BEFORE THE OIL CONSERVATION DIVISION EXAMINER HEARING DECEMBER 1, 2022

CASE NO. 23174

SALADO DRAW Closed Loop Gas Capture Injection Expansion

LEA COUNTY, NEW MEXICO



Released to Imaging: 11/30/2022 8:16:56 AM

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

APPLICATION OF CHEVRON U.S.A. INC. FOR AUTHORIZATON TO EXPAND AND MAKE PERMANENT ITS CLOSED LOOP GAS CAPTURE INJECTION AUTHORITY INITIALLY APPROVED AS A PILOT PROJECT UNDER ORDER NO. R-21336, LEA COUNTY, NEW MEXICO.

CASE NO. 23174

TABLE OF CONTENTS

- Chevron Exhibit 1 Application
- Chevron Exhibit 2 Lost Opportunity Due to Third Party Upsets
- Chevron Exhibit 3 Project Area Map and Surface Facilities
- Chevron Exhibit 4 Project Well C-102s
- Chevron Exhibit 5 Project Source Gas Well List
- Chevron Exhibit 6 Production Accounting Overview and Allocation Plan
- Chevron Exhibit 7 Regional Map and Generalized Stratigraphy
- Chevron Exhibit 8 Salado Draw Type Log
- Chevron Exhibit 9 Project Area Cross-Section Index Map and Cross-Section
- Chevron Exhibit 10 Top of Avalon Structure Map
- Chevron Exhibit 11 Avalon Thickness Map
- Chevron Exhibit 12 Geology and Engineering Affirmative Statement
- Chevron Exhibit 13 Stefan Lattimer Resume
- Chevron Exhibit 14 Closed Loop Gas Capture and Project Area Schematics
- Chevron Exhibit 15 Project Well Bore Diagrams
- Chevron Exhibit 16 Project Well MITs
- Chevron Exhibit 17 Project Operational Parameters Table
- Chevron Exhibit 18 Project Operational Plan Summary Overview
- Chevron Exhibit 19 Project Source Gas Analysis Summary and Laboratory Analyses and Corrosion Prevention Plan

- Chevron Exhibit 20 -Area of Review and Tabulation of Well DataChevron Exhibit 21 -Reservoir Engineering AnalysisChevron Exhibit 22 -Project Locator MapChevron Exhibit 23 -Notice Area Map and List of Affected Parties
 - Chevron Exhibit 24 Notice Affidavit, Notice Letter, and Postal Report
 - Chevron Exhibit 25 Affidavit of Publication

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

APPLICATION OF CHEVRON U.S.A. INC. FOR AUTHORIZATON TO EXPAND AND MAKE PERMANENT ITS CLOSED LOOP GAS CAPTURE INJECTION AUTHORITY INITIALLY APPROVED AS A PILOT PROJECT UNDER ORDER NO. R-21336, LEA COUNTY, NEW MEXICO.

CASE NO. 23174

APPLICATION

CHEVRON U.S.A. INC. ("Chevron" or "Applicant") (OGRID No. 4323) through its undersigned attorneys, hereby files this application with the Oil Conservation Division for an order authorizing Chevron to expand and make permanent its closed loop gas capture injection authority in the Avalon shale within the Bone Spring formation that was previously approved as a pilot project in Case No. 21020 under Order No. R-21336 (the "pilot project"). Having completed the pilot project, Chevron now seeks authorization to enlarge the closed loop gas capture injection project area and to conduct periodic injection for an indefinite period of time. In support of this application, Chevron states:

PROJECT OVERVIEW

 Under Order No. R-21336, the Division authorized Chevron to conduct a gas capture injection pilot project involving the intermittent injection of produced gas into the Avalon shale interval within the Bone Spring formation using the Salado Draw 19 26 33 Federal Com 002H well (API No. 30-025-42662) and the Salado Draw EA 19 Federal P6 005H well (API No. 30-025-42797). Order No. R-21336 is attached as Exhibit 1.

BEFORE THE OIL CONSERVATION DIVISION Santa Fe, New Mexico Exhibit No. 1 Submitted by: Chevron U.S.A. Inc. Hearing Date: December 1, 2022 Case No. 23174 2. As approved, the project area for the pilot project was comprised of 318.84 acres, more or less, within the W/2 W/2 and W/2 E/2 of Section 19, Township 26 South, Range 33 East, NMPM, Lea County, New Mexico.

3. Order No. R-21336 was valid for one year. By written authorization, the Division extended Order No. R-21336 for an additional year for good cause shown.

4. Chevron completed the pilot project and submitted to the Division a final report summarizing the pilot project.

5. Chevron now proposes to expand its closed loop gas capture injection to create a 1,280-acre, more or less, project area comprising all of Sections 18 and 19 within Township 26 South, Range 33 East, and to make its authorization to conduct injection within the project area permanent. A map depicting the proposed project area is attached. *See Exhibit 2* "Salado Draw Gas Re-Injection Geology and Facilities" at 11.

6. Chevron seeks authority for this project to avoid the shut-in of producing wells or the temporary flaring of gas during pipeline capacity constraints, mechanical difficulties, plant shutdowns, or other periodic events that impact the ability to deliver gas into a pipeline.

7. Chevron seeks authority to use the following producing horizontal wells within the proposed project area to occasionally inject produced gas into the Avalon shale interval within the Bone Spring formation [WC-025 G-06 S263319P; Bone Spring (Pool Code 97955)]:

- The Salado Draw 19 26 33 Federal Com 002H well (API No. 30-025-42662) with surface location 200' FNL & 948' FWL, (Unit D), Section 19, T26S, R33E;
- The Salado Draw 19 Fed P6 005H well (API No. 30-025-42797) with surface location 227' FNL & 1747' FEL, B-19, T26S, R33E;

- The Porter Brown 001H well (API No. 30-025-40802), with a surface location 340' FSL & 340' FEL, (Unit P) Section 19, T26S, R33E;
- The Salado Draw 18-26-33 FED 001H well (API No. 30-025-42659), with a surface location 200' FNL & 873' FWL, (Unit D) Section 19, T26S, R33E;
- The Salado Draw 18-26-33 FED 003H well (API No. 30-025-42278), with a surface location 200' FNL & 1943' FWL, (Unit C) Section 19, T26S, R33E;
- The Salado Draw 18-26-33 FED 004H well (API No. 30-025-42279), with a surface location 200' FNL & 1993' FWL, (Unit C) Section 19, T26S, R33E;
- The Salado Draw EA 18 FED P6 005H well (API No. 30-025-42795), with a surface location 266' FNL & 1778' FEL, (Unit B) Section 19, T26S, R33E;
- The Salado Draw EA 18 FED P6 006H well (API No. 30-025-42796), with a surface location 247' FNL & 1763' FEL, (Unit B) Section 19, T26S, R33E;
- The Salado Draw 19-26-33 FED 001H well (API No. 30-025-42661), with a surface location 200' FNL & 898' FWL, (Unit D) Section 19, T26S, R33E;
- The Salado Draw 19-26-33 FED 003H well (API No. 30-025-42280), with a surface location 200' FNL & 1968' FWL, (Unit C) Section 19, T26S, R33E;
- The Salado Draw 19-26-33 FED 004H well (API No. 30-025-42281), with a surface location 200' FNL & 2018' FWL, (Unit C) Section 19, T26S, R33E;
- The Salado Draw EA 19 FED P6 006H well (API No. 30-025-42798), with a surface location 207' FNL & 1732' FEL, (Unit B) Section 19, T26S, R33E; and
- The Salado Draw EA 19 FED P6 007H well (API No. 30-025-42799), with a surface location 188' FNL & 1716' FEL, (Unit B) Section19, T26S, R33E.

8. Injection along the horizontal portion of the proposed wellbores will be at the following approximate total vertical depths:

- The Salado Draw 19-26-33 FED 002H well: between approximately 9,131 feet and 9,144 feet.
- The Salado Draw EA 19 FED P6 005H well: between approximately 9,165 feet and 9,189 feet.
- The Porter Brown 001H well: between approximately 9,173 feet and 9,188 feet.
- The Salado Draw 18-26-33 FED 001H well: between approximately 9,112 feet and 9,125 feet.
- The Salado Draw 18-26-33 FED 003H well: between approximately 9,173 feet and 9,201 feet.
- The Salado Draw 18-26-33 FED 004H well: between approximately 9,166 feet and 9,221 feet.
- The Salado Draw EA 18 FED P6 005H well: between approximately 9,155 feet and 9,258 feet.
- The Salado Draw EA 18 FED P6 006H well: between approximately 9,154 feet and 9,168 feet.
- The Salado Draw 19-26-33 FED 001H well: between approximately 9,090 feet and 9,116 feet.
- The Salado Draw 19-26-33 FED 002H well: between approximately 9,131 feet and 9,144 feet.
- The Salado Draw 19-26-33 FED 003H well: between approximately 9,188 feet and 9,229 feet.

- The Salado Draw 19-26-33 FED 004H well: between approximately 9,144 feet and 9,190 feet.
- The Salado Draw EA 19 FED P6 005H well: between approximately 9,165 feet and 9,189 feet.
- The Salado Draw EA 19 FED P6 006H well: between approximately 9,135 feet and 9,188 feet.
- The Salado Draw EA 19 FED P6 007H well: between approximately 9,190 feet and 9,217 feet.

9. A map depicting the pipeline that ties the proposed injection wells into the gathering system and the affected compressor station, along with a facility schematic and a process overview diagram, are included in the attached <u>Exhibit 2</u> "Salado Draw Gas Re-Injection Geology and Facilities" at 11-13.

WELL DATA

10. Information on the well data, including well diagrams and well construction, casing, tubing, packers, cement, perforations, and other details for each proposed injection well are included in the attached <u>Exhibit 3</u> "Tabulation of Data" and Exhibit 4 "Well Data and Well Diagrams."

The top of the Avalon shale in this area is at approximately 9,080 feet total vertical depth and extends down to the top of the First Bone Spring, which is at approximately 9,925 feet total vertical depth. *See <u>Exhibit 2</u>* "Salado Draw Gas Re-Injection Geology and Facilities" at 2 & 4.

12. The current average surface pressures under normal operations for the proposed injection wells range from approximately 700 pounds per square inch (psi) to 995 psi. *See* **Exhibit**

<u>5</u> "Salado Draw Gas Re-Injection Expansion MASP Table." The maximum achievable surface pressure (MASP) for the wells in the project will be 1,250 psi.

13. Chevron plans to monitor injection and operational parameters using an automated supervisory control and data acquisition (SCADA) system with pre-set alarms and automatic shutin safety valves that will prevent injection pressures from exceeding the MASP. *See <u>Exhibit 6</u>* "Operational Plan."

14. The proposed MASP will not exert pressure at the top perforation in the wellbore of any injection well with a full fluid column of reservoir brine water in excess of 90% of the burst pressure for the production casing or production liner. *See* **Exhibit 5** "Salado Draw Gas Re-Injection Expansion MASP Table." In addition, the proposed MASP will not exceed 0.14 psi per foot as measured at the top of the uppermost perforation in any injection well and will not exert pressure at the topmost perforation in excess of 90% of the formation parting pressure. *See id.*

15. Cement bond logs¹ for the proposed injection wells demonstrate the placement of cement and that there is a good and sufficient cement bond with the production casing and the tiein of the production casing with the next prior casing in each well. For certain wells, cement bond logs are not available; however, the wellbore diagrams provide a calculated top of cement for these wells demonstrating adequate and sufficient cement coverage.

16. The wells proposed for injection have previously demonstrated mechanical integrity. *See* **Exhibit 7** "Salado Draw Gas Re-Injection MITs" and **Exhibit 8** "MIT Summary." Chevron will undertake new tests to demonstrate mechanical integrity for each of the wells proposed as a condition of approval prior to commencing first injection operations.

¹ Electronic version of the cement bond logs will be submitted to the Division by email.

GEOLOGY AND RESERVOIR

17. Data and a geologic analysis confirming that the Avalon shale interval is suitable for the proposed expanded project is included in <u>Exhibit 2</u> "Salado Draw Gas Re-Injection Geology and Facilities" at 2-6. A general characterization of the geology of the Avalon shale interval and its suitability for the proposed injection, including identification of confining layers and their ability to prevent vertical movement of the injected gas is included exhibit. *Id*.

18. Zones that are productive of oil and gas are located in the overlying Brushy Canyon formation and the underlying Upper Avalon 2, Lower Avalon, and First Bone Spring formation. *See Exhibit 2* "Salado Draw Gas Re-Injection Geology and Facilities" at 2.

19. Geologic characteristics of the Avalon shale, data collected during the pilot project, together with modeling presented in support of Order No. R-21336 indicate anticipated horizontal movement of injected gas will be contained in the Avalon shale within the proposed expanded project area.

20. Previous modeling and Chevron's operation of the pilot project demonstrate that anticipated gas injection volumes will be well below the estimated capacity of the target interval within the proposed expanded project area.

21. Empirical geologic data and previous modeling, in addition to results from the pilot project, support the conclusion that there will be no adverse impacts to anticipated oil recovery from each of the proposed injection wells or to any of the offsetting producing wells.

22. The proposed average injection rate for each well is 1.5 MMscfd with a maximum injection rate of 2.0 MMscfd during injection.

23. Chevron has reviewed the potential effects on the reservoir caused by the proposed injection resulting from commingling of fluids. Chevron's analysis concludes that there will be no adverse effect on the reservoir as a result of the injection.

24. The source of gas for injection will be from Chevron's Salado Draw wells producing in the Avalon and Wolfcamp formations. *See* **Exhibit 9** "Salado Draw List of Wells." Each of Chevron's proposed injection wells are operated by Chevron and Chevron holds 100% of the working interest in the wells.

25. Chevron has prepared an analysis of the composition of the source gas for injection and a corrosion prevention plan. *See* **Exhibit 10** "Gas Analysis Summary" and **Exhibit 11** "Gas Sample Data Sheets."

26. Chevron has examined the available geologic and engineering data and found no evidence of open faults or other hydrologic connections between the injection zone and any underground source of drinking water. Chevron has also examined the available geologic and engineering data and determined that the total recoverable volume of hydrocarbons from the reservoir will not be adversely affected by the proposed injection.

AREA OF REVIEW

27. Chevron has prepared maps depicting the location of the proposed injection well, the location and lateral of every well within a two-mile radius, leases within two miles, and the half mile area of review. *See <u>Exhibit 2</u>* "Salado Draw Gas Re-Injection Geology and Facilities" at 8-9.

28. A tabulation of data for wells that penetrate the proposed injection intervals or the confining layer within the area of review is included in **Exhibit 3** "Tabulation of well data." After review, Chevron has not identified any wells that are plugged and abandoned or that are

temporarily abandoned that penetrate the confining layer or the injection interval within the area of review.

OPERATIONS AND SAFETY

29. Chevron will monitor each injection well's instantaneous rates and daily injection volumes, along with pressure in the well tubing, casing, and bradenheads using SCADA. *See* **Exhibit 6** "Operational Plan." Each injection well will also include automated safety devices, including automatic shut-in valves among other operational safety measures. *Id.* Chevron will also monitor and track various operational parameters at the central tank battery and central gas lift compressors. *Id.*

30. A copy of this application will be provided by certified mail to the surface owner on which each injection well identified herein is located, and to each leasehold operator and other affected persons within any tract wholly or partially contained within one-half mile of the completed interval of the wellbore for each of the proposed injection wells.

31. Approval of this application is in the best interests of conservation, the prevention of waste, and the protection of correlative rights.

WHEREFORE, Chevron U.S.A. Inc. requests that this Application be set for hearing before an Examiner of the Oil Conservation Division on November 3, 2022, and that after notice and hearing this Application be approved.

Respectfully submitted,

HOLLAND & HART LLP

By:

Michael H. Feldewert Adam G. Rankin Julia Broggi Paula M. Vance Post Office Box 2208 Santa Fe, NM 87504 505-998-4421 505-983-6043 Facsimile mfeldewert@hollandhart.com agrankin@hollandhart.com jbroggi@hollandhart.com

ATTORNEYS FOR CHEVRON U.S.A. INC.

Application of Chevron U.S.A. Inc. for Authorization to Expand and Make Permanent its Closed Loop Gas Capture Injection Authority Initially Approved as a Pilot Project Under Order No. R-21336, Lea County, New Mexico. Applicant in the above-styled cause seeks an order authorizing it to expand and make permanent its Salado Draw closed loop gas capture injection in the Avalon shale interval within the Bone Spring formation that was previously approved as a pilot project in Case No. 21020 under Order No. R-21336 (the "pilot project"). Having completed the pilot project, Chevron now seeks authorization to enlarge the closed loop gas capture injection project area and for authorization to conduct periodic injection for an indefinite period of time. Applicant proposes to expand the closed loop gas capture injection project to create a 1,280-acre, more or less, project area comprising all of Sections 18 and 19 within Township 26 South, Range 33 East, NMPM, Lea County, New Mexico. Chevron seeks authority to use the following producing wells within the proposed expanded project area to occasionally inject produced gas into:

- The Salado Draw 19 26 33 Federal Com 002H well (API No. 30-025-42662) with surface location 200' FNL & 948' FWL, (Unit D), Section 19, T26S, R33E;
- The Salado Draw 19 Fed P6 005H well (API No. 30-025-42797) with surface location 227' FNL & 1747' FEL, B-19, T26S, R33E;
- The Porter Brown 001H well (API No. 30-025-40802), with a surface location 340' FSL & 340' FEL, (Unit P) Section 19, T26S, R33E;
- The Salado Draw 18-26-33 FED 001H well (API No. 30-025-42659), with a surface location 200' FNL & 873' FWL, (Unit D) Section 19, T26S, R33E;
- The Salado Draw 18-26-33 FED 003H well (API No. 30-025-42278), with a surface location 200' FNL & 1943' FWL, (Unit C) Section 19, T26S, R33E;
- The Salado Draw 18-26-33 FED 004H well (API No. 30-025-42279), with a surface location 200' FNL & 1993' FWL, (Unit C) Section 19, T26S, R33E;
- The Salado Draw EA 18 FED P6 005H well (API No. 30-025-42795), with a surface location 266' FNL & 1778' FEL, (Unit B) Section 19, T26S, R33E;
- The Salado Draw EA 18 FED P6 006H well (API No. 30-025-42796), with a surface location 247' FNL & 1763' FEL, (Unit B) Section 19, T26S, R33E;
- The Salado Draw 19-26-33 FED 001H well (API No. 30-025-42661), with a surface location 200' FNL & 898' FWL, (Unit D) Section 19, T26S, R33E;
- The Salado Draw 19-26-33 FED 003H well (API No. 30-025-42280), with a surface location 200' FNL & 1968' FWL, (Unit C) Section 19, T26S, R33E;

- The Salado Draw 19-26-33 FED 004H well (API No. 30-025-42281), with a surface location 200' FNL & 2018' FWL, (Unit C) Section 19, T26S, R33E;
- The Salado Draw EA 19 FED P6 006H well (API No. 30-025-42798), with a surface location 207' FNL & 1732' FEL, (Unit B) Section 19, T26S, R33E; and
- The Salado Draw EA 19 FED P6 007H well (API No. 30-025-42799), with a surface location 188' FNL & 1716' FEL, (Unit B) Section19, T26S, R33E.

Chevron seeks authority to use these producing wells to occasionally inject produced gas into the Avalon shale interval within the Bone Spring formation [WC-025 G-06 S263319P; Bone Spring (Pool Code 97955)] at total vertical depths of between approximately 9,090 feet to 9,258 feet along the horizontal portion of each wellbore at surface injection pressures of no more than 1,250 psi. The proposed average injection rate for each well is 1.5 MMscfd with a maximum injection rate of 2.0 MMscfd during injection. The source of the produced gas will be the Bone Spring and Wolfcamp formations. The subject acreage is located approximately 25 miles southwest of Jal, New Mexico.

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

APPLICATION OF CHEVRON USA INC. FOR A GAS CAPTURE PILOT PROJECT INVOLVING THE OCCASIONAL INJECTION OF PRODUCED GAS INTO THE BONE SPRING FORMATION, LEA COUNTY, NEW MEXICO

CASE NO 21020 ORDER NO. R-21336

ORDER OF THE DIVISION

This case was heard by the Oil Conservation Division ("OCD") at 8:15 a.m. on February 6, 2020, in Santa Fe, New Mexico, and reopened on April 16, 2020 to collect additional testimony.

The OCD Director, having considered the testimony, the record, and the recommendations of Hearing Examiner Dylan Rose-Coss, issues this Order.

FINDINGS OF FACT

- (1) Due notice has been given, and the OCD has jurisdiction of the subject matter of this case.
- (2) Chevron USA, Inc. ("Chevron"(OGRID 4323) seeks approval of a gas capture pilot project ("Project") to intermittently inject produced gas into the Bone Spring formation (WC-025 G-06 S263319P; BONE SPRING pool, Pool Code 97955) within the following 318.84 acres, more or less, located in Lea County, New Mexico:

Township 26 South, Range 33 East, NMPM Section 19: W/2 W/2 and W/2 E/2

- (3) The Project involves the injection of produced gas into existing producing wells for temporary storage during pipeline service interruptions at the third-party gas processing facility contracted to take the gas from Chevron's gathering system.
- (4) The Project will inject the produced gas into two existing wells that are producing from the Bone Spring formation: Salado Draw 19 26 33 Federal Com 2H (API No. 30-025-42662) and the SD EA 19 Federal P6 #005H (API: 30-025-42797) ("Wells"). Salado Draw 19 26 33 Federal Com 2H is a horizontal well with a surface location 200 feet from the north line and

Case No. 21020 Order No. R-21336 Page 2 of 7

948 feet from the west line and a bottom-hole location 280 feet from the south line and 964 feet from the west line of Section 19, Township 26 South, Range 33 East, NMPM, Lea County, New Mexico. SD EA 19 Federal P6 #005H is a horizontal well with a surface location 227 feet from the north line and 1,747 feet from the east line and a bottom hole location 404 feet from the south line and 2,249 feet from the east line of Section 19, Township 26 South, Range 33 East, NMPM, Lea County, New Mexico.

- (5) Chevron will intermittently inject the produced gas through the Wells into the upper Bone Spring formation along the perforated portion of the wellbores at a surface injection pressure not to exceed 1,250 pounds per square inch ("psi").
- (6) Chevron testified that:
 - (a) The goal of the Project is to safely divert gas produced during gathering system interruptions into active wells for temporary storage.
 - (b) The Project will prevent waste by temporarily storing produced gas that normally would be flared. In doing so, the Project also seeks to protect correlative rights, the public health, and the environment.
 - Chevron's target injection interval is the Upper Bone Spring (c)formation. The Bone Spring formation is sometimes referred to as the Avalon or Leonard Shale, and is encountered at a total vertical depth ("TVD") of between approximately 9,122 to 9,196 in the Wells. Wireline log and core analyses indicate that the reservoir consists of faintly laminated, siliceous, silty mudstones interbedded and interlaminated with argillaceous siltstones and bedded carbonate (limestone). permeability thinly Air measurements indicate reservoir matrix permeabilities of between approximately 0.4 and 5 microdarcys with a reservoir thickness of approximately 250 feet. The bottom hole pressures range between approximately 550 and 650 psi following a twelve (12) hour buildup in the Wells. The cross section and formation isopach demonstrated that the formation is a siliceous mudstone with low permeability that will prohibit migration of the produced gas away from the wellbore and facilitate greater recovery of the produced gas. Additionally, the injection interval is bounded above and below by impermeable limestone formations that will prohibit the produced gas from migrating out of the Upper Bone Spring Shale.

Case No. 21020 Order No. R-21336 Page 3 of 7

- (d) Reservoir modeling demonstrated that the produced gas will not migrate from the formation, affect underground sources of drinking water ("USDWs"), or interfere with other wells, and will ultimately have a neutral effect on recovery.
- (e) Chevron will inject the produced gas with a maximum allowable surface pressure ("MASP") of 1,250 psi, which will not exceed 0.14 psi/ft.
- (f) Chevron presented well diagrams depicting the casing, cementing, and perforation details of the Wells.
- (g) The Wells are constructed with 5½-inch, 20-pound, P-110 production casing and have a casing burst pressure rating of 12,630 psi. The given burst pressure rating is greater than one hundred twenty (120) percent of the MASP plus the hydrostatic pressure from a full column of reservoir fluid.
- (h) The MASP will not exceed ninety (90) percent of the horizon's assumed propagation pressure minus the expected bottom hole hydrostatic pressure generated by a fluid column consisting of the reservoir fluid.
- (i) Chevron performed a mechanical integrity test ("MIT") on January 31, 2020, which confirmed the Wells' casing is capable of a load exceeding one hundred ten (110) percent of the MASP.
- (j) Chevron will install equipment on the Wells to prevent the surface pressure from exceeding the MASP.
- (k) Chevron submitted a cement bond log ("CBL") and drilling reports for SD EA 19 Federal P6 #005H, along with drilling reports for the Salado Draw 19 26 33 Federal Com 2H. Taken together, the information suggests there is adequate cement coverage throughout the entire vertical length of the wells to prevent injection into unauthorized formations and provide sufficient tie-back between casing intervals.
- (1) Chevron determined the one-half mile radius for the area of review ("AOR") for the Wells by taking the horizontal segment of each well as the center line and the endpoints based on the surface and bottom-hole locations.

Case No. 21020 Order No. R-21336 Page 4 of 7

- (m) Within the AOR, Chevron identified twenty (20) producing wells that penetrate the injection interval, all of which are properly cased and cemented to prevent vertical migration of the produced gas.
- (n) The source of the produced gas is the Bone Spring, Wolfcamp and Atoka formations.
- (o) The produced gas will be delivered to the Wells by a localized gas lift compressor station, and if necessary, an additional compressor station installed on site.
- (p) The analysis of the gas sample collected from the Wells indicates the produced gas contains appreciable volumes of CO₂, but damage to the casing will be mitigated by chemical additives and dehydration of the gas.
- (q) The produced gas will be injected through the open annular space between the tubing and the production casing into the tubing through the gas lift valves, and a packer will be installed in both wells to prevent non-dehydrated gas and other reservoir fluids from entering the annulus.
- (r) The Project will be conducted remotely through an existing Supervisory Control and Data Acquisition ("SCADA") system, including the collection of all relevant data for safe operations, such as production flow rate, injection gas flow rate, and surface pressure.
- (s) Chevron will utilize an existing plan to address any environmental or engineering emergency that may occur during the Project.
- (7) Chevron demonstrated that it gave proper notice to affected persons, including the surface landowner, and published notice in a newspaper with general circulation in the county where the Project will be located.
- (8) Mr. Thomas Singer appeared at the hearing on behalf of the Governor's Methane Advisory Panel to offer support for the application. No other party appeared at hearing or opposed the application.

CONCLUSIONS OF LAW

(9) Chevron has the technical capability, existing and planned infrastructure, and contingency plans to successfully implement the Project.

Case No. 21020 Order No. R-21336 Page 5 of 7

- (10) The geologic and reservoir evidence demonstrates with reasonable probability that the injection interval can accommodate the produced gas, and that the produced gas will be contained within the injection interval.
- (11) The MASP of 1,250 psi will not degrade the mechanical integrity of the Wells or cause fracturing in the injection interval or confining layers.
- (12) The Wells are properly cased and cemented to protect USDWs and other active wells within the AOR.
- (13) The active wells located within the AOR are adequately cased and cemented such that they will not become a conduit for the escape of produced gas from the injection interval, and accordingly; no well within the AOR requires remedial work prior to implementing the Project.
- (14) The Project will not, in reasonable probability, cause waste or harm correlative rights, public health, or the environment.

<u>ORDER</u>

- (1) Chevron is authorized to conduct a gas capture pilot project involving the intermittent injection of produced gas into the Bone Spring formation utilizing the Salado Draw 19 26 33 Federal Com 2H and the SD EA 19 Federal P6 #005H wells.
- (2) Chevron is designated as the operator of the Project.
- (3) Chevron shall inject produced gas from only the Bone Spring, Wolfcamp, and Atoka formations into the wells.
- (4) Chevron shall mitigate potential damage to the casing caused by injecting produced gas with appreciable volumes of CO₂ by maintaining a chemical injection program and continuing to dehydrate the injected gas. Chevron shall maintain a packer in each well to isolate the annulus from reservoir fluids.
- (5) Chevron shall deliver the produced gas to the Wells through an existing gathering system, provided however, that Chevron may modify the gathering system to achieve the MASP of 1,250 psi.
- (6) Chevron shall equip the Wells with a pressure control device that limits the MASP to 1,250 psi.
- (7) Chevron shall provide written notice via email and Form C-103 to the OCD's District I office supervisor and Engineering Bureau at least forty-

Case No. 21020 Order No. R-21336 Page 6 of 7

eight (48) hours prior to commencing the initial injection of produced gas into each of the Wells.

- (8) Chevron shall monitor the Wells with a SCADA system during the Project, collect all relevant data for safe operations as specified in Finding of Fact 6(r), and maintain the data for inspection at the request of OCD.
- (9) Chevron shall equip the Wells to continuously monitor the pressure in the annulus between the 5½-inch and 95%-inch casings ("intermediate casing annulus"), and shall immediately notify the OCD District I office supervisor via the emergency contact number and the OCD Engineering Bureau in Santa Fe via email if it detects an increase in the pressure above 100 psi. If the pressure in the intermediate casing annulus reaches 1000 psi, Chevron shall immediately cease injection and submit a Form C-103 containing a plan to reduce the pressure below 1000 psi and shall not recommence injection until OCD has approved the plan.
- (10) Chevron shall take all steps necessary to ensure the produced gas enters only the injection interval and does not migrate into other formations or USDW or onto the surface through a well in the AOR.
- (11) Chevron shall immediately notify the OCD's District I office supervisor via the emergency contact number and the Engineering Bureau in Santa Fe via email if the tubing or casing of the Wells fails, or water, oil, or other fluid leaks from or around the Wells or any well located within the AOR.
- (12) If the tubing or casing of a Well fails, or water, oil, or other fluid leaks from or around the Wells or any well located within the AOR, Chevron shall take all timely and necessary steps, or as otherwise directed by OCD, to correct such failure or leakage.
- (13) Chevron shall comply with 19.15.26.9 and 19.15.26.10 NMAC for all operations related to the Project.
- (14) Chevron shall submit monthly reports for the Project on Form C-115 in accordance with 19.15.26.13 NMAC. If OCD determines that it requires additional information not reported on Form C-115, Chevron shall submit the additional information monthly using Form C-103.
- (15) Chevron shall provide written notice via email to the OCD's District I office supervisor and Engineering Bureau in Santa Fe upon termination of the Project.

Case No. 21020 Order No. R-21336 Page 7 of 7

- (16) No later than one hundred and eighty (180) days, but after one hundred and fifty (150) days following the commencement of injection, Chevron shall conduct a MIT on Salado Draw 19 26 33 Federal Com 2H in accordance with 19.15.26.11(A)(1) NMAC.
- (17) No later than sixty (60) days after the completion of the Project, Chevron shall conduct a MIT on the Wells in accordance with 19.15.26.11(A)(1) NMAC.
- (18) No later than ninety (90) days following the completion of the Project, Chevron shall submit a summary report summarizing and compiling the following information: injection rates, injection volumes, injection durations, maximum surface pressure during injection, production rates, gas recovery rates, and delta pressures for adjacent wells during injection.
- (19) The authority granted by this Order shall terminate one (1) year after the date of approval, provided however the OCD Director, upon receipt of a written request submitted before the termination date and for good cause shown, may extend the authority granted by this Order.
- (20) Notwithstanding the authority granted by this Order, Chevron shall be responsible for complying with all applicable OCD rules and any other state, federal, or local law or regulation and if the Project causes any harm or damage or threat of harm or damage to protectable fresh water, public health, or the environment.
- (21) If OCD determines that Chevron has failed to comply with any provision of this Order, OCD may take any action authorized by the Oil and Gas Act or OCD rules.
- (22) OCD retains jurisdiction of this case for the entry of such further orders as may be deemed necessary.

DONE at Santa Fe, New Mexico, on this 21st day of May, 2020.

STATE OF NEW MEXICO **OIL CONSERVATION DIVISION** ADRIENNE SANDOVAL

ADRIENNE SANDOVAL DIRECTOR

Geology





Salado Draw Cross-section Index Map





Salado Draw Cross-section





Page 2740f 195

Salado Draw Map: Top of Avalon (SSTVD)

Consistent structural dip to east



Salado Draw Avalon Thickness Map 350-500' in thickness



Area of Review



8

2 Mile Map Salado Draw



Received by OCD: 11/29/2022/4359:17PM Salado Draw AOR Map



Page 31% f195

Facilities











.

Closed Loop Gas Capture (CLGC) introduction



Typical production operation

Closed loop gas capture operation



Process overview:

- During 3rd party interruption, wells utilized in CLGC operations will have production valves shut in.
- Gas lift rate will be increased to CLGC target, while measured & metered at the existing gas lift meter and flow controller.
- Injected gas flows down the tubing-casing annulus, through the orifice and unloading valves, entering the tubing, lateral, and fracture network near the wellbore
- When constraint is lifted, injection is ceased, and the well is returned to production operations.



Page	3630	fЛ	95
------	------	----	----

.

Ref.	API Number	Current Operator	Lease Name and Well Number	Well Type	Status	Surface Location	Date Drilled	TD (TVDSS) D	Total epth (Md)	Current Prod Pool	County	State	Casing	Hole Size	Casing Size	Set Depth	SX Cement	Cement Top	Method
1	3002542125	BTA OIL PRODUCERS, LLC	MESA B 8115 JV P COM #002H	OIL	ACTIVE	190' FSL & 1050' FEL, P-07, T26S, R33E	11/29/2014	5,906		[97994] WC-025 G-06 S253329D;UPR BONE SPRIN	LEA	NM	Surf. Int.	17-1/2" 12-1/4"	13-3/8" 9-5/8"	860 4,741	850 1,350		CIRC CIRC
		LLC								BOINE SPIRIN			Prod.	8-3/4"	5-1/2"	13,728	2,500		UNKNOWN
2	3002542127	BTA OIL PRODUCERS,	MESA B 8115 JV P COM #004H	OIL	ACTIVE	190' FSL & 1880' FWL, N-07, T26S, R33E	10/20/2014	5,986	13,760	[97994] WC-025 G-06 S253329D;UPR	LEA	NM	Surf.	17-1/2"	13-3/8"	840	1,700	,	CIRC
		LLC								BONE SPRIN			Int.	12-1/4"	9-5/8"	4,778	1,450	-	CIRC
													Prod.	8-3/4"	5-1/2"	13,755	2,375	1,188	UNKNOWN
3	3002542849	BTA OIL PRODUCERS,	MESA 8105 JV P #013H	OIL	ACTIVE	310' FSL & 1334' FEL, O-01, T26S, R32E	9/20/2017	6,512	14,965	[97838] JENNINGS;UPPER BONE	LEA	NM	Surf.	17-1/2"	13-3/8"	898	740		CIRC
		LLC								SPRING SHALE			Int.	12-1/4"	9-5/8"	4,780	1,880		CIRC
													Prod.	8-3/4"	5-1/2"	14,645	2,150	2,300	
4	3002543724	BTA OIL PRODUCERS,	MESA 8105 JV P #030H	OIL	ACTIVE	330' FNL & 700' FEL, A-01, T26S, R32E	10/25/2017	6,521			LEA	NM	Surf.	17-1/2"	13-3/8"	811	710		CIRC
		LLC								SPRING SHALE			Int.	12-1/4"	9-5/8"	4,768	1,675		CIRC
-	3002543725	BTA OIL PRODUCERS,	MESA 8105 JV P #031H	OIL	ACTIVE	383' FNL & 1897' FEL, B-01, T26S, R32E	8/20/2017	6,473	20.008		LEA	NM	Prod. Surf.	8-3/4" 17-1/2"	5-1/2" 13-3/8"	20,030 838	3,525 410		CIRC
2	5002543725	LLC	MESA 8105 JV P #031H	UIL	ACTIVE	383 FNL & 1897 FEL, B-01, 1203, R32E	8/20/2017	0,473		[97838] JENNINGS;UPPER BONE SPRING SHALE	LEA	NIVI	Int.	17-1/2 12-1/4"	13-5/8 9-5/8"	4,769	1.550		CIRC
		LLC								SPRING SHALE			Prod.	8-3/4"	5-1/2"	20,008	3.530	3,300	
6	3002546407	BTA OIL PRODUCERS,	MESA B 8115 FEDERAL COM #022H	OIL	ACTIVE	400' FNL & 600' FEL, A-07, T26S, R33E	3/5/2020	9,258	17.505	[98097] SANDERS TANK;UPPER	LEA	NM	Surf.	14-3/4"	10-3/4"	909	630	,	CIRC
-		LLC					-, -,	-,		WOLFCAMP			Int.	10-3/4"	7-5/8"	11,935	1.650		CIRC
													Prod.	6-3/4"	5-1/2" x 5"	17,500	,	UNKNOWN	
7	3002546408	BTA OIL PRODUCERS,	MESA B 8115 FEDERAL COM #023H	OIL	ACTIVE	430' FNL & 600' FEL, A-07, T26S, R33E	3/4/2020	9,515	17,757	[98097] SANDERS TANK;UPPER	LEA	NM	Surf.	14-3/4"	10-3/4"	912	630	UNKNOWN	UNKNOW
		LLC								WOLFCAMP			Int.	8-3/4"	7-5/8"	12,200	1,635	UNKNOWN	UNKNOW
													Prod.	6-3/4"	5-1/2" x 5"	17,757	1,310	UNKNOWN	UNKNOW
8	3002546409	BTA OIL PRODUCERS,	MESA B 8115 FEDERAL COM #024H	OIL	ACTIVE	460' FNL & 600' FEL, A-07, T26S, R33E	3/4/2020	9,260	17,567	[98097] SANDERS TANK;UPPER	LEA	NM	Surf.	14-3/4"	10-3/4"	915	630	UNKNOWN	UNKNOW
		LLC								WOLFCAMP			Int.	8-3/4"	7-5/8"	12,017		UNKNOWN	
													Prod.	6-3/4"	5-1/2" x 5"	17,567		UNKNOWN	
9	3002546410	BTA OIL PRODUCERS,	MESA B 8115 FEDERAL COM #025H	OIL	ACTIVE	490' FNL & 600' FEL, A-07, T26S, R33E	3/3/2020	9,512		···· · · · · · · · · · · · · · · · · ·	LEA	NM	Surf.	14-3/4"	10-3/4"	912	630	UNKNOWN	
		LLC								WOLFCAMP			Int.	8-3/4"	7-5/8"	12,328	1,540		UNKNOW
							- /- /						Prod.	6-3/4"	5-1/2" x 5"	17,835	,	UNKNOWN	
10 3	3002542126	BTA OIL PRODUCERS,	MESA B 8115 JV-P #003H	OIL	ACTIVE	190' FSL & 2180' FEL, O-07, T26S, R33E	9/8/2016	5,910		[97994] WC-025 G-06 S253329D;UPR	LEA	NM	Surf.	17-1/2"	13-3/8"	792	740		CIRC
		LLC								BONE SPRIN			Int. Prod.	12-1/4" 7-7/8"	9-5/8" 5-1/2"	4,780 14.089	1,315 1.485	- 2.250	CIRC
11	3002542128	BTA OIL PRODUCERS,	MESA B 8115 JV P COM #005H	OIL	ACTIVE	190' FSL & 330' FWL, M-07, T26S, R33E	5/11/2015	5,947	12 777	[97794] WC SCARY CREEK;ATOKA	LEA	NM	Surf.	17-1/2"	13-3/8"	14,089	650	2,250	
11	5002542128	LLC	WESA B 8115 JV P COWI #005H	UIL	ACTIVE	190 FSL & 330 FWL, WI-07, 1265, K33E	5/11/2015	5,947		(GAS) ; [97994] WC-025 G-06	LEA	NIVI	Int.	17-1/2 12-1/4"	13-5/8 9-5/8"	4,721	1,250		CIRC
		LLC								S253329D:UPR BONE SPRIN			Prod.	7-7/8"	5-1/2"	13.757	2.200		CALC
12	3002542168	CHEVRON U S A INC	SALADO DRAW 29 26 33 FEDERAL COM	OIL	Active	200' FNL & 330' FWL, D-29, T26S, R33E	11/14/2014	7,167		,	LEA	NM	Surf.	17-1/2"	13-3/8"	846	965		CIRC
			#033H		10000		,	.,		SPRING ; [7280] BRADLEY;BONE			Int.	12-1/4"	9-5/8"	4,834	1,530		CIRC
										SPRING ; [97955] WC-025 G-06 S263319P;BONE SPRING ; [98090] WC-025 G-07 S263329D;LOWER BONE SPR			Prod.	8-3/4"	5-1/2"	16,500	2,155	4,000	CALC
13	3002542936	EOG RESOURCES INC	ORRTANNA 20 FEDERAL #701H	OIL	ACTIVE	220 FSL & 950 FWL, M-20, T26S, R33E	4/26/2016	9,035	17,136	[97900] RED HILLS;UPPER BONE	LEA	NM	Surf.	14-3/4"	10-3/4"	837	656	-	CIRC
										SPRING SHALE ; [98097] SANDERS			Int.	9-7/8"	7-5/8"	11,048	1,590	-	CIRC
										TANK;UPPER WOLFCAMP			Prod.	6-3/4"	5-1/2" X 5"	17,136	765	7,960	
14 3002542	3002542938	EOG RESOURCES INC	ORRTANNA 20 FEDERAL #702H	OIL	ACTIVE	220 FSL & 995 FWL, M-20, T26S, R33E	5/21/2016	9,036			LEA	NM	Surf.	14-3/4"	10-3/4"	929	651		CIRC
										SPRING SHALE ; [98097] SANDERS			Int.	9-7/8"	7-5/8"	11,065	1,590		CIRC
										TANK;UPPER WOLFCAMP			Prod.	6-3/4"	5-1/2" X 5"	11,545	765	10,265	
15 30025	3002543663	EOG RESOURCES INC	ORRTANNA 20 FEDERAL #703H	OIL	ACTIVE	221 FSL & 1969 FWL, N-20, T26S, R33E	4/15/2017	9,046			LEA	NM	Surf.	14-3/4"	10-3/4"	1,089	880		CIRC
										WOLFCAMP			Int.	8-3/4" 6-3/4"	7-5/8"	11,600 17,128	3,111 573	- 10,000	CIRC
10	3002543664			OIL	ACTIVE	221 FSL & 1999 FWL, N-20, T26S, R33E	4/3/2017	9,043	17 100	[98097] SANDERS TANK;UPPER	LEA	NM	Prod. Surf.	14-3/4"	5-1/2" 10-3/4"	17,128	835	,	CIRC
10	3002343004	EOG RESOURCES INC	ORRTANNA 20 FEDERAL #704H	UIL	ACTIVE	221 FSL & 1999 FWL, N-20, 1205, R53E	4/3/2017	9,043		[98097] SANDERS TANK; UPPER WOLFCAMP	LEA	NIVI	Int.	14-5/4 8-3/4"	10-3/4 7-5/8"	1,032	3,131		CIRC
										WOLFCAMP			Prod.	6-3/4"	7-3/8 5-1/2"	17,150	5,131	8,850	
17	3002540802	CHEVRON U S A INC	PORTER BROWN 1H	OIL	Active	340' FSL & 340' FEL, P-19, T26S, R33E	11/17/2012	5,943	13 468	WC-025 G-06 S263319P; BONE	LEA	NM	Surf.	17-1/2"	13-3/8"	825	815	- 0,850	
1/	00020-0002	SHEWKON 0 5 A INC	I ONLEN DIOWN TH	OIL	Active	5.5. SE & 545 FEL, F-19, 1203, N33E	11/1//2012	5,545		SPRING			Int.	17-1/2 12-1/4"	9-5/8"	4,804	1,655		CIRC
													Prod.	8-1/2"	5-1/2"	13,461	2,645	4,000	
18	3002542659	CHEVRON U S A INC	SALADO DRAW 18 26 33 FEDERAL 1H	OIL	Active	200' FNL & 873' FWL, D-19, T26S, R33E	7/12/2015	5,892	14.042	WC-025 G-06 S263319P; BONE	LEA	NM	Surf.	17-1/2"	13-3/8"	863	1,006	-	
		Literion o s A me		2.2			.,, 2010	2,002		SPRING			Int.	12-1/4"	9-5/8"	4,665	1,588		CIRC
													Prod.	8-3/4"	5-1/2"	14,030	1,681	3,006	
	3002542660	CHEVRON U S A INC	SALADO DRAW 18 26 33 FEDERAL 2H	OIL	Active	200' FNL & 923' FWL, D-19, T26S, R33E	7/15/2015	5,900	14,135	WC-025 G-06 S263319P; BONE	LEA	NM	Surf.	17-1/2"	13-3/8"	870	1,001	,	CIRC
19	3002342000					, , , , , , , , , , , , , , , , , , , ,	, .,										,		
19	5002542000									SPRING			Int.	12-1/4"	9-5/8"	4,670	1,539	-	CIRC
-

Ref.	API Number	Current Operator	Lease Name and Well Number	Well Type	Status	Surface Location	Date Drilled	TD (TVDSS)	Total epth (Md)	Current Prod Pool	County	State	Casing	Hole Size	Casing Size	Set Depth	SX Cement	Cement Top	Method
20	3002542278	CHEVRON U S A INC	SALADO DRAW 18 26 33 FEDERAL 3H	OIL	Active	200' FNL & 1943' FWL, C-19, T26S, R33E	12/17/2014	5,952		C-025 G-06 S263319P; BONE RING	LEA	NM	Surf. Int.	17-1/2" 12-1/4"	13-3/8" 9-5/8"	859 4,846	990 1,550	-	CIRC CIRC
							- / /						Prod.	8-3/4"	5-1/2"	13,879	1,560		CIRC
21	3002542279	CHEVRON U S A INC	SALADO DRAW 18 26 33 FEDERAL 4H	OIL	Active	200' FNL & 1993' FWL, C-19, T26S, R33E	2/11/2015	5,945		2-025 G-06 S263319P; BONE RING	LEA	NM	Surf. Int.	17-1/2" 12-1/4"	13-3/8" 9-5/8"	876 4,735	1,020 1,555		CIRC CIRC
									350				Prod.	8-3/4"	5-1/2"	13,900	1,595	-	
22	3002542280	CHEVRON U S A INC	SALADO DRAW 19 26 33 FEDERAL 3H	OIL	Active	200' FNL & 1968' FWL, C-19, T26S, R33E	1/20/2015	5,975	14,055 WC	C-025 G-06 S263319P; BONE	LEA	NM	Surf.	17.5"	13.375"	863	990	-	CIRC
									SPR	RING			Int.	12.25"	9.625"	4,791	1,535		CIRC
													Prod.	8.75"	5.5"	14,045	1,624	4,000	
23	3002542281	CHEVRON U S A INC	SALADO DRAW 19 26 33 FEDERAL 4H	OIL	Active	200' FNL & 2018' FWL, C-19, T26S, R33E	2/28/2015	5,930		2-025 G-06 S263319P; BONE RING	LEA	NM	Surf. Int.	17-1/2" 12-1/4"	13-3/8" 9-5/8"	859 4.710	1,020 1.540		CIRC
									SPR	ling			Prod.	8-3/4"	9-5/8 5-1/2"	4,710	1,540		CIRC
24	3002542661	CHEVRON U S A INC	SALADO DRAW 19 26 33 FEDERAL COM	OIL	Active	200' FNL & 898' FWL, D-19, T26S, R33E	7/14/2015	5,872	13,830 WC	-025 G-06 S263319P; BONE	LEA	NM	Surf.	17-1/2"	13-3/8"	856	1,006		CIRC
			1H			, , , ,	, ,	-,-		RING			Int.	12-1/4"	9-5/8"	4,338	1,507	-	CIRC
													Prod.	8-3/4"	5-1/2"	13,830	1,678		CALC
25	3002542662	CHEVRON U S A INC	SALADO DRAW 19 26 33 FEDERAL COM	OIL	Active	200' FNL & 948' FWL, D-19, T26S, R33E	8/5/2012	5,913		955] WC-025 G-06	LEA	NM	Surf.	17-1/2"	13-3/8"	863	1,006		CIRC
			#002H						S26	3319P;BONE SPRING			Int.	12-1/4"	9-5/8"	4,665	2,613	-	
26	3002542629	CHEVRON U S A INC	SALADO DRAW 29 26 33 FEDERAL COM	OIL	Shut-in	200' FNL & 1283' FWL, D-29, T26S, R33E	11/15/2015	5,968	16.460 [08]	307] NEEDMORE TANK;BONE	LEA	NM	Prod. Surf.	8-3/4" 17-1/2"	5-1/2" 13-3/8"	13,647 860	1,647 1,008	3,830	CIRC
20	5002542025	CHEVILON 0 5 A INC	#001H	OIL	Jilut-III	200 THE & 1283 TWE, D-29, 1203, N35E	11/15/2015	5,508		RING ; [97955] WC-025 G-06			Int.	12-1/4"	9-5/8"	4,791	1,545	-	
										3319P;BONE SPRING			Liner		7-5/8"	9,318	281	4,500	
													Prod.	8-3/4"	5"	16,452	907	4,308	CBL
27	3002542637	CHEVRON U S A INC	SALADO DRAW 29 26 33 FEDERAL COM	OIL	Shut-in	200' FNL & 1308' FWL, D-29, T26S, R33E	11/14/2015	5,960		307] NEEDMORE TANK;BONE	LEA	NM	Surf.	17-1/2"	13-3/8"	850	1,006		CIRC
			#002H							RING ; [97955] WC-025 G-06			Int.	12-1/4"	9-5/8"	4,800	1,536		CIRC
									526	3319P;BONE SPRING			Liner Prod.	8-3/4" 8-3/4"	7-5/8" 5"	9,290 16,514	282 989	- 3,150	CIRC
28	3002542638	CHEVRON U S A INC	SALADO DRAW 29 26 33 FEDERAL COM	OIL	Active	200' FNL & 1333' FWL, C-29, T26S, R33E	10/4/2015	6,007	16.489 [98]	307] NEEDMORE TANK;BONE	LEA	NM	Surf.	17-1/2"	13-3/8"	843	1,005	,	CIRC
			#003H		neuve			-,		RING ; [97955] WC-025 G-06			Int.	12-1/4"	9-5/8"	4,755	460	-	
										3319P;BONE SPRING			Prod.	8-3/4"	5-1/2"	16,474	2,219	4,270	
29	3002542639	CHEVRON U S A INC	SALADO DRAW 29 26 33 FEDERAL COM	OIL	Shut-in	200' FNL & 1358' FWL, C-29, T26S, R33E	10/7/2015	6,060		307] NEEDMORE TANK;BONE	LEA	NM	Surf.	17-1/2"	13-3/8"	804	1,005		CIRC
			#004H							RING ; [97955] WC-025 G-06			Int.	12-1/4"	9-5/8"	4,842	1,518		CIRC
30	3002544088	CHEVRON U S A INC	SD EA 18 19 P15 FED COM 016H	OIL	Active	467' FSL & 2363' FEL, A-18, T26S, R33E	5/22/2018	9,070		3319P;BONE SPRING NDERS TANK; UPPER WOLFCAMP	IEA	NM	Prod. Surf.	8-3/4" 17-1/2"	5-1/2" 13-3/8"	16,551 846	2,260 868	3,950	CIRC
50	3002344088	CHEVRON 0 3 A INC	3D EA 18 19 P13 PED COM 010H	OIL	Active	407 132 @ 2303 122, A-18, 1203, 1332	5/22/2018	5,670	22,343 3AP	IDERS TAINK, OFFER WOLFCAWIF			Int.	12-1/4"	9-5/8"	11,512	2,191		CIRC
													Prod.	8-1/2"	5-1/2"	22,291	3,779	-	CIRC
31	3002544167	CHEVRON U S A INC	SD EA 18 19 FEDERAL COM P15 019H	OIL	Active	455' FNL & 905' FEL, A-18, T26S, R33E	7/14/2018	9,347	22,583 SAM	NDERS TANK; UPPER WOLFCAMP	LEA	NM	Surf.	17-1/2"	13-3/8"	841	900	-	CIRC
													Int.	12-1/4"	9-5/8"	11,419	972		CIRC
													Liner Prod.	8-1/2" 6-3/4"	7-5/8" 5-1/2" x 5"	12,250 22,572	143 2,157	11,087	
32	3002544090	CHEVRON U S A INC	SD EA 18 19 FEDERAL COM P15 018H	OIL	Active	455' FNL & 930' FEL, A-18, T26S, R33E	6/5/2018	9,127	22 423 SAN	NDERS TANK; UPPER WOLFCAMP	IFA	NM	Surf.	17-1/2"	13-3/8"	840	900	- 11,112	CIRC
52	5002544050	CHEVILON 0 5 A INC	3D EA 18 19 1 EDERAE COMP 19 01811	012	Active	455 THE & 550 TEE, A 10, 1203, NOSE	0, 3, 2010	5,127	22,423 JAI	VDENS TANK, OFFER WOEI CAMIF	LLA		Int.	12-1/4"	9-5/8"	11,373	2,191	-	
													Prod.	8-3/4"	5-1/2"	22,196	6,591	7,460	CBL
33	3002544091	CHEVRON U S A INC	SD EA 18 19 P15 FED COM 020H	OIL	Active	467' FSL & 2363' FEL, A-18, T26S, R33E	6/8/2018	5,931		C-025 G-06 S263319P; BONE	LEA	NM	Surf.	17-1/2"	13-3/8"	850	905		CIRC
									SPR	RING			Int.	12-1/4"	9-5/8"	8,480	829	-	
24	3002544089	CHEVRON U S A INC	SD EA 18 19 P15 FED COM 017H	OIL	Active	467' FSL & 2363' FEL, A-18, T26S, R33E	6/4/2018	9,383	22.641.644	NDERS TANK; UPPER WOLFCAMP		NM	Prod. Surf.	8-1/2" 17-1/2"	5-1/2" 13-3/8"	13,952 842	1,541 803	3,155	CBL
54	5002544089	CHEVRON U S A INC	SD EA 18 19 P15 FED COM 017H	UIL	Active	407 FSL & 2303 FEL, A-18, 1203, R33E	6/4/2018	9,363	22,041 SAP	NDERS TANK; UPPER WOLFCAMP	LEA	INIVI	Int.	17-1/2 12-1/4"	13-5/8" 9-5/8"	842 11,405	2,191		CIRC
													Liner	8-1/2"	7-5/8"	12,210	149	11.075	
													Prod.	6-3/4"	5-1/2" x 5"	22,591	1,995	11,063	CBL
35	3002542795	CHEVRON U S A INC	SD EA 18 FEDERAL P6 5H	OIL	Active	266' FNL & 1778' FEL, B-19, T26S, R33E	1/27/2016	5,915	14,214 WC	C-025 G-06 S263319P; BONE	LEA	NM	Surf.	17-1/2"	13-3/8"	851	1,006		CIRC
									SPR	RING			Int.	12-1/4"	9-5/8"	4,721	1,527	-	
26	2002542700			011	A	247 FNI 8 4762 FEL 5 40 7266 525	2/15/2016	E 045	14.105 1415		154	NINA	Prod.	8-3/4"	5-1/2"	14,204	1,691	4,035	
36	3002542796	CHEVRON U S A INC	SD EA 18 FEDERAL P6 6H	OIL	Active	247' FNL & 1763' FEL, B-19, T26S, R33E	3/15/2016	5,915		2-025 G-06 S263319P; BONE RING	LEA	NM	Surf. Int.	17-1/2" 12-1/4"	13-3/8" 9-5/8"	847 4,712	1,006 1,527		CIRC
									326				Prod.	12-1/4 8-3/4"	9-5/8 5-1/2"	4,712	1,527	- 4,315	
37	3002542797	CHEVRON U S A INC	SD EA 19 FEDERAL P 6 #005H	OIL	Shut-in	227' FNL & 1747' FEL, B-19, T26S, R33E	1/30/2016	5,923	13,928 [97	955] WC-025 G-06	LEA	NM	Surf.	17-1/2"	13-3/8"	838	1,006	,	CIRC
										3319P;BONE SPRING			Int.	12-1/4"	9-5/8"	4,745	1,525	-	CIRC
													Prod.	8-3/4"	5-1/2"	13,915	1,614	3,760	
38	3002542798	CHEVRON U S A INC	SD EA 19 FEDERAL P6 6H	OIL	Active	207' FNL & 1732' FEL, B-19, T26S, R33E	2/1/2016	5,894	-, -	C-025 G-06 S263319P; BONE	LEA	NM	Surf.	17-1/2"	13-3/8" o.c./8"	840	1,006		CIRC
									SPR	RING			Int. Prod.	12-1/4" 8-3/4"	9-5/8" 5-1/2"	4,729 13,730	1,527 1,635	- 4,892	CIRC
													riou.	o-2/4	J-1/2	13,/30	2,035	4,892	CDL

.

Ref.	API Number	Current Operator	Lease Name and Well Number	Well Type	Status	Surface Location	Date Drilled	TD (TVDSS)	Total epth (Md)	Current Prod Pool	County	State	Casing	Hole Size	Casing Size	Set Depth	SX Cement	Cement Method Top
39	3002542799	CHEVRON U S A INC	SD EA 19 FEDERAL P6 7H	OIL	Active	188' FNL & 1716' FEL, B-19, T26S, R33E	2/2/2016	5,958	13,846	WC-025 G-06 S263319P; BONE	LEA	NM	Surf.	17-1/2"	13-3/8"	854	1,006	- CIRC
										SPRING			Int.	12-1/4"	9-5/8"	4,702	1,470	- CIRC
													Prod.	8-3/4"	5-1/2"	13,833	1,655	4,325 CBL
40	3002544485	CHEVRON U S A INC	SD EA 29 32 FEDERAL COM P10 #017H	OIL	Active	120' FNL & 2605' FWL, C-29, T26S, R33E	6/2/2018	9,067		[98308] NEEDMORE TANK;UPPER	LEA	NM	Surf.	17-1/2"	13-3/8"	873	868	- CIRC
										WOLFCAMP ; [98097] SANDERS			Int.	12-1/4"	9-5/8"	11,600	2,085	4,919 CIRC
							- / /			TANK;UPPER WOLFCAMP			Prod.	8-1/2"	5-1/2"	19,770	681	4,957 CALC
41	3002544333	CHEVRON U S A INC	SD EA 29 32 FEDERAL COM P11 #013H	OIL	Active	195' FNL & 828' FWL, D-29, T26S, R33E	5/26/2018	9,070		[98308] NEEDMORE TANK; UPPER	LEA	NM	Surf.	17-1/2"	13-3/8"	837	868	- CIRC
										WOLFCAMP ; [98097] SANDERS			Int.	12-1/4"	9-5/8"	11,593	3,960	4,833 CALC
42	3002544334			OIL	A	195' FNL & 853' FWL, D-29, T26S, R33E	5/27/2018	9,523		TANK;UPPER WOLFCAMP	LEA	NM	Prod. Surf.	8-1/2" 17-1/2"	5-1/2" 13-3/8"	19,780 864	2,812 868	5,531 CALC 33 CIRC
42	3002544554	CHEVRON U S A INC	SD EA 29 32 FEDERAL COM P11 #014H	UIL	Active	195 FINL & 855 FWL, D-29, 1205, R55E	5/2//2018	9,525		[98308] NEEDMORE TANK; UPPER	LEA	INIVI	Int.	17-1/2 12-1/4"	15-5/8 9-5/8"	804 11,590	8.449	4,838 CALC
										WOLFCAMP ; [98097] SANDERS TANK;UPPER WOLFCAMP			Prod.	8-1/2"	5-1/2"	20,156	2.897	4,838 CALC 5.655 CALC
13	3002544335	CHEVRON U S A INC	SD EA 29 32 FEDERAL COM P11 #015H	OIL	Active	195' FNL & 878' FWL, D-29, T26S, R33E	5/29/2018	9,132		[98308] NEEDMORE TANK;UPPER	LEA	NM	Surf.	17-1/2"	13-3/8"	807	868	- CIRC
43	5002544555	CHEVRON U S A INC	5D EA 29 52 FEDERAL COM P11 #015H	UIL	Active	193 FINL & 878 FWL, D-29, 1203, K35E	3/23/2018	9,132		WOLFCAMP ; [98097] SANDERS	LEA	INIVI	Int.	17-1/2	9-5/8"	11,589	4,118	750 CBL
										TANK;UPPER WOLFCAMP			Prod.	8-1/2"	5-1/2"	19,720	5,216	- CIRC
44	3002544336	CHEVRON U S A INC	SD EA 29 32 FEDERAL COM P11 #016H	OIL	Active	195' FNL & 903' FWL, D-29, T26S, R33E	5/29/2018	9,487		[98308] NEEDMORE TANK; UPPER	LEA	NM	Surf.	17-1/2"	13-3/8"	841	868	- CIRC
	5002511550	cheviton o 5 A lite	30 ER 23 52 1 EDERAE COM 1 11 #01011	0.2	Active	155 1112 0 565 1 112, 5 25, 1265, 1862	5/25/2010	3,107		WOLFCAMP ; [98097] SANDERS	22/1		Int.	12-1/4"	9-5/8"	11,633	4,034	- CALC
										TANK:UPPER WOLFCAMP			Prod.	8-1/2"	5-1/2"	20,282	5.342	500 CIRC
45	3002543674	CHEVRON U S A INC	SD WE 24 FEDERAL P24 005H	OIL	Active	484' FSL & 990' FWL, P-24, T26S, R32E	8/12/2017	5.917		WC-025 G-06 S263319P; BONE	LEA	NM	Surf.	17-1/2"	13-3/8"	712	844	- CIRC
							-,,	-,		SPRING			Int.	12-1/4"	9-5/8"	4,545	1,487	- CIRC
													Prod.	8-3/4"	5-1/2"	19,328	2,727	- CIRC
46	3002543673	CHEVRON U S A INC	SD WE 24 FEDERAL P24 006H	OIL	Active	484' FSL & 990' FWL, P-24, T26S, R32E	8/11/2017	5,912	19,286	WC-025 G-06 S263319P; BONE	LEA	NM	Surf.	17-1/2"	13-3/8"	706	844	- CIRC
										SPRING			Int.	12-1/4"	9-5/8"	4,495	1,487	- CIRC
													Prod.	8-3/4"	5-1/2"	19,278	2,727	- CIRC
47	3002543675	CHEVRON U S A INC	SD WE 24 FEDERAL P24 007H	OIL	Active	484' FSL & 990' FWL, P-24, T26S, R32E	8/10/2017	5,929	19,371	WC-025 G-06 S263319P; BONE	LEA	NM	Surf.	17-1/2"	13-3/8"	662	844	- CIRC
										SPRING			Int.	12-1/4"	9-5/8"	4,536	1,487	- CIRC
													Prod.	8-3/4"	5-1/2"	19,363	2,612	- CIRC
48	3002544534	COG OPERATING LLC	TIGERCAT FEDERAL COM #003H	OIL	ACTIVE	360' FNL & 1650' FWL, C-08, T26S, R33E	5/19/2018	9,533	17,636	[98097] SANDERS TANK;UPPER	LEA	NM	Surf.	14-3/4"	10-3/4"	955	1,000	- CIRC
										WOLFCAMP			Int.	9-7/8"	7-5/8"	11,596	1,550	3,720 TEMP
													Prod.	6-3/4"	5-1/2" x 5"	17,624	3,250	- CIRC
49	3002544535	COG OPERATING LLC	TIGERCAT FEDERAL COM #004H	OIL	ACTIVE	360 FNL & 1620 FWL, C-08, T26S, R33E	4/26/2018	6,954	15,066	[7280] BRADLEY;BONE SPRING	LEA	NM	Surf.	17-1/2"	13-3/8"	936	750	- CIRC
													Int.	12-1/4"	9-5/8"	4,922	1,600	- CIRC
													Prod.	8-3/4"	5-1/2"	15,056	2,300	- CIRC
50	3002542027	CONOCOPHILLIPS	WAR HAMMER 25 FEDERAL COM W1	OIL	ACTIVE	316 FNL & 125 FEL, A-25, T26S, R32E	3/8/2015	9,084	12,382	[98081] ZIA HILLS;WOLFCAMP	LEA	NM	Surf.	17-1/2"	13-3/8"	794	708	- CIRC
		COMPA	#003H										Int.	13-5/8"	9-5/8"	4,778	1,322	40 CBL
													Int.	8-3/4"	7-5/8"	12,382	995	2,750 CALC
													Prod.	6-3/4"	5"	18,885	551	8,690 CALC
51	3002542028	CONOCOPHILLIPS	WAR HAMMER 25 FEDERAL COM W2	OIL	ACTIVE	283 FNL & 125 FEL, A-25, T26S, R32E	3/8/2015	9,532	19,670	[98081] ZIA HILLS;WOLFCAMP	LEA	NM	Surf.	17-1/2"	13-3/8"	798	708	- CIRC
		COMPA	#002H										Int.	12-1/4"	9-5/8"	4,778	1,285	- CIRC
													Int.	8-3/4"	7-5/8"	12,198	526	518 EST
5.0	2002542020	CONOCODUUNDS		0"	A (771) /7		2/11/2015	0.000	20.027	[00004] 714 UULC 1101 501 55	LEA	NINA	Prod.	6-3/4"	5"	19,651	1,124	5,356 EST
52	3002542029	CONOCOPHILLIPS	WAR HAMMER 25 FEDERAL COM W3	OIL	ACTIVE	250 FNL & 125 FEL, A-25, T26S, R32E	3/11/2015	9,983	20,027	[98081] ZIA HILLS;WOLFCAMP	LEA	NM	Surf.	17-1/2"	13-3/8"	765	705 759	- CIRC - CIRC
		COMPA	#001H										Int.	12-1/4" 8 2/4"	10-3/4" 7 5 /9"	4,591	759 435	
													Int. Prod.	8-3/4" 6-3/4"	7-5/8" 5"	12,207 20.007	435 1,143	4,050 EST 11,600 EST
52	3002542560	CONOCOPHILLIPS CO	ZIA HILLS 25E FEDERAL COM #401H	OIL	ACTIVE	250 FNL & 2310 FEL, B-25, T26S, R32E	7/1/2018	6,728	17 282	[98009] ZIA HILLS;BONE SPRING ;	LEA	NM	Surf.	14-3/4	5 11-3/4"	20,007 918	431	- CIRC
55	5002542500	CONOCOPHILLIPS CO	ZIA HILLS ZSE FEDERAL COW #401H	UIL	ACTIVE	230 THE & 2310 FEL, D-23, 1203, R32E	//1/2018	0,720		[98009] ZIA HILLS;BONE SPRING ; [98081] ZIA HILLS;WOLFCAMP	LEA		Int.	14-5/4 10-5/8"	8-5/8"	4,879	825	- CIRC - CIRC
										[50001] ZIA HILLS; WULFCAMP			Prod.	7-7/8"	8-5/8 5-1/2"	4,879	1.982	- CIRC 188 CALC
5/	3002543364	CONOCOPHILLIPS CO	ZIA HILLS 25E FEDERAL COM #402H	OIL	ACTIVE	283 FNL & 2310 FEL, B-25, T26S, R32E	7/1/2018	7,512	17 845	[98009] ZIA HILLS;BONE SPRING ;	LEA	NM	Surf.	14-3/4"	11-3/4"	918	431	- CIRC
54	5002343304	CONOCOF HILLIPS CU	ZIA TILLU ZUL I LUERAL CUIVI #4020	OIL	ACTIVE	203 HNL & 2310 HL, D-23, 1203, N32E	//1/2010	1,512		[98065] WC-025 G-08	LLA		Int.	14-5/4 10-5/8"	8-5/8"	4.879	624	- CIRC
										[98065] WC-025 G-08 S263205N;UPPER WOLFCAMP;			Prod.	7-7/8"	8-3/8 5-1/2"	4,875	1.982	188 CIRC
	L									J20J20JN, UFFER WOLFCAIVIP;			1100.	1.110	5 1/2	17,201	1,302	100 CINC

SLIDE 1 PORTER BROWN 1H

Operator: CHEVRON U S A INC



SLIDE 2 PORTER BROWN 1H

Tubing Size:	2 7/8"	Lining Material:	UNLINED
Type of Packer:	BAKER HORNET 4 1/2" x 1.930"		
Packer Setting Depth:	8980' MD / 8931' TVD		
	Other Type of Tubing/Casing Seal (if applicable):	N/A	
		Additional Data	
		Additional Data	
1	Is this a new well drilled for injection?		Yes No
	If no, for what purpose was the well originally d	rilled?	PRODUCER - OIL
2	Name of the Injection Formation:	AVALON	_
3	Name of Field or Pool (if applicable):	BONE SPRINGS	
4	Has the well ever been perforated in any other a intervals and give plugging detail, i.e. sacks of ce		forated
	N/A		
5	Give the name and depths of any oil or gas zone injection zone in this area:	es underlying or overlying	g the proposed
	OVERLYING: BRUSHY CANYON	UNDERLYING:	FIRST BONE SPRING

SLIDE 1 SALADO DRAW 18 26 33 FEDERAL 1H

Operator: CHEVRON U S A INC



^{*}Note - Diagram not to scale

SLIDE 2 SALADO DRAW 18 26 33 FEDERAL 1H

Tubing Size:	Tubing Size: 27/8"		UNLINED				
Type of Packer:	BAKER HORNET 4 1/2" x 2.375"						
Packer Setting Depth	8638' MD / 8619' TVD						
	Other Type of Tubing/Casing Seal (if applicable):	N/A					
		Additional Data					
1	Is this a new well drilled for injection?		Yes No				
	If no, for what purpose was the well originally d	rilled?	PRODUCER - OIL				
2	Name of the Injection Formation:	AVALON					
3	Name of Field or Pool (if applicable):	BONE SPRINGS					
4	Has the well ever been perforated in any other a intervals and give plugging detail, i.e. sacks of ce		forated				
	N/A						
5	5 Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area:						
	OVERLYING: BRUSHY CANYON	UNDERLYING:	FIRST BONE SPRING				

SLIDE 1 SALADO DRAW 18 26 33 FEDERAL 3H

Operator: CHEVRON U S A INC



.

SLIDE 2 SALADO DRAW 18 26 33 FEDERAL 3H

Tubing Size:	2 7/8"	Lining Material:	UNLINED				
Type of Packer	HALLIBURTON Arrowset 5.5" x 2.875"						
Packer Setting Depth	: 8726' MD / 8714' TVD						
	Other Type of Tubing/Casing Seal (if applicable):	N/A					
		Additional Data					
1	Is this a new well drilled for injection?		Yes No				
	If no, for what purpose was the well originally o	trilled?	PRODUCER - OIL				
2	Name of the Injection Formation:	AVALON					
3	Name of Field or Pool (if applicable):	BONE SPRINGS					
4	Has the well ever been perforated in any other intervals and give plugging detail, i.e. sacks of c		rforated				
	N/A						
5	5 Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area:						
	OVERLYING: BRUSHY CANYON	UNDERLYING:	FIRST BONE SPRING				

SLIDE 1 SALADO DRAW 18 26 33 FEDERAL 4H

Operator: CHEVRON U S A INC



.

SLIDE 2 SALADO DRAW 18 26 33 FEDERAL 4H

Tubing Size:	2 7/8"	Lining Material: UNLINED					
Type of Packer:	HALLIBURTON 4.6" x 2.360"						
Packer Setting Depth:	8706' MD / 8694' TVD						
	Other Type of Tubing/Casing Seal (if applicable):	N/A					
		Additional Data					
1	Is this a new well drilled for injection?		Yes No				
	If no, for what purpose was the well originally drille	ed?	PRODUCER - OIL				
2	Name of the Injection Formation:	AVALON					
3	Name of Field or Pool (if applicable):	BONE SPRINGS					
4	Has the well ever been perforated in any other zon intervals and give plugging detail, i.e. sacks of ceme		ed				
	N/A						
5	5 Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area:						
	OVERLYING: BRUSHY CANYON	UNDERLYING:	FIRST BONE SPRING				

SLIDE 1 SALADO DRAW 19 26 33 FED COM 1H

Operator: CHEVRON U S A INC

Well Name SALADO DRAW 19-26-33 FED 001H		ed Field Name Wildcat		Business Unit Mid-Continent		
SALADO DRAW 19-26-33 FED 001H						
_{Area} Delaware Basin	face UWI 02542661		Well Type Oil Producer			
Latitude (*) 32° 2' 8.117" N			Longitude (*) 103° 36' 59.22" W			
North/South Distance (ft) 200.0		North/South Reference	East/West Distance (ft) 898.0			East/West Reference
Township 26	Rai 33			Section 19		
Wellbo	re Schematic			Well Constructi	on Data	



Surface Casing

Hole Size:	17 1/2"	_	Casing Size:	13 3/8"
Cemented with:	1,006 sx.		Method Determined:	CIRC
Top of Cement:	SURF	_ SX.	Determineu:	CIRC
-		-		
		Inter	mediate Casing	
Hole Size:	12 1/4"	_	Casing Size:	9 5/8"
Cemented with:			Method	
	1,507	sx.	Determined:	CIRC
Top of Cement:	SURF			

Production Casing

Hole Size:	8 3/4"	_	Casing Size:	5 1/2"
Comontoduuithu			Method	
Cemented with:	1,678	sx.	Determined:	CALC
Top of Cement:	1832		-	

Injection Interval 9,420 MD to 13,642 MD feet perforated

SLIDE 2 SALADO DRAW 19 26 33 FED COM 1H

Tubing Size:	2 7/8"	Lining Material:	UNLINED			
Type of Packer:	BAKER HORNET 4 1/2" x 2.375"					
Packer Setting Depth:	8658' MD / 8636' TVD					
	Other Type of Tubing/Casing Seal (if applicable):	N/A				
		Additional Data				
1	Is this a new well drilled for injection?		Yes No			
	If no, for what purpose was the well originally d	rilled?	PRODUCER - OIL			
2	Name of the Injection Formation:	AVALON				
3	Name of Field or Pool (if applicable):	BONE SPRINGS				
4	Has the well ever been perforated in any other a intervals and give plugging detail, i.e. sacks of ce		rforated			
	N/A					
5 Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area:						
	OVERLYING: BRUSHY CANYON	UNDERLYING:	FIRST BONE SPRING			

SLIDE 1 SD EA 18 FEDERAL P6 5H

Operator: CHEVRON U S A INC



*Note - Diagram not to scale

SLIDE 2	SD EA 18 FEDE	RAL P6 5H				
	Tubing Size:	2 7/8"	Lining Material:	UNLINED		
	Type of Packer:	BAKER HORNET 2 3/8"				
Pack	er Setting Depth:	8747' MD / 8726' TVD				
		Other Type of Tubing/Casing Seal (if applicable):	N/A			
			Additional Data			
			Additional Data	\frown		
	1	Is this a new well drilled for injection?		Yes No		
		If no, for what purpose was the well originally drilled?		PRODUCER - OIL		
	2	Name of the Injection Formation:	AVALON			
	3	Name of Field or Pool (if applicable):	BONE SPRINGS			
	4	Has the well ever been perforated in any other zone(s)? intervals and give plugging detail, i.e. sacks of cement or				
		N/A				
5 Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area:						
		OVERLYING: BRUSHY CANYON	UNDERLYING:	FIRST BONE SPRING		

SLIDE 1 SD EA 18 FEDERAL P6 6H

Operator: CHEVRON U S A INC



SLIDE 2 SD EA 18 FEDE	ERAL P6 6H					
Tubing Size:	2 7/8"	Lining Material:	UNLINED			
Type of Packer	: BAKER HORNET 4 1/2" x 3.347"	-				
Packer Setting Depth	: <u>8698' MD / 8696' TVD</u>	-				
	Other Type of Tubing/Casing Seal (if applicable)	: <u>N/A</u>				
		Additional Data				
1	Is this a new well drilled for injection?		Yes No			
	If no, for what purpose was the well originally drilled?		PRODUCER - OIL			
2	Name of the Injection Formation:	AVALON				
3	Name of Field or Pool (if applicable):	BONE SPRINGS				
4	Has the well ever been perforated in any other zone(s)? I intervals and give plugging detail, i.e. sacks of cement or					
	N/A					
5	5 Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area:					
	OVERLYING: BRUSHY CANYON	UNDERLYING:	FIRST BONE SPRING			

SLIDE 1 SALADO DRAW 19 26 33 FED COM 2H

Operator: CHEVRON U S A INC



*Note - Diagram not to scale

SLIDE 2 SALADO DRAW 19 26 33 FED COM 2H

Tubing Size: 27/8"

Lining Material: UNLINED

Type of Packer: BAKER HORNET 4 1/2" x 2.310"

Packer Setting Depth: 8622' MD / 8621' TVD

Other Type of Tubing/Casing Seal (if applicable): N/A

		Additional Data	<u>a</u>					
1	Is this a new well drilled for injection?	-		Yes				
	If no, for what purpose was the well originally drilled?		<u> </u>	PRODUCER - OIL				
2	Name of the Injection Formation:	AVALON						
3	Name of Field or Pool (if applicable):	BONE SPRING	S					
4	Has the well ever been perforated in any other zone(s)?	List all such per	rforated					
	intervals and give plugging detail, i.e. sacks of cement or	r plugs used.						
	N/A							
5	Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area:							
	OVERLYING: BRUSHY CANYON	U	NDERLYING:	FIRST BONE SPRING				

SLIDE 1 SALADO DRAW 19 26 33 FEDERAL 3H

Operator: CHEVRON U S A INC



*Note - Diagram not to scale

SLIDE 2	SALADO DRAW	19 26 33 FEDERAL 3H		
	Tubing Size:	2 7/8"	Lining Materia	I: UNLINED
	Type of Packer:	HALLIBURTON 4.6" x 2.360"	-	
	Packer Setting Depth:	8642' MD / 8619' TVD	-	
		Other Type of Tubing/Casing Seal (if applicable):	: N/A	
			Additional Data	
	1	Is this a new well drilled for injection?		Yes No
		If no, for what purpose was the well originally drilled?		PRODUCER - OIL
	2	Name of the Injection Formation:	AVALON	
	3	Name of Field or Pool (if applicable):	BONE SPRINGS	
	4	Has the well ever been perforated in any other zone(s)? intervals and give plugging detail, i.e. sacks of cement or		
		N/A		
	5	Give the name and depths of any oil or gas zones underly injection zone in this area:	ying or overlying the propo	osed
		OVERLYING: BRUSHY CANYON	UNDERLYING	6: FIRST BONE SPRING

SLIDE 1 SALADO DRAW 19 26 33 FEDERAL 4H

Operator: CHEVRON U S A INC



*Note - Diagram not to scale

SLIDE 2	SALADO DRA	W 19 26 33 FEDERAL 4H		
	Tubing Size:	2 7/8"	Lining Material:	UNLINED
	Type of Packer:	HALLIBURTON 4.6" x 2.360"	-	
	Packer Setting Depth:	8575' MD / 8562' TVD	-	
		Other Type of Tubing/Casing Seal (if applicable):	N/A	
			Additional Data	
	1	Is this a new well drilled for injection?		Yes
		If no, for what purpose was the well originally drilled?		PRODUCER - OIL
	2	Name of the Injection Formation:	AVALON	
	3	Name of Field or Pool (if applicable):	BONE SPRINGS	
	4	Has the well ever been perforated in any other zone(s)? I intervals and give plugging detail, i.e. sacks of cement or		
		N/A		
	5	Give the name and depths of any oil or gas zones underly injection zone in this area:	ying or overlying the proposed	I
		OVERLYING: BRUSHY CANYON	UNDERLYING:	FIRST BONE SPRING

SLIDE 1 SD EA 19 FEDERAL P 6 #005H

Operator: CHEVRON U S A INC



SLIDE 2	SD EA 19 FI	EDERAL P 6 #005H								
	Tubing Size:	2 7/8"	Lining Material:	ing Material: UNLINED						
	Type of Packer:	PEAK COMPLETIONS 4.6" x 2.441"	-							
	Packer Setting Depth:	9059' MD / 9002' TVD	-							
		Other Type of Tubing/Casing Seal (if applicable)	N/A							
			Additional Data							
	1	Is this a new well drilled for injection?		Yes No						
		If no, for what purpose was the well originally drilled?		PRODUCER - OIL						
	2	Name of the Injection Formation:	AVALON							
	3	Name of Field or Pool (if applicable):	BONE SPRINGS							
	4	Has the well ever been perforated in any other zone(s)? intervals and give plugging detail, i.e. sacks of cement or								
		N/A								
	5	Give the name and depths of any oil or gas zones underly injection zone in this area:	ving or overlying the propos	ed						
		OVERLYING: BRUSHY CANYON	UNDERLYING	FIRST BONE SPRING						

SLIDE 1 SD EA 19 FEDERAL P6 6H

Operator: CHEVRON U S A INC



SLIDE 2	SD EA 19 FEDERAL F	P6 6H		
	Tubing Size:	2 7/8"	Lining Materia	I: UNLINED
	Type of Packer:	BAKER HORNET 4 1/2" x 2.370"	-	
	Packer Setting Depth:	8656' MD / 8653' TVD	-	
		Other Type of Tubing/Casing Seal (if applicable)	: <u>N/A</u>	
			Additional Data	
			Additional Data	
	1	Is this a new well drilled for injection?		Yes No
		If no, for what purpose was the well originally drilled?		PRODUCER - OIL
	2	Name of the Injection Formation:	AVALON	
	3	Name of Field or Pool (if applicable):	BONE SPRINGS	
	4	Has the well ever been perforated in any other zone(s)? L intervals and give plugging detail, i.e. sacks of cement or		
		N/A		
	5	Give the name and depths of any oil or gas zones underly injection zone in this area:	ing or overlying the propo	osed
		OVERLYING: BRUSHY CANYON	UNDERLYING	G: FIRST BONE SPRING

SLIDE 1 SD EA 19 FEDERAL P6 7H

Operator: CHEVRON U S A INC



SLIDE 2	SD EA 19 FED	ERAL P6 7H		
	Tubing Size:	2 7/8"	Lining Material:	UNLINED
	Type of Packer:	BAKER HORNET 5 1/2" x 2.875"		
	Packer Setting Depth:	8654' MD / 8620' TVD		
		Other Type of Tubing/Casing Seal (if applicable)	N/A	
			Additional Data	
	1	Is this a new well drilled for injection?		Yes
		If no, for what purpose was the well originally drilled?		PRODUCER - OIL
	2	Name of the Injection Formation:	AVALON	
	3	Name of Field or Pool (if applicable):	BONE SPRINGS	
	4	Has the well ever been perforated in any other zone(s)? intervals and give plugging detail, i.e. sacks of cement or		
		N/A		
	5	Give the name and depths of any oil or gas zones underly injection zone in this area:	ving or overlying the proposed	
		OVERLYING: BRUSHY CANYON	UNDERLYING:	FIRST BONE SPRING

EXHIBIT 5

Max Allowable Surface Pressure (MASP) Table

	Column	1	2	3	4	5	6		7	8		9	10	11	12	13	14	15
	Calculation											(1+6*7)/8						(1+12*13)/(12*14)
		Proposed Max		Max Achievable	Proposed							MASP + Reservoir						MASP + Reservoir Gas Hydrostatic as a
		Allowable Surface	Current Average	Surface Pressure,	Average	Proposed Max	Burst	Burst		Casing		Brine Hydrostatic as a		MASP		Gas Pressure	Formation Parting	percentage of
		Pressure (MASP)	Surface Pressure	Current	Injection Rate	Injection Rate	Calculation	Calculation	Brine Pressure	Burst	Casing	percentage of Casing	Top Perforation	Gradient	Top Perforation	Gradient	Pressure Gradient	Formation Parting
API10	Well Name	(psi)	(psi)	Infrastructure (psi)	(MMscfd)	(MMscfd)	Depth (ft TVD)	Depth (ft MD)	Gradient (psi/ft)	(psi)	Grade	Burst Pressure (%)	Depth (ft TVD)	(psi/ft)	Depth (ft TVD)	(psi/ft)	(psi/ft)	Pressure (%)
3002540802	Porter Brown 001H	1250	995	1250	1.5	2	9188	9639	0.465	8990	23#, L80	61%	9188	0.136	9188	0.2	0.65	52%
3002542659	Salado Draw 18-26-33 FED 001H	1250	880	1250	1.5	2	9125	9661	0.465	12640	20#, P110	43%	9125	0.137	9125	0.2	0.65	52%
3002542278	Salado Draw 18-26-33 FED 003H	1250	760	1250	1.5	2	9201	9448	0.465	10640	17#, P110	52%	9201	0.136	9201	0.2	0.65	52%
3002542279	Salado Draw 18-26-33 FED 004H	1250	760	1250	1.5	2	9221	9441	0.465	10640	17#, P110	52%	9221	0.136	9221	0.2	0.65	52%
3002542795	Salado Draw EA 18 FED P6 005H	1250	885	1250	1.5	2	9258	9619	0.465	12640	20#, P110	44%	9258	0.135	9258	0.2	0.65	52%
3002542796	Salado Draw EA 18 FED P6 006H	1250	700	1250	1.5	2	9168	9395	0.465	12640	20#, P110	44%	9168	0.136	9168	0.2	0.65	52%
3002542661	Salado Draw 19-26-33 FED 001H	1250	960	1250	1.5	2	9116	9420	0.465	12640	20#, P110	43%	9116	0.137	9116	0.2	0.65	52%
3002542662	Salado Draw 19-26-33 FED 002H	1250	940	1250	1.5	2	9144	9554	0.465	12640	20#, P110	44%	9144	0.137	9144	0.2	0.65	52%
3002542280	Salado Draw 19-26-33 FED 003H	1250	935	1250	1.5	2	9229	9602	0.465	10640	17#, P110	52%	9229	0.135	9229	0.2	0.65	52%
3002542281	Salado Draw 19-26-33 FED 004H	1250	865	1250	1.5	2	9190	9491	0.465	10640	17#, P110	52%	9190	0.136	9190	0.2	0.65	52%
3002542797	Salado Draw EA 19 FED P6 005H	1250	980	1250	1.5	2	9189	9425	0.465	12640	20#, P110	44%	9189	0.136	9189	0.2	0.65	52%
3002542798	Salado Draw EA 19 FED P6 006H	1250	965	1250	1.5	2	9188	9490	0.465	12640	20#, P110	44%	9188	0.136	9188	0.2	0.65	52%
3002542799	Salado Draw EA 19 FED P6 007H	1250	915	1250	1.5	2	9217	9710	0.465	12640	20#, P110	44%	9217	0.136	9217	0.2	0.65	52%

Operational Plan

WELLSITE CLGC

Chevron will monitor the following items on each Closed Loop Gas Capture (CLGC) well via SCADA system:

- Injection flowrate and volume
 - o Instantaneous rate
 - Total injection volume by day
- Tubing pressure
- Casing pressure
- Bradenhead pressures
- Safety devices
 - Pressure kills have an automated kill sequence that is initiated by SCADA system readings.
 - Injection pressure kills on production stream for injection.
 - Relief Valves for both production and gas storage/injection streams to prevent overpressure (not monitored via SCADA other than pressure trend).
 - Control of injection rate and pressures via control valve at each well injection stream.
 - Control of production stream via automated choke valves to ensure controlled production and prevent over pressurization of flowline.

CENTRAL TANK BATTERY (CTB)

Chevron will monitor the following items at CTB 19 via SCADA system:

- Production rates (oil, gas & water)
- Safety devices
 - o Flares at the CTB.
 - Injection pressure kills on production/gas storage stream of injection.
 - Emergency shutdown (ESD) of wells that are local and remote for automatic shut downs to save the system.
 - Control of injection rate and pressures via control valve at each well injection stream.

GAS COMPRESSOR STATION (CS)

Chevron will monitor the following items at CS 19 via SCADA system:

- Safety devices
 - Discharge/injection pressure kills of each compressor and for the station.
 - Relief Valves on 3rd stage of compressors, to prevent over pressurization (not monitored via SCADA other than pressure trend).

 Station recycle valves (that recycle discharge pressure back to suction) if the pressure is getting too high for the compressor or station. (Not all control valves are capable of 50remote monitoring of valve position; but still monitored in some sense of the pressure trend for the station).

SUPERVISORY CONTROL AND DATA ACQUISITION (SCADA)

Chevron SCADA system consists of PLCs at each CTB, wellsite, and gas lift compressor station.

- The Programmable Logic Controller (PLCs) will take action immediately (within seconds or minutes) as programmed to automatically safe the system as required; for the system and certain device shut down(s).
- The High Alarms and High-High Alarms will be logged and registered in the SCADA system. Also the call center will take the High Alarm and make the physical phone call notification to the production techs to acknowledge the alarm & take action.

ENVIRONMENTAL/SPILL RESPONSE

Chevron will report and track any spill recordable and non-recordable.

- Any spill or gas release will be reported by operations calling in to our Call Center to make the report of spill/release. The fluid type and release amount will be disclosed along with location details; and if it's a recordable or non-recordable spill.
- Liquids will be contained and isolated and vacuum trucks will be called in to recover the liquid and will also report the amount of liquid recovered.
 - Additional reclamation will be coordinated to ensure proper recovery of contaminated soil and liquid.

19946995_v1

EXHIBIT 7

Salado Draw Gas RE-Injection MITs

Page 68 of 195



EXHIBIT 7 Porter Brown



Released to Imaging:/11/30/2022/8:16:56 AM

Page 69 6 f 195

.

EXHIBIT 7 Pad 1 (18-3, 18-4, 19-3 & 19-4)



To be completed at a later date



Released to Imaging:/10/30/2022/8:16:56 AM

Page 70% 195



3

EXHIBIT 7 Pad 3 (18-1, 19-1 & 19-2)





EXHIBIT 7 Pad 6 (18-5, 18-6, 19-5, 19-6 & 19-7)

To be completed at a later date

To be completed at a later date



To be completed at a later date



Page 72% f195


Mechanical Integrity Test (MIT) Summary Table

			Initial Surface	Ending Surface		
API10	Well Name	Date			Time	Notes
3002540802	Porter Brown 001H	9/15/2022	1520	1470	60 mins	Completed
3002542659	Salado Draw 18-26-33 FED 001H	9/8/2022	1500	1400	60 mins	Pad 3, Completed
3002542278	Salado Draw 18-26-33 FED 003H	9/12/2022	1530	1400	60 mins	Pad 1, Completed
3002542279	Salado Draw 18-26-33 FED 004H	9/14/2022	1500	1450	60 mins	Pad 1, Completed
3002542795	Salado Draw EA 18 FED P6 005H					Needs further diagnostics
3002542796	Salado Draw EA 18 FED P6 006H					Needs further diagnostics
3002542661	Salado Draw 19-26-33 FED 001H	9/8/2022	1500	1450	60 mins	Pad 3, Completed
3002542662	Salado Draw 19-26-33 FED 002H	9/9/2022	1500	1440	60 mins	Pad 3, Completed
3002542280	Salado Draw 19-26-33 FED 003H					Needs further diagnostics
3002542281	Salado Draw 19-26-33 FED 004H	9/14/2022	1500	1460	60 mins	Pad 1, Completed
3002542797	Salado Draw EA 19 FED P6 005H	9/12/2022	1560	1550	60 mins	Pad 6, Completed
3002542798	Salado Draw EA 19 FED P6 006H					Needs further diagnostics
3002542799	Salado Draw EA 19 FED P6 007H	9/19/2022	1500	1450	60 mins	Needs further diagnostics

Page	7410	6195

Collection Point	Well Completion	API14
KIEHNE RANCH 15-26-32 USA 1H	K 15-26-32 USA 1H	30025406020001
SALADO DRAW 19 CTB	PORTER BROWN #1	30025408020001
SALADO DRAW 19 CTB	SALADO DRAW 18-1	30025426590001
SALADO DRAW 19 CTB	SALADO DRAW 18-10	30025441300001
SALADO DRAW 19 CTB	SALADO DRAW 18-11	30025441310001
SALADO DRAW 19 CTB	SALADO DRAW 18-12	30025441320001
SALADO DRAW 19 CTB	SALADO DRAW 18-13	30025441330001
SALADO DRAW 19 CTB	SALADO DRAW 18-14	30025441390001
SALADO DRAW 19 CTB	SALADO DRAW 18-15	30025441340001
SALADO DRAW 19 CTB	SALADO DRAW 18-16	30025440880001
SALADO DRAW 19 CTB	SALADO DRAW 18-17	30025440890001
SALADO DRAW 19 CTB	SALADO DRAW 18-18	30025440900001
SALADO DRAW 19 CTB	SALADO DRAW 18-19	30025441670001
SALADO DRAW 19 CTB	SALADO DRAW 18-2	30025426600001
SALADO DRAW 19 CTB	SALADO DRAW 18-20	30025440910001
SALADO DRAW 19 CTB	SALADO DRAW 18-3	30025422780001
SALADO DRAW 19 CTB	SALADO DRAW 18-4	30025422790001
SALADO DRAW 19 CTB	SALADO DRAW 18-5	30025427950001
SALADO DRAW 19 CTB	SALADO DRAW 18-6	30025427960001
SALADO DRAW 19 CTB	SALADO DRAW 18-8	30025441130001
SALADO DRAW 19 CTB	SALADO DRAW 18-9	30025441290001
SALADO DRAW 19 CTB	SALADO DRAW 19-1	30025426610001
SALADO DRAW 19 CTB	SALADO DRAW 19-2	30025426620001
SALADO DRAW 19 CTB	SALADO DRAW 19-3	30025422800001
SALADO DRAW 19 CTB	SALADO DRAW 19-4	30025422810001
SALADO DRAW 19 CTB	SALADO DRAW 19-5	30025427970001
SALADO DRAW 19 CTB	SALADO DRAW 19-6	30025427980001
SALADO DRAW 19 CTB	SALADO DRAW 19-7	30025427990001
SALADO DRAW 23 CTB	SALADO DRAW P418 10H	30025467290001
SALADO DRAW 23 CTB	SALADO DRAW P418 8H	30025467260001
SALADO DRAW 23 CTB	SALADO DRAW P418 9H	30025467280001
SALADO DRAW 23 CTB	SALADO DRAW P419 11H	30025467300001
SALADO DRAW 23 CTB	SALADO DRAW P419 12H	30025467310001
SALADO DRAW 23 CTB	SALADO DRAW P419 13H	30025456810001
SALADO DRAW 23 CTB	SALADO DRAW P419 14H	30025467320001
SALADO DRAW 23 CTB	SD 14 23 FED P18 10H	30025458190001
SALADO DRAW 23 CTB	SD 14 23 FED P18 11H	30025458200001
SALADO DRAW 23 CTB	SD 14 23 FED P18 12H	30025458210001
SALADO DRAW 23 CTB	SD 14 23 FED P18 9H	30025458670001
SALADO DRAW 23 CTB	SD 14 23 FED P19 17H	30025457060001
SALADO DRAW 23 CTB	SD 14 23 FED P19 18H	30025458250001
SALADO DRAW 23 CTB	SD 14 23 FED P19 19H	30025457070001
SALADO DRAW 23 CTB	SD 14 23 FED P19 20H	30025458260001
SALADO DRAW 23 CTB	SD WE 14 FED P5 1H	30025428000001
SALADO DRAW 23 CTB	SD WE 14 FED P5 2H	30025428010001
SALADO DRAW 23 CTB	SD WE 14 FED P7 3H	30025430860001

	20025420070004
-	30025430870001
	30025436130001
	30025435940001
	30025435950001
	30025436400001
	30025436410001
SD WE 15 FED P9 7H	30025436420001
SD WE 23 FED P25 5H	30025434600001
SD WE 23 FED P25 6H	30025434610001
SD WE 23 FED P25 7H	30025434620001
SD WE 23 FED P5 1H	30025428020001
SD WE 23 FED P5 2H	30025428030001
SD WE 23 FED P7 #3H	30025430880001
SD WE 23 FED P7 #4H	30025430890001
SD WE 24 FED P23 1H	30025433180001
SD WE 24 FED P23 2H	30025432960001
SD WE 24 FED P23 3H	30025432970001
SD WE 24 FED P23 4H	30025432980001
SD WE 24 FED P24 5H	30025436740001
SD WE 24 FED P24 6H	30025436730001
SD WE 24 FED P24 7H	30025436750001
SALADO DRAW 29-1	30025426290001
SALADO DRAW 29-10	30025432690001
SALADO DRAW 29-11	30025432700001
SALADO DRAW 29-12	30025432710001
SALADO DRAW 29-13H	30025443330001
SALADO DRAW 29-14H	30025443340001
SALADO DRAW 29-15H	30025443350001
SALADO DRAW 29-16H	30025443360001
SALADO DRAW 29-17H	30025444850001
SALADO DRAW 29-18H	30025444860001
SALADO DRAW 29-19H	30025444870001
SALADO DRAW 29-2	30025426370001
SALADO DRAW 29-20H	30025444880001
SALADO DRAW 29-3	30025426380001
SALADO DRAW 29-4	30025426390001
SALADO DRAW 29-5	30025424400001
SALADO DRAW 29-6	30025424410001
SALADO DRAW 29-7	30025424420001
SALADO DRAW 29-8	30025424430001
SALADO DRAW 29-8 SALADO DRAW 29-9	30025424430001 30025432680001
	SD WE 23 FED P25 6H SD WE 23 FED P25 7H SD WE 23 FED P5 1H SD WE 23 FED P5 2H SD WE 23 FED P7 #3H SD WE 23 FED P7 #4H SD WE 24 FED P23 1H SD WE 24 FED P23 2H SD WE 24 FED P23 3H SD WE 24 FED P23 4H SD WE 24 FED P24 5H SD WE 24 FED P24 6H SD WE 24 FED P24 7H SALADO DRAW 29-10 SALADO DRAW 29-10 SALADO DRAW 29-11 SALADO DRAW 29-12 SALADO DRAW 29-13H SALADO DRAW 29-13H SALADO DRAW 29-15H SALADO DRAW 29-16H SALADO DRAW 29-17H SALADO DRAW 29-17H SALADO DRAW 29-18H SALADO DRAW 29-19H SALADO DRAW 29-2 SALADO DRAW 29-2 SALADO DRAW 29-2 SALADO DRAW 29-3 SALADO DRAW 29-3 SALADO DRAW 29-4 SALADO DRAW 29-5 SALADO DRAW 29-6

EXHIBIT 10

Gas Analysis Summary

- All the Salado Draw gas system sells gas to DBM.
 - All producing wells flow to 4 CTBs.
 - CTB 19, CTB 23, CTB 24 & CTB 29.
 - Gas flows into the low-pressure gas pipeline to the CTB 19 Compressor Station (CS).
- Gas analysis is provided for:
 - Salado Draw Check Meter Analysis at CTB 19, 23 & 24
 - Salado Draw Train Allocation Meters for CTB 19, 23 & 29

Corrosion Prevention Plan

Existing Corrosion Prevention Plan

- Produced gas is processed through a gas dehydration unit to remove water.
- Corrosion inhibitor is added to the system downstream of the gas dehydration unit.
- Fluid samples are taken regularly and checked for Fe, Mn, and residual corrosion inhibitor in produced fluids.
- Continuously monitor and adjust the chemical treatment over the life of the wells.
- Current monitoring program includes:
 - Corrosion couples monthly
 - Bacteria counts SRB / APB monthly
 - Millipores at SWDs and CTBs monthly
 - Oxygen checks at SWDs and CTBs monthly
 - Scale inhibitor residuals monthly
 - Complete water analysis at SWDs and CTBs monthly
 - Oil and grease to predict potential paraffin threats annually

Chevron will continue the existing corrosion prevention plan in place for the gas lift system due to the similar nature of gas storage operations.

- Fluid samples will be taken prior to injection to establish a baseline analysis.
- After a storage event, fluid samples will be taken to check for Fe, Mn, and residual corrosion inhibitor in the produced fluids.
- Continuously monitor and adjust the chemical treatment over the life of the project.

Received by OCD: 11/29/2022)4559:17PPM

EXHIBIT 11

Page 7740f 195

	Ratural Gas Analysis	575.3	www.permia 397.3713 2609 W Mar	nns.com nand Hobbs NM 88240			Analysis Re	
9783G			3300250021 Sample Point Name			Salado 19 DBM Chk 1		
Sample Point Code						Sample Poir	nt Location	
Laboratory	Services	20220542	213	1512		M Anderson - S	Spot	
Source Lab	oratory	Lab File N	No	Container Identity		Sampler		
USA		USA		USA		New Mexico		
District		Area Name		Field Name		Facility Name		
May 6, 2022	08:00	May 6,	2022 08:00	May 16	5, 2022 10:15	May	17, 2022	
Date Sampl	ed	Date	Effective	Da	te Received	Date	e Reported	
57.00		System Admir	nistrator	102 @ 98				
Ambient Temp (°F)	Flow Rate (Mcf)	Analyst		Press PSI @ Temp °F Source Conditions				
Chevron Usa	a, Inc.					NG		
Operato	r				l	ab Source Descript	ion	
Component	Normalized Mol %	Un-Normalized Mol %	GPM	Grc 14.696 PSI @	ss Heating Valu	• • •	t ³) @ 60.00 °F	
H2S (H2S)	0.0000	0		Dry	Saturated	Dry	Saturated	
Nitrogen (N2)	2.1520	2.152		1,527.4	1,502.3	1,530.9	1,505.8	
CO2 (CO2)	0.1890	0.189			Alculated Total S PA2145-16 *Calculated			
Methane (C1)	65.4260	65.426		Relative Der			ensity Ideal	
	13.3950	13.395	3.5810	0.91 Molecular		0.9	9096	
Ethane (C2)	8.5300	8.53	2.3490	26.3				
Propane (C3)	1.3000	1.3	0.4250	4 [C6+ Group	Properties		
I-Butane (IC4)				┥│	Assumed Co			
N-Butane (NC4)	3.6630	3.663	1.1550	C6 - 60.000%			8 - 10.000%	
I-Pentane (IC5)	1.0330	1.033	0.3780	4	Field			
N-Pentane (NC5)	1.3120	1.312	0.4750	4				
Hexanes Plus (C6+)	3.0000	3.0	1.3010	PROTREND STATUS:		DATA SO	URCE:	
TOTAL	100.0000	100.0000	9.6640	Passed By Validato	r on May 18, 20			
(s): Gas C6+ - GPA 2261, Exte	nded Gas - GPA 2286, Calcula	tions - GPA 2172		PASSED BY VALIDAT Close enough to be		sonable.		
	Analyzer Informa	tion		VALIDATOR:				

Luis Cano

VALIDATOR COMMENTS:

ok

Device Type:

Device Model:

Gas Chromatograph

GC-2014

Device Make:

Last Cal Date:

Shimadzu

Apr 18, 2022

	www.permianls.com The true is a Analysis				Page C6+ Gas Analysis			
9621G		230025019	91		Salado 19	T1 2 Phase		
Sample Point Code			Sample Point Na			Sample Po	int Location	
Laboratory S	Services	2022054	214	0969		M Anderson -	Spot	
Source Labo		Lab File N		Container Identity		Sampler	5000	
USA		USA		USA		New Mexico	n	
District		Area Name		Field Name		Facility Name		
May 5, 2022	11:30	May 5,	2022 11:30	May 16	5, 2022 10:18	May	y 17, 2022	
Date Sample			e Effective		te Received		te Reported	
68.00		System Admir	nistrator	104 @ 88				
Ambient Temp (°F)	Flow Rate (Mcf)	Analyst	:	Press PSI @ Temp °F				
				Source Conditions				
Chevron Usa	a, Inc.					NG		
Operator					L	ab Source Descrip	otion	
Component		Un-Normalized GPM		Gross Heating \		Values (Real, BTU/ft ³)		
Component	Mol %	Mol %	Grin	14.696 PSI @			[@ 60.00 °F	
H2S (H2S)	0.0010	0.001		Dry 1,383.5	Saturated 1,360.9	Dry 1,386.7	Saturated 1,364.0000	
Nitrogen (N2)	2.3020	2.302			alculated Total Sa			
CO2 (CO2)	0.7520	0.752			PA2145-16 *Calculated	· ·		
Methane (C1)	68.9250	68.927		Relative De			Density Ideal	
Ethane (C2)	13.4700	13.47	3.6010	0.83 Molecular		0.	.8276	
Propane (C3)	8.1030	8.103	2.2320	23.9	699			
I-Butane (IC4)	1.1170	1.117	0.3650		C6+ Group	Properties		
N-Butane (NC4)	2.9120	2.912	0.9180	C6 - 60.000%	Assumed Co 6 C7 - 30.0		C8 - 10.000%	
I-Pentane (IC5)	0.6350	0.635	0.2320		6 C7 - 30.0		10.00070	
N-Pentane (NC5)	0.7050	0.705	0.2550		12 P			
		1.078	0.4680					
Hexanes Plus (C6+)	1.0780			PROTREND STATUS:		DATA SO		
TOTAL	100.0000	100.0020	8.0710	Passed By Validato		22 Importe	cu	
ood(s): Gas C6+ - GPA 2261, Exter	naea Gas - GPA 2286, Calcula	itions - GPA 2172		Close enough to b		sonable.		
	Analyzer Informa			VALIDATOR: Luis Cano				
vice Type: Gas Chrom	atograph Device	e Make: Shimadz	u	VALIDATOR COMME	NTC			

WWW.perm Decural Gas Analysis 575.397.3713 2609 W M			ianls.com arland Hobbs NM 88240		C6+ Gas Analysis Rep			
9369G		230025019	92		Salado 19 T2 2 phase			
Sample Point Code			Sample Point N	lame		Sample Poi	nt Location	
		20220542	212	2000		M Anderson (
Laboratory S Source Labo		20220542 Lab File N		2066 Container Identity		M Anderson - S Sampler	spot	
	latery							
District		USA Area Name		USA Field Name		New Mexico Facility Name		
May 5, 2022 1	2.00		2022 12:00		6, 2022 10:12		17 2022	
Date Sample			Effective		ate Received		17, 2022 e Reported	
71.00		System Admir	histrator	103 @ 100			·	
Ambient Temp (°F)	Flow Rate (Mcf)	Analyst		Press PSI @ Temp °F Source Conditions				
Chevron Usa	, Inc.					NG		
Operator					l	ab Source Descrip	tion	
Normalized		Un-Normalized GPM		Gr	oss Heating Valu	/alues (Real, BTU/ft ³)		
Component	Mol %	Mol %	Griff	14.696 PSI (@ 60.00 °F	
H2S (H2S)	0.0000	0		Dry 1,442.1	Saturated 1,418.5	Dry 1,445.4	Saturated 1,421.8	
Nitrogen (N2)	0.8240	0.824			alculated Total S			
CO2 (CO2)	0.1430	0.143			GPA2145-16 *Calculated			
Methane (C1)	67.5720	67.572		Relative De	ensity Real 435			
Ethane (C2)	15.7950	15.795	4.2230	U.o Molecula		0.0	3396	
Propane (C3)	9.2100	9.21	2.5370	24.3	3149			
I-Butane (IC4)	1.1120	1.112	0.3640		C6+ Group	-		
N-Butane (NC4)	2.8150	2.815	0.8870	C6 - 60.000	Assumed Co C7 - 30.	•	8 - 10.000%	
I-Pentane (IC5)	0.5780	0.578	0.2110		Field			
N-Pentane (NC5)	0.7000	0.7	0.2540		.5 P	PM		
Hexanes Plus (C6+)	1.2510	1.251	0.5430	┥└───				
TOTAL	100.0000	100.0000	9.0190	PROTREND STATUS Passed By Validate		22 Importe		
od(s): Gas C6+ - GPA 2261, Exten	ded Gas - GPA 2286, Calcula	ations - GPA 2172		PASSED BY VALIDA		conchic		
	Analyzer Informa	ation		Close enough to b	e considered rea	sonable.		
vice Type: Gas Chroma		e Make: Shimadzi	u	Luis Cano VALIDATOR COMME				

eived by OCD: 11/29/2		575.3	www.permi 397.3713 2609 W Ma	anls.com rland Hobbs NM 88240	Extended Gas	Page 80 of Analysis Repor		
10984G			230025024	4	Salado	Salado 23 T1 2ph		
Sample Point Code			Sample Point Na			pint Location		
Laboratory S	ervices	20220503	311	1763	T. Henley - S	Spot		
Source Labor		Lab File N		Container Identity	Sampler			
USA		USA		USA	New Mexic	0		
District		Area Name		Field Name	Facility Name			
Jan 5, 2022 12	2:10	Jan 5, 1	2022 12:10	Jan 12, 202	22 10:00 Jai	ו 12, 2022		
Date Sampled		Date	e Effective	Date Rec	ceived Da	te Reported		
61.00	1,019.00	BH		135 @ 77	_			
Ambient Temp (°F)	Flow Rate (Mcf)	Analyst		Press PSI @ Temp °F Source Conditions	-			
Chevron Usa,	Inc.				NG			
Operator					Lab Source Descri	ption		
Component	Normalized Mol %	Un-Normalized Mol %	GPM	Gross H 14.696 PSI @ 60.00	leating Values (Real, BTU, °F 14.73 PS	/ft³) I @ 60.00 °F		
Nitrogen (N2)	1.3950	1.373772		Dry 1,244.2	Dry 1,252.1	Saturated 1,230.8		
Carbon Dioxide (CO2)	4.7650	4.691073			ated Total Sample Propert			
Hydrogen Sulfide (H2S)	0.0004	0.0004			5-16 *Calculated at Contract Condition			
Methane (C1)	72.5076	71.389023		Relative Density Re		Density Ideal		
Ethane (C2)	10.6640	10.498842	2.8510	0.7996 Molecular Weigh		.7967		
Propane (C3)	6.0160	5.92287	1.6570	23.0740				
IsoButane (IC4)	0.8180	0.805381	0.2680	-	C6+ Group Properties			
n-Butane (NC4)	2.0530	2.021662	0.6470	C6 - 51.119%	Assumed Composition C7 - 32.995%	C8 - 15.886%		
IsoPentane (IC5)	0.4990	0.490822	0.1820		Field H2S			
n-Pentane (NC5)	0.5520	0.543626	0.2000	1	4 PPM			
Hexanes (C6's)	0.7300	0.73	0.3010					
TOTAL	100.0000	98.4675	6.1060	PROTREND STATUS: Passed By Validator on		ource: ed		
ethod(s): Gas C6+ - GPA 2261, Extend	ed Gas - GPA 2286, Calcula	tions - GPA 2172		PASSED BY VALIDATOR R Close enough to be cor				
	Analyzer Informa	tion		VALIDATOR:				
Device Type: Device Model:		e Make: al Date:		Dustin Armstrong VALIDATOR COMMENTS: OK				

MALE OF A TOPRY SERVICE



Sample Point Code - Name @ Location

10984G - 2300250244 - Salado 23 T1 2ph

Page 81% 195
Extended Gas Analysis Report

Operator

Chevron Usa, Inc.

Component	Normalized Mol %	Un-Normalized Mol %	GPM
Nitrogen (N2)	1.3950	1.37377	
Carbon Dioxide (CO2)	4.7650	4.69107	
Hydrogen Sulfide (H2S)	0.0004	0.0004	
Methane (C1)	72.5076	71.389	
Ethane (C2)	10.6640	10.4988	2.8510
Propane (C3)	6.0160	5.92287	1.6570
IsoButane (IC4)	0.8180	0.805381	0.2680
n-Butane (NC4)	2.0530	2.02166	0.6470
IsoPentane (IC5)	0.4990	0.490822	0.1820
n-Pentane (NC5)	0.5520	0.543626	0.2000
Hexanes (C6's)	0.3730	0.373	0.1520
Heptanes (C7's)	0.2210	0.221	0.0880
Octanes (C8's)	0.0680	0.068	0.0330
Nonanes (C9's)	0.0110	0.011	0.0070
Decanes (C10's)	0.0040	0.004	0.0020
Undecanes (C11's)	0.0090	0.009	0.0040
Dodecanes (C12's)	0.0020	0.002	0.0020

BTEX			
Component	Normalized Mol %	Un-Normalized Mol %	GPM
Benzene	0.0200	0.02	0.0060
Toluene	0.0170	0.017	0.0060
EthylBenzene	0.0010	0.001	0.0000
M+P Xylene	0.0030	0.003	0.0010
O Xylene	0.0010	0.001	0.0000

.

rived by OCD: 11/297		www.permianls.com 575.397.3713 2609 W Marland Hobbs NM 88240			240	Pa C6+ Gas Analys			
10984G			230025024	4			Salado 23 T1 2ph		
Sample Point Code			Sample Point N					pint Location	
Laboratory	Sonvicos	2022054	208	1546			M Anderson -	Spot	
Source Lab		2022034		Container Iden	ntity		Sampler	Spor	
					icity				
District		USA Area Name		USA Field Name			New Mexic Facility Nam		
	12.00		2022 12.00	neiu name	May 16	2022 10.02			
May 6, 2022 Date Samp			2022 12:00			, 2022 10:02 e Received		y 17, 2022 ate Reported	
			Elicente	100					
87.00	Flow Rate (Mcf)	Luis		109 (Press PSI @	-				
Amblent remp (1)	now rate (ner)		L	Source C	•				
Chevron Us	a, Inc.						NG		
Operato					-		Lab Source Descr	ption	
Component Normalized		Un-Normalized	CDM		Gross Heating			/ft³)	
Component	Mol %	Mol %	GPM		14.696 PSI @	-	-	I @ 60.00 °F	
H2S (H2S)	0.0010	0.001		Di 1,216		Saturated 1,196.2	Dry 1,218.8	Saturated 1,199.0000	
Nitrogen (N2)	3.8900	3.89029		1,210		Iculated Total S			
CO2 (CO2)	5.9470	5.94699				A2145-16 *Calculate			
Methane (C1)	69.2690	69.2709		-	Relative Dens			Density Ideal	
Ethane (C2)	10.1010	10.10094	2.7010		0.824 Molecular V		C	.8211	
	5.8540	5.85432	1.6120		23.77	89			
Propane (C3)				-		C6+ Group	Properties		
I-Butane (IC4)	0.8110	0.81053	0.2650	-		Assumed C			
N-Butane (NC4)	2.0710	2.07058	0.6530	C6 -	60.000%			C8 - 10.000%	
I-Pentane (IC5)	0.5560	0.5556	0.2030				H2S PM		
N-Pentane (NC5)	0.6350	0.63529	0.2300			01	1 14		
Hexanes Plus (C6+)	0.8650	0.86456	0.3750	PROTRENI	STATUS:		DATA S	OURCE:	
TOTAL	100.0000	100.0010	6.0390			on May 18, 20			
hod(s): Gas C6+ - GPA 2261, Exte	ended Gas - GPA 2286, Calcula	ations - GPA 2172				DR REASON: considered rea	asonable.		
	Analyzer Informa	ation		VALIDATO	R:				
evice Type: Gas Chron	•	e Make: Shimadz	u	Luis Cano					
evice Model: GC-2014	Last C	al Date: Apr 18, 2	2022	VALIDATO	R COMMEN	TS:			

wed by OCD: 11/29/20.		575.	www.perm 397.3713 2609 W M	ianls.com arland Hobbs NM 88240)	C6+ (Page 83 Gas Analysis Rep
10985G			23002502	Sala	Salado 23 T3 2ph		
Sample Point Code			Sample Point N			Sam	ble Point Location
Laboratory Sei Source Laborat		2022054		1214 Container Identit		M Anders	•
	ory		NO		-y	Samp	
USA		USA		USA		New M	
		Area Name		Field Name		Facility	
May 6, 2022 10	30		2022 10:30		May 16, 2022 10		
Date Sampled			e Effective		Date Received		Date Reported
81.00		Torrand		122 @			
Ambient Temp (°F)	Flow Rate (Mcf)	Analyst	:	Press PSI @ Source Con			
Chevron Usa, I	nc.					NG	ì
Operator						Lab Source D	escription
Component	Normalized	Un-Normalized	GPM		-	g Values (Real, I	-
	Mol %	Mol %		14. Dry	.696 PSI @ 60.00 °F Saturated		73 PSI @ 60.00 °F Saturated
H2S (H2S)	0.0000	0		1,183			
Nitrogen (N2)	1.6340	1.63383			Calculated T	otal Sample Pro	perties
CO2 (CO2)	6.6540	6.65427			GPA2145-16 *Ca	alculated at Contract Co	onditions
Methane (C1)	73.0240	73.02282		R	elative Density Real 0.7900	Re	lative Density Ideal 0.7873
Ethane (C2)	9.8060	9.80647	2.6220	-	Molecular Weight		0.7875
Propane (C3)	5.2500	5.24965	1.4460		22.8066		
I-Butane (IC4)	0.6680	0.66817	0.2190			Group Properties	5
N-Butane (NC4)	1.5150	1.51519	0.4780	C6 - 6		umed Composition ' - 30.000%	C8 - 10.000%
I-Pentane (IC5)	0.4070	0.40679	0.1490			Field H2S	
N-Pentane (NC5)	0.4350	0.43547	0.1580			1.5 PPM	
Hexanes Plus (C6+)	0.6070	0.60735	0.2630		STATUS:	DA	TA SOURCE:
TOTAL	100.0000	100.0000	5.3350		Validator on May 1		ported
od(s): Gas C6+ - GPA 2261, Extender	d Gas - GPA 2286, Calcula	tions - GPA 2172			ALIDATOR REASON gh to be considere		
	Analyzer Informa	tion		VALIDATOR			
vice Type: Gas Chromato	ograph Device	e Make: Shimadz	u	Luis Cano			
vice Model: GC-2014	Last C	al Date: Apr 18, 2	2022	ok	COMMENTS:		

4867G Sample Point Code					C6+ Gas Analysis Repo		
		3300250027 3300250028				Salado 24 Ck	North/South
		Sample Point Name				Sample Poir	nt Location
Laboratory Se	ervices	2022057	078	1932		R Hernandez - S	Spot
Source Labora		Lab File N		Container Identity		Sampler	
USA		USA		USA		New Mexico	
District		Area Name		Field Name		Facility Name	
Aug 12, 2022 1	0:00	Aug 12,	2022 10:00	Aug 1	5, 2022 11:58	Aug	16, 2022
Date Sampled		Date	e Effective	Da	te Received	Date	e Reported
82.00	3,536.10	System Admir	nistrator	68 @ 88			
Ambient Temp (°F)	Flow Rate (Mcf)	Analyst	:	Press PSI @ Temp °F Source Conditions			
Chevron Usa,	Inc.					NG	
Operator					l	ab Source Descript	ion
Component	Normalized	Un-Normalized	GPM	Gr	oss Heating Valu	es (Real, BTU/f	t³)
component	Mol %	Mol %	UIN	14.696 PSI @			@ 60.00 °F
H2S (H2S)	0.0010	0.001		Dry 1,308.1	Saturated 1,286.6	Dry 1,311.1	Saturated 1,289.6
Nitrogen (N2)	2.9170	2.917			alculated Total S		
CO2 (CO2)	2.2940	2.294				5-16 *Calculated at Contract Conditions	
Methane (C1)	70.4590	70.461		Relative Density Real			ensity Ideal 3107
Ethane (C2)	12.0980	12.098	3.2350	0.8139 Molecular Weight		0.0	5107
Propane (C3)	6.7510	6.751	1.8590	23.4	790		
I-Butane (IC4)	0.8970	0.897	0.2930	11	C6+ Group	-	
N-Butane (NC4)	2.2980	2.298	0.7240	C6 - 60.000%	Assumed Co 6 C7 - 30.		3 - 10.000%
I-Pentane (IC5)	0.5610	0.561	0.2050		Field		
N-Pentane (NC5)	0.6390	0.639	0.2320	11	5 PI	PM	
Hexanes Plus (C6+)	1.0850	1.085	0.4710				
TOTAL	100.0000	100.0020	7.0190	PROTREND STATUS Passed By Validate		DATA SO 22 Importe	
nod(s): Gas C6+ - GPA 2261, Extend	ed Gas - GPA 2286, Calcula	tions - GPA 2172		PASSED BY VALIDAT		sonable.	
vice Type: Gas Chromat	Analyzer Informa tograph Device	tion • Make: Shimadz	u	VALIDATOR: Luis Cano VALIDATOR COMME	NTC		

	Netural Gas Analysis	575.3	397.3713 2609 W M	arland Hobbs NM 8	8240				
7722G			230025022	28			Salado 29 T1 CDP		
Sample Point Code			Sample Point N	ame			Sample Point Location		
Laboratory Se	vices	2022054	1431		Т.	Henley - Spot			
Source Labora		Lab File N	Container Ide	entity		Sampler			
USA		USA		USA		١	lew Mexico		
District		Area Name		Field Name			Facility Name		
May 6, 2022 10	:00	Мау 6,	2022 10:00		May 12, 20	22 06:59	May 10, 2022		
Date Sampled		Date	e Effective		Date Rec	ceived	Date Reported		
74.00 2,036.00		System Admir	nistrator	70	@ 81	_			
Ambient Temp (°F) Flow Rate (Mcf)		Analyst	:		@ Temp °F Conditions				
Chevron Usa, 1	nc.						NG		
Operator						Lab S	ource Description		
Component Normalize Mol %		Un-Normalized Mol %	GPM		Gross H 14.696 PSI @ 60.00	• •	Values (Real, BTU/ft ³) 14.73 PSI @ 60.00 ŰF		
H2S (H2S)	0.0020	0.002				aturated ,313.7	Dry Saturated 1,338.6 1,316.7		
Nitrogen (N2)	4.1880	4.188				ated Total Samp			
CO2 (CO2)	1.7620	1.762				5-16 *Calculated at Co	•		
Methane (C1)	75.3670	75.369		-	Relative Density Real 0.8375		Relative Density Ideal		
Ethane (C2)	6.7330	6.733	1.8000	-	0.8375 Molecular Weight	t	0.8339		
Propane (C3)	3.7100	3.71	1.0220	┥	24.1507				
I-Butane (IC4)	0.4500	0.45	0.1470	-		C6+ Group Proj	perties		
N-Butane (NC4)	1.9870	1.987	0.6260		- 60.000%	Assumed Compos			
I-Pentane (IC5)	0.7430	0.743	0.2720		501000 /0	Field H2S			
N-Pentane (NC5)	1.0260	1.026	0.3720			23 PPM			
Hexanes Plus (C6+)	4.0320	4.032	1.7490	┥└──					
TOTAL	100.0000	100.0020	5.9880		ID STATUS: By Validator on	May 12. 2022	DATA SOURCE: Imported		
thod(s): Gas C6+ - GPA 2261, Extende			515000		BY VALIDATOR R				
.,,,,				Close en		sidered reason	able.		
evice Type: Gas Chromato	Analyzer Informa	tion Make: Shimadz	11	Luis Can					
evice Type: Gas Chiomati evice Model: GC-2014		al Date: Apr 18, 2		ok	DR COMMENTS:				
ource	Date	Notes							
rotrend May 12	, 2022 7:32 am	Analysis moved fro	om SP Code 12	2169G to 772	2G by Luis Can	0			

ived by OCD: 11/29/		575.	www.perm 397,3713 2609 W M	www.permianls.com 575.397.3713 2609 W Marland Hobbs NM 88240				
5628G			23002502		Salado 2	9 T2 CDP		
Sample Point Code		Sample Point Name					int Location	
Laboratory	Services	2022053	070	0053		T Henley - S	not	
Source Lab		Lab File I		Container Identity		Sampler		
USA		USA		USA		New Mexico	`	
District		Area Name		Field Name		Facility Name		
May 6, 2022 11:06 Date Sampled		May 6,	2022 11:06	Ma	ıy 9, 2022 07:36	May	May 10, 2022	
			e Effective		Date Received		te Reported	
80.00	10,277.00	Torran	ce	74 @ 95				
Ambient Temp (°F)	Flow Rate (Mcf)	Analyst	t	Press PSI @ Temp Source Condition				
Chevron Usa	a, Inc.					NG		
Operato	r					Lab Source Descrip	otion	
Component	Normalized	Un-Normalized	GPM		Gross Heating Valu	ues (Real, BTU/	ft³)	
component	Mol %	Mol %	GIM		PSI @ 60.00 °F		@ 60.00 °F	
H2S (H2S)	0.0000	0		Dry 1,368.1	Saturated 1,345.6	Dry 1,371.3	Saturated 1,348.7	
Nitrogen (N2)	1.0340	1.03426			Calculated Total S			
CO2 (CO2)	0.4340	0.43377			GPA2145-16 *Calculate			
Methane (C1)	72.3620	72.36165			e Density Real).8023		Density Ideal 7990	
Ethane (C2)	13.1760	13.17629	3.5230	Mole	cular Weight	0.	7990	
Propane (C3)	7.2930	7.2931	2.0090		3.1425			
I-Butane (IC4)	0.9410	0.94081	0.3080	-	-	Properties		
N-Butane (NC4)	2.4480	2.4484	0.7720	C6 - 60.0		Composition	8 - 10.000%	
I-Pentane (IC5)	0.5180	0.51758	0.1890			I H2S		
N-Pentane (NC5)	0.6650	0.66467	0.2410	-	1 P	PPM		
Hexanes Plus (C6+)	1.1290	1.12948	0.4900					
TOTAL	100.0000	100.0000	7.5320	PROTREND STAT Passed By Valid	' us: lator on May 11, 20	DATA SC 022 Importe		
od(s): Gas C6+ - GPA 2261, Exte			I	PASSED BY VALI	DATOR REASON:			
	Analyzer Informa	tion		Close enough t	o be considered rea	asonable.		
vice Type: Gas Chrom vice Model: GC-2014	atograph Device	e Make: Shimadz al Date: Apr 18, 2		Luis Cano	IMENTS			

rived by OCD: 11/29/4		575.	www.perm 397.3713 2609 W M	ianls.com Iarland Hobbs NM 8824	40		C6+ Gas	Page 874 Analysis Repo
9625G			23002502	79			Salado Draw	19 T3 2 Phase
Sample Point Code		Sample Point Name						int Location
Laboratory	Services	2022054	209	1935			M Anderson -	Spot
Source Labo		Lab File I		Container Ident	ity		Sampler	5000
USA	·	USA		USA			Default	
District		Area Name		Field Name			Facility Name	2
May 5, 2022	10:00	May 5,	2022 10:00		May 16, 2	022 10:04	May	y 17, 2022
Date Sampled		Date	e Effective		Date F	Received	Da	te Reported
66.00		Torrano	ce	100 @	126			
Ambient Temp (°F)	Flow Rate (Mcf)	Analyst	:	Press PSI @ Source Co	•	_		
Chevron Usa	a. Inc.						NG	
Operator						I	Lab Source Descri	otion
Component	Normalized	Un-Normalized	GPM		Gross	Heating Valu	es (Real, BTU/	ˈſt³)
component	Mol %	Mol %			14.696 PSI @ 60.00 °F Dry Saturated			I @ 60.00 °F
H2S (H2S)	0.0000	0				1,427.7	Dry 1,454.9	Saturated 1,431.0000
Nitrogen (N2)	0.9250	0.92524			Calculated To		ample Propert	ies
CO2 (CO2)	0.1280	0.12844					A2145-16 *Calculated at Contract Conditions	
Methane (C1)	69.6940	69.69385			Relative Density Real 0.8506			Density Ideal .8465
Ethane (C2)	13.6390	13.63864	3.6470		Molecular Wei	ght	0	.0105
Propane (C3)	7.8310	7.83146	2.1570	┓┝───	24.5199)		
I-Butane (IC4)	1.0930	1.09287	0.3580	7		C6+ Group	-	
N-Butane (NC4)	3.0080	3.00755	0.9480	C6 -	60.000%	Assumed Co C7 - 30.		28 - 10.000%
I-Pentane (IC5)	0.7180	0.71827	0.2630			Field		
N-Pentane (NC5)	0.9230	0.92308	0.3340	7		0 PI	PM	
Hexanes Plus (C6+)	2.0410	2.0406	0.8850		CTATUC			
TOTAL	100.0000	100.0000	8.5920			n May 18, 20	DATA Se 122 Import	
hod(s): Gas C6+ - GPA 2261, Exter	nded Gas - GPA 2286, Calcul	ations - GPA 2172			VALIDATOR	REASON: onsidered rea	sonable	
	Analyzer Informa	ation						
evice Type: Gas Chrom	•	e Make: Shimadz	u	Luis Cano				
evice Model: GC-2014	Last C	Cal Date: Apr 18, 2	2022	ok	R COMMENTS	5:		

	2022) 4:59:17PPM	575.	www.permi 397.3713 2609 W Ma	anls.com arland Hobbs NM 88240		C6+ Gas	Page 88: Analysis Rep
10410G			330025003	34		SD 23	3 Chk
Sample Point Code		Sample Point Name				Sample Poi	
		2022057	070	2037		Dillomondon	Crat
Laboratory Source Lab		2022057		2037 Container Identity		R Hernandez -	Spot
District		USA Area Name		USA Field Name		New Mexico Facility Name	
			2022 12:15		5, 2022 12:01 Aug 16, 202		16 2022
Aug 12, 2022 12:15 Date Sampled		·	e Effective		ate Received		e Reported
88.00	11,630.00	Torrand	e.	84 @ 109			-
Ambient Temp (°F)	Flow Rate (Mcf)	Analyst		Press PSI @ Temp °F Source Conditions			
Chevron Usa	a, Inc.					NG	
Operato	r				L	ab Source Descrip	tion
Component	Normalized	Un-Normalized	GPM	Gr	oss Heating Value	es (Real, BTU/f	ť³)
component	Mol %	Mol %		14.696 PSI (@ 60.00 °F
H2S (H2S)	0.0000	0		Dry 1,343.6	Saturated 1,321.6	Dry 1,346.7	Saturated 1,324.7
Nitrogen (N2)	1.0050	1.00535			alculated Total S		
CO2 (CO2)	1.3760	1.37599				5-16 *Calculated at Contract Conditions	
Methane (C1)	72.2280	72.228		Relative De			ensity Ideal
Ethane (C2)	12.8290	12.82901	3.4300	U.8 Molecula	013 r Weight	0	7981
Propane (C3)	7.1350	7.13525	1.9650	23.1	187		
I-Butane (IC4)	0.9490	0.94934	0.3100	-	C6+ Group	-	
N-Butane (NC4)	2.4160	2.41607	0.7610	C6 - 60.000	Assumed Co C7 - 30.0	•	8 - 10.000%
I-Pentane (IC5)	0.4990	0.4987	0.1820		Field I		10.00070
N-Pentane (NC5)	0.6260	0.62571	0.2270		0 PF		
Hexanes Plus (C6+)	0.9370	0.93657	0.4060	┥└───			
TOTAL	100.0000	100.0000	7.2810	PROTREND STATUS Passed By Validat		DATA SO 22 Importe	
od(s): Gas C6+ - GPA 2261, Exte			,,2010	PASSED BY VALIDA	TOR REASON:		-
.,				Close enough to b	e considered rea	sonable.	
vice Type: Gas Chrom	Analyzer Informa atograph Device	ition Make: Shimadz	u	Luis Cano	INTC.		

Gross Targeted Improvement ("LPO") due to 3rd party takeaway (BOE, 2019-2022)



Gas Reinjection **eliminates** 3rd party LPO by allowing wells to continue to produce through the duration of 3rd party upsets.



BEFORE THE OIL CONSER Page Sob f Stats Santa Fe, New Mexico

Exhibit No. 2 Submitted by: Chevron U.S.A. Inc. Hearing Date: December 1, 2022

Case No. 23174

Proposed Gas Re-Injection Wells and Surface Facilities





DISTRICT I 1625 N. FRENCH DI		4:59:17 PN	SOCD		c; of New N		Submit Hearin	anta Fe, New Me Exhibit No. 4 tted by: Chevron ng Date: Decemb Case No. 2317	U.S.A. Inc. er 1, 2022 4 Form C-
DISTRICT II 1301 W. GRAND AV DISTRICT III 1000 RIO BRAZOS I	VENUE, ART	ESIA, NM 8821	ŭ1 201₽	IL CONS	als & Natural Res SERVATIO South St. Fra	sources Departmen N DIVISIO Incis Dr.	rj N		tevised July 16; 2 úbmit to Approp District Of
DISTRICT-IV 11885 S. ST. FRANC			CEIVED	-	Fe, New Mex	•			ENDED REPC
	'I Number	WEL		TION AN	<u>`</u>		ATION PLA	• .	
3002 Property C	25-4	0802	97	955	Property Name	-025600	52633198	BS Upp	er Shall
394	82			PO	RTER BRO				1H
OGRID N	23			CHI					levatión 3203!
					Surface Locati			P C DU LU	
UL or lot No. P	Section 19	Township 26-Š	Range 33-E	Lot Idn	Feet from the 340	North/South line SOUTH	Feet from the 340	East/West line EAST	County LEA
	<u></u>	I	k	Bottom Hole	Location If Diffe	rent From Surface	<u> </u>	L	
UL or lot No. A	Section 19	Township 26-S	Range 33-E	Lot Idn	Feet from the 340	North/South line NORTH	Feet from the 340	East/West line EAST	County LEA
Dedicated Acres	Joint or	Infill Co	onsolidation Co	ide Order	No.	·			
							OPËR	ATOR CERTIFI	
						р н. В.н.	340' I hereby cert complete to that this orga unleased min proposed bo well at this I of such min pooling agree	ATOR CERTIFI ify that the information he the best of my knowledge anization either owns a we neral interest in the land in them hole location or has location parsuluit to a conter eral or working interest, ör venicat or a compulsory pentered by the division.	erein is true and and belief, and orking interest or neluding the a right to drill this tract with an owner r to a voluntary.
LOT 2	AC:		NAD-2 SURFACE	ООRDINATES 7 NHE LOCATION 701.7 N 210.7 Е ——		В.Н. 5.33.36	340 I hereby cert complete to that this org untensed min proposed bo well at this h of such min pooling agre heretofore et bignature Printed Na C LLAH E-mail Ad	tify that the information h the best of my knowledge anization either owns a wa meral interest in the land in strom hole locatron of has ocation pursuant to a cont eral or working interest, ö conient or a compulsory pa netered by the division.	CATION erein is true and and belief, and orking interest or neluding the a right to drill this ract with an owner r to a voluntary cooling order <u>Disc</u> Date <u>LVDNC</u>
LOT 2	AC:		NAD 2 SURFACE Y= 372 	7 NME LOCATION 701.7 N		В.Н.	340 I hereby cert complete to that this org unleased min proposed bo well at this h of such min proving agre heretofore et Kignature Printed Na E-mail Ad SURV I hereby cert was plotted me or under and correct t Surver	tify that the information he the best of my knowledge anization either owns a wa meral interest in the land is strom hole locatron of has ocation pursuant to a conternation eral or working interest, is controm pursuant to a conterest, is controm pursuant to a conternation eral or working interest, is controm pursuant to a conternation eral or working interest, is contered by the division.	CATION erein is true and and belief, and orking interest or neluding the a right to drill this ract with an owner r to a voluntary cooling order <u>Doc2720</u> Date <u>LV20V.C</u> CATION shown on this plat surveys made by the same is true , 2011

.

Released to Imaging: 11/30/2022 8:16:56 AM

1 1

والمعلمة والالالمعلم والمعلم والم

? ł

, ,

: , .

.

.

.

.

OCT 1 0 2012

EXHIBIT AZ

<u>District1</u> 1625 N. French Dr., Hobbs, NM 88240 Phone: (575) 393-6161 Fax: (575) 393-0720 <u>District III</u> 811 S. First St., Antesia, NM 88210 Phone: (575) 748-1283 Fax: (575) 748-9720 <u>District III</u> 1000 Rio Brazos Road, Aztee, NM 87410 Phone: (505) 334-6178 Fax: (505) 334-6170

Phone: (505) 334-6178 Fax; (505) 334-6170 <u>District IV</u> 1220 S. St. Francis Dr., Santa Fe, NM 87505 Phone: (505) 476-3460 Fax; (505) 476-3462 State of New Mexico Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION 1220 South St. Francis Dr. Santa Fe, NM 87505 Form C-102 Revised August 1, 2011 Submit one copy to appropriate District Office

AMENDED REPORT

			WELL LOCAT	TON AND	ACREAG	E DEDICAT	TON PLAT	n		
30-	'API Nur 025	nber -422	78 97 9	Code	uc-	025 5	³ Pool Nas -06 .62/	me 53191	B	Vell Number
Proper	ty Code	-	•						6 V	Vell Number
25	2272	>		SALADO I	DRAW 18 26 3	3 FED				3H
⁷ OGR	ID No.			* C	perator Name				v	Elevation
				CHEVI	RON U.S.A. IN	IC.				3189'
				™ Sui	face Locati	ion				
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/	West line	Соилту
С	19	26 SOUTH	33 EAST, N.M.P.M	I.	200'	NORTH	1943'	WE	ST	LEA
			" Bottom	Hole Locat	ion If Diffe	erent From S	urface			
UL or lot ne.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/V	Vest line	County
Ċ	18	26 SOUTH	33 EAST, N.M.P.M	.	280'	NORTH	1670'	WE	ST	LEA
¹² Dedicated A	cres ¹³ Joi	nt or Infill	¹⁴ Consolidation Code	15 Order No.	<u>.</u>	i	···.			

No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

16	177777777	and the second
		" OPERATOR CERTIFICATION
PROPOSED BOTTOM HOLE LOCATION	1670 1670	I hereby certify that the information contained herein is true and complete
X= 722,886 NAD 27	355'	to the best of my knowledge and belief, and that this organization either
Y= 382,617		owns a working interest or unleased mineral interest in the land including
LAT. 32.049887		the proposed bottom hole location or has a right to drill this well at this
LONG. 103.613953		location pursuant to a contract with an owner of such a mineral or
X= 764,073 NAD83		
Y= 382,674	5,207.85	working interest, or to a voluntary pooling agreement or a compulsory
LAT. 32.050012		pooling order hereinfore entered by the division.
LONG. 103.614422		
	N 03"21"51"W	Signature Date
		DATE
SALADO DRAW 18 26 33 FED NO, 3H WELL		Printed Name
X= 723,192 NAD 27		
Y= 377,418		
LAT. 32.035590	1 8 3	E-mail Address
LONG. 103.613078	- ereced	
X= 764,379 NAD83		"SURVEYOR CERTIFICATION
Y= 377,475	1943'	I hereby certify that the well location shown on this
LAT. 32.035715	500	
LONG. 103.613546 ELEVATION +3189 NAVD 88		plat was plotted from field notes of actual surveys
LEEVA NON VAIDA NAVD 80	E F	made by me or under my supervision, and that the
,		same is true and correct to the best of my belief.
		P A AAA
CORNER COORDINATES TABLE (NAD 27)		3.0.14
A - Y=382893.93, X=722529.11	19	Date of Survey
B - Y=382903.80, X=723843.81		Signature and Seg of Corset the MEdice
C - Y=377613,09, X≍722563,79		Signaturonki Sear of Articeskind Sin Arty
D - Y=377622.81, X=723580.19		
E - Y=376293.10, X=722572.29		E (15078) E
F - Y=376303.00, X=723889.23		
		The state of the s
		streen and
		17 Jan 10

Released to Imaging: 11/30/2022 8:16:56 AM

EXHELBET HL

District 1 1625 N. French Dr., Hobbs, NM 88240 Phone: (575) 293-6161 Fax: (575) 393-0720 District 11 811 S. First St., Artesia, NM 88210 Phone: (575) 748-1283 Fax: (575) 748-9720 <u>District III</u> 1000 Rio Bmzos Road, Aztec, NM 87410 Phone: (505) 334-6178 Fax: (505) 334-6170 <u>District IV</u> 1220 S. St. Francis Dr., Santa Fe, NM 87505 Phome: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION 1220 South St. Francis Dr. Santa Fe, NM 87505 Form C-102 Revised August 1, 2011 Submit one copy to appropriate District Office

AMENDED REPORT

			WELL LOCATI	ION AND	ACREAG	E DEDICAT	TION PLAT		
30-0	' API Nuir 2-5- 4	iber 2279	2 Pool (97)	Code	wc-	024 G-8	¹ Росі Мат И 5263	319 P-B	GUPPER SA
⁴ Propert	ty Code	4		5 P	roperty Name		<u> </u>		Well Number
- 3/3	387,	5		SALADO I	DRAW 18 26 3	3 FED .			4H
⁷ OGRI				۴0	perator Name				⁹ Elevation
93	23			CHEVE	RON U.S.A. IN	IC.			3189'
				□ Sur	face Locat	ion			
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
C	19	26 SOUTH	33 EAST, N.M.P.M.		200'	NORTH	1993'	WEST	LEA
			" Bottom H	Iole Locat	ion If Diffe	erent From S	urface		
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
С	18	26 SOUTH	33 EAST, N.M.P.M.		280'	NORTH	2275'	WEST	LEA
12 Dedicated A	eres ¹³ Join	nt or Infill	¹⁴ Consolidation Code	' Order No.					
									1

No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

6		T	
16	A	В	" OPERATOR CERTIFICATION
PROPOSED BOTTOM HOLE LOCATION	2275	355'	I hereby certify that the information contained herein is true and ecomplete
X= 723,491 NAD 27	780.	1	to the best of my knowledge and belief, and that this organization either
Y= 382,621		4	owns a working interest or unleased minaral interest in the land including
LAT. 32.049888			the proposed bottom hole location or has a right to drill this well at this
LONG. 103.012001		1	location pursuant to a contract with an owner of such a mineral or
X= 764,678 NAD83 Y= 382,678			working interest, or to a volumery pooling agreement or a compulsory
LAT. 32.050013	5,209.02		pooling order heretofore entared by the division.
LONG. 103.612470	<u> </u>	-18	
	33		
	N 02°44'32"E		Signature Date
SALADO DRAW 18 26 33 FED	{	1	Printed Name
NO. 4H WELL X= 723,242 NAD 27			
Y = 377,418			
LAT. 32.035590			E-mail Address
LONG. 103.612917	eeeee	1	
X= 764,429 NAD83		D	"SURVEYOR CERTIFICATION
Y= 377,475 LAT. 32.035715	1993'		I hereby certify that the well location shown on this
LONG. 103.613385	200		plat was plotted from field notes of actual surveys
ELEVATION +3189' NAVD 88			made by me or under my supervision, and that the
	E	F	I see the second sec
			same is true and correct to the best of my belief.
CORNER COORDINATES TABLE (NAD 27)			S.G. V J. J. DANIE
A - Y=382893.93, X=722529.11	·	 9	
B - Y=382893.93, X=722829.11 B - Y=382903.80, X=723843.81			Signat & and Sealer Proceeding Surveyor
C - Y=377613,09, X=722563,79			A SECTION ACCOUNTS I I I I
D - Y=377622.81, X=723880.19			E (15078) C
E - Y=376293.10, X=722572.29			
F - Y=376303.00, X=723889.23			
Í.			
			MOFESSION
			Commenter Manager
			<u> </u>

EXHIBIT AZ District 1 State of New Mexico Form C-102 1625 N. French Dr., Hobbs, NM 88240 Phone: (575) 393-6161 Fax: (575) 393-0720 Revised August 1, 2011 Energy, Minerals & Natural Resources Department District II Submit one copy to appropriate 811 S. First SL. Artesia, NM 88210 OIL CONSERVATION DIVISION Phone: (575) 748-1283 Fax: (575) 748-9720 District Office District III 1220 South St. Francis Dr. 1000 Rio Brazes Road, Aztec, NM 87410 Phone: (505) 334-6178 Fax: (505) 334-6170 Santa Fe, NM 87505 AMENDED REPORT District IV 1220 S. St. Francis Dr., Santa Fe, NM 87505 Phone: (505) 476-3460 Fax: (505) 476-3462 WELL LOCATION AND ACREAGE DEDICATION PLAT Pool Name API Number Pool Code 267331P; B4 UPPEN SHAVE 2290 025 Property Name Well Number SALADO DRAW 19 26 33 FED 3H ⁸ Operator Name Elevation OGRID No CHEVRON U.S.A. INC. 3189 " Surface Location UL or lot no Township Lot Idn Feet from the North/South line Feet from the East/West line Section Range County 26 SOUTH 33 EAST, N.M.P.M. С 19 200' NORTH 1968' WEST LEA "Bottom Hole Location If Different From Surface UL or lot no Township Range Lot Idn Feet from the North/South line Feet from the East/West line County Section 26 SOUTH 33 EAST, N.M.P.M. 280' SOUTH 1675 WEST N 19 LEA ¹³ Joint or Infili ¹² Dedicated Acres Consolidation Code ⁵ Order No.



EXHIBIT A2

District 1625 N. French Dr.,	Hobbs, NM 88	240		State c	of New Me	xico				Form C-102	
Phone: (575) 393-6 District II	161 Fax: (575)	393-0720	Energy, Mir				rtment	Sub		ed August 1, 2011	
811 S. First St., Arte Fliche: (575) 748-12 District 111	•		OIL	CONSERVATION DIVISION 1220 South St. Francis Dr.					Submit one copy to appropria District Off		
1000 Rio Brazos Ro Pl:one: (505) 334-61 District IV	, ,				fe, NM 87				🗌 AME	NDED REPORT	
220 S. St. Francis Phone: (505) 476-34											
			WELL LOCATI	ON AND	ACREAG	E DEDICAT	TON PLAT	,			
70-0	'API Num 25 -	4226	² Pool C 979	ode 55	WS-0	255-06	³ Pool Nar 92633		B9 41	MER 4HA	
⁴ Proper	y Code			5 Pi	roperty Name			-,,	6 W	ell Number	
7170	26			SALADO DRAW 19 26 33 FED						4H	
⁷ OGRI	ID No.			* O	perator Name				9	Elevation	
43	23			CHEVR	ON U.S.A. IN	С.				3189'	
•	/			" Sur	face Locati	ion					
JL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/	West line	County	
С	19	26 SOUTH	33 EAST, N.M.P.M.		200'	NORTH	2018'	WE	EST	LEA	
			" Bottom H	ole Locat	ion If Diffe	erent From S	urface				
IL or lot no.	Section	Township	Range	Loi Idn	Feet from the	North/South line	Feet from the	East/	West line	County	
N	19	26 SOUTH	33 EAST, N.M.P.M.		280'	SOUTH	2282'	WE	ST	LEA	
¹² Dedicated A	cres ¹¹ Joir	u or Infill	¹⁴ Consolidation Code ¹⁵	Order No.							

No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.



<u>District 1</u> 625 N. French Dr., Hobbs, NM 88240 ³ hone: (575) 393-6161 Fax: (575) 393-0720 <u>Statrict II</u> 11 S. First St., Artesia, NM 88210 ³ hone: (575) 748-1283 Fax: (575) 748-9720 <u>Statrict III</u> 000 Rio Brazos Road, Azteo, NM 87410				State of New Mexico HOBBS OCD Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION JUL 0 2 2015 1220 South St. Francis Dr.					Form C-102 Revised August 1, 2011 mit one copy to appropriate District Office		
tone: (505) 334-61 Istrict IV 220 S. St. Francis I hone: (505) 476-34	78 Fax: (505) : Dr., Santa Fe, N	34-6170 M 87505		Santa	Fe, NM 87	7505	RECEIVE	D	AME	NDED REPORT	
			WELL LOCATI	ON AND	ACREAG	E DEDICAT	ION PLAT				
30-02	'API Num 9 - 4 2		9195	5	WC-02	25 0-06	526731	qP;	BG_		
⁴ Propert	y Code				roperty Name		•		⁶ Well Number		
11.19	549				DRAW 18 26 3: perator Name	3 FED			9	1H Elevation	
	D NK			Ů,	-						
432	о мб. Х			CHEVE	ON U.S.A. IN	IC.			•	3176'	
432	3				tace Locati				L	3176'	
432	.3	Township	Range				Feet from the	East/	West line	3176' County	
432 L or lot no. D	<u>Section</u>	Township 26 SOUTH	-	[™] Sur	face Locati	ion	Feet from the 873'	East/ WF			
432 L or lot no.	<u>Section</u>	-	33 EAST, N.M.P.M.	[™] Sur Lot Idn	face Locati Feet from the 200'	ON North/South line	873'			County	
432	<u>Section</u>	-	33 EAST, N.M.P.M.	[™] Sur Lot Idn	face Locati Feet from the 200' ion If Diffe	on North/South line NORTH Prent From S	873'	WE		County	



Released to Imaging: 11/30/2022 8:16:56 AM

JUL 07 2015

District 1 1625 N. French Dr., 1 Phone: (575) 393-61 District II 211 S. First St., Arter Phone: (575) 748-12 District III 1000 Rio Brazos Ros Phone: (505) 334-61 District IV	51 Fax: (575) 39 ia, NM 88210 13 Fax: (575) 748 d, Aztec, NM 874	3-0720 3-9720 410	State of New Mexico Energy, Minerals & Natural Resources Depotement OIL CONSERVATION DIVISION 1220 South St. Francis Dr. JUL 0 2 2015 Santa Fe, NM 87505						Form C-10 Revised August 1, 201 Submit one copy to appropriat District Offic		
Dimiterity 2018 St. Fernyis Dy. Santa Fe. NM 87505						RECEIVED					
			WELL LOCATI	ON AND	ACREAG	E DEDICAT	ION PLAT				
31-02	/ P	[97955	-)	WC-C	125 F-0	Pool Nem	3191	1	ell Number	
3138	<u>-</u> 42 Code 96		97955	³ P SALADO E	DRAW 19 26 3	275 9-0 3 FED			We	1H	
31-02 ⁴ Property 313 8 11 ² 0GRII	<u>-</u> 42 Code 96		97955	⁵ P SALADO I ⁸ O	DRAW 19 26 3 perator Name				° We	1H levation	
3138	<u>-</u> 42 Code 96		97955	⁵ P SALADO I ⁸ O CHEVF	DRAW 19 26 3 perator Name RON U.S.A. IN	IC.			° We	1H	
3/38 432	- 42 <u>7 Gode</u> <u>9 6</u> No. <u>3</u>	2661 _ 	97955	SALADO I [®] O CHEVF ¹⁰ Sur	DRAW 19 26 3 perator Name	ic.	26 726 7		* We	1H levation 3176'	
3/38 432	Code 96 No. 3 Section T		<u>197955</u> Range	⁵ P SALADO I ⁸ O CHEVF	DRAW 19263 perator Name RON U.S.A. IN face Locati	ic.	263	33191	⁹ E est line	1H levation	
3/38 432	Code 96 No. 3 Section T	ownship	Range 33 EAST, N.M.P.M.	⁵ P SALADO I ⁸ O CHEVF ¹⁰ Sur Lot Idn	DRAW 19 26 3. perator Name RON U.S.A. IN face Locati Feet from the 200'	IC. ION North/South line	Feet from the 898'	East/W	⁹ E est line	1H Ilevation 3176' County	
3138	5- 42 Code 96 No. 3 Section T 19 2	ownship	Range 33 EAST, N.M.P.M.	⁵ P SALADO I ⁸ O <u>CHEVF</u> ¹⁰ Sur Lot Idn ole Locat	DRAW 19 26 3 perator Name RON U.S.A. IN face Locati Feet from the 200' ion If Diffe	IC. ION North/South line NORTH	Feet from the 898' urface	East/W	⁹ E est line T	1H Ilevation 3176' County	



Released to Imaging: 11/30/2022 8:16:56 AM

JUL 07 2015

District 1 625 N. French Dr., laone: (575) 393-61 <u>District III</u> 11 S. Firat St., Arte hone: (575) 748-12 <u>District III</u> 000 Rio Brazos Ro hone: (505) 334-61 <u>District IV</u> 220 S. St. Francis I	 IG1 Fax: (575) 3 asia, NM 88210 283 Fax: (575) 74 ad, Aztec, NM 8' 178 Fax: (505) 33 Dr., Santa Fe, NM 	93-0720 8-9720 7410 4-6170 1 87505		State of New Mexico Energy, Minerals & Natural Resources Departements OCD OIL CONSERVATION DIVISION s 1220 South St. Francis Dr. Santa Fe, NM 87505 RECEIVED						Form C-102 d August 1, 2011 by to appropriate District Office NDED REPORT
hone: (505) 476-34	60 Fax: (505) 47		WELL LOCATI	ON AND	ACREAG	E DEDICAT	•			
<u>70-02</u> ⁴ Propert	¹ API Numb 5 - 4 2 y Code	er 662	97955	ode ⁵ P		-025 G	3 n - 1 N		⁶ Wo	Sil Number
31380	5 - 47 ^{y Code} 76	er 662		ode ³ P SALADO E	I WC- rc y Name DRAW 19 26 3	-025 G	3 n - 1 N	ne	⁶ We	2H
10-02/ ⁴ Propert 3/38 4307	5 - 47 ^{y Code} 76	er 662		ode ⁵ P SALADO E ⁸ O	rcy Naine DRAW 19 26 3 perator Name	-025 Ĝ	3 n - 1 N	ne	⁶ Wo	2H Ilevation
31380	5 - 47 ^{y Code} 76	662		ode SALADO E *O CHEVF	rc y Name DRAW 19 26 3 OPERATOR NAME	-025 6	3 n - 1 N	ne	⁶ Wo	2H
31389 4327	5 - 47 ^{y Code} 76	662		ode SALADO E *0 CHEVF	rcy Naine DRAW 19 26 3 perator Name	-025 6	³ Pool Nan <u>26</u> 52	ne	⁶ We	2H Ilevation
31380	5 - 47 y Code 76 D No. Section 1	662	979 ² 80010	ode SALADO E *0 CHEVF 10 Sur	rc, Naine DRAW 19 26 3 perator Name RON U.S.A. IN face Locat	-025 6 3 FED 4C. ion	³ Pool Nan <u>26</u> 52	ne G Ŧ 319	⁶ We ⁹ E ² est line	2H Ievation 3175'
31389 4327	5 - 47 y Code 76 D No. Section 1	Cownship	Range 33 EAST, N.M.P.M.	ode SALADO E * O CHEVF 10 Sur Lot Idn	rc y Naine DRAW 19 26 3 perator Name RON U.S.A. IN face Locat: Feet from the 200'	-025 G 3 FED IC. ION North/South line	³ Pool Nan <u>TG</u> 524 Feet from the 948'	East/W	⁶ We ⁹ E ² est line	2H levation 3175 ¹ County
31389 4327	5 - 47 y Code 76 D No. Section 1	Cownship	Range 33 EAST, N.M.P.M.	ode SALADO E * O CHEVF 10 Sur Lot Idn	rc, Name DRAW 19 26 3 perator Name RON U.S.A. IN face Locat Feet from the 200' ion If Diffe	OZS G 3 FED C. ion North/South line NORTH	³ Pool Nan <u>TG</u> 524 Feet from the 948'	East/W	⁶ We ⁹ E ² est line T	2H levation 3175 ¹ County



Released to Imaging: 11/30/2022 8:16:56 AM

JUI 07 2015

SEP 2 1 2015

Form C-102

District I 1625 N. Prench Dr., Hobbs, NM 88240 Phone: (575) 393-6161 Fux: (575) 393-0720 District I 811 S. First St., Artesia, NM 88210 Phone: (575) 748-1283 Fax: (575) 748-9720 District III 1000 Rio Brazos Road, Aztec, NM 87410 Phone: (505) 334-6178 Fax: (505) 334-6170 District IV

1220 S, St. Francis Dr., Santa Fe. NM 87505 Phone: (505) 476-3460 Fax: (505) 476-3462

ſ

Ì

ŧ

State of New Mexico Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION 1220 South St. Francis Dr. Santa Fe, NM 87505

Revised August 1, 2011 RECSUMMIT one copy to appropriate **District Office**

AMENDED REPORT

			WELL LOCATI	ON AND	ACREAG	E DEDICA	TION PLA	Т	
30-0	'API Nun 25 - 25	1ber	6 (9799	5	wc-e	24 6-00	5 5 2 63	BAP; BS	-ne
Proper	rty Code			, b	roperty Name	- J /-	•	6	Well Number
7192	7/5269 SD EA 18 FED P6							5H	
112 OGR	ID No.			*0	perator Name				ⁿ Elevation
432	3			CHEVE	RON U.S.A. IN	C.			3205'
			_	" Sur	face Locat	ion		···· · <u>-</u>	
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
В	19	26 SOUTH	33 EAST, N.M.P.M.		266'	NORTH	1 <i>7</i> 78'	EAST	LEA
			" Bottom H	ole Locat	tion If Diff	erent From S	Surface		
UL oi lot no,	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
В	18	26 SOUTH	33 EAST, N.M.P.M.		180'	NORTH	2290'	EAST	LEA
¹² Dedicated A	cres ¹³ Join	it or Infill	⁴ Consolidation Code ¹⁵	Order No.					

No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division. ł

PROPOSED BOTTOM HOLE	Proposed Last Take	8	2290'	I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either
X= 724,185 NAD 27 Y= 382,726	Point		1	owns a working interest or unleased mineral interest in the land inchaing
LAT. 32.050165	- 330' FNL, 2275' FEL -	K-118-1-	<u></u>	the proposed bottom hole location or has a right to drill this well at this
LONG. 103.609758		N N	}	location pursuant to a contract with an owner of such a mineral or
X= 765,372 NAD83		Liki	1	working interest, or to a voluntary pooling agreement or a computsory
Y= 382,784			1	Acooling order hereinfore entered by the division
LAT. 32.050290 LONG. 103.610227			1	1 1 d i mar cu ny me cu hunt
			1	Indy Monere - Minel 05.
			1	Cindy Henrer Mull 05. Cindy Herrera - Murillo Printed Name Cherrera murillo @ cherrera
			1	Cinda Henrera Murilla
SD EA 18 FED P6 NO. 5H WELL			1	Printed Name
X= 724,737 NAD 27	Proposed First Take		1	Chance and will a day
Y = 377,363	Point			heriera morillo pore
LAT. 32.035411	330' FSL, 1835' FEL	╞╌┺═┰┙╷	1	E-mail Address
LONG. 103.608094	G	errer	1	
X= 765,924 NAD83 Y= 377,420	U U	╎╺┝┯	1778'	"SURVEYOR CERTIFICATION
LAT. 32.035536		 0	1110	I hereby certify that the well location shown on this
LONG. 103.608562		266'		plat was plotted from field notes of actual surveys
ELEVATION -3205' NAVD 88	E		F	made by me or under my supervision, and that the
			ľ	same is true and correct to the bust of my belief.
				DAA - AN I DAA
CORNER COORDINATES TABLE (NAD 27)				Gail 9 200 S. J. DANIE
A - Y=382903.80, X=723843.81	1	9	<u> </u>	Days of Survey Signature and jent of Professionar Surveyor: 0
B - Y=382913.68, X=725158.52				Signature and year of Protession Surveyor:
C - Y=377622.81, X=723880.19				Signature and the itroitest ar Surveyor: 0
D - Y=377632.53, X=725196.60				
E - Y=376303.00, X=723889.23				
F - Y=376312.90, X=725206.17			(Certificate Number
				ROFESSION
				Certificate Number
			(4c) N=	#15079
				71.1.0
			· ·	the second se
			(~)~	

;

ı. ÷

.

ŕ

- i - i

3 2015

SEP

Ð

District 1 625 N. French Dr., Hobbs, NM 88240 Plane: (375) 393-6161 Fax: (575) 393-0720 Ene	rgy. Mi		of New M Natural Re	exico esources Dep	SEP 21	Rev	Form C-102 rised August 1, 2011
District II 11 S, First St., Artosia, NM 88210				N DIVISION	nr^ri	Submit one	copy to appropriate
Phone: (\$75) 748-1283 Hux: (\$75) 748-9720 District M	OIL				KECE	920	District Office
000 Rio Brazos Road, Aztec, NM 87410			uth St. Fra			<u> </u>	
Mone: (505) 334-6178 Fax: (505) 334-6170 <u>District N</u>		Santa	1 Fe, NM 8	7505			MENDED REPORT
220 S. St. Francis Dr., Santa Fe, NM 87505 hone: (505) 476-3460 Fax: (505) 476-3462							
WELL I	OCATI	ON ANE) ACREAC	GE DEDICA	TION PLAT	•	
API Number	7			1	A ³ Pool Nam]
30-029-42796 9	795	5	WC-C	924 600	6 9263	319P; B	5
⁴ Property Code		, b	Property Name	, ,		1	Well Number
7/3267			EA 18 FED P6				6H
LIZ 72			Operator Name	10			^e Elevation
7323	·		RON U.S.A. IN				3204'
			rface Locat				<u> </u>
L or lot no. Section Township Rang		Lot Idn		North/South line	1	East/West line	County
B 19 26 SOUTH 33 EAST,			247'	NORTH	1763'	EAST	LEA
		r	· · · · · · · · · · · · · · · · · · ·	ferent From S	· · · · · · · · · · · · · · · · · · ·		
L or lot no. Section Township Rang		Lot Idn		North/South line	Feet from the	East/West line	County
B 18 26 SOUTH 33 EAST,			180'	NORTH	1655'	EAST	LEA
Dedicated Acres ¹³ Joint or Infill ¹⁴ Consolidatio	on Code	Order No.					
160							
o allowable will be assigned to this compl	ation until	all interes	te have heer	annolidated or	a non standard	unit has been	approved by the
vision.			ts have been	consolidated of	a non-standard	i unit has been a	ipproved by the
							RTIFICATION
LOCATION	Pro	 oposed Last T	iake 1	1655'		-	uined herein is true and complete
X= 724,820 NAD 27 Y= 382,731		Point	L IS	194			td that this organization either wal interest in the load including
LAT. 32.050166	- 330	0' FNL, 1658' I	FEL + 5				a right to drill this well at this
LONG. 103.607709	× 1			11	1	t to a contract with an o	- 4
X= 766,007 NAD83 Y= 382,788	1			11	working interest.	or to a voluntary pooling	g agreement or a compulsory
LAT. 32.050291		 18	Propesso	<u>.</u> 11	pooling order he	retofore entered by the di	. 8
LONG. 103.608178				n 1 1	Indet	Jornana -	$M_{1}, y_{0}, 5-5$
							m_{u}
				oʻl 1	Signature		Mullo5=
				oʻl 1	Semature		
SD EA 18 FED P6 NO. 6H WELL					Printed Name		
SD EA 18 FED PG NO. 6H WELL X= 724,752 NAD 27	Pro	posed First T			Printed Name		
X= 724,752 NAD 27 Y= 377,383		Point	ake		Printed Name		n munillo no pocheuro
X= 724,752 NAD 27			ake		Printed Name E-mail Address		
X= 724,752 NAD 27 Y= 377,383 LAT, 32,035465 LONG, 103,608044 X= 765,939 NAD83		Point	ake		C-main Address	yHerren eramuri	a-Morillo 1100 chevro
X= 724,752 NAD 27 Y= 377,383 LAT, 32.035465 LONG, 103.608044 X= 765,939 NAD83 Y= 377,440		Point	ake		- ISURVE	yHerrere Teramuri	
X= 724,752 NAD 27 Y= 377,383 LAT, 32,035465 LONG, 103,608044 X= 765,939 NAD83		Point	ake		- ISURVE	y Herrere eramuri	<u>a-Morillo</u> <u>Nopcheur</u> TIFICATION
X= 724,752 NAD 27 Y= 377,383 LAT. 32.035465 LONG. 103.608044 NAD83 Y= 765,939 NAD83 Y= 377,440 LAT. 32.035590 Y= Y= <td></td> <td>Point</td> <td>ake</td> <td></td> <td>- USURVE</td> <td>y Herrere eramuri</td> <td>A-Morillo No Ochevro TIFICATION ocation shown on this</td>		Point	ake		- USURVE	y Herrere eramuri	A-Morillo No Ochevro TIFICATION ocation shown on this
X= 724,752 NAD 27 Y= 377,383 LAT. 32,035465 LONG. 103,608044 X= 765,939 NAD83 Y= 377,440 LAT. 32,035590 LONG. 103,608512		Point	Take	0 0 1763'	- "SURVE I hereby cert plat was plot made by me	y Herrere eramuri YOR CERI lify that the well I tited from field not or under my supe	A-Monillo No Ochevro Infication ocation shown on this tes of actual surveys
X= 724,752 NAD 27 Y= 377,383 LAT. 32.035465 LONG. 103.608044 X= 765,939 NAD83 Y= 377,440 LAT. 32.035590 LONG. 103.608512 ELEVATION - 3204" NAVD 88		Point	Take	0 0 1763'	- "SURVE I hereby cert plat was plot made by me	y Herrere eramuri YOR CERI lify that the well I tited from field not or under my supe	Dute A - Monillo No Ochevro Infication ocation shown on this ters of actual surveys rvision, and that the te best of my belief.
X= 724,752 NAD 27 Y= 377,383 LAT, 32,035465 LONG, 103,608044 X= 765,939 NAD83 Y= 377,440 LAT, 32,035590 LONG, 103,608512 ELEVATION -3204' NAVD 88 CORNER COORDINATES TABLE (NAD 27)		Point	Take	0 0 1763'	- "SURVE I hereby cert plat was plot made by me same is true	YOR CERT ify that the well I the from field not or under my supe and correct to the SZOIS	Dute A - Monillo No Ochevro Infication ocation shown on this tes of actual surveys rvision, and that the te best of my belief.
X= 724,752 NAD 27 Y= 377,383 LAT. 32.035465 LONG. 103.608044 X= 765,939 NAD83 Y= 377,440 LAT. 32.035590 LONG. 103.608512 ELEVATION - 3204' NAVD 88 CORNER COORDINATES TABLE (NAD 27) A - Y=382903.80, X=723843.81		Point	Take	0 0 1763'	- "SURVE I hereby cert plat was plot made by me same is true	YOR CERT Stype that the well I titled from field not or under my supe and correct to the SZOIS	Dute A - Monillo No Ochevro Infication Infication ocation shown on this tes of actual surveys rvision, and that the te best of my belief.
X= 724,752 NAD 27 Y= 377,383 LAT, 32.035465 LONG. 103.608044 X= 765,939 NAD83 Y= 377,440 LAT. 32.035590 LONG. 103.608512 ELEVATION -3204 NAVD 88		Point	Take	0 0 1763'	- "SURVE I hereby cert plat was plot made by me same is true	YOR CERT Stype that the well I titled from field not or under my supe and correct to the SZOIS	Dute A - Monillo No Ochevro Infication Infication ocation shown on this tes of actual surveys rvision, and that the te best of my belief.
X= 724,752 NAD 27 Y= 377,383 LAT, 32.035465 LONG. 103.608044 X= 765,939 NAD83 Y= 377,440 LAT. 32.035590 LONG. 103.608512 ELEVATION -3204' NAVD 88 CORNER COORDINATES TABLE (NAD 27) A - Y=382903.80, X=723843.81 B - Y=382913.68, X=725158.52 C - Y=377622.81, X=723186.19 D - Y=377632.53, X=725196.60		Point	Take	0 0 1763'	- "SURVE I hereby cert plat was plot made by me same is true	YOR CERT ify that the well I the from field not or under my supe and correct to the SZOIS	Dute A - M on 110 10 O cheve 10 O cheve
X= 724,752 NAD 27 Y= 377,383 LAT, 32.035465 LONG. 103.608044 X= 765,939 NAD83 Y= 377,440 LAT. 32.035590 LONG. 103.608512 ELEVATION -3204' NAVD 88 CORNER COORDINATES TABLE (NAD 27) A - Y=382903.80, X=723843.81 B - Y=382913.68, X=725158.52 C - Y=377632.53, X=725196.60 E - Y=376303.00, X=723889.23		Point	Take	0 0 1763'	- "SURVE I hereby cert plat was plot made by me same is true	YOR CERT ify that the well I the from field not or under my supe and correct to the SZOIS	Dute A - M on 110 10 O cheve 10 O cheve
X= 724,752 NAD 27 Y= 377,383 LAT, 32.035465 LONG. 103.608044 X= 765,939 NAD83 Y= 377,440 LAT. 32.035590 LONG. 103.608512 ELEVATION -3204' NAVD 88 CORNER COORDINATES TABLE (NAD 27) A - Y=382903.80, X=723843.81 B - Y=382913.68, X=725158.52 C - Y=377622.81, X=723196.60		Point	Take	0 0 1763'	- "SURVE I hereby cert plat was plot made by me same is true	YOR CERT ify that the well I the from field not or under my supe and correct to the SZOIS	Dute A - M on 110 10 O cheve 10 O cheve
X= 724,752 NAD 27 Y= 377,383 LAT, 32,035465 LONG. 103.608044 X= 765,939 NAD83 Y= 377,440 LAT. 32,035590 LONG. 103.608512 ELEVATION - 3204' NAVD 88 CORNER COORDINATES TABLE (NAD 27) A - Y=382903.80, X=723843.81 B - Y=382913.68, X=725158.52 C - Y=377622.81, X=723880.19 D - Y=377632.53, X=725196.60 E - Y=376303.00, X=723889.23		Point	Take	0 0 1763'	I ADDRESS	YOR CERT ify that the well I the from field not or under my supe and correct to the SZOIS	Dute A - M on 110 10 O cheve 10 O cheve
X= 724,752 NAD 27 Y= 377,383 LAT, 32,035465 LONG. 103,608044 X= 765,939 NAD83 Y= 377,440 LAT. 32,035590 LONG. 103,608512 ELEVATION - 3204' NAVD 88 CORNER COORDINATES TABLE (NAD 27) A - Y=382903.80, X=723843.81 B - Y=382913.68, X=725158.52 C - Y=377622.81, X=723880.19 D - Y=376303.00, X=723889.23		Point	Take	0 0 1763'	- "SURVE I hereby cert plat was plot made by me same is true	YOR CERT ify that the well I the from field not or under my supe and correct to the SZOIS	Dute A - Monillo No Ochevro Infication Infication Infication Infication Infication Infication Infication Infication Infication Infication Infication Infication Infication Infication Infication Infication Infication Infication Infication Infication Infication Infication Infication Infication Infication Infication Infication Infication Infication Infication Infication Infication Infication Infication Infication Infication Infication Infication Infication Infication Infication Infication Infication Infication Infication Infication Infication Infication Infication Infication Infication Infication Infication Infication Infication Infication Infication Infication Infication Infication Infication Infication Infication Infication Infication Infication Infication Infication Infication Infication Infication Infication Infication Infication Infication Infication Infication Infication Infication Infication Infication Infication Infication Infication Infication Infication Infication Infication Infication Infication Infication Infication Infication Infication Infication Infication Infication Infication Infication Infication Infication Infication Infication Infication Infication Infication Infication Infication Infication Infication Infication Infication Infication Infication Infication Infication Infication Infication Infication Infication Infication Infication Infication Infication Infication Infication Infication Infication Infication Infication Infication Infication Infication Infication Infication Infication Infication Infication Infication Infication Infication Infication Infication Infication

Released to Imaging: 11/30/2022 8:16:56 AM

ļ

4

|

HOBBS OCD

District] 1625 N. French Dr., Hobbs, NM 88240 Phone: (575) 393-6161 Fux: (575) 393-0720 District II District II	State of New Mexico Energy, Minerals & Natural Resources Departme	EP 21 2015	Form C-102 Revised August 1, 2011 nit one copy to appropriate
811 S. First St., Artesia, NM 88210 Phone: (575) 748-1283 Fax: (575) 748-9720 District III 1000 Rio Brazos Road, Artoc. NM 87410	OIL CONSERVATION DIVISION	RECEIVED	
Phone: (\$05) 334-6178 Fax: (505) 334-6170 <u>District N*</u> 1220 S, St, Francis Dr., Santa Fe, NM 87503 Phone: (505) 476-3460 Fax: (505) 476-3462	Santa Fe, NM 87505		AMENDED REPORT

			WELL LOCATI	ON AND	ACREAG	E DEDICA	TION PLA	Т	
30-0	'арі Nun 125 —	iber 4279	7 9.79	55 .		025 Gr	06526	3312P; 12	35
Proper	Property Code Property Name						" Welt-Kumber		
319	315270 SD EA 19 FED P6								5H
1'OGR	ID No.		-	* O	perator Name				⁹ Elevation
430	23			CHEVE	RON U.S.A. IN	IC.			3205'
•				" Sur	face Locat	ion			
UL or lot no,	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
В	19	26 SOUTH	33 EAST, N.M.P.M.		227'	NORTH	1747'	EAST	LEA
			" Bottom H	lole Locat	tion If Diff	erent From S	Surface		
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Fect from the	East/West line	County
0	19	26 SOUTH	33 EAST, N.M.P.M.		180'	SOUTH	2297'	EAST	LEA
	cres ¹³ Join	nt or Infill	¹⁴ Consolidation Code ¹³	Order No.					

No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

м — — — — — — — — — — — — — — — — — — —	TITTTY	B 1747'	"OPERATOR CERTIFICATION
	1	^в <u>1747'</u> <u> </u>	I hereby certify that the information contained herein is true and complete:
4			to the best of my knowledge and belief, and that this organization either
SD EA 18 FED P6 5H WELL			owns a working interest or unleased mineral interest in the land including
x= 724,767 NAD 27		Proposed First Take Point 330' FNL, 1759' FEL	the proposed bottom hole location or has a right to drill this well at this
Y = 377,402		330 FNL, 1739 FEL	location pursuant to a contract with an owner of such a mineral or
LAT, 32.035519			working interest, or to a voluntary pooling agreement or a compulsory
LONG. 103.607994			Rooling order heretofore entered by the division
X= 765,955 NAD83			
Y = 377,459 LAT. 32.035644			Signature - Mullo 5715
LONG. 103.608462	S 05°59'49"W 4,902		Signature Lindy Herrerge-Murillo
ELEVATION +3205' NAVD 88			Indu Herrera VI or 110
			Printed Name
			Cherreramurillop, cheurin, am
CORNER COORDINATES TABLE (NAD 27)			E-mail Address
A - Y=377622.81, X=723880.19	┝──╎╺┼╴╶┼╴ ┩	19	
B - Y=377632.53, X=725196.60	Proposed Producing Interval		"SURVEYOR CERTIFICATION
C - Y=372343.56, X=723916.33			I hereby certify that the well location shown on this
D - Y=372354.00, X=725234.87			plat was plotted from field notes of actual surveys
			made by me or under my supervision, and that the
PROPOSED BOTTOM HOLE			same is true and correct to the best of my belief.
LOCATION			· 10000
X= 724,255 NAD 27	e e		Gran 9 2015 J. DANIE
Y= 372,526 LAT. 32.022125		┝- ── ── ─┤	
LONG. 103.609752			Signature and Scill of Procession Sectors
X= 765,443 NAD83			
Y= 372,583		Proposed Last Take Point	(15078) [8]
LAT. 32.022250		330' FSL, 2280' FEL	
LONG. 103.610219		()	
1			
1		2297'	Certificate Number
C	munit	D	HICODE
			H1 7070
			T T
		•	
		SEP 23	2015
ed to Imaging: 11/30/2022 8:16:56 AM			

Released to Imaging: 11/30/2022 8:16:56 AM

Received by OCD: 11/29/2022 4:59:17 PM

;

HOBBSOCD

Phone: (\$75) 393-6161 Fax: (\$75) 393 <u>District II</u> &11 S. First St., Artesia, NM 88210 Phone: (\$75) 748-1283 Fax: (\$75) 748- <u>District III</u>		Energy, Mi OIL		of New Me Natural Re RVATION 1th St. Fra	exico sources Dep I DIVISION ncis Dr.	SEP 2 1 artment RECE	2015 Revi Submit one o NED	Form C- ised August 1, 2 copy to appropr District Of
1000 Rio Beazos Road. Acreo, NM 8741 Phone: (505) 334-6178 Fax: (505) 334- <u>District IV</u> 1220 S. St. Francis Dr., Santa Fe, NM 8 Phone: (505) 476-3460 Fax: (505) 476-3	6170			Fe, NM 8			🗌 АМ	IENDED REPO
·		L LOCATI	ION AND	ACREAC	E DEDICA			
API Number	198	979	55	WC-0	25 G-00	³ Pool Name	PP; BS	,
⁴ Property Code			, b	rop_rty Name	57	1		Well Numoe,
3/5270				EA 19 FED P6				6H
4323				perator Name RON U.S.A. IN	IC.			* Elevation 3205'
	,			face Locat				
UL or lot no. Section Tow	vnship	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	Cour
B 19 26	SOUTH 33 EA	ST, N.M.P.M.		207'	NORTH	1732'	EAST	LEA
UL or lot no. Section To	ownship	" Bottom F.		Feet from the	erent From S	Feet from the	East/West line	Cour
	•	AST, N.M.P.M.		180'	SOUTH	1659'	EAST	LEA
¹² Dedicated Acres ¹³ Joint or	Infill ¹⁴ Consol	lidation Code	Order No.	· ·		-		۰
160								
Y = 377, LAT. 32.035 LONG. 103.607	,783 NAD 27 ,422 5573 7944				sed First Take Poil)' FNL, 1728' FEL	it the proposed bon	inerest or inleased miner ium hole location or has a l to a contract with an own	right to drill this well at t
Y= 377, LAT. 32.035 LONG, 103.608 ELEVATION +32	698 3412 205' NAVD 88 TES TABLE (NAD 2	27)	S 01°17'57'E 4,891.97				ar to a voluntary pooling retofore entered by the div <u>entered</u> by the div <u>entered</u> -M <u>entered</u> -M	ugreement or a compulsor vision, Lucido 55 Date
LAT. 32.035 LONG, 103.608 ELEVATION +32 CORNER COORDINAT A - Y=377622.81, B - Y=377632.53, C - Y=372343.56, D - Y=372354.00, X= 724 Y= 37, LAT. 32.02 LONG. 103.60 X= 76	479 5698 5412 205' NAVD 88 TES TABLE (NAD : , X=723880.19 , X=725196.60 , X=723916.33 , X=725234.87 0000 HOLE 1000 HOLE 1	27)	7"E 4,891			Printed Name Frinted Name Printed Name E-mail Address ¹⁶ SURVE <i>I hereby cert</i> plat was plot made by me same is true Durof Survey Signature and S	resofore entered by the du <u>Price A</u> - M <u>Arrent Cra</u> - M <u>Arrent Cra - M <u>Arrent Cra - M <u>Arrent Cra - M <u>Arrent Cra - M</u> <u>Arrent Cra - M <u>Arrent Cra - M</u> <u>Arrent Cra - M <u>Arrent Cra - M</u> <u>Arrent Cra - M</u> <u>Arrent Cra - M <u>Arrent Cra - M</u> <u>Arrent Cra - M </u></u></u></u></u></u></u>	agreement or a computed asion, Date Date Murillo Date Murillo Date Contention

Released to Imaging: 11/30/2022 8:16:56 AM

. .

SEP 2.3 7115

<u>District I</u> 1625 N. French Di Phone: (575) 393- <u>District II</u> 811 S. First St., AL Phone: (575) 748- <u>District III</u> 1000 Rio Brazos R Phone: (505) 334- <u>District IV</u> 1220 S. St. Francis Phone: (505) 476-	6161 Fax: (57 rtesia. NM 882 1283 Fax: (57 toad, Aztee, N 6178 Fax: (50 t Dr., Santa Fe	15) 393-0720 10 5) 748-9720 M 87410 5) 334-6170 . NM 87505	Energy, M OI	linerals & L CONSE 1220 So	of New Me Natural Re RVATION uth St. Fran Fe, NM 8'	sources Dep DIVISION ncis Dr.	Artment HOBBS O		mit one c	Form C-102 sed August 1, 2013 copy to appropriate District Office ENDED REPORT
			WELL LOCAT	ION AND	ACREAG	E DEDICA	LION PLA	Ŧ		
30-0	'API Nur	^{uber} 4279	9 9795	Code C	WC-0	24 6-06	42633	, 19P;	B.S	
⁴ Proper	iy Code		······································	° (roperty Name	311			1	CII INMINOCI
315:	270			SD I	EA 19 FED P6					7H
	ID No.			⁸ C	perator Name					Elevation
430	23			CHEVI	RON U.S.A. IN	C				3206'
				" Su	face Locat	ion				
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/	Westline	County
В	19	26 SOUTH	33 EAST, N.M.P.M		188'	NORTH	1716'	EA	ST	LEA
•			" Bottom	Hole Locat	tion If Diff	erent From S	Surface			
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/	West line	County
Р	19	26 SOUTH	33 EAST, N.M.P.M		180'	SOUTH	979'	EA	ST	LEA
12 Dedicated A	cres ¹³ Joi	nt or Infill	¹⁴ Consolidation Code	¹⁵ Order No.						
160										



Released to Imaging: 11/30/2022 8:16:56 AM

SEP 2 3 2015

Page	10410	6195
	Server a server	1 1 2 2 2

Collection Point	Well Completion	API14	
KIEHNE RANCH 15-26-32 USA 1H	K 15-26-32 USA 1H	30025406020001	
SALADO DRAW 19 CTB	PORTER BROWN #1	30025408020001	
SALADO DRAW 19 CTB	SALADO DRAW 18-1	30025426590001	
SALADO DRAW 19 CTB	SALADO DRAW 18-10	30025441300001	
SALADO DRAW 19 CTB	SALADO DRAW 18-11	30025441310001	
SALADO DRAW 19 CTB	SALADO DRAW 18-12	30025441320001	
SALADO DRAW 19 CTB	SALADO DRAW 18-13	30025441330001	
SALADO DRAW 19 CTB	SALADO DRAW 18-14	30025441390001	
SALADO DRAW 19 CTB	SALADO DRAW 18-15	30025441340001	
SALADO DRAW 19 CTB	SALADO DRAW 18-16	30025440880001	
SALADO DRAW 19 CTB	SALADO DRAW 18-17	30025440890001	
SALADO DRAW 19 CTB	SALADO DRAW 18-18	30025440900001	
SALADO DRAW 19 CTB	SALADO DRAW 18-19	30025441670001	
SALADO DRAW 19 CTB	SALADO DRAW 18-2	30025426600001	
SALADO DRAW 19 CTB	SALADO DRAW 18-20	30025440910001	
SALADO DRAW 19 CTB	SALADO DRAW 18-3	30025422780001	
SALADO DRAW 19 CTB	SALADO DRAW 18-4	30025422790001	
SALADO DRAW 19 CTB	SALADO DRAW 18-5	30025427950001	
SALADO DRAW 19 CTB	SALADO DRAW 18-6	30025427960001	
SALADO DRAW 19 CTB	SALADO DRAW 18-8	30025441130001	
SALADO DRAW 19 CTB	SALADO DRAW 18-9	30025441290001	
SALADO DRAW 19 CTB	SALADO DRAW 19-1	30025426610001	
SALADO DRAW 19 CTB	SALADO DRAW 19-2	30025426620001	
SALADO DRAW 19 CTB	SALADO DRAW 19-3	30025422800001	
SALADO DRAW 19 CTB	SALADO DRAW 19-4	30025422810001	
SALADO DRAW 19 CTB	SALADO DRAW 19-5	30025427970001	
SALADO DRAW 19 CTB	SALADO DRAW 19-6	30025427980001	
SALADO DRAW 19 CTB	SALADO DRAW 19-7	30025427990001	
SALADO DRAW 23 CTB	SALADO DRAW P418 10H	30025467290001	
SALADO DRAW 23 CTB	SALADO DRAW P418 8H	30025467260001	
SALADO DRAW 23 CTB	SALADO DRAW P418 9H	30025467280001	
SALADO DRAW 23 CTB	SALADO DRAW P419 11H	30025467300001	
SALADO DRAW 23 CTB	SALADO DRAW P419 12H	30025467310001	
SALADO DRAW 23 CTB	SALADO DRAW P419 13H	30025456810001	
SALADO DRAW 23 CTB	SALADO DRAW P419 14H	30025467320001	
SALADO DRAW 23 CTB	SD 14 23 FED P18 10H	30025458190001	
SALADO DRAW 23 CTB	SD 14 23 FED P18 10H	30025458200001	
SALADO DRAW 23 CTB	SD 14 23 FED P18 12H	30025458210001	
SALADO DRAW 23 CTB	SD 14 23 FED P18 9H	30025458670001	
SALADO DRAW 23 CTB	SD 14 23 FED P19 17H	30025457060001	
SALADO DRAW 23 CTB	SD 14 23 FED P19 18H	30025458250001	
SALADO DRAW 23 CTB	SD 14 23 FED P19 19H	30025457070001	
SALADO DRAW 23 CTB	SD 14 23 FED P19 1911	30025458260001	
SALADO DRAW 23 CTB	SD WE 14 FED P5 1H	30025428000001	
SALADO DRAW 23 CTB	SD WE 14 FED P5 2H	30025428000001	
		30023420010001	

BEFORE THE OIL CONSERVATION DIVISION Santa Fe, New Mexico Exhibit No. 5 Submitted by: Chevron U.S.A. Inc. Hearing Date: December 1, 2022 Case No. 23174

	20025420070004
-	30025430870001
	30025436130001
	30025435940001
	30025435950001
	30025436400001
	30025436410001
SD WE 15 FED P9 7H	30025436420001
SD WE 23 FED P25 5H	30025434600001
SD WE 23 FED P25 6H	30025434610001
SD WE 23 FED P25 7H	30025434620001
SD WE 23 FED P5 1H	30025428020001
SD WE 23 FED P5 2H	30025428030001
SD WE 23 FED P7 #3H	30025430880001
SD WE 23 FED P7 #4H	30025430890001
SD WE 24 FED P23 1H	30025433180001
SD WE 24 FED P23 2H	30025432960001
SD WE 24 FED P23 3H	30025432970001
SD WE 24 FED P23 4H	30025432980001
SD WE 24 FED P24 5H	30025436740001
SD WE 24 FED P24 6H	30025436730001
SD WE 24 FED P24 7H	30025436750001
SALADO DRAW 29-1	30025426290001
SALADO DRAW 29-10	30025432690001
SALADO DRAW 29-11	30025432700001
SALADO DRAW 29-12	30025432710001
SALADO DRAW 29-13H	30025443330001
SALADO DRAW 29-14H	30025443340001
SALADO DRAW 29-15H	30025443350001
SALADO DRAW 29-16H	30025443360001
SALADO DRAW 29-17H	30025444850001
SALADO DRAW 29-18H	30025444860001
SALADO DRAW 29-19H	30025444870001
SALADO DRAW 29-2	30025426370001
SALADO DRAW 29-20H	30025444880001
SALADO DRAW 29-3	30025426380001
SALADO DRAW 29-4	30025426390001
SALADO DRAW 29-5	30025424400001
SALADO DRAW 29-6	30025424410001
SALADO DRAW 29-7	30025424420001
SALADO DRAW 29-8	30023424430001
SALADO DRAW 29-8 SALADO DRAW 29-9	30025424430001 30025432680001
	SD WE 23 FED P25 6HSD WE 23 FED P25 7HSD WE 23 FED P5 1HSD WE 23 FED P5 2HSD WE 23 FED P7 #3HSD WE 23 FED P7 #4HSD WE 24 FED P23 1HSD WE 24 FED P23 2HSD WE 24 FED P23 3HSD WE 24 FED P23 3HSD WE 24 FED P23 4HSD WE 24 FED P24 5HSD WE 24 FED P24 6HSD WE 24 FED P24 7HSALADO DRAW 29-10SALADO DRAW 29-11SALADO DRAW 29-13HSALADO DRAW 29-16HSALADO DRAW 29-17HSALADO DRAW 29-19HSALADO DRAW 29-20HSALADO DRAW 29-20HSALADO DRAW 29-20HSALADO DRAW 29-3SALADO DRAW 29-3SALADO DRAW 29-4SALADO DRAW 29-5SALADO DRAW 29-6SALADO DRAW 29-7

Production Accounting Overview

Oil production accounting

Remains unchanged and will be paid based off well test rates

Gas production accounting:

- Producers:
 - Accounting method remains unchanged
 - Royalty owners will receive payment based on produced gas upstream of gas injection using normal production allocation method

Temporary Gas re-injectors:

This "temporary" change lasts hours to days, not a long duration injection

During gas re-injection: no production

After gas re-injection: we're keeping owners whole, not paying double royalties

- We will utilize mass balance to track gas in and gas out
- Once the total volume of gas injected is recovered, we'll know additional gas is native reservoir gas
 production
 BEFORE THE OIL CONSERVATION DIVISION
 Construction
 Construction
 Construction

EFORE THE OIL CONSERVATION DIVISIO Santa Fe, New Mexico Exhibit No. 6 Submitted by: Chevron U.S.A. Inc. Hearing Date: December 1, 2022 Case No. 23174



Map view

Regional Location Map and Generalized Stratigraphy

Y Proposed periodic injection interval/location

Salado Draw Type Log Well (019H Pilot*)

BEFORE THE OIL CONSERVATION DIVISION Santa Fe, New Mexico Exhibit No. 7 Submitted by: Chevron U.S.A. Inc. Hearing Date: December 1, 2022 Case No. 23174

	S	alado D	raw		T2	<u>6S-R32E</u>	
	15	14	13		17	16	
	22	23	24	19	20	21	
	27	26	25	30	29	28	
NM	34	35	36	31	32	338	
TX	4 ~ 1 mi	3 le	2	1	6	5	

Generalized Stratigraphic Section*

Formation Top	Lithology	~TVD (ft)	~TVDSS (ft)	~Thickness TVDT (ft)
Ground elevation			-3150	
Dockum Group	Sandstone	100	-3050	550
Rustler	Dol/Anhyd	650	-2500	350
Salado	Halite	1000	-2150	2000
Castile	Anydrite	3000	-150	1800
Delaware Mountain Group	Sandstone	4800	1650	4100
Upper Avalon 🔆	Siliceous mudstone Carbonate	8900	5750	200
Upper Avalon 2	with silica-rich mudstone	9100	5950	300
Lower Avalon	Silica-rich mudstone	9400	6250	500
First Bone Upper	Silica-rich mudstone	9900	6750	2100
Wolfcamp	Siliceous mudstone and sandstone	12000	8850	



Mountains

Springs
Salado Draw Cross-section Index Map



BLM lease NM 27506 Private/other BLM lease (see lease map Released to Imaging: 11/30/2022 8:16:56 AM



BEFORE THE OIL CONSERVATION DIVISION Santa Fe, New Mexico Exhibit No. 9 Submitted by: Chevron U.S.A. Inc. Hearing Date: December 1, 2022 Case No. 23174

Salado Draw Cross-section

Key message: The target injection interval is the Upper Avalon (AVU), which is overlain by the Bone Spring Limestone (BSL) and underlain by Upper Avalon 2 (AVU2). All layers show a consistent thickness and lithology in the area.



Salado Draw Map: Top of Avalon (SSTVD) **BEFORE THE OIL CONSERVATION DIVISION**



Submitted by: Chevron U.S.A. Inc. **Salado Draw Avalon Thickness Map** Hearing Date: December 1, 2022



BEFORE THE OIL CONSERVATION DIVISION Santa Fe New Mexico of 195

Case No. 23174

I have examined the available geologic and engineering data, respectively, and found no evidence of open faults or other hydrologic connections between the injection zone and any underground source of drinking water.

S 11/28/22 Date 11/28/22 Date

Alexandra Ellyn Puleston Fleming, Geologist Date

-

Stefan Lattimer, Production Engineer

1

BEFORE THE OIL CONSERVATION DIVISION Santa Fe, New Mexico Exhibit No. 12 Submitted by: Chevron U.S.A. Inc. Hearing Date: December 1, 2022 Case No. 23174

ceived by OCD: 1	1/29/2022 4:59:17 PM BEFORE THE OIL CONSERVATION D	IVISION	Page 114 of 19.
Chevron	Santa Fe, New Mexico Exhibit No. 13 Submitted by: Chevron U.S.A. Hearing Date: December 1, 20 Case No. 23174	inc.	Personal Experience Record
Name :	Stefan Lattimer	Date Prepared :	Click here to enter a date.
Service Date :	May 23, 2004	Personnel Number (Do Not Use SS#):	

Significant Outside Activities & Accomplishments (Work Related Only)

-Member of SPE since 2004.

-Member of the SPE-GCS Scholarship Committee for 2015-2020. At 2016 awards banquet, the Education Committee (which includes the Scholarship Committee) was given the Committee of the Year Award.

-Chosen by Chevron to represent Chevron and the University of Texas at the annual LeaderShape Institute training conference in 2016-2018. -Completed the University of Texas McCombs School of Business Energy Certificiate program in 2015.

EXPERIENCE: 18 years of Production, Reservoir, Operations and Stimulation experience across various reservoirs, recovery mechanisms, business units, including:

- Reservoirs: gas condensate w/ gas re-injection, offshore primary depletion, offshore w/ gas re-injection, offshore w/ waterflood, carbonate and clastics
- EBU (NOJV), SASBU, GOMBU, MCBU
- MCPs (Phase 1-5), Brownfield and Greenfield developments, single well CPDEP to multiple riglines
- RM Excellence Award SASBU (2014), EBU (2018)
- Reserves QRE (Simulation Karachaganak)
- Project Manager / leadership roles, ensuring cross-functional alignment on multiple projects and teams
- Building collaborative relationships with internal and external stakeholders (NOJV Parent Companies, Operator Partners, Governments, DRBs, SSTRs, RAC & RAM engagements, R&D w/ Vendors, University staff & students via Recruiting Team Lead)
- Agile/Lean Sigma focus on process improvement and efficiencies
 - Karachaganak Business Plan workflows, Karachaganak AFE approval workflows, SASBU WJR (Well Jacket Review) tool & process, GOMBU Lean Sigma projects, new technology trials
- Digital/Data Science completed Digital 101 certification, completed courses Data Science 101, Date Science 102, and Data Science for Petroleum Engineers
- Economics work with DA on evaluations for Deepwater New Field developments, individual well work activities & optimizations, and single well & multi-well AFE packages
- Mentor for new hires via Horizons program, for interns via annual Corporate Intern Events, for fellow employees technically & w/ soft skills

Education (Beyond High School Only)

Dates attended	School	Year Graduated	Remarks (Including specialization, degrees, extra activities, etc.)
2003-2007	University of Texas at Austin	2007	B.S. with Honors Petroleum Engineering
2015	University of Texas at Austin	2015	McCombs School of Business Energy Certificate

Non Company Experience (Including Military)

Please list most recent experience first.

Job Details	Job Description		
Dated (Month/Year): June – Aug. 2003	Petroleum Engineer Intern: Worked in International Operations helping various groups		
Employer: Anadarko	complete projects including pipeline sizing versus cost in Alaska, to well log data formatting in Gabon and Egypt, and to researching potential investment interests in Norway.		
Location: Houston, TX	Cabon and Egypt, and to researching potential investment interests in Norway.		

.

Company Experience

Please list most recent experience first.

Job Details	Job Description
Dates (Month/Year): 11/2020 – current SBU: MCBU	Senior PE for all Delaware Basin assets. Coordinate all well work, optimization and new well production activities. Oversee Salado Draw asset while assisting other basin areas.
Job Title: Senior Production Engineer Advisor, Delaware Basin	
Location: Midland, TX	
Dates (Month/Year): 11/2017 – 10/2020 SBU: EBU Job Title: Karachaganak NOJV Base Business Petroleum Engineer Location: Houston, TX	Karachaganak field is a giant Gas Condensate field in Western Kazakhstan. The asset is operated by ENI/Shell and Chevron maintains active technical oversight to improve the performance from the field. KGK produces 230 MBO/D and 1,800 MMCF/D with ~50% sour gas re-injection. CVX's share is 18%, net volume is Top 10 for corporate reserves. Supervisor and management are located in Almaty, Kazakhstan. Received RM Excellence Award in 2018.
	CVX Work Processes Support -
	1. Small Capital Projects - coordinated and completed 1-Yr and 2-Yr Well Lookbacks for 25+ wells. Worked with DA on evaluations.
	2. BPlan - championed and completed all BPlan activities on-time for EBU and EEME approval. Co-developed NEW 3-YR Probabilistic Forecast Tool. EXCEEDED BPlan targets every year.
	3. Reserves - championed and coordinated annual Reserves process as QRE. Facilitated team efforts to generate RAC presentations and led Subsurface Team through YE19 RAC Meeting.
	Future Growth Project Support -
	1. Permian Reservoir Development Project Manager - Led the SS team through RM work processes. Gained Permian Ph. 1 AFE approval (>\$100MM). Achieved production 6 months ahead of schedule due to temporary hook-up options. Influenced the Operator on well testing needs for Ph. 1 wells to help support future Ph. 2 program. Positively influenced Operator on timing of Ph. 2. Achieved EBU milestone for completing the Permian Development Plan.
	2. ETC Studies Coordinator - Lead for Parent Companies for Chevron sponsored ETC Acid Optimization Study. Completed a study for AICDs with a plan to trial a new completion strategy in hopes to improve reservoir conformance control.
	Base Business Support -
	1. Well Maturation - created a new & simplified Wellsite Checklist tool for AFE process. Coordinated an improved turnaround timeline for the AFE process. Facilitated AFE and GO- 36 processes and approvals for 20+ wells. Work with DA on well evaluations
	2. Rig Queue - continually work with Operator to optimize the rig queue at Wells Workshop meetings, including approving wells for campaigns and well order including precedents.
	3. D&C - took on the role of Karachaganak Drilling Engineer for 9 months while team member was on medical leave. Activities included reviewing drilling plans, hazard analysis, reviewing time and cost estimates, monitoring daily progress and report updates.
	4. New Well Studies - completed analysis of Gravity Drainage well theory and provided feedback to Operator. Influence has led to 1 well in the next well program to test the concept and an additional well in the following program.
	5. New Technology - 2 successful field trials of a Chevron 1 st Technology for StimTunnel with an influence WIN of getting Operator to extend the plan for the 2nd trial tunnels.

	6. SA&O - completed SA&O gap assessment.
	7. Meetings - attend partner meetings for Tech Forums and Wells Workshops. Represent Chevron on the SCT board (with Shell & ENI) providing feedback to Operator on well stimulation plans as well as other technical advice. Lead colleague on the SCT, coordinating, planning, and hosting monthly meetings.
	Other Roles -
	1. PENCOP - Core Team Member, Lunch & Learn Coordinator
	2. Recruiting Team Lead for PE and D&C functions for e-Recruiting.
Dates (Month/Year): 1/2016 – 10/2017 SBU: ETC Job Title: PEWP RPE Stimulation Advisor	1. Project Manager for Dendritic Well Stimulation in Carbonates - collaborated with Baker Hughes in a joint study for tool development, testing, and field trials. IMPACT: Successful alternative for unlocking the production potential from thin zones flanked by water and/or gas that are non-ideal fracturing candidates, like the Unit 2 formation at Tengiz. Presented our study at the RMF and TRU Forums. Successful field trial at Chevron NOJV asset.
Location: Houston, TX	2. Papa Terra Support - completed sensitivity modeling & testing for optimal completion design for Channel Complex reservoir architecture. IMPACT: Provided Papa Terra and LABU with well designs for more optimal completions and production over the current poor performance from the field.
	3. Anchor DWEP Support - project manager for 3 projects, including production modeling in REVEAL to compare completion alternatives for input into the D&C CAST workshop, a scale tendency and inhibition study and testing, and a fines migration study and testing.
	4. PZ Support - project manager for a study on production modeling of stimulation alternatives for the new tight rock reservoirs at the PZ fields.
	5. CTV Support - managed & completed a reservoir and production modeling review for CTV's McElroy field trial of tunneling technology. IMPACT: Provided CTV with an understanding of why the pilot was not successful in the producer and recommendations for possibilities going forward that could make the project a success, like addressing tunneling in injectors instead to better effect the water sweep efficiency.
	Other Roles -
	1. 2016 MET Learning Group Leader - developed my communication & leadership skills through project team planning and execution. Group's project covered "How Chevron Managed Change" which highlighted the environment of change in our industry and how Chevron specifically was able to weather the storm, establish a vision for the future, and how key messages and strategies were communicated to the corporation. Following the interest and success of the team's MET project, I provided review and feedback to the corporate strategy group on their plans for a refresh of Chevron's vision and strategies.
	2. PENCoP - Champion, board member, and Lunch & Learn coordinator
Dates (Month/Year): 1/2012 - 12/2015	1. Selected and attended the SASBU Leadership Forum.
SBU: SASBU Job Title: Block 0 RMS Production Engineer	2. Supported special projects with production analysis for 6 fields (Area B) producing over 120,000 bopd. Projects consisted of maturing 16 new drill prospects at 3 fields through the CPDEP process.
Location: Houston, TX	3. Developed, championed and facilitated all Well Jacket Review (WJR) tool developments, meetings, processes, and tracking for Area B and Greater Takula Area. This process was recognized by Base Business SRO group as a SASBU best practice. Using the WJR tools, Area B significantly improved its well intervention work, mostly related to surveillance. This significantly impacted Area B surveillance strategies, helping relations with partners, and working closer to adhering to SA&O guidelines.
	4. Championed the successful project development and field deployment of 2 pilot programs of a new technology for the 1 st time in SASBU and Chevron worldwide. The e-line deployed robotic tools were focused on scale milling and debris/fill removal to address a backlog of well work for Coil Tubing that continued to grow larger every year. Able to negotiate the

GO-400-2 (2-15)3

.

•					
	development of additional tools just for SASBU and the cost structure for money saving alternatives for conducting clean-outs.				
	5. Investigated, developed, and recommended new methods or technologies for enhancing production. GeoForm which was introduced for Takula completion applications, was recently trialed for the 1 st time in Chevron in the new Nsinga development. Tested digital slickline in replacement of E-line for TTP jobs and straddle packers to execute gas shut-off opportunities in Sanha and Nemba.				
	6. Filled in at an additional role of Production Engineer for the Takula fields as well as Area B where I progressed MRWOs and new drills through the Single Well CPDEP process.				
	Other Roles -				
	1. LEAN SIGMA - Worked with KC Littlefield to brainstorm and kick-off new projects.				
	2. MENTORING & Recruiting - Developed others through working with college recruiting teams, the summer intern program, and the Horizons program. With the Horizons program, I was a speaker/facilitator at many of their sessions. Led the Career Development committee for the Houston and San Ramon Corporate Intern Events. I worked with Susan Howes to help Chevron host a dinner for SPE Scholarship winners for 3 years.				
	3. PENCOP - Houston SASBU Champion				
Dates (Month/Year): 1/2010 – 12/2011 SBU: GOMBU	Analyzed and coordinate well optimization jobs for offshore oil and gas wells. Monitored well production and process systems for rate improvement and OPEX reduction. In 2010, was				
Job Title: Western Shelf Eugene Island 238 Field Production Operations Engineer	the only field to grow production throughout the entire year, nearly double by year end. Championed multiple LEAN SIGMA teams and field optimization studies to better improve reliability. In 2011, my Lean Sigma project for EI 238 Field brought in over \$165MM for GOMBU West, more than 4 times the corporate goal for the West. Initiated and/or helped				
Location: Lafayette, LA	lead more than a dozen workover/new well opportunities in El 238 Field with 1 well becoming the largest oil producer in GOMBU West, making over 2000 bopd. Worked to increase roles and responsibilities of the Ops. Eng. to encompass more in order to save costs and time and increase production sooner. Worked with vendors to advance and test new well technologies like Baker's ExtendLift, Weatherford's SandAid, and Baker's Restore. Managed contractor man hours and costs. Conducted advanced well and facility reviews. Managed and implemented safe work practices. Performed economic analysis for well work activities, including workovers and optimizations.				
Dates (Month/Year): 8/2007 – 12/2009 SBU: SASBU Job Title: Block 14 New Field Development Reservoir Simulation Engineer	1. NEGAGE Field - Generated profiles for Negage SSTR and Peer Reviews. Coupled & calibrated Negage IPM & Chears models for profiling and simulation work in order to build a probabilistic Economic and DA model. Created IPM models to generate P10-50-90 profiles for multiple "satellite plays" for input into the Economic and DA model. Investigated better ways to model each reservoir and increase recovery using IPM.				
Location: Houston, TX	2. LUCAPA Field - Assisted the team with moving the project from Phase 2A to 2B, to 2C and to Phase 3. Built probabilistic simulation models and profiles for the Conceptual Development Plan for Angolan Gov't approval, for the DA model, and for partner workshops, using multiple versions of geological modeling, including DoE (Design of Experiments). Ran VOI (Value of Information) studies on multiple new well cases.				
	3. OTHER - Planned and coordinated the 2008 and 2009 SASBU BAM meetings and mentored Euridice Ferreira.				
	4. MENTORING - Mario Dias (Sonangol) and Richin Chhajlani on IPM and building a reservoir surveillance plan.				
Dates (Month/Year): 5/2006 – 8/2006	Investigated various development options with a primary focus on maximizing gas injection				
SBU: SASBU	capacity for the deepwater Negage field. Performed P10-50-90 well profiling work along with optimized simulation profiles for the field development. Mentored by Masroor Chaudhri.				
Job Title: Block 14 New Field Development Reservoir Simulation Engineer					
	1				

Location: Houston, TX				
Salary Grade(s): Intern				
Supervisor(s): Kathy Mabe				
Dates (Month/Year): 5/2005 - 8/2005	Designed a Workover Risk Index program to be used on future job evaluations. The tool			
SBU: GOMBU	modeled expected AFE days and cost for future well work.			
Job Title: Workover/Cased Hole Engineer				
Location: Lafayette, LA				
Salary Grade(s): Intern				
Supervisor(s): Dan Shulaw				
Dates (Month/Year): 5/2004 - 8/2004	Performed daily maintenance and operation checks on one of Chevron's premier deepwater			
SBU: GOMBU	platforms. Assisted with and learned from operations with Halliburton and Schlumberger like wireline and coil tubing. Summer project involved researching, vendor product interview and analysis, and recommending the installation of a new system on the CFU (Column Flotation			
Job Title: Operations Engineer				
Location: Offshore Genesis Platform	Unit) to replace the existing sparge tube system. Potential savings for the project were			
Salary Grade(s): Intern	\$250,000 or more a year.			
Supervisor(s): Ammi Tan				
Dates (Month/Year):				
SBU:				
Job Title:				
Location:				
Salary Grade(s):				
Supervisor(s):				

Closed Loop Gas Capture (CLGC) introduction



Typical production operation

Closed loop gas capture operation



Process overview:

- During 3rd party interruption, wells utilized in CLGC operations will have production valves shut in.
- Gas lift rate will be increased to CLGC target, while measured & metered at the existing gas lift meter and flow controller.
- Injected gas flows down the tubing-casing annulus, through the orifice and unloading valves, entering the tubing, lateral, and fracture network near the wellbore
 BEFORE THE OIL CONSERVATION DIVISION
- When constraint is lifted, injection is ceased, and the well is returned to production operations.

EFORE THE OIL CONSERVATION DIVISION Santa Fe, New Mexico Exhibit No. 14 Submitted by: Chevron U.S.A. Inc. Hearing Date: December 1, 2022 Case No. 23174







.

SLIDE 1 PORTER BROWN 1H

Operator: CHEVRON U S A INC



BEFORE THE OIL CONSERVATION DIVISION Santa Fe, New Mexico Exhibit No. 15 Submitted by: Chevron U.S.A. Inc. Hearing Date: December 1, 2022 Case No. 23174

*Note - Diagram not to scale

SLIDE 2 PORTER BROWN 1H

Tubing Size:	2 7/8"	Lining Material:	UNLINED
Type of Packer:	BAKER HORNET 4 1/2" x 1.930"		
Packer Setting Depth:	8980' MD / 8931' TVD		
	Other Type of Tubing/Casing Seal (if applicable):	N/A	
		Additional Data	
1	Is this a new well drilled for injection?		Yes No
	If no, for what purpose was the well originally d	filled?	PRODUCER - OIL
2	Name of the Injection Formation:	AVALON	
3	Name of Field or Pool (if applicable):	BONE SPRINGS	
	Has the well ever been perforated in any other a intervals and give plugging detail, i.e. sacks of ce		orated
	N/A		
	Give the name and depths of any oil or gas zone injection zone in this area:	s underlying or overlying	the proposed
	OVERLYING: BRUSHY CANYON	UNDERLYING:	FIRST BONE SPRING

SLIDE 1 SALADO DRAW 18 26 33 FEDERAL 1H

Operator: CHEVRON U S A INC



^{*}Note - Diagram not to scale

SLIDE 2 SALADO DRAW 18 26 33 FEDERAL 1H

Tubing Size:	2 7/8"	Lining Material:	UNLINED
Type of Packer:	BAKER HORNET 4 1/2" x 2.375"		
Packer Setting Depth:	8638' MD / 8619' TVD		
	Other Type of Tubing/Casing Seal (if applicable):	N/A	
		Additional Data	
1	Is this a new well drilled for injection?		Yes No
	If no, for what purpose was the well originally d	rilled?	PRODUCER - OIL
2	Name of the Injection Formation:	AVALON	
3	Name of Field or Pool (if applicable):	BONE SPRINGS	
4	Has the well ever been perforated in any other a intervals and give plugging detail, i.e. sacks of ce		forated
	N/A		
5	Give the name and depths of any oil or gas zone injection zone in this area:	es underlying or overlying	g the proposed
	OVERLYING: BRUSHY CANYON	UNDERLYING:	FIRST BONE SPRING

SLIDE 1 SALADO DRAW 18 26 33 FEDERAL 3H

Operator: CHEVRON U S A INC



*Note - Diagram not to scale

SLIDE 2 SALADO DRAW 18 26 33 FEDERAL 3H

Tubing Size:	ize: 27/8" Lining Material: UNLINED		
Type of Packer	HALLIBURTON Arrowset 5.5" x 2.875"		
Packer Setting Depth	8726' MD / 8714' TVD		
	Other Type of Tubing/Casing Seal (if applicable): -	N/A	
		Additional Data	
1	Is this a new well drilled for injection?		Yes No
	If no, for what purpose was the well originally c	Irilled?	PRODUCER - OIL
2	Name of the Injection Formation:	AVALON	
3	Name of Field or Pool (if applicable):	BONE SPRINGS	
4	Has the well ever been perforated in any other intervals and give plugging detail, i.e. sacks of co		forated
	N/A		
5	Give the name and depths of any oil or gas zone injection zone in this area:	es underlying or overlying	g the proposed
	OVERLYING: BRUSHY CANYON	UNDERLYING:	FIRST BONE SPRING

SLIDE 1 SALADO DRAW 18 26 33 FEDERAL 4H

Operator: CHEVRON U S A INC



*Note - Diagram not to scale

SLIDE 2 SALADO DRAW 18 26 33 FEDERAL 4H Tubing Size: 27/8" Lining Material: UNLINED Type of Packer: HALLIBURTON 4.6" x 2.360" Packer Setting Depth: 8706' MD / 8694' TVD Other Type of Tubing/Casing Seal (if applicable): N/A Additional Data 1 Is this a new well drilled for injection? Yes No If no, for what purpose was the well originally drilled? **PRODUCER - OIL** 2 Name of the Injection Formation: AVALON 3 Name of Field or Pool (if applicable): BONE SPRINGS 4 Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e. sacks of cement or plugs used. N/A 5 Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area: OVERLYING: BRUSHY CANYON UNDERLYING: FIRST BONE SPRING

SLIDE 1 SALADO DRAW 19 26 33 FED COM 1H

Operator: CHEVRON U S A INC

Well Name SALADO DRAW 19-26-33 FED 001H					Business Unit Mid-Continent	
SALADO DRAW 19-26-33 FED 001H						
Area Surface U Delaware Basin 300254:		rface UWI)02542661		Well Type Oil Producer	Well Type Oil Producer	
Latitude (°) 32° 2' 8.117'' N			Longitude (°) 103° 36' 59.22'' W			
North/South Distance (ft) 200.0			East/West Distance (ft) 898.0			East/West Reference
Township Range 26 33				Section 19		
	re Schematic			Well Constructi	on Data	

Wellbore Schematic



Hole Size:	17 1/2"	_	Casing Size:	13 3/8"
Cemented with:	1.000		Method	
_	1,006	_sx.	Determined:	CIRC
Top of Cement:	SURF	_		
		later	madiata Casina	
		Intermediate Ca		
Hole Size:	12 1/4"	_	Casing Size:	9 5/8"
• • • • • •			Method	
Cemented with:	1,507	sx.	Determined:	CIRC
Top of Cement:	SURF	_	_	

Surface Casing

Production Casing

Hole Size:	8 3/4"		Casing Size:	5 1/2"
Comonte duvith		_	Method	
Cemented with:	1,678	sx.	Determined:	CALC
Top of Cement:	1832		_	

Injection Interval 9,420 MD to 13,642 MD feet perforated

*Note - Diagram not to scale

SLIDE 2 SALADO DRAW 19 26 33 FED COM 1H

Tubing Size:	2 7/8"	Lining Material:	UNLINED
Type of Packer:	BAKER HORNET 4 1/2" x 2.375"		
Packer Setting Depth:	8658' MD / 8636' TVD		
	Other Type of Tubing/Casing Seal (if applicable):	N/A	
		Additional Data	
1	Is this a new well drilled for injection?		Yes No
	If no, for what purpose was the well originally d	rilled?	PRODUCER - OIL
2	Name of the Injection Formation:	AVALON	
3	Name of Field or Pool (if applicable):	BONE SPRINGS	
4	Has the well ever been perforated in any other a intervals and give plugging detail, i.e. sacks of ce		forated
	N/A		
5	Give the name and depths of any oil or gas zone injection zone in this area:	es underlying or overlying	g the proposed
	OVERLYING: BRUSHY CANYON	UNDERLYING:	FIRST BONE SPRING

SLIDE 1 SD EA 18 FEDERAL P6 5H

Operator: CHEVRON U S A INC



*Note - Diagram not to scale

SLIDE 2	SD EA 18 FEDE	RAL P6 5H		
	Tubing Size:	2 7/8"	Lining Material:	UNLINED
	Type of Packer:	BAKER HORNET 2 3/8"		
Pack	er Setting Depth:	8747' MD / 8726' TVD		
		Other Type of Tubing/Casing Seal (if applicable):	N/A	
			Additional Data	
	1	Is this a new well drilled for injection?		Yes
		If no, for what purpose was the well originally drilled?		PRODUCER - OIL
	2	Name of the Injection Formation:	AVALON	
	3	Name of Field or Pool (if applicable):	BONE SPRINGS	
	4	Has the well ever been perforated in any other zone(s)? intervals and give plugging detail, i.e. sacks of cement or		
		N/A		
	5	Give the name and depths of any oil or gas zones under injection zone in this area:	ying or overlying the propos	sed
		OVERLYING: BRUSHY CANYON	UNDERLYING:	FIRST BONE SPRING

SLIDE 1 SD EA 18 FEDERAL P6 6H

Operator: CHEVRON U S A INC



*Note - Diagram not to scale

SLIDE 2	SD EA 18 FEDE	RAL P6 6H		
	Tubing Size:	2 7/8"	Lining Material:	UNLINED
	Type of Packer	: BAKER HORNET 4 1/2" x 3.347"	-	
ł	Packer Setting Depth	: <u>8698' MD / 8696' TVD</u>	-	
		Other Type of Tubing/Casing Seal (if applicable)	N/A	
			Additional Data	
	1	Is this a new well drilled for injection?		Yes No
		If no, for what purpose was the well originally drilled?		PRODUCER - OIL
	2	Name of the Injection Formation:	AVALON	
	3	Name of Field or Pool (if applicable):	BONE SPRINGS	
	4	Has the well ever been perforated in any other zone(s)? I intervals and give plugging detail, i.e. sacks of cement or		
		N/A		
	5	Give the name and depths of any oil or gas zones underly injection zone in this area:	ing or overlying the propos	ed
		OVERLYING: BRUSHY CANYON	UNDERLYING:	FIRST BONE SPRING

SLIDE 1 SALADO DRAW 19 26 33 FED COM 2H

Operator: CHEVRON U S A INC



*Note - Diagram not to scale

.

SLIDE 2 SALADO DRAW 19 26 33 FED COM 2H

Tubing Size: 27/8"

Lining Material: UNLINED

Type of Packer: BAKER HORNET 4 1/2" x 2.310"

Packer Setting Depth: 8622' MD / 8621' TVD

Other Type of Tubing/Casing Seal (if applicable): N/A

		Additional Data	<u>l</u>		
L	Is this a new well drilled for injection?	-		Yes	No
	If no, for what purpose was the well originally drilled?			PRODUCER - OIL	
2	Name of the Injection Formation:	AVALON			
3	Name of Field or Pool (if applicable):	BONE SPRINGS	5		
4	Has the well ever been perforated in any other zone(s)?		forated		
	intervals and give plugging detail, i.e. sacks of cement of	r plugs used.			
	N/A				
5	Give the name and depths of any oil or gas zones under injection zone in this area:	lying or overlyin	g the propose	ed	
	OVERLYING: BRUSHY CANYON	UI	NDERLYING:	FIRST BONE SPRING	

SLIDE 1 SALADO DRAW 19 26 33 FEDERAL 3H

Operator: CHEVRON U S A INC



*Note - Diagram not to scale

SLIDE 2	SALADO DRAW	19 26 33 FEDERAL 3H		
	Tubing Size:	2 7/8"	Lining Material	: UNLINED
	Type of Packer:	HALLIBURTON 4.6" x 2.360"		
	Packer Setting Depth:	8642' MD / 8619' TVD		
		Other Type of Tubing/Casing Seal (if applicable):	N/A	
			Additional Data	
	1	Is this a new well drilled for injection?		Yes
		If no, for what purpose was the well originally drilled?		PRODUCER - OIL
	2	Name of the Injection Formation:	AVALON	
	3	Name of Field or Pool (if applicable):	BONE SPRINGS	
	4	Has the well ever been perforated in any other zone(s)? I intervals and give plugging detail, i.e. sacks of cement or		
		N/A		
	5	Give the name and depths of any oil or gas zones underly injection zone in this area:	ing or overlying the propo	sed
		OVERLYING: BRUSHY CANYON	UNDERLYING	: FIRST BONE SPRING

SLIDE 1 SALADO DRAW 19 26 33 FEDERAL 4H

Operator: CHEVRON U S A INC



*Note - Diagram not to scale

SLIDE 2	SALADO DRA	W 19 26 33 FEDERAL 4H			
	Tubing Size:	2 7/8"	Lining Material:	UNLINED	
	Type of Packer:	HALLIBURTON 4.6" x 2.360"			
	Packer Setting Depth:	8575' MD / 8562' TVD			
		Other Type of Tubing/Casing Seal (if applicable):	N/A		
			Additional Data		
	1	Is this a new well drilled for injection?		Yes	
		If no, for what purpose was the well originally drilled?		PRODUCER - OIL	
	2	Name of the Injection Formation:	AVALON		
	3	Name of Field or Pool (if applicable):	BONE SPRINGS		
	4	Has the well ever been perforated in any other zone(s)? L intervals and give plugging detail, i.e. sacks of cement or			
		N/A			
	5	Give the name and depths of any oil or gas zones underly injection zone in this area:	ing or overlying the proposed	1	
		OVERLYING: BRUSHY CANYON	UNDERLYING:	FIRST BONE SPRING	

SLIDE 1 SD EA 19 FEDERAL P 6 #005H

Operator: CHEVRON U S A INC



*Note - Diagram not to scale

SLIDE 2	SD EA 19 FE	EDERAL P 6 #005H		
	Tubing Size:	2 7/8"	Lining Material:	UNLINED
	Type of Packer:	PEAK COMPLETIONS 4.6" x 2.441"	-	
	Packer Setting Depth:	9059' MD / 9002' TVD	-	
		Other Type of Tubing/Casing Seal (if applicable):	N/A	
			Additional Data	
	1	Is this a new well drilled for injection?		Yes
		If no, for what purpose was the well originally drilled?		PRODUCER - OIL
	2	Name of the Injection Formation:	AVALON	
	3	Name of Field or Pool (if applicable):	BONE SPRINGS	
	4	Has the well ever been perforated in any other zone(s)? I intervals and give plugging detail, i.e. sacks of cement or		
		N/A		
	5	Give the name and depths of any oil or gas zones underly injection zone in this area:	ring or overlying the propos	ed
		OVERLYING: BRUSHY CANYON	UNDERLYING:	FIRST BONE SPRING

SLIDE 1 SD EA 19 FEDERAL P6 6H

Operator: CHEVRON U S A INC



*Note - Diagram not to scale

-

SLIDE 2	SD EA 19 FEDERAL F	96 6H		
	Tubing Size:	2 7/8"	Lining Material	: UNLINED
	Type of Packer:	BAKER HORNET 4 1/2" x 2.370"	-	
	Packer Setting Depth:	8656' MD / 8653' TVD	-	
		Other Type of Tubing/Casing Seal (if applicable)	: <u>N/A</u>	
			Additional Data	
	1	Is this a new well drilled for injection?		Yes
		If no, for what purpose was the well originally drilled?		PRODUCER - OIL
	2	Name of the Injection Formation:	AVALON	
	3	Name of Field or Pool (if applicable):	BONE SPRINGS	
	4	Has the well ever been perforated in any other zone(s)? L intervals and give plugging detail, i.e. sacks of cement or p		
		N/A		
	5	Give the name and depths of any oil or gas zones underly injection zone in this area:	ing or overlying the propc	osed
		OVERLYING: BRUSHY CANYON	UNDERLYING	: FIRST BONE SPRING
SLIDE 1 SD EA 19 FEDERAL P6 7H

Operator: CHEVRON U S A INC



*Note - Diagram not to scale

SLIDE 2	SD EA 19 FED	ERAL P6 7H		
	Tubing Size:	2 7/8"	Lining Material:	UNLINED
	Type of Packer:	BAKER HORNET 5 1/2" x 2.875"	-	
	Packer Setting Depth:	8654' MD / 8620' TVD	-	
		Other Type of Tubing/Casing Seal (if applicable)	N/A	
			Additional Data	
	1	Is this a new well drilled for injection?		Yes
		If no, for what purpose was the well originally drilled?		PRODUCER - OIL
	2	Name of the Injection Formation:	AVALON	
	3	Name of Field or Pool (if applicable):	BONE SPRINGS	
	4	Has the well ever been perforated in any other zone(s)? intervals and give plugging detail, i.e. sacks of cement or		
		N/A		
	5	Give the name and depths of any oil or gas zones underly injection zone in this area:	ving or overlying the proposed	
		OVERLYING: BRUSHY CANYON	UNDERLYING:	FIRST BONE SPRING

EXHIBIT 7

Salado Draw Gas RE-Injection MITs

Page 147 of 195



BEFORE THE OIL CONSERVATION DIVISION Santa Fe, New Mexico Exhibit No. 16 Submitted by: Chevron U.S.A. Inc. Hearing Date: December 1, 2022 Case No. 23174

EXHIBIT 7 Porter Brown



Released to Imaging:/11/30/2022/8:16:56 AM

Page_14860f_195

.

EXHIBIT 7 Pad 1 (18-3, 18-4, 19-3 & 19-4)



To be completed at a later date



Released to Imaging:/10/30/2022/8:16:56 AM

Page_14970f_195



3

EXHIBIT 7 Pad 3 (18-1, 19-1 & 19-2)





Released to Imaging:/11/30/2022/8:16:56 AM

EXHIBIT 7 Pad 6 (18-5, 18-6, 19-5, 19-6 & 19-7)

To be completed at a later date

To be completed at a later date



To be completed at a later date



Page 151% 195



Mechanical Integrity Test (MIT) Summary Table

			Initial Surface	Ending Surface		
API10	Well Name	Date			Time	Notes
3002540802	Porter Brown 001H	9/15/2022	1520	1470	60 mins	Completed
3002542659	Salado Draw 18-26-33 FED 001H	9/8/2022	1500	1400	60 mins	Pad 3, Completed
3002542278	Salado Draw 18-26-33 FED 003H	9/12/2022	1530	1400	60 mins	Pad 1, Completed
3002542279	Salado Draw 18-26-33 FED 004H	9/14/2022	1500	1450	60 mins	Pad 1, Completed
3002542795	Salado Draw EA 18 FED P6 005H					Needs further diagnostics
3002542796	Salado Draw EA 18 FED P6 006H					Needs further diagnostics
3002542661	Salado Draw 19-26-33 FED 001H	9/8/2022	1500	1450	60 mins	Pad 3, Completed
3002542662	Salado Draw 19-26-33 FED 002H	9/9/2022	1500	1440	60 mins	Pad 3, Completed
3002542280	Salado Draw 19-26-33 FED 003H					Needs further diagnostics
3002542281	Salado Draw 19-26-33 FED 004H	9/14/2022	1500	1460	60 mins	Pad 1, Completed
3002542797	Salado Draw EA 19 FED P6 005H	9/12/2022	1560	1550	60 mins	Pad 6, Completed
3002542798	Salado Draw EA 19 FED P6 006H					Needs further diagnostics
3002542799	Salado Draw EA 19 FED P6 007H	9/19/2022	1500	1450	60 mins	Needs further diagnostics

EXHIBIT 5

•

Max Allowable Surface Pressure (MASP) Table

	Column	1	2	3	4	5	6		7	8		9	10	11	12	13	14	15
	Calculation											(1+6*7)/8						(1+12*13)/(12*14)
																		MASP + Reservoir Gas
		Proposed Max		Max Achievable	Proposed							MASP + Reservoir						Hydrostatic as a
		Allowable Surface	Current Average	Surface Pressure,	Average	Proposed Max	Burst	Burst		Casing		Brine Hydrostatic as a		MASP		Gas Pressure	Formation Parting	percentage of
		Pressure (MASP)	Surface Pressure	Current	Injection Rate	Injection Rate	Calculation	Calculation	Brine Pressure	Burst	Casing	percentage of Casing	Top Perforation	Gradient	Top Perforation	Gradient	Pressure Gradient	Formation Parting
API10	Well Name	(psi)	(psi)	Infrastructure (psi)	(MMscfd)	(MMscfd)	Depth (ft TVD)	Depth (ft MD)	Gradient (psi/ft)	(psi)	Grade	Burst Pressure (%)	Depth (ft TVD)	(psi/ft)	Depth (ft TVD)	(psi/ft)	(psi/ft)	Pressure (%)
3002540802	Porter Brown 001H	1250	995	1250	1.5	2	9188	9639	0.465	8990	23#, L80	61%	9188	0.136	9188	0.2	0.65	52%
3002542659	Salado Draw 18-26-33 FED 001H	1250	880	1250	1.5	2	9125	9661	0.465	12640	20#, P110	43%	9125	0.137	9125	0.2	0.65	52%
3002542278	Salado Draw 18-26-33 FED 003H	1250	760	1250	1.5	2	9201	9448	0.465	10640	17#, P110	52%	9201	0.136	9201	0.2	0.65	52%
3002542279	Salado Draw 18-26-33 FED 004H	1250	760	1250	1.5	2	9221	9441	0.465	10640	17#, P110	52%	9221	0.136	9221	0.2	0.65	52%
3002542795	Salado Draw EA 18 FED P6 005H	1250	885	1250	1.5	2	9258	9619	0.465	12640	20#, P110	44%	9258	0.135	9258	0.2	0.65	52%
3002542796	Salado Draw EA 18 FED P6 006H	1250	700	1250	1.5	2	9168	9395	0.465	12640	20#, P110	44%	9168	0.136	9168	0.2	0.65	52%
3002542661	Salado Draw 19-26-33 FED 001H	1250	960	1250	1.5	2	9116	9420		12640	20#, P110	43%	9116	0.137	9116	0.2	0.65	52%
	Salado Draw 19-26-33 FED 002H	1250	940	1250	1.5	2	9144	9554	0.465		20#, P110		9144	0.137	9144	-	0.65	52%
	Salado Draw 19-26-33 FED 003H	1250	935		1.5	2	9229	9602	0.465	10640	17#, P110	52%	9229	0.135	9229	0.2	0.65	52%
3002542281	Salado Draw 19-26-33 FED 004H	1250	865	1250	1.5	2	9190	9491	0.465	10640	17#, P110	52%	9190	0.136	9190	0.2	0.65	52%
3002542797	Salado Draw EA 19 FED P6 005H	1250	980	1250	1.5	2	9189	9425	0.465	12640	20#, P110	44%	9189	0.136	9189	0.2	0.65	52%
3002542798	Salado Draw EA 19 FED P6 006H	1250	965	1250	1.5	2	9188	9490			20#, P110		9188		9188	0.2	0.65	52%
3002542799	Salado Draw EA 19 FED P6 007H	1250	915	1250	1.5	2	9217	9710	0.465	12640	20#, P110	44%	9217	0.136	9217	0.2	0.65	52%

BEFORE THE OIL CONSERVATION DIVISION Santa Fe, New Mexico Exhibit No. 17 Submitted by: Chevron U.S.A. Inc. Hearing Date: December 1, 2022 Case No. 23174

Operational Plan

WELLSITE CLGC

Chevron will monitor the following items on each Closed Loop Gas Capture (CLGC) well via SCADA system:

- Injection flowrate and volume
 - o Instantaneous rate
 - Total injection volume by day
- Tubing pressure
- Casing pressure
- Bradenhead pressures
- Safety devices
 - Pressure kills have an automated kill sequence that is initiated by SCADA system readings.
 - \circ Injection pressure kills on production stream for injection.
 - Relief Valves for both production and gas storage/injection streams to prevent overpressure (not monitored via SCADA other than pressure trend).
 - Control of injection rate and pressures via control valve at each well injection stream.
 - Control of production stream via automated choke valves to ensure controlled production and prevent over pressurization of flowline.

CENTRAL TANK BATTERY (CTB)

Chevron will monitor the following items at CTB 19 via SCADA system:

- Production rates (oil, gas & water)
- Safety devices
 - Flares at the CTB.
 - Injection pressure kills on production/gas storage stream of injection.
 - Emergency shutdown (ESD) of wells that are local and remote for automatic shut downs to save the system.
 - Control of injection rate and pressures via control valve at each well injection stream.

GAS COMPRESSOR STATION (CS)

Chevron will monitor the following items at CS 19 via SCADA system:

- Safety devices
 - Discharge/injection pressure kills of each compressor and for the station.
 - Relief Valves on 3rd stage of compressors, to prevent over pressurization (not monitored via SCADA other than pressure trend).

BEFORE THE OIL CONSERVATION DIVISION Santa Fe, New Mexico Exhibit No. 18 Submitted by: Chevron U.S.A. Inc. Hearing Date: December 1, 2022 Case No. 23174 Station recycle valves (that recycle discharge pressure back to suction) if the pressure is getting too high for the compressor or station. (Not all control valves are capable of 50remote monitoring of valve position; but still monitored in some sense of the pressure trend for the station).

SUPERVISORY CONTROL AND DATA ACQUISITION (SCADA)

Chevron SCADA system consists of PLCs at each CTB, wellsite, and gas lift compressor station.

- The Programmable Logic Controller (PLCs) will take action immediately (within seconds or minutes) as programmed to automatically safe the system as required; for the system and certain device shut down(s).
- The High Alarms and High-High Alarms will be logged and registered in the SCADA system. Also the call center will take the High Alarm and make the physical phone call notification to the production techs to acknowledge the alarm & take action.

ENVIRONMENTAL/SPILL RESPONSE

Chevron will report and track any spill recordable and non-recordable.

- Any spill or gas release will be reported by operations calling in to our Call Center to make the report of spill/release. The fluid type and release amount will be disclosed along with location details; and if it's a recordable or non-recordable spill.
- Liquids will be contained and isolated and vacuum trucks will be called in to recover the liquid and will also report the amount of liquid recovered.
 - Additional reclamation will be coordinated to ensure proper recovery of contaminated soil and liquid.

19946995_v1

EXHIBIT 10

Gas Analysis Summary

- All the Salado Draw gas system sells gas to DBM.
 - All producing wells flow to 4 CTBs.
 - CTB 19, CTB 23, CTB 24 & CTB 29.
 - Gas flows into the low-pressure gas pipeline to the CTB 19 Compressor Station (CS).
- Gas analysis is provided for:
 - Salado Draw Check Meter Analysis at CTB 19, 23 & 24
 - Salado Draw Train Allocation Meters for CTB 19, 23 & 29

Corrosion Prevention Plan

Existing Corrosion Prevention Plan

- Produced gas is processed through a gas dehydration unit to remove water.
- Corrosion inhibitor is added to the system downstream of the gas dehydration unit.
- Fluid samples are taken regularly and checked for Fe, Mn, and residual corrosion inhibitor in produced fluids.
- Continuously monitor and adjust the chemical treatment over the life of the wells.
- Current monitoring program includes:
 - Corrosion couples monthly
 - Bacteria counts SRB / APB monthly
 - Millipores at SWDs and CTBs monthly
 - Oxygen checks at SWDs and CTBs monthly
 - o Scale inhibitor residuals monthly
 - Complete water analysis at SWDs and CTBs monthly
 - o Oil and grease to predict potential paraffin threats annually

Chevron will continue the existing corrosion prevention plan in place for the gas lift system due to the similar nature of gas storage operations.

- Fluid samples will be taken prior to injection to establish a baseline analysis.
- After a storage event, fluid samples will be taken to check for Fe, Mn, and residual corrosion inhibitor in the produced fluids.
- Continuously monitor and adjust the chemical treatment over the life of the project.

BEFORE THE OIL CONSERVATION DIVISION Santa Fe, New Mexico Exhibit No. 19 Submitted by: Chevron U.S.A. Inc. Hearing Date: December 1, 2022 Case No. 23174 Received by OCD: 11/29/2022)4559:17PPM

EXHIBIT 11

Page 15740f 195

9783G Sample Point Code Laboratory Servic Source Laboratory USA		20220542	330025002 Sample Point Na			Salado 19 D Sample Poin		
Laboratory Servic				me		Sample Poin	t Location	
Source Laboratory			012					
	/		-10	1512	٢	1 Anderson - S	pot	
LISA		Lab File N	lo	Container Identity		Sampler	<u>.</u>	
00/1		USA		USA		New Mexico		
District		Area Name		Field Name		Facility Name		
May 6, 2022 08:00		May 6, 2	2022 08:00	May 16	, 2022 10:15	Мау	17, 2022	
Date Sampled		Date	Effective	Dat	e Received	Date	Reported	
57.00		System Admin	istrator	102 @ 98				
Ambient Temp (°F) Flo	ow Rate (Mcf)	Analyst		Press PSI @ Temp °F Source Conditions				
Chevron Usa, Inc	2					NG		
Operator				-	La	ab Source Descripti	on	
Component	Normalized Mol %	Un-Normalized Mol %	GPM	Gro. 14.696 PSI @	55 Heating Value 50.00 °F	s (Real, BTU/ft 14.73 PSI @		
H2S (H2S)	0.0000	0		Dry 1,527.4	Saturated 1,502.3	Dry 1,530.9	Saturated 1,505.8	
Nitrogen (N2)	2.1520	2.152			•	,	•	
CO2 (CO2)	0.1890	0.189			culated Total Sample Properties 2145-16 *Calculated at Contract Conditions			
Methane (C1)	65.4260	65.426		Relative Den: 0.914		Relative De		
Ethane (C2)	13.3950	13.395	3.5810	Molecular V	Veight	0.9	096	
Propane (C3)	8.5300	8.53	2.3490	26.34	33			
I-Butane (IC4)	1.3000	1.3	0.4250	11	C6+ Group F	•		
N-Butane (NC4)	3.6630	3.663	1.1550	C6 - 60.000%	Assumed Con C7 - 30.0		8 - 10.000%	
I-Pentane (IC5)	1.0330	1.033	0.3780	1	Field H	25		
N-Pentane (NC5)	1.3120	1.312	0.4750	1	.5 PP	М		
Hexanes Plus (C6+)	3.0000	3.0	1.3010	PROTREND STATUS:		DATA SOL		
TOTAL	100.0000	100.0000	9.6640	Passed By Validator	on May 18, 202			
d(s): Gas C6+ - GPA 2261, Extended Ga	as - GPA 2286, Calculat	ions - GPA 2172		PASSED BY VALIDATO		onable		
A	nalyzer Informat	tion		VALIDATOR:				

ok

Device Model:

.

GC-2014

Last Cal Date:

Apr 18, 2022

ved by OCD: 11/29/1		575.3	www.perm 397.3713 2609 W Ma	anls.com arland Hobbs NM 88240		C6+ Gas	Page 158 Analysis Rep	
9621G			230025019	1		Salado 19	T1 2 Phase	
Sample Point Code			Sample Point N	ame	Sample Point Location			
Laboratory	Services	2022054	214	0969		M Anderson -	Spot	
Source Laboratory		Lab File N		Container Identity		Sampler	σροι	
USA		USA		USA		New Mexico	,	
District				Field Name		Facility Name		
May 5, 2022 11:30		May 5,	2022 11:30	May 1	6, 2022 10:18	May	/ 17, 2022	
Date Sample	· · · · · · · · · · · · · · · · · · ·		e Effective		ate Received		te Reported	
68.00		System Admir	nistrator	104 @ 88				
Ambient Temp (°F) Flow Rate (Mcf)		Analyst		Press PSI @ Temp °F	:			
				Source Conditions				
Chevron Usa	a, Inc.					NG		
Operator					L	ab Source Descrip	otion	
Component	Normalized	Un-Normalized	GPM	Gi	oss Heating Value	es (Real, BTU/	ft³)	
component	Mol %	Mol %	UIN		@ 60.00 °F		@ 60.00 °F	
H2S (H2S)	0.0010	0.0010 0.001		Dry 1,383.5	Saturated 1,360.9	Dry 1,386.7	Saturated 1,364.0000	
Nitrogen (N2)	2.3020	2.302			Calculated Total Sample Properties			
CO2 (CO2)	0.7520	0.752			GPA2145-16 *Calculated			
Methane (C1)	68.9250	68.927			ensity Real 312		Density Ideal 8276	
Ethane (C2)	13.4700	13.47	3.6010	Molecula	r Weight	0.	0270	
Propane (C3)	8.1030	8.103	2.2320	23.9	9699			
I-Butane (IC4)	1.1170	1.117	0.3650	11	C6+ Group	-		
N-Butane (NC4)	2.9120	2.912	0.9180	C6 - 60.000	Assumed Col C7 - 30.0	-	8 - 10.000%	
I-Pentane (IC5)	0.6350	0.635	0.2320		Field H			
N-Pentane (NC5)	0.7050	0.705	0.2550		12 PI	РМ		
Hexanes Plus (C6+)	1.0780	1.078	0.4680	┥└───				
TOTAL	100.0000	100.0020	8.0710	PROTREND STATUS Passed By Validat		DATA SO 22 Importe		
od(s): Gas C6+ - GPA 2261, Exter				PASSED BY VALIDA	TOR REASON:			
	Analyzar Informer	tion		Close enough to b	be considered reas	sonable.		
vice Type: Gas Chrom	Analyzer Informa	e Make: Shimadz		Luis Cano				
nee rype. Gas cilloin	•	al Date: Apr 18, 2		VALIDATOR COMM	ENTS:			

ived by OCD: 11/29/1		575.	www.permi 397.3713 2609 W Ma	ianls.com arland Hobbs NM 88240		C6+ Gas	Page 1596 Analysis Repo		
9369G			230025019	92		Salado 19	T2 2 phase		
Sample Point Code			Sample Point N	ame		Sample Poi			
Laboratory	Services	2022054	212	2066		M Anderson - S	Spot		
Source Lab		Lab File I		Container Identity		Sampler	5000		
USA	·	USA		USA		New Mexico	1		
District		Area Name		Field Name		Facility Name			
May 5, 2022 12:00		May 5,	2022 12:00	May 1	6, 2022 10:12	May	17, 2022		
Date Sample	ed	Date	e Effective	D	ate Received	Dat	e Reported		
71.00		System Admir	nistrator	103 @ 100					
Ambient Temp (°F)	Flow Rate (Mcf)	Analyst	:	Press PSI @ Temp °F Source Conditions					
Chevron Usa	a, Inc.					NG			
Operator	r					Lab Source Descrip	tion		
Component	Normalized	Un-Normalized	GPM	Gr	oss Heating Valu	ues (Real, BTU/f	t³)		
component	Mol %	Mol %	0111	14.696 PSI (@ 60.00 °F		
H2S (H2S)	0.0000	0		Dry 1,442.1	Saturated 1,418.5	Dry 1,445.4	Saturated 1,421.8		
Nitrogen (N2)	0.8240	0.824				ted Total Sample Properties			
CO2 (CO2)	0.1430	0.143				ulated at Contract Conditions			
Methane (C1)	67.5720	67.572		Relative De	ensity Real 435		Density Ideal 8396		
Ethane (C2)	15.7950	15.795	4.2230	Molecula	r Weight	0.	0000		
Propane (C3)	9.2100	9.21	2.5370	24.5	3149				
I-Butane (IC4)	1.1120	1.112	0.3640	7	-	o Properties			
N-Butane (NC4)	2.8150	2.815	0.8870	C6 - 60.000		Composition	8 - 10.000%		
I-Pentane (IC5)	0.5780	0.578	0.2110	┨		1 H2S			
N-Pentane (NC5)	0.7000	0.7	0.2540	7	.5 I	PPM			
Hexanes Plus (C6+)	1.2510	1.251	0.5430						
TOTAL	100.0000	100.0000	9.0190	PROTREND STATUS Passed By Validat		DATA SO 022 Importe			
nod(s): Gas C6+ - GPA 2261, Exter	nded Gas - GPA 2286, Calcula	ations - GPA 2172		PASSED BY VALIDA Close enough to b		aconable			
vice Type: Gas Chrom	Analyzer Informa atograph Device	ntion e Make: Shimadz	u	VALIDATOR: Luis Cano		0301 IODIC.			
evice Model: GC-2014	Last C	al Date: Apr 18, 2	2022	ok	ENT'S:				

eived by OCD: 11/29/20		575.3	www.perm 397.3713 2609 W M	anls.com arland Hobbs NM 88240		Extended Gas	Page 160 of Analysis Repor		
10984G			230025024	14		Salado	23 T1 2ph		
Sample Point Code			Sample Point N				oint Location		
Laboratory S	onvicos	2022050	211	1763		T. Hoplay	Spot		
Source Labor		2022050. Lab File N		Container Identity		T. Henley - Spot Sampler			
USA		USA		USA		New Mexic	20		
District		Area Name		Field Name		Facility Nam			
Jan 5, 2022 12:10		Jan 5, 1	2022 12:10	Jan	12, 2022 10:0)0 Ja	n 12, 2022		
Date Sampled		e Effective		Date Received		ate Reported			
61.00	1,019.00	BH		135 @ 77					
Ambient Temp (°F)	Flow Rate (Mcf)	Analyst		Press PSI @ Temp °F Source Conditions					
Chevron Usa,	Inc.					NG			
Operator						Lab Source Descr	iption		
Component	Normalized Mol %	Un-Normalized Mol %	GPM		Gross Heating SI @ 60.00 °F	Values (Real, BTU	/ft³) 51 @ 60.00 °F		
Nitrogen (N2)	1.3950	1.373772		Dry	51 @ 00.00 // 1	Dry	Saturated		
Carbon Dioxide (CO2)	4.7650	4.691073		1,244.2		1,252.1	1,230.8		
	0.0004	0.0004				ulated Total Sample Properties			
Hydrogen Sulfide (H2S)	_	71.389023		Relative	GPA2145-16 *Cal Relative Density Real		ons • Density Ideal		
Methane (C1)	72.5076			-	1.7996 ular Weight	C).7967		
Ethane (C2)	10.6640	10.498842	2.8510		3.0740				
Propane (C3)	6.0160	5.92287	1.6570	\neg	C6+ G	roup Properties			
IsoButane (IC4)	0.8180	0.805381	0.2680	41		med Composition			
n-Butane (NC4)	2.0530	2.021662	0.6470	C6 - 51.11	.9% C7	- 32.995%	C8 - 15.886%		
IsoPentane (IC5)	0.4990	0.490822	0.1820			Field H2S			
n-Pentane (NC5)	0.5520	0.543626	0.2000			4 PPM			
Hexanes (C6's)	0.7300	0.73	0.3010	PROTREND STAT	US:	DATA S	OURCE:		
TOTAL	100.0000	98.4675	6.1060	Passed By Valid	ator on Jan 14	, 2022 Impor			
ethod(s): Gas C6+ - GPA 2261, Extend	led Gas - GPA 2286, Calcula	tions - GPA 2172		PASSED BY VALI Close enough to					
	Analyzer Informa	tion		VALIDATOR:					
Device Type: Device Model:	ice Type: Device Ma			Dustin Armstron	-				



Sample Point Code - Name @ Location

10984G - 2300250244 - Salado 23 T1 2ph

Page	161&f195
Extended Gas Analysis	Report

Operator

Chevron Usa, Inc.

Component	Normalized Mol %	Un-Normalized Mol %	GPM
Nitrogen (N2)	1.3950	1.37377	
Carbon Dioxide (CO2)	4.7650	4.69107	
Hydrogen Sulfide (H2S)	0.0004	0.0004	
Methane (C1)	72.5076	71.389	
Ethane (C2)	10.6640	10.4988	2.8510
Propane (C3)	6.0160	5.92287	1.6570
IsoButane (IC4)	0.8180	0.805381	0.2680
n-Butane (NC4)	2.0530	2.02166	0.6470
IsoPentane (IC5)	0.4990	0.490822	0.1820
n-Pentane (NC5)	0.5520	0.543626	0.2000
Hexanes (C6's)	0.3730	0.373	0.1520
Heptanes (C7's)	0.2210	0.221	0.0880
Octanes (C8's)	0.0680	0.068	0.0330
Nonanes (C9's)	0.0110	0.011	0.0070
Decanes (C10's)	0.0040	0.004	0.0020
Undecanes (C11's)	0.0090	0.009	0.0040
Dodecanes (C12's)	0.0020	0.002	0.0020

BTEX			
Component	Normalized Mol %	Un-Normalized Mol %	GPM
Benzene	0.0200	0.02	0.0060
Toluene	0.0170	0.017	0.0060
EthylBenzene	0.0010	0.001	0.0000
M+P Xylene	0.0030	0.003	0.0010
O Xylene	0.0010	0.001	0.0000

.

ived by OCD: 11/29/4		575.3	www.permi 397.3713 2609 W Ma	anls.com arland Hobbs NM 88	240		C6+ Gas	Page 1629 Analysis Repo	
10984G			230025024	4			Salado	23 T1 2ph	
Sample Point Code			Sample Point Na					pint Location	
Laboratory	Services	20220542	208	1546			M Anderson -	Spot	
Source Labo		Lab File N	Container Ider	ntity	Sampler				
USA		USA	USA			New Mexic	0		
District		Area Name		Field Name			Facility Name		
May 6, 2022 12:00			2022 12:00		May 16	, 2022 10:02	-	y 17, 2022	
Date Sampled			Effective			e Received		ate Reported	
87.00		Luis		109	@ 85				
Ambient Temp (°F)	Flow Rate (Mcf)	Analyst		Press PSI (-				
Chevron Usa	a, Inc.						NG		
Operato					-		Lab Source Descri	ption	
Component	Normalized	Un-Normalized	GPM			-	ues (Real, BTU,	-	
	Mol %	Mol %		14.696 PSI Dry		60.00 °F Saturated	14.73 PS Dry	I @ 60.00 °F Saturated	
H2S (H2S)	0.0010	0.001			6.0000	1,196.2	1,218.8	1,199.0000	
Nitrogen (N2)	3.8900	3.89029			Са	culated Total	Sample Propert	ies	
CO2 (CO2)	5.9470	5.94699			GPA214!		PA2145-16 *Calculated at Contract Conditions		
Methane (C1)	69.2690	69.2709			Relative Den: 0.824			Density Ideal	
Ethane (C2)	10.1010	10.10094	2.7010		Molecular V	Veight	Ū	10211	
Propane (C3)	5.8540	5.85432	1.6120	┓	23.77	89			
I-Butane (IC4)	0.8110	0.81053	0.2650	11		-	Properties		
N-Butane (NC4)	2.0710	2.07058	0.6530	C6 -	- 60.000%		.000%	C8 - 10.000%	
I-Pentane (IC5)	0.5560	0.5556	0.2030	1 —			I H2S		
N-Pentane (NC5)	0.6350	0.63529	0.2300	11		6 P	PPM		
Hexanes Plus (C6+)	0.8650	0.86456	0.3750						
TOTAL	100.0000	100.0010	6.0390		d status: y Validator	on May 18, 20		ource: ed	
hod(s): Gas C6+ - GPA 2261, Exter	nded Gas - GPA 2286, Calcula	ations - GPA 2172				DR REASON: considered rea	asonable		
evice Type: Gas Chrom evice Model: GC-2014	5.	ation e Make: Shimadzi al Date: Apr 18, 2		VALIDATO Luis Cano	R:				

ived by OCD: 11/29/20.		575.	www.perm 397.3713 2609 W M	ianls.com arland Hobbs NM 882	40	Ce	5+ Gas A	Page 1630 analysis Repo	
10985G			23002502	57			Salado 23	T3 2ph	
Sample Point Code			Sample Point N	lame			Sample Point	t Location	
Laboratory Co.		2022054	210	1214		M 0			
Laboratory Ser Source Laborat		2022054 Lab File I		1214 Container Ident		M Anderson - Spot _{Sampler}			
	loi y				ity		·		
District		USA Area Name		USA Field Name			w Mexico		
		2022 10.20	neid Name	May 16, 2022 1			17 2022		
May 6, 2022 10: Date Sampled			2022 10:30		May 16, 2022 1 Date Received			17, 2022 Reported	
				122 6		•	Dute	Reported	
81.00	Torrand		122 @ Press PSI @						
	Flow Rate (Mcf)		-	Source Co					
Chevron Usa, I	nc.						NG		
Operator						Lab Sou	rce Description	on	
					Cross Hosti	ng Values (Re		3)	
Component	Normalized Mol %	Un-Normalized Mol %	GPM	1	14.696 PSI @ 60.00 °F			• 60.00 °F	
H2S (H2S)	0.0000	0		Dr		ed	Dry	Saturated	
Nitrogen (N2)	1.6340	1.63383		1,18	3.3 1,164.0	0000 1,18	6.0000	1,166.7	
	6.6540	6.65427		-		alculated Total Sample Properties			
CO2 (CO2)				-	GPA2145-16 * Relative Density Real	Calculated at Contr	Relative De		
Methane (C1)	73.0240	73.02282			0.7900		0.73	873	
Ethane (C2)	9.8060	9.80647	2.6220	_	Molecular Weight 22.8066				
Propane (C3)	5.2500	5.24965	1.4460		CG	Croup Dropo	rtion		
I-Butane (IC4)	0.6680	0.66817	0.2190			Group Prope			
N-Butane (NC4)	1.5150	1.51519	0.4780	C6 -				- 10.000%	
I-Pentane (IC5)	0.4070	0.40679	0.1490			Field H2S			
N-Pentane (NC5)	0.4350	0.43547	0.1580			1.5 PPM			
Hexanes Plus (C6+)	0.6070	0.60735	0.2630		CTATUC:		DATA CO		
TOTAL	100.0000	100.0000	5.3350	PROTREND Passed By	Validator on May	18, 2022	DATA SOU Imported		
od(s): Gas C6+ - GPA 2261, Extended	d Gas - GPA 2286, Calcula	tions - GPA 2172			VALIDATOR REAS		1		
	Analyzer Informa	tion			ugh to be conside t:	rea reasonab	ie.		
vice Type: Gas Chromato		e Make: Shimadz	u	Luis Cano					
vice Model: GC-2014		al Date: Apr 18, 2		VALIDATO	COMMENTS:				

	2022) 4559:17PPM	575.3	www.perm 397.3713 2609 W Ma	ianls.com arland Hobbs NM 88240		C6+ Gas	Page 164 Analysis Repo			
4867G		330	0250027 330	0250028		Salado 24 Ck	North/South			
Sample Point Code			Sample Point N	ame		Sample Poi	int Location			
Laboratory S	Services	2022057	078	1932		R Hernandez - Spot				
Source Labo	oratory	Lab File N	No	Container Identity		Sampler				
USA		USA		USA		New Mexico)			
District		Area Name		Field Name		Facility Name				
Aug 12, 2022	10:00	Aug 12,	2022 10:00	ŀ	Aug 15, 2022 11:58	Aug	16, 2022			
Date Sample	ed	Date	e Effective		Date Received	Dat	e Reported			
82.00	3,536.10	System Admir	nistrator	68 @ 8	8					
Ambient Temp (°F)	Flow Rate (Mcf)	Analyst	:	Press PSI @ Te Source Condi	•					
Chevron Usa	, Inc.					NG				
Operator						Lab Source Descrip	tion			
Component	Normalized	Un-Normalized	GPM		Gross Heating Va	alues (Real, BTU/	ft³)			
component	Mol %	Mol %	GITT		96 PSI @ 60.00 °F		@ 60.00 °F			
H2S (H2S)	0.0010	0.001		Dry 1,308.1	Saturated 1,286.6	Dry 1,311.1	Saturated 1,289.6			
Nitrogen (N2)	2.9170	2.917				I Sample Properti	es			
CO2 (CO2)	2.2940	2.294				ated at Contract Condition				
Methane (C1)	70.4590	70.461		Rela	ative Density Real 0.8139		Density Ideal			
Ethane (C2)	12.0980	12.098	3.2350	м	olecular Weight					
Propane (C3)	6.7510	6.751	1.8590	-	23.4790					
I-Butane (IC4)	0.8970	0.897	0.2930	-		up Properties				
N-Butane (NC4)	2.2980	2.298	0.7240	C6 - 60		d Composition 30.000% C	8 - 10.000%			
I-Pentane (IC5)	0.5610	0.561	0.2050			eld H2S				
N-Pentane (NC5)	0.6390	0.639	0.2320		5	PPM				
Hexanes Plus (C6+)	1.0850	1.085	0.4710	┥└───						
TOTAL	100.0000	100.0020	7.0190	PROTREND ST Passed By Va	ATUS: alidator on Aug 17,	2022 Importe				
od(s): Gas C6+ - GPA 2261, Exter				PASSED BY VA	LIDATOR REASON:					
vice Type: Gas Chrom	Analyzer Informa atograph Device	tion Make: Shimadz	u	VALIDATOR: Luis Cano VALIDATOR C	n to be considered n	יכמגטו ומטופ.				

	BERVICES atural Gas Analysis	575.3	www.permi 397.3713 2609 W Ma	anis.com arland Hobbs NM 882	40		6+ Gas Analysis Repor
7722G			230025022	8			Salado 29 T1 CDP
Sample Point Code			Sample Point N	ame			Sample Point Location
Laboratory Serv	ices	20220540	072	1431		Т. Н	lenley - Spot
Source Laborator		Lab File N	No	Container Iden	tity		Sampler
USA		USA		USA		Ν	ew Mexico
District		Area Name		Field Name		F	acility Name
May 6, 2022 10:0	0	May 6,	2022 10:00		May 12, 2022	2 06:59	May 10, 2022
Date Sampled		Date	e Effective		Date Recei	ived	Date Reported
74.00	2,036.00	System Admir	nistrator	70 @	81		
Ambient Temp (°F) Fl	ow Rate (Mcf)	Analyst		Press PSI @ Source Co	•		
Chevron Usa, In	с						NG
Operator						Lab So	ource Description
Component	Normalized Mol %	Un-Normalized Mol %	GPM		Gross Hea 4.696 PSI @ 60.00 Â	ating Values (R °F	eal, BTU/ft ³) 14.73 PSI @ 60.00 °F
H2S (H2S)	0.0020	0.002		Dr 1,33		urated 313.7 1	Dry Saturated
Nitrogen (N2)	4.1880	4.188		1,33		ed Total Sampl	
CO2 (CO2)	1.7620	1.762		-		L6 *Calculated at Cor	
Methane (C1)	75.3670	75.369		1	Relative Density Real	I	Relative Density Ideal
Ethane (C2)	6.7330	6.733	1.8000	Molecula	0.8375 Molecular Weight		0.8339
Propane (C3)	3.7100	3.71	1.0220	┫╞━━━	24.1507		
I-Butane (IC4)	0.4500	0.45	0.1470	-	C	6+ Group Prop	
N-Butane (NC4)	1.9870	1.987	0.6260	C6 -	60.000%	Assumed Composit	
I-Pentane (IC5)	0.7430	0.743	0.2720			Field H2S	
N-Pentane (NC5)	1.0260	1.026	0.3720			23 PPM	
Hexanes Plus (C6+)	4.0320	4.032	1.7490	┥└──			
TOTAL	100.0000	100.0020	5.9880	PROTREND Passed By	STATUS: Validator on M	lay 12, 2022	DATA SOURCE: Imported
thod(s): Gas C6+ - GPA 2261, Extended (■ Gas - GPA 2286, Calculat	tions - GPA 2172					b.l.
	Analyzer Informa	tion		Close eno	ugh to be consi R:	idered reasona	DIE.
, evice Type: Gas Chromatog evice Model: GC-2014	raph Device	Make: Shimadzi al Date: Apr 18, 2		Luis Cano VALIDATO			
	ite	Notes		_ ok			
Source Da							

ived by OCD: 11/297		575.	www.perm 397.3713 2609 W M	www.permianls.com 575.397.3713 2609 W Marland Hobbs NM 88240							
5628G			23002502	74		Salado 2º	9 T2 CDP				
Sample Point Code			Sample Point N				nt Location				
Laboratory	Sonvicos	2022053	020	0053		T Henley - Spot					
Source Lab		Lab File I		Container Identity		Sampler	00				
USA		USA		USA		New Mexico					
District		Area Name		Field Name		Facility Name					
May 6, 2022	11:06	May 6	2022 11:06	May	9, 2022 07:36		10, 2022				
Date Sampl			e Effective		Date Received		e Reported				
80.00	10,277.00	Torran	ce	74 @ 95							
Ambient Temp (°F)	Flow Rate (Mcf)	Analyst		Press PSI @ Temp Source Conditions							
Chevron Us	a, Inc.					NG					
Operato					I	ab Source Descrip	tion				
Component	Normalized	Un-Normalized	GPM		Gross Heating Valu	es (Real, BTU/i	ft³)				
component	Mol %	Mol %	Grifi	14.696 PS	í @ 60.00 °F	14.73 PSI	@ 60.00 °F				
H2S (H2S)	0.0000	0		Dry 1,368.1	Saturated 1,345.6	Dry 1,371.3	Saturated 1,348.7				
Nitrogen (N2)	1.0340	1.03426			Calculated Total S						
CO2 (CO2)	0.4340	0.43377				16 *Calculated at Contract Conditions					
Methane (C1)	72.3620	72.36165			Density Real 8023		Density Ideal 7990				
Ethane (C2)	13.1760	13.17629	3.5230	Molecu	lar Weight	0.	7990				
Propane (C3)	7.2930	7.2931	2.0090	23	.1425						
I-Butane (IC4)	0.9410	0.94081	0.3080	-	C6+ Group	-					
N-Butane (NC4)	2.4480	2.4484	0.7720	C6 - 60.000	Assumed Co 0% C7 - 30.		8 - 10.000%				
I-Pentane (IC5)	0.5180	0.51758	0.1890		Field						
N-Pentane (NC5)	0.6650	0.66467	0.2410	-	1 PI	PM					
Hexanes Plus (C6+)	1.1290	1.12948	0.4900	┥└───							
TOTAL	100.0000	100.0000	7.5320	PROTREND STATU Passed By Valida	s: Itor on May 11, 20	DATA SO 22 Importe					
od(s): Gas C6+ - GPA 2261, Exte				PASSED BY VALID	ATOR REASON:						
	Analyzer Informa	tion		Close enough to	be considered rea	sonable.					
vice Type: Gas Chron vice Model: GC-2014	natograph Device	e Make: Shimadz al Date: Apr 18, 2		Luis Cano	IENTS:						

ived by OCD: 11/29/4		575.	www.perm 397.3713 2609 W M	ianls.com arland Hobbs NM 8824	D	(C6+ Gas	Page 167 Analysis Rep		
9625G			230025022	79		Sal	ado Draw	19 T3 2 Phase		
Sample Point Code			Sample Point N	lame			Sample Po	int Location		
Laboratory S	Services	2022054	209	1935		M Anderson - Spot				
Source Labo	pratory	Lab File I	No	Container Identi	ty		Sampler			
USA		USA		USA			Default			
District		Area Name		Field Name		I	Facility Name	1		
May 5, 2022	10:00	May 5,	2022 10:00		May 16, 2022	2 10:04	May	/ 17, 2022		
Date Sample	ed	Date	e Effective		Date Recei	ved	Da	te Reported		
66.00		Torrano	ce	100 @	126					
Ambient Temp (°F)	Flow Rate (Mcf)	Analyst	t	Press PSI @ Source Cor						
Chevron Usa	a, Inc.						NG			
Operator						Lab S	ource Descrip	otion		
Component	Normalized	Un-Normalized	GPM		Gross Hea	ating Values (I	Real, BTU/	ft³)		
component	Mol %	Mol %	6111		.696 PSI @ 60.00 '			@ 60.00 °F		
H2S (H2S)	0.0000	0		Dry 1,451		urated	Dry 1,454.9	Saturated 1,431.0000		
Nitrogen (N2)	0.9250	0.92524				ed Total Samp	le Propert			
CO2 (CO2)	0.1280	0.12844				16 *Calculated at Contract Conditions				
Methane (C1)	69.6940	69.69385		- F	Relative Density Real			Density Ideal 8465		
Ethane (C2)	13.6390	13.63864	3.6470		Molecular Weight		0.	0405		
Propane (C3)	7.8310	7.83146	2.1570	┫┝───	24.5199					
I-Butane (IC4)	1.0930	1.09287	0.3580		Ce	6+ Group Prop				
N-Butane (NC4)	3.0080	3.00755	0.9480	C6 - 6	50.000%	Assumed Compos		8 - 10.000%		
I-Pentane (IC5)	0.7180	0.71827	0.2630			Field H2S				
N-Pentane (NC5)	0.9230	0.92308	0.3340	-		0 PPM				
Hexanes Plus (C6+)	2.0410	2.0406	0.8850							
TOTAL	100.0000	100.0000	8.5920	PROTREND Passed By	STATUS: Validator on M	lay 18, 2022	DATA S Import			
nod(s): Gas C6+ - GPA 2261, Exter	nded Gas - GPA 2286, Calcula	ations - GPA 2172			validator rea gh to be consi		abla			
vice Type: Gas Chrom	5.	ntion 2 Make: Shimadz 2al Date: Apr 18, 3		VALIDATOR Luis Cano VALIDATOR	:	ucicu ieasulia				

ived by OCD: 11/29/		575.	www.permi 397.3713 2609 W Ma	ianls.com arland Hobbs NM 88240		C6+ Gas	Page 1683 Analysis Repo			
10410G			330025003	34		SD 23	3 Chk			
Sample Point Code			Sample Point N			Sample Poi				
Laboratory	Sonvisos	2022057	070	2037		R Hernandez - Spot				
Source Lab		Lab File I		Container Identity		Sampler	Spor			
District		USA Area Name		USA Field Name		New Mexico Facility Name				
Aug 12, 2022	12.15		2022 12:15		5, 2022 12:01		16, 2022			
Date Sample		·	e Effective		ate Received		e Reported			
88.00	11,630.00	Torrano	~e	84 @ 109			·			
Ambient Temp (°F)	Flow Rate (Mcf)	Analyst		Press PSI @ Temp °F Source Conditions						
Chevron Usa	a, Inc.					NG				
Operato					I	Lab Source Descrip	tion			
Component	Normalized	Un-Normalized	GPM	Gr	oss Heating Valu	es (Real, BTU/f	t³)			
component	Mol %	Mol %	6111	14.696 PSI (@ 60.00 °F			
H2S (H2S)	0.0000	0		Dry 1,343.6	Saturated 1,321.6	Dry 1,346.7	Saturated 1,324.7			
Nitrogen (N2)	1.0050	1.00535			Calculated Total S	•				
CO2 (CO2)	1.3760	1.37599			GPA2145-16 *Calculated					
Methane (C1)	72.2280	72.228		Relative D			Density Ideal			
Ethane (C2)	12.8290	12.82901	3.4300		013 r Weight	0.	7981			
Propane (C3)	7.1350	7.13525	1.9650	23.:	1187					
I-Butane (IC4)	0.9490	0.94934	0.3100	┥│	C6+ Group	Properties				
N-Butane (NC4)	2.4160	2.41607	0.7610		Assumed Co		8 - 10.000%			
I-Pentane (IC5)	0.4990	0.4987	0.1820	C6 - 60.000	% C7 - 30. Field		0 - 10.000%			
. ,					0 Pl					
N-Pentane (NC5)	0.6260	0.62571	0.2270	┥└───						
Hexanes Plus (C6+)	0.9370	0.93657	0.4060	PROTREND STATUS		DATA SO				
TOTAL	100.0000	100.0000	7.2810	Passed By Validat PASSED BY VALIDA		22 Importe	0			
od(s): Gas C6+ - GPA 2261, Exte	nded Gas - GPA 2286, Calcula	itions - GPA 2172		Close enough to b		sonable.				
vice Type: Gas Chrom		tion Make: Shimadz al Date: Jul 18, 2		VALIDATOR: Luis Cano VALIDATOR COMMI	ENTC:					

Area of Review

BEFORE THE OIL CONSERVATION DIVISION Santa Fe, New Mexico Exhibit No. 20 Submitted by: Chevron U.S.A. Inc. Hearing Date: December 1, 2022 Case No. 23174



2 Mile Map Salado Draw



Received by OCD: 11/29/2022/4359:17PM Salado Draw AOR Map



Page 171 8 195

EXHIBIT 3

Page_17230	f195
------------	------

.

Ref. API Number	Current Operator	Lease Name and Well Number	Well Type	Status	Surface Location	Date Drilled	TD (TVDSS) De	Total epth (Md)	Current Prod Pool	County	State	Casing	Hole Size	Casing Size	Set Depth	SX Cement	Cement Top	Method
1 3002542125	BTA OIL PRODUCERS, LLC	MESA B 8115 JV P COM #002H	OIL	ACTIVE	190' FSL & 1050' FEL, P-07, T26S, R33E	11/29/2014	5,906		[97994] WC-025 G-06 S253329D;UPR BONE SPRIN	LEA	NM	Surf. Int.	17-1/2" 12-1/4"	13-3/8" 9-5/8"	860 4.741	850 1,350		CIRC
									bone of him			Prod.	8-3/4"	5-1/2"	13,728	2,500		UNKNOWN
2 3002542127	BTA OIL PRODUCERS,	MESA B 8115 JV P COM #004H	OIL	ACTIVE	190' FSL & 1880' FWL, N-07, T26S, R33E	10/20/2014	5,986	13,760	[97994] WC-025 G-06 S253329D;UPR	LEA	NM	Surf.	17-1/2"	13-3/8"	840	1,700	-	CIRC
	LLC								BONE SPRIN			Int.	12-1/4"	9-5/8"	4,778	1,450	-	CIRC
												Prod.	8-3/4"	5-1/2"	13,755	2,375	1,188	UNKNOW
3 3002542849	BTA OIL PRODUCERS,	MESA 8105 JV P #013H	OIL	ACTIVE	310' FSL & 1334' FEL, O-01, T26S, R32E	9/20/2017	6,512	14,965	[97838] JENNINGS;UPPER BONE	LEA	NM	Surf.	17-1/2"	13-3/8"	898	740	-	CIRC
	LLC								SPRING SHALE			Int.	12-1/4"	9-5/8"	4,780	1,880		
												Prod.	8-3/4"	5-1/2"	14,645	2,150	2,300	
4 3002543724	BTA OIL PRODUCERS,	MESA 8105 JV P #030H	OIL	ACTIVE	330' FNL & 700' FEL, A-01, T26S, R32E	10/25/2017	6,521			LEA	NM	Surf.	17-1/2"	13-3/8"	811	710	-	CIRC
	LLC								SPRING SHALE			Int.	12-1/4" 8-3/4"	9-5/8"	4,768	1,675	-	CIRC
5 3002543725	BTA OIL PRODUCERS,	MESA 8105 JV P #031H	OIL	ACTIVE	383' FNL & 1897' FEL, B-01, T26S, R32E	8/20/2017	6,473	20.009	[97838] JENNINGS;UPPER BONE	LEA	NM	Prod. Surf.	8-3/4"	5-1/2" 13-3/8"	20,030 838	3,525 410		CIRC
5 5002545725	LLC	MESA 8105 JV P #031H	UIL	ACTIVE	383 FNL & 1897 FEL, B-01, 1263, K32E	8/20/2017	0,473		SPRING SHALE	LEA	NIVI	Int.	17-1/2 12-1/4"	13-5/8" 9-5/8"	4,769	1,550		CIRC
									SPRING SHALE			Prod.	8-3/4"	5-1/2"	20,008	3,530	3,300	
6 3002546407	BTA OIL PRODUCERS,	MESA B 8115 FEDERAL COM #022H	OIL	ACTIVE	400' FNL & 600' FEL, A-07, T26S, R33E	3/5/2020	9,258	17 505	[98097] SANDERS TANK;UPPER	LEA	NM	Surf.	14-3/4"	10-3/4"	909	630	-	CIRC
0 00020 10 107	LLC		0.2	//0///2	100 1112 0 000 1 22,77 07, 1200, 1002	3/3/2020	5,250		WOLFCAMP	2271		Int.	10-3/4"	7-5/8"	11,935	1.650	-	CIRC
												Prod.	6-3/4"	5-1/2" x 5"	17,500	,	UNKNOWN	UNKNOW
7 3002546408	BTA OIL PRODUCERS,	MESA B 8115 FEDERAL COM #023H	OIL	ACTIVE	430' FNL & 600' FEL, A-07, T26S, R33E	3/4/2020	9,515	17,757	[98097] SANDERS TANK;UPPER	LEA	NM	Surf.	14-3/4"	10-3/4"	912	630	UNKNOWN	UNKNOW
	LLC								WOLFCAMP			Int.	8-3/4"	7-5/8"	12,200	1,635	UNKNOWN	UNKNOW
												Prod.	6-3/4"	5-1/2" x 5"	17,757	1,310	UNKNOWN	UNKNOW
8 3002546409	BTA OIL PRODUCERS,	MESA B 8115 FEDERAL COM #024H	OIL	ACTIVE	460' FNL & 600' FEL, A-07, T26S, R33E	3/4/2020	9,260	17,567	[98097] SANDERS TANK;UPPER	LEA	NM	Surf.	14-3/4"	10-3/4"	915	630	UNKNOWN	UNKNOW
	LLC								WOLFCAMP			Int.	8-3/4"	7-5/8"	12,017	,	UNKNOWN	
												Prod.	6-3/4"	5-1/2" x 5"	17,567		UNKNOWN	
9 3002546410	BTA OIL PRODUCERS,	MESA B 8115 FEDERAL COM #025H	OIL	ACTIVE	490' FNL & 600' FEL, A-07, T26S, R33E	3/3/2020	9,512		(LEA	NM	Surf.	14-3/4"	10-3/4"	912	630	UNKNOWN	
	LLC								WOLFCAMP			Int.	8-3/4"	7-5/8"	12,328	1,540	UNKNOWN	
40 20025 42425						0/0/2016	5.010					Prod.	6-3/4"	5-1/2" x 5"	17,835		UNKNOWN	
10 3002542126	BTA OIL PRODUCERS,	MESA B 8115 JV-P #003H	OIL	ACTIVE	190' FSL & 2180' FEL, O-07, T26S, R33E	9/8/2016	5,910		[97994] WC-025 G-06 S253329D;UPR	LEA	NM	Surf.	17-1/2"	13-3/8"	792	740	-	CIRC
	LLC								BONE SPRIN			Int. Prod.	12-1/4" 7-7/8"	9-5/8" 5-1/2"	4,780 14.089	1,315 1.485	- 2,250	CIRC
11 3002542128	BTA OIL PRODUCERS,	MESA B 8115 JV P COM #005H	OIL	ACTIVE	190' FSL & 330' FWL, M-07, T26S, R33E	5/11/2015	5,947	13 777	[97794] WC SCARY CREEK;ATOKA	LEA	NM	Surf.	17-1/2"	13-3/8"	815	650	,	CIRC
11 3002342128	LLC		OIL	ACTIVE	190 192 & 550 1 WE, WE07, 1203, N332	5/11/2015	5,547		(GAS) ; [97994] WC-025 G-06			Int.	12-1/4"	9-5/8"	4,721	1,250	-	CIRC
	LLC								S253329D;UPR BONE SPRIN			Prod.	7-7/8"	5-1/2"	13,757	2,200		CALC
12 3002542168	CHEVRON U S A INC	SALADO DRAW 29 26 33 FEDERAL COM	OIL	Active	200' FNL & 330' FWL, D-29, T26S, R33E	11/14/2014	7,167		,	LEA	NM	Surf.	17-1/2"	13-3/8"	846	965		CIRC
		#033H			,	, , .	, -		SPRING ; [7280] BRADLEY;BONE			Int.	12-1/4"	9-5/8"	4,834	1,530	-	CIRC
									SPRING ; [97955] WC-025 G-06 S263319P;BONE SPRING ; [98090] WC-025 G-07 S263329D;LOWER BONE SPR			Prod.	8-3/4"	5-1/2"	16,500	2,155	4,000	CALC
13 3002542936	EOG RESOURCES INC	ORRTANNA 20 FEDERAL #701H	OIL	ACTIVE	220 FSL & 950 FWL, M-20, T26S, R33E	4/26/2016	9,035	17,136	[97900] RED HILLS;UPPER BONE	LEA	NM	Surf.	14-3/4"	10-3/4"	837	656	-	CIRC
									SPRING SHALE ; [98097] SANDERS			Int.	9-7/8"	7-5/8"	11,048	1,590	-	CIRC
									TANK;UPPER WOLFCAMP			Prod.	6-3/4"	5-1/2" X 5"	17,136	765	7,960	EST
14 3002542938	EOG RESOURCES INC	ORRTANNA 20 FEDERAL #702H	OIL	ACTIVE	220 FSL & 995 FWL, M-20, T26S, R33E	5/21/2016	9,036	17,142	[97900] RED HILLS;UPPER BONE	LEA	NM	Surf.	14-3/4"	10-3/4"	929	651	-	CIRC
									SPRING SHALE ; [98097] SANDERS			Int.	9-7/8"	7-5/8"	11,065	1,590		CIRC
									TANK;UPPER WOLFCAMP			Prod.	6-3/4"	5-1/2" X 5"	11,545	765	10,265	
15 3002543663	EOG RESOURCES INC	ORRTANNA 20 FEDERAL #703H	OIL	ACTIVE	221 FSL & 1969 FWL, N-20, T26S, R33E	4/15/2017	9,046		1	LEA	NM	Surf.	14-3/4"	10-3/4"	1,089	880		CIRC
									WOLFCAMP			Int.	8-3/4"	7-5/8"	11,600	3,111		CIRC
46 20025 42664	500 0500 10050 100	000744194 00 5505044 #30444	011		224 FCL 8 4000 FMIL N 20 T2CC D225	4/2/2017	0.042	47.400		154	NINA	Prod.	6-3/4"	5-1/2"	17,128	573 835	10,000	
16 3002543664	EOG RESOURCES INC	ORRTANNA 20 FEDERAL #704H	OIL	ACTIVE	221 FSL & 1999 FWL, N-20, T26S, R33E	4/3/2017	9,043			LEA	NM	Surf. Int.	14-3/4" 8-3/4"	10-3/4" 7-5/8"	1,032 11,603	835 3,131		CIRC
									WOLFCAMP			Prod.	8-3/4 6-3/4"	7-5/8 5-1/2"	11,603	3,131 575	- 8,850	
17 3002540802	CHEVRON U S A INC	PORTER BROWN 1H	OIL	Active	340' FSL & 340' FEL, P-19, T26S, R33E	11/17/2012	5,943	13 468	WC-025 G-06 S263319P; BONE	LEA	NM	Surf.	17-1/2"	13-3/8"	825	815	,	CIRC
1, 5002540002	CHEVRON 0 5 A INC	I ONTEN DROWN IN	OIL	Active	5 15 1 5E & 5H0 T EE, F-15, T205, N53E	11/17/2012	5,545		SPRING	-27		Int.	17-1/2 12-1/4"	13-5/8" 9-5/8"	4.804	1.655		CIRC
												Prod.	8-1/2"	5-1/2"	13,461	2,645	4,000	
18 3002542659	CHEVRON U S A INC	SALADO DRAW 18 26 33 FEDERAL 1H	OIL	Active	200' FNL & 873' FWL, D-19, T26S, R33E	7/12/2015	5,892	14.042	WC-025 G-06 S263319P; BONE	LEA	NM	Surf.	17-1/2"	13-3/8"	863	1,006	,	CIRC
	2			,		.,,0	-,		SPRING			Int.	12-1/4"	9-5/8"	4,665	1,588		CIRC
												Prod.	8-3/4"	5-1/2"	14,030	1,681	3,006	
19 3002542660	CHEVRON U S A INC	SALADO DRAW 18 26 33 FEDERAL 2H	OIL	Active	200' FNL & 923' FWL, D-19, T26S, R33E	7/15/2015	5,900	14,135	WC-025 G-06 S263319P; BONE	LEA	NM	Surf.	17-1/2"	13-3/8"	870	1,006	-	CIRC
									SPRING			Int.	12-1/4"	9-5/8"	4,670	1,539	-	CIRC
												Prod.	8-3/4"	5-1/2"	14,135	1,515	800	

-

Ref. API Number	Current Operator	Lease Name and Well Number	Well Type	Status	Surface Location	Date Drilled	TD (TVDSS) D	Total epth (Md)	Current Prod Pool	County	State	Casing	Hole Size	Casing Size	Set Depth	SX Cement	Cement Top	Method
20 3002542278	CHEVRON U S A INC	SALADO DRAW 18 26 33 FEDERAL 3H	OIL	Active	200' FNL & 1943' FWL, C-19, T26S, R33E	12/17/2014	5,952		C-025 G-06 S263319P; BONE	LEA	NM	Surf.	17-1/2"	13-3/8"	859	990		CIRC
								SP	RING			Int. Prod.	12-1/4" 8-3/4"	9-5/8" 5-1/2"	4,846 13.879	1,550 1.560		CIRC
21 3002542279	CHEVRON U S A INC	SALADO DRAW 18 26 33 FEDERAL 4H	OIL	Active	200' FNL & 1993' FWL, C-19, T26S, R33E	2/11/2015	5,945	13 000 W/	C-025 G-06 S263319P; BONE	LEA	NM	Surf.	8-3/4	13-3/8"	13,879	1,560		CIRC
21 3002342275	CHEVICON O 5 A INC	SALADO DIAW 18 20 55 TEDEIAE 411	OIL	Active	200 THE & 1353 TWE, C-15, 1203, N35E	2/11/2015	5,545		RING			Int.	12-1/4"	9-5/8"	4,735	1,555		CIRC
												Prod.	8-3/4"	5-1/2"	13,900	1,595		CIRC
22 3002542280	CHEVRON U S A INC	SALADO DRAW 19 26 33 FEDERAL 3H	OIL	Active	200' FNL & 1968' FWL, C-19, T26S, R33E	1/20/2015	5,975	14,055 W	C-025 G-06 S263319P; BONE	LEA	NM	Surf.	17.5"	13.375"	863	990		CIRC
									RING			Int.	12.25"	9.625"	4,791	1,535	-	CIRC
												Prod.	8.75"	5.5"	14,045	1,624	4,000	CALC
23 3002542281	CHEVRON U S A INC	SALADO DRAW 19 26 33 FEDERAL 4H	OIL	Active	200' FNL & 2018' FWL, C-19, T26S, R33E	2/28/2015	5,930		C-025 G-06 S263319P; BONE	LEA	NM	Surf.	17-1/2"	13-3/8"	859	1,020		CIRC
								SP	RING			Int.	12-1/4"	9-5/8"	4,710	1,540		CIRC
						- / /						Prod.	8-3/4"	5-1/2"	13,954	1,635		CIRC
24 3002542661	CHEVRON U S A INC	SALADO DRAW 19 26 33 FEDERAL COM	OIL	Active	200' FNL & 898' FWL, D-19, T26S, R33E	7/14/2015	5,872		C-025 G-06 S263319P; BONE	LEA	NM	Surf.	17-1/2"	13-3/8"	856	1,006		CIRC
		1H						SP	RING			Int. Prod.	12-1/4" 8-3/4"	9-5/8" 5-1/2"	4,338 13,830	1,507 1,678		CIRC CALC
25 3002542662	CHEVRON U S A INC	SALADO DRAW 19 26 33 FEDERAL COM	OIL	Active	200' FNL & 948' FWL, D-19, T26S, R33E	8/5/2012	5,913	13 647 [0]	7955] WC-025 G-06	LEA	NM	Surf.	6-5/4 17-1/2"	13-3/8"	863	1,078		CIRC
25 5002542002	CHEVRON 0 5 A INC	#002H	OIL	Active	200 THE & 948 TWE, D-19, 1203, 133E	0/ 5/ 2012	5,515		63319P;BONE SPRING			Int.	12-1/4"	9-5/8"	4,665	2,613		CIRC
		#00211						52				Prod.	8-3/4"	5-1/2"	13.647	1.647	3.830	
26 3002542629	CHEVRON U S A INC	SALADO DRAW 29 26 33 FEDERAL COM	OIL	Shut-in	200' FNL & 1283' FWL, D-29, T26S, R33E	11/15/2015	5,968	16.469 [98	8307] NEEDMORE TANK;BONE	LEA	NM	Surf.	17-1/2"	13-3/8"	860	1,008	- /	CIRC
		#001H			, ., ., .	, , ,	-,		RING ; [97955] WC-025 G-06			Int.	12-1/4"	9-5/8"	4,791	1,545		CIRC
									63319P;BONE SPRING			Liner		7-5/8"	9,318	281	4,500	CALC
												Prod.	8-3/4"	5"	16,452	907	4,308	CBL
27 3002542637	CHEVRON U S A INC	SALADO DRAW 29 26 33 FEDERAL COM	OIL	Shut-in	200' FNL & 1308' FWL, D-29, T26S, R33E	11/14/2015	5,960	16,535 [98	8307] NEEDMORE TANK;BONE	LEA	NM	Surf.	17-1/2"	13-3/8"	850	1,006	-	CIRC
		#002H							RING ; [97955] WC-025 G-06			Int.	12-1/4"	9-5/8"	4,800	1,536		CIRC
								S2	63319P;BONE SPRING			Liner	8-3/4"	7-5/8"	9,290	282		CIRC
												Prod.	8-3/4"	5"	16,514	989	3,150	
28 3002542638	CHEVRON U S A INC	SALADO DRAW 29 26 33 FEDERAL COM	OIL	Active	200' FNL & 1333' FWL, C-29, T26S, R33E	10/4/2015	6,007		8307] NEEDMORE TANK;BONE	LEA	NM	Surf.	17-1/2"	13-3/8"	843	1,005		CIRC
		#003H							RING ; [97955] WC-025 G-06			Int.	12-1/4"	9-5/8"	4,755	460		CIRC
20 2002542620			011	Church In	200' FNIL & 1258' FNIL C 20 T265 D225	10/7/2015	6,060		63319P;BONE SPRING		NM	Prod.	8-3/4" 17-1/2"	5-1/2" 13-3/8"	16,474 804	2,219	4,270	CBL
29 3002542639	CHEVRON U S A INC	SALADO DRAW 29 26 33 FEDERAL COM #004H	OIL	Shut-in	200' FNL & 1358' FWL, C-29, T26S, R33E	10/7/2015	6,060		8307] NEEDMORE TANK;BONE RING ; [97955] WC-025 G-06	LEA	INIVI	Surf. Int.	17-1/2 12-1/4"	13-3/8 9-5/8"	4,842	1,005		CIRC
		#00411							63319P;BONE SPRING			Prod.	8-3/4"	5-1/2"	16,551	2,260	3,950	
30 3002544088	CHEVRON U S A INC	SD EA 18 19 P15 FED COM 016H	OIL	Active	467' FSL & 2363' FEL, A-18, T26S, R33E	5/22/2018	9,070		NDERS TANK; UPPER WOLFCAMP	IFA	NM	Surf.	17-1/2"	13-3/8"	846	868		CIRC
50 50025 11000	enevitor o s A inc	35 EA 10 13 1 13 1 EB COM 01011	0.2	Active	10, 102 a 2000 122,71 20, 1200, 1002	5,22,2010	5,676	22,010 34		2271		Int.	12-1/4"	9-5/8"	11,512	2,191		CIRC
												Prod.	8-1/2"	5-1/2"	22,291	3,779		CIRC
31 3002544167	CHEVRON U S A INC	SD EA 18 19 FEDERAL COM P15 019H	OIL	Active	455' FNL & 905' FEL, A-18, T26S, R33E	7/14/2018	9,347	22,583 SA	NDERS TANK; UPPER WOLFCAMP	LEA	NM	Surf.	17-1/2"	13-3/8"	841	900	-	CIRC
												Int.	12-1/4"	9-5/8"	11,419	972	-	CIRC
												Liner	8-1/2"	7-5/8"	12,250	143	11,087	
												Prod.	6-3/4"	5-1/2" x 5"	22,572	2,157	11,112	
32 3002544090	CHEVRON U S A INC	SD EA 18 19 FEDERAL COM P15 018H	OIL	Active	455' FNL & 930' FEL, A-18, T26S, R33E	6/5/2018	9,127	22,423 SA	NDERS TANK; UPPER WOLFCAMP	LEA	NM	Surf.	17-1/2"	13-3/8"	840	900		CIRC
												Int.	12-1/4"	9-5/8"	11,373	2,191		CIRC
22 20025 44004			011			C /0 /2010	5 024	12.052.000		154	NM	Prod.	8-3/4"	5-1/2"	22,196	6,591	7,460	
33 3002544091	CHEVRON U S A INC	SD EA 18 19 P15 FED COM 020H	OIL	Active	467' FSL & 2363' FEL, A-18, T26S, R33E	6/8/2018	5,931		C-025 G-06 S263319P; BONE RING	LEA	INIVI	Surf. Int.	17-1/2" 12-1/4"	13-3/8" 9-5/8"	850 8,480	905 829		CIRC CIRC
								35	Ring			Prod.	8-1/2"	5-1/2"	13,952	1,541	- 3,155	
34 3002544089	CHEVRON U S A INC	SD EA 18 19 P15 FED COM 017H	OIL	Active	467' FSL & 2363' FEL, A-18, T26S, R33E	6/4/2018	9,383	22.641 \$4	NDERS TANK; UPPER WOLFCAMP	LEA	NM	Surf.	17-1/2"	13-3/8"	842	803		CIRC
	C. LEWICON O D'A INC		0.2	Active		0, 1,2010	5,565	, JA	CAMP			Int.	12-1/4"	9-5/8"	11,405	2,191		CIRC
												Liner	8-1/2"	7-5/8"	12,210	149	11,075	
												Prod.	6-3/4"	5-1/2" x 5"	22,591	1,995	11,063	CBL
35 3002542795	CHEVRON U S A INC	SD EA 18 FEDERAL P6 5H	OIL	Active	266' FNL & 1778' FEL, B-19, T26S, R33E	1/27/2016	5,915	14,214 W	C-025 G-06 S263319P; BONE	LEA	NM	Surf.	17-1/2"	13-3/8"	851	1,006	-	CIRC
								SP	RING			Int.	12-1/4"	9-5/8"	4,721	1,527		CIRC
												Prod.	8-3/4"	5-1/2"	14,204	1,691	4,035	
36 3002542796	CHEVRON U S A INC	SD EA 18 FEDERAL P6 6H	OIL	Active	247' FNL & 1763' FEL, B-19, T26S, R33E	3/15/2016	5,915		C-025 G-06 S263319P; BONE	LEA	NM	Surf.	17-1/2"	13-3/8"	847	1,006		CIRC
								SP	RING			Int.	12-1/4"	9-5/8"	4,712	1,527		CIRC
27 20025 12707	0151001		C ''	c 1 · · ·		1/20/2016	F 000	40.000		154		Prod.	8-3/4"	5-1/2"	14,176	1,614	4,315	
37 3002542797	CHEVRON U S A INC	SD EA 19 FEDERAL P 6 #005H	OIL	Shut-in	227' FNL & 1747' FEL, B-19, T26S, R33E	1/30/2016	5,923	-	7955] WC-025 G-06	LEA	NM	Surf.	17-1/2"	13-3/8" 0 F /8"	838	1,006		CIRC
								S2	63319P;BONE SPRING			Int. Brod	12-1/4" 8 2 /4"	9-5/8" 5 1/2"	4,745	1,525		CIRC
38 3002542798	CHEVRON U S A INC	SD EA 19 FEDERAL P6 6H	OIL	Active	207' FNL & 1732' FEL, B-19, T26S, R33E	2/1/2016	5,894	13 742 14/	C-025 G-06 S263319P: BONE	LEA	NM	Prod. Surf.	8-3/4" 17-1/2"	5-1/2" 13-3/8"	13,915 840	1,614 1,006	3,760	CALC
30 3002542/98	CHEVRON U S A INC	20 EA 13 LEDEKAL 60 0H	UIL	ACTIVE	207 FINL & 1732 FEL, B-19, 1203, K33E	2/1/2016	5,894	-,	C-025 G-06 S263319P; BONE RING	LEA	NIVI	Surt. Int.	17-1/2" 12-1/4"	13-3/8" 9-5/8"	840 4,729	1,006 1,527		CIRC
								58	Mino			Prod.	8-3/4"	5-1/2"	13,730	1,635	4,892	
1													J-J/H	J-1/2	13,/30	1,033	4,092	CDL

.

Ref.	API Number	Current Operator	Lease Name and Well Number	Well Type	Status	Surface Location	Date Drilled	TD (TVDSS)	Total epth (Md)	Current Prod Pool	County	State	Casing	Hole Size	Casing Size	Set Depth	SX Cement	Cement Top	Method
39	3002542799	CHEVRON U S A INC	SD EA 19 FEDERAL P6 7H	OIL	Active	188' FNL & 1716' FEL, B-19, T26S, R33E	2/2/2016	5,958	13,846	WC-025 G-06 S263319P; BONE	LEA	NM	Surf.	17-1/2"	13-3/8"	854	1,006	-	CIRC
									9	SPRING			Int.	12-1/4"	9-5/8"	4,702	1,470		CIRC
													Prod.	8-3/4"	5-1/2"	13,833	1,655	4,325	-
40	3002544485	CHEVRON U S A INC	SD EA 29 32 FEDERAL COM P10 #017H	OIL	Active	120' FNL & 2605' FWL, C-29, T26S, R33E	6/2/2018	9,067		[98308] NEEDMORE TANK;UPPER	LEA	NM	Surf.	17-1/2"	13-3/8"	873	868		CIRC
										WOLFCAMP ; [98097] SANDERS			Int.	12-1/4"	9-5/8"	11,600	2,085	4,919	
							- / /			TANK;UPPER WOLFCAMP			Prod.	8-1/2"	5-1/2"	19,770	681	4,957	
41	3002544333	CHEVRON U S A INC	SD EA 29 32 FEDERAL COM P11 #013H	OIL	Active	195' FNL & 828' FWL, D-29, T26S, R33E	5/26/2018	9,070		[98308] NEEDMORE TANK; UPPER	LEA	NM	Surf.	17-1/2"	13-3/8"	837	868	-	
										WOLFCAMP ; [98097] SANDERS			Int.	12-1/4"	9-5/8"	11,593	3,960	4,833	
42	3002544334			OIL	A	195' FNL & 853' FWL, D-29, T26S, R33E	5/27/2018	9,523		TANK;UPPER WOLFCAMP	LEA	NM	Prod. Surf.	8-1/2" 17-1/2"	5-1/2" 13-3/8"	19,780 864	2,812	5,531 33	
42	3002544554	CHEVRON U S A INC	SD EA 29 32 FEDERAL COM P11 #014H	UIL	Active	195 FINL & 855 FWL, D-29, 1205, R55E	5/2//2018	9,525		[98308] NEEDMORE TANK; UPPER	LEA	INIVI	Int.	17-1/2 12-1/4"	15-5/8 9-5/8"	11,590	8,449	4,838	
										WOLFCAMP ; [98097] SANDERS TANK;UPPER WOLFCAMP			Prod.	8-1/2"	5-1/2"	20,156	2,897	4,656	
12	3002544335	CHEVRON U S A INC	SD EA 29 32 FEDERAL COM P11 #015H	OIL	Active	195' FNL & 878' FWL, D-29, T26S, R33E	5/29/2018	9,132		[98308] NEEDMORE TANK; UPPER	LEA	NM	Surf.	17-1/2"	13-3/8"	807	868	- 3,033	
43	5002544555	CHEVRON U S A INC	5D EA 29 52 FEDERAL COM P11 #015H	UIL	Active	193 FINL & 878 FWL, D=29, 1203, K33E	3/29/2018	9,152		WOLFCAMP ; [98097] SANDERS	LEA	INIVI	Int.	17-1/2 12-1/4"	9-5/8"	11,589	4.118	- 750	
										TANK;UPPER WOLFCAMP			Prod.	8-1/2"	5-1/2"	19,720	5,216	-	
44	3002544336	CHEVRON U S A INC	SD EA 29 32 FEDERAL COM P11 #016H	OIL	Active	195' FNL & 903' FWL, D-29, T26S, R33E	5/29/2018	9,487		[98308] NEEDMORE TANK; UPPER	LEA	NM	Surf.	17-1/2"	13-3/8"	841	868		CIRC
	5002511550	CHEVNON O SAINC	30 ER 23 52 1 EDERAE COM 1 11 #01011	0.2	Active	155 112 0 565 1 112, 5 25, 1265, 1652	5/25/2010	5,107		WOLFCAMP ; [98097] SANDERS	22/1		Int.	12-1/4"	9-5/8"	11,633	4,034		CALC
										TANK:UPPER WOLFCAMP			Prod.	8-1/2"	5-1/2"	20,282	5,342	500	
45	3002543674	CHEVRON U S A INC	SD WE 24 FEDERAL P24 005H	OIL	Active	484' FSL & 990' FWL, P-24, T26S, R32E	8/12/2017	5,917		WC-025 G-06 S263319P; BONE	LEA	NM	Surf.	17-1/2"	13-3/8"	712	844		CIRC
						,	-,,	-,		SPRING			Int.	12-1/4"	9-5/8"	4,545	1,487		CIRC
													Prod.	8-3/4"	5-1/2"	19,328	2,727		
46	3002543673	CHEVRON U S A INC	SD WE 24 FEDERAL P24 006H	OIL	Active	484' FSL & 990' FWL, P-24, T26S, R32E	8/11/2017	5,912	19,286	WC-025 G-06 S263319P; BONE	LEA	NM	Surf.	17-1/2"	13-3/8"	706	844	-	CIRC
										SPRING			Int.	12-1/4"	9-5/8"	4,495	1,487	-	CIRC
													Prod.	8-3/4"	5-1/2"	19,278	2,727	-	CIRC
47	3002543675	CHEVRON U S A INC	SD WE 24 FEDERAL P24 007H	OIL	Active	484' FSL & 990' FWL, P-24, T26S, R32E	8/10/2017	5,929	19,371 \	WC-025 G-06 S263319P; BONE	LEA	NM	Surf.	17-1/2"	13-3/8"	662	844	-	CIRC
									9	SPRING			Int.	12-1/4"	9-5/8"	4,536	1,487	-	CIRC
													Prod.	8-3/4"	5-1/2"	19,363	2,612	-	CIRC
48	3002544534	COG OPERATING LLC	TIGERCAT FEDERAL COM #003H	OIL	ACTIVE	360' FNL & 1650' FWL, C-08, T26S, R33E	5/19/2018	9,533	17,636 [[98097] SANDERS TANK;UPPER	LEA	NM	Surf.	14-3/4"	10-3/4"	955	1,000	-	CIRC
									١	WOLFCAMP			Int.	9-7/8"	7-5/8"	11,596	1,550	3,720	TEMP
													Prod.	6-3/4"	5-1/2" x 5"	17,624	3,250	-	CIRC
49	3002544535	COG OPERATING LLC	TIGERCAT FEDERAL COM #004H	OIL	ACTIVE	360 FNL & 1620 FWL, C-08, T26S, R33E	4/26/2018	6,954	15,066 [[7280] BRADLEY;BONE SPRING	LEA	NM	Surf.	17-1/2"	13-3/8"	936	750		CIRC
													Int.	12-1/4"	9-5/8"	4,922	1,600		CIRC
													Prod.	8-3/4"	5-1/2"	15,056	2,300		CIRC
50	3002542027	CONOCOPHILLIPS	WAR HAMMER 25 FEDERAL COM W1	OIL	ACTIVE	316 FNL & 125 FEL, A-25, T26S, R32E	3/8/2015	9,084	12,382 [[98081] ZIA HILLS;WOLFCAMP	LEA	NM	Surf.	17-1/2"	13-3/8"	794	708		CIRC
		COMPA	#003H										Int.	13-5/8"	9-5/8"	4,778	1,322	40	
													Int.	8-3/4"	7-5/8"	12,382	995	2,750	
													Prod.	6-3/4"	5"	18,885	551	8,690	
51	3002542028	CONOCOPHILLIPS	WAR HAMMER 25 FEDERAL COM W2	OIL	ACTIVE	283 FNL & 125 FEL, A-25, T26S, R32E	3/8/2015	9,532	19,670 [[98081] ZIA HILLS;WOLFCAMP	LEA	NM	Surf.	17-1/2"	13-3/8"	798	708		CIRC
		COMPA	#002H										Int.	12-1/4"	9-5/8"	4,778	1,285		CIRC
													Int.	8-3/4"	7-5/8"	12,198	526	518	
50	2002542020	CONOCODUNIES		0"	A (771) /7		2/11/2015	0.000	20.027			NINA	Prod.	6-3/4"	5"	19,651	1,124	5,356	
52	3002542029	CONOCOPHILLIPS	WAR HAMMER 25 FEDERAL COM W3	OIL	ACTIVE	250 FNL & 125 FEL, A-25, T26S, R32E	3/11/2015	9,983	20,027 [[98081] ZIA HILLS;WOLFCAMP	LEA	NM	Surf.	17-1/2"	13-3/8"	765	705 759		CIRC CIRC
		COMPA	#001H										Int.	12-1/4" 8 2/4"	10-3/4" 7 E /9"	4,591	759 435		
													Int. Prod.	8-3/4" 6-3/4"	7-5/8" 5"	12,207 20,007	435 1,143	4,050 11,600	
52	3002542560	CONOCOPHILLIPS CO	ZIA HILLS 25E FEDERAL COM #401H	OIL	ACTIVE	250 FNL & 2310 FEL, B-25, T26S, R32E	7/1/2018	6,728	17 282 1	98009] ZIA HILLS;BONE SPRING ;	LEA	NM	Surf.	14-3/4"	11-3/4"	20,007	431		CIRC
55	3002342300	CONOCOPHILLIPS CO	ZIA HILLS ZSE FEDERAL COW #401H	UIL	ACTIVE	230 THE & 2310 FEL, D-23, 1203, R32E	//1/2018	0,728		[98009] ZIA HILLS;BONE SPRING ; [98081] ZIA HILLS;WOLFCAMP	LEA	NIVI	Int.	14-5/4 10-5/8"	8-5/8"	4,879	825		CIRC
									l	20001 ZIA TILLS; WULFCAMP			Prod.	7-7/8"	8-5/8 5-1/2"	4,879	1.982	- 188	
54	3002543364	CONOCOPHILLIPS CO	ZIA HILLS 25E FEDERAL COM #402H	OIL		283 FNL & 2310 FEL, B-25, T26S, R32E	7/1/2018	7,512	17 9/15	[98009] ZIA HILLS;BONE SPRING ;	LEA	NM	Surf.	14-3/4"	11-3/4"	918	431		CIRC
54	3002343304	CONOCOFFICEIRS CO	ZIA TILLO ZOE FEDERAL COIVI #4020	UIL	ACTIVE	203 HNE & 2310 FEL, D-23, 1203, R32E	//1/2018	7,512		[98065] WC-025 G-08	LEA	INIVI	Int.	14-5/4 10-5/8"	8-5/8"	4,879	431 624		CIRC
										S263205N;UPPER WOLFCAMP;			Prod.	7-7/8"	8-3/8 5-1/2"	4,879	1.982	188	
										JZUJZUJN;UPPER WULFCANIP;			riou.	1-110	J-1/2	17,201	1,702	100	CINC

Received by OCD: 11/29/2022 4:59:17 PM



Salado Draw Gas Re-Injection Reservoir Modeling and Pilot Results

Yula Tang, Stefan Lattimer, Christine DeFriend **MidContinent Business Unit – Delaware Basin Operations Technical Team**

Nov. 10, 2022

Page 175 of 195



BEFORE THE OIL CONSERVATION DIVISION Santa Fe, New Mexico Exhibit No. 21 Submitted by: Chevron U.S.A. Inc. Hearing Date: December 1, 2022 Case No. 23174

Salado Draw Gas Re-Injection for LPO Avoidance (LPO = lost production opportunity)

- Selected program candidate: Salado Draw (SD) in South Lea, NM Avalon bench selected due to depleted pressures
- Modeling to support gas re-injection: A dual-tank model was previously built in 2019. Integrated production modeling (IPM, nodal analysis tool) shows that gas reinjection is feasible.

Gas re-injection pilot:

- **Pilot**: SD19-2 re-injection performed May 14th-21st 2021 @ 1.5 mmscfd for 7 days
- Analysis: Data from downhole memory gauge, surface injection meter, and post injection were analyzed with a numerical model and history match achieved (model matches data)
- **Results**: The results confirm the previous estimation of injectivity 100% recovery of re-injected gas

Key message: The injected gas was 100% recovered in 5 months within 5% measurement error



Page 176 of 195

2

Modeling to Support Gas Re-Injection: **Dual Tank Model**

- Uncertainty we're trying to address with modeling: gas re-injection capacity and pressure change
- Dual tank model (material balance) was built to evaluate gas re-injection capacity and pressure change over a feasible upset duration (14 days). Tank sizes for SRV (stimulated rock volume) were estimated based on Harmony RTA (rate transient analysis) geometry.
- IPM model was built to understand wellbore hydraulics during gas re-injection

Key message: Model results demonstrate feasibility of gas re-injection

- Simulated injection for 14 days (this is the longest upset duration observed in this area; typically upsets are hrs to days)
- Results: Observed slight pressure increase in SRV (stimulated rock volume) reservoir pressure and wellhead pressure in model results
- Performed sensitivity analysis to further address range of uncertainties



Page 177 of 195

3

Modeling to Support Gas Re-Injection: **Model Parameters**

- Injection gas rate: target 1.5 2.0 MMCFD
- Injection formation depth ~9,150' TVD; and temperature ~136 °F
- Injection (CHP) casing head pressure: 1,100-1,200 psi
- Injection (BHP) bottomhole pressure: max = 1100psi (CHP) + 0.0445 psi/ft* 9150ft = 1,500 psi
- Initial reservoir pressure: ~4,650 psi
- Depleted BHP (Aug 2019) : ~ 440-610 psig (8 wells)
- Shut In (SI) BHP (Aug 2019) : 550 750 psig (8 wells, 12 hrs SI)
- Injection duration: 3-5 days expected on avg.; 1x-3x / month



Page 178 of 195

Modeling to Support Gas Re-Injection: Model Results: GAP with Dual-Tank Model (SRV & Matrix)

Key message: model supports that gas re-injection up to 2 mmscfd for 14 days is doable

- Simulation Parameters for Dual Tank Model: (2019 model)
 - Production until 3/31/2020 with typical gas-lift: 0.8 mmscfd
 - Gas re-injection 4/1-15/2020: 2 mmscfd
- Model Results:
 - During re-injection, matrix pressure is also charging SRV. Gas re-injection will be contained within SRV volume.
 - With depleted reservoir, well head injection pressure of 1,200 psi will be enough to push the 2 MMscfd injection gas into reservoir.









5

Gas Re-Injection Pilot: Pressure Estimation for Pilot at Updated Reservoir Conditions

- Before beginning the re-injection pilot for SD 19-2 in May 2021:
 - New reservoir conditions observed: increased water cut post-April 2020 shut in
 - This required updating flowing bottomhole pressure (FBHP) estimate using Prosper (nodal analysis tool)
 - Updated FBHP estimate: ~1100 psi



Key messages: Model matches data (history matched) Pilot wells are sufficiently depleted based on BHP calculation 2. Re-injection is still possible with updated reservoir conditions (increased water cut) 3.


Key message: Pilot well was able to accept 1500 mcfd for 7 days

Gas Re-Injection Pilot: Pilot Injection History

Rates are from MPR and calibrated with WT



Chevror

pre-injection memory gauge = 1,140 psi

Gas Re-Injection Pilot: Pilot Analysis – Rubis Modeling & History Match

Key message: Pilot data matches the model giving us confidence in our model; however history matching is more difficult with updated reservoir conditions (water influx with limited drainage volume). It is likely that there is a constant pressure supply, i.e. water charging.



Page 182 of 195

Received by OCD: 11/29/2022 4:59:17 PM

Well Test

Water

Gas

Oil

450

400 350

300 250

Gas Re-Injection Pilot: Pilot Injection Volume

Key message: Total pilot re-injected gas volume was 8.5 mmscf over a 7-day period

GOR ~9,100 scf/stbo

12/1/2020

2/1/2021

3/1/202



Recovered gas

Gas Re-Injection Pilot: Analysis and Results

Key message: Calculated re-injected gas recovered volume ~8.9 mmscf. This is within a reasonable ~5% measurement error of the 8.5 mmscf injected volume. 100% of gas re-injected volume was recovered.

- Blue Curve: Cum. Gas Volume since RTP = Gas_Volume-Gas_Vol@RTP
- 2. Red: Cum. Formation Gas since RTP = Sum of oil rate*GOR (prior to injection)
- 3. Recovered Injected Gas Volume = Cum. Gas Volume - Cum. Formation Gas

Notes:

- Gas_Volume is counted based on allocated daily rate
- Oil rate based on allocated daily rate
- GOR (prior to injection) = 9,100 scf/stbo for SD 19-2 based on stabilized GOR in well history
- The calculation ends when 100% gas recovered.



Pre-Injection GOR = 9,100 scf/stbo



Gas

Cum.

SD 19-2 Gas Production Volume post Injection

Page 184 of 195

100% recovered

Key Takeaways

Salado Draw Gas Re-Injection for LPO Avoidance

- Selected program candidate: Salado Draw (SD) in South Lea, NM Avalon bench selected due to depleted pressures
- Modeling to support gas re-injection: A dual-tank model was previously built in 2019. Integrated production modeling (IPM) shows that gas reinjection is feasible.

Gas re-injection pilot:

- **Pilot**: SD19-2 re-injection performed May 14th-21st 2021 @ 1.5 mmscfd for 7 days
- Analysis: Data from downhole memory gauge, surface injection meter, and post injection were analyzed with a numerical model and history match achieved (model matches data)
- **Results**: The results confirm the previous estimation of injectivity 100% recovery of re-injected gas

Key message: The injected gas was 100% recovered in 5 months within 5% measurement error



Page 185 of 195

Page 186 of 195 BEFORE THE OIL CONSERVATION DIVISION Santa Fe, New Mexico Exhibit No. 22 Submitted by: Chevron U.S.A. Inc. Hearing Date: December 1, 2022 Case No. 23174

Overview Locator Map

T205	T20S	T20S	T20S	T20S	T20S	T20S	T20S	T20S	T20S	T20S	T20S	T20S	T20S	T20S	T205
	R25E	R26E	R27E	R28E	R29E	R30E	R31E	R32E	R33E	R34E	R35E	R36E	R37E	R38E	R39E
R23E R21S R23E	T21S R24E	T21S R25E	T21S R26E	T21S R27E	T21S R28E	T21S R29E	T21S R30E	T21S R31E	T21S R32E	T21S R33E	T21S R34E	T21S R35E	T21S R36E	T21S R37E	T21S R38E
722S	T22S	T225	T22S	T22S	T22S	T22S	T22S	T22S	T22S	T22S	T22S	T22S	T22S	T22S	T22S
R23E	R24E	R25E	R26E	R27E	R28E	R29E	R30E	R31E	R32E	R33E	R34E	R35E	R36E	R37E	R38E
723S R23E	T23S R24E	T23S R25E	T23S R26E	T23S R27E	T23S R28E	T23S R29E	EDDY T23S R30E	T23S R31E	T23S R32E	T23S R33E	T23S R34E	T23S R35E	T23S R36E	T23S R37E	T23S R38E
r24S	T24S	T24S	T24S	T24S	T24S	T24S	T24S	T24S	T24S	T24S	T24S	T24S	T24S	T24S	T245
R23E	R24E	R25E	R26E	R27E	R28E	R29E	R30E	R31E	R32E	R33E	R34E	R35E	R36E	R37E	R38E
725S	T25S	T25S	T25S	T25S	T25S	T25S	T25S	T25S	T25S	T25S	T25S	T25S	T25S	T25S	T25S
R23E	R24E	R25E	R26E	R27E	R28E	R29E	R30E	R31E	R32E	R33E	R34E	R35E	R36E	R37E	R38E
126S	T26S	T26S	T26S	T26S	T26S	T26S	T265	T26S	T265						
R23E	R24E	R25E	R26E	R27E	R28E	R29E	R30E	R31E	R32E	R33E	R34E	R35E	R36E	R37E	R38E
Chevry	Chevror Explora		oduction C	Company		5		EXAS	ň	LOVING			La La	VINKLER	T
File.	Salad L	of Chevron U.	njection Pilot w Mexico Scale	5: 1:500,000 Ary we of the Land data for			REEVE			R M	X	J	25WARD	9 1	N 3.5 18
This document	t may include proprietan	original data was geneta y, confidential, and copyri Ronal, Citi, Grop 2000 Ma	led may seud in inacounts phind data. For Internet are makers Alaska	internation monty: Portices of this data						₽≯	18.	/ -	52	Miles \	

Received by OCD: 11/29/2022 4:59:17 PM

BEFORE THE OIL CONSERVATION DIVISION Santa Fe, New Mexico Exhibit No. 23 Submitted by: Chevron U.S.A. Inc. Hearing Date: December 1, 2022 Case No. 23174

¹/₂ Mile Radius Map



TRACTS

	Tract 1						
Legal Description:	NE/4, NW/4 SE/4 and S/2 SE/4 of Section 13 and the NE/4 and N/2						
	SE/4 of Section 24 both in T26S-R32E, Lea County, New Mexico						
Operator(s):	Chevron U.S.A. Inc.						
Affected Parties:	Bureau of Land Management						
	Tract 2						
Legal Description:	S/2 SE/4 of Section 24, T26S-R32E, Lea County, New Mexico						
Operator(s):	Chevron U.S.A. Inc.						
Affected Parties:	Bureau of Land Management						
	Tract 3						
Legal Description:	NE/4 SE/4 of Section 13, T26S-R32E, Lea County, New Mexico						
Operator(s):	Chevron U.S.A. Inc.						
Affected Parties:	Bureau of Land Management						
	Atlas OBO Energy, LP						
	Royalty Clearinghouse 2003 LLC						
	BTA Oil Producers						
	Tract 4						
Legal Description:	W ¾ except the SW/4 NW/4 of Section 18, all except the SW/4 SW/4						
	of Section 19, N/2 and SW/4 of Section 29 all of T26S-R33E, Lea						
	County, New Mexico						
Operator(s):	Chevron U.S.A. Inc.						
Affected Parties:	Bureau of Land Management						
	Tract 5						
Legal Description:	SW/4 SW/4 of Section 19, T26S-R33E, Lea County, New Mexico						
Operator(s):	Chevron U.S.A. Inc.						
Affected Parties:	Bureau of Land Management						
	ConocoPhillips Company						
	Tract 6						
Legal Description:	SW/4 NW/4 of Section 18, T26S-R33E, Lea County, New Mexico						
Operator(s):	Chevron U.S.A. Inc.						
Affected Parties:	Bureau of Land Management						

•

Tracts

	Tract 7						
Legal Description:	E/2 SE/4 and SE/4 NE/4 of Section 18, T26S-R33E, Lea County, New						
	Mexico						
Operator(s):	Chevron U.S.A. Inc.						
Affected Parties:	Bureau of Land Management						
	Tract 8						
Legal Description: NE/4 NE/4 of Section 18, T26S-R33E, Lea County, New Mexico							
Operator(s):	Chevron U.S.A. Inc.						
Affected Parties:	Sagebrush Interest LLC						
	Muleshoe Crude LP						
	COG Operating, LLC						
	Tract 9						
Legal Description:	All of Section 12, T26S-R32E, Lea County, New Mexico						
Operator(s):	BTA Oil Producers						
Affected Parties:	Bureau of Land Management						
	Tract 10						
Legal Description:	All of Section 7, T26S-R33E Except the E/2 SE/4, Lea County, NM						
Operator(s):	BTA Oil Producers						
Affected Parties:	Bureau of Land Management						
	Tract 11						
Legal Description:	N/2 NE/4 and NE/4 NW/4 of Section 30, T26S-R33E, Lea County New						
	Mexico						
Operator(s):	BTA Oil Producers						
	Tract 12						
Legal Description:	W/2 of Section 17, T26S-R33E, Lea County, New Mexico						
Operator(s):	EOG						
	Mewbourne						
Affected Parties: Bureau of Land Management							
	Tract 13						
Legal Description:	W/2 of Section 20, T26S-R33E, Lea County, New Mexico						
Operator(s):	EOG						
Affected Parties:	Bureau of Land Management						

•

TRACTS

Tract 14							
Legal Description:	Legal Description: NW/4 NW/4 of Section 30, T26S-R33E, Lea County, New Mexico						
Operator(s):	Matador Production Company						
Affected Parties:	Bureau of Land Management						
	Tract 15						
Legal Description: S/2 NE/4 of Section 30, T26S-R33E, Lea County, New Mexico							
Operator(s):	Matador Production Company						
	Tract 16						
Legal Description:	S/2 NW/4 of Section 30, T26S-R33E, Lea County, New Mexico						
Operator(s):	Matador Production Company						
	Tract 17						
Legal Description:	NE/4 NE/4 of Section 25, T26S-R33E, Lea County, New Mexico						
Operator(s):	ConocoPhillips Company						
Affected Parties:	Bureau of Land Management						
	Tract 18						
Legal Description:	SW/4 SW/4 of Section 8, T26S-R33E, Lea County, New Mexico						
Operator(s):	ConocoPhillips Company						
	Mewbourne						
Affected Parties:	Bureau of Land Management						
Tract 19							
Legal Description:	W/2 E/2, E/2 SE/4 and SE/4 NE/4 of Section 25, T26S-R33E, Lea						
	County, New Mexico						
Operator(s):	ConocoPhillips Company						
Affected Parties:	Bureau of Land Management						
Tract 20							
Legal Description: E/2 SE/4, Section 7, T26S-R33E, Lea County, New Mexico							
Operator(s): BTA Oil Producers							

.

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

APPLICATION OF CHEVRON U.S.A. INC. FOR AUTHORIZATION TO EXPAND MAKE PERMANENT ITS CLOSE LOOP GAS CAPTURE INJECTION AUTHORITY INITIALLY APPROVED AS A PILOT PROJECT UNDER ORDER NO. R-21336, LEA COUNTY, NEW MEXICO.

CASE NO. 23174

AFFIDAVIT

STATE OF NEW MEXICO)) ss. COUNTY OF SANTA FE)

Adam G. Rankin, attorney in fact and authorized representative of the Applicant herein, being first duly sworn, upon oath, states

1. The above-referenced application and notice of the hearing on this application was sent

by certified mail to the affected parties on the date set forth in the letter attached hereto.

2. The spreadsheet attached hereto contains the names of the parties to whom notice was

provided.

3. The spreadsheet attached hereto contains the information provided by the United States

Postal Service on the status of the delivery of this notice as of November 23, 2022.

4. I caused a notice to be published to all parties subject to these compulsory pooling proceedings on October 18, 2022. An affidavit of publication from the publication's legal clerk with a copy of the notice publication is attached as Exhibit 25.

Adam G. Rankin BEFORE THE OIL CONSERVATION DIVISION Santa Fe, New Mexico Exhibit No. 24 Submitted by: Chevron U.S.A. Inc. Hearing Date: December 1, 2022 Case No. 23174 SUBSCRIBED AND SWORN to before me this 29th day of November, 2022 by Adam G.

Rankin.

Notary Public

My Commission Expires:

Nov.	12,	2023
		2.1

STATE OF NEW MEXICO NOTARY PUBLIC CARLA GARCIA COMMISSION # 1127528 COMMISSION EXPIRES 11/12/2023



Adam G. Rankin Phone (505) 988-4421 Fax (505) 983-6043 agrankin@hollandhart.com

October 14, 2022

VIA CERTIFIED MAIL CERTIFIED RECEIPT REQUESTED

TO: AFFECTED PARTIES

Re: Application of Chevron U.S.A. Inc. for Authorization to Expand and Make Permanent its Closed Loop Gas Capture Injection Authority Initially Approved as a Pilot Project Under Order No. R-21336, Lea County, New Mexico.

Ladies & Gentlemen:

This letter is to advise you that Chevron U.S.A. Inc. has filed the enclosed application with the New Mexico Oil Conservation Division. A hearing has been requested before a Division Examiner on **November 3, 2022**, and the status of the hearing can be monitored through the Division's website at <u>http://www.emnrd.state.nm.us/ocd/</u>.

During the COVID-19 Public Health Emergency, state buildings are closed to the public and hearings will be conducted remotely beginning at 8:15 a.m. To participate in the electronic hearing, see the instructions posted on the OCD Hearings website: https://www.emnrd.nm.gov/ocd/hearing-info/.

You are not required to attend this hearing, but as an owner of an interest that may be affected by this 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 matter at a later date. Parties appearing in cases are required to file a Pre-hearing Statement four business days in advance of a scheduled hearing that complies with the provisions of NMAC 19.15.4.13.B.

If you have any questions about this matter, please contact Irvin Gutierrez at (713) 372-4299 or Irvin.gutierrez@chevron.com.

Sincerely,

Adam G. Rankin ATTORNEY FOR CHEVRON U.S.A. INC.

T 505.988.4421 F 505.983.6043 110 North Guadalupe, Suite 1, Santa Fe, NM 87501-1849 Mail to: P.O. Box 2208, Santa Fe, NM 87504-2208 www.hollandhart.com

AlaskaMontanaUtahColoradoNevadaWashington, D.C.IdahoNew MexicoWyoming

Chevron_Salado Draw CLGC Injection Expansion Case No 23174 Postal Delivery Reports

TrackingNo	ToName	DeliveryAddress	City	State	Zip	USPS_Status
						Your item was delivered at 7:32 am on October 18, 2022 in
9414811898765818563789	BTA Oil Producers	104 S Pecos St	Midland	ТΧ	79701-5021	MIDLAND, TX 79702.
						Your item has been delivered to an agent for final delivery
						in NORTH RICHLAND HILLS, TX 76180 on October 17, 2022
9414811898765818563932	Covenant Natural Resources LP	9001 Airport Fwy Ste 825	North Rich	TΧ	76180-7795	at 11:36 am.
						Your item was picked up at a postal facility at 5:13 am on
9414811898765818563970	COG Operating, LLC	PO Box 849929	Dallas	тх	75284-9929	October 19, 2022 in DALLAS, TX 75266.
						Your item was delivered to the front desk, reception area,
						or mail room at 6:26 pm on October 17, 2022 in HOUSTON,
9414811898765818563611	Atlas OBO Energy, LP	1900 Saint James Pl Ste 800	Houston	тх	77056-4133	TX 77056.
						Your package will arrive later than expected, but is still on
9414811898765818563659	Royalty Clearinghouse 2003, LLC	201 W 5th St Ste 1350	Austin	тх	78701-3090	its way. It is currently in transit to the next facility.
						Your item was delivered to an individual at the address at
9414811898765818563666	Bureau of Land Management	301 Dinosaur Trl	Santa Fe	NM	87508-1560	2:32 pm on October 17, 2022 in SANTA FE, NM 87508.
						Your item was delivered to an individual at the address at
9414811898765818563628	Bureau of Land Management	620 E Greene St	Carlsbad	NM	88220-6292	4:02 pm on October 17, 2022 in CARLSBAD, NM 88220.
						Your item was delivered to an individual at the address at
9414811898765818563772	Mewbourne	500 W Texas Ave Ste 1020	Midland	тх	79701-4279	1:20 pm on October 17, 2022 in MIDLAND, TX 79701.
						Your item was picked up at a postal facility at 8:01 am on
9414811898765818563956	Conoco Phillips	600 W Illinois Ave	Midland	тх	79701-4882	October 18, 2022 in MIDLAND, TX 79702.
						Your item was picked up at a postal facility at 7:50 am on
9414811898765818563963	EOG Resources, Inc.	5509 Champions Dr	Midland	ТΧ	79706-2843	October 18, 2022 in MIDLAND, TX 79702.
						Your item was delivered to the front desk, reception area,
						or mail room at 10:34 am on October 17, 2022 in DALLAS,
9414811898765818563925	Matador Production Company	5400 Lbj Fwy Ste 1500	Dallas	ТΧ	75240-1017	TX 75240.
						Your item was delivered to the front desk, reception area,
						or mail room at 11:41 am on October 18, 2022 in
9414811898765818563901	Sagebrush Interest, LLC	2450 Fondren Rd Ste 112	Houston	тх	77063-2314	HOUSTON, TX 77063.
						Your item was delivered to an individual at the address at
9414811898765818563994	Muleshoe Crude, LP	101 Blackberry Ct	Midland	тх	79705-3000	12:48 pm on October 22, 2022 in MIDLAND, TX 79705.
						Your item was delivered to the front desk, reception area,
						or mail room at 12:02 pm on October 17, 2022 in DALLAS,
9414811898765818563949	Chief Capital O&G II, LLC	8111 Westchester Dr Ste 900	Dallas	тх	75225-6146	TX 75225.
						Your item was delivered to an individual at the address at
9414811898765818563987	SRR Permian, LLC	1701 River Run Ste 902	Fort Wort	ТХ	76107-6553	11:37 am on October 18, 2022 in FORT WORTH, TX 76107.

.

Received by OCD: 11/29/2022 4:59:17 PM

Page 195 of 195

Affidavit of Publication

STATE OF NEW MEXICO COUNTY OF LEA

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

> Beginning with the issue dated October 18, 2022 and ending with the issue dated October 18, 2022.

less M

Sworn and subscribed to before me this 18th day of October 2022.

Business Manager



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

> **BEFORE THE OIL CONSERVATION DIVISION** Santa Fe, New Mexico Exhibit No. 25

Submitted by: Chevron U.S.A. Inc.

October 18, 2022 STATE OF NEW MEXICO ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT OIL CONSERVATION DIVISION SANTA FE, NEW MEXICO

LEGAL NOTICE

The State of New Mexico, Energy Minerals and Natural Resources Department, Oil Conservation Division ("Division") hereby gives notice that the Division will hold public hearings before a hearing examiner on the following case. During the COVID-19 Public Health Emergency, state buildings are closed to the public and Division hearings will be conducted remotely. The public hearing for the following case will be electronic and conducted remotely. The public hearing for the following case will be electronic and conducted remotely. The hearing will be conducted on Thursday, November 3, 2022, beginning at 8:15 a.m. To participate in the electronic hearing, see the instructions posted below. The docket may be viewed at https://www.emrrd.nm.gov/ocd/hearing-info/ or obtained from Marlene Salvidrez, at Marlene.Salvidrez@emnrd.nm.gov/Imaging/Default.aspx. If you are an individual with a disability who needs a reader, amplifier, qualified sign language interpreter, or other form of auxiliary aid or service to attend or participate in a hearing, contact Marlene Salvidrez at Marlene.Salvidrez@emnrd.nm.org, no later than October 23, 2022.

Persons may view and participate in the hearings through the following link:

https://nmemnrd.webex.com/nmemnrd/j.php?MTID=mf23132936a5d3c41bec6ac1551e44ea0

Webinar number: 2487 427 3940 Panelist password: qtYFmhHZ762 (78936449 from phones and video systems)

Join by video: 24874273940@nmemnrd.webex.com You can also dial 173.243.2.68 and enter your webinar number

Join by audio: 1-844-992-4726 United States Toll Free +1-408-418-9388 United States Toll Access code: 2487 427 3940

> STATE OF NEW MEXICO TO: All named parties and persons having any right, title, interest or claim in the following case and notice to the public.

(NOTE: All land descriptions herein refer to the New Mexico Principal Meridian whether or not so stated.)

To: All affected parties, including: BTA Oil Producers; Mewbourne; Conoco Phillips; EOG Resources, Inc.; Matador Production Company; Sagebrush Interest, LLC; Muleshoe Crude, LP; Chief Capital O&G II, LLC; SRR Permian, LLC; Covenant Natural Resources LP; COG Operating, LLC; Chevron USA, Inc.; Atlas OBO Energy, LP; Royalty Clearinghouse 2003, LLC; and Bureau of Land Menagement Management.

Case No. 23174: Application of Chevron U.S.A. Inc. for Authorization to Expand and Make Permanent its Closed Loop Gas Capture Injection Authority Initially Approved as a Pilot Project Under Order No. R-21336, Lea County, New Mexico. Applicant in the above-styled cause seeks an order authorizing it to expand and make permanent its Salado Draw closed loop gas capture injection in the Avalon shale interval within the Bone Spring formation that was previously approved as a pilot project in Case No. 21020 under Order No. R-21336 (the "pilot project"). Having completed the pilot project, Chevron now seeks authorization to enlarge the closed loop gas capture injection project area and for authorization to conduct periodic injection for an indefinite period of time. Applicant proposes to expand the closed loop gas capture injection project to create a 1,280-acre, more or less, project area comprising all of Sections 18 and 19 within Township 26 South, Range 33 East, NMPM, Lea County, New Mexico. Chevron seeks authority to use the following producing wells within the proposed expanded project area to occasionally inject produced gas into: • The Salado Draw 19 26 33 Federal Com 002H well (API No. 30-025-42662) with surface location 200 FNL & 948' FWL, (Unit D), Section 19, T26S, R33E; • The Salado Draw 19 Fed P6 005H well (API No. 30-025-42797) with surface location 227' FNL & 1747' FEL, B-19, T26S, R33E;

FEL, B-19, T26S, R33E; • The Porter Brown 001H well (API No. 30-025-40802), with a surface location 340' FSL & 340' FEL, (Unit

P) Section 19, T26S, R33E; • The Salado Draw 18-26-33 FED 001H well (API No. 30-025-42659), with a surface location 200' FNL &

The Salado Draw 18-26-33 FED 001H well (API No. 30-025-42659), with a surface location 200' FNL & 873' FWL, (Unit D) Section 19, T26S, R33E;
The Salado Draw 18-26-33 FED 003H well (API No. 30-025-42278), with a surface location 200' FNL & 1943' FWL, (Unit C) Section 19, T26S, R33E;
The Salado Draw 18-26-33 FED 004H well (API No. 30-025-42279), with a surface location 200' FNL & 1963' FWL, (Unit C) Section 10, T26S, R32E;

1993' FWL, (Unit C) Section 19, T26S, R33E; • The Salado Draw EA 18 FED P6 005H well (API No. 30-025-42795), with a surface location 266' FNL & 1778' FEL, (Unit B) Section 19, T26S, R33E

The Salado Draw EA 18 FED P6 006H well (API No. 30-025-42796), with a surface location 247' FNL & 1763' FEL, (Unit B) Section 19, T26S, R33E

The Salado Draw 19-26-33 FED 001H well (API No. 30-025-42661), with a surface location 200' FNL & 898' FWL, (Unit D) Section 19, T26S, R33E;

898' FWL, (Unit D) Section 19, T26S, R33E; • The Salado Draw 19-26-33 FED 003H well (API No. 30-025-42280), with a surface location 200' FNL & 1968' FWL, (Unit C) Section 19, T26S, R33E; • The Salado Draw 19-26-33 FED 004H well (API No. 30-025-42281), with a surface location 200' FNL & 2018' FWL, (Unit C) Section 19, T26S, R33E; • The Salado Draw EA 19 FED P6 006H well (API No. 30-025-42298), with a surface location 200' FNL & 2018' FWL, (Unit C) Section 19, T26S, R33E; • The Salado Draw EA 19 FED P6 006H well (API No. 30-025-42798), with a surface location 207' FNL & 1732' FEL, (Unit B) Section 19, T26S, R33E; and • The Salado Draw EA 19 FED P6 007H well (API No. 30-025-42799), with a surface location 188' FNL & 1716' FEL, (Unit B) Section 19, T26S, R33E; Chevron seeks authority to use these producing wells to occasionally inject produced gas into the Avalon shale interval within the Bone Spring formation [WC-025 G-06 S263319P; Bone Spring (Pool Code 97955)] at total vertical depths of between approximately 9,090 feet to 9,258 feet along the horizontal portion of each wellbore at surface injection pressures of no more than 1,250 psi. The proposed average injection rate for each well is 1.5 MMscfd with a maximum injection rate of 2.0 MMscfd during injection. The source of the produced gas will be the Bone Spring and Wolfcamp formations. The subject acreage is located approximately 25 miles southwest of Jal, New Mexico. #38147