/2005 11/26/1974 25E 185 25 0.88 5/22/2006 8/28/1994 25E 185 25 0.88 10/17/2005 5/19/1967 25E 185 25 0.88 10/2/1992 4/16/1968 25E 185 25 0.88 10/2/1992 4/16/1967 25E 185 36 0.91 12/1/1957 5/24/1979 25E 185 36 0.92 9/4/1996 10/12/1979 26E 185 36 0.92 5/25/2006 12/4/1974 25E 185 35 0.92 5/25/2006 12/4/1979 25E 185 35 0.92 9/25/2006 12/4/1979 25E 185 35 0.92 9/22/2010 10/30/1977 25E 185 35 | 25E | | C 002 Oil | Plugged | | 1802 San / | San Andres-Yeso-Abo |
| 0.72 4/7/1993 4/25/1980 25E 195 1 0.77 9/23/2005 11/26/1974 25E 185 25 0.88 5/22/2006 8/28/1994 25E 185 25 0.88 5/22/2006 8/28/1994 25E 185 25 0.88 10/17/2005 5/19/1967 25E 185 25 0.88 10/2/1992 4/16/1968 25E 185 36 0.91 12/1/1957 5/24/1957 25E 185 36 0.92 9/4/1996 10/12/1979 26E 185 31 0.92 5/25/2006 12/4/1974 25E 185 25 0.94 9/22/2010 10/13/1977 25E 185 25 0.94 9/22/2010 10/30/1977 25E 185 35 0.95 11/7/2005 6/2/1966 25E 185 25 | 25E | | 001 Oil | Plugged | 1760 | 1834 San / | San Andres-Yeso-Abo |
| 0.77 9/23/2005 11/26/1974 25E 185 25 0.88 5/22/2006 8/28/1994 25E 185 25 0.88 10/17/2005 5/19/1967 25E 185 25 0.88 10/17/2005 5/19/1967 25E 185 25 0.88 10/2/1992 4/16/1968 25E 185 25 0.91 12/1/1957 5/24/1957 25E 185 36 0.92 9/4/1996 10/12/1979 26E 185 31 0.92 5/25/2006 12/4/1974 25E 185 25 0.92 5/25/2006 12/4/1977 25E 185 35 0.93 5/22/2010 10/30/1977 25E 185 35 0.95 11/7/2005 6/2/1966 25E 185 35 | 25E | 1 Alley 001 | liO | Plugged | 9316 | 9362 | Morrow |
| 0.88 5/22/2006 8/28/1994 25E 185 25 0.88 10/17/2005 5/19/1967 25E 185 25 0.88 10/2/1992 4/16/1968 25E 185 25 0.81 10/2/1992 4/16/1968 25E 185 36 0.91 12/1/1957 5/24/1979 25E 185 36 0.92 9/4/1996 10/12/1979 26E 185 31 0.92 5/25/2006 12/4/1974 25E 185 35 0.94 9/22/2010 10/30/1977 25E 185 35 0.94 9/22/2010 10/30/1977 25E 185 35 0.95 11/7/2005 6/2/1966 25E 185 35 | 25E | | n AZ 003 Oil | Plugged | 2341 | 2450 Sa | San Andres-Yeso |
| 0.88 10/17/2005 5/19/1967 25E 18S 25 0.88 10/2/1992 4/16/1968 25E 18S 36 0.91 12/1/1957 5/24/1957 25E 18S 36 0.92 12/1/1957 5/24/1959 26E 18S 26 0.92 9/4/1996 10/12/1979 26E 18S 31 0.92 5/25/2006 12/4/1974 25E 18S 25 0.94 9/22/2010 10/30/1977 25E 18S 35 0.95 11/7/2005 6/2/1966 25E 18S 25 | 25E | | i AZ 002 Oil | Plugged | 2407 | 2450 Sa | San Andres-Yeso |
| 0.88 10/2/1992 4/16/1968 25E 185 36 0.91 12/1/1957 5/24/1957 25E 185 26 0.92 9/4/1996 10/12/1979 26E 185 31 0.92 5/25/2006 12/4/1974 25E 185 31 0.92 5/25/2006 12/4/1977 25E 185 25 0.94 9/22/2010 10/30/1977 25E 185 35 0.95 11/7/2005 6/2/1966 25E 185 25 | 25E | | n AZ 001 Oil | Plugged | 3400 | 5120 Sa | San Andres-Yeso |
| 0.91 12/1/1957 5/24/1957 25E 18S 26 0.92 9/4/1996 10/12/1979 26E 18S 31 0.92 5/25/2006 12/4/1974 25E 18S 31 0.94 9/22/2010 10/30/1977 25E 18S 35 0.94 9/22/2010 10/30/1977 25E 18S 35 0.95 11/7/2005 6/2/1966 25E 18S 25 | 25E | | St 001 Oil | Plugged | 1558 | 1590 Sa | San Andres-Yeso |
| 0.92 9/4/1996 10/12/1979 26E 18S 31 0.92 5/25/2006 12/4/1974 25E 18S 25 0.94 9/22/2010 10/30/1977 25E 18S 35 0.95 11/7/2005 6/2/1966 25E 18S 25 | 25E | | 1 001 Oil | Plugged | | 1401 Sa | San Andres-Yeso |
| 0.92 5/25/2006 12/4/1974 25E 18S 25 0.94 9/22/2010 10/30/1977 25E 18S 35 0.95 11/7/2005 6/2/1966 25E 18S 25 | 26E | | .T Com 001 Oil | Plugged | 3865 | 9370 Sa | San Andres-Yeso |
| 0.94 9/22/2010 10/30/1977 25E 18S 35 0.95 11/7/2005 6/2/1966 25E 18S 25 | 25E | | s BH 004 Oil | Plugged | | 1495 Sa | San Andres-Yeso |
| 0.95 11/7/2005 6/2/1966 25E 18S 25 | 25E | | DR 002 0il | Plugged | | 2400 Sa | San Andres-Yeso |
| | 25E | | W 001 Oil | Plugged | | 2648 Sa | San Andres-Yeso |
| 25E | 5/27/1982 25E 19S | | 1 001 Gas | Plugged | 9150 | 9354 | Morrow |

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Table C-1. All Wells Within One Mile of Metropolis Disposal #1 (see Figure C-1 for Locations)

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10 A. 4

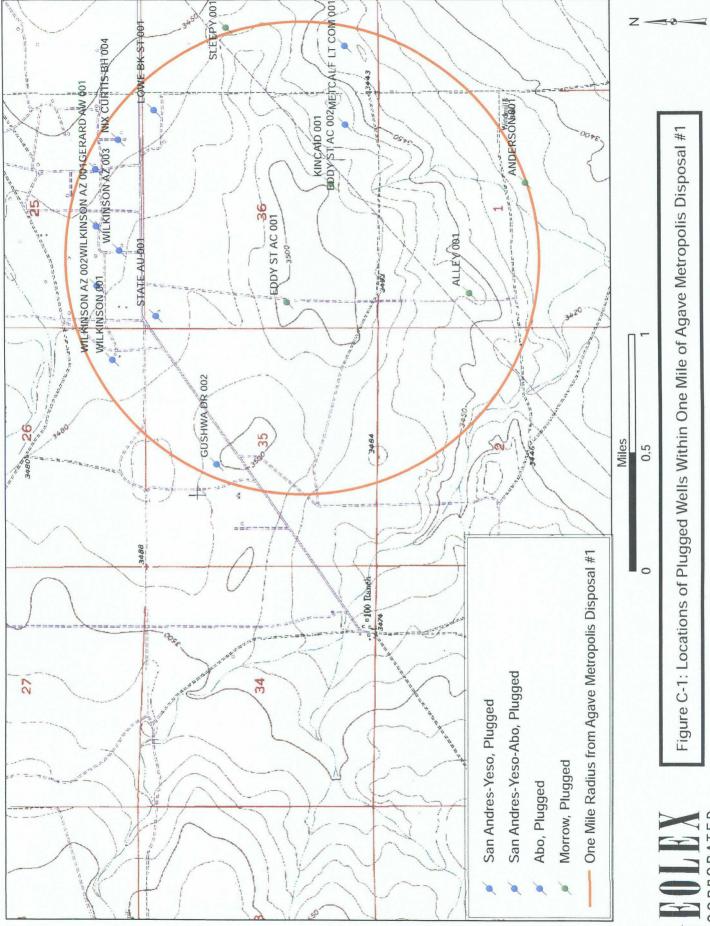
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INCORPORATED

EDDY ST AC 001 API# 30-015-00107 LOCATED 0.20 MILES FROM METROPOLIS DISPOSAL #1

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NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

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at so a

MISCELLANEOUS NOTICES

Submit this notice in TRIPLICATE to the District Office, Oil Conservation Commission, before the work specified is to begin. A copy will be returned to the sender on which will be given the approval, with any modifications considered advisable, or the rejection by the Commission or agent, of the plan submitted. The plan as approved should be followed, and work should not begin until approval is obtained. See additional instructions in the Rules and Regulations of the Commission.

Indicate Nature of Notice by Checking Below

| OTICE OF INTENTION O CHANGE PLANS | | DTICE OF INTENTION TO EMPORARILY ABANDON WELL | NOTICE OF INTENTION TO DRILL DEEPER | REDEIV |
|--|---|--|---|--|
| OTICE OF INTENTION O PLUG WELL | | OTICE OF INTENTION Plug Back | Notice of Intention to Set Liner | MAR 2.3 156 |
| IOTICE OF INTENTION 0 Squeeze | | OTICE OF INTENTION | Notice of Intention to Shoot (Ning) | ARTEBIA, OFFICE |
| OTICE OF INTENTION O GUN PERFORATE | | otice of Intention Other) | NOTICE OF INTENTION (OTHER) | |
| DIL CONSERVATION COM ANTA FE, NEW MEXICO | MISSION | Hobbs, New Met | ······································ | 1.964 |
| Gentlemen: | | | | |
| | tention to do cert | ain work as described below a | the | |
| Competition | iny or Operator) | Lesse | Well No. 1 | in |
| 14 SW 14 of (40-acre Bubdivision) | Sec | , T. 10-0 , R 29-6 | NMPM., MILICES | Pool |
| 1. Set CI BP at 2. Any free pei with jet cut | ; approximat indicato iter and pul. | r and out 5-1/2" can l casing. | ing off immediately abo | _ |
| 1. Set (I BP at 2. Buy free ped with jet cut 3. Spot cement Permo-Penn, 2200' to 210 and 50' to a cement plug hele, and p | approximat iter and pul plug from 8 5750' to 56 0' - across markee. If will be set lugs to sur | ely 8950' and spot r and cut 5-1/2" eau l casing. 050 to 7950 - acres: 50' - across W. C. (Olorietta, 1250' to the casing is recov across the cut with | 5 make commt on top. Fing off immediately above s casing cut, 6900' to 6 Trab, 1500' to 100' - a co 1150' - across surface rered from a shallower do 1 50' inside casing and | 800' - across eross top Abs, casing shee with a 100' |
| Set CI BP at Buny free pei with jet cut Spot cement Permo-Penn, 2200' to 210 and 50' to a cement phag hele, and p Install k" X | approximat iter and pul plug from 8 5750' to 56 0' - across markee. If will be set lugs to sur | ely 8950' and spot i r and cut 5-1/2" eau 1 caming. 050 to 7950 - acres: 50' - across W. C. (Chorietta, 1250' to the caming is record across the cut with face. e marker and clean i | b sacks commt on top. Fing off immediately above to casing out, 6900' to 6 Greb, 4500' to 4400' - a to 1150' - across surface wered from a shallower d to 50' inside casing and location. | 800' - across eross top Abs, casing shee with a 100' |
| 1. Set CI BP at 2. Buy free pei with jet cut 3. Spot cement Permo-Penn, 2200' to 210 and 50' to a cement plug hele, and p hele, and p hele, and p | approximat nt indicato ter and pul plug from 8 5750' to 56 0' - across marface. If will be set lugs to sur: k' dry hol | ely 8950' and spot i r and cut 5-1/2" eau 1 caming. 050 to 7950 - acres: 50' - across W. C. (Chorietta, 1250' to the caming is record across the cut with face. e marker and clean i | b sacks commt on top. Fing off immediately above a casing out, 6900' to 6 Trab, 4500' to 4400' - a b 1150' - across surface word from a shallower d a 50' inside casing and location. | 800' - across eross top Abs, casing shee with a 100' |
| L. Set CI BP at 2. Buy free pel with jet cut 3. Spot cement Furme-Penn, 2200' to 210 and 50' to 2 cement plug hele, and p 4. Install A" I Approved. MAR 2 Except as follows: | approximat nt indicato ter and pul plug from 8 5750' to 56 0' - across merice. If will be set lugs to sur k' dry hol 3 1964 | ely 8950' and spot i r and cut 5-1/2" eau l casing. 050 to 7950 - acress 50' - acress W. C. (Olorietta, 1250' to the casing is recov across the cut with face. e marker and clean : By | b sacks commt on top. Fing off immediately above a casing out, 6900' to 6 Trab, 4500' to 4400' - a b 1150' - across surface word from a shallower d a 50' inside casing and location. | 800' - asress eross top Abe, oasing shee epth a 100' 50' in open |
| 1. Set OI BP at 2. Buy free pel with jet cut 3. Spot cement Permo-Penn, 2200' to 210 and 50' to a cement plug hele, and p 4. Install 4" X Approved OIL CONSERVATION COMM | approximat nt indicato ter and pul plug from 8 5750' to 56 0' - across merice. If will be set lugs to sur k' dry hol 3 1964 | ely 8950' and spot i r and cut 5-1/2" can l cazing. 050 to 7950 - acres: 50' - across W. C. (Olorietta, 1250' to the cazing is record across the cut with face. e marker and clean : By | b sacks commt on top. Fing off immediately above s casing cut, 6900' to 6 Greb, 4500' to 4400' - a coll50' - across surface rered from a shallower d a 50' inside casing and location. Deliginal Corporation Deliginal Corporation | 800' - asress eross top Abe, oasing shee epth a 100' 50' in open |

| , | | n ; a · · · | | | 198 | <u>of:</u> - | 660fWf | nj-1 | <u> </u> |
|--|--|---|---|--|---|---|--|--|--|
| HUNBER 2' COPI | | | MISCEL | LANEOU | ONSER S REP | VATION C | COMMISSIO N WELLS | N | FORM C-103 (Rev 3-55) |
| Name of Comp | | | | Addre | | | | | |
| Oalf 01] Lease | L Corporatio | 911 | Well No. | | | HGDDa, J Township | im Marico | Range | |
| Date Work Per | | Pool | 1 | L | 36 | 18-8 County | <u></u> | 25 | <u>-I</u> |
| 3-31 to | 4-10-64 | Wildca | | 05 (6) 1 | | Ent | <u>k</u> | | |
| | eg Drilling Opera | | S A REPORT | | | Other (E | Explain): | · | ······ |
| Plugging | | C-Lease | emedial Work | | | | , ., | | |
| | md 50' in (35 sacks fre | on 4500' to 14 | ه دو وال | ACKS ITO | 1 2200 | | | | TEAM 1230. 1 |
| 1150'- | 35 sacks fre across surf | em 4500' to 44 face casing sh nd installed d | oe. Spot | ted 18 m | icks fi | rom 0 to | 50' in to indoned Ap REC APR | | 9, E1,554 . 1964 |
| 1150' - Cleaned | 35 sacks fre across sari location an | face casing sh | Position | ited 18 m | ecks fr | Company | 50' in to Indoned Ap R E C APR | | 9, 61,564 1964 |
| 1150' - Cleansd | 35 sacks fre across sari location an | face casing sh nd installed d | Position Produc LOW FOR R | tion For Executed 18 and States for the second seco | ecks fr Plugget Emen WORK R | Company Gulf Oi | 50' in to indoned Ap R E C APR C L Corpore | | 9, E1,554 . 1964 |
| Ulso - Cleaned | 35 sacks fre across surf location an | FILL IN BE | Position Produc LOW FOR R ORIG | tion For REMEDIAL INAL WELL | ecks fr Plugge Emen WORK R | Company Galf 01 EPORTS 01 | 50' in to Indoned Ap R E APR I Corpore | P of E17 1. C. ESIA. ESIA. | Derrice |
| Vitnessed by R. W. Sa D F Elev. | 35 sacks free across surf location and ands | FILL IN BE | Position Produc LOW FOR R | ted 18 m mrker. | EMEN WORK R DATA | Company Gulf Of Producing | 50' in to indoned Ap R E C APR I Corpora NLY | P of (E) V 17' | npletion Date |
| Vitnessed by R. W. Sa D F Elev. | 35 sacks free across surf location and ands | FILL IN BE | Position Produc LOW FOR R ORIG | ted 18 m mrker. | ecks fr Plugge Emen WORK R | Company Gulf Of Producing | 50' in to indoned Ap R E C APR I Corpora NLY | P of (E) V 17' | npletion Date |
| User - Cleaned Witnessed by R. W. Se D F Elev. Tubing Diame | 35 sacks fre across surf location an ands | FILL IN BE | Position Produc LOW FOR R ORIG | ted 18 m mrker. | EMEN WORK R DATA | Company Gulf Of Producing | 50' in to indoned Ap R E C APR I Corpora NLY | P of (E) V 17' | npletion Date |
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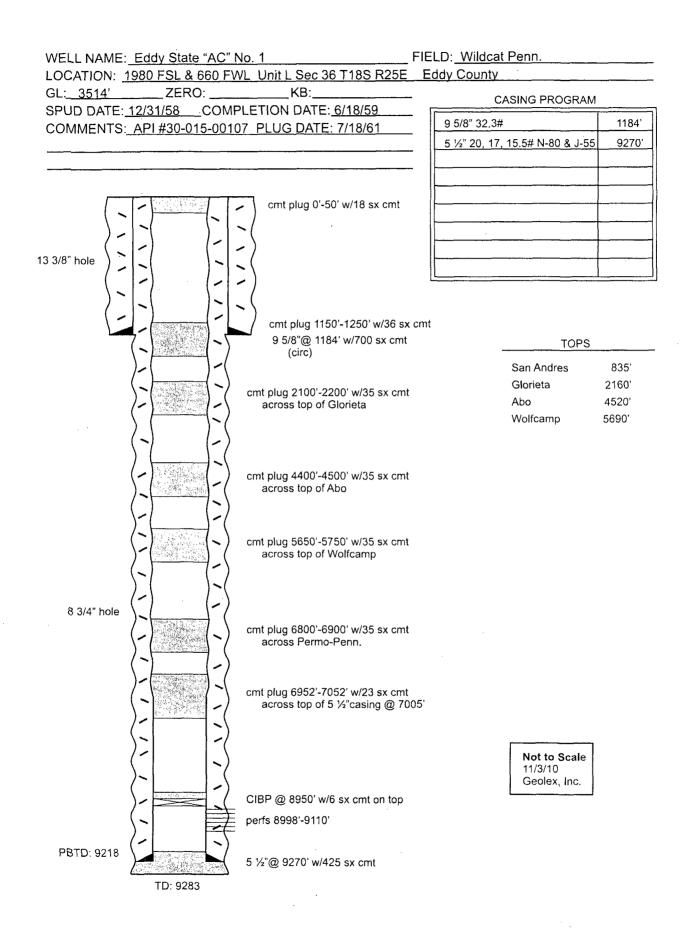
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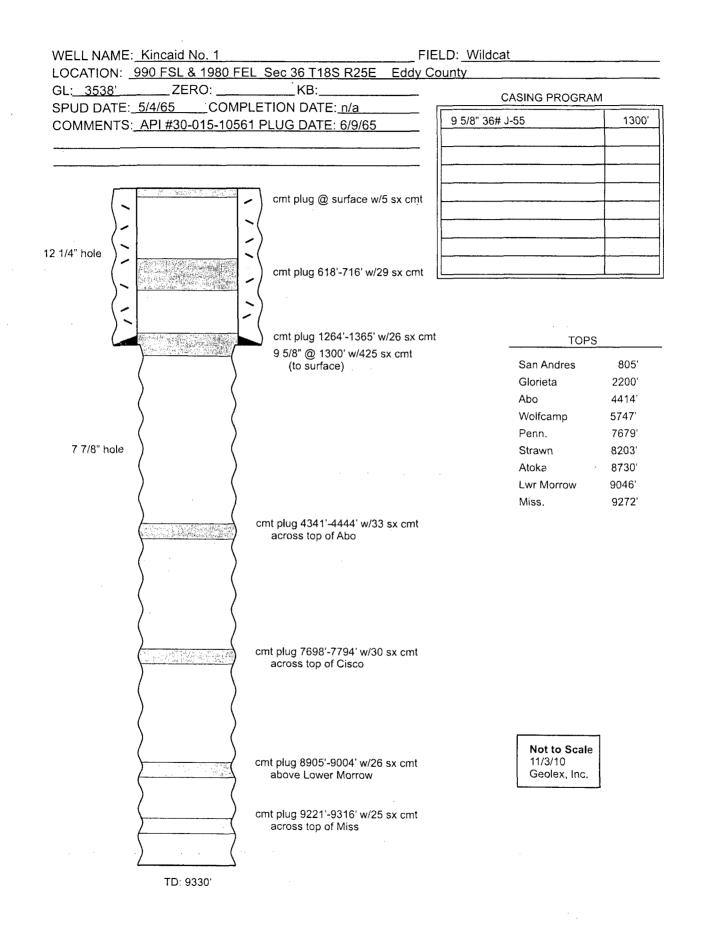
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EDDY ST AC 002 API# 30-015-00108 LOCATED 0.59 MILES FROM METROPOLIS DISPOSAL #1

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| Name of Company | | | | A | ddress | | | | | |
| Gulf | Oil Corpo | | | | | x 216 | | bbs, New | | |
| Lease Bdy 8 | tate "AC" | | Well No. 2 | | | S | Township 18-5 | | Range | 25-X |
| Date Work Performed | I P | ool Wildes | ŧ | | | C | County | ▼ | | |
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| Witnessed by N. B. | Jordan | | Positio Ple | Ld Fore | 168.2 | | Company Omlf | 011 Coz | rporati | OR |
| Witnessed by N, B , | , Jordan | FILL IN BE | Flei | REMEDI | AL WOR | RK RE | Gulf | | rporati | OR |
| Witnessed by N, B D F Elev. | Jordan T D | FILL IN BE | Flei | REMEDI | AL WOR | RK RE | Gulf | ILY | | OR mpletion Date |
| X, B, | T D | FILL IN BE Tubing Depth | LOW FOR ORI | REMEDI | AL WOR | RK RE | Calf PORTS Of Producing | Interval | | mpletion Date |
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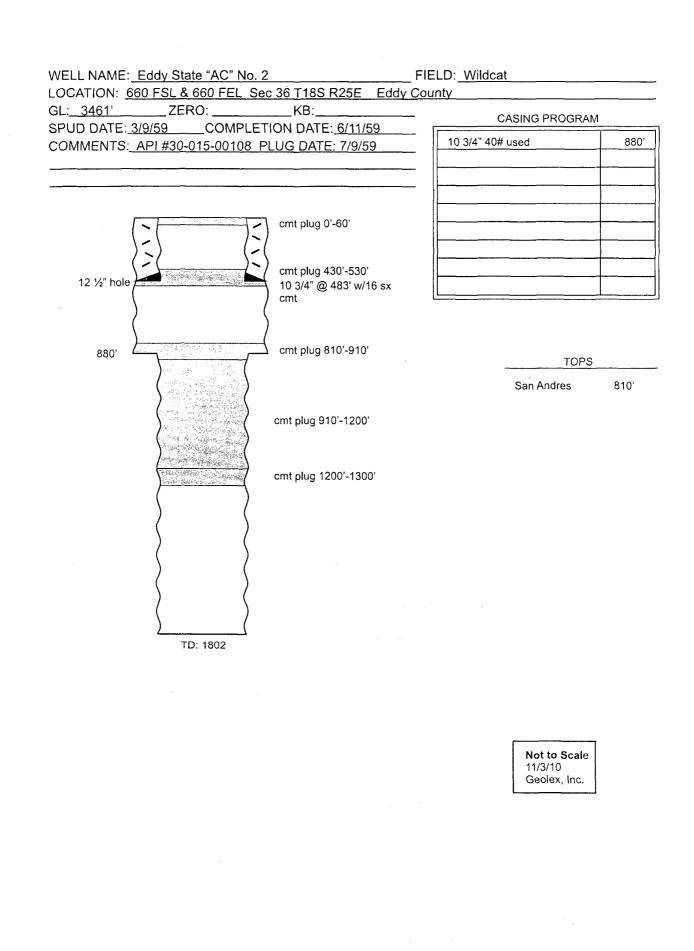
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STATE AU 001 API# 30-015-10828 LOCATED 0.67 MILES FROM METROPOLIS DISPOSAL #1

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| Submit 3 Copies To Appropriate District | State of Ne | ew Mexico | Form C-103 |
|--|----------------------------------|--------------------------------------|--|
| Office District I | Energy, Minerals an | d Natural Resources | May 27, 2004 |
| 1625 N. French Dr., Hobbs, NM 88240 | | | WELL API NO. |
| <u>District II</u> 1301 W. Grand Ave., Artesia, NM 88210 | OIL CONSERVA | TION DIVISION | 30-015-10828 5. Indicate Type of Lease |
| District III | 1220 South S | t. Francis Dr. | STATE STATE |
| 1000 Rio Brazos Rd., Aztec, NM 87410 District IV | Santa Fe, I | NM 87505 | 6. State Oil & Gas Lease No. |
| 1220 S. St. Francis Dr., Santa Fe, NM 87505 | | | E 10165 |
| | TICES AND REPORTS ON V | VELLS | E-10165 7. Lease Name or Unit Agreement Name |
| (DO NOT USE THIS FORM FOR PROP | OSALS TO DRILL OR TO DEEPEN | NOR PLUG BACK TO A | 7. Lease Mane of Chit Agreement Mane |
| DIFFERENT RESERVOIR. USE "APPI PROPOSALS.) | JCATION FOR PERMIT" (FORM C | C-101) FOR SUCH | State AU |
| 1. Type of Well: Oil Well | Gas Well 🗌 Other | | 8. Well Number |
| 2. Name of Operator Yates Petroleum Corpora | tion | FEB 2 0 2007 OCD - ARTESIA NW | 9. OGRID Number 025575 |
| 3. Address of Operator | | | 10. Pool name or Wildcat |
| 105 S. 4 th Street, Artesia | , NM 88210 | | Penasco Draw San Andres Yeso |
| 4. Well Location | | | 1 |
| Unit Letter <u>D</u> : | 330 feet from the | North line and | 330 feet from the West line |
| Section 36 | | Range 25E | NMPM Eddy County |
| | | her DR, RKB, RT, GR, etc. 3477'GR | |
| Pit or Below-grade Tank Application | or Closure | | |
| Pit type Depth to Groundwa | ter Distance from neares | t fresh water well Dis | stance from nearest surface water |
| Pit Liner Thickness: m | il Below-Grade Tank: Volun | nebbls; Co | onstruction Material |
| 12. Check | Appropriate Box to Indi | cate Nature of Notice, | Report or Other Data |
| NOTICE OF I | NTENTION TO: | SUB | SEQUENT REPORT OF: |
| PERFORM REMEDIAL WORK |] PLUG AND ABANDON | REMEDIAL WOR | K 🗌 ALTERING CASING 🗌 |
| TEMPORARILY ABANDON | | COMMENCE DR | |
| PULL OR ALTER CASING |] MULTIPLE COMPL [| CASING/CEMEN | т јов |
| OTHER: | ſ | OTHER: | |
| 13. Describe proposed or con | pleted operations. (Clearly si | | d give pertinent dates, including estimated date |
| of starting any proposed v or recompletion. | vork). SEE RULE 1103. For | Multiple Completions: At | ttach wellbore diagram of proposed completion |
| of recompletion. | | | |
| Yates Petroleum Corporation plans | to plug and abandon this wel | l as follows: | |
| 1 Rig up all safety equipment as a | needed POOH with TAC S/ | N perf sub mud joint with | bull plug and all but 533' of tubing. |
| 2. RIH with gauge ring and junk b | | , port sub, mud joint with | our plug and an out 555 of tubing. |
| 3. Set a 4-1/2" CIBP at 1150' with | a 35' cement on top. | | |
| 4. Spot 100' cement plug (25 sx) a 5. Spot 100' cement plug (25 sx) a | | | |
| 6. Cut off wellhead and install dry | | | |
| | | | |
| NOTE: Yates Petroleum Corporat | ion will use steel pits and no e | earth pils | |
| | | | Notity OCD 24 hrs. prior |
| | | | To any work dong. |
| | | | - |
| I hereby certify that the informatio | nabove is true and complete t | to the best of my knowledge | e and belief. I further certify that any pit or below- |
| grade tank has been/will be constructed | or closed according to NMOCD gui | delines 🗌, a general permit 🗍 | or an (attached) alternative OCD-approved plan []. |
| SIGNATURE (Jan | untas TITLE | Regulatory Compliance Si | upervisor DATE February 16, 2007 |
| Type or print name Tina Hu | erta E-mail ad | dress: <u>tinah@ypcnm.c</u> | |
| For State Use Only | 1 | / | |
| APPROVED BY: | Tuftin TI | TLE Luthy. | DATE 420/07 |
| Conditions of Approval (if any): | · · · | | |
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| 1625 N. French Dr., Hobbs, | , NM 88240 | 0.7 | | | WELL API NC | | |
| <u>District II</u> 1301 W. Grand Ave., Artesi | 5 NM 88710 | OIL CONSE | ERVATION | DIVISION | | 0-015-10828 | |
| District III | a, 19191 00210 | · · · · | outh St. Fran | | 5. Indicate Typ | | - |
| 1000 Rio Brazos Rd., Aztec | ., NM 87410 | | a Fe, NM 87 | | STATE 6. State Oil & | | |
| <u>District IV</u> 1220 S. St. Francis Dr., San | ta Fe. NM | | a i 0, i 4141 07 | Month | 1 | Jas Lease No. | |
| 87505 | | | | I MAY | The second se | E-10165 | |
| SUR | NDRY NOTI | CES AND REPORTS | S ON WELLS | OCD - AT | V. Lease Name | or Unit Agreemen | t Name |
| (DO NOT USE THIS FORM DIFFERENT RESERVOIR | M FOR PROPOS | ALS TO DRILL OR TO I | DEEPEN OR PLI | JG BACK TO A | NA NA | State AU | |
| PROPOSALS.) 1. Type of Well: Oil | Well | Gas Well 🔲 🛛 C | Other P&A | | 8. Well Numbe | er 1 | |
| 2. Name of Operator | | | | | 9. OGRID Nur | | |
| Yates Petroleu | | n | | | | 025575 | |
| Address of Operator 105 S. 4th Street | | JM 88210 | | | 10. Pool name Penasco I | or Wildcat Draw San Andres Y | 'eso |
| 4. Well Location Unit Letter | D ; | 330 feet from the | North | line and | 330 feet fro | om the West | line |
| Section | 36 | Township | | nge 25E | | ddy County | - |
| | | 11. Elevation (Show | | RKB RT GR etc | | | |
| it or Below-grade Tank A | polication 0 | | 3477 | | | | |
| it type Depth : | | | nannet feach w | otor well Die | tance from nearest s | urface water | |
| | | | | | | | |
| it Liner Thickness: | mil | Below-Grade Tank: | : Volume | bbls; Co | onstruction Material | ····· | |
| | | appropriate Box to | o Indicate N | | • | | |
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| PERFORM REMEDIA | | PLUG AND ABAND | | REMEDIAL WOR | | ALTERING CA | |
| TEMPORARILY ABAN | | CHANGE PLANS | | COMMENCE DR | | PLUG AND ABA | NDON 🖄 |
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| | osed or compl | eted operations. (Cle | early state all t | pertinent details, an | d give pertinent d | ates, including esti | mated d |
| 13. Describe propo | proposed wo | eted operations. (Clerk). SEE RULE 110. | early state all f 3. For Multipl | pertinent details, and le Completions: At | d give pertinent d tach wellbore dia | ates, including esti gram of proposed of | mated d completi |
| Describe prope of starting any or recompletio | r proposed wo m. | rk). SEE RULE 110. | 3. For Multip | le Completions: At | tach wellbore dia | gram of proposed o | completi |
| Describe prope of starting any or recompletio 27/07 – Pumped fresh | r proposed wo on. n water. Set a | rk). SEE RULE 1102 4-1/2" CIBP at 1150 | For Multip with 35' cen | le Completions: At | tach wellbore dia | gram of proposed o | complet |
| 13. Describe prope of starting any or recompletio /27/07 – Pumped fresh c cement at 630° and V | r proposed wo on. n water. Set a WOC. No tag | rk). SEE RULE 1103 4-1/2" CIBP at 1150 . Spotted 25 sx ceme | For Multipl with 35' cen ent and WOC. | le Completions: At ment on top. Pumpe | tach wellbore dia ed plugging mud. | gram of proposed o No circulation. Sp | complet |
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| 13. Describe proper of starting any or recompletio /27/07 – Pumped fresh x cement at 630' and V /30/07 – Tagged at 410 Circulated 25 sx cemen BANDONED. FINA BANDONED. FINA hereby certify that the rade tank has been/will be (GNATURE | information a | rk). SEE RULE 110 4-1/2" CIBP at 1150 . Spotted 25 sx ceme ation. Spotted 25 sx co o surface. Cut off we bove is true and com losed according to NMO | 3. For Multip)' with 35' cen ent and WOC. cement and W llhead and inst llhead and inst plete to the be CD guidelines [TLE <u>Regulat</u> | le Completions: At nent on top. Pumpe OC. Called NMOC talled dry hole mark Plugging Liability until sur environn final insp est of my knowledge , a general permit tory Compliance Su | tach wellbore dia ed plugging mud. CD and OK'd to c ker. <u>WELL IS P</u> G Of the well USGER bond factor b | gram of proposed of No circulation. Sp irculate cement to LUGGED AND bore. is retained ion, liation and mpleted. ther certify that any p mative OCD-approve ATE <u>May 1, 200</u> | completi potted 2. surface. it or belo d plan |
| of starting any | proposed wo on. h water. Set a WOC. No tag 0'. No circula it from 189' to AL REPORT | rk). SEE RULE 110 4-1/2" CIBP at 1150 . Spotted 25 sx ceme ation. Spotted 25 sx co o surface. Cut off we bove is true and com losed according to NMO | 3. For Multiple of with 35' centent and WOC. cement and W lihead and inst lihead and inst pelete to the be DCD guidelines | le Completions: At nent on top. Pumpe OC. Called NMOC talled dry hole mark Plugging Liability until sur environn final insp est of my knowledg. | tach wellbore dia ed plugging mud. CD and OK'd to c ker. <u>WELL IS P</u> G Of the well USGER bond factor b | gram of proposed of No circulation. Sp irculate cement to LUGGED AND bore. is retained ion, liation and mpleted. | completi potted 2: surface. it or belov d plan [] 7 |
| 13. Describe proper of starting any or recompletio /27/07 – Pumped fresh x cement at 630' and V /30/07 – Tagged at 410 Circulated 25 sx cemen ABANDONED. FINA hereby certify that the rade tank has been/will be IGNATURE X | information a | rk). SEE RULE 110 4-1/2" CIBP at 1150 . Spotted 25 sx ceme ation. Spotted 25 sx co o surface. Cut off we bove is true and com losed according to NMO | 3. For Multip)' with 35' cen ent and WOC. cement and W llhead and inst llhead and inst plete to the be CD guidelines [TLE <u>Regulat</u> | le Completions: At nent on top. Pumpe OC. Called NMOC talled dry hole mark Plugging Liability until sur environn final insp st of my knowledg. a general permit tory Compliance Su | tach wellbore dia cd plugging mud. CD and OK'd to c ker. <u>WELL IS P</u> J Of the well LINCIENT DONG factor postoral nettice: remec Dectiver: is co e and belief. I fur or an (attached) alte pervisor D D D Telepl | gram of proposed of No circulation. Sp irculate cement to LUGGED AND bore. is retained ion, liation and mpleted. ther certify that any p mative OCD-approve ATE <u>May 1, 200</u> bone No. <u>505-74</u> | it or below d plan $\frac{7}{8-1471}$ |
| 13. Describe proper of starting any or recompletio /27/07 – Pumped fresh x cement at 630' and V /30/07 – Tagged at 410 Circulated 25 sx cemen ABANDONED. FINA ABANDONED. FINA hereby certify that the rade tank has been/will be IGNATURE | information a | rk). SEE RULE 110 4-1/2" CIBP at 1150 . Spotted 25 sx ceme ation. Spotted 25 sx co o surface. Cut off we bove is true and com losed according to NMO | 3. For Multip)' with 35' cen ent and WOC. cement and W llhead and inst llhead and inst plete to the be CD guidelines [TLE <u>Regulat</u> | le Completions: At nent on top. Pumpe OC. Called NMOC talled dry hole mark Plugging Liability until sur environn final insp est of my knowledge , a general permit tory Compliance Su | tach wellbore dia cd plugging mud. CD and OK'd to c ker. <u>WELL IS P</u> J Of the well Linder bond factor postoral nettice remec De ctiver is co e and belief. I fur or an (attached) alto inpervisor D bm Telepl | gram of proposed of No circulation. Sp irculate cement to LUGGED AND bore. is retained ion, liation and mpleted. ther certify that any p mative OCD-approve ATE <u>May 1, 200</u> | it or below d plan $\frac{7}{8-1471}$ |

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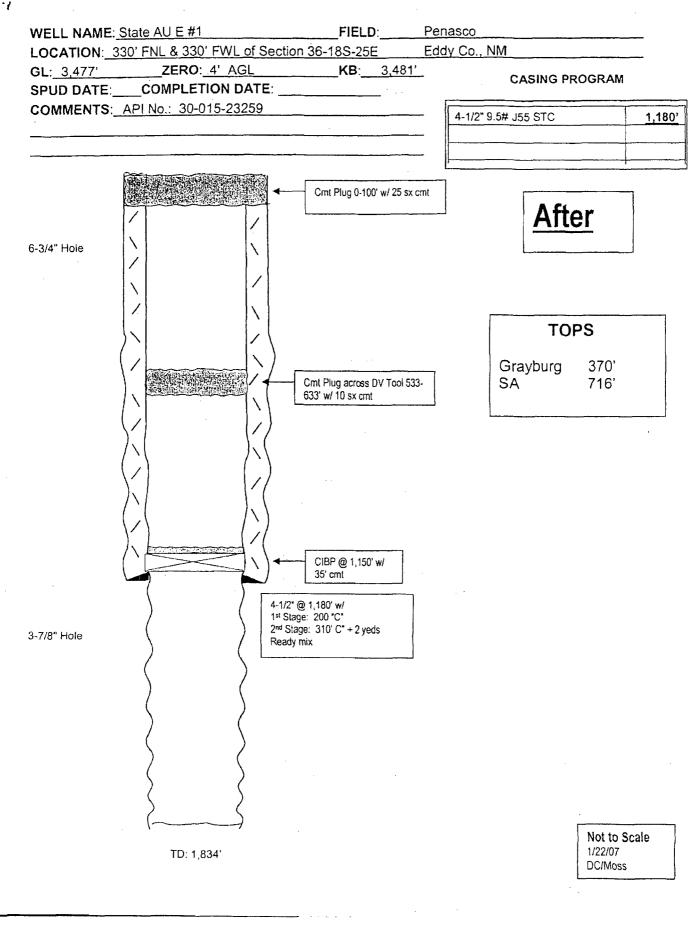
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ALLEY 001 API# 30-015-23292 LOCATED 0.72 MILES FROM METROPOLIS DISPOSAL #1

| to Appropriate Dignet Office | State of New M Energy, Minerals and Natural I | | | e C-103 sed 1-1-89 |
|--|--|--|---|---|
| DISTRICT I P.O. Box 1980, Hobba, NM 88240 | OIL CONSERVATIO | | WELL API NO. | |
| DISTRICT II P.O. Drawer DD, Anesia, NM 88210 | Santa Fe, New Mexico | | <u>30-015 - 23</u> 5. Indicate Type of Lease | 292 |
| DISTRICT III 1000 Rio Brazos Rd., Aztec, NM 87410 | | APR 1 2 1993 | 6. State Oil & Gas Lesse No. | FEE 🔀 |
| | ICES AND REPORTS ON WE | | | |
| (DO NOT USE THIS FORM FOR PRE DIFFERENT RESE | | N OP PEUG BACK TO A | 7. Lease Name or Unit Agreement N | ////////////////////////////////////// |
| I. Type of Well: OIL OIL OIL WELL MELL | ************************************** | | Alley Com | |
| 2 Name of Operator Amoco Producti | Dh Company | | & Well No. | |
| 3. Address of Operator 1 | uston Tx 77253 | (Room 17.180) | 9. Pool marne or Wildow Boyd Morro | ລ |
| 4. Well Location Unit Letter <u>E</u> : ZOS | O Feet From The iv | Line and | 60 Feet From The | / Line |
| Section | Township 195 | Range ZSE | NMPM Eddy | County |
| | 10. Elevation (Show whether | TDF, RKB, RT, GR, euc.) 3.5 GTR | | |
| | Appropriate Box to Indicate FENTION TO: PLUG AND ABANDON | | | |
| | | | | |
| | | | | ANDONMENT 🛄 |
| | | CASING TEST AND CI | | |
| DTHER: | tions (Clearly state all perturbed details | OTHER: | | |
| <pre>- spot 100' cmt plu - PERF BELOW 13 3/8 - 450'-350' inside - CAP X 10' CMT AT</pre> | at 8950', cap w/ 35 ig from 7288'-7188' (p ig from 5705'-5605' (c ig from 3675'-3575' (f ig from 1355'-1255' (f SHOE AT 452' X pump and outside of 5 1/2' SURFACE x steel plate | OTHER: and give periment dates, inclu- cont. LOAD HOLE benn). wolfcamp). bone springs). 5 5/8" shoe) and 5 100' smt plug ' csg and tag. | EMENT JOB | |
| <pre>DTHER: 12 Describe Proposed or Completed Open work) SEE RULE 1103. - MI. RUSU. - POH x PROD EQPT. - rih w/ cibp x set - spot 100' cmt plu - spot - spot</pre> | at 8950', cap w/ 35 ig from 7288'-7188' (p ig from 5705'-5605' (v ig from 3675'-3575' (f ig from 1355'-1255' (s is SHOE AT 453' X pump and outside of 5 1/2' | OTHER: and give periment dates, inclu- benn). wolfcamp). bone springs). 5 5/8" shoe) and 5 100' smt plug " csg and taq. e x marker x cle | EMENT JOB | nosed |
| <pre>III. Describe Proposed or Completed Open work) SEE RULE 1103. - MI. RUSU. - POH x PROD EQPT. - rih w/ cibp x set - spot 100' cmt plu - spot 100' cmt plu - spot 100' cmt plu - spot 100' cmt plu - PERF BELOW 13 3/8 - 450'-350' inside - CAP X 10' CMT AT - RD. MOSU.</pre> | at 8950', cap w/ 35 ig from 7288'-7188' (ig from 5705'-5605' (ig from 3675'-3575' (ig from 1355'-1255' (' SHOE AT 455' X pum and outside of 5 1/2' SURFACE x steel plate | OTHER: and give periment dates, inclu- benn). wolfcamp). bone springs). 5/8" shoe) and 5/8" shoe) and 5/80' cmt plug ' csg and taq. e x marker x cle Nonty | EMENT JOB | nosed |
| <pre>I2 Describe Proposed or Completed Open work) SEE RULE 1103.</pre> - MI. RUSU POH x PROD EQPT rih w/ cibp x set - spot 100' cmt plu - Sp | at 8950', cap w/ 35 ig from 7288'-7188' (p ig from 705'-5605' (c ig from 3675'-3575' (l ig from 1355'-1255' (s "SHOE AT 453' X pump and outside of 5 1/2' SURFACE x steel plate SURFACE x steel plate | OTHER: and give persinent dates, inclu- benn). wolfcamp). bone springs). 9 5/8" shoe) and 5 100' smt plug " csg and taq. e x marker x cle Nonity kd 4/92. | EMENT JOB | nosed |
| THER: 12 Describe Proposed or Completed Opera- work) SEE RULE 1103. - MI. RUSU. - POH x PROD EQPT. - rih w/ cibp x set - spot 100' cmt plu - PERF BELOW 13 3/8 - 450' - 350' inside - CAP X 10' CMT AT - RD. MOSU. (LUISEd Proposal, OTI 1 bereby certify that the information shows a true skonature | at 8950', cap w/ 35 ig from 7288'-7188' (p ig from 5705'-5605' (v ig from 3675'-3575' (p ig from 1355'-1255' (s s SHOE AT 455' X pump and outside of 5 1/2' SURFACE x steel plate SURFACE x steel plate Simi propose(Submit and complete to the book of my knowledge and Summer and state of m | OTHER: and give persinent dates, inclu- benn). wolfcamp). bone springs). 9 5/8" shoe) and 5 100' Smt plug ' csg and taq. a x marker x cle Nonty kd 4/92. | EMENT JOB | 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 |
| <pre>I2 Describe Proposed or Completed Open work) SEE RULE 1103.</pre> - MI. RUSU POH x PROD EQPT rih w/ cibp x set - spot 100' cmt plu - PERF BELOW 13 3/8 - GAP X 10' CMT AT - RD. MOSU. (EUiSed Proposal, Original Strength | at 8950', cap w/ 35 ig from 7288'-7188' (p ig from 705'-5605' (c ig from 3675'-3575' (l ig from 1355'-1255' (s "SHOE AT 453' X pump and outside of 5 1/2' SURFACE x steel plate SURFACE x steel plate | OTHER: and give persinent dates, inclu- benn). wolfcamp). bone springs). 9 5/8" shoe) and 5 100' smt plug " csg and taq. e x marker x cle Nonity kd 4/92. | EMENT JOB | nosed |

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|--|--|--|---|---|
| - Submit 3 Copies | state of Nev | | | rm C-103 |
| to Appropriate District Office | Energy, Minerals and Natur | ral Resources Department | APR 1 9 1993 Re | vised 1-1-89 |
| DISTRICT I P.O. Box 1980, Hobbs, NM 88 | 240 OIL CONSERVA P.O.Boy | | WELL | 19 - Martin Martin, Santa S |
| DISTRICT II P.O. Drawer DD. Artesia, NM | Santa Fe. New Me | | 30-015-232 5. Indicate Type of Lease | |
| DISTRICT III 1000 Rio Brazos Rd., Aztec, NN | 1 87410 | | STATE 6. State Oil & Gas Lease No. | FEE |
| (DO NOT USE THIS FORM F DIFFERENT | Y NOTICES AND REPORTS OR PROPOSALS TO DRILL OR TO RESERVOIR. USE "APPLICATION ORM C-101) FOR SUCH PROPOSA | DEEPEN OR PLUG BACK TO A FOR PERMIT" | 7. Lease Name or Unit Agreem | nent Name |
| I. Type of Well OL G. WELL W | | | Alley Com Gas Unit | |
| 2. Name of Operator | ELL OTHER | | 8. Well No. | |
| Amoco Production Company | | i. | 1 | ; |
| 3. Address of operator | | | 9. Pool name or Wildcat | · · · · · · · · · · · · · · · · · · · |
| P.O. Box 3092, Houst | on, Texas 772 | 53-3092 | Boyd Morro | w ; |
| 4. Well Location | | | | |
| Unit Letter E : | 2080 Feet From The | North Line and | 360 Feet From The | West Line |
| Section 1 | Township 19-S | Range 25-E | NMPM Eddy, NM | County |
| | 10. Elevation (Sho | w whether DF, RKB, RT, GR, etc.) | | ······ |
| | | 3463.5 GL | | |
| | Plug and abandon | | | · |
| EMPORARILY ABANDON | CHANGE PLANS | | OPNS. PLUG AND | |
| ULL OR ALTER CASING | | CASING TEST AND CI | EMENT JOB | |
| THER: | | OTHER: | | |
| work.) SEE RULE 1103. MIRUSU 4-1-93 X POH X TE PMP 20 SX CMT 7086-7296 | eted Operations (Clearly state all pertin 3G X PKR X CIBP SA 8950' X TST 5 X 20 SX CMT 5503-5713 X 20 3EHIND 5-1/2" X IN 5-1/2" CSG X | X 750 PSI X OK X CAP X 35' (SX CMT 3476-3686 X 25 SX C | CMT (8915') X DISP HOLE X 9. MT 1120-1343 X PER 390' X (| 5# GL BW MUD X CIRC CMT. CIRC |
| PLUGGED X ABANDONED. | | | | |
| | | | | 0 |
| | | | | Post ID- 4-36-9 VyH |
| | | | | YXH YXH |
| | | | | , , |
| I hereby certify that the/informat | ion above is true and complete to the b | est of my knowledge and belief. | | |
| SIGNATURE Revince | a M France | | SSISTANT DATE | 04-13-93 |
| TYPE OF PRINT NAME DEVINA | M. PRINCE | | | NE NO. (713) 596-7686 |
| (This space for State Use) | 1:1 | | | |
| APPROVED BY Lauf | mill | TITLE CHARACTER | DATE | JUN 2 6 1993 |
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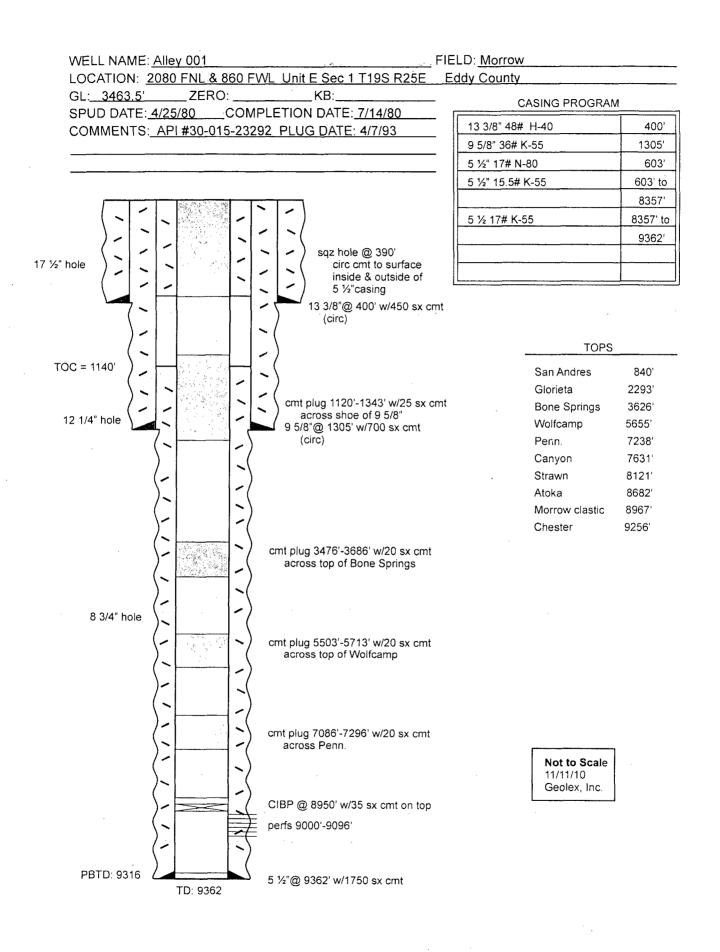
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WILKINSON AZ 003 API# 30-015-21411 LOCATED 0.77 MILES FROM METROPOLIS DISPOSAL #1

| | Submit 3 Copies To Appropriate District | | State of New 3 | Mexico | | Form C-103 |
|---|--|---------------------|---------------------|---------------------------------------|------------------------|------------------------------------|
| | Office | | | atural Resources | | May 27, 2004 |
| _ | District I 1625 N. French Dr., Hobbs, NM 88240 | Energy, | | atural Resources | WELL API NO. | |
| • | District II | | | | |)-015-21411 |
| | 1301 W. Grand Ave., Artesia, NM 88210 | | | ON DIVISION | 5. Indicate Type | |
| | District III | 12: | 20 South St. F | rancis Dr. | STATE | FEE 🕅 |
| | 1000 Rio Brazos Rd., Aztec, NM 87410 | | Santa Fe, NM | 87505 | 6. State Oil & G | |
| | District IV 1220 S. St. Francis Dr., Santa Fe, NM | | | | | us Leuse 110. |
| | 87505 | | | | | |
| r | SUNDRY NO | TICES AND REI | OPTS ON WEI | 10 | 7 Lease Name (| or Unit Agreement Name |
| 1 | (DO NOT USE THIS FORM FOR PROP | | | | | ilkinson AZ |
| | DIFFERENT RESERVOIR. USE "APPL | | | | 8. Well Number | |
| | PROPOSALS.) | | | | 8. well Number | |
| | 1. Type of Well: Oil Well 🛛 | Gas Well | Other | RECEIVED | | 3 |
| | 2. Name of Operator | | | RECEIVED | 9. OGRID Num | |
| | Yates Petroleum Corpora | ition | | JUL 1 3 2005 | | 025575 |
| | Address of Operator | | | | 10. Pool name o | |
| | 105 S. 4 th Street, Artesia | , NM 88210 | | OOD-AHTEOM | Penasco Di | raw San Andres Yeso |
| | 4. Well Location | | | | | |
| | Unit Letter N : | 480 feet fro | om the Sa | outh line and | 1780 feet from | m the West line |
| | | | | | | |
| | Section 25 | Towns | | Range 25E | NMPM Ed | dy County |
| | | 11. Elevation | (Show whether | DR, RKB, RT, GR, etc.) | | |
| | | | | 169'GR | | |
| | Pit or Below-grade Tank Application | or Closure | | | | |
| | Pit type Depth to Groundwa | ter Distar | ce from nearest fre | ah water well Dis | tance from nearest su | rface water |
| | | | | | | |
| | Pit Liner Thickness: m | il Below-Grad | e Tank: Volume | bbls; Co | nstruction Material | |
| | 12. Check | Appropriate I | Box to Indicate | Nature of Notice, | Report or Othe | r Data |
| | | | | · · · · · · · · · · · · · · · · · · · | | |
| | NOTICE OF I | NTENTION 7 | ΓO· | SUB | SEQUENT RE | |
| | PERFORM REMEDIAL WORK | | - | REMEDIAL WOR | | |
| | | | | | | |
| | | CHANGE PL | | COMMENCE DRI | | PLUG AND ABANDON |
| | PULL OR ALTER CASING | | OMPL | CASING/CEMENT | ГЈОВ 🗌 | |
| | | | 1 1 | | | - |
| | OTHER: | | | OTHER: | | <u> </u> |
| | Describe proposed or com of starting any proposed v or recompletion. | | | | | ram of proposed completion |
| | | | | | | |
| | Yates Petroleum Corporation plans | s to plug and abar | ndon this well as | follows: | | |
| | 1. MIRU all safety equipment nec | essary. | | | | |
| | 2. Set a 4-1/2" CIBP at 2115' with | a 35' cement on t | op. | | | |
| | 3. Spot 25 sx cement at 1146'. Ta | ig plug. | | | | |
| | 4. Spot 25 sx cement at 371'. Tag | | | | | |
| | 5. Spot 15 sx cement from 150' to | | | | | |
| | 6. Cut off wellhead and install ma | | | | | |
| | | | | | | |
| | NOTE: Yates Petroleum Corporat | tion will use steel | pits and no eart | h pits | | |
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| | hereby certify that the informatio | n above is true ar | nd complete to th | e best of my knowledge | e and belief. I furt | her certify that any pit or below- |
| 1 | grade tank has been/will be constructed o | or closed according | to NMOCD guidelin | es 🔲, a general permit 🔲 | or an (attached) alter | native OCD-approved plan 🔲. |
| | ۸ . | | | | | |
| i | SIGNATURE | Huerta | | Regulatory Complian | nce Supervisor | DATEJuly 11, 2005 |
| | i | - | | | | |
| , | Type or print name <u>Tina Hue</u> | erta | _ E-mail addres | s:tinah@ypcnm.co | m Teleph | one No. <u>505-748-1471</u> |
| | | $\gamma \eta \eta$ | | | • | |
| 1 | | | | | | |
| | For State Use Only | | | Field Supe | rvisor | 1111 14 000 |
| | For State Use Only APPROVED BY: | LAK - | TITLE | | ervisor | one No. <u>505-748-1471</u> |

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| Submit 3 Copies To Appropriate District Office | State of New Mexico | Form C-103 May 27, 2004 |
|--|--|--|
| District I | Energy, Minerals and Natural Resources | WELL API NO. |
| District II 1301 W. Grand Ave., Artesia, NM 88210 | OIL CONSERVATION DIVISION | <u>30-015-21411</u> |
| District III | 1220 South St. Francis Dr. | 5. Indicate Type of Lease STATE SEE SEE |
| 1000 Rio Brazos Rd., Aztec, NM 87410 District IV | Santa Fe, NM 87505 | 6. State Oil & Gas Lease No. |
| 1220 S. St. Francis Dr., Santa Fe, NM 87505 | | |
| | FICES AND REPORTS ON WELLS | 7. Lease Name or Unit Agreement Name |
| | OSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A ICATION FOR PERMIT" (FORM C-101) FOR SUCH | Wilkinson AZ |
| PROPOSALS.) | Gas Well 🗌 Other P&A | 8. Well Number 3 |
| 2. Name of Operator | RECEIVED | 9. OGRID Number |
| Yates Petroleum Corpora 3. Address of Operator | tionSEP 2 9 2005 | 025575 10. Pool name or Wildcat |
| 105 S. 4 th Street, Artesia | | Denne Den Can Andre Vers |
| 4. Well Location | | |
| Unit Letter <u>N</u> : | 480 feet from the South line and | 1780 feet from the West line |
| Section 25 | Township 18S Range 25E 11. Elevation (Show whether DR, RKB, RT, GR, et | NMPM Eddy County |
| | 3469'GR | |
| Pit or Below-grade Tank Application | | |
| Pit type Depth to Groundwa Pit Liner Thickness: m | ter Distance from nearest fresh water well I il Below-Grade Tank: Volume bbls; | Distance from nearest surface water Construction Material |
| | | |
| | Appropriate Box to Indicate Nature of Notice | e, Report of Other Data |
| | | BSEQUENT REPORT OF: |
| PERFORM REMEDIAL WORK | | RK ALTERING CASING RILLING OPNS. PLUG AND ABANDON |
| PULL OR ALTER CASING | | |
| OTHER: | OTHER: | |
| 13. Describe proposed or con | pleted operations. (Clearly state all pertinent details, a | nd give pertinent dates, including estimated date |
| of starting any proposed v or recompletion. | work). SEE RULE 1103. For Multiple Completions: A | Attach wellbore diagram of proposed completion |
| 9/21/05 - 4-1/2" casing partially co | ollapsed at surface. Repaired casing. Cannot get gauge | e ring in. RIH with MMCPI workstring. Tagged |
| at 495'. | | |
| Class "C" cement at 495'. Cemen | . Still full. Drilled down 2", fluid dropped out but still t on tubing at 356'. | cannot drill past 495°. Squeezed with 125 sx |
| 9/23/05 - Tagged top of fish at 49: | 5'. Pumped 127 sx cement at 186'. Cement circulated. | WOC 3 hrs and tagged at 12'. Installed dry |
| hole marker with 2 sx cement. WI | ELL IS PLUGGED AND ABANDONED. FINAL R | EPORT. |
| | | |
| | | |
| | | |
| | Approved as to plugging of the well hore. Lia under bond is retained until surface restoratio | |
| | environmental remediation and final inspection is complet | ed. |
| | | |
| I hereby certify that the informatio | n above is true and complete to the best of my knowled | ge and belief. I further certify that any nit or below- |
| grade tank has been/will be constructed t | r closed according to NMOCD guidelines [], a general permit [|] or an (attached) alternative OCD-approved plan]. |
| SIGNATURE 1 June + | TITLE Regulatory Compliance S | upervisor DATE September 28, 2005 |
| Type or print name Tina Hu | zrta E-mail address: <u>tinah@ypcnm.</u> | com Telephone No505-748-1471 |
| For State Use Only | | |
| APPROVED BY: Conditions of Approval (if any): | TITLE | DATE |
| | | |

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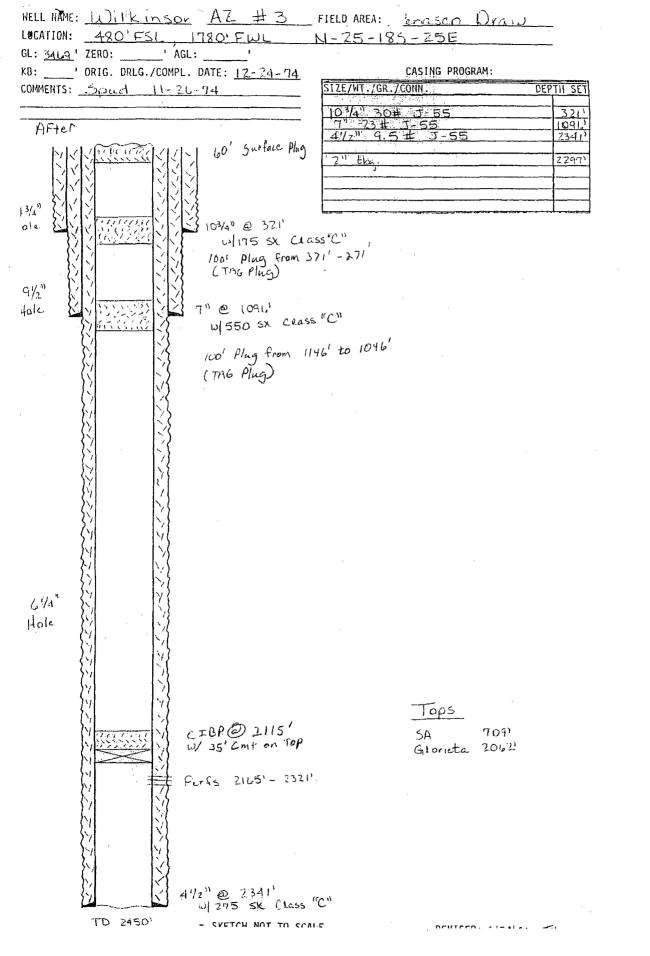
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WILKINSON AZ 002 API# 30-015-20137 LOCATED 0.88 MILES FROM METROPOLIS DISPOSAL #1

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| Office | State e | of New Mex | lico | | Form C-103 |
|---|--|--|---|---|--|
| | Energy, Minera | | | | May 27, 2004 |
| District I 1625 N. French Dr., Hobbs, NM 88240 | , | | | WELL API NO. | |
| District II 1301 W. Grand Ave., Artesia, NM 88210 | OIL CONSE | RVATION | DIVISION | <u>30-015-2</u> | |
| 1301 W. Grand Ave., Artesia, NM 86210 District III | | uth St. Franc | | 5. Indicate Type of Leas | se FEE 🕅 |
| 1000 Rio Brazos Rd., Aztec, NM 87410 | | Fe, NM 87: | | 6. State Oil & Gas Leas | |
| District IV 1220 S. St. Francis Dr., Santa Fe, NM 87505 | | | | | C 110. |
| | LICES AND REPORTS | ON WELLS | | 7. Lease Name or Unit | Agreement Name |
| (DO NOT USE THIS FORM FOR PROP DIFFERENT RESERVOIR. USE "APPL | OSALS TO DRILL OR TO D | DEEPEN OR PLU | | Wilkinson | • • |
| PROPOSALS.) 1. Type of Well: Oil Well | Gas Well | Other | | 8. Well Number | |
| | | | RECEIVED | 9. OGRID Number | |
| 2. Name of Operator Yates Petroleum Corpora | tion | | JAN 2 7 2006 | 9. OGRID Number 02557 | 5 |
| 3 Address of Operator | | | | 10 Pool name or Wildo | |
| 105 S. 4 th Street, Artesia | NM 88210 | ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ | NUL-MITERN | Penasco Draw San | Andres Yeso |
| 4. Well Location Unit Letter M : | 990 feet from the | South | line and | 990 feet from the | West line |
| Section 25 | Township | 18S Ran | ge 25E | NMPM Eddy | County |
| | 11. Elevation (Show | whether DR, | RKB, RT, GR, etc., | | |
| | | 3467'0 | GR : | | |
| Pit or Below-grade Tank Application | | waamat faash wa | tan wall Dia | ton to from a const surface wa | • |
| | il Below-Grade Tank: | | | nance from nearest surface was | ler |
| | | | | | |
| 12. Check | Appropriate Box to | Indicate Na | iture of Notice, | Report or Other Data | |
| NOTICE OF I | NTENTION TO: | 1 | SUB | SEQUENT REPOR | T OF: |
| PERFORM REMEDIAL WORK | - | ION 🛛 | REMEDIAL WOR | | RING CASING |
| TEMPORARILY ABANDON | | | | LLING OPNS. | AND ABANDON |
| PULL OR ALTER CASING |] MULTIPLE COMPL | | CASING/CEMEN | ТЈОВ 🗌 | |
| OTHER: | | | OTHER: | | П |
| | mlated anomationa (Cla | arly state all n | | | hand here |
| Describe proposed or con of starting any proposed v or recompletion. | | | | | |
| of starting any proposed w or recompletion. | vork). SEE RULE 1103 | 3. For Multiple | e Completions: At | | |
| of starting any proposed v or recompletion. Yates Petroleum Corporation plans | vork). SEE RULE 1103 s to plug and abandon th | 3. For Multiple | e Completions: At | | |
| of starting any proposed w or recompletion. Yates Petroleum Corporation plans 1. RU safety equipment as needed | vork). SEE RULE 1103 s to plug and abandon th | 3. For Multiple | e Completions: At | | |
| of starting any proposed v or recompletion. Yates Petroleum Corporation plans 1. RU safety equipment as needed 2. POII with production equipmer | work). SEE RULE 1103 s to plug and abandon th | 3. For Multiple | e Completions: At | tach wellbore diagram of | |
| of starting any proposed w or recompletion. Yates Petroleum Corporation plans 1. RU safety equipment as needed 2. POII with production equipmer 3. RU WSC to pump down 3-1/2" | work). SEE RULE 1103 s to plug and abandon th casing establishing inje | 3. For Multiple his well as follo ection rate. Pu | e Completions: At | tach wellbore diagram of | |
| of starting any proposed v | work). SEE RULE 1103 s to plug and abandon th casing establishing inje | 3. For Multiple his well as follo ection rate. Pu | e Completions: At | tach wellbore diagram of | |
| of starting any proposed w or recompletion. Yates Petroleum Corporation plans 1. RU safety equipment as needed 2. POII with production equipmer 3. RU WSC to pump down 3-1/2" 4. Install dry hole marker, clean lo | work). SEE RULE 1103 s to plug and abandon th | 3. For Multiple his well as follo ection rate. Pu er regulated. | e Completions: At | tach wellbore diagram of | |
| of starting any proposed w or recompletion. Yates Petroleum Corporation plans 1. RU safety equipment as needed 2. POII with production equipmer 3. RU WSC to pump down 3-1/2" | work). SEE RULE 1103 s to plug and abandon th | 3. For Multiple his well as follo ection rate. Pu er regulated. | e Completions: At | tach wellbore diagram of | |
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| of starting any proposed w or recompletion. Yates Petroleum Corporation plans 1. RU safety equipment as needed 2. POII with production equipmer 3. RU WSC to pump down 3-1/2" 4. Install dry hole marker, clean lo | work). SEE RULE 1103 s to plug and abandon th | 3. For Multiple his well as follo ection rate. Pu er regulated. | e Completions: At ows: mp 100 sx cement | tach wellbore diagram of | |
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| of starting any proposed v or recompletion. Yates Petroleum Corporation plans I. RU safety equipment as needed 2. POII with production equipmer 3. RU WSC to pump down 3-1/2" 4. Install dry hole marker, clean lo NOTE: Yates Petroleum Corporat NOTE: Yates Petroleum Corporat I hereby certify that the informatio grade tank has been/will be constructed of SIGNATURE | work). SEE RULE 1103 s to plug and abandon th | 3. For Multiple nis well as follo ection rate. Pu- er regulated. ad no earth pit. plete to the be- CD guidelines [] FLE _Regulate | e Completions: At ows: mp 100 sx cement s Notify C a st of my knowledg , a general permit ory Compliance Su | tach wellbore diagram of filling casing to surface. CD 24 hrs . prior to ny work done. e and belief. I further certifor an (attached) alternative of the surface of | proposed completion y that any pit or below CD-approved plan |
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| inbrit 3 Copies To Appropriate District State of New Mexico | Form C-103 |
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| Energy, Minerals and Natural Resources | May 27, 2004 |
| enoh Dr., Hobbs, NM 88240 | WELL API NO. 30-015-20137 |
| 1301 W. Grand Ave., Artesia, NM 88210 OIL CONSERVATION DIVISION | 5. Indicate Type of Lease |
| District III 1220 South St. Francis Dr. | STATE FEE |
| District IV Santa Fe, NM 8/505 | 6. State Oil & Gas Lease No. |
| 1220 S. St. Francis Dr., Santa Fe, NM 87505 | |
| SUNDRY NOTICES AND REPORTS ON WELLS | 7. Lease Name or Unit Agreement Name |
| (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH | _ |
| PROPOSALS.) BECENED | Wilkinson AZ |
| I Type of Well: Oil Well Gas Well Gos Well Other P&A | 8. Well Number |
| 2. Name of Operator MAY 2 6 2006 | 9. OGRID Number |
| Yates Petroleum Corporation | 025575 |
| 3. Address of Operator | 10. Pool name or Wildcat |
| 105 S. 4 th Street, Artesia, NM 88210 | Penasco Draw San Andres Yeso |
| 4. Well Location | |
| Unit Letter <u>M</u> : 990 feet from the <u>South</u> line and | 990 feet from the <u>West</u> line |
| Section 25 Township 18S Range 25E | NMPM Eddy County |
| 11. Elevation (Show whether DR, RKB, RT, GR, etc.) | |
| Pit or Below-grade Tank Application [] or Closure [] | |
| Pit type Depth to Groundwater Distance from nearest fresh water well Dis | tanas from assest surface water |
| | nance from nearest surface water |
| | |
| 12. Check Appropriate Box to Indicate Nature of Notice, | Report or Other Data |
| NOTICE OF INTENTION TO: SUB | SEQUENT REPORT OF: |
| PERFORM REMEDIAL WORK D PLUG AND ABANDON REMEDIAL WOR | |
| — | |
| PULL OR ALTER CASING MULTIPLE COMPL CASING/CEMEN | |
| | _ |
| OTHER: OTHER: OTHER: 13. Describe proposed or completed operations. (Clearly state all pertinent details, and | d give partinent dates including estimated dat |
| of starting any proposed work). SEE RULE 1103. For Multiple Completions: At or recompletion. | |
| | 100 // |
| 5/19/06 – Established injection rate down casing with 11 bbls. Squeezed with 100 sx ceme $5/22/06$ – Tagged at 780'. Pumped 30 sx cement from 700' to surface. WOC 1 hr. Cemen | ni at 100# max pressure. |
| WELL IS PLUGGED AND ABANDONED. FINAL REPORT. | it at suitace. Instance of y note market. |
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| Approved as to plugging of the welt bore. Ltability under bond is retained until surface restoration. | |
| Approved as to plugging of the well bore. Ltability under bond is retained until surface restoration, environmental | |
| Approved as to plugging of the welt bore. Ltability under bond is retained until surface restoration. | |
| Approved as to plugging of the welt bore. Ltability under bond is retained until surface restoration, environmental | |
| Approved as to plugging of the welt bore. Ltability under bond is retained until surface restoration, environmental | |
| Approved as to plugging of the well hore. Ltubility under bond is retained until surface restoration, environmental | |
| Approved as to plugging of the well bore. Ltability under bond is retained until surface restoration, environmental | |
| Approved as to plugging of the well bore. Ltability under bond is retained until surface restoration, environmental temediation and final inspection is completed. | e and belief. I further certify that any nit or below |
| Approved as to plugging of the well here. Lubility under bond is retained until surface restoration, environmental remediation and final inspection is completed. | e and belief. I further certify that any pit or below or an (attached) alternative OCD-approved plan . |
| Approved as to plugging of the well here. Lubility under bond is retained until surface restoration, environmental remediation and final inspection is completed. | or an (attached) alternative OCD-approved plan . |
| Apprived as to plugging of the well bore. Liability under bond is retained antil surface restoration, environmental remediation and final inspection is completed. | or an (attached) alternative OCD-approved plan . |
| Approved as to plugging of the well bere. Ltability under bond is retained until surface restoration, environmental temediation and final inspection is completed. | or an (attached) alternative OCD-approved plan []. |
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YATES PETROLEUM CORPORATION

Location:25M,18S,25E Well: Wilkinson AZ #2 Eddy Co, NM Field:Penasco Draw (San Andres Yeso) Elevation: 3467' GL Spud: 4/23/68 TD:1530' Compl.5/14/68 After Casing And Cementing: 8 5/8" 28# J-55@ 1044'in 11" hole. Cmted w/400 sxs. T/cement @340' Grouted through 3/4" w/100 sxs. 5 1/2" 14# J-55 @ 1527'. TOC 5 1/2" @460' Cmted w/180 sxs. TOC@460'. 8 5/8"@ 1044' Original Completion: 5/8/68-Perf. 1378'-1440'. 1378' Spicezcol Acidize w/3000 gals, Frac w/ 3500# sand & 120,000 gals. 1440' water. Potential: 5/23/68-P/60 BOPD & 80 BLWPD Status: Current Production: 5 BOPM 8/93 5 1/2"@ 1527' Cum Production: 20,317 BO 8/93 Yeso ferts 2,136-2,3681

> 3 1/2" @ 2,450 9.3" 2-35 Centere Circ to Surface

50 ucc 2e 100 sks Aurin Lequinsie Float Collar B 2:11:7

Revised 1/26/010

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WILKINSON AZ 001 API# 30-015-20007 LOCATED 0.88 MILES FROM METROPOLIS DISPOSAL #1

| Office | | New Mexi | | | | Form | |
|---|---|---|---|------------------------------|---|---|-------------------------|
| District I | Energy, Minerals | and Natural | Resources | ····· | | May 2 | .7, 20 |
| 1625 N. French Dr., Hobbs, NM 88240 | | | | WELL A | | 0007 | |
| District II 1301 W. Grand Ave., Artesia, NM 88210 | OIL CONSER | VATION D | IVISION | | 30-015-2 | | |
| District III | | h St. Franci | | | ate Type of Lea | | |
| 1000 Rio Brazos Rd., Aztec, NM 87410 | | e, NM 875(| | | TATE | FEE 🛛 | |
| District IV | Bana 1 | c, 14141 0750 | 5 | o. State | Oil & Gas Leas | se No. | |
| 1220 S. St. Francis Dr., Santa Fe, NM 87505 | | | | | | | |
| SUNDRY NOT | ICES AND REPORTS O | | | 7. Lease | Name or Unit | | Jame |
| DIFFERENT RESERVOIR. USE "APPLIC | | | | | Wilkinso | n AZ | |
| PROPOSALS.) | | | | 8. Well | Number | | |
| 1. Type of Well: Oil Well | Gas Well 🗌 🛛 Oth | ier RECI | IVED | | 1 | | |
| 2. Name of Operator | | 1120. | | 9. OGR | ID Number | | |
| Yates Petroleum Corporati | on | SEP 2 | 0 2005 | | 0255 | | |
| 3. Address of Operator | | 000 | niegin | 10. Poo | l name or Wilde | cat | |
| 105 S. 4 th Street, Artesia, 1 | NM 88210 | QQ4r | ، بي المراجع ا المراجع المراجع ا | Pe | nasco Draw Sai | n Andres Yes | 60 |
| 4. Well Location | 000 feat from the | South | line and | 2310 | fact from the | West | 1: |
| Unit Letter <u>N</u> : | 990 feet from the | South | line and | | feet from the | West | line |
| Section 25 | | 18S Range | | NMPM | Eddy | County | 2 |
| | 11. Elevation (Show w | | | ic.) | | | |
| | | 3462'G | <u> </u> | | | | |
| it or Below-grade Tank Application 🗌 o | | | | | | | |
| it type Depth to Groundwate | r Distance from ne | arest fresh wate | well | Distance from | nearest surface wa | iter | |
| Pit Liner Thickness: mil | Below-Grade Tank: V | olume | bbls; | Construction | Material | | |
| 12. Check | Appropriate Box to L | ndicate Nati | ire of Notic | e, Report o | or Other Data | | |
| | NTENTION TO: | 1 | SI | | | | |
| | | | | | | | |
| | | | EMEDIAL WO | | | ERING CASI | |
| | | | OMMENCE D | | | GAND ABAND | ON |
| PULL OR ALTER CASING | MULTIPLE COMPL | | ASING/CEME | NT JOB | | | |
| | | | THEO | | | | - |
| OTHER: 13. Describe proposed or comp | alatad amountions (Class | | THER: | | · | 1. 1 | |
| of starting any proposed w | ork) SEE DITE 1103 | For Multinle | linent details, | And give per | inent dates, inc | luding estim | |
| or recompletion. | ork). SEE ROLE 1105. | roi multiple | Jompieuons: | Attach went | ore diagram of | proposed co | mpie |
| bi recompletion. | | | | | | | |
| | to plug and abandon this | well as follow | | | | | |
| Vates Petroleum Corporation plans | to plug and abandon mis | | 5. | | | | |
| Yates Petroleum Corporation plans | CC9TV | | | | | | |
| . MIRU all safety equipment nece | ssary. | | | | | | |
| MIRU all safety equipment nece. Set a 7" CIBP at 4400' with 35' | cement on top. | | | | | | |
| MIRU all safety equipment nece Set a 7" CIBP at 4400' with 35' Set a 2nd 7" CIBP at 2067' with 3 | cement on top. 35' cement on top. | | | | | | |
| MIRU all safety equipment nece Set a 7" CIBP at 4400' with 35' Set a 2nd 7" CIBP at 2067' with 3' Set a 3rd 7" CIBP at 1341' with 3' | cement on top. 35' cement on top. 35' cement on top. | | | | | | |
| MIRU all safety equipment nece. Set a 7" CIBP at 4400' with 35' Set a 2 nd 7" CIBP at 2067' with 3 Set a 3 rd 7" CIBP at 1341' with 3 Load hole with plugging mud. S | cement on top. 35' cement on top. 35' cernent on top. Spot 25 sx cement (100' p | | Tag plug. | | | | |
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| MIRU all safety equipment nece. Set a 7" CIBP at 4400' with 35' Set a 2nd 7" CIBP at 2067' with 3 Set a 3rd 7" CIBP at 1341' with 3 Load hole with plugging mud. S Spot 15 sx cement at 60' to surfa'. Install dry hole marker. NOTE: Yates Petroleum Corporation hereby certify that the information | cement on top. 35' cement on top. 35' cement on top. Spot 25 sx cement (100' p ice. on will use steel pits and a above is true and comple | olug) at 1090'. no earth pits | of my knowle | dge and beli | ef. I further certi | fy that any pit | or bel |
| MIRU all safety equipment nece. Set a 7" CIBP at 4400' with 35' Set a 2nd 7" CIBP at 2067' with 3 Set a 3rd 7" CIBP at 1341' with 3 Load hole with plugging mud. S Spot 15 sx cement at 60' to surfa'. Install dry hole marker. NOTE: Yates Petroleum Corporation hereby certify that the information | cement on top. 35' cement on top. 35' cement on top. Spot 25 sx cement (100' p ice. on will use steel pits and a above is true and comple | olug) at 1090'. no earth pits | of my knowle | dge and beli or an (attac | ef. I further certi thed) alternative (| fy that any pit DCD-approved | or bel plan [|
| MIRU all safety equipment nece. Set a 7" CIBP at 4400' with 35'. Set a 2nd 7" CIBP at 2067' with 3. Set a 3rd 7" CIBP at 1341' with 3. Load hole with plugging mud. S. Spot 15 sx cement at 60' to surfa. Install dry hole marker. <i>IOTE: Yates Petroleum Corporation</i> hereby certify that the information rade tank has been/will be constructed on A • | cement on top. 35' cement on top. 35' cement on top. Spot 25 sx cement (100' p ice. on will use steel pits and on will use steel pits and above is true and comple | olug) at 1090'. no earth pits ete to the best guidelines [], | of my knowle general permit | 🗌 or an (attao | hed) alternative C |)CD-approved | plan [|
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| Submit 3 Copies To Appropriate District | State of | New Mexico | | I UIII C | 105 |
| Office District I | Energy, Minerals | and Natural Resource | es | May 27, | 2004 |
| 1625 N. French Dr., Hobbs, NM 88240 | | | WELL A | | |
| District II 1301 W. Grand Ave., Artesia, NM 88210 | | VATION DIVISION | N 5 India | 30-015-20007 ate Type of Lease | |
| District III | 1220 Sout | h St. Francis Dr. | | TATE FEE | |
| 1000 Rio Brazos Rd., Aztec, NM 87410 District IV | Santa F | e, NM 87505 | | Oil & Gas Lease No. | |
| 1220 S. St. Francis Dr., Santa Fe, NM 87505 | | | | | |
| | ICES AND REPORTS O | N WELLS | 7. Lease | Name or Unit Agreement Na | me |
| (DO NOT USE THIS FORM FOR PROP | OSALS TO DRILL OR TO DE | EPEN OR PLUG BACK TO A | | Wilkinson AZ | |
| DIFFERENT RESERVOIR. USE "APPL PROPOSALS.) | ICATION FOR PERMIT" (FO | RM C-101) FOR SUCH | 8. Well | Number | |
| 1. Type of Well: Oil Well | Gas Well 🗌 🛛 Ot | her P&RECEIVED | | 1 | _ |
| 2. Name of Operator | | , , , | | ID Number | |
| Yates Petroleum Corpora | tion | OCT 2 1 2005 | 10 | 025575 I name or Wildcat | |
| Address of Operator 105 S. 4th Street, Artesia. | NM 88210 | 000-Ani 58 | | nasco Draw San Andres Yeso | |
| 4. Well Location | | | | | |
| Unit Letter <u>N</u> : | 990 feet from the | South line and | 2310 | feet from the West | line |
| Section 25 | Township | 18S Range 25 | SE NMPM | Eddy County | |
| | | | | | |
| | | 3462'GR | | | |
| Pit or Below-grade Tank Application | | | | | |
| Pit type Depth to Groundwa | | | | | |
| Pit Liner Thickness: m | | | bls; Construction I | | |
| 12. Check | Appropriate Box to I | ndicate Nature of N | otice, Report c | or Other Data | |
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| PERFORM REMEDIAL WORK | PLUG AND ABANDO | | WORK | NT REPORT OF: | |
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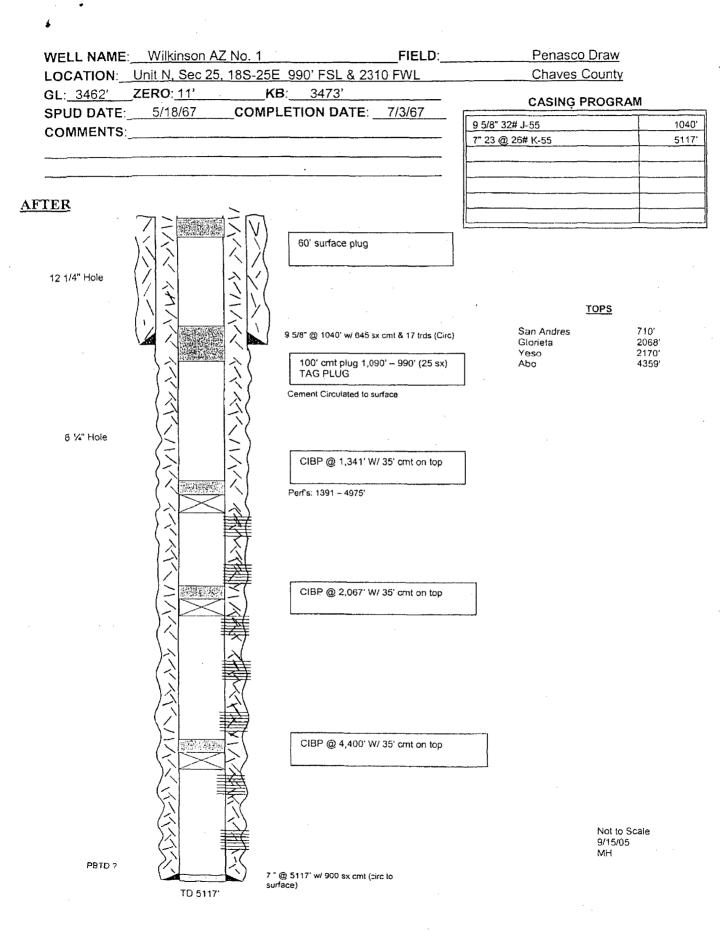
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LOWE BK ST 001 API# 30-015-20134 LOCATED 0.88 MILES FROM METROPOLIS DISPOSAL #1

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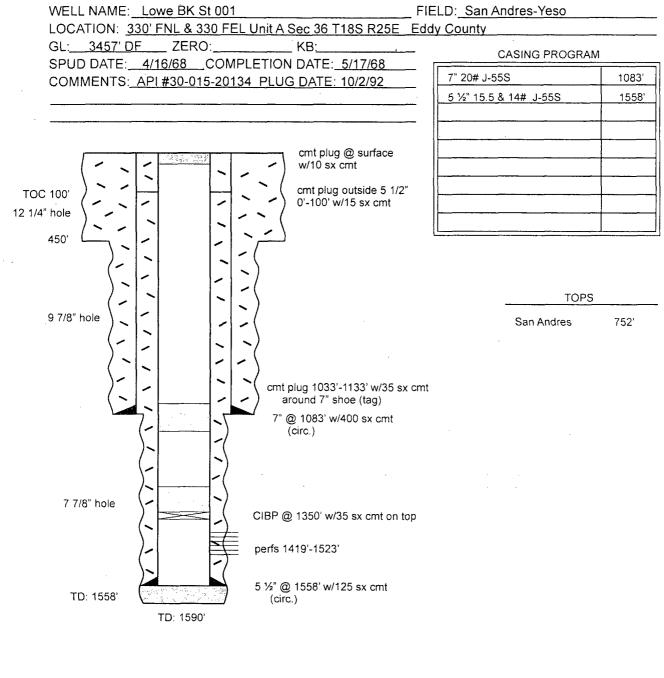
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| } ~ | Submit 3 Copies to Appropriate District Office | State of N Energy, Minerals and Nat | | | | Form C-103 Revised 1-1-89 |
|) | DISTRICT I P.O. Box 1980, Hobbs, NM 88240 | OIL CONSERVA | | | WELL API NO. | |
| | DISTRICT II P.O. Drawer DD, Artesia, NM 88210 | P.O. B Santa Fe, New M | | | 30-01 5. Indicate Type o | 5 - 20134 |
| | DISTRICT III 1000 Rio Brazos Rd., Aztec, NM 87410 | | | | 6. State Oil & Ga | STATE X FEE |
| | · | | | | K-2310 | |
| | (DO NOT USE THIS FORM FOR PP DIFFERENT RESE (FORM (| FICES AND REPORTS O ROPOSALS TO DRILL OR TO D RVOR, USE "APPLICATION F C-101) FOR SUCH PROPOSAL | EEPEN | OR PLUG BACK TO A | 7. Lease Name or | Unit Agreement Name |
| | 1. Type of Well: OIL OAS WELL WELL | OTHER | P&A | | Lowe BK St | ate . |
| | 2. Name of Operator YATES PETROLEUM CORPORT | | | ······································ | 8. Well No. | |
| | 3. Address of Operator 105 South 4th St., Ar | | | | 9. Pool name or V | |
| | 4. Well Location | | · | | | caw-San Andres-Yeso |
| | Unit LetterA :33 | 0 Feet From The Nort | h | Line and 330 | Feet From | The East Line |
| | Section 36 | Township 185 | Ra | | NMPM | Eddy County |
| | | 10. Elevation (Show | wheiher | DF, RKB, RT, GR, elc.) | | |
| | | Appropriate Box to Ind | icate l | | | |
| | | TENTION TO: | | SUB | SEQUENT R | EPORT OF: |
| | | PLUG AND ABANDON | X | REMEDIAL WORK | | |
| | | CHANGE PLANS | | COMMENCE DRILLING | | |
| | PULL OR ALTER CASING | | | CASING TEST AND CE | | . — |
| | OTHER: | | . [_] | OTHER: | | |
| | Describe Proposed or Completed Oper work) SEE RULE 1103. | rations (Clearly state all pertinent a | ietails, ar | nd give pertinent dates, inclu | ding estimated date of | f starting any proposed |
| | 2) Circulate hole w | abandon well as fo and cap w/35' cemen with mud laden flui | t. d. | :: | | |
| | Spot 35 sx plug Spot 10 sacks st | 1133-1033'. — <i>TAg</i> urface plug. | | | | ن ا |
| | 5) Install dry hole | e marker. | | | | AUG 2 1992 |
| | 6) Clean and abando | on tocarton. | | | | AUG 2 - 1992 D. C. D. |
| | | | | | | APTESIA OFFICE |
| | | | | | | |
| | I hereby certify that the information above is to | \sim | | | 12021-1-5- | 8-20.02 |
| | SIONATORIA LA CATURA S | Soult | | bele. Production St | upervisor | |
| | SIONATORIA LA CATURA S | \sim | | | upervisor | Date <u>8-20-92</u> тецерноне но. <u>505/748-1</u> 4; |
| | SIONATORIO LA CONTILA S | Don AUT | m | Production St | <u></u> | тецерноне но, 505/748-14 |
| | SIONATORE LA CONTRA S TYPE ON FRINT NAME JUANI ((This space for State Use) APTROVED BY | Soult | m | Production St | upervisor | |
| | SIONATURE LA CITULE & TYPE OFFRINT NAME JUANIT (This space for State Use) | Don AUT | m | Production St | <u></u> | тецерноне но, 505/748-14 |

| OIL OAS OTHER P&A 2. Name of Operator 8. Well No. YATES PETROLEUM CORPORATION 1 3. Address of Operator 9. Pool name or Wildcat 105 South 4th St., Artesia, NM 88210 Penasco Draw-San Andres-Yeso | 1. S. | | | | | |
|--|---|---|---|---|--|---|
| DIL CONSERVATION PLANTAL STATUSION PLANTAGE DA. Adda, NM BELLO DIL CONSERVATION PLANTAGE DA. 2013 Same F. New Marting of Status P. | | to Appropriate | | | | 1 |
| DIFFECTION O.C.C | | DISTRICT 1 P.O. Box 1980, Hobbs, NM 88240 | P.O. Bo | ox 2088 | | |
| INVERTIGATION C.C.D. Program 6. Sub CN & Guide No. INVERSING NO. ALSO, NO. F100 C.C.D. Program 6. Sub CN & Guiden No. INVERSING NO. CONFORCES AND DEPORTING ON WELLS: C.C.D. Program 7. Lase Name or Use Agreement Name ICD NOT USE THE FORM FORMORES IN DEPORTING ON FOR FERMITING NUME Lowe BK State 7. Lase Name or Use Agreement Name ICD NOT USE THE FORM FORMATION FOR FERMITING ON WELLS: Lowe BK State 7. Lase Name or Use Agreement Name IN Type of Wall Wall memor F6A 8. Well Name 1. Name of Operator 9. Pod mane or Widen: 9. Pod mane or Widen: 105 Sould Otto CORFORATION 1. Name of Operator 10. Action of Operator 9. Pod mane or Widen: 105 Sould Otto CORFORATION 1. 1. Notice A the St., Artesia, NM 88210 Feet From TheEast Lise 1. 1. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data NOTICE OF INTENTION TO: SUBSEQUENT REPORT OF: PERFORM REMEMAN WORK PUL OR AND BANDON REMEDIAL WORK ALTERING CASING PLOTAN BANDONMENT KIN PUL OR ALTER CASING Commence Defulue Works Commence Defulue Works PLOTAN BANDONMENT KIN 11. Check Appropriate Box to Indicate | | P.O. Drawer DD, Artesia, NM 88210 | Santa Fe, New Me | the standards | 5. Indicate Type of Lease | |
| (DO NOT USE THIS FORM FOR PROPOSALS TO DRILLOR TO DEEPEN OF PULLOB ACK TO A 7. Level Nome or Uset Agreement Name DIFFERENT DEERVORT, USE APPLOATION FOR PERMIT I. Owe BK State 1. Type of Well: State State State 10. Note of Operior State 10. Addite of Operior 9. Rold and red Wildst 10. South 4th St., Artesia, NM 88210 9. Rold and red Wildst 10. Main of Operior 9. Rold and red Wildst 10. Main of Operior 9. Rold and red Wildst 10. Main of Operior 9. Rold and red Wildst 10. Main of Operior 9. Rold and red Wildst 10. Main of Operior 10. Revealed (Show Welfler DF, RAB, RT, CR, etc.) 10. Main of Operior 10. Revealed (Show Welfler DF, RAB, RT, CR, etc.) 11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data NOTICE OF INTENTION TO: SUBSEQUENT REPORT OF: PERFORM REMEDIAL WORK PLUG AND ABANDON 11. Compared Completed Operations (Chenty state all particent deals, and give periodet date of staring on proport 10. Revealed Completed Operations (Chenty state all periodet date, idealing estimated date of staring on proport 11. Completed Operation (Chenty state all perindent dates), and give periodet date of star | | | | O. C. D. ANTERIA DEEDER | 6. State Oil & Gas Lease ! | |
| Chill Wall onesa P&A 2. Name of Operator 1 13. Address of Operator 1 14. Well Xocation 9. Pool same of Wildow 105. South 4th St., Artesia, NM 88210 Penasco Wildow 105. South 4th St., Artesia, NM 88210 Penasco Wildow 105. South 4th St., Artesia, NM 88210 Penasco Wildow Unail Later | | (DO NOT USE THIS FORM FOR PR DIFFERENT RESE | OPOSALS TO DRILL OR TO DI RVOIR, USE "APPLICATION F | EEPEN OR PLUG BACK TO A OR PERMIT | 7. Lease Name or Unit Ag | reement Name |
| 1 Address dopensor 1 2 Address dopensor 9. Produme or Vilse: 105 South 4th St., Artesia, NM 88210 Penasco Draw-San Andres-Yeso 4 Well Coaice 105 South 4th St., Artesia, NM 88210 Penasco Draw-San Andres-Yeso 4 Well Coaice 10 Fee From TheEast | | 1. Type of Well: OIL GAS | \ | | Lowe BK State | |
| 105 South 4th St., Artesia, NM 88210 Penasco Draw-San Andres-Yeso 4. Well Loadon Well Coalon North Lise and 330 Fea From TheEast | | | RATION | | | |
| Unit Letter | ł | 105 South 4th St., Art | esia, NM 88210 | | | an Andres-Yeso |
| 10. Elevalua (Show whether DF, RKB, KT, GK, etc.) 11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data NOTICE OF INTENTION TO: SUBSEQUENT REPORT OF: PERFORM REMEDIAL WORK PLUG AND ABANDON TEMPORANLY ABANDON CHANGE PLANS COMMENCE OFILLING OPNS. PLUG AND ABANDONMENT KX PULL OR ALTER CASING CHANGE PLANS OTHER: OTHER: 12. Describe Proposed or Completed Operations (Clearly state all pertinent data), including estimated date of starting any proposed work) SEE RULE 1103. 10-2-92. RUPU. TOH w/rods and tubing. TIH with bit and scraper to 1400'. TOH w/bit and scraper. SEt CIBP at 1350'. Spot 35' of Class "C" Neat coment on top of CIBP. Set cement plug at 1135'-1035'. Spot 35' sx Class "C" Neat. Spot Class "C" Neat at surface. Installed dry hole marker. Rigged down. Note: Displace hole with 25%/bbl SW gel. Notified Johnny Robinson with NMOCD, Artesia, NM. Part TD-2 WELL PLUGGED AND ABANDONED. TTTL Production Supervisor I hereby confy use the information due to be for of my troovelage and build start of start due to 505/748-14/71 (The speec for Sum Uff Juanita Goodlett TTTL Production Supervisor I hereby confy use the information dore is the base of any troovelage and build start at sufficient dore is the base of any troovelage and build I hereby confy use the i | | |) Feet From The North | Line and 330 | Feet From The | East Line |
| II. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data NOTICE OF INTENTION TO: SUBSEQUENT REPORT OF: PERFORM REMEDIAL WORK PLUG AND ABANDON PERFORM REMEDIAL WORK PLUG AND ABANDONINENT EX COMMENCE DRILLING OPNS. PLUG AND ABANDONIMENT EX OTHER: | I | Section 36 | • • • • • • • • • • • • • • • • • • • | · | NMPM Eddy | County |
| NOTICE OF INTENTION TO: SUBSEQUENT REPORT OF: PERFORM REMEDIAL WORK PLUG AND ABANDON REMEDIAL WORK ALTERING CASING TEMPORARILY ABANDON CHANGE PLANS COMMENCE DRILLING OPNS. PLUG AND ABANDONMENT EST PULL OR ALTER CASING CASING TEST AND CEMENT JOB PLUG AND ABANDONMENT EST OTHER: OTHER: OTHER: Image: Clearly state all periodes details, and give periodes date of staring any proposed work) SEE RULE 1103. 10-2-92. RUPU. TOH w/rods and tubing. TIH with bit and scraper to 1400'. TOH w/bit and scraper. SEt CIBP at 1350'. Spot 35' of Class "C" Neat ass urface. Installed dry hole marker. Rigged down. Note: Displace hole with 25#/bbl SW gel. Notified Johnny Robinson with NMOCD, Artesia, NM. WELL PLUGGED AND ABANDONED. Pard TO-1 Iberrey contyping the bidommatic above is use able complete to the bot of any isoor beings and belid. storage for State Ling Juanita Goodlett TYPE OR FRONT HORE Juanita Goodlett TIME Production Supervisor Date Merker for State Ling Juanita Goodlett TIME Walk Mark Date J/26/9.3 | | | | | | |
| TEMPORARILY ABANDON CHANGE PLANS COMMENCE DRILLING OPNS. PLUG AND ABANDONMENT EX PULL OR ALTER CASING CASING TEST AND CEMENT JOB CASING TEST AND CEMENT JOB OTHER: OTHER: OTHER: Image: Completed Operations (Clearly state all perimere details, and give periment dates, including estimated date of starting any proposed 12. Describe Proposed or Completed Operations (Clearly state all perimere details, and give periment dates, including estimated date of starting any proposed work) SEE RULE 1103. 10-2-92. RUPU. TOH w/rods and tubing. TIH with bit and scraper to 1400'. TOH w/bit and scraper. SEt CIBP at 1350'. Spot 35' of Class "C" Neat cement on top of CIBP. Set cement plug at 1135'-1035'. Spot 35 sx Class "C" Neat. Spot 10 sx Class "C" Neat at surface. Installed dry hole marker. Rigged down. Note: Displace hole with 25#/bbl SW gel. Notified Johnny Robinson with MMOCD, Artesia, NM. Part FD-2 WELL PLUGGED AND ABANDONED. Part FD-2 Ibereby conty but the information above is true and complete to the best of my topowedge and belief. Stort FD-2 Interview conty but the information above is true and complete to the best of my topowedge and belief. Stort FD-2 Interview too start the information above is true and complete to the best of my topowedge and belief. Stort FD-2 Interview too start the information above is true and complete to the best of my topowedge and belief. Stort FD-2 Interview tor starue | | | | | - | |
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| I hereby ceruly that the information above is true and complete to the best of my knowledge and belief. SION ATURE <u>International and a clittal</u> TITLE <u>Production Supervisor</u> DATE <u>10-5-92</u> <u>TYPE OR PROVT NAME</u> JUANITA Goodlett <u>TELEPHONE NO. 505/748-1471</u> (This space for State Unit APPROVED BY <u>My Willin</u> <u>TITLE</u> <u>Viell</u> <u>AP</u> DATE <u>1/72/93</u> | | and scraper. SEt cement plug at 113 surface. Installe | CIBP at 1350'. Spc 5'-1035'. Spot 35 s d dry hole marker. | ot 35' of Class "C" ex Class "C" Neat. Rigged down. Not | Neat cment on to Spot 10 sx Class e: Displace hole | p of CIBP. Set "C" Neat at with 25#/bbl |
| SIGNATURE <u>(1000000000000000000000000000000000000</u> | | WELL PLUGGED AND A | BANDONED. | | | 10-9-92 P+A |
| SIONATURE <u>Is curreta</u> <u>Inte</u> <u>Production Supervisor</u> <u>DATE</u> <u>10-5-92</u> <u>TYPE OR PROVE NAME</u> JUANIZA GOODLELE <u>TELEPHONE NO. 505/748-1471</u> (This space for State Use) APPROVED BY <u>Application</u> <u>THE</u> <u>Viele</u> <u>Application</u> <u>DATE</u> <u>1/72/93</u> | | | | | | |
| (This space for State Use) APPROVED BY ALL IN DATE 1/20/93 | | SIONATURE LA CONTRA | Durden | | •• | |
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| CONDITIONS OF APPRILYAL IP ANY: | | APPROVED BY AND | | _ THE field for | DA | п 1/20/93 |
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| NEW M | EXICO OIL CONSE | RVATION CO | MMISSION | | |
| , M. | SCELLANEOUS R | EPORTS ON | WELLS | | |
| (Submit to approp | riate District Offic | e as per Con | mission Ri | ule 1106) | |
| * | | | | | |
| COMPANY INSUR | | Carper Baild | ing, Artesia | , Her Messie | * |
| • | (Add | lress) | | | |
| LEASE Miltingen | WELL NO. | 1 UNIT | s 26 | T 188 | R 25E |
| DATE WORK PERFOR | MED December 1957 | POQL | Vilder | \$ | |
| · | | | | | |
| This is a Report of: (C | heck appropriate | block) | Results of | Test of Ca | sing Shut- |
| Beginning Dri | lling Operations | | Remedial | Work | |
| Plugging | | | Other | | |

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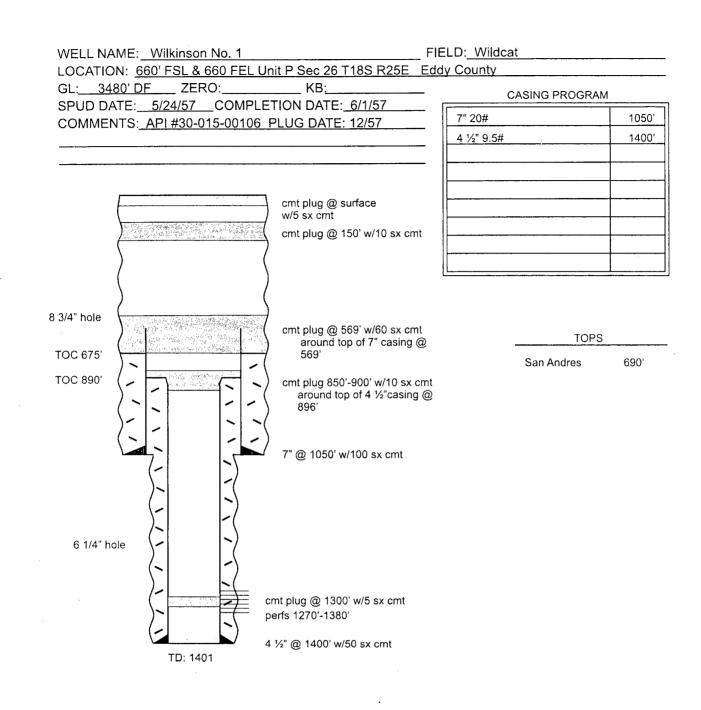
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Detailed account of work done, nature and quantity of materials used and results obtained.

Pemped well full of and lader fluid. Set 5 sacks connect plug at about 1300 forth and pulled tubing. Encount of 4 $1/2^{\circ}$ c 396 fort. Pulled one joint and placed 10 seeks of connect 350' to 900'. Pulled the 4 $1/2^{\circ}$ casing. Heached off 7: 6569' and purped 60 seeks connect ext bottom of 7:. Then pulled 7" casing. Heached off 7: 6569' and perturbed 10 seeks connect ext pulled tubing and set surface marker in 5 seek connect plug.

| FILL IN BELOW FOR REMEDIAL WORK | REPORTS ONL | Y | |
|--|--|--------------|--|
| Original Well Data: | | - | |
| DF Elev. TD PBD | Prod. Int. | Comp | ol Date |
| Tbng. Dia Tbng Depth C | Dil String Dia | Oil Stri | ng Depth |
| Perf Interval (s) | | | |
| Open Hole Interval Produc | ing Formation (s | •) | |
| RESULTS OF WORKOVER: | | BEFORE | AFTER |
| Date of Test | | | |
| Oil Production, bbls. per day | | | |
| Gas Production, Mcf per day | | | |
| Water Production, bbls. per day | | | |
| Gas Oil Ratio, cu. ft. per bbl. | | | |
| Gas Well Potential, Mcf per day | | | |
| Witnessed by | | | |
| | | (Com | pany) |
| OIL CONSERVATION COMMISSION Name (1) / Flagment | I hereby certif above is true a my knowledge Name | und complete | to the best of |
| Title Madda investore | Position | TRA 5 M | aven |
| Date AUG 1 L 1058 | Company TR | | ······································ |



Not to Scale 11/3/10 Geolex, Inc.

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METCALF LT COM 001 API# 30-015-23025 LOCATED 0.92 MILES FROM METROPOLIS DISPOSAL #1

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| 殿 | NTA FE | Supersedes Old C-102 and C-103 Ellective 1-1-65 |
| | LE VE S.G.S. QECEIVE | Sa. Indicate Type of Lecse State Fee X |
| | AND OFFICE DFC 5 - 1972 | 5, State Oll & Gas Leose No. |
| Y. | SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT VISE THIS FOR DEPORTS OF THE DATE | |
| | OIL GAS WELL A OTNER. | 7, Unit Agreement Name |
| * | Vame of Operator Yates Petroleum Corporation \checkmark | 8. Form or Lease Name Metcalf LT Comm |
| | Address of Operator 207 South 4th Street - Artesia, NM 88210 | 9. Well No. 1 1 10. Field and Pool, or Wildcat Und |
| | UNIT LETTERM660 FEET FROM THE SOUTH LINE AND 1100 FEET FROM | LI-TAILE MITTER TIMEL MINUT |
| | West <u>31</u> 18S 26E | |
| | 3437' GR | 12. County Eddy |
| 141124 | Check Appropriate Box To Indicate Nature of Notice, Report or Or NOTICE OF INTENTION TO: | her Data T REPORT OF: |
| 1 | REGRM REMEDIAL WORK | ALTERING CASING |
| | LL OR ALTER CASING CHANGE PLANE CASING TEST AND CEMENT JOB OTHER PLUY BACK & S | PLUG AND ABANCONMENT |
| | OTNER | |
| Sec. Sec. | Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, includin, work) SEE RULE 1703. TD 9370': PBTD 4200'. Approval was obtained from Mr. Bill | · · · · · · · · · · · · · · · · · · · |
| | Artesia, New Mexico to plug back well as follows: 1st plug Class H Neat. 2nd plug - 8770-8670' 35 sacks of Class H Ne | - 9150-9000' 50 saks |
| | 7700-7600' 35 sacks of Class H Neat. 4th plug - 6900-6800 5th plug - 5800-5700' 35 sacks Class H Neat. 6th plug - 43 | 35 sacks Class H Neat. |
| | Class H Neat. PD 11:00 PM 11-20-79. TD 9370': PBTD 4200'. Ran 103 joints of $5\frac{1}{2}$ " 144 (4127') o: | |
| 8 | Cemented w/150 sacks 50-50 poz 2% gel, 5/10% CFR-2, 475 sac CFR-2. PD 9:45 PM 12-1-79. 1-Insert float shoe at 4142' 8 | cks of Class C 5/10% |
| | Cement circulated 15 sacks to surface. NOC and tested to 1 | |
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| 2 | | |
| Sec. 1 | | |
| | I hereby certify that the information above is true and complete to the best of my knowledge and belief. | |
| | NED_ Chiefie Ameline Time Geol. Secty. | <u>12-4-79</u> |
| | ADVER BY IN G. Gresset ITLE SUPERVISOR. DISTRICT D | DEC 6 1979 |
| and the second | NDITIONS OF APPROVAL, IF ANY: | |
| | | |
| A.C. | | |

| Submit 3 Copies to Appropriate District Office | State of New Me Energy, Minerals and Natural Re | | Form C-103 Revised 1-1-1 | 89 Cl |
|--|--|--------------------------------|---|------------|
| DISTRICT I P.O. Box 1980, Hobbs, NM 88240 DISTRICT II P.O. Drawer DD, Artesia, NM 88210 | OIL CONSERVATIO P.O. Box 208 Santa Fe, New Mexico | 38 | WELL API NO. 30-015-23025 5. Indicate Type of Lease | |
| DISTRICT III 1000 Rio Brazos Rd., Aztec, NM 87410 | · · · | | 6. State Oil & Gas Lease No. | FEE X |
| (DO NOT USE THIS FORM FOR PRO DIFFERENT RESERV | CES AND REPORTS ON WEL POSALS TO DRILL OR TO DEEPEN VOR. USE "APPLICATION FOR PEI 101) FOR SUCH PROPOSALS.) | OR PLUG BACK TO A | 7. Lease Name or Unit Agreement Name | |
| 1. Type of Weil: OL CAS WELL X WELL | OTHER | | Metcalf LT Com | |
| 2. Name of Operator YATES PETROLEUM CORPORA | TION / | | 8. Well No. 1 | ····· |
| 3. Address of Operator 105 South 4th St., Arte | ······································ | ···· | 9. Pool name or Wildcat Penasco Draw San Andres 3 | ſeso |
| 4. Well Location Unit Letter M : 660 |) Feet From The South | Line and 110 | 0 Feet From The West | Lin |
| Section 31 | 100 | | NMPM Eddy | County |
| | 10. Elevation (Show whether 3437 | DF, RKB, RT, GR, elc.) | | |
| 11. Check A NOTICE OF INT | Appropriate Box to Indicate E ENTION TO: | | eport, or Other Data SEQUENT REPORT OF: | |
| | | REMEDIAL WORK | | [|
| | | | | MENT [|
| | | CASING TEST AND CE | | |
| OTHER: | | OTHER: | | [|
| 12. Describe Proposed or Completed Operati work) SEE RULE 1103. Propose to plug and ab | | nd give persinent dates, inclu | ding estimated date of starsing any proposed R E C E V | /E[[|
| $\overline{5}$ 3. Spot a 100' cement 4. Spot a 10 sack cem | plug across the 8-5/ plug across the 13-3 ent plug at surface. | 8" casing shoe | at 1000'. JUL 1 1 19 at 400'. CLL CON. | |
| 5. Install regulation | abandonment marker. | | jēr¤ ≃sē g | |
| NOTIFY OCD-ARTESIA (50 | 95-748-1283) 24 HOURS | PRIOR TO COMMEN | CING PLUGGING OPERATIONS | |
| I hereby certify that the information above is true | and complete to the best of my knowledge and | belief. | | |
| signature <u>husty</u> | n • . = | Operations T | echnician DATE July 10. | <u>199</u> |
| TYPE OR PRINT NAME Rusty Klein | | | TELEPTHONE NO. 505 | /748- |
| (This space for State Use) ORIGINAL DISTRICT | . SIGNED BY TIM W. GUM | | JUL 19 | 1996 |
| APPROVED BY | | | DATE | |

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| la Appropriate | | New Mexico tural Resources Department | Form C-103 Revised 1-1-89 |
|--|--|--|--|
| Dianet Office | OTL CONSERV | ATION DIVISION | |
| P.O. Box 1980, Hobbs, NM 88240 | | lox 2088 | WELL API NO. |
| DISTRICT II P.O. Drawer DD, Artesia, NM 88210 | | lexico 87504-2088 | 30-015-23025 5. Indicate Type of Lease |
| DISTRICT III | | | STATE FEE X |
| 1000 Rio Brazos Rd., Aztec, NM 87410 | | | 6. State Oil & Gas Lease No. |
| | TICES AND REPORTS O | | |
| (DO NOT USE THIS FORM FOR PE DIFFERENT RESI | ERVOIR, USE *APPLICATION | FOR PERMIT IN A POR | 7. Lease Name or Unit Agreement Name |
| | C-101) FOR SUCH PROPOSAL | SECEIVEL | |
| . Type of Well: OL (X) WELL (| OTHER D | | Manalf IT Car |
| WELL X WELL VELL | | SEP 0 5 1996 | Metcalf LT Com 8. Well No. |
| VATES PETROLEUM CORPO | RATION | | 1 |
| Address of Operator 105 South 4th St., Ar Well Location Rot | | ON. DIV. | 9. Pool name or Wildcat |
| 105 South 4th St., Ar Well Location Rot | tesia, NM 88210 | DIST-2 | Penasco Draw San Andres Yeso |
| Unit Letter $4 \times \frac{6}{100}$ | 60 | th Line and1100 |) |
| | | | |
| Section 31 | Township 185 | Range 26E | NMPM Eddy County |
| | | whether DF, RKB, RT, GR, etc.) 3437 ¹ GR | |
| <u></u> | | | uport or Other Data |
| | TENTION TO: | licate Nature of Notice, Re | SEQUENT REPORT OF: |
| | TENHON TO. | | |
| | PLUG AND ABANDON | | |
| | CHANGE PLANS | | |
| | | CASING TEST AND CE | D Past IU-1 |
| | | | MEN 300 - 9-20-96 - |
| THER: | 491-79-9 | | |
| 12. Describe Proposed or Completed Ope work) SEE RULE 1103. | itations (Clearly state all pertinent | devails, and give pertinent dates, includ | ling estimated date of starting any proposed |
| | | | |
| 8-31-9-3-96 - Moved | in and rigged up pu | illing unit. POOH wi | th rods and pump. Shut down |
| for holiday. NOTE: | Notified Ray Smith | n w/OCD-Artesia of co | th rods and pump. Shut down ommencing operations. |
| for holiday. NOTE: 9-4-96 - Nippled up 1 | Notified Ray Smith BOP and wellhead. | n w/OCD-Artesia of co POOH with tubing, se | ommencing operations. eating nipple, perforated sub |
| for holiday. NOTE: 9-4-96 - Nippled up 1 and mud anchor. TIH | Notified Ray Smith BOP and wellhead. with 5-1/2" CIBP of | n w/OCD-Artesia of co POOH with tubing, se on tubing and set CIB | ommencing operations. eating nipple, perforated sub 3P at 2450'. Spotted 60 bbls |
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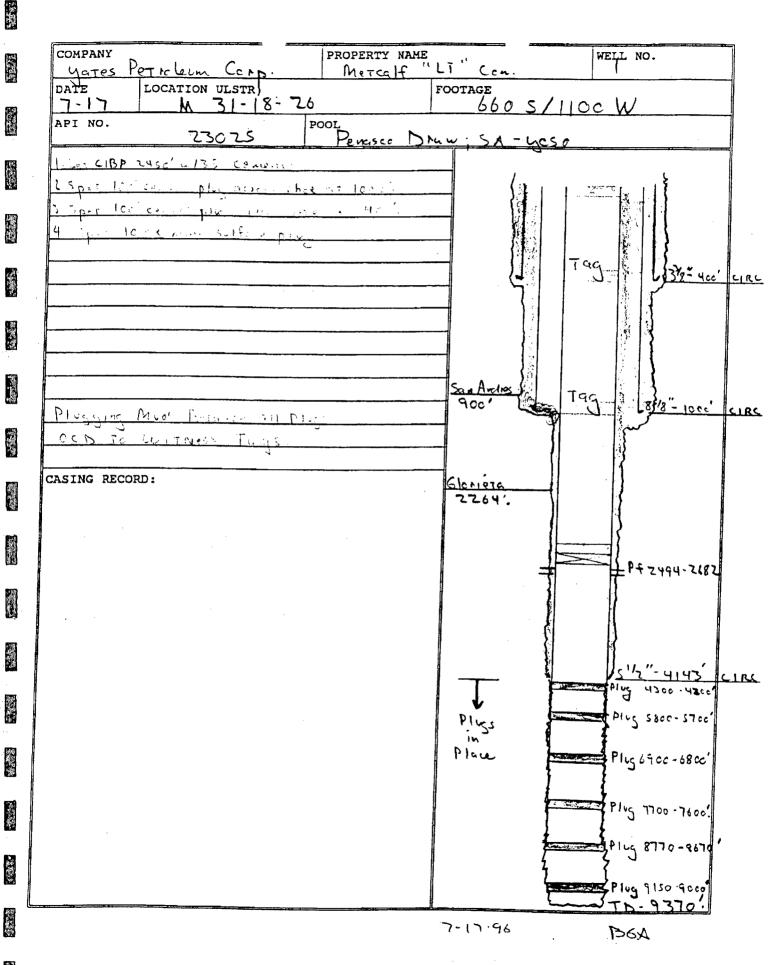
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| Submit 3 Copies To Appropriate District Office | State of Ne | | Form C-10. |
|--|---|---|---|
| District I | Energy, Minerals and | d Natural Resources | May 27, 200 |
| 1625 N. French Dr., Hobbs, NM 88240 | | | WELL API NO. |
| District II 1301 W. Grand Ave., Artesia, NM 88210 | OIL CONSERVA | TION DIVISION | <u>30-015-21430</u> |
| District III | 1220 South St | - | 5. Indicate Type of Lease |
| 1000 Rio Brazos Rd., Aztec, NM 87410 | Santa Fe, N | | STATE FEE |
| District IV | Sama re, r | CUCIO INTR | 6. State Oil & Gas Lease No. |
| 1220 S. St. Francis Dr., Santa Fe, NM 87505 | | | |
| | ICES AND REPORTS ON W | VELLS | 7. Lease Name or Unit Agreement Name |
| (DO NOT USE THIS FORM FOR PROPO | | | / Lease runne of Chin Agreement runne |
| DIFFERENT RESERVOIR. USE "APPLIC | CATION FOR PERMIT" (FORM C | -101) FOR SUCH | Nix Curtis BH |
| PROPOSALS.) | | | 8. Well Number |
| 1. Type of Well: Oil Well 🛛 | Gas Well Other | RECEIVED | 4 |
| 2. Name of Operator | | | 9. OGRID Number |
| Yates Petroleum Corporati | on | FEB 2 3 2006 | 025575 |
| 3. Address of Operator | <u></u> | UUU-MATERIM | 10. Pool name or Wildcat |
| 105 S. 4 th Street, Artesia, 1 | NM 88210 | | Penasco Draw San Andres Yeso |
| 4. Well Location | | ····· | 1 |
| Unit Letter P : | 480 feet from the | South line and | 990 feet from the East line |
| ****** | | | |
| Section 25 | | Range 25E | NMPM Eddy County |
| | 11. Elevation (Show wheth | | |
| Pit or Below-grade Tank Application 🗌 o | 題 pr Closure □ | 3457'GR | |
| | | | · · · · · · · · · · · · · · · · · · · |
| Pit type Depth to Groundwate | | | tance from nearest surface water |
| Pit Liner Thickness: mil | Below-Grade Tank: Volum | nebbls; Co | enstruction Material |
| 12. Check A | Appropriate Box to Indic | cate Nature of Notice, | Report or Other Data |
| | ITENTION TO: | | SEQUENT REPORT OF: |
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| PULL OR ALTER CASING | MULTIPLE COMPL | CASING/CEMEN | T JOB |
| OTHER: | Г | OTHER: | |
| | leted operations (Clearly st | | d give pertinent dates, including estimated da |
| | | | tach wellbore diagram of proposed completion |
| or recompletion. | JIK). SEE KOLE 1105. FOI | Mutuple Completions. A | lach wentoble diagram of proposed completion |
| or recompletion. | | | |
| | | | |
| Yates Petroleum Cornoration plans | to plug and abandon this well | l as follows: | |
| | | l as follows: | |
| I. RU safety equipment as needed. | | l as follows: | |
| RU safety equipment as needed. Set a 4-1/2" CIBP at 1348' with 3 | | l as follows: | |
| RU safety equipment as needed. Set a 4-1/2" CIBP at 1348' with 3. Perforate casing at 1147'. | 35' cement on top. | | |
| RU safety equipment as needed. Set a 4-1/2" CIBP at 1348' with 3. Perforate casing at 1147'. Spot 100' plug (35 sx) inside and | 35' cement on top. I outside of casing from 1147 | 7'-1047'. Tag Plug. | |
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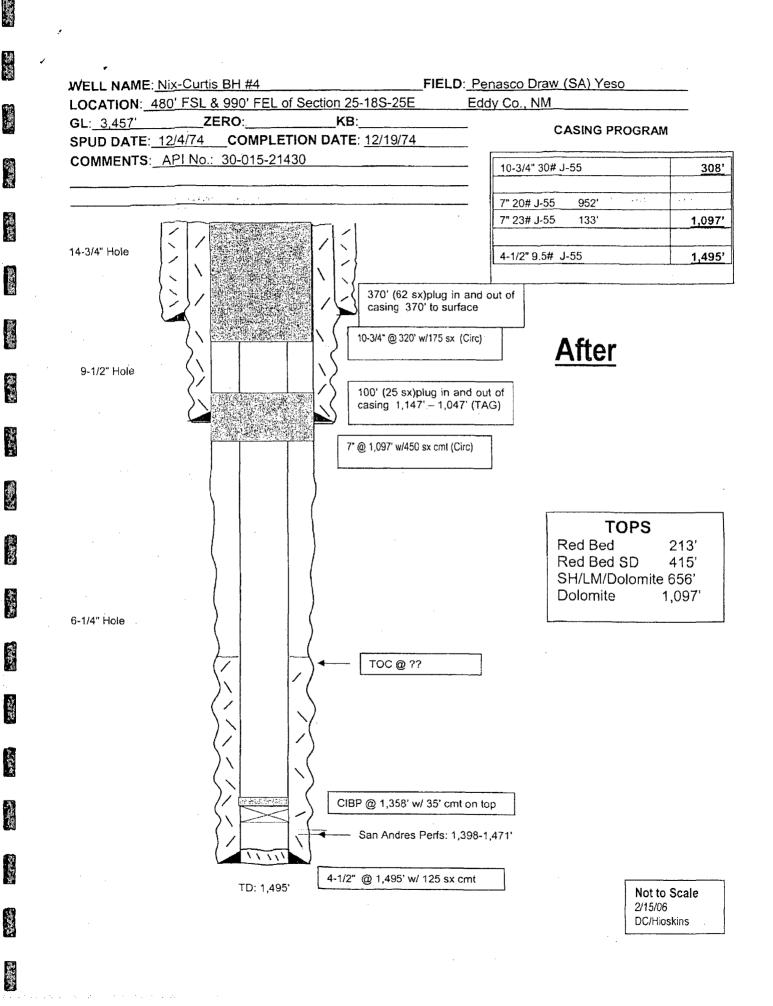
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| 1625 N. French Dr., Hobbs, District II | , NM 88240 | 011 000100000 | | unaros | | 30-015-2 | 21430 | |
| 1301 W. Grand Ave., Artesi | ia, NM 88210 | OIL CONSERV | | | 5. Indica | ite Type of Lea | | |
| District III 1000 Rio Brazos Rd., Aztec | ., NM 87410 | 1220 South 3 | | | S | TATE | FEE 🛛 | |
| District <u>IV</u> 1220 S. St. Francis Dr., San 87505 | | Santa Fe, | NM 87505 | | 6. State | Oil & Gas Leas | se No. | |
| (DO NOT USE THIS FORM | M FOR PROPOSALS | | EN OR PLUG B | | 7. Lease | Name or Unit | - | Namo |
| DIFFERENT RESERVOIR PROPOSALS.) | C USE "APPLICATIO | N FOR PERMIT (FORM | C-IUI)FOR SU | Сн | 0.111.11 | Nix Curti | is BH | |
| 1 Type of Well: Oil | Well Gas | Well 🗌 Othe | r P&A | | 8. Well | Number 4 | | |
| 2. Name of Operator | | ······································ | RE | CEIVED | 9. OGR | ID Number | | |
| Yates Petroleu | um Corporation | | JI /A | - 1 | | 02553 | | |
| 3. Address of Operato | | 0.010 | 4.1.1.1 | MATEOIN | 10. Pool | name or Wild | | |
| | eet, Artesia, NM 8 | 38210 | | MATEOM | Per | nasco Draw Sai | n Andres Ye | 50 |
| Well Location Unit Letter | P : 480 | feet from the | South | line and | 990 | feet from the | East | lir |
| | | | | | | | | ш |
| Section | 25 | Township 18 Elevation (Show whe | S Range | 25E | NMPM | Eddy | County | |
| | | | 3457'GR | | •.J | | | |
| Pit or Below-grade Tank A | pplication 🚺 or Clos | | <u> </u> | | | | | 12241102 |
| Pit type Depth | to Groundwater | Distance from neare | st fresh water v | vell D | istance from r | earest surface wa | ater | |
| Pit Liner Thickness: | | Below-Grade Tank: Volu | | | Construction N | | | |
| 1. | 2 Check Appr | opriate Box to Ind | icate Natur | e of Notice | Report | r Other Data | - | |
| | | • | , | | - | | | |
| | ICE OF INTEN | | _ | | | NT REPOR | | |
| PERFORM REMEDIA | | UG AND ABANDON | | MEDIAL WOR | | | ERING CASI | |
| TEMPORARILY ABAN | | IANGE PLANS | | | | NS. PLUG | S AND ABAND | DON |
| PULL OR ALTER CAS | SING 🔲 MU | ILTIPLE COMPL | | SING/CEMEN | IT JOB | LI . | | |
| OTHER: | | | п от | HER: | | | | [|
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| 13. Describe propo of starting any or recompletio | y proposed work). on. | SEE RULE 1103. Fo | r Multiple Co | ompletions: A | ttach wellb | ore diagram of | proposed co | mple |
| 13. Describe propo of starting any | proposed work). on. t 1348' with 35' ce 4'. Perforated at 3 | SEE RULE 1103. For ement on top. Tested 70'. Squeezed 45 sx | casing to 100 cement at 370 | ompletions: A 0 psi. Perfora 0'. WOC 4 hr | ttach wellb ted at 1147 s and tagge | ore diagram of . Spotted 25 s d at 10'. Spotte | proposed co x cement at | mple 1190 |
| 13. Describe proportion of starting any or recompletion 5/24/06 – Set a CIBP at 5/25/06 – Tagged at 800 | proposed work). on. t 1348' with 35' ce 4'. Perforated at 3 | SEE RULE 1103. For ement on top. Tested 70'. Squeezed 45 sx | casing to 100 cement at 370 | ompletions: A 0 psi. Perfora 0'. WOC 4 hr | ttach wellb ted at 1147 s and tagge | ore diagram of . Spotted 25 s d at 10'. Spotte | proposed co x cement at | mple 1190 |
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GUSHWA DR 002 API# 30-015-22328 LOCATED 0.94 MILES FROM METROPOLIS DISPOSAL #1

Park of

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| Office | | of New Me | | Form C-103 |
|--|---|---|---|--|
| District 1 | Energy, Minera | is and Natu | ral Resources | WELL API NO. |
| 1625 N French Dr., Hobbs, NM 88240 | | | | 30-015-22328 |
| District II 1301 W. Grand Ave., Artesia, NM 88210 | OIL CONSER | RVATION | DIVISION | 5. Indicate Type of Lease |
| District III | 1220 Sou | th St. Fran | ncis Dr. | STATE STATE STATE |
| 1000 Rio Brazos Rd , Aztec, NM 87410 District IV | Santa | Fe, NM 87 | 7505 | 6. State Oil & Gas Lease No. |
| 1220 S St Francis Dr , Santa Fe, NM | | , | | 0. State Office Gas Lease (No. |
| 87505 | | | | |
| | TICES AND REPORTS | | | 7. Lease Name or Unit Agreement Name |
| (DO NOT USE THIS FORM FOR PROP | | | | Gushwa DR |
| DIFFERENT RESERVOIR. USE "APPL PROPOSALS) | ICATION FOR PERMIT" (PC | JKM C-101) FC | JK SUCH | 8. Well Number |
| 1. Type of Well: Oil Well | Gas Well 🗌 🛛 Otl | HerDEC | ENCO | 2 |
| 2. Name of Operator | | THE6 | EIVED | 9. OGRID Number |
| Yates Petroleum Corporation | | | 1 0 0040 | 025575 |
| 3. Address of Operator | | <u> </u> | 1-9-2010 | 10. Pool name or Wildcat |
| 105 South Fourth Street, Artesia, | NM 88210 | | | Penasco Draw; SA Yeso |
| | | NMOCI | ARTESIA | |
| 4. Well Location | | La | | |
| Unit Letter F . : | 1650 feet from the | North | Ine and | 2310 feet from the West line |
| Section 35 | Township | 18S Rai | nge 25E | NMPM Eddy County |
| | 部 11. Elevation (Show | | | |
| | | 3499 | | |
| The second s | | | | AT TERROLATING SECTOR SECTOR STATES A TONS |
| | 4 | T 12 | | |
| 12. Check | Appropriate Box to | Indicate N | ature of Notice | e, Report or Other Data |
| | NTENTION TO: | | | BSEQUENT REPORT OF: |
| PERFORM REMEDIAL WORK | _ | NI 1571 | | |
| | | | REMEDIAL WO | |
| TEMPORARILY ABANDON | - | | 1 | RILLING OPNS. P AND A |
| PULL OR ALTER, CASING | MULTIPLE COMPL | | CASING/CEME | NT JOB |
| | J | | | Ofic |
| | | _ | | and give pertinent and the pertinent and give pertinent and provide the pertinent and provide the perturbation of the perturba |
| OTHER: | | | OTHER: | |
| 13. Describe proposed or con | pleted operations. (Clea | irly state all p | pertinent details, a | and give pertinent days, including estimated da |
| of starting any proposed v | vork). SEE RULE 19.15 | .7.14 NMAC | C. For Multiple C | completions: Attach wellbore the ram of |
| proposed completion or re | completion. | | | the the |
| | | | | |
| | | | | 100° De |
| Yates Petroleum Corporation plan | to plug and abandon thi | s well as foll | lows: | " OOn Onor |
| Yates Petroleum Corporation plan | s to plug and abandon thi | s well as foll | lows: | " OONE Drior |
| 1. MIRU WSU. Rig up any safety | equipment as needed. H | POOH with p | production equipr | nent. |
| 2. Set a CIBP at 2116'. Pressure t | est casing and spot a 25 s | 200H with p sx cement pli | production equipr ug from 1756'-21 | nent. 16' across Glorieta top and over the CIBP. |
| MIRU WSU. Rig up any safety Set a CIBP at 2116'. Pressure t Spot a 300' (25 sx) Class "C" c | est casing and spot a 25 s | 200H with p sx cement pli | production equipr ug from 1756'-21 | nent. |
| MIRU WSU. Rig up any safety Set a CIBP at 2116'. Pressure t Spot a 300' (25 sx) Class "C" c if necessary. | est casing and spot a 25 s est casing and spot a 25 s ement plug across and or | Soon with places over interme | broduction equipr ug from 1756'-21 ediate casing sho | nent. 16' across Glorieta top and over the CIBP. e from 880'-1180'. WOC 3 hrs. Tag plug, rese |
| MIRU WSU. Rig up any safety Set a CIBP at 2116'. Pressure t Spot a 300' (25 sx) Class "C" c if necessary. Spot a 430' (40 sx) Class "C" c | est casing and spot a 25 s est casing and spot a 25 s ement plug across and or | Soon with places over interme | broduction equipr ug from 1756'-21 ediate casing sho | nent. 16' across Glorieta top and over the CIBP. |
| MIRU WSU. Rig up any safety Set a CIBP at 2116'. Pressure t Spot a 300' (25 sx) Class "C" c if necessary. Spot a 430' (40 sx) Class "C" c necessary. | equipment as needed. E est casing and spot a 25 s ement plug across and or ement plug across surface | SOOH with p sx cement plu over interme c casing shoe | production equipr ug from 1756'-21 ediate casing sho e and up to surfac | nent. 16' across Glorieta top and over the CIBP. e from 880'-1180'. WOC 3 hrs. Tag plug, rese e from 0-430'. WOC and tag plug, reset if |
| MIRU WSU. Rig up any safety Set a CIBP at 2116'. Pressure t Spot a 300' (25 sx) Class "C" c if necessary. Spot a 430' (40 sx) Class "C" c | equipment as needed. E est casing and spot a 25 s ement plug across and or ement plug across surface | SOOH with p sx cement plu over interme c casing shoe | production equipr ug from 1756'-21 ediate casing sho e and up to surfac | nent. 16' across Glorieta top and over the CIBP. e from 880'-1180'. WOC 3 hrs. Tag plug, rese e from 0-430'. WOC and tag plug, reset if |
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| MIRU WSU. Rig up any safety Set a CIBP at 2116'. Pressure t Spot a 300' (25 sx) Class "C" c if necessary. Spot a 430' (40 sx) Class "C" c necessary. Remove all surface equipment, <i>NOTE: Yates Petroleum Corporat</i> Spud Date: I hereby certify that the informatio SIGNATURE | requipment as needed. F est casing and spot a 25 s ement plug across and or ement plug across surface weld dry hole marker and <i>ion will use steel pits and</i> Rig n above is true and comp | COOH with prover intermediate casing shoe | oroduction equipr ug from 1756'-21 ediate casing sho e and up to surfac ion as per regulat ts tte: | nent. 16' across Glorieta top and over the CIBP. e from 880'-1180'. WOC 3 hrs. Tag plug, rese e from 0-430'. WOC and tag plug, reset if ions. dge and belief. <u>tec Supervisor</u> DATE <u>July 15, 2010</u> |
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| MIRU WSU. Rig up any safety Set a CIBP at 2116'. Pressure t Spot a 300' (25 sx) Class "C" c if necessary. Spot a 430' (40 sx) Class "C" c necessary. Remove all surface equipment, NOTE: Yates Petroleum Corporat Spud Date: I hereby certify that the informatio SIGNATURE Type or print name Tina Hi For State Use Only APPROVED BY: | requipment as needed. F est casing and spot a 25 s ement plug across and or ement plug across surface weld dry hole marker and ion will use steel pits and Rig n above is true and comp | OOH with p sx cement plu- over intermo- e casing shoe d clean locat d no earth plu- g Release Da g Release Da lete to the be TLE <u>Regu</u> | oroduction equipr ug from 1756'-21 ediate casing sho e and up to surfac ion as per regulat ts tte: | nent. 16' across Glorieta top and over the CIBP. e from 880'-1180'. WOC 3 hrs. Tag plug, reset e from 0-430'. WOC and tag plug, reset if ions. dge and belief. <u>tee Supervisor</u> DATE <u>July 15, 2010</u> <u>um.com</u> PHONE: <u>575-748-4168</u> |
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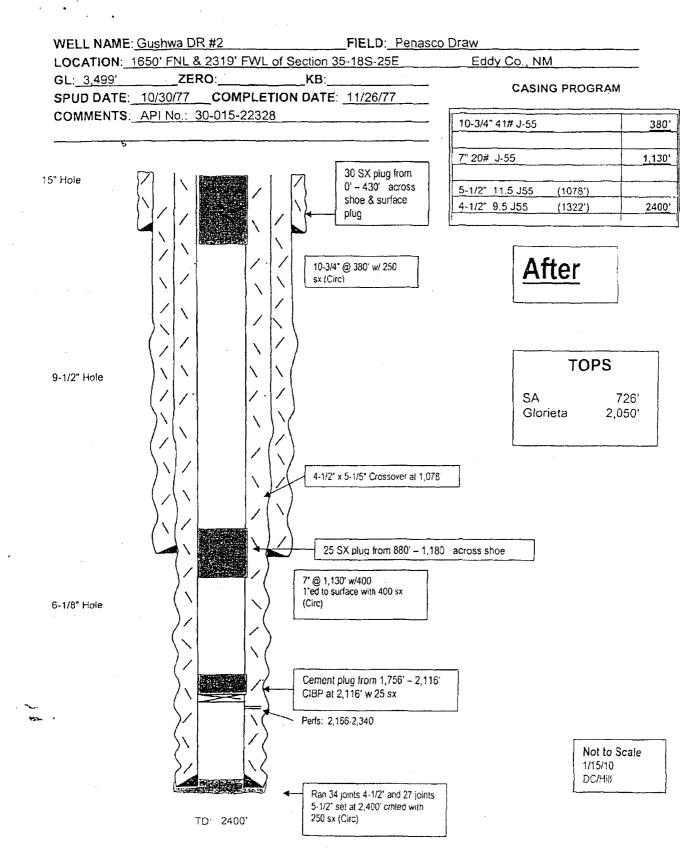
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| | | of New Mexico | | Form C-103 |
|--|--|---|------------------------------------|-----------------------|
| | Office Energy, Miner | als and Natural Resources | | May 27, 2004 |
| M | 1625 N. French Dr., Hobbs, NM 88240 | | WELL API NO. | |
| | District II 1301 W. Grand Ave., Artesia, NM 88210 OIL CONSE | ERVATION DIVISION | 30-015-108 | |
| <i></i> | District III 1220 Sc | outh St. Francis Dr. | 5. Indicate Type of Lease | |
| 精合 | 1000 Rio Brazos Rd., Aztec, NM 87410 | a Fe, NM 87505 | 6. State Oil & Gas Lease | PEE |
| | District IV Santa Fe, NM | | 0. State Off & Gas Lease | INO. |
| | 87505 | | | |
| | SUNDRY NOTICES AND REPORTS | S ON WELLS | 7. Lease Name or Unit Ag | reement Name |
| | (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO I | DEEPEN OR PLUG BACK TO A | Gerard A | |
| | DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (I | FORM C-101) FOR SUCH | 8. Well Number | |
| | PROPOSALS.) 1. Type of Well: Oil Well Gas Well | Other RECEIVED | 1 | |
| | 2. Name of Operator | Other RECEIVED | 9. OGRID Number | |
| | Yates Petroleum Corporation | JUL 1 3 2005 | 025575 | |
| 25 | 3. Address of Operator | | 10. Pool name or Wildcat | |
| 5 | 105 S. 4 th Street, Artesia, NM 88210 | ODD-ARTEDIA | Penasco Draw San A | andres Yeso |
| | 4. Well Location | | _ 1 | |
| | Unit Letter O : 990 feet from the | South line and | 1650 feet from the | East line |
| | | | | |
| | Section 25 Township | 18S Range 25E | | County |
| | 11. Elevation (Sno) | w whether DR, RKB, RT, GR, etc 3458'GR | | |
| | Pit or Below-grade Tank Application 🗌 or Closure 🗌 | 5456 GR | | |
| 6 | Pit type Depth to Groundwater Distance from | nearest fresh water well D | istance from nonvest surface meter | |
| | | | | |
| | Pit Liner Thickness: mil Below-Grade Tank | : Volumebbls; C | Construction Material | |
| | 12. Check Appropriate Box to | o Indicate Nature of Notice | , Report or Other Data | |
| 1 | | 1 | - | |
| | NOTICE OF INTENTION TO: | | BSEQUENT REPORT | |
| | PERFORM REMEDIAL WORK PLUG AND ABAND | | | ING CASING |
| 2 | TEMPORARILY ABANDON CHANGE PLANS | | | ND ABANDON 🔲 |
| | PULL OR ALTER CASING 🔲 MULTIPLE COMPL | | | |
| | | | | _ |
| _ | OTHER: 13. Describe proposed or completed operations. (Clo | OTHER: | nd give nortinent dates | |
| | of starting any proposed work). SEE RULE 110 | 3 For Multiple Completions: A | ttach wellbore diagram of pr | ang estimated date |
| | or recompletion. | o. For Multiple Completions. A | Reach wendore diagram of pr | oposed completion |
| | * | | | |
| | Yates Petroleum Corporation plans to plug and abandon the | his well as follows: | | |
| | 1. MIRU all safety equipment necessary. | | | |
| | 2. Set a 4-1/2" CIBP at 1160' with 35' cement on top. | | | |
| | 3. Spot 25 sx cement at 766'. | | | |
| | 4. Spot 15 sx cement from 150' to surface. | | | |
| Ŷ | 6. Cut off wellhead and install marker. | | | |
| | NOTE: Yates Petroleum Corporation will use steel pits a | nd we earth nite | | |
| | HOTE. Thes Terroleum Corporation with use steer pils a | na no earth plas | | |
| 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1 | | | | |
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| 3 | | | | |
| | | | | |
| | | | | |
| | I hereby certify that the information above is true and com | plete to the best of my knowledge | ge and belief. I further certify t | hat any nit or below- |
| | grade tank has been/will be constructed or closed according to NMC | CD guidelines , a general permit |] or an (attached) alternative OCE | -approved plan []. |
| | · // / | | | |
| | SIGNATURE Juna Jurta | TITLERegulatory Compli | ance Supervisor DATE | July 11, 2005 |
| | | | | |
| ····································· | Type or print name <u>Tina Huerta</u> E-r | mail address: <u>tinah@ypcnm.c</u> | com Telephone No | 505-748-1471 |
| ά¢. | For State Use Only | | | |
| - | APPROVED BY: | TITLE Field S | upervisor DATE | JUL 14 2005 |
| | Conditions of Approval (if any): | | DATE DATE | |
| | ······································ | | | |
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a series

| Submit 3 Copies To Appropriate District Office ' | | lew Mexico | Form C-10 |
|--|---|--|---|
| District I | Energy, Minerals a | nd Natural Resources | May 27, 200 WELL API NO. |
| 1625 N. French Dr., Hobbs, NM 88240 - District II | | | 30-015-10800 |
| 1301 W. Grand Ave., Artesia, NM 88210 | | ATION DIVISION | 5. Indicate Type of Lease |
| District III 1000 Rio Brazos Rd., Aztec, NM 87410 | | St. Francis Dr. | STATE STATE STATE |
| District IV | Santa Fe, | NM 87505 | 6. State Oil & Gas Lease No. |
| 1220 S. St. Francis Dr., Santa Fe, NM 87505 | • | | |
| | TICES AND REPORTS ON | WELLS | 7. Lease Name or Unit Agreement Name |
| (DO NOT USE THIS FORM FOR PROP | OSALS TO DRILL OR TO DEEP | EN OR PLUG BACK TO A | Gerard AW |
| DIFFERENT RESERVOIR. USE "APPI | ICATION FOR PERMIT" (FORM | C-101) FOR SUCH | 8. Well Number |
| PROPOSALS.) 1. Type of Well: Oil Well | Gas Well 🗌 Othe | P&A RECEIVED | 1 |
| 2. Name of Operator | | | 9. OGRID Number |
| Yates Petroleum Corpora | ition | NOV 1 0 2005 | 025575 |
| Address of Operator 105 S. 4th Street, Artesia | NM 88210 | ocu-ari Bou | 10. Pool name or Wildcat Penasco Draw San Andres Yeso |
| 4. Well Location | | | |
| Unit Letter O : | 990 feet from the | South line and | 1650 feet from the East line |
| Section 25 | | | NMPM Eddy County |
| | 11. Elevation (Show wh | | |
| | | 3458'GR | |
| Pit or Below-grade Tank Application | | | |
| | ter Distance from near | est fresh water well D | istance from nearest surface water |
| Pit Liner Thickness: m | il Below-Grade Tank: Vol | umebbls; (| Construction Material |
| 12. Check | Appropriate Box to Inc | licate Nature of Notice | , Report or Other Data |
| | | · . | - |
| | | | |
| | NTENTION TO: | | |
| PERFORM REMEDIAL WORK | PLUG AND ABANDON | REMEDIAL WO | RK 🛛 ALTERING CASING [|
| PERFORM REMEDIAL WORK | PLUG AND ABANDONCHANGE PLANS | REMEDIAL WO COMMENCE DI | RK ALTERING CASING [RILLING OPNS.] PLUG AND ABANDON [|
| PERFORM REMEDIAL WORK | PLUG AND ABANDONCHANGE PLANS | REMEDIAL WO COMMENCE DI | RK ALTERING CASING [RILLING OPNS.] PLUG AND ABANDON [|
| PERFORM REMEDIAL WORK [TEMPORARILY ABANDON [PULL OR ALTER CASING [OTHER: | PLUG AND ABANDON CHANGE PLANS MULTIPLE COMPL | REMEDIAL WO COMMENCE DI CASING/CEMEN OTHER: | RK ALTERING CASING [RILLING OPNS.] PLUG AND ABANDON [NT JOB |
| PERFORM REMEDIAL WORK [TEMPORARILY ABANDON [PULL OR ALTER CASING [OTHER: 13. Describe proposed or com | PLUG AND ABANDON CHANGE PLANS MULTIPLE COMPL | REMEDIAL WO COMMENCE DI CASING/CEMEN OTHER: state all pertinent details, a | RK ALTERING CASING [RILLING OPNS.] PLUG AND ABANDON [|
| PERFORM REMEDIAL WORK [TEMPORARILY ABANDON [PULL OR ALTER CASING [OTHER: 13. Describe proposed or con of starting any proposed or recompletion. | PLUG AND ABANDON CHANGE PLANS MULTIPLE COMPL mpleted operations. (Clearly work). SEE RULE 1103. For the second /li> | REMEDIAL WO COMMENCE DI CASING/CEMEN OTHER: state all pertinent details, a | RK ALTERING CASING [RILLING OPNS.] PLUG AND ABANDON [NT JOB nt give pertinent dates, including estimated of |
| PERFORM REMEDIAL WORK [TEMPORARILY ABANDON. [PULL OR ALTER CASING [OTHER: 13. Describe proposed or con of starting any proposed or recompletion. 10/17/05 – Pumped 60 sx cement 1 | PLUG AND ABANDON CHANGE PLANS MULTIPLE COMPL mpleted operations. (Clearly work). SEE RULE 1103. For in cellar. WOC overnight. | REMEDIAL WO COMMENCE DI CASING/CEMEI OTHER: state all pertinent details, a or Multiple Completions: A | RK ALTERING CASING [RILLING OPNS.] PLUG AND ABANDON [NT JOB] nd give pertinent dates, including estimated of Attach wellbore diagram of proposed complet |
| PERFORM REMEDIAL WORK [TEMPORARILY ABANDON. [PULL OR ALTER CASING [OTHER: 13. Describe proposed or con of starting any proposed or recompletion. 10/17/05 – Pumped 60 sx cement 1 10/18/05 – Squeezed with 50 sx ce 11/3/05 – Squeezed with 100 sx ce | PLUG AND ABANDON CHANGE PLANS MULTIPLE COMPL mpleted operations. (Clearly work). SEE RULE 1103. For an cellar. WOC overnight. ment at 1200' ~ No test. Some at 1200' and the set of the set | REMEDIAL WO COMMENCE DI CASING/CEMEN OTHER: state all pertinent details, a or Multiple Completions: A pueezed with 50 sx cement a 1'. | RK ALTERING CASING [RILLING OPNS.] PLUG AND ABANDON [NT JOB] nd give pertinent dates, including estimated of Attach wellbore diagram of proposed complet |
| PERFORM REMEDIAL WORK [TEMPORARILY ABANDON. [PULL OR ALTER CASING [OTHER: 13. Describe proposed or con of starting any proposed or recompletion. 10/17/05 – Pumped 60 sx cement 1 10/18/05 – Squeezed with 50 sx ce 11/3/05 – Squeezed with 50 sx ce 11/4/05 – Squeezed with 50 sx cer | PLUG AND ABANDON CHANGE PLANS MULTIPLE COMPL mpleted operations. (Clearly work). SEE RULE 1103. For an cellar. WOC overnight. ment at 1200' - No test. Segment at 744'. Tagged at 10 ment at 101'. Tagged at 55'. | REMEDIAL WO COMMENCE DF CASING/CEMER OTHER: state all pertinent details, a or Multiple Completions: A pueezed with 50 sx cement a 1'. | RK ALTERING CASING [RILLING OPNS.] PLUG AND ABANDON [NT JOB [] Ind give pertinent dates, including estimated of Attach wellbore diagram of proposed complet at 1200' – test to 300 psi. |
| PERFORM REMEDIAL WORK [TEMPORARILY ABANDON. [PULL OR ALTER CASING [OTHER: 13. Describe proposed or con of starting any proposed or recompletion. 10/17/05 – Pumped 60 sx cement 1 10/18/05 – Squeezed with 50 sx ce 11/3/05 – Squeezed with 50 sx cer 11/4/05 – Squeezed with 50 sx cer 11/7/05 – Spotted 10 sx cement at | PLUG AND ABANDON CHANGE PLANS MULTIPLE COMPL mpleted operations. (Clearly work). SEE RULE 1103. For an cellar. WOC overnight. ment at 1200' - No test. Segment at 744'. Tagged at 10 ment at 101'. Tagged at 55'. | REMEDIAL WO COMMENCE DF CASING/CEMER OTHER: state all pertinent details, a or Multiple Completions: A pueezed with 50 sx cement a 1'. | RK ALTERING CASING [RILLING OPNS.] PLUG AND ABANDON [NT JOB] nd give pertinent dates, including estimated of Attach wellbore diagram of proposed complet |
| PERFORM REMEDIAL WORK [TEMPORARILY ABANDON. [PULL OR ALTER CASING [OTHER: 13. Describe proposed or con of starting any proposed or recompletion. 10/17/05 – Pumped 60 sx cement st 10/18/05 – Squeezed with 50 sx ce 11/3/05 – Squeezed with 50 sx cer 11/4/05 – Squeezed with 50 sx cer 11/7/05 – Spotted 10 sx cement at REPORT . | PLUG AND ABANDON CHANGE PLANS MULTIPLE COMPL mpleted operations. (Clearly work). SEE RULE 1103. For an cellar. WOC overnight. ment at 1200' - No test. Segment at 744'. Tagged at 10 ment at 101'. Tagged at 55'. | REMEDIAL WO COMMENCE DF CASING/CEMER OTHER: state all pertinent details, a or Multiple Completions: A pueezed with 50 sx cement a 1'. | RK ALTERING CASING [RILLING OPNS.] PLUG AND ABANDON [NT JOB [] Ind give pertinent dates, including estimated of Attach wellbore diagram of proposed complet at 1200' – test to 300 psi. |
| PERFORM REMEDIAL WORK [TEMPORARILY ABANDON. [PULL OR ALTER CASING [OTHER: 13. Describe proposed or con of starting any proposed or recompletion. 10/17/05 – Pumped 60 sx cement st 10/18/05 – Squeezed with 50 sx ce 11/3/05 – Squeezed with 50 sx cer 11/4/05 – Squeezed with 50 sx cer 11/7/05 – Spotted 10 sx cement at REPORT. | PLUG AND ABANDON CHANGE PLANS MULTIPLE COMPL mpleted operations. (Clearly work). SEE RULE 1103. For an cellar. WOC overnight. ment at 1200' - No test. Segment at 744'. Tagged at 10 ment at 101'. Tagged at 55'. | REMEDIAL WO COMMENCE DF CASING/CEMER OTHER: state all pertinent details, a or Multiple Completions: A pueezed with 50 sx cement a 1'. | RK ALTERING CASING [RILLING OPNS. PLUG AND ABANDON [NT JOB I Ind give pertinent dates, including estimated of Attach wellbore diagram of proposed complet at 1200' – test to 300 psi. |
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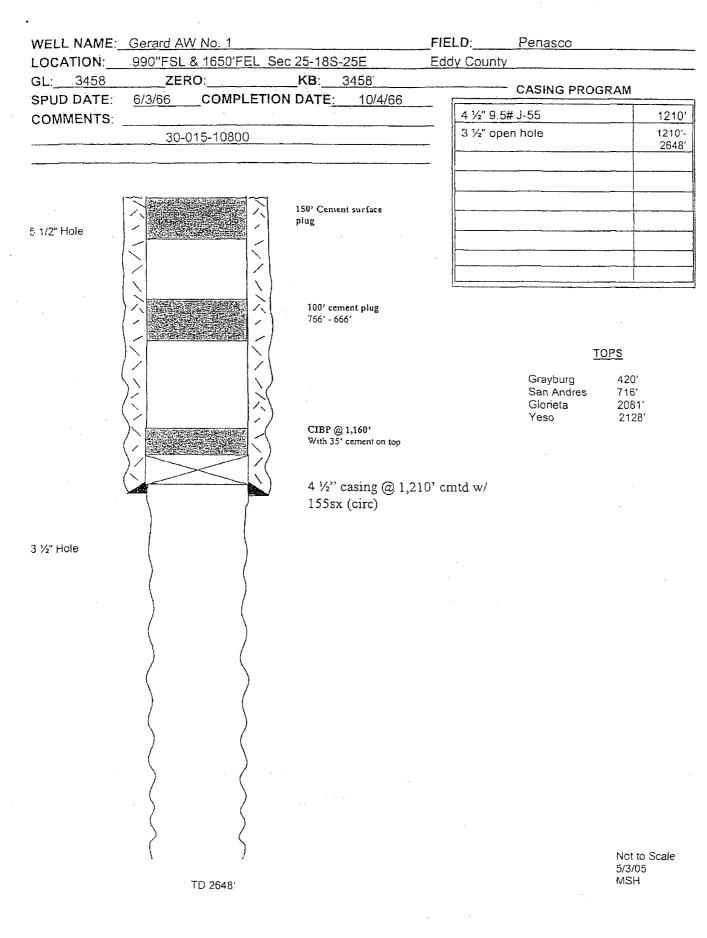
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| Submit 3 Copies Submit 3 Copies to Appropriate District Office DISTRICT 1 P.O. Box 1980, Hobbs, NM 88240 DISTRICT II P.O. Drawer DD, Artesia, NM 88210 DISTRICT III P.O. Drawer DD, Artesia, NM 88210 DISTRICT III 1000 Rio Brazos Rd., Azzec, NM 87410 State of New Energy, Minerals and Natura OIL CONSERVAT P.O. Box Santa Fe, New Mexi Santa Fe, New Mexi | | | Form C-103 Revised J-1-89 C/C WELL API NO. 30-015-21463 S. Indicate Type of Lease STATE FEE X 6. State Oil & Gas Lease No. | |
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| (DO NOT USE THIS FORM FOR F DIFFERENT RES | DTICES AND REPORTS ON PROPOSALS TO DRILL OR TO DE SERVOIR. USE "APPLICATION FO A C-101) FOR SUCH PROPOSALS. | EPEN OR PLUG BACK TO A | 7. Lease Name or Unit Agreement Name | |
| I. Type of Well: OIL OAS WELL WELL | | | Anderson | |
| 2. Name of Operator | | · | 8. Well No. | |
| Anadarko Petroleum Corporation | | | | |
| PO Drawer 130, Ar | tesia, NM 88211-0 | 130 | 9. Pool name or Wildcat Boyd Morrow (Gas) | |
| 4. Well Location | <u></u> | | <u>,</u> | |
| Unit Letter : | 980 Feet From The Sou | th Line and 198 | 30 Feet From The East Lin | |
| Section 1 | Township 19S | | NMFM Eddy County | |
| 777777777777777777777777777777777777777 | 10. Elevation (Show w | hether DF, RKB, RT, GR, etc.) | | |
| | 3413.9 GI | | X/////////////////////////////// | |
| | k Appropriate Box to Indic | • | • | |
| NOTICE OF I | NTENTION TO: | SUB | SEQUENT REPORT OF: | |
| | PLUG AND ABANDON | | ALTERING CASING | |
| | CHANGE PLANS | COMMENCE DRILLING OPNS. | | |
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| DTHER: 12 Describe Proposed or Completed Opwork) SEP RULE 1103. Note: This well 12 7/8" tbg. It is diagram. 1. Rig up coiled 2. Set blanking ptbg at 9080'. 3. Spot 28 sks Catbg and out peformation tops 4. Circulate hole in tbg at 8222 5. Spot 65 sks Catbg and out hole 1 hereby certify that the laformation above is stonature. | has collapsed 4½" s being produced to plug in 1.81" prot GIH with pker or lass H cement from erfs in 2 7/8" to s. TOH with coile e with salt gel mu 4'. lass H cement from in tbg at 8224'. | oTHER: ails, and give pertiment dates, inclu casing on 2 7/8 through 1½" coil ith coiled tbg at file at 9089'. h coiled tbg and n 9080' up to 86 g. This plug co ed tbg. ad by pumping do n 8224' up to 72 (Continued) Ige and bellef. | ding estimated date of starting any proposed 3" tbg and a hole in the ded tbg. See attached well and 2½" pker. Perforate 2 holes in 2 7/2 1 set at approximately 8300 40', by pumping down 1½" overs Morrow and Atoka own 2 7/8" tbg and out hole 200' by pumping down 2 7/8 | |
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Start Four

C-103 (Continued) Anderson #1

6. Shoot off 2 7/8" tbg at 5800' and pull. Shoot off 4½" casing at 5685' and pull.

7. GIH with 2 7/8" tbg and spot 35 sks of Class H cement with 2% CaCl from 5735' up to 5585'. WOC.Tag plug. This plug covers 4½" casing stub and Wolfcamp formation top.

- 8. Spot 30 sx Class H with 2% CaCl from 3920' up to 3820'. WOC. Tag plug. This plug covers base of salt.
- 9. Spot 30 sks Class H with 2% CaCl from 1370' up to 1270'. WOC. Tag plug. This plug covers 8 5/8" casing shoe.
- 10. Spot 30 sks Class H with 2% CaCl from 510' up to 410'. This plug covers 13 3/8" casing shoe.
- 11. Spot 50' surface plug.

1. Can 4

12. Cut off all casing and anchors. Set P&A marker. Clean and rip location.

| Submit 3 Copies tc: Appropriate District Office | State of New Mer Energy, Minerals and Natural Re | | 5 | Form C-103 Revised 1-1-89 | |
|---|---|---|---|--|--|
| DISTRICT I P.O. Box 1980, Hobbs, NM 88240 | OIL CONSERVATIO P.O. Box 208 | | WELL API NO. 24/14 | Ĩ, | |
| DISTRICT II P.O. Drawer DD, Artesia, NM 88210 | Santa Fe, New Mexico 87504-2088 | | | 30-015-21463 5. Indicate Type of Lease | |
| DISTRICT III 1000 Rio Brazos Rd., Aziec, NM 87410 | | MAR | 6. State Oil & Gas Lease No | TE FEE X | |
| SUNDRY NOTICES AND REPORTS ON WELLS { DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A | | | | | |
| DIFFERENT RESE (FORM C | DPOSALS TO DRILL OR TO DEEPEN RVOIR. USE "APPLICATION FOR PEF -101) FOR SUCH PROPOSALS.) | | 7. Lease Name or Unit Agre | ement Name | |
| I. Type of Well: OI. OAS WELL WELL X | OTHER | | Anderson | | |
| 2. Name of Operator | and a second | er en | 8. Well No. | | |
| Anadarko Petroleum 3. Address of Operator | Corporation | | 9. Pool name or Wildcat | | |
| PO Drawer 130, Art | esia, NM 88211-0130 | | Boyd Morrow | Gas) | |
| | 80 Feet From The South | Line and198 | BO Feet From The | East Line | |
| Section 1 | Township 195 Rat | 25E | NMPM | Eddy County | |
| | 10. Elevation (Show whether) 3413.9 GL | UF, KKB, KI, GK, elc.) | | | |
| | Appropriate Box to Indicate N | Nature of Notice, R | eport, or Other Data | | |
| NOTICE OF IN | FENTION TO: | SUE | SEQUENT REPOR | IT OF: | |
| | | REMEDIAL WORK | | NG CASING | |
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| | ntions (Clearly state all pertinent details, an | d give pertinent dates, inclu | iding estimated date of starting a | nny proposed | |
| work) SEE RULE 1103. Note: This well had attached well | collapsed and part diagram. | ed 4½" casine | g when started | plugging. See | |
| plug in 1.81" p 2. Perforated 4 ho set at 8400'. S 1% HR-7 down co | d tbg unit. TOH wit rofile 9089'. les in 2 7/8" tbg a potted 28 sx Class iled tbg and out pe tbg and pker. WOC | t 9080'. WIH H cement with rfs in tbg, | with pker on o h 1% Halad 322 from 9080' up f | coiled tbg and and 2/10 of to 8640'. | |
| plug covers Mor 4. Rigged down coi 8224' up to 707 up 4½" casing. Canyon and Penn | row top. led tbg unit. RUPU. 5' by pumping down WOC. Tagged top of tops. (Cont'd) | Spotted 73 2 7/8" tbg. plug at 7063 page 2 | sx Class H with Out hole in the | n 2% CaCl from g at 8224' and | |
| I hereby certify that the information above is to SIGNATURE 112 Margaret | ue and complete to the best of my knowledge and | beld. LE Field For | eman DAT | 03-01-94 | |
| TYPE OR FRINT NAME Mille | Braswell | | रषा प्र | PHONE NO. 505-677-24 | |
| (This space for State Use) | | | | | |
| mourner miles Switch | 00 | LE Field Repo | r | JUNC 9-94 | |
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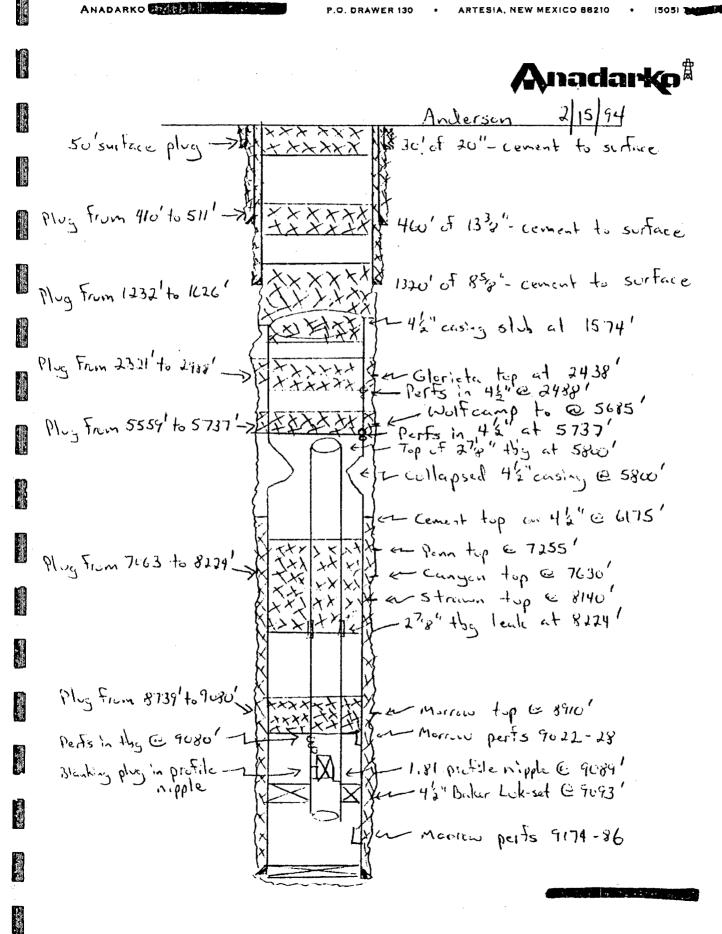
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- Cut off 2 7/8" tbg at 5800'. TOH with tbg. Pulled on 45" and found parted. 5. Recovered 1574' of 4½" casing.
- WIH with overshot on 4½" casing and tied casing back together. 6.
- WIH with pker on 2 3/8" tbg and set at 5328' KB. Pressured to 2000#. 7. Held. WIH with perf gun thru tbg and shot 4 holes in 45" casing at 5737'. Cement squeeze with 84 sx Class H with 2% CaCl from 5737' up to 5500'. WOC. Tagged top of plug at 5726'. Not enough plug.
- Spotted 12 sx Class H with 2% CaCl from 5721' up to 5559'. TOH. This plug 8. covers Wolfcamp top.
- Perforated 4 holes in casing at 2488'. WIH with pker and set at 2200'. 9. Spotted 66 sx Class H with 2% CaCl in and out of 4%" casing from 2488' up to 2300'. WOC. Tagged top of plug 2321'. TOH. This plug covers Glorieta top.
- Unset overshot on $4\frac{1}{2}$ " casing and TOH with 1574' of casing. 10.
- WIH with 2 3/8" tbg open ended and spotted 200 sx Class H with 2% CaCl 11. from 1626' up to 1150'. WOC. Tagged top of plug at 1232'. This plug covers 4½" stub and 8 5/8" casing shoe. Pulled up and spotted 30 sx Class H from 511' up to 410'. This plug
- 12. covers 13 3/8" casing shoe.
- 13. Pulled up and spotted 50' surface plug 02-08-94. RDPU.
- 14. Cleaned location and set P&A marker. Will do surface restoration as per agreement with land owner (Ralph Schafer).
 - Note: Salt gel mud is between all plugs and Johnny Robinson, with NMOCD, witnessed plugging of well.



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APPENDIX D

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Identification of Lessees, Surface Owners and other Interested Parties for Notices; Copies of Notice Letters and Certified Mail Receipts; Copy of Draft Public Notice for Hearing

TABLE D-1

OPERATORS WITHIN ONE MILE RADIUS OF AGAVE METROPOLIS DISPOSAL #1 WELL

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 Agave Energy Co 105 South 4th Street Artesia, NM 88210

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 Yates Petroleum Corporation 105 South 4th Street Artesia, NM 88210

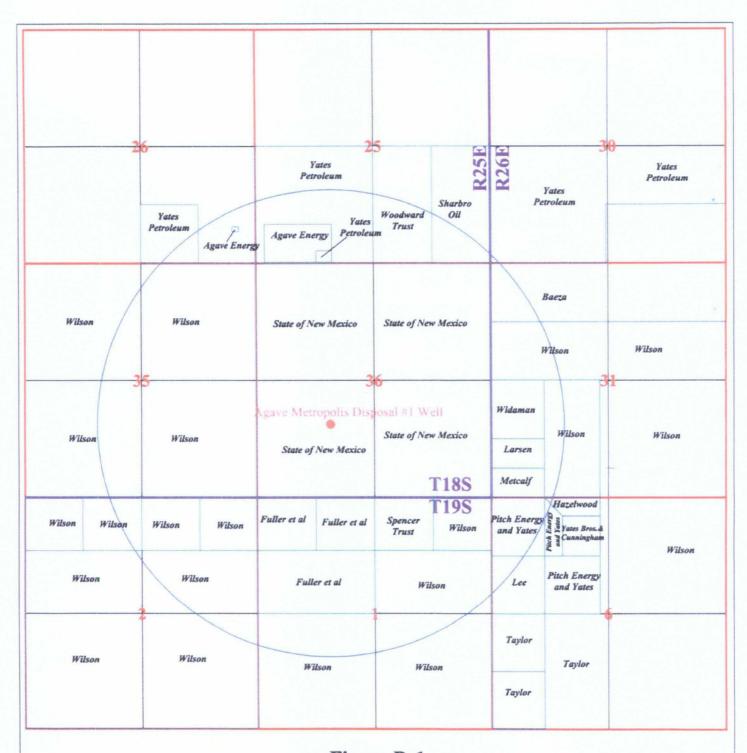


Figure D-1 Approximate Locations of Surface Owners Within One Mile of Agave Metropolis Disposal #1 Well

TABLE D-2

SURFACE OWNERS WITHIN ONE MILE RADIUS OF AGAVE METROPOLIS DISPOSAL #1 WELL

Section 36, Township 18 South, Range 25 East

State of New Mexico State Land Office 310 Old Santa Fe Trail P. O. Box 1148 Santa Fe, NM 87504

Section 35, Township 18 South, Range 25 East

Thomas & Wanda Wilson David & Diana Wilson 235 North Lake Rd. Artesia, NM 88210

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Section 26, Township 18 South, Range 25 East

Agave Energy Company 105 South 4th Street Artesia, NM 88210

Yates Petroleum Corporation 105 South 4th Street treet Artesia, NM 88210

Section 25, Township 18 South, Range 25 East

Sharbro Oil Company, LTD P. O. Box 840 Artesia, NM 88211

Woodward Trust Jeri & Dale Woodward 4748 Elder Avenue Seal Beach, CA 90740

Yates Petroleum Corporation 105 South 4th Street Artesia, NM 88210 Small square in SE/4 on map .57 acre tract in SE/4

SE/4 Less & Except a .57 acre tract

E/2 SE/4

W/2 SE/4

2.17 acre tract in SW/4 Tract 104-25.7 on map

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TABLE D-2 SURFACE OWNERS

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25.38 acre tract in SW /4 Agave Energy Company 105 South 4th Street Tract 104-25.8 on map Artesia, NM 88210 Yates Petroleum Corporation SW/4 less & except 105 South 4th Street 2 above tracts Artesia, NM 88210 Section 30, Township 18 South, Range 26 East Yates Petroleum Corporation SW/4 105 South 4th Street Artesia, NM 88210 Section 31, Township 18 South, Range 26 East Efren & Maria Baeza N/2 N/2 314 N. 14th Artesia, NM 88210 Thomas & Wanda Wilson S/2 NW/4; E/2 SW/4 David & Diana Wilson 235 North Lake Rd. Artesia, NM 88210 Blanche Widaman NW/4 SW/4 Wells Fargo Bank Industry Consulting Group Inc. P. O. Box 810490 Dallas, TX 75381 H. D. Larsen N/2 SW/4 SW/4 % Greta Edington $1715 - 20^{\text{th}}$ Street Gering, NE 69341 Ronald Metcalf S/2 SW/4 SW/4 P. O. Box 37 South Valley Road Palmer Lake, CO 80133

Page 2

TABLE D-2SURFACE OWNERS

Section 6, Township19 South, Range 26 East

Jim & Sandra Hazelwood P. O. Box 507 Troy, MT 59935

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Pitch Energy Corporation & Yates Petroleum Corporation 105 South 4th Street Artesia, NM 88210

Dwight M. Lee % Cindy McDermid 11177 Captains Cove Drive Soddy-Daisy, TN 37379

Section 1, Township 19 South, Range 25 East

Thomas & Wanda Wilson David & Diana Wilson 235 North Lake Rd. Artesia, NM 88210

Glenn R. Fuller 18495 Starduster Drive Nevada City, CA 95959

Section 1, Township 19 South, Range 25 East (continued)

B. E. Spencer Trust First National Bank P. O. Drawer AA Artesia, NM 88211

Section 2, Township 19 South, Range 25 East

Thomas & Wanda Wilson David & Diana Wilson 235 North Lake Rd. Artesia, NM 88210 10 acre tract in Lot 3

10 acre tract in Lot 3 & All Lot 4

Lot 5

S/2; S/2 NE/4; NE/4 NE/4

NW/4

Lot 2

All

Page 3

TABLE D-3

LÉASE HOLDERS WITHIN ONE MILE RADIUS OF AGAVE METROPOLIS DISPOSAL #1 WELL

1. Yates Petroleum Corporation 105 South 4th Street Artesia, NM 88210 (575) 748-1741

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Section 36-Township18S-Range 25E NE/4; SW/4 NW/4; SE/4 NW/4; NW/4 NW/4; NE/4 NW/4; NE/4 SE/4

Section 35-Township 18S-Range 25E S/2; N/2

Section 26-Township 18S-Range 25E SE/4

Section 25-Township18S-Range 25E SW/4; SE/4

Section 30-Township 18S-Range 26E SW/4

Section 31-Township 18S-Range 26E W/2

Section 6-Township 19S-Range 26E N/2

Section 2-Township 19S-Range 25E N/2

Section 1-Township19S-Range 25E S/2 NE/4; E/2 SE/4 Lease #VO-6141-0000 Lease # E1-0165-0001

(Yates, Abo, Myco and Marbob all hold leases)

Table D-3 Lease Holders

2. Chase Oil Corporation P. O. Box 1767 Artesia, NM 88210 (575) 746-9853

> Section 36-Township 18S-Range 25E; SW/4; NW/4 SE/4; SW/4 SE/4; SE/4 SE/4

Section 1-Township 19S-Range 25E NE/4 NE/4; W/2 SW/4; NW/4; W/2 SE/4; E/2 SW/4

3. Marbob Energy Corporation P. O. Box 227 Artesia, NM 88211

> Section 1-Township 19S-Range 25E S/2 NE/4; E/2 SE/4

4. DMD LLC P.O. Box 300 Artesia, NM 88211 (575) 746-2953

> Section 1-Township 19S-Range 25E NE/4 NE/4; W/2 SW/4

5. Abo Petroleum Corporation 105 South 4th Street Artesia, NM 88210

> Section 1-Township 19S-Range 25E S/2 NE/4; E/2 SE/4

6. Myco Industries, Inc. 105 South 4th Street Artesia, NM 88210

Section 1-Township 19S-Range 25E S/2 NE/4; E/2 SE/4 Lease #VO-8443-0000

(DMD LLC also has a lease on this tract)

(Yates, Abo, Myco and Marbob all hold leases)

(Chase Oil also has a lease on this tract)

(Yates, Abo, Myco and Marbob all hold leases)

(Yates, Abo, Myco and Marbob all hold leases)

Page 2

TABLE D-4

MINERAL OWNERS OF ONLY UNLEASED TRACT WITHIN ONE MILE RADIUS OF AGAVE METROPOLIS DISPOSAL #1 WELL

Section 1-Township 18S-Range 25E NW/4 NE/4

1. B. E. Spencer Trust First National Bank P. O. Drawer AA Artesia, NM 88211

1. S. S. S.

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- Wyatt A. Hartman
 W. B. Hickey
 Rt. #1 Box 181-A
 Chattahoochee, FL 32324
- Roy Hartman % Letha J. Hartman, 11025 Larkwood Apt. # 1701 Houston, TX 77096
- Margaret J. Carter
 2032 Medusa Way
 Sacramento, CA 95825
- William Harold Robinson % Margaret J. Carter 2032 Medusa Way Sacramento, CA 95825
- Frances M. Mohr % Margaret J. Carter 2032 Medusa Way Sacramento, CA 95825

- 7. Spitler Family Trust
 % Homer Edward Spitler & Mildred Ilene Spitler
 30315 Santa Fe Street Hemet, CA 92343
- Martha Jane Ford 3520 Roselawn Glendale, CA 91208
- Parrish Family Trust
 % James Paul Parrish & Carole D. Parrish
 1702 Paloma Avenue
 Glendale, CA 91208

TABLE D-5

RESIDENCES AND BUSINESS FACILITIES WITHIN ONE MILE RADIUS OF AGAVE METROPOLIS DISPOSAL #1 WELL

Section 31, Township 18 South, Range 26 East

- 1. Efren & Maria Baeza, 179 West Kincaid Ranch Road, Artesia, NM (Physical Address)
- 2. Raul and Delilah Baeza, 193 West Kincaid Ranch Road, Artesia, NM (Physical Address)
- 3. Christine Baeza, 175 West Kincaid Ranch Road, Artesia, NM (Physical Address)

Mailing Address: 314 North 14th Street, Artesia, NM 88210

Section 25, Township 18 South, Range 25 East

4. Yates Petroleum Corporation 105 South 4th Street Artesia, NM 88210

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5. Agave Energy Corporation 105 South 4th Street Artesia, NM 88210

Section 26, Township 18 South, Range 25 East

6. Agave Energy Corporation 105 South 4th Street Artesia, NM 88210

.57 acre tract in SE/4 (tract 104-26.2 on map)

7. Yates Petroleum Corporation 105 South 4th Street Artesia, NM 88210

Section 35, Township 18 South, Range 25 East

E/2; Home and Barns

8. David Wilson 80 West Kincaid Ranch Rd., Artesia, NM (Physical Address) Mailing Address: 235 North Lake Rd., Artesia, NM 88210

OTHER AGENCIES REQUIRING NOTICE

9. US Bureau of Land Management Carlsbad Field Office 620 East Greene Street Carlsbad, NM 88220-6292

10. New Mexico State Land Office (included in notice to surface owners within one mile radius)

2.17 acre tract in SW/4; (tract 104-25.7 on map) Office & Warehouse

25.38 acre tract in SW/4 (tract 104-25.8 on map) Gas Processing Plant

N/2 N/2; Residences

Compressor Station SE/4; Four Warehouse Buildings December 20, 2010

6

S. B. B. B.

Generic Notified Party Mailing Address City, State Zip Code

VIA CERTIFIED MAIL RETURN RECEIPT REQUESTED

RE: Agave Energy Company Application

This letter is to advise you that Agave Energy Company ("Agave") filed the enclosed application on December 20, 2010 with the New Mexico Oil Conservation Division ("NMOCD" or "the Division"). The application requests authority to inject acid gas and carbon dioxide (CO₂) into Agave's existing Metropolis Disposal #1 Well (API No. 30-015-31905). The well is located approximately 8 miles southwest of Artesia, New Mexico, between the Rio Peñasco and Four Mile Draw. More specifically, it is located 1,650 feet from the West line and 1,650 feet from the South line of Section 36, Township 18 South, Range 25 East, in Eddy County, roughly one mile south of Agave's Dagger Draw Processing Plant.

Agave proposes to recomplete and modify the Metropolis Disposal #1 Well in a manner that will ensure safe injection. The proposed injection would be into the basal Devonian, the Fusselman and the Montoya Formations through an injection interval from 9,930 to 10,500 feet. Agave proposes a maximum injection pressure of 3,300 psi and a maximum daily injection rate of 205 barrels. The recompleted well will serve as the disposal well for acid gas currently being flared at the Dagger Draw Processing Plant.

This application has been set for hearing before a Division Examiner at 8:15 am on Thursday, January 20, 2011 in Porter Hall at the NMOCD's Santa Fe office located at 1220 South Saint Francis Drive, Santa Fe, New Mexico 87505. You are not required to attend this hearing, but as an owner of an interest that may be affected by Agave's application, you may appear and present testimony. Failure to appear at that time and become a party of record will preclude you from challenging the application at a later date.

A party appearing at the hearing is required by the Division's rules to file a Pre-Hearing Statement with the NMOCD's Santa Fe office no later than January 13, 2011. This statement must be served on counsel for Agave and on all other parties and should include: your name and the name of your attorney, if any; a concise statement of the case; the names of all witnesses you will call to testify at the hearing; the approximate time you will need to present your case; and an identification of any procedural matters that need to be resolved prior to the hearing. Generic Notified Party December 20, 2010 Page 2

If you have any questions concerning this application, you may contact Mr. Alberto Gutierrez at (505) 842-8000 at Geolex, Inc. 500 Marquette Avenue NW, Suite 1350, Albuquerque, New Mexico 87102 or Agave's counsel, Mr. Thomas Hnasko, at (505) 982-4554 at Hinkle, Hensley, Shanor & Martin, LLP, 218 Montezuma, Santa Fe, NM 87504.

Sincerely, Geolex, Inc.

Alberto A. Gutiérrez, C.P.G. President Consultant to Agave Energy Company

Enclosure

AAG/lh

C:\ Projects\10-009\Reports\C-108\Notices\Final Agave Notice Letter.docx

AGAVE ENERGY COMPANY DRAFT PUBLIC NOTICE FOR HEARING

Case No. ______: *Application of Agave Energy Company for authority to inject, Eddy County, New Mexico.* Agave Energy Company requests an order authorizing it to inject acid gas and carbon dioxide (CO₂) from the Dagger Draw Processing Plant into its Metropolis Disposal #001 Well (API No. 30-015-31905). The well is located in Section 36, Township 18 South, Range 25 East, NMPM, in Eddy County, New Mexico. Agave Energy seeks approval to recomplete the Metropolis Disposal #001 Well and inject acid gas and CO₂ into the basal Devonian, Fusselman and Montoya formations in an injection interval from 9,930 feet to 10,500 feet, and approval of a maximum injection pressure of 3,300 psi and a maximum daily injection rate of 205 barrels. The Metropolis Disposal #001 well is located eight (8) miles southwest of Artesia, New Mexico.

APPENDIX E

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H₂S Contingency Plan Rule 11 Plan

H₂S Contingency Plan

Agave Dagger Draw Processing Plant and the Metropolis Disposal #1 Well

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Agave Energy Company

105 South 4th Street Artesia, NM 88210 (575-748-4555)

December 20, 2010

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| V. Characteristics of Hydrogen Sulfide (H₂S), Sulfur Dioxide (SO₂), and Carbon Dioxide (CO₂) [NMAC 19.15.11.9.B(2)(b)][API RP-55 7.4 b.] | 10 |
| VI. Facility Description, Maps, and Drawings [AC [19.15.11.9.B(2)(c)][API RP-55 7.4 c.]. A. Dagger Draw Processing Plant B. Metropolis Disposal #1 Well C. Map of Plant and Well | 14 |
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X. Submission of H₂S Contingency Plans

A. Submission

B. Retention

C. Inventory

MAPS AND FIGURES

- Map 1 Agave Dagger Draw Plant Facilities Locations
- Map 2 General Diagram of Agave Dagger Draw Gas Plant and Location of Pipeline Connecting Plant with Metropolis Disposal #1 Well

Figure 1 Photos of Pipeline

APPENDICES

Appendix A – Facility Maps and Drawings

- Map A-1: Facility Map
- Map A-2: Alarms and Monitors, Dagger Draw Active Equipment
- Map A-3: Safety and Fire Equipment, Dagger Draw Active Equipment
- Map A-4: Evacuation Router, Dagger Draw Active Equipment
- Map A-5: Proposed Perimeter Alarms
- Map A-6: Metropolis Disposal #1 Well

Appendix B – Response Flow Diagram

Appendix C – ROE Calculations

Map C-1: Facility, Pipeline and Well Site ROE

Appendix D – Muster Areas and Evacuation Routes Map D-1: Evacuation Routes to Muster Areas

Appendix E – Distribution List

Agave H₂S Contingency Plan

OPERATOR QUICK REFERENCE GUIDE

Dagger Draw Processing Plant Level 1 Response FOR PLANT_OR WELLHEAD ALARMS

H₂S Detected Greater than 10 ppm H₂S Intermittent Audible Alarm and flashing amber lights

- Evacuate to Emergency Assembly Area
- Evacuate visitors from plant to designated Muster Area
- Notify Agave Management
- Assign operators to suit up in SCBA
- Check Computer for location of H₂S alarm
- Notify all entities in the 500 ppm ROE when perimeter monitors reach 10 ppm H₂S
- Wearing SCBA attempt to locate and repair leak
- Rotate Operators in 15 minute shifts • If H_2S levels exceed 10 ppm H_2S in
- emergency muster area relocate to alternate muster area

If H₂S levels exceed 20 ppm H₂S proceed to Level II response



Once resolved and monitored levels in plant are less than 10 ppm H₂S return to plant and continue to monitor

Location of Facilities

Agave Dagger Draw Processing Plant (See Map 1)

Go south of Artesia, NM on Hwy 285 approximately 9 miles to County Road 38 (Kincaid Ranch Road). Turn right (west) on Kincaid Ranch Road and go approximately 2.8 miles to Pipeline Road. Turn right (north) and go 0.2 miles to the Dagger Draw Gas Plant Office. Physical address is 278 Pipeline Road, Artesia, NM 88210. Section 25-Township 18S-Range 25E

Metropolis Disposal #1 Well (See Map 1)

Go south of Artesia, NM on Hwy 285 approximately 9 miles to County Road 38 (Kincaid Ranch Road). Turn right (west) on Kincaid Ranch Road and go 2.6 miles (just past the Agave Field Office). Turn left (south) on dirt lease road and go approximately 0.6 miles then turn left (east) and go 0.2 miles to the Metropolis Disposal #1 Well. Section 36-Township 18S-Range 25E

Emergency Trailer – Atoka Facility Location (See Map 1)

From Artesia, drive south on Highway 285 to County Road 39. Turn east and drive approximately 2 miles. The facility is on the south side of the road in NW/NE Sec 14 18S 26 E.

I. Introduction

[API RP-55 7.1]

The Agave Dagger Draw Processing Plant is a natural gas processing plant which handles and/or generates hydrogen sulfide (H_2S) and/or sulfur dioxide (SO_2). This H_2S contingency plan was created to outline procedures that are to be followed in the event of an H_2S release that occurs at the plant, the acid gas well, or on the acid gas pipeline. The response plan is the same regardless of where the release takes place. This plan complies with the New Mexico Oil Conservation Division (OCD) Rule 11. This plan also conforms to API RP-55.

II. Scope

[API RP-55 7.2]

This contingency plan is specific to the Agave Dagger Draw Gas Processing Plant and acid gas injection system. This plan contains procedures to provide an organized response to an unplanned release from the plant, well site and pipeline connecting them.

III. Plan Availability

[API RP-55 7.3]

This contingency plan shall be available to all personnel responsible for implementing any portion of the plan. Copies of the plan will be distributed to the following agencies: New Mexico Oil Conservation Division (OCD), New Mexico Department of Public Safety, Local Emergency Planning Committee (LEPC), Artesia Fire Department, Atoka Fire Department, Artesia Police Department, and Eddy County Sheriff's Department. The Plan will be available at the following Agave Energy Company locations: Dagger Draw Processing Plant, the Artesia Field Office, Emergency Response Trailer at Atoka (Map 1) and the Agave Main Office in Artesia.

IV. Emergency Procedures

[NMAC 19.15.11.9.B(2)(a)] [API RP-55 7.4 a]

A. Responsibilities and Duties of Personnel during an Emergency

1. Plant Manager or designee will serve as the Incident Commander (IC); is responsible for training operators assigned to the plant, contractors and visitors on the implementation of this plan; and will maintain communication with Agave management and residents within the radius of exposure (ROE).

2. Plant Supervisor or designee will serve as the Incident Commander (IC) in the absence of the Plant Manager; is responsible for training and supervising plant operators on the implementation of this plan, will maintain accountability of all contractors and visitors; and will maintain communication with the plant manager and Agave management.

3. Plant Operators will perform operations in accordance with this safety plan; assist in the accountability and evacuation of visitors and contractors to designated muster areas; and keep the plant supervisor and manager informed on the repair progress.

4. Essential Agave Personnel will be familiar with the procedures in this plan and assist plant operators in assisting with the implementation of this plan in a safe manner.

5. Visitors and contractors on site will be familiar with safety alarms and signals at the Dagger Draw Gas Processing Plant and the acid gas injection system; and adhere to instructions of Plant Operators and other Agave personnel in evacuation of the facilities.

Agave H₂S Contingency Plan

December 20, 2010

B. Immediate Action Plan

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1. The following outlines the immediate action Plan that is illustrated by the response flow diagram in Appendix B. This is to be used when responding to an H_2S release. Response levels are the same for a release at the plant or the acid gas well. Additional or long term response actions will be determined on a case-by-case basis, if needed, once the Incident Command Center (ICC) and System (ICS) are established following the immediate response.

| Level | Alarms | Actions |
|-------|---------------|---|
| I | Intermittent | 1. The audible signal for a Plant emergency and evacuation is an intermittent alarm |
| | audible alarm | and yellow lights (repeating off/on) activated when levels of H ₂ S of 10 ppm or |
| | sounded | greater are detected. In addition, a flashing yellow light or beacon will be activated |
| | and/or | at 10 ppm or greater of H ₂ S. A computer in the control room and in the Plant |
| | flashing | Supervisor office establishes which H ₂ S monitor has activated the alarm and/or |
| | yellow lights | flashing yellow beacon, be it a plant monitor or well monitor. At the initial sound of |
| | activated for | the intermittent alarm or the flashing yellow beacon, assigned operators will put on |
| Ì | H₂S at 10 | a 30 minute self-contained breathing apparatus (SCBA) and all other personnel in |
| | ppm or | the Plant complex or well site shall immediately evacuate the Plant or well site to |
| | greater. | the Emergency Assembly Area. If H ₂ S concentrations are 10 ppm or greater, then |
| | | personnel will evacuate to a designated Muster Area determined by the Incident |
| | | Commander (IC) (see Appendix D). The operators, upon suit up with the self- |
| | | contained breathing apparatus (SCBA), will first help any persons in distress |
| | | evacuate to the Emergency Assembly Area. If deemed necessary by the Plant |
| | | Manager or Plant Supervisor, local emergency response service providers will be |
| | | contacted by Plant personnel designated by the Plant Manager or Supervisor. |
| | | 2. All entities within the 500 ppm radius of impact (ROE) will be notified (by |
| | | telephone) of a release if the perimeter alarms are activated at 10 ppm H ₂ S or |
| | | greater. Notification will be done by personnel designated by the Plant Manager or |
| | | his designee. The nature of the release and status of containment will be |
| | | conveyed. Businesses will be advised to report the incident to employees working |
| | | near the Plant and to alert any third party contractors or service companies |
| + | | working in the Plant vicinity or imminently scheduled to work in the vicinity of the |
| | - | release. All should be instructed to leave the area and not to enter/re-enter area |
| | | until further notice. Operators will put on self-contained breathing apparatus |
| | | (SCBA). |
| | | 3. Wearing the self-contained breathing apparatus (SCBA), the operator(s) will |
| | | attempt to fix the cause of the release. The H_2S levels at the Emergency Assembly Area will be monitored with a hand held or personal monitor and with the fixed |
| | | monitor. |
| | | 4. The Incident Commander (IC) will set up secondary re-entry team(s) with 30 |
| | | minute self-contained breathing apparatus (SCBA) to re-enter and resolve the |
| | | situation. Re-entry will occur in 15 minute shifts at the direction of the Incident |
| | | Commander (IC) until the problem is resolved or the emergency shut down (ESD) |
| | | is activated. If H_2S levels in the Emergency Assembly Areas exceed 10 ppm H_2S , |
| | | evacuate to alternate Emergency Assembly Area and continue to monitor |
| | | Emergency Assembly Area with personal or handheld H ₂ S monitors. If evacuation |
| | | to Muster Area occurs, road blocks will be established near the Muster Areas on |
| | | Kincaid and Pipeline Road. If release is resolved and monitored levels in the Plant |
| | | are less than 10 ppm H_2S , personnel may re-enter the Plant. The Oil Conservation |
| | | Division (OCD) shall be notified within four hours of any release that activates the |
| | | Plan. If the release is not resolved and H_2S levels continue to increase, Level 2 |
| | | Response is indicated. |

| evels | Alarms | Actions |
|-------|---|--|
| 11 | Intermittent | 1. The intermittent alarm and red flashing lights indicate the detection of H ₂ S greate |
| | audible alarm | than or equal to 20 ppm. (Flashing yellow lights indicate a H2S release of 10 ppm of |
| | sounded | greater and they will change to red for a release of 20 ppm or greater.) A control |
| | and/or | |
| | | panel in the Plant supervisor's office establishes which H_2S monitor has activated the |
| | flashing red | alarm and or flashing red beacon, be it a plant monitor or a well monitor. At the initia |
| | lights | sound of the intermittent alarm or observance of the flashing red beacons, th |
| | activated for | operators will exit to the Muster Area designated by the Plant Manager or h |
| | H ₂ S greater | designee. Other personnel in the Plant complex will put on emergency escape pack |
| | than 20 ppm | located throughout the plant, or well location and evacuate along with the operato |
| | | using the evacuation routes to the Emergency Assembly Area and then to the Must |
| 1 | ан — С. | Area (see Appendix D) designated by the Plant Manager or designee. At the |
| | | assembly area, the Plant Manager or designee will assign operators to put on a 3 |
| | | minute self-contained breathing apparatus (SCBA). Local emergency response |
| | | service providers will be contacted by Plant Manager or designee. |
| | | 2. All other entities within the 100 ppm and 500 ppm radius of impact (ROE) will b |
| | | contacted by phone and notified of release and asked to evacuate when a perimet |
| | | monitor reads 10 ppm H2S or greater . All entities within the 100 ppm radius |
| | | |
| | | impact (ROE) will be contacted by phone and notified of release. The nature of the |
| | | release and status of containment will be conveyed. Depending on release statu |
| | | and prevailing wind conditions, some entities within the 100 ppm radius of impa |
| | | (ROE) may be asked to shelter in place or evacuate. Notifications will include b |
| | - | are not limited to the following: |
| | | a) Other entities within the 100 ppm radius of impact (ROE), depending on release |
| | | status and prevailing wind conditions, will be asked to shelter in place. The |
| | | entities will be instructed to close any windows and shut off any a |
| | | conditioning/heating until further notice. In addition, they will be instructed |
| | | contact other employees/residents not currently present and instruct them not |
| | | enter/reenter the area until further instruction. |
| | | b) If a perimeter monitor is activated, the LEPC and law enforcement will the second s |
| | | contacted by phone and notified of the release and status of containment. The |
| | | Incident Commander (IC) will assign personnel notification responsibility. |
| | | 3. Operator(s) with 30 minute self-contained breathing apparatus (SCBA) will asses |
| | | the release and attempt to resolve it. If after 45 minutes on scene there is r |
| | | resolution, the operator(s) will notify the Plant Manager to determine if the |
| | · . | emergency shut down (ESD) should be activated. |
| | | |
| | | 4. If monitored H ₂ S levels at Muster Area exceed 10 ppm, evacuate to an alterna |
| | | Muster Area. If deemed necessary, local emergency response service providers w |
| | | be contacted by the Incident Commander (IC). |
| | | a) Re-entry will occur in full self-contained breathing apparatus (SCBA) and in |
| | | minute shifts at the direction of the IC until IC determines problem has been |
| | | resolved or emergency shut downs (ESDs) are activated. |
| | | b) If release is resolved and monitored levels of H ₂ S in the Plant are less than |
| | | ppm, personnel may return to Plant. The Oil Conservation Division (OCD) shall |
| | | notified within four hours of any release that activates the Plan. All entitie |
| | | previously notified will be informed that the release has been resolved an |
| | | advised of the current monitored H_2S levels at the Plant. |
| | | c) No resolution requires activation of full H_2S Plan with notifications and reporting |
| | | as per Plan. If the release is not resolved and/or H_2S levels continue to increas |
| ł | | |
| | | Level 3 Response is indicated. |
| | | d) Monitoring will continue after problems are abated, at the direction of the Pla |
| | | Manager. |
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| Level | Alarms | Actions |
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| | Intermittent | 1. If H_2S is at 20 ppm or greater and repair efforts at Level 2 have been |
| | audible alarm | unsuccessful, worst case scenario, and/or catastrophic release have occurred, then |
| | sounded | implement a Level 3 response. |
| | and/or | 2. Road blocks will be set up near the Muster Areas on Kincaid Road and Pipeline |
| | flashing red | Road. |
| | lights activated for | 3. All personnel shall have evacuated to a designated Muster Areas. Evacuation of all entities within the 500 ppm radius of impact (ROE) will have been confirmed. |
| | catastrophic | Implement full H_2S Plan with all notifications and public agency involvement. |
| | release; fire; | Notifications to all entities within the 100 ppm radius of impact (ROE) will include the |
| | or explosion | nature of the release and status of containment. Notifications will include but are not |
| | | limited to the following: |
| | ESD alarm is | a) All businesses within the 100 ppm radius of impact (ROE) will be instructed to |
| | a continuous | immediately alert all company personnel, third party contractors and/or services |
| | siren with red, | companies working in the area, and those imminently scheduled to work in the |
| | amber, and | area, of the release and evacuation status of the Plant. They will be instructed to |
| 1 | blue lights that | immediately leave and/or not enter/reenter the area within the roadblocks until |
| | flash | further instruction. |
| | | b) All other entities (including private residents) within the 100 ppm radius of |
| | · · · · · · | impact (ROE) will be instructed to immediately shelter in place, if appropriate |
| | | based on the source of the release and the wind direction. Those entities will be |
| | | instructed to close any windows and shut off any air conditioning/heating until |
| | | further notice. In addition, they will be instructed to contact other |
| | | employees/residents not currently present to not enter/reenter the area until further instruction. |
| | | c) The Incident Commander (IC) will make the decision based on, but not limited |
| | | to, H_2S concentration and wind direction, whether a safe evacuation can be |
| | | implemented, and recommend an evacuation route. |
| | | 4. If escaping vapors have ignited, the vapors should be allowed to continue to burn |
| | | unless the fire endangers personnel, other property, or other equipment. |
| | | 5. When applicable, maintain communication with the Plant Manager, or his |
| | | designee, to keep him up-to-date of the situation and the action taken prior to his |
| | 1 | arrival at the location. |
| | | 6. Initiate and maintain a Chronological Record of Events log. |
| | | 7. Within one hour after the activation of the H_2S Plan, begin agency notifications by |
| | | calling Oil Conservation Division (OCD) and National Response Center (NRC). |
| | | 8. Establish media staging area adjacent to Muster Area 2 and direct all media to it. |
| | | 9. Once resolved and monitored levels in the Plant and at Muster Area are less than |
| | | 10 ppm, roadblocks will be removed, and all entities within the 100 ppm radius of |
| | | impact (ROE) will be allowed to return. All entities previously notified will be informed |
| | | that the release has been resolved and advised of the current monitored H_2S levels. 10. Monitoring will continue after problems are abated, at the direction of the Plant |
| | | Manager |
| | | 11. Agency reports to be submitted as required. |
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Agave H₂S Contingency Plan

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C. Telephone Numbers and Communication Methods 1. Emergency Services

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| 1. Emergency Services | |
|----------------------------|--------------------|
| AGENCY | TELEPHONE # |
| Artesia Fire Department | (575) 946-5050 |
| Atoka Fire Department | (575) 946-5050 |
| Artesia Police Department | (575) 746-5000 |
| Eddy County Sheriff | (575) 887-7551 |
| Carlsbad Police Department | (575) 885-2111 |
| State Police (HMER) | |
| District 3 Roswell | (575) 827-9312 |
| Sub District 3 Carlsbad | (575) 885-3138 |
| Sub District 3 Hobbs | (575) 827-9320 |
| Ambulance Services | |
| Artesia | (575) 746-5050 |
| Carlsbad | (575) 885-2111 |
| | |

| | Artesia | (575) 746-5050 |
|---------------------|---------------------------|----------------|
| | Carlsbad | (575) 885-2111 |
| Hospitals | | |
| | Artesia General | (575) 748-3333 |
| | Carlsbad Medical Center | (575) 887-4100 |
| | Veterinarians | |
| | Artesia Animal Clinic | (575) 748-2042 |
| | Livingston Animal Clinic | (575) 746-6167 |
| Helicopter Services | | |
| | Lifeguard (Albuquerque) | 1-800-633-5438 |
| | Southwest Medivac (Hobbs) | 1-800-242-6199 |
| | AeroCare (Lubbock) | 1-800-627-2376 |
| | Air Med (El Paso) | (915) 772-1449 |

2. Government Agencies

| AGENCY | TELEPHONE # |
|---|----------------|
| Oil Conservation Division (OCD) | (505) 476-3440 |
| | (575) 748-1283 |
| US BLM | (575) 887-6544 |
| Local Emergency Planning Committee (LEPC) | (575) 887-9511 |
| National Response Center (NRC) | 1-800-424-8802 |

3. Operators and Contractors

| COMPANY | TELEPHONE # |
|-------------------------------------|----------------|
| CVE | (575) 746-3571 |
| PVT | (575) 748-1241 |
| DCP Midstream | (800) 435-1679 |
| Chevron/West Texas Pipeline Company | (800) 762-3404 |
| Transwestern Pipeline | (281) 714-2265 |
| Yates Petroleum Corporation | (575) 748-1471 |

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| Name | Address | TELEPHONE # |
|------------------------|-----------------------------|--------------------|
| David and Diana Wilson | 80 West Kincaid Ranch Road | (575) 457-2309 |
| Raul and Delilah Baeza | 193 West Kincaid Ranch Road | (575) 308-3195 |
| Efrin and Maria Baeza | 179 West Kincaid Ranch Road | (575) 513-0471 |
| Christine Baeza | 175 West Kincaid Ranch Road | (575) 457-2585 |

5. Agave Internal Call List

| NAME | TITLE | Office # | Cell # |
|---------------------|--------------------------------|----------------|----------------|
| J.B. Smith | President | (575) 748-4414 | (575) 365-8517 |
| Rusty Nasta | Operations Manager | (575) 748-4523 | (575) 626-7971 |
| Ivan Villa | Engineering Supervisor | (575) 748-4528 | (575) 365-4888 |
| Jennifer Knowlton | Environmental Engineer | (575) 748-4528 | (505) 238-3588 |
| Robert Moorhead | Plant Manager/South Mechanical | (575) 748-6815 | (575) 365-4840 |
| | Supervisor | | |
| Gary Greenwood | Plant Supervisor | (575) 748-8414 | (575) 365-6794 |
| Mark Smith | PSM Coordinator/Plant Operator | (575) 748-8410 | (575) 365-5053 |
| Dustin McNeely | Plant Operator | N/A | (575) 703-5493 |
| Justin Troublefield | Plant Operator | N/A | (575) 365-7503 |
| Glen Blake | Regulatory Coordinator | (575) 748-4546 | (575) 626-8168 |
| Bill Johnson | South Measurement Supervisor | (575) 748-6816 | (575) 365-4615 |
| Jason Fuentes | South Pipeline Supervisor | (575) 748-4518 | (575) 365-8939 |

6. Agave Energy Company will use 2-way radios and telephones to communicate internally. Telephone will be used for external communication.

D. Location of Nearby Residences, Roads, and Medical Facilities

- 1. The following residences are located within the ROE of the: a) Plant — None
 - b) Metropolis Disposal #1 Well None
 - c) Pipeline None
- 2. The following roads are located within the ROE:
 - a) Kincaid Ranch Road

b) Pipeline Road

3. There are no medical facilities located within the ROE.

E. Evacuation Routes, Emergency Assembly Area, Muster Areas, and Road Block Locations

1. Evacuation Routes, Emergency Assembly Area, and Muster Areas are depicted on Map D-1 in Appendix D.

2. Pre-planned road block locations are designated near the muster areas on Pipeline Road and Kincaid Ranch Road and are depicted on Map D-1 in Appendix D. Each location will have pre-positioned, portable road barriers with lights. The locations will have flashing lights and warning signs. If the release is sufficient to require evacuation to muster areas, then roadblocks near the muster areas on Kincaid Ranch Road and Pipeline Road to the west and north of the facility, respectively, will be established. The Incident Commander (IC) will designate a representative to staff each of the two roadblocks. If deemed necessary by the Incident Commander (IC), the State or Local Police will be asked to assist with maintaining the roadblocks.

3. Emergency lights on the Muster Area signs will be activated by any <u>perimeter alarm</u> of 10 ppm or greater H_2S or Level III activation.

F. Monitoring Equipment, Alarm Systems, Safety Equipment, and Supplies Available 1. EMERGENCY SHUTDOWN SYSTEM: There are (8) ESD manual stations located at various points in the facility. See Maps A-2 and A-3 in Appendix A. The Plant ESD can be activated at any time by any employee or at the direction of the Incident Commander (IC).

When any one of the eight (8) manual stations is activated, the system will be shutdown and the natural gas inlets and outlets will be blocked. The operators are also able to auto close the one (1) main block valve on the incoming gas line to the Plant. Activating these should allow the plant to avoid a Level 3 response. The Incident Commander (IC) can send trained personnel to designated off-site manual block valves. There are also various methods to shut down gas flow at the various wellheads and incoming gathering lines. These can and would be evaluated on a case by case basis.

Designated employees will have remote access to the plant controls including ESD capabilities.

2. PLANT ALARMS, VISIBLE BEACONS & WIND INDICATORS: Colored beacons, horns, and wind direction indicators are located in various locations throughout the Plant and are indicated in Appendix A on Maps A-2, A-3, and A-6.

The audible signal for an emergency response and Plant evacuation is a repeating intermittent alarm that sounds at H_2S concentrations of 10 ppm or greater. The alarm will remain intermittent when the concentration of the H_2S release is 20 ppm or higher. At the initial sound of this intermittent alarm, the plant operators will evacuate to the emergency assembly area put on a self-contained breathing apparatus (SCBA) and all personnel in the plant complex shall immediately proceed in a safe manner to the Emergency Assembly Areas as prescribed by the Emergency Action Plan.

A flashing red beacon signifies an H_2S release of 20 ppm or higher and all personnel in the plant complex shall immediately proceed in a safe manner to the Emergency Assembly Area located outside of the plant office. If this area is not determined to be safe, all will move to designated Muster Area. Evacuation routes and Muster Areas are indicated on the map in Appendix A, on Map A-4 and A-6 as well as Appendix D, on Map D-1.

A routine process alarm will cause a horn to sound. This horn sound is used to alert the plant Operator to return to the Control Room. No emergency response or evacuation is required when this horn sounds.

Wind direction indicators are installed throughout the plant. At least one wind direction indicator can be seen at any location within the Plant complex, as well as from any point on the perimeter of the plant. There are ten (10) windsocks located in the Plant.

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3. GAS DETECTION EQUIPMENT: The Plant uses a Smart Sensor System fixed plant H_2S Sensors. These sensors are a fixed point monitoring system used to detect the presence of hydrogen sulfide in ambient air. The yellow flashing beacon is activated at H_2S concentrations of 10 ppm or greater. The horn is activated with an intermittent alarm at H_2S concentrations of 10 ppm or greater. The lights change to red at 20 ppm H_2S and the horn remains intermittent. The fixed hydrogen sulfide monitors are strategically located throughout the Plant to detect an uncontrolled released of hydrogen sulfide. The Plant operators are able to monitor the H2S level of all the Plant sensors on the control monitor located in the control room and the Dagger Draw Plant Field Office. In addition, select employees can access this information remotely. These sensors are located on the plot plan in Appendix A, Maps A-2 and A-3. These sensors all have to be acknowledged and will not clear themselves. This requires immediate action for any occurrence or malfunction. The Plant sensors are calibrated monthly.

Redline wireless H_2S detectors are installed along the perimeter of the plant and the perimeter of the acid gas disposal well. Perimeter H_2S detectors report to the Redline monitor every five minutes to confirm detector functionality. Once H_2S gas is detected, the H_2S detectors report to the monitor every five seconds. The detectors will go into alarm at H_2S values of 10 ppm and above. Redline H_2S head unit locations are depicted on Map A-5 and A-6 in Appendix A.

Handheld gas detection monitors are available to plant personnel to check specific areas and equipment prior to initiating maintenance or work on the process equipment. There are 3 handheld monitors and each individual is assigned a personal H₂S monitor. The handheld gas detection devices are Industrial Scientific ITX 3-gas detectors and BW Gas Alert Micro 5 4-way monitors. The detectors have sensors for oxygen, LEL (explosive hydrocarbon atmospheres), hydrogen sulfide, and carbon dioxide. They indicate the presence of H₂S with a beeping sound at 10 ppm. The beeps change in tone as H₂S increases to 20 ppm. The personal monitors are set to alarm (beep) at 10 ppm with the beeps becoming closer together as the H₂S concentration increases to 20 ppm. Both the handheld and personal monitors have digital readouts of H₂S ppm concentration.

a) The compressor building has two methane sensors; one sends a call out at 30% lower explosive limit (LEL); the second shuts the compressors down at 50% lower explosive limit (LEL). The methane sensors are visual and audible alarms. The compressor building also is equipped with fire eyes that will also shut the units down. The four product pumps also have LEL sensors.

4. RESPIRATORS: The Plant has 30 minute self-contained breathing apparatus (SCBA) respirators and 5 minute escape packs strategically located throughout the Plant. The respirator locations are identified in Appendix A on Maps A-3 and A-6. All Plant personnel are certified to use the self-contained breathing apparatus (SCBA) respirators.

5. FIRE FIGHTING EQUIPMENT: The Plant personnel are trained only for insipient stage fire fighting. The fire extinguishers located in the Plant process areas, compressor buildings, process buildings, and company vehicles are typically a 20# ABC dry chemical fire extinguisher. See Appendix A, Maps A-3 and A-6 for locations. The Plant does not have a fire water system, only a utility water system that is not designed for fire fighting.

6. EMERGENCY RESPONSE TRAILER AND EQUIPMENT: Agave Energy Company has an Emergency Response Trailer located at the Atoka Facility (Map 1; Map D-2 Appendix D). This is located outside all radii of exposure (ROE) from the facility along the pipeline to the well.

Driving Directions: From Artesia, drive south on Highway 285 to County Road 39. Turn east and drive approximately 2 miles. The facility is on the south side of the road in the NW/NE Sec 14 18S 26 E. See Map D-2 in Appendix D. The trailer can serve as a mobile resource center or Incident Command Center.

a) EMERGENCY RESPONSE TRAILER CONTENTS

- · 2 wind socks / wind direction indicators w/poles & spares
- 1 110 volt generator, portable w/wheels
- 4 5-gas sensor ambient monitors (O₂, SO₂, LEL, CO, H₂S) with automatic air pumps (15 sec per foot) and data logging capability
- 1 calibration unit for monitors
- 5 intrinsically safe communication radios & chargers, 32 channel with capability to be programmed to fire service and police channels
- 4 20# stored pressure, ABC class Fire Extinguishers
- 4 4500 Grade D breathing air cylinders, regulator, low pressure alarm, and hose reel w/ 300 ft hose (total) and correct quick disconnects.
- 1 stretcher
- 1 20-person First Aid Kit with burn gel packets
- 4 30-minute SCBA's
- 4 work unit SCBA's
- 2 lights, mounted on each rear of trailer for night operations
- 2 hand cleaner for decontamination of petroleum products.
- 3 traffic Control Kits
- 1 emergency flare gun for lighting uncontrollable hazardous gases
- 2 full body harness and 150' X 2 lifelines
- 2 "Hazardous Area" "Do Not Enter" signs / barricades
- 2 burn gel blankets
- 1 set of maps and Emergency Response Plans
- 4 temporary use Nomex Fire retardant clothing (2-LG & 2-XLG)

7. TRAFFIC CONTROL KIT CONTENTS

- 3 electronic road flares
- 1 28" stop sign paddle
- 4 reflective traffic control vests
- 2 emergency signal wands
- 1 emergency Response Guidebook

8. FIRST AID EQUIPMENT LOCATIONS:

- a) First Aid Kits are located at the following locations:
- Lab
- Office
- b) Eye Wash stations are located at the following locations:
- Lab
- Office

9. PERSONAL H₂S MONITORS: All Agave personnel assigned to the Plant and associated field personnel are issued personal H₂S monitors.

10. SIGNS and MARKERS: The Plant has warning signs indicating the presence of " H_2S /Poisonous Gas" and high pressure gas at the entrance to the Plant. Emergency response phone numbers are posted at the entrance to the Plant. Signs are located at the Plant gate entrance indicating that all visitors are to sign in.

V. Characteristics of Hydrogen Sulfide (H₂S), Sulfur Dioxide (SO₂) and Carbon Dioxide (CO₂) [NMAC 19.15.11.9.B(2)(b)] [API RP-55 7.4 b.]

A. Hydrogen Sulfide (H₂S): Hydrogen Sulfide (H₂S): The proposed inlet gas streams into the Plant will contain a maximum of 7,600 ppm (or 0.76 mole percent) of hydrogen sulfide based on data generated from the sampling of the inlet gas at least daily. Hydrogen sulfide is a colorless, toxic and flammable gas, and has the odor of rotten eggs. Hydrogen sulfide gas is heavier than air. Hydrogen sulfide presents a significant health hazard by paralyzing the respiratory system resulting in serious injury or death.

| Hydrogen Sulfide Properties and Characteristics | | | | |
|---|-------------------------|--|--|--|
| CAS No. | | | 7783-06-4 | |
| Molecular Formula | | | H ₂ S | |
| Molecular Weight | | | 34.082 g/mol | |
| Ceiling Concentration | | | 20 ppm (OSHA) | |
| Ceiling Peak Concentration |) | | 50 ppm (OSHA) | |
| TLV | | <u> </u> | 15 ppm (ACGIH) | |
| TWA | | | 10 ppm (NIOSH) | |
| STEL | | | 15 ppm (ACGIH) | |
| IDLH | | | 100 ppm | |
| Specific Gravity Relative to | Air (Air=1 | .0) | 1.189 | |
| Boiling Point | | - | -76.5F | |
| Freezing Point | | | -121.8F | |
| Vapor Pressure | | | 396 psia | |
| Autoignition Temperature | | | 518F | |
| Lower Flammability Limit | | | 4.3% | |
| Upper Flammability Limit | | | | |
| Stability | | Stable | | |
| pH in water | | 3 | | |
| Corrosivity | Reacts with metals, pla | | Reacts with metals, plastics, tissues and nerves | |
| Physical Effects of Hydrogen Sulfide | | | f Hydrogen Sulfide | |
| Concentration | | | | |
| Ppm | % | Physical Effects | | |
| 11 | 0.00010 | Can be smelled (rotten egg odor) | | |
| 10 | 0.0010 | Obvious & unpleasant odor; Permissible exposure level; safe | | |
| | | for 8 hour exposure | | |
| 20 | 0.0020 | Acceptable ceiling concentration | | |
| 50 | 0.0050 | Loss of sense of smell in 15 minutes | | |
| 100 | 0.0100 | Immediately dangerous to life and health(IDLH) loss of sense | | |
| | | of smell in 3-15 minutes; stinging in eyes & throat; Altered | | |
| | | breathing | | |
| 200 | 0.0200 | Kills smell rapidly; stinging in eyes & throat | | |

Agave H₂S Contingency Plan

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| 500 . | 0.0500 | Dizziness; Unconscious after short exposure; Need artificial respiration |
|-------|--------|--|
| 700 | 0.0700 | Unconscious quickly; death will result if not rescued promptly |
| 1000 | 0.1000 | Instant unconsciousness; followed by death within minutes |

B. Sulfur Dioxide (SO₂): Sulfur dioxide is produced as a by-product of H₂S combustion at the flare. The flare unit receives the residual hydrogen sulfide and carbon dioxide stream that is routed from the amine unit. It is colorless, transparent, and is non-flammable, with a pungent odor associated with burning sulfur. Sulfur dioxide is heavier than air, but will be picked up by a breeze and carried downwind at elevated temperatures. Sulfur dioxide can be extremely irritating to the eyes and mucous membranes of the upper respiratory tract.

| Sulfur Dioxide Properties & Characteristics | | | |
|---|---|--|--|
| CAS No. | | 7446-09-5 | |
| Molecular Formula | · | SO ₂ | |
| Molecular Weight | | 64.07 g/mol | |
| PEL | | 5 ppm(OSHA) | |
| TWA | | 2 ppm(ACGIH) | |
| STEL | | 5 ppm(ACGIH) | |
| IDLH | | 100 ppm | |
| Specific Gravity Relative to Air (Air = 1.0 |) | 2.26 | |
| Boiling Point | | 14°F | |
| Freezing Point | | -103.9°F | |
| Vapor Pressure | | 49.1 psia | |
| Auto ignition Temperature | | N/A | |
| Lower Flammability Limit | | N/A | |
| Upper Flammability Limit | | N/A | |
| Stability | | Stable | |
| Corrosivity | | Could form an acid rain in aqueous solutions | |
| Physical Effects of Sulfur Dioxide | | | |
| Concentration | Effect | | |
| 1 ppm | Pungent odor, may cause respiratory changes | | |
| 2 ppm | Permissible exposure limit; Safe for an 8 hour exposure | | |
| 3-5 ppm | | dor; normally a person can detect sulfur | |
| | dioxide in t | | |
| | | n Exposure Limit (STEL); Safe for 15 minutes | |
| | of exposure | | |
| 12 ppm Throat irrit | | ation, coughing, chest constriction, eyes tear | |
| 100 ppm | and burn | | |
| | Immediately Dangerous To Life & Health (IDLH) | | |
| 150 ppm | So irritating that it can only be endured for a few minutes | | |
| 500 ppm | Causes a sense of suffocation, even with first breath | | |
| 1,000 ppm | Death may | result unless rescued promptly. | |

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C. Carbon Dioxide (CO₂): The proposed inlet streams into the Plant will contain a maximum of 383,100 ppm (or 38.31 mole percent) of carbon dioxide based on data generated from the sampling of the inlet gas at least daily. Carbon dioxide gas is colorless, odorless and non-flammable and is heavier than air.

| Carbon Dioxide Properties & Characteristics | | |
|---|---|---|
| CAS No. | · | 124-38-9 |
| Molecular Formula | | CO ₂ |
| Molecular Weight | en service de la constance de la | 44.010 g/mol |
| TWA | | 5,000 ppm |
| STEL | ······································ | 30,000 ppm |
| IDLH | | 40,000 ppm |
| Specific Gravity Relative to Air | (Air = 1.0) | 1.5197 |
| Boiling Point | | -109.12°F |
| Freezing Point | · · · · · · · · · · · · · · · · · · · | -69.81°F |
| Vapor Pressure | | 830 psia |
| Autoignition Temperature | | N/A |
| Lower Flammability Limit | | N/A |
| Upper Flammability Limit | | N/A. |
| Stability | · · | Stable |
| pH in Saturated Solution | · · · · · · · · · · · · · · · · · · · | 3.7 |
| Corrosivity | | dry gas is relatively inert & not corrosive; can be corrosive to mild steels in aqueous solutions |
| | sical Effects of Carbon | Dioxide |
| Concentration Effect | | Effect |
| 1.0 % | Breathing rate increases slightly | |
| 2.0 % | - | s to 50% above normal level. |
| | Prolonged exposure can cause headache, tiredness | |
| 3.0 % | Breathing rate increases to twice normal rate and | |
| | becomes labored. Weak narcotic effect. Impaired hearing, headache, increased blood pressure and pulse rate | |
| 4 – 5 % | Breathing increases to approximately four times normal rate, symptoms of intoxication become evident, and slight choking may be felt | |
| 5 – 10 % | Characteristic sharp odor noticeable. Very labored breathing, headache, visual impairment, and ringing in the ears. Judgment may be impaired, followed within minutes by loss of consciousness | |
| 10 – 100 % | Unconsciousness occurs more rapidly above 10% level. Prolonged exposure to high concentrations may eventually result in death from asphyxiation | |

Agave H₂S Contingency Plan

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D. Radii of Exposure (ROE) [NMAC 19.15.11.7.K]

The basis for worst case scenario calculations is as follows:

- The hydrogen sulfide content of the inlet natural gas stream into the Agave Dagger Draw Gas Plant is variable, ranging upwards to 7,600 parts per million (ppm) or 0.76 mole percent. In reality, the actual H₂S concentration that the plant processes will be much less than this.
- The inlet gas H_2S concentration of 0.76 mole percent was determined using a massbalance approach, an analysis of 60.8 mole percent H_2S in the acid gas stream and a maximum acid gas flow rate of 0.5 MMSCFD. It is assumed that the amine system removes 100% of the H_2S from the inlet gas.
- The plant has a maximum daily (24 hour) processing volume of 40 MMSCF.
- The worst case scenario radius of exposure (ROE) also assumes an uncontrolled instantaneous release from the area around either the Metropolis Disposal #1 Well, the amine still at the facility and/or at any point along the pipeline connecting the two of the above referenced volume and concentration. Because the Plant is a throughput process plant, it is impossible that the entire 24 hour-throughput volume of the Plant could be released instantaneously as is assumed in the worst case scenario calculations of the ROE. However, to comply with NMAC 19.15.11, that assumption is the worst case scenario in the formulas/calculations provided here.

It should further be noted that the reason this rate, used as worst case, could not be released over a 24 hour period is the Plant's emergency shutdown (ESD) systems would be activated. The emergency shutdown (ESD) would prevent the flow of gas into the Plant in the event of an emergency. See Appendix C and Map C-1 for more information.

The formulas for calculating the two radius of exposure (ROE) are as follows:

100 ppm Radius of Exposure Calculation (as per 19 NMAC 15.11.7.K.1):

X=[(1.589)(hydrogen sulfide concentration)(Q)]

500 ppm Radius of Exposure Calculation (as per 19 NMAC 15.11.7.K.2):

X=[(0.4546)(hydrogen sulfide concentration)(Q)]

Where:

X = radius of exposure in feet

"hydrogen sulfide concentration" = the decimal equivalent of the mole or volume fraction of hydrogen sulfide in the gaseous mixture

Q = Escape rate expressed in cubic feet per day (corrected for standard conditions of 14.73 psi absolute and 60 degrees Fahrenheit)

December 20, 2010

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| Amine | Unit (| Facility |) |
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| 500-ppm ROE | 1648 feet |
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| 100-ppm ROE | 3606 feet |

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| | | | |

| 500-ppm ROE | 1648 feet |
|-------------|-----------|
| 100-ppm ROE | 3606 feet |

| Acid Gas Disposal Well | | |
|------------------------|-----------|--|
| 500-ppm ROE | 1648 feet | |
| 100-ppm ROE | 3606 feet | |

The ROE for the facility, pipeline and well are shown on Map C-1 of Appendix C. This ROE pattern is designed to include the 100 and 500 ppm radii for a potential worst case failure at any point in the system from the facility at the north to the well to the south.

VI. Facility Description, Maps, and Drawings [NMAC 19.15.11.9.B(2)(c)] [API RP-55 7.4 c.]

A. Dagger Draw Processing Plant Description of Operations- The primary function of the plant is to remove H_2S and CO_2 from sour field gas so that the gas can meet pipeline specifications. The plant has been designated a primary Standard Industrial Classification (SIC) Code of 1311. The operation of the Agave Dagger Draw Gas Plant is intended to process 40 MMSCFD of gas. The facility is authorized to operate continuously (8,760 hr/yr) at design maximum capacity processing rates. The gas will be treated to remove acid gas components, dehydrated to remove water and processed to remove heavy (liquid) hydrocarbons from the gas stream. Several plant systems will be involved to perform these functions.

The amine unit is designed to remove acid gas components (carbon dioxide, hydrogen sulfide and mercaptans) from the natural gas stream. These components are removed from the natural gas because they are corrosive, hazardous to health, and reduce the heating value of the natural gas stream. In addition, the carbon dioxide can freeze in the cryogenic unit forming dry ice and forcing the shutdown of the facility. This is known as the gas sweetening process. The acid gas removed by the amine unit will be disposed of by either acid gas injection into a disposal well or by incinerating in a flare. The preferred method of disposal will be to compress the gas and inject it into the well. Under emergency situations, the gas will be flared to prevent the emission of lethal hydrogen sulfide to atmosphere.

The glycol dehydration unit will receive approximately 40.0 MMSCFD of treated gas (sweet) from the amine unit and reduce the water content of the gas by circulating triethylene glycol (TEG). Molecular sieve dehydration is used upstream of the cryogenic processes to achieve a -150°F dew point. The process uses two molecular sieve vessels with one vessel in service absorbing moisture from the gas stream and the other vessel in the regeneration mode.

The cryogenic unit is designed to liquefy natural gas components from the sweet, dehydrated inlet gas by removing work (heat) from the gas by means of the turbo expander. The cryogenic unit recovers natural gas liquids (NGL) by cooling the gas stream

to extremely cold temperatures (-150°F) and condensing components such as ethane, propane, butanes and heavier hydrocarbons. Once the sweet, dry gas exits the cryogenic unit, it needs to be recompressed to approximately 800 to 1200 psi before the gas is sent to the main transportation pipeline. This is accomplished with two 2500 horsepower electric drive compressors.

The hot oil system in the plant is used to provide heat to certain processes within the facility. The system will circulate approximately 600 GPM of hot oil and deliver 15.5 MMBTU/hr to other processes.

B. Metropolis Disposal #1 Well Description of Operations- The low pressure (< 10 psig), acid gas stream from the amine unit is routed to the acid gas compressor. The stream is then subject to a series of compression and cooling cycles, thus dehydrating and compressing the acid gas stream to a pressure of approximately 1150 psig. The high pressure acid gas stream then flows through a 2" stainless steel pipeline to the injection well site. At this point, the stream is introduced into the well.

There are a number of safeguards designed to prevent leaks or overpressure of the system. The acid gas compressor is equipped with multiple pressure transmitters. These transmitters monitor compressor suction and discharge pressures and are programmed to shut the acid gas system down when the pressures fall outside a pre-programmed operating range. As an additional safeguard, the compressor panel is also equipped with high and low pressure shutdowns for each stage of compression that will shut the compressor down when pressures reach preset high and low pressure set points.

As shown on Map 2, the acid gas pipeline runs from the Agave Dagger Draw Plant in a southwesterly direction, crosses Kincaid Ranch Road at the plant boundary and continues southwesterly along a gravel road for approximately 3680 feet. The pipeline then turns east along the Metropolis Disposal #1 Well access road for an additional 900 feet to the wellhead. South of Kincaid Ranch Road, the pipeline and well are entirely contained within Section 36, Township 18 South, Range 25 East. This land is owned by the State of New Mexico. Agave Energy has the following three Rights-of-Way from the State of New Mexico in this section for the pipeline: R18068, R17745 and R17949. The Metropolis Disposal #1 Well Site is covered under Yates Petroleum Company Oil Leases VO-6141-0000 and E1-0165-0001. The pipeline is buried at a depth of 6-1/2 feet for its entire length and is marked, as required, with permanent surface markers. (See Map 2 and Figure 1)

The acid gas pipeline is constructed from 2" inch 304 stainless steel tubing. The pipeline has been designed with a maximum allowable working pressure of 2350 psig. Historical injection pressures average 1150 psig. For leak detection purposes, the 2" acid gas line has been encased in 6" SDR 11 polyethylene pipe. A "sweet" gas stream flows through the annulus between the 6" and 2" pipelines at a preset pressure and flow rate. This sweet gas stream is monitored continuously for H₂S and over/ under pressure. If any one variable falls outside the predetermined operating range, the acid gas compressor is shut down and the acid gas stream is routed to the flare.

Safeguards for the acid gas injection well consist of a subsurface safety valve. This valve is designed to isolate and shut in the injection well if a leak occurs along the acid gas pipeline or at the surface of the well.

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C. Map of Plant and Metropolis Disposal #1 Well

See Appendix A, Map A-1

VII. Training and Drills

[NMAC 19.15.11.9.B(2)(d)] [API RP-55 7.4 d]

A. Responsibilities and Duties of Essential Personnel

1. Personnel responsible for implementing this plan shall be trained on their duties and responsibilities related to this plan during the annual on-site or table top training exercises.

2. Plant Orientation Training - All Plant personnel, visitors, and contractors must attend a Plant overview orientation prior to obtaining permission to enter the Plant. A refresher course on this training is required annually for all persons. This training also complies with the requirements of the Agave Energy Company Process Safety Management Program and Procedures Manual.

B. On-site or Classroom Drills

Agave Energy Company may use table top exercises as well as hands on emergency response training methods. Agave Energy Company shall conduct a table top exercise annually at a minimum.

C. Notification and Training of Others on Protective Measures in Emergency Situations

Affected residents will be invited to participate and/or observe annual drills, as well as being briefed on notification, evacuation, and shelter in place plans.

D. Training and Attendance Documentation

All training and drills will be documented. Documentation shall include sign in sheets, synopsis of the training conducted, and an after action review of the training.

E. Briefing of Public Officials on Evacuation and Shelter in Place Plans

Local law enforcement, first responders, and fire personnel will also be invited to participate and/or observe annual drills, as well as being briefed on notification, evacuation, and shelter in place plans.

VIII. Coordination with State Emergency Plans [NMAC 19.15.11.9.B(2)(e)]

A. Oil Conservation Division (OCD)

1. Oil Conservation Division (OCD) will be notified with an automatic email to the District II office advising of the activation of the H_2S Contingency Plan if any of the alarms are activated at 10 ppm H_2S or greater. In the event of a power failure, a phone call will be made within four hours. All subsequent paperwork will be filed in a timely fashion.

B. New Mexico State Police/ New Mexico Hazardous Materials Emergency Response Plan

1. The New Mexico State Police are responsible for overall scene management and coordination of all resources. A designated Emergency Response Officer (ERO) will establish the National Interagency Incident Management System (NIIMS) Incident Command System (ICS) as the Incident Commander (IC) and be responsible for management of all response resources on scene. Off-scene coordination of response resources will be handled through designated Headquarters Emergency Response Officers. Law enforcement-related activities will be coordinated by State Police.

IX. Plan Activation

[NMAC 19.15.11.9.C] [API RP-55 7.4 d]

A. Activation Levels

Level 1 – Intermittent alarm sounded and/or flashing amber beacons activated for H_2S greater than or equal to 10 ppm

Level 2 – Intermittent alarm sounded and/or flashing red beacons activated for H_2S greater than or equal to 20 ppm

Level 3 –Catastrophic release; fire; explosion; a continuous release of maximum volume for 24 hours; or NMAC 19.15.11: mandatory activation of indication of 100 ppm in any defined public area; 500 ppm at any public road; or 100 ppm at a distance greater than 3000 feet from the site or the release. Because the 100 ppm radius of impact (ROE) boundary is greater than 3000 feet from the site of release, a Level 3 response would occur before the escape of the 24 hour release volume.

B. Events that Could Lead to a Release of H₂S

- Inlet and plant piping failure
- Amine still failure
- Flange/gasket leaks on inlet and plant piping
- Flange/gasket leaks on the acid gas compressor
- Flange/gasket leaks at metropolis disposal well
- Failure of acid gas pipeline
- Valve packing
- Seal failure on acid gas compressor
- Failure of flare to ignite during Plant emergency blow down

X. Submission of H₂S Contingency Plans [NMAC 19.15.11.9.D]

A. Submission

1. Agave Energy Company will submit the H₂S Contingency Plan to the Oil Conservation Division (OCD).

B. Retention

1. Agave Energy Company shall maintain a copy of the contingency plan in the Main Office at 105 South 4th Street in Artesia, NM. The plan shall be readily accessible for review by the Oil Conservation Division (OCD) upon request.

C. Inventory

1. Agave Energy Company will file an annual inventory of wells, facilities and operations for which plans are on file with the Oil Conservation Division (OCD), to the Local Emergency Planning Committee (LEPC) and the State Emergency Response Commission as per NMAC 19.15.11.

2. The inventory shall include the name, address, telephone number, and point of contact for all operations in which plans are on file.

MAPS AND FIGURES

MAP 1: Agave Dagger Draw Plant Facilities Locations

- MAP 2: General Diagram of Agave Dagger Draw Gas Plant and Location of Pipeline Connecting Plant with Metropolis Disposal #1 Well
- FIGURE 1: Photos of Pipeline

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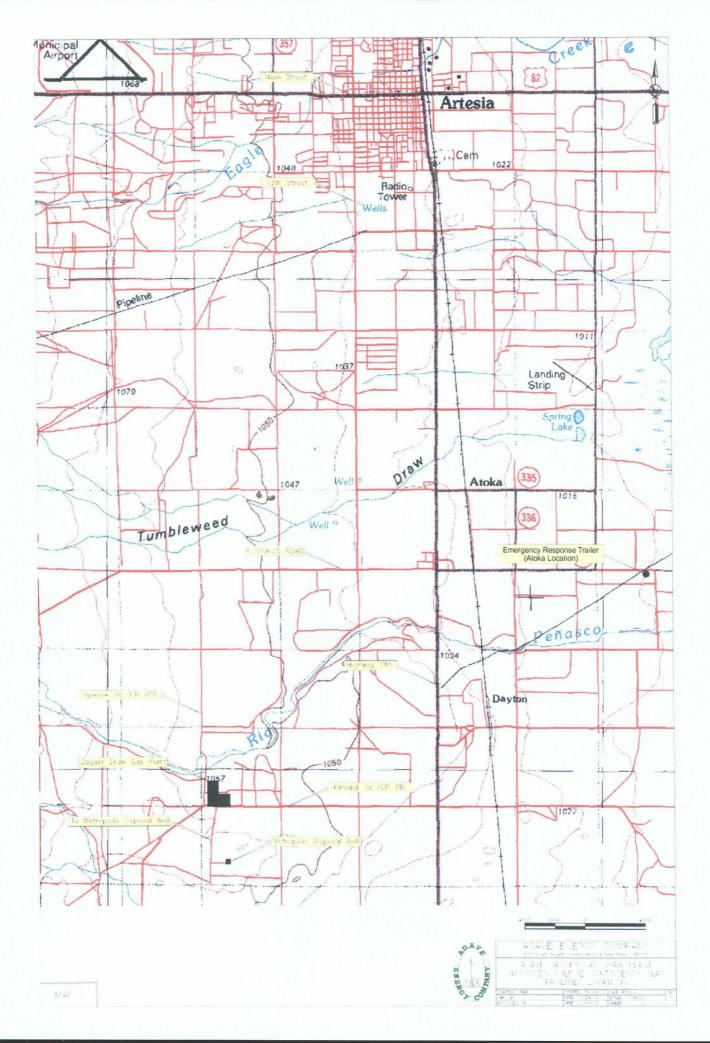
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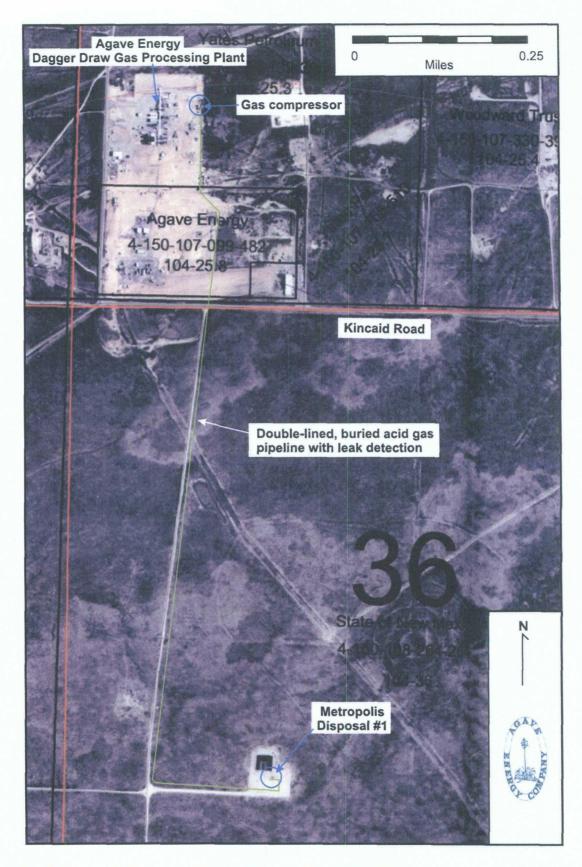
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Agave H₂S Contingency Plan

December 20, 1010





Map 2: General Diagram of Agave Dagger Draw Gas Plant and Location of Pipeline Connecting the Plant with the Metropolis Disposal #1 Well





Figure 1: Photos of Pipeline Connecting Agave Energy's Dagger Draw Gas Plant With Metropolis Disposal #1 well. A) Acid Gas Compressed at the Gas Plant is Introduced to a 2" Stainless Steel Pipeline Surrounded by a 6" Polyethylene Pipe. Pipeline Integrity is Monitored Using a Stream of Sweet Natural Gas in the Volume Between the Two Pipes. B) Outside of the Fenced in Areas at the Plant and Wellhead, the Pipeline is Buried and Clearly Marked. C) The Pipeline Rises Above Ground and Connects to the Production Tree at the Metropolis Disposal #1 Wellhead

APPENDIX A – Facility Maps

Map A-1: Facility Map

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Map A-2: Alarms and Monitors, Dagger Draw Active Equipment

Map A-3: Safety and Fire Equipment, Dagger Draw Active Equipment

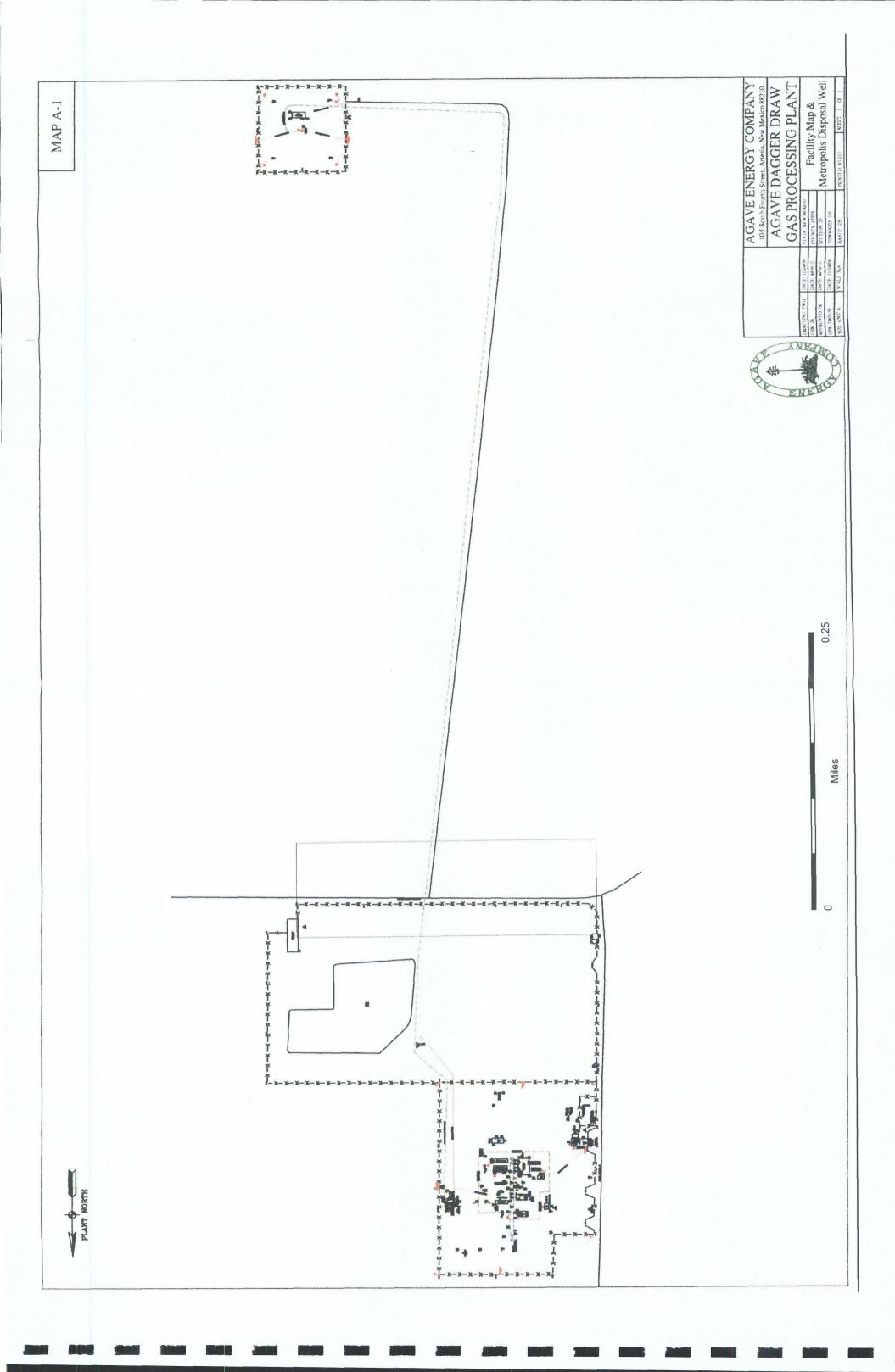
Map A-4: Evacuation Router, Dagger Draw Active Equipment

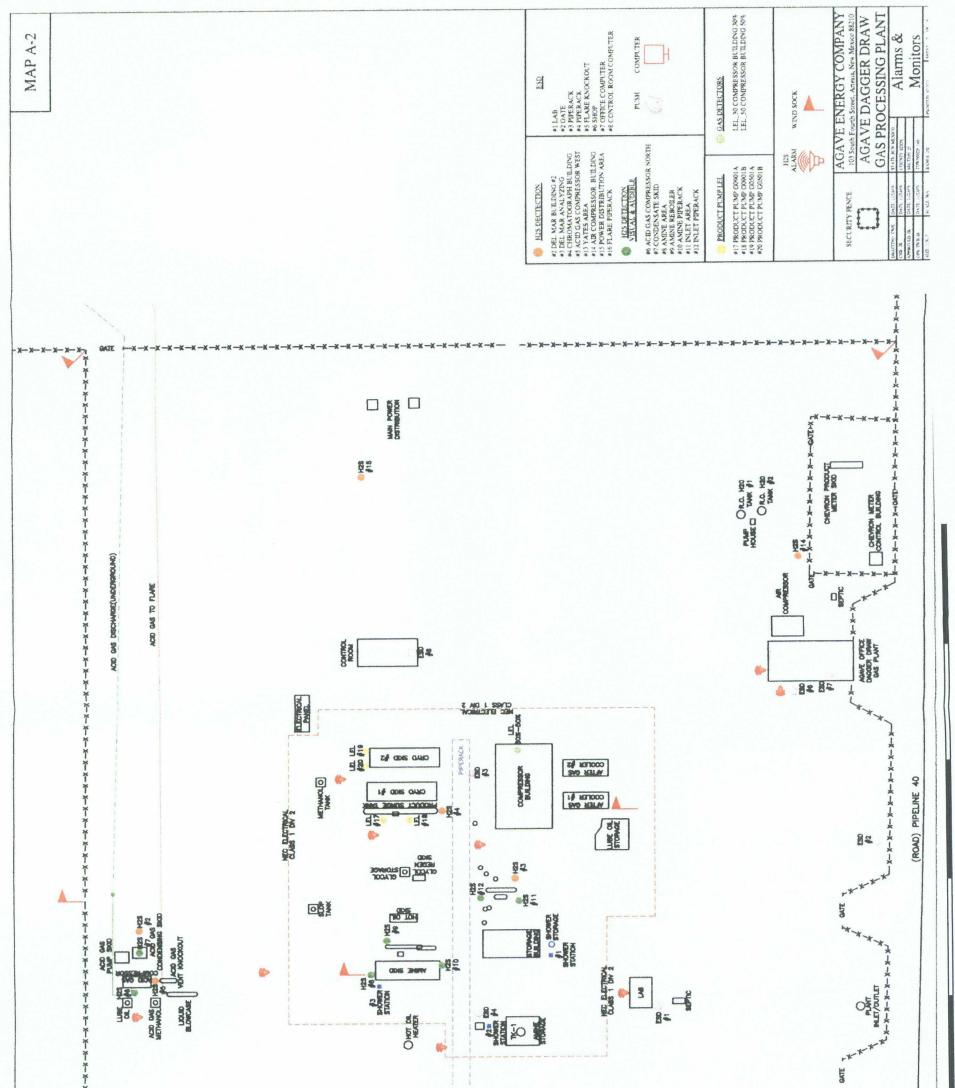
Map A-5: Proposed Perimeter Alarms

Map A-6: Metropolis Disposal Well

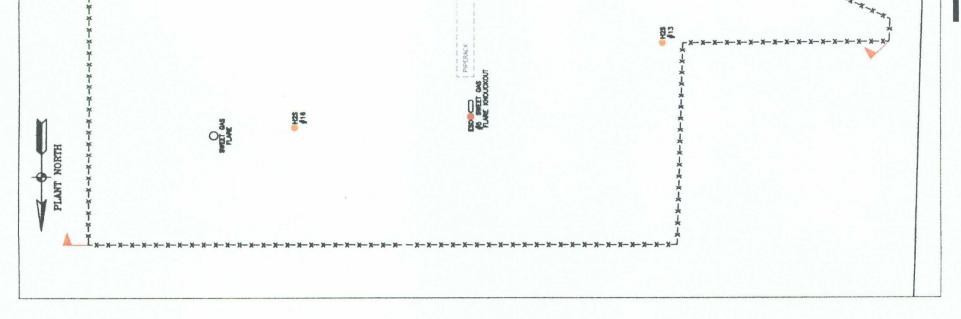
Agave H₂S Contingency Plan

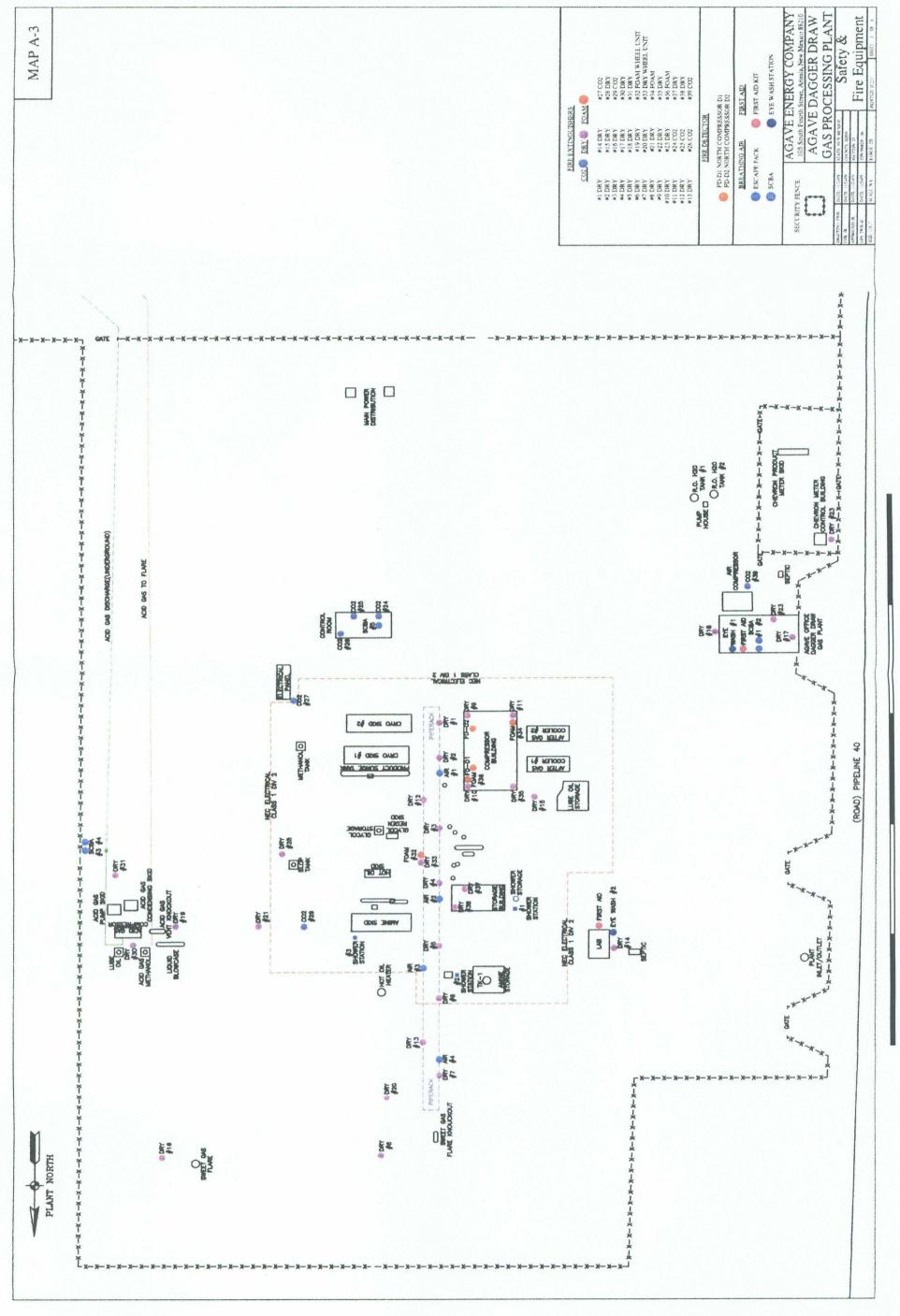
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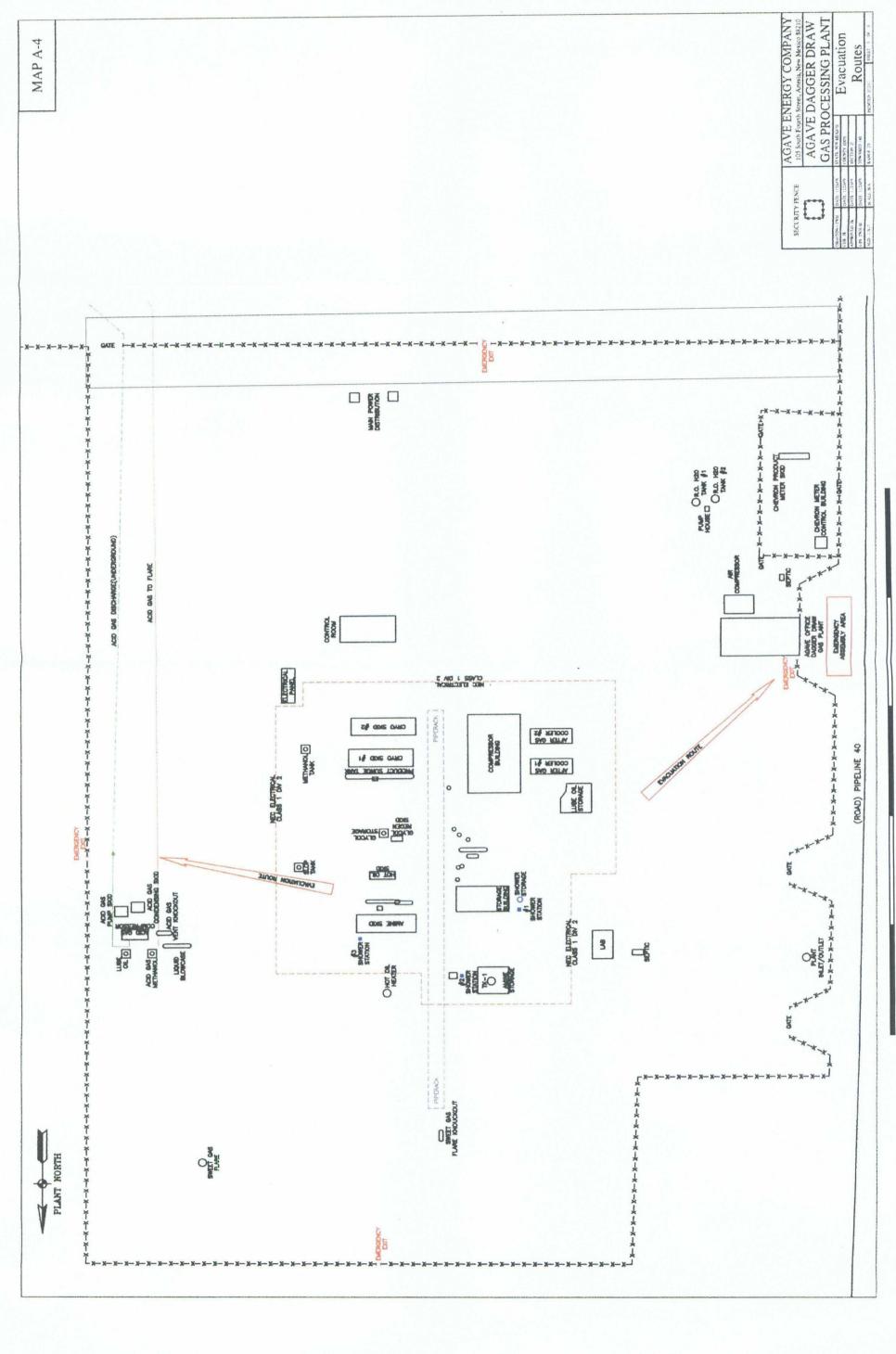
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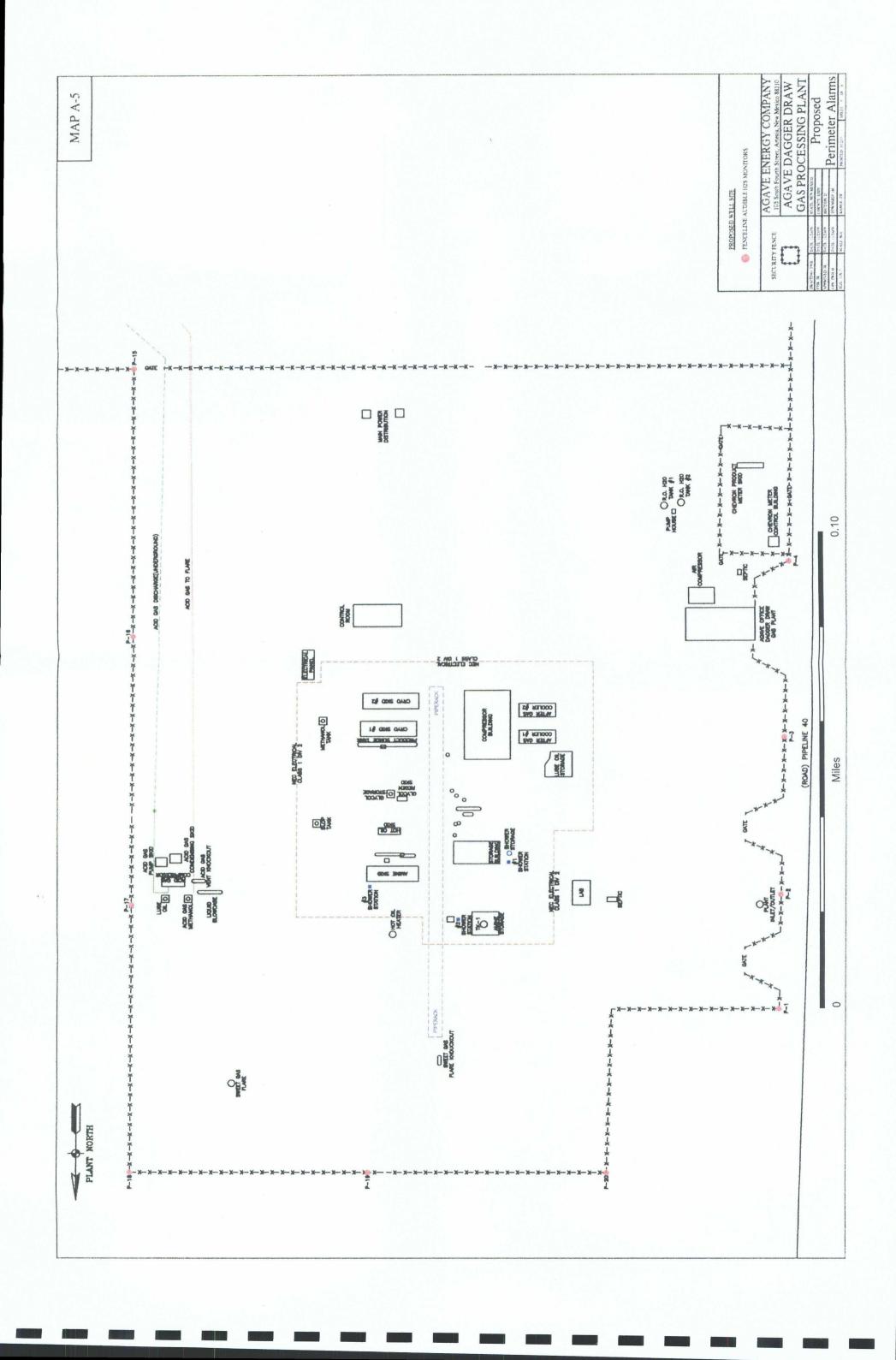
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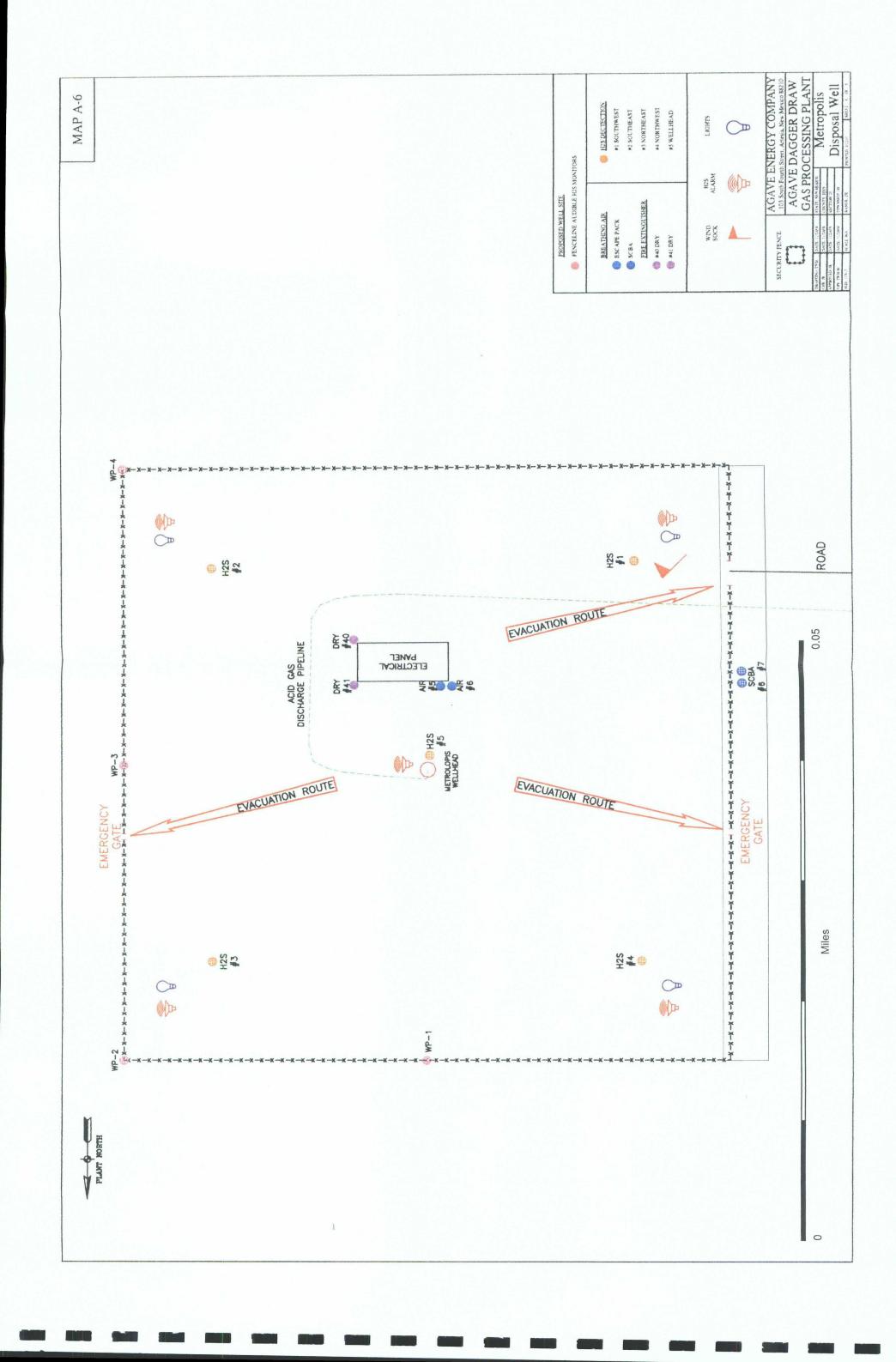


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APPENDIX B – Response Flow Diagrams

Agave H₂S Contingency Plan

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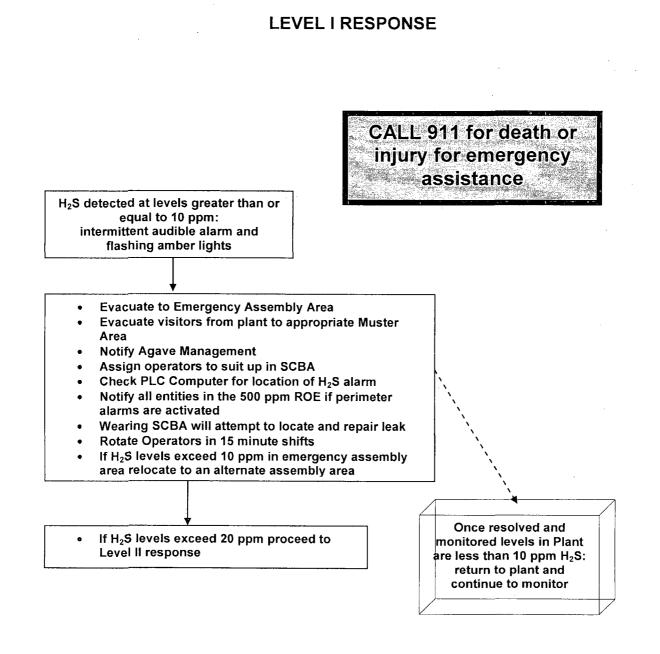
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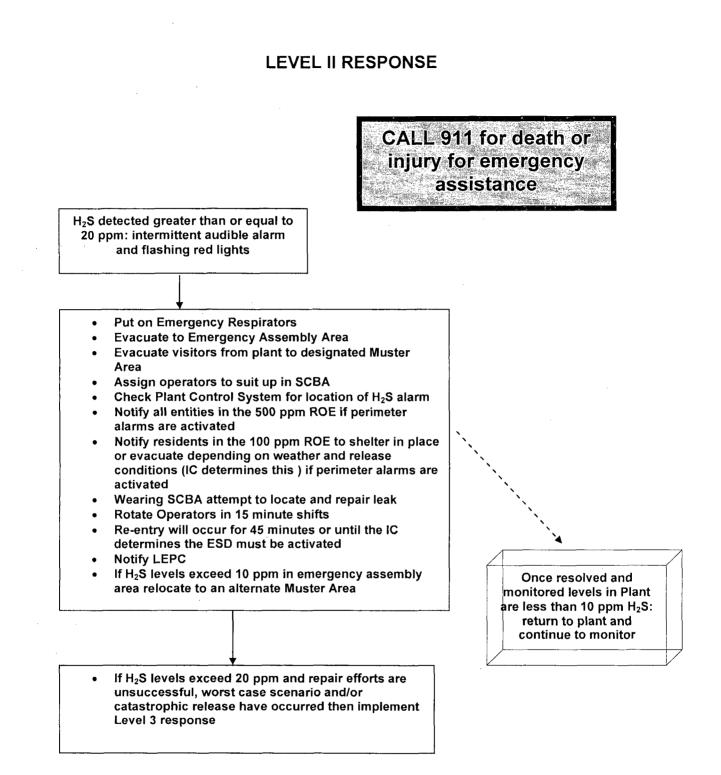
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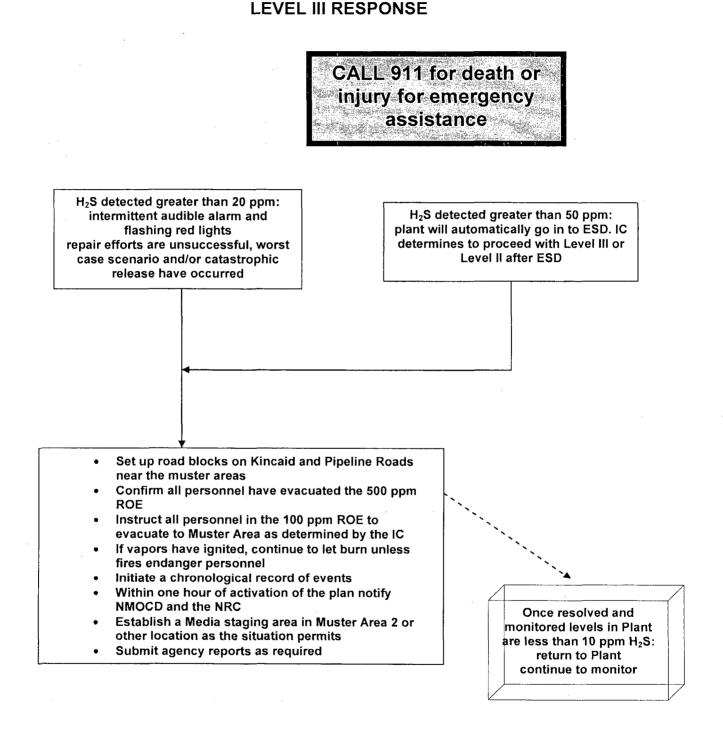
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APPENDIX C - Radius of Exposure Calculations

Map C-1 Radius of Exposure

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Agave H2S Contingency Plan

December 14, 2010

APPENDIX C-RADIUS OF EXPOSURE CALCULATIONS

The basis for worst case scenario calculations is as follows:

- •The hydrogen sulfide content of the inlet natural gas stream into the Agave Dagger Draw Gas Plant is variable, ranging upwards to 7,600 parts per million (ppm) or 0.76 mole percent. In reality, the actual H₂S concentration that the plant processes will be much less than this.
- The inlet gas H_2S concentration of 0.76 mole percent was determined using a massbalance approach, an analysis of 60.8 mole percent H_2S in the acid gas stream and a maximum acid gas flow rate of 0.5 MMSCFD. It is assumed that the amine system removes 100% of the H_2S from the inlet gas.

The plant has a maximum daily (24 hour) processing volume of 40 MMSCF.

• The worst case scenario radius of exposure (ROE) also assumes an uncontrolled instantaneous release from the area around either the Metropolis #1 Well, the amine still at the facility and at any point along the pipeline connecting the two of the above referenced volume and concentration. Because the Plant is a throughput process plant, it is impossible that the entire 24 hour-throughput volume of the Plant could be released instantaneously as is assumed in the worst case scenario calculations of the ROE. However, to comply with NMAC 19.15.11, that assumption is the worst case scenario in the formulas/calculations provided here.

It should further be noted that the reason this rate, used as worst case, could not be released over a 24 hour period is the Plant's emergency shutdown (ESD) systems would be activated. The emergency shutdown (ESD) would prevent the flow of gas into the Plant in the event of an emergency. See Appendix C and Map C-1 for more information.

The formulas for calculating the two radius of exposure (ROE) are as follows:

100 ppm Radius of Exposure Calculation (as per 19 NMAC 15.11.7.K.1):

X=[(1.589)(hydrogen sulfide concentration)(Q)]

500 ppm Radius of Exposure Calculation (as per 19 NMAC 15.11.7.K.2):

X=[(0.4546)(hydrogen sulfide concentration)(Q)]

Where:

X = radius of exposure in feet

"hydrogen sulfide concentration" = the decimal equivalent of the mole or volume fraction of hydrogen sulfide in the gaseous mixture

Q = Escape rate expressed in cubic feet per day (corrected for standard conditions of 14.73 psi absolute and 60 degrees Fahrenheit)

ROE Inside the Plant

The escape rate (Q) is the maximum daily rate of the gaseous mixture produced or handled or the best estimate thereof. For releases inside the Agave Dagger Draw Gas Plant, the Company is using for contingency planning purposes an "escape rate" equal to the maximum inlet gas volume of 40,000 MCFD. The (actual) inlet gas volume at the Plant will be somewhat variable and is continuously metered. The Plant records daily inlet gas volumes and prepares a daily volume report. The assumed 40,000 MCFD inlet gas volume has been selected as the "escape rate" because it is the highest anticipated inlet volume that the Plant would handle under its proposed operations and is considered worst case interpretation of the volume of gas.

It should be noted that the plan will remain effective as long as the processed volume and H_2S content equate to the same or smaller ROE.

Previous monitoring data indicated variable inlet concentrations of hydrogen sulfide, but concentration will not exceed 7,600 ppm or .76 mole percent. Therefore, 7,600 ppm or .76 mole percent has been used in the worst case scenario operations for contingency planning purposes.

Using: Q = 40,000,000 H₂S conc = 7,600 ppm or .76 mole%

500-ppm RADIUS OF EXPOSURE CALCULATION

 $X = [(0.4546)^{*}(H_2S \text{ concentration})^{*}(\text{gas volume } (Q))]^{(0.6258)}$ $X = [(0.4546)^{*}(7,600^{*}.000001)^{*}(40,000,000)]^{(0.6258)}$

X = 1648 feet = 500-ppm ROE

100-ppm RADIUS OF EXPOSURE CALCULATION

 $X = [(1.589)^*(H_2S \text{ concentration})^*(gas \text{ volume})]^T$

 $X = [(1.589)^{*}(7,600^{*}.000001)^{*}(40,000,000)]^{*}$

X = 3606 feet = 100-ppm ROE

ROE Along the Pipeline and At the Injection Well

The escape rate (Q) is the best estimate of the maximum daily flow rate of the acid gas. For releases inside the Agave Dagger Draw Gas Plant, the Company is using for contingency planning purposes an "escape rate" equal to the 500 MCFD. The assumed 500 MCFD acid gas volume has been selected as the "escape rate" because it is the highest anticipated gas volume that the Plant would handle under its proposed operations and is considered the worst case interpretation of the volume of gas.

It should be noted that the plan will remain effective as long as the processed volume and H_2S content equate to the same or smaller ROE.

Previous monitoring data indicated variable inlet concentrations of hydrogen sulfide, but concentration will not exceed 608,000 ppm or 60.8 mole% at the inlet. Therefore, 608,000 ppm or 60.8 mole percent has been used in the worst case scenario operations for contingency planning purposes. Again, Agave does not measure the H_2S concentration in the acid gas stream; rather the concentration is calculated based on the inlet conditions.

Using: Q = 500,000

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 H_2S conc = 608,000 ppm or 60.8 mole%

500-ppm RADIUS OF EXPOSURE CALCULATION

 $X = [(0.4546)^{*}(H_{2}S \text{ concentration})^{*}(\text{gas volume } (Q))]$ $X = [(0.4546)^{*}(608,000^{*}.000001)^{*}(500,000)]$

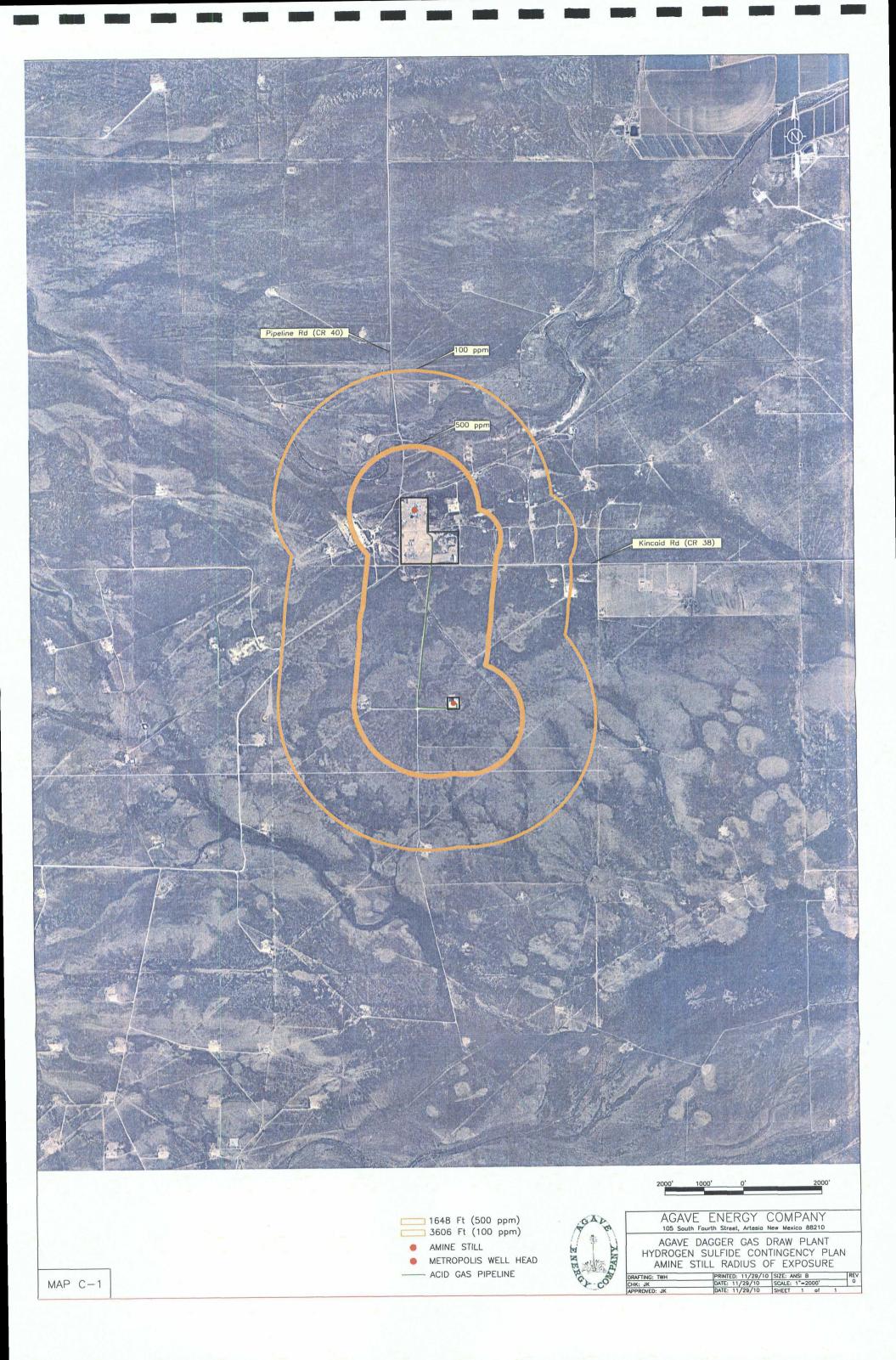
X = 1648 feet = 500-ppm ROE

100-ppm RADIUS OF EXPOSURE CALCULATION

 $X = [(1.589)^*(H_2S \text{ concentration})^*(gas \text{ volume})]$

 $X = [(1.589)^{*}(608,000^{*}.000001)^{*}(500,000)]$

X = 3606 feet = 100-ppm ROE



APPENDIX D – Muster Areas, Evacuation Routes

Map D-1: Evacuation Routes to Muster Areas

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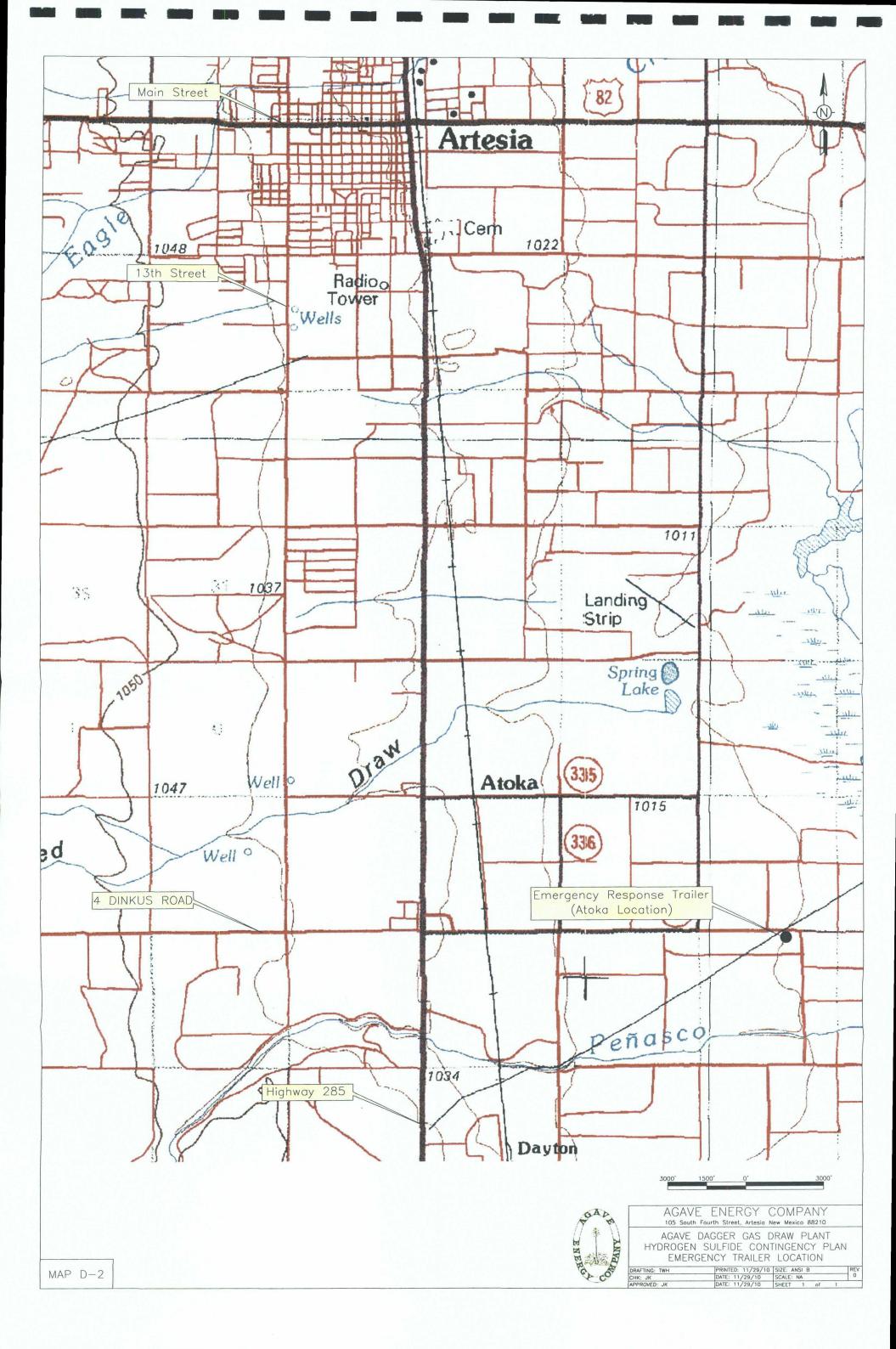
Map D-2: Atoka Facility– Safety Trailer Location

Agave H₂S Contingency Plan

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APPENDIX E – H₂S Contingency Plan Distribution List

Agave H₂S Contingency Plan

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OPERATORS WITHIN ONE MILE RADIUS OF AGAVE METROPOLIS DISPOSAL #1 WELL

 Agave Energy Co 105 South Fourth Street Artesia, NM 88210

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No.

 Yates Petroleum Corporation 105 South Fourth Street Artesia, NM 88210

SURFACE OWNERS WITHIN ONE MILE RADIUS OF AGAVE METROPOLIS DISPOSAL #1 WELL

Section 36, Township 18 South, Range 25 East

State of New Mexico State Land Office 310 Old Santa Fe Trail P. O. Box 1148 Santa Fe, NM 87504

Section 35, Township 18 South, Range 25 East

Thomas & Wanda Wilson David & Diana Wilson 235 N. Lake Rd. Artesia, NM 88210

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Section 26, Township 18 South, Range 25 East

Agave Energy Company P. O. Box 92108 Austin, TX 78709

Yates Petroleum Corporation 207 S. 4th Street Artesia, NM 88210

Section 25, Township 18 South, Range 25 East

Sharbro Oil Company, LTD P. O. Box 840 Artesia, NM 88211

Woodward Trust Jeri & Dale Woodward 4748 Elder Avenue Seal Beach, CA 90740

Yates Petroleum Corporation 105 S. 4th Street Artesia, NM 88210 All

All

Small square in SE/4 on map .57 acre tract in SE/4

SE/4 Less & Except a .57 acre tract

E/2 SE/4

W/2 SE/4

2.17 acre tract in SW/4 Tract 104-25.7 on map

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TABLE D-2 SURFACE OWNERS

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| Agave Energy Company P. O. Box 92108 Austin, TX 78709 | 25.38 acre tract in SW /4 Tract 104-25.8 on map |
|---|--|
| Yates Petroleum Corporation 207 S. 4 th Street Artesia, NM 88210 | SW/4 less & except 2 above tracts |
| Section 30, Township 18 South, Range 26 East | |
| Yates Petroleum Corporation 207 S. 4 th Street Artesia, NM 88210 | SW/4 |
| Section 31, Township 18 South, Range 26 East | |
| Efren & Maria Baeza 314 N. 14 th Artesia, NM 88210 | N/2 N/2 |
| Thomas & Wanda Wilson David & Diana Wilson 235 N. Lake Rd. Artesia, NM 88210 | S/2 NW/4; E/2 SW/4 |
| Blanche Widaman Wells Fargo Bank Industry Consulting Group Inc. P. O. Box 810490 Dallas, TX 75381 | NW/4 SW/4 |
| H. D. Larsen % Greta Edington 1715 – 20 th Street Gering, NE 69341 | N/2 SW/4 SW/4 |
| Ronald Metcalf P. O. Box 37 South Valley Road Palmer Lake, CO 80133 | S/2 SW/4 SW/4 |

TABLE D-2SURFACE OWNERS

Section 6, Towhnship19 South, Range 26 East

Jim & Sandra Hazelwood P. O. Box 507 Troy, MT 59935

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Pitch Energy Corporation & Yates Petroleum Corporation P. O. Box 304 Artesia, NM 88211

Dwight M. Lee % Cindy McDermid 11177 Captains Cove Drive Soddy-Daisy, TN 37379

Section 1, Township 19 South, Range 25 East

Thomas & Wanda Wilson David & Diana Wilson 235 N. Lake Rd. Artesia, NM 88210

Glenn R. Fuller 18495 Starduster Drive Nevada City, CA 95959

Section 1, Township 19 South, Range 25 East (continued)

B. E. Spencer Trust Lot 2 First National Bank P. O. Drawer AA Artesia, NM 88211

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Section 2, Township 19 South, Range 25 East

Thomas & Wanda Wilson David & Diana Wilson 235 N. Lake Rd. Artesia, NM 88210

Page 3

10 acre tract in Lot 3

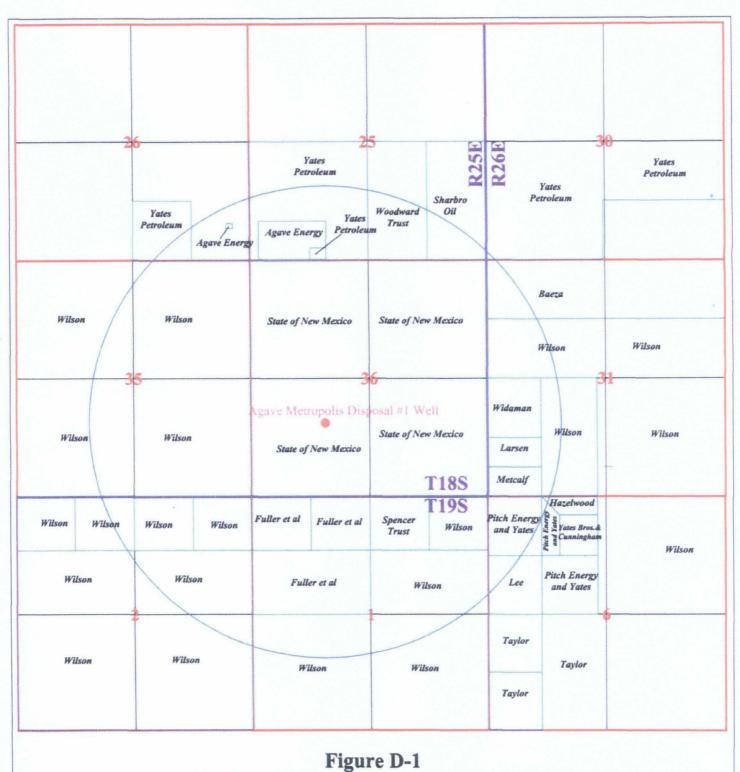
10 acre tract in Lot 3 & All Lot 4

S/2; S/2 NE/4; NE/4 NE/4

Lot 5

NW/4

All



Approximate Locations of Surface Owners Within One Mile of Agave Metropolis Disposal #1 Well

One Mile Circle Around Agave Metropolis Disposal #1 Well

LEASE HOLDERS WITHIN ONE MILE RADIUS OF AGAVE METROPOLIS DISPOSAL #1 WELL

1. Yates Petroleum Corporation 105 S. 4th Street Artesia, NM 88210 (575) 748-1741

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Section 36-Township18S-Range 25E NE/4; SW/4 NW/4; SE/4 NW/4; NW/4 NW/4; NE/4 NW/4; NE/4 SE/4

Section 35-Township 18S-Range 25E S/2; N/2

Section 26-Township 18S-Range 25E SE/4

Section 25-Township18S-Range 25E SW/4; SE/4

Section 30-Township 18S-Range 26E SW/4

Section 31-Township 18S-Range 26E W/2

Section 6-Township 19S-Range 26E N/2

Section 2-Township 19S-Range 25E N/2

Section 1-Township19S-Range 25E S/2 NE/4; E/2 SE/4 Lease #VO-6141-0000 Lease # E1-0165-0001

(Yates, Abo, Myco and Marbob all hold leases)

Table D-3 Lease Holders

2. Chase Oil Corporation P. O. Box 1767 Artesia, NM 88210 (575) 746-9853

> Section 36-Township 18S-Range 25E; SW/4; NW/4 SE/4; SW/4 SE/4; SE/4 SE/4

Section 1-Township 19S-Range 25E NE/4 NE/4; W/2 SW/4; NW/4; W/2 SE/4; E/2 SW/4

3. Marbob Energy Corporation P. O. Box 227 Artesia, NM 88211

Section 1-Township 19S-Range 25E S/2 NE/4; E/2 SE/4

4. DMD LLC P.O. Box 300 Artesia, NM 88211 (575) 746-2953

> Section 1-Township 19S-Range 25E NE/4 NE/4; W/2 SW/4

5. Abo Petroleum Corporation 105 S. 4th Street Artesia, NM 88210

> Section 1-Township 19S-Range 25E S/2 NE/4; E/2 SE/4

6. Myco Industries, Inc. 105 S. 4th Street Artesia, NM 88210

Section 1-Township 19S-Range 25E S/2 NE/4; E/2 SE/4 Lease #VO-8443-0000

(DMD LLC also has a lease on this tract)

(Yates, Abo, Myco and Marbob all hold leases)

(Chase Oil also has a lease on this tract)

(Yates, Abo, Myco and Marbob all hold leases)

(Yates, Abo, Myco and Marbob all hold leases)

MINERAL OWNERS OF ONLY UNLEASED TRACT WITHIN ONE MILE RADIUS OF AGAVE METROPOLIS DISPOSAL #1 WELL

Section 1-Township 18S-Range 25E NW/4 NE/4

1. B. E. Spencer Trust First National Bank P. O. Drawer AA Artesia, NM 88211

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- Wyatt A. Hartman
 W. B. Hickey
 Rt. #1 Box 181-A
 Chattahoochee, FL 32324
- Roy Hartman % Letha J. Hartman, 11025 Larkwood Apt. # 1701 Houston, TX 77096
- Margaret J. Carter 2032 Medusa Way Sacramento, CA 95825
- William Harold Robinson % Margaret J. Carter 2032 Medusa Way Sacramento, CA 95825
- Frances M. Mohr % Margaret J. Carter 2032 Medusa Way Sacramento, CA 95825

- Spitler Family Trust
 % Homer Edward Spitler & Mildred Ilene Spitler
 30315 Santa Fe Street Hemet, CA 92343
- Martha Jane Ford 3520 Roselawn Glendale, CA 91208
- 9. Parrish Family Trust
 % James Paul Parrish & Carole D.
 Parrish
 1702 Paloma Avenue
 Glendale, CA 91208

RESIDENCES AND BUSINESS FACILITIES WITHIN ONE MILE RADIUS OF AGAVE METROPOLIS DISPOSAL #1 WELL

Section 31, Township 18 South, Range 26 East N/2 N/2; Residences

1. Efren & Maria Baeza, 179 West Kincaid Ranch Road, Artesia, NM (Physical Address)

2. Raul and Delilah Baeza, 193 West Kincaid Ranch Road, Artesia, NM (Physical Address)

3. Christine Baeza, 175 West Kincaid Ranch Road, Artesia, NM (Physical Address)

Mailing Address: 314 N 14th Street, Artesia, NM 88210

Section 25, Township 18 South, Range 25 East

 Yates Petroleum Corporation 105 S. 4th Street Artesia, NM 88210 2.17 acre tract in SW/4; (tract 104-25.7 on map) Office & Warehouse

5. Agave Energy Corporation P. O. Box 92108 Austin, TX 78709

Section 26, Township 18 South, Range 25 East

 Agave Energy Corporation P. O. Box 92108 Austin, TX 78709 .57 acre tract in SE/4 (tract 104-26.2 on map) Compressor Station

SE/4: Four Warehouse Buildings

25.38 acre tract in SW/4

(tract 104-25.8 on map)

Gas Processing Plant

 Yates Petroleum Corporation 207 S. 4th Street Artesia, NM 88210

Section 35, Township 18 South, Range 25 East

E/2; Home and Barns

 David Wilson
 80 West Kincaid Ranch Rd., Artesia, NM (Physical Address) Mailing Address: 235 N. Lake Rd., Artesia, NM 88210

OTHER AGENCIES REQUIRING NOTICE

 US Bureau of Land Management Carlsbad Field Office
 620 East Greene Street Carlsbad, NM 88220-6292

10. New Mexico State Land Office (included in notice to surface owners within one mile radius)

Artesia, 1 5. Agave Er P. O. Box Austin, T Section 26 7

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APPENDIX E – H_2S Contingency Plan Distribution List

New Mexico Oil Conservation Division 1301 West Grand Avenue Artesia, NM 88210-1729

New Mexico Department of Public Safety 4207 W 2nd Street

Roswell, NM 88201-8857

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Local Emergency Planning Committee

324 S Canyon Street, Suite B Carlsbad, NM 88210

Artesia Fire Department

309 North 7th Street Artesia, NM 88210-1913

Atoka Fire Department

2611 South 13th Street Artesia, NM 88210-9333

Eddy County Sheriff's Department

Eddy County Courthouse 102 N. Canal Carlsbad, NM 88220

Dagger Draw Plant

278 Pipeline Road Artesia, NM 88210

Agave Main Office

105 South 4th Street Artesia, NM 88210