

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

**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.**

CASE NO. _____

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

1. 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**.

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, NMPPM, 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) Section 19, 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 **Exhibit 2** “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 **Exhibit 3** “Tabulation of Data” and Exhibit 4 “Well Data and Well Diagrams.”

11. 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 **Exhibit 2** “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**

5 “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 shut-in safety valves that will prevent injection pressures from exceeding the MASP. See **Exhibit 6** “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 tie-in 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 **Exhibit 2** “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 **Exhibit 2** "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,

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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) 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.

EXHIBIT 1

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

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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.
 - (c) Chevron’s target injection interval is the Upper Bone Spring 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 thinly bedded carbonate (limestone). Air permeability 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 build-up 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.

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- (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.
- (l) 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.

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- (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.

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- (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.

ORDER

- (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-

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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 9⅞-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.

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- (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
DIRECTOR

EXHIBIT 2

Geology



Salado Draw Type Log

SD EA 18 FED COM P15 019H P11 OT
 UWI: 30025441670000
 Page 21 of 85

CEG_GR	MD	CEG_RESD	MM_REG_PHIT
0.00	gAPI 200.00	0.2000 ohm.m 2.000.0000	0.0000 #3/#3 0.2000
GR_TGS			MM_REG_PHIE
			0.0000 #3/#3 0.2000
GR			

★ Proposed Storage Zone

★ Upper Avalon

- Unconventional siliceous mudstone reservoir with natural permeability in the nano-darcy range

● Adjacent Oil & Gas Zones

● Brushy Canyon

- Conventional very fine-grained sandstone with permeability in the milli-darcy permeability range

● Upper Avalon 2

- Carbonate interbedded with thin layers of silica rich mudstone in the nano-darcy permeability range

● Lower Avalon and 1st Bone Spring

- Silica rich mudstone which is carbonate rich in the nan-darcy permeability range

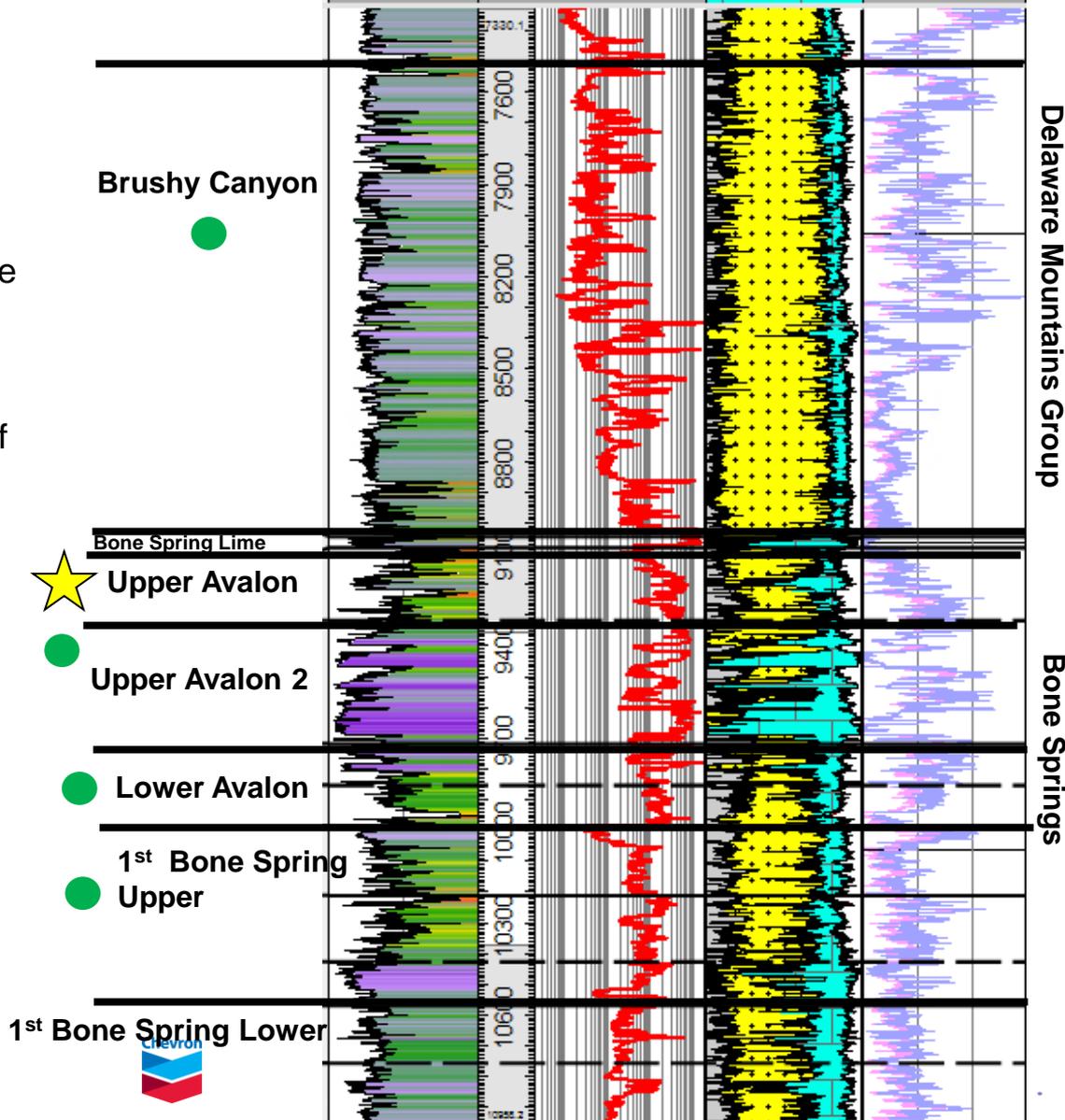
● Confining Layers

● Bone Spring Lime

- Approximately 40' of tight limestone between Brushy Canyon and Upper Avalon

● Upper Avalon 2 Limestone

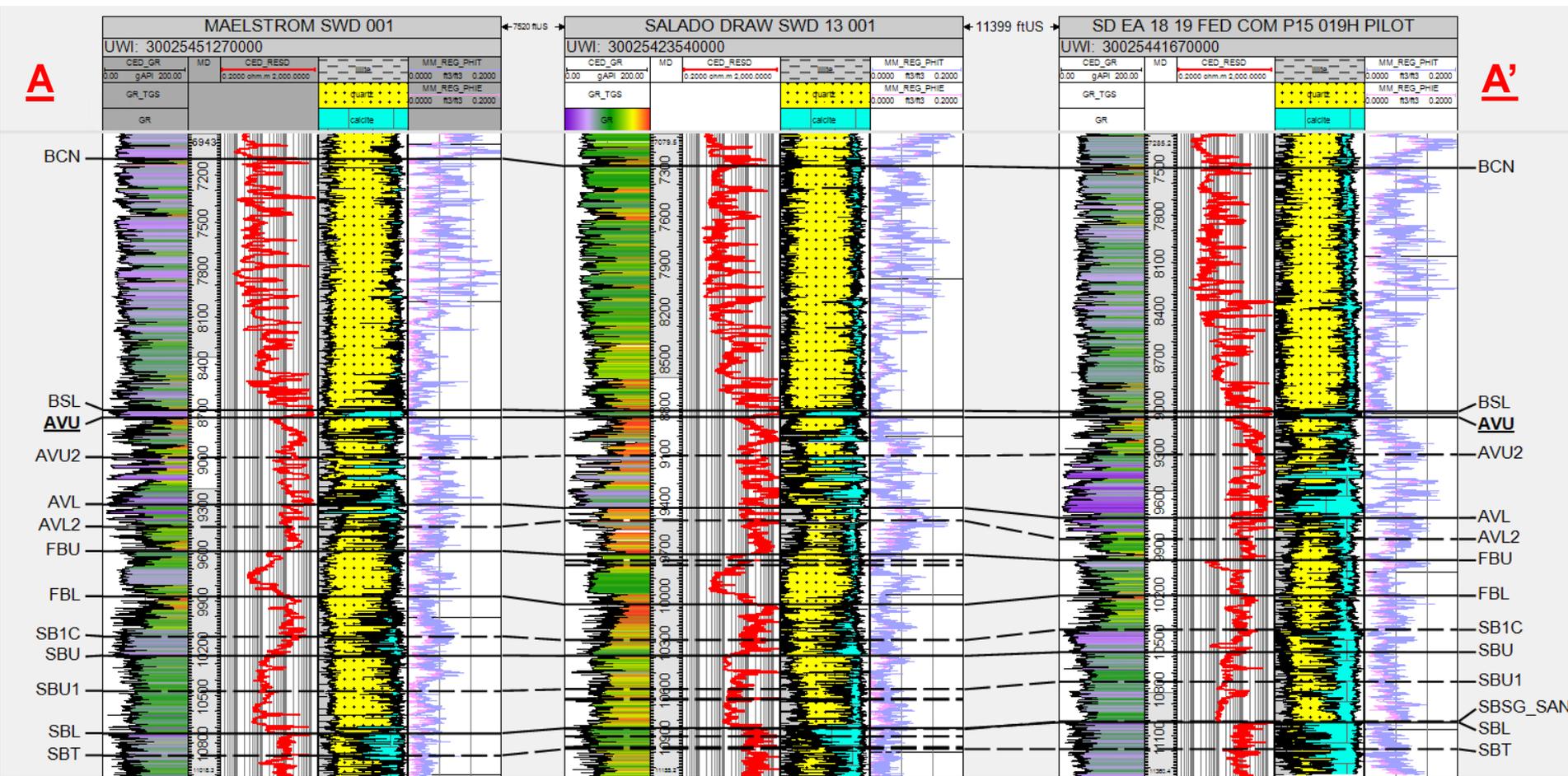
- Approximately 300ft of tight carbonate interbedded with silica rich mudstone



Salado Draw Cross-section Index Map



Salado Draw Cross-section



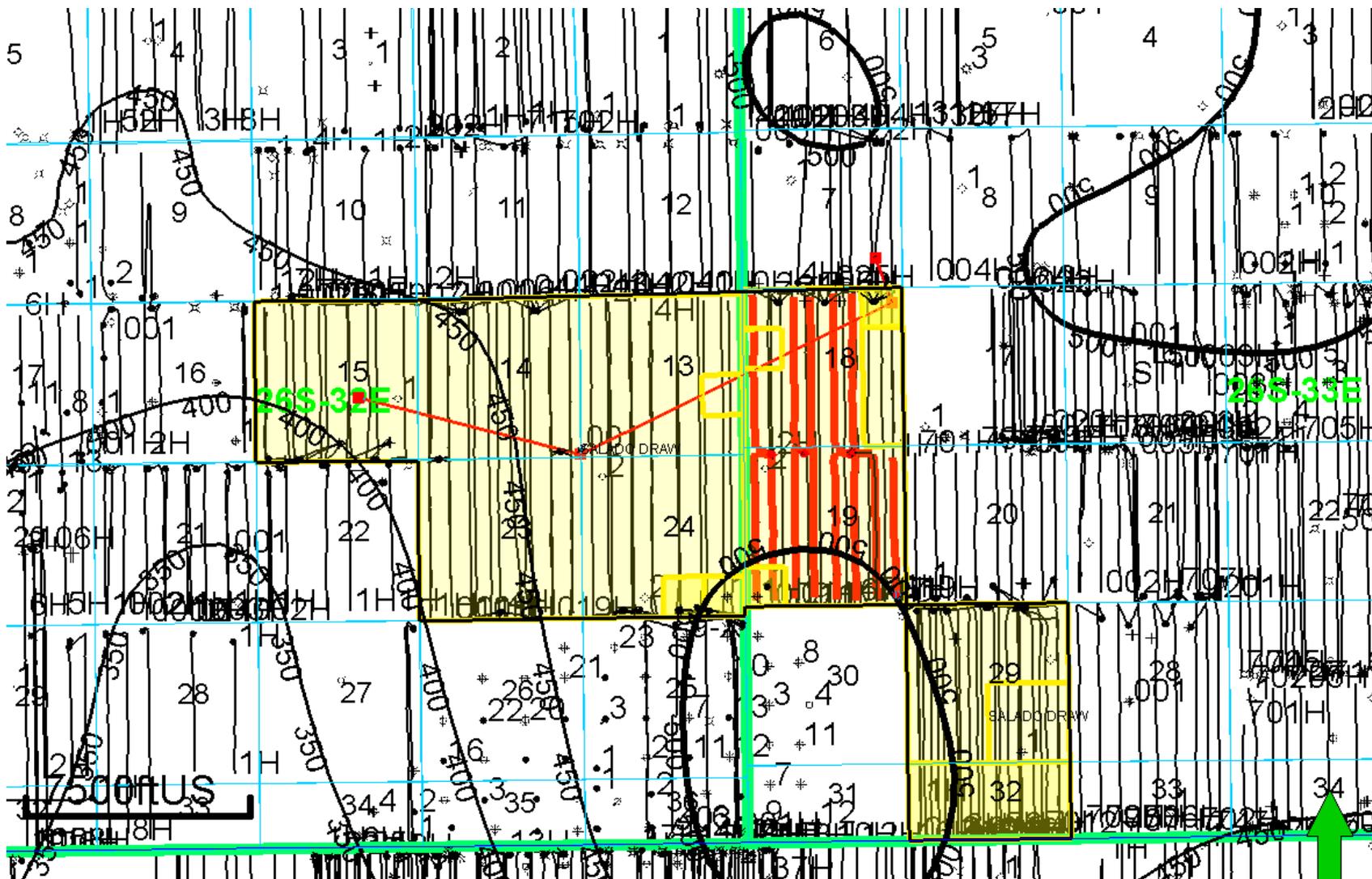
Salado Draw Map: Top of Avalon (SSTVD)

Consistent structural dip to east



Salado Draw Avalon Thickness Map

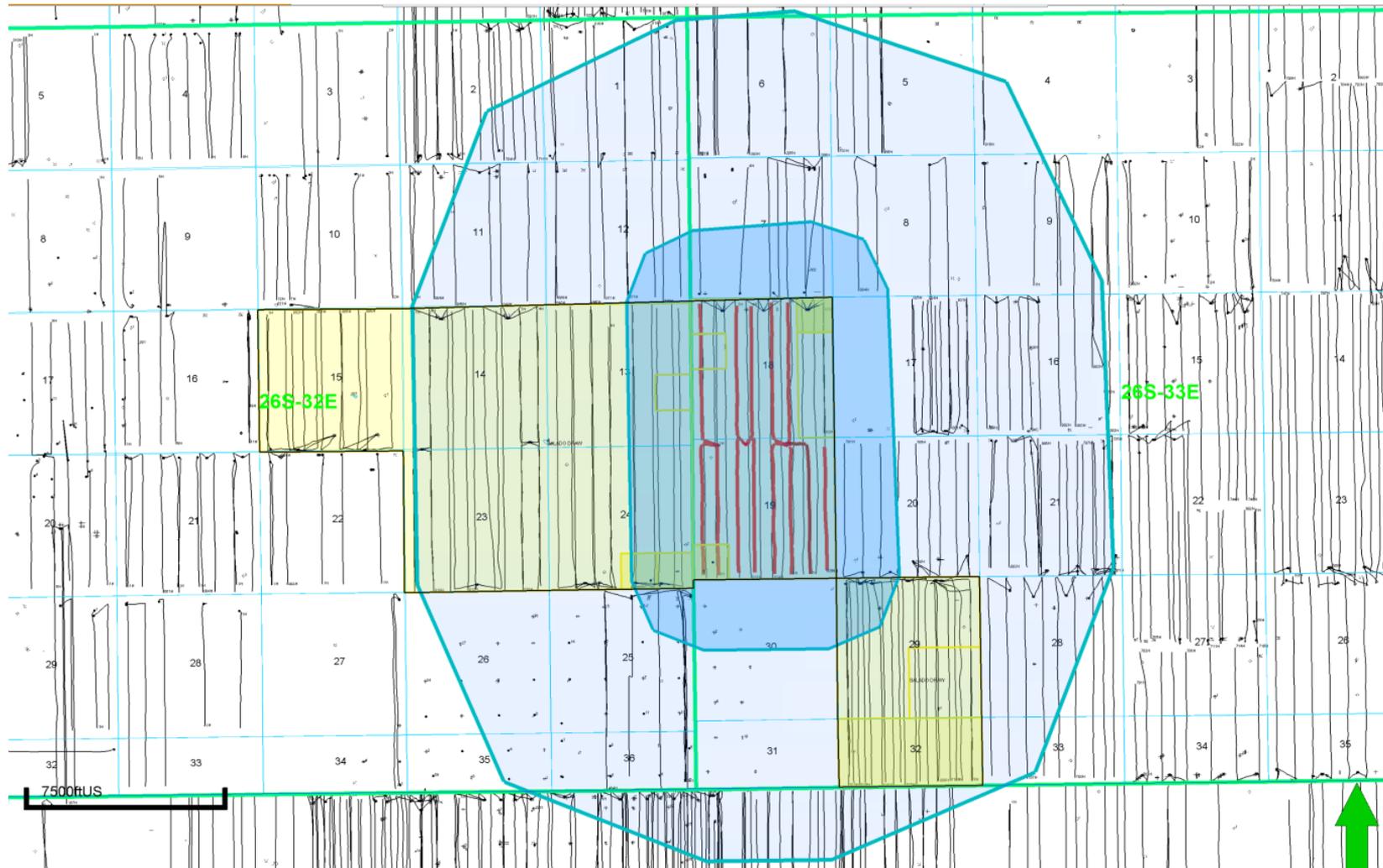
350-500' in thickness



Area of Review



2 Mile Map Salado Draw



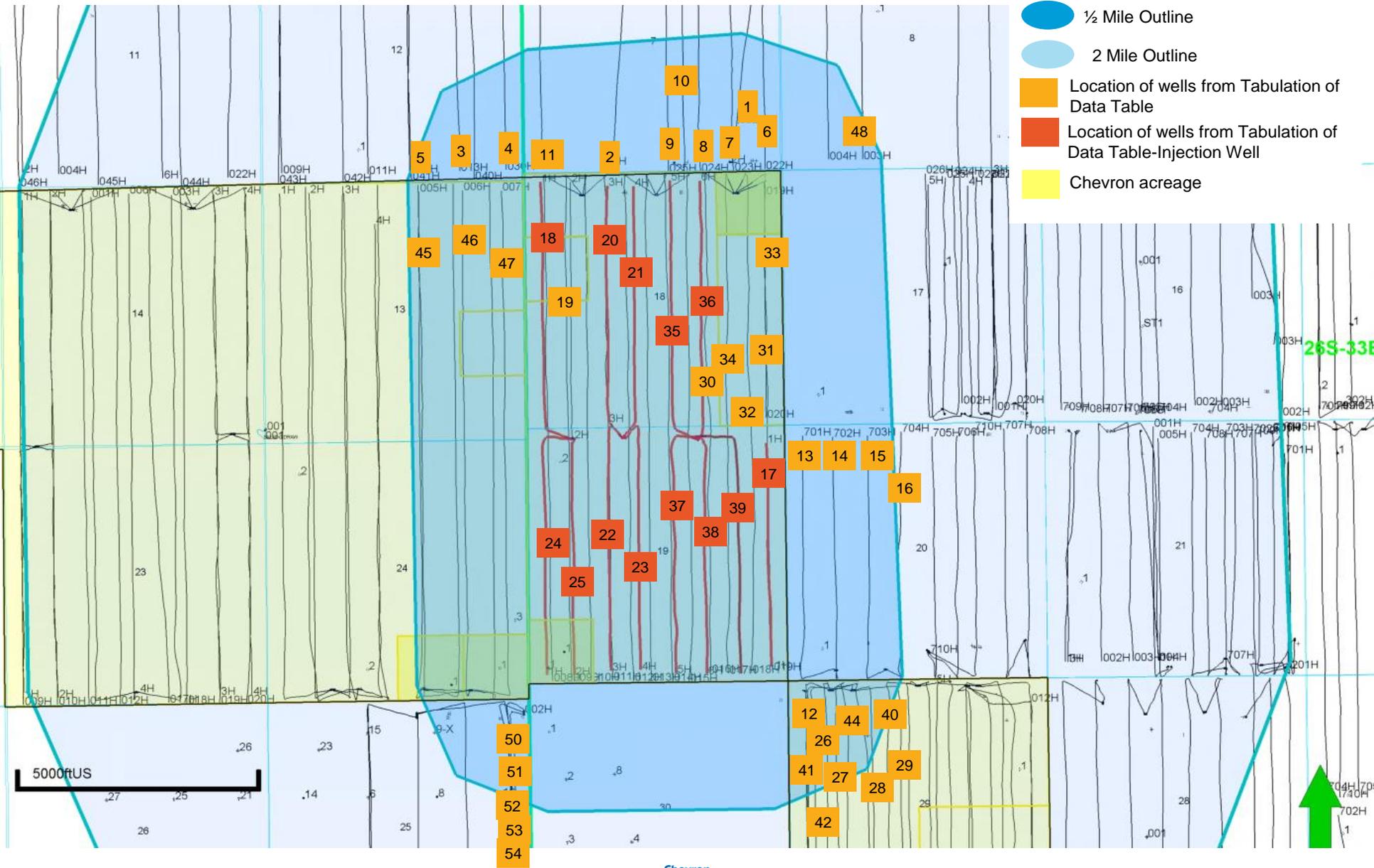
Key

-  Injection Wells Trajectories
-  1/2 Mile Outline
-  2 Mile Outline



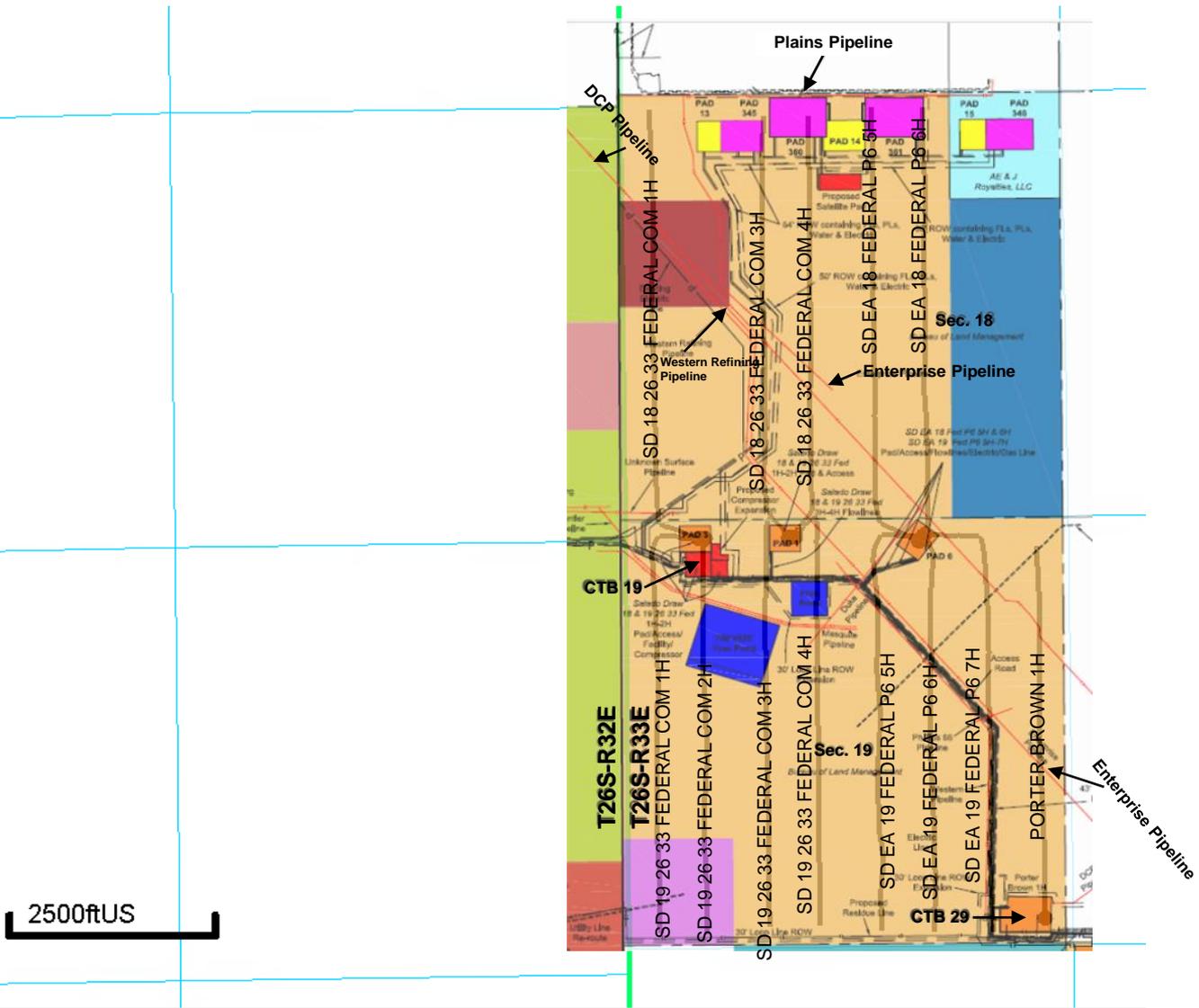
Salado Draw AOR Map

- Key**
-  Injection Wells Trajectories
 -  1/2 Mile Outline
 -  2 Mile Outline
 -  Location of wells from Tabulation of Data Table
 -  Location of wells from Tabulation of Data Table-Injection Well
 -  Chevron acreage



Facilities

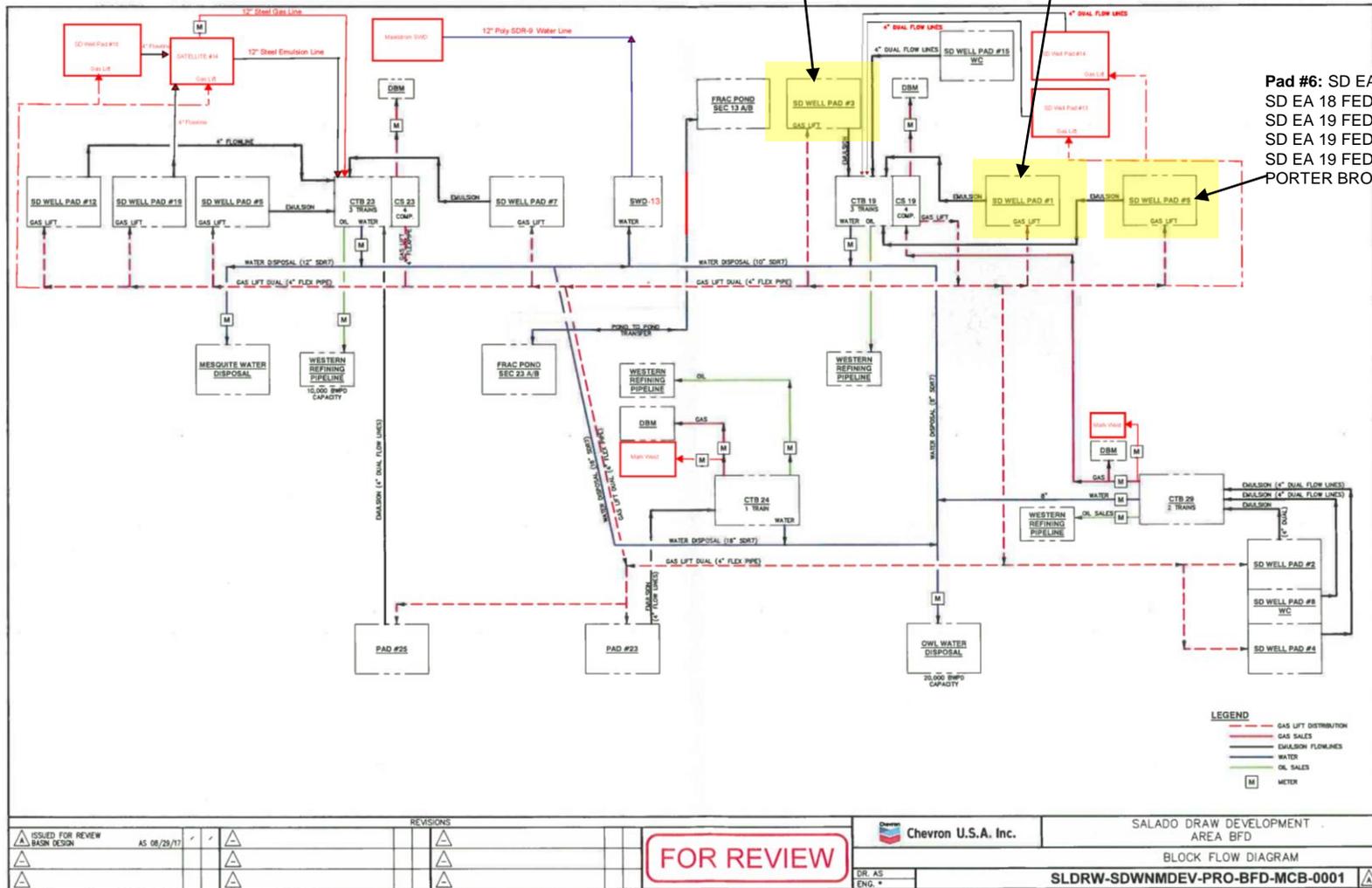




Pad #3: SD 18 26 33 FEDERAL COM 1H;
SD 19 26 33 FEDERAL COM 1H;
SD 19 26 33 FEDERAL COM 2H

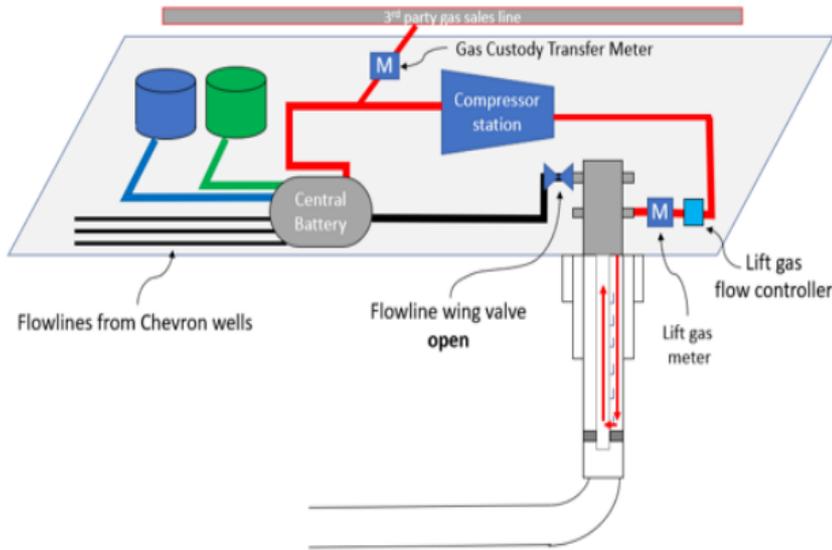
Pad #1: SD 18 26 33 FEDERAL COM 3H;
SD 19 26 33 FEDERAL COM 3H;
SD 18 26 33 FEDERAL COM 4H;
SD 19 26 33 FEDERAL COM 4H;

Pad #6: SD EA 18 FEDERAL P6 5H;
SD EA 18 FEDERAL P6 6H;
SD EA 19 FEDERAL P6 5H;
SD EA 19 FEDERAL P6 6H;
SD EA 19 FEDERAL P6 7H;
PORTER BROWN 1H

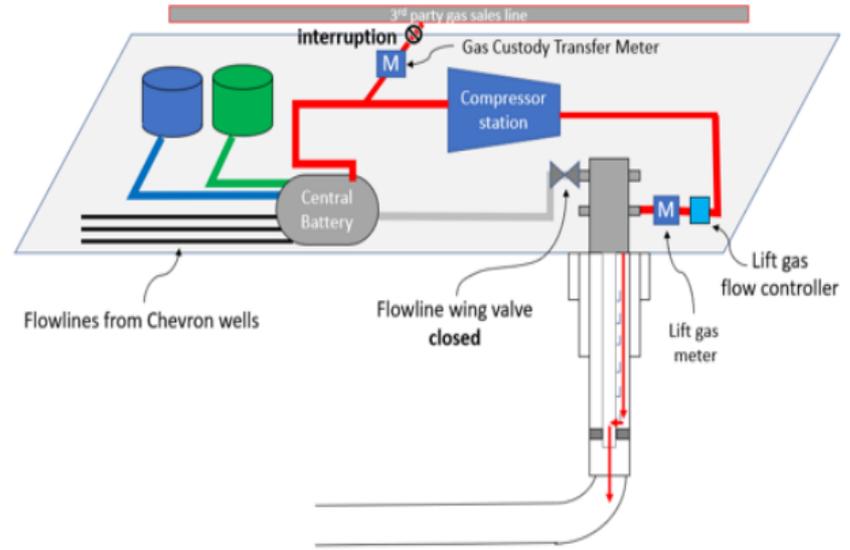


Closed Loop Gas Capture (CLGC) introduction

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.

EXHIBIT 3

Ref.	API Number	Current Operator	Lease Name and Well Number	Well Type	Status	Surface Location	Date Drilled	TD (TVDSS)	Total Depth (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	13,728	[97994] WC-025 G-06 S253329D;UPR LEA BONE SPRIN	LEA	NM	Surf. 17-1/2"	13-3/8"	860	850	-	CIRC	
													Int. 12-1/4"	9-5/8"	4,741	1,350	-	CIRC	
													Prod. 8-3/4"	5-1/2"	13,728	2,500	1,280	UNKNOWN	
2	3002542127	BTA OIL PRODUCERS, LLC	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 BONE SPRIN	LEA	NM	Surf. 17-1/2"	13-3/8"	840	1,700	-	CIRC	
													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, LLC	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 SPRING SHALE	LEA	NM	Surf. 17-1/2"	13-3/8"	898	740	-	CIRC	
													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	CALC	
4	3002543724	BTA OIL PRODUCERS, LLC	MESA 8105 JV P #030H	OIL	ACTIVE	330' FNL & 700' FEL, A-01, T26S, R32E	10/25/2017	6,521	20,030	[97838] JENNINGS;UPPER BONE SPRING SHALE	LEA	NM	Surf. 17-1/2"	13-3/8"	811	710	-	CIRC	
													Int. 12-1/4"	9-5/8"	4,768	1,675	-	CIRC	
													Prod. 8-3/4"	5-1/2"	20,030	3,525	-	CIRC	
5	3002543725	BTA OIL PRODUCERS, LLC	MESA 8105 JV P #031H	OIL	ACTIVE	383' FNL & 1897' FEL, B-01, T26S, R32E	8/20/2017	6,473	20,008	[97838] JENNINGS;UPPER BONE SPRING SHALE	LEA	NM	Surf. 17-1/2"	13-3/8"	838	410	-	CIRC	
													Int. 12-1/4"	9-5/8"	4,769	1,550	-	CIRC	
													Prod. 8-3/4"	5-1/2"	20,008	3,530	3,300	CIRC	
6	3002546407	BTA OIL PRODUCERS, LLC	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 WOLFCAMP	LEA	NM	Surf. 14-3/4"	10-3/4"	909	630	-	CIRC	
													Int. 10-3/4"	7-5/8"	11,935	1,650	-	CIRC	
													Prod. 6-3/4"	5-1/2" x 5"	17,500	1,455	UNKNOWN	UNKNOWN	
7	3002546408	BTA OIL PRODUCERS, LLC	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 WOLFCAMP	LEA	NM	Surf. 14-3/4"	10-3/4"	912	630	UNKNOWN	UNKNOWN	
													Int. 8-3/4"	7-5/8"	12,200	1,635	UNKNOWN	UNKNOWN	
													Prod. 6-3/4"	5-1/2" x 5"	17,757	1,310	UNKNOWN	UNKNOWN	
8	3002546409	BTA OIL PRODUCERS, LLC	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 WOLFCAMP	LEA	NM	Surf. 14-3/4"	10-3/4"	915	630	UNKNOWN	UNKNOWN	
													Int. 8-3/4"	7-5/8"	12,017	1,645	UNKNOWN	UNKNOWN	
													Prod. 6-3/4"	5-1/2" x 5"	17,567	1,370	UNKNOWN	UNKNOWN	
9	3002546410	BTA OIL PRODUCERS, LLC	MESA B 8115 FEDERAL COM #025H	OIL	ACTIVE	490' FNL & 600' FEL, A-07, T26S, R33E	3/3/2020	9,512	17,840	[98097] SANDERS TANK;UPPER WOLFCAMP	LEA	NM	Surf. 14-3/4"	10-3/4"	912	630	UNKNOWN	UNKNOWN	
													Int. 8-3/4"	7-5/8"	12,328	1,540	UNKNOWN	UNKNOWN	
													Prod. 6-3/4"	5-1/2" x 5"	17,835	1,350	UNKNOWN	UNKNOWN	
10	3002542126	BTA OIL PRODUCERS, LLC	MESA B 8115 JV-P #003H	OIL	ACTIVE	190' FSL & 2180' FEL, O-07, T26S, R33E	9/8/2016	5,910	14,089	[97994] WC-025 G-06 S253329D;UPR LEA BONE SPRIN	LEA	NM	Surf. 17-1/2"	13-3/8"	792	740	-	CIRC	
													Int. 12-1/4"	9-5/8"	4,780	1,315	-	CIRC	
													Prod. 7-7/8"	5-1/2"	14,089	1,485	2,250	CALC	
11	3002542128	BTA OIL PRODUCERS, LLC	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 (GAS) ; [97994] WC-025 G-06 S253329D;UPR BONE SPRIN	LEA	NM	Surf. 17-1/2"	13-3/8"	815	650	-	CIRC	
													Int. 12-1/4"	9-5/8"	4,721	1,250	-	CIRC	
													Prod. 7-7/8"	5-1/2"	13,757	2,200	550	CALC	
12	3002542168	CHEVRON U S A INC	SALADO DRAW 29 26 33 FEDERAL COM #033H	OIL	Active	200' FNL & 330' FWL, D-29, T26S, R33E	11/14/2014	7,167	16,501	[98307] NEEDMORE TANK;BONE SPRING ; [7280] BRADLEY;BONE SPRING ; [97955] WC-025 G-06 S263319P;BONE SPRING ; [98090] WC-025 G-07 S263329D;LOWER BONE SPR	LEA	NM	Surf. 17-1/2"	13-3/8"	846	965	-	CIRC	
													Int. 12-1/4"	9-5/8"	4,834	1,530	-	CIRC	
													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 SPRING SHALE ; [98097] SANDERS TANK;UPPER WOLFCAMP	LEA	NM	Surf. 14-3/4"	10-3/4"	837	656	-	CIRC	
													Int. 9-7/8"	7-5/8"	11,048	1,590	-	CIRC	
													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 SPRING SHALE ; [98097] SANDERS TANK;UPPER WOLFCAMP	LEA	NM	Surf. 14-3/4"	10-3/4"	929	651	-	CIRC	
													Int. 9-7/8"	7-5/8"	11,065	1,590	-	CIRC	
													Prod. 6-3/4"	5-1/2" X 5"	11,545	765	10,265	EST	
15	3002543663	EOG RESOURCES INC	ORRTANNA 20 FEDERAL #703H	OIL	ACTIVE	221 FSL & 1969 FWL, N-20, T26S, R33E	4/15/2017	9,046	17,137	[98097] SANDERS TANK;UPPER WOLFCAMP	LEA	NM	Surf. 14-3/4"	10-3/4"	1,089	880	-	CIRC	
													Int. 8-3/4"	7-5/8"	11,600	3,111	-	CIRC	
													Prod. 6-3/4"	5-1/2"	17,128	573	10,000	EST	
16	3002543664	EOG RESOURCES INC	ORRTANNA 20 FEDERAL #704H	OIL	ACTIVE	221 FSL & 1999 FWL, N-20, T26S, R33E	4/3/2017	9,043	17,160	[98097] SANDERS TANK;UPPER WOLFCAMP	LEA	NM	Surf. 14-3/4"	10-3/4"	1,032	835	-	CIRC	
													Int. 8-3/4"	7-5/8"	11,603	3,131	-	CIRC	
													Prod. 6-3/4"	5-1/2"	17,150	575	8,850	EST	
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 SPRING	LEA	NM	Surf. 17-1/2"	13-3/8"	825	815	-	CIRC	
													Int. 12-1/4"	9-5/8"	4,804	1,655	-	CIRC	
													Prod. 8-1/2"	5-1/2"	13,461	2,645	4,000	CIRC	
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 SPRING	LEA	NM	Surf. 17-1/2"	13-3/8"	863	1,006	-	CIRC	
													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	CBL	
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 SPRING	LEA	NM	Surf. 17-1/2"	13-3/8"	870	1,006	-	CIRC	
													Int. 12-1/4"	9-5/8"	4,670	1,539	-	CIRC	
													Prod. 8-3/4"	5-1/2"	14,135	1,515	800	CALC	

Ref.	API Number	Current Operator	Lease Name and Well Number	Well Type	Status	Surface Location	Date Drilled	TD (TVDSS)	Total Depth (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	13,890	WC-025 G-06 S263319P; BONE SPRING	LEA	NM	Surf. Int. Prod.	17-1/2" 12-1/4" 8-3/4"	13-3/8" 9-5/8" 5-1/2"	859 4,846 13,879	990 1,550 1,560	- - -	CIRC CIRC 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	13,900	WC-025 G-06 S263319P; BONE SPRING	LEA	NM	Surf. Int. Prod.	17-1/2" 12-1/4" 8-3/4"	13-3/8" 9-5/8" 5-1/2"	876 4,735 13,900	1,020 1,555 1,595	- - -	CIRC CIRC 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	WC-025 G-06 S263319P; BONE SPRING	LEA	NM	Surf. Int. Prod.	17.5" 12.25" 8.75"	13.375" 9.625" 5.5"	863 4,791 14,045	990 1,535 1,624	- - 4,000	CIRC CIRC 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	13,976	WC-025 G-06 S263319P; BONE SPRING	LEA	NM	Surf. Int. Prod.	17-1/2" 12-1/4" 8-3/4"	13-3/8" 9-5/8" 5-1/2"	859 4,710 13,954	1,020 1,540 1,635	- - -	CIRC CIRC CIRC
24	3002542661	CHEVRON U S A INC	SALADO DRAW 19 26 33 FEDERAL COM 1H	OIL	Active	200' FNL & 898' FWL, D-19, T26S, R33E	7/14/2015	5,872	13,830	WC-025 G-06 S263319P; BONE SPRING	LEA	NM	Surf. Int. Prod.	17-1/2" 12-1/4" 8-3/4"	13-3/8" 9-5/8" 5-1/2"	856 4,338 13,830	1,006 1,507 1,678	- - -	CIRC CIRC CALC
25	3002542662	CHEVRON U S A INC	SALADO DRAW 19 26 33 FEDERAL COM #002H	OIL	Active	200' FNL & 948' FWL, D-19, T26S, R33E	8/5/2012	5,913	13,647	[97955] WC-025 G-06 S263319P;BONE SPRING	LEA	NM	Surf. Int. Prod.	17-1/2" 12-1/4" 8-3/4"	13-3/8" 9-5/8" 5-1/2"	863 4,665 13,647	1,006 2,613 1,647	- - 3,830	CIRC CIRC CALC
26	3002542629	CHEVRON U S A INC	SALADO DRAW 29 26 33 FEDERAL COM #001H	OIL	Shut-in	200' FNL & 1283' FWL, D-29, T26S, R33E	11/15/2015	5,968	16,469	[98307] NEEDMORE TANK;BONE SPRING ; [97955] WC-025 G-06 S263319P;BONE SPRING	LEA	NM	Surf. Int. Liner Prod.	17-1/2" 12-1/4" 8-3/4"	13-3/8" 9-5/8" 7-5/8" 5"	860 4,791 9,318 16,452	1,008 1,545 281 907	- - 4,500 4,308	CIRC CIRC CALC CBL
27	3002542637	CHEVRON U S A INC	SALADO DRAW 29 26 33 FEDERAL COM #002H	OIL	Shut-in	200' FNL & 1308' FWL, D-29, T26S, R33E	11/14/2015	5,960	16,535	[98307] NEEDMORE TANK;BONE SPRING ; [97955] WC-025 G-06 S263319P;BONE SPRING	LEA	NM	Surf. Int. Liner Prod.	17-1/2" 12-1/4" 8-3/4"	13-3/8" 9-5/8" 7-5/8" 5"	850 4,800 9,290 16,514	1,006 1,536 282 989	- - - 3,150	CIRC CIRC CIRC CBL
28	3002542638	CHEVRON U S A INC	SALADO DRAW 29 26 33 FEDERAL COM #003H	OIL	Active	200' FNL & 1333' FWL, C-29, T26S, R33E	10/4/2015	6,007	16,489	[98307] NEEDMORE TANK;BONE SPRING ; [97955] WC-025 G-06 S263319P;BONE SPRING	LEA	NM	Surf. Int. Prod.	17-1/2" 12-1/4" 8-3/4"	13-3/8" 9-5/8" 5-1/2"	843 4,755 16,474	1,005 460 2,219	- - 4,270	CIRC CIRC 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	16,619	[98307] NEEDMORE TANK;BONE SPRING ; [97955] WC-025 G-06 S263319P;BONE SPRING	LEA	NM	Surf. Int. Prod.	17-1/2" 12-1/4" 8-3/4"	13-3/8" 9-5/8" 5-1/2"	804 4,842 16,551	1,005 1,518 2,260	- - 3,950	CIRC CIRC CALC
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	22,343	SANDERS TANK; UPPER WOLFCAMP	LEA	NM	Surf. Int. Prod.	17-1/2" 12-1/4" 8-1/2"	13-3/8" 9-5/8" 5-1/2"	846 11,512 22,291	868 2,191 3,779	- - -	CIRC CIRC 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	SANDERS TANK; UPPER WOLFCAMP	LEA	NM	Surf. Int. Liner Prod.	17-1/2" 12-1/4" 8-1/2"	13-3/8" 9-5/8" 7-5/8"	841 11,419 12,250 22,572	900 972 143 2,157	- - 11,087 11,112	CIRC CIRC CIRC CBL
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	SANDERS TANK; UPPER WOLFCAMP	LEA	NM	Surf. Int. Prod.	17-1/2" 12-1/4" 8-3/4"	13-3/8" 9-5/8" 5-1/2"	840 11,373 22,196	900 2,191 6,591	- - 7,460	CIRC CIRC 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	13,952	WC-025 G-06 S263319P; BONE SPRING	LEA	NM	Surf. Int. Prod.	17-1/2" 12-1/4" 8-1/2"	13-3/8" 9-5/8" 5-1/2"	850 8,480 13,952	905 829 1,541	- - 3,155	CIRC CIRC CBL
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	SANDERS TANK; UPPER WOLFCAMP	LEA	NM	Surf. Int. Liner Prod.	17-1/2" 12-1/4" 8-1/2"	13-3/8" 9-5/8" 7-5/8" 5-1/2" x 5"	842 11,405 12,210 22,591	803 2,191 149 1,995	- - 11,075 11,063	CIRC CIRC CIRC 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-025 G-06 S263319P; BONE SPRING	LEA	NM	Surf. Int. Prod.	17-1/2" 12-1/4" 8-3/4"	13-3/8" 9-5/8" 5-1/2"	851 4,721 14,204	1,006 1,527 1,691	- - 4,035	CIRC CIRC CBL
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	14,185	WC-025 G-06 S263319P; BONE SPRING	LEA	NM	Surf. Int. Prod.	17-1/2" 12-1/4" 8-3/4"	13-3/8" 9-5/8" 5-1/2"	847 4,712 14,176	1,006 1,527 1,614	- - 4,315	CIRC CIRC CBL
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	[97955] WC-025 G-06 S263319P;BONE SPRING	LEA	NM	Surf. Int. Prod.	17-1/2" 12-1/4" 8-3/4"	13-3/8" 9-5/8" 5-1/2"	838 4,745 13,915	1,006 1,525 1,614	- - 3,760	CIRC CIRC CALC
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	WC-025 G-06 S263319P; BONE SPRING	LEA	NM	Surf. Int. Prod.	17-1/2" 12-1/4" 8-3/4"	13-3/8" 9-5/8" 5-1/2"	840 4,729 13,730	1,006 1,527 1,635	- - 4,892	CIRC CIRC CBL

Ref.	API Number	Current Operator	Lease Name and Well Number	Well Type	Status	Surface Location	Date Drilled	TD (TVDSS)	Total Depth (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 SPRING	LEA	NM	Surf. Int. Prod.	17-1/2" 12-1/4" 8-3/4"	13-3/8" 9-5/8" 5-1/2"	854 4,702 13,833	1,006 1,470 1,655	- - 4,325	CIRC CIRC 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	19,780	[98308] NEEDMORE TANK;UPPER WOLFCAMP ; [98097] SANDERS TANK;UPPER WOLFCAMP	LEA	NM	Surf. Int. Prod.	17-1/2" 12-1/4" 8-1/2"	13-3/8" 9-5/8" 5-1/2"	873 11,600 19,770	868 2,085 681	- 4,919 4,957	CIRC CIRC 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	19,790	[98308] NEEDMORE TANK;UPPER WOLFCAMP ; [98097] SANDERS TANK;UPPER WOLFCAMP	LEA	NM	Surf. Int. Prod.	17-1/2" 12-1/4" 8-1/2"	13-3/8" 9-5/8" 5-1/2"	837 11,593 19,780	868 3,960 2,812	- 4,833 5,531	CIRC CALC CALC
42	3002544334	CHEVRON U S A INC	SD EA 29 32 FEDERAL COM P11 #014H	OIL	Active	195' FNL & 853' FWL, D-29, T26S, R33E	5/27/2018	9,523	20,165	[98308] NEEDMORE TANK;UPPER WOLFCAMP ; [98097] SANDERS TANK;UPPER WOLFCAMP	LEA	NM	Surf. Int. Prod.	17-1/2" 12-1/4" 8-1/2"	13-3/8" 9-5/8" 5-1/2"	864 11,590 20,156	868 8,449 2,897	33 4,838 5,655	CIRC CALC CALC
43	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	19,730	[98308] NEEDMORE TANK;UPPER WOLFCAMP ; [98097] SANDERS TANK;UPPER WOLFCAMP	LEA	NM	Surf. Int. Prod.	17-1/2" 12-1/4" 8-1/2"	13-3/8" 9-5/8" 5-1/2"	807 11,589 19,720	868 4,118 5,216	- 750 -	CIRC CBL 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	20,292	[98308] NEEDMORE TANK;UPPER WOLFCAMP ; [98097] SANDERS TANK;UPPER WOLFCAMP	LEA	NM	Surf. Int. Prod.	17-1/2" 12-1/4" 8-1/2"	13-3/8" 9-5/8" 5-1/2"	841 11,633 20,282	868 4,034 5,342	- - 500	CIRC CALC 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	19,338	WC-025 G-06 S263319P; BONE SPRING	LEA	NM	Surf. Int. Prod.	17-1/2" 12-1/4" 8-3/4"	13-3/8" 9-5/8" 5-1/2"	712 4,545 19,328	844 1,487 2,727	- - -	CIRC CIRC 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 SPRING	LEA	NM	Surf. Int. Prod.	17-1/2" 12-1/4" 8-3/4"	13-3/8" 9-5/8" 5-1/2"	706 4,495 19,278	844 1,487 2,727	- - -	CIRC CIRC 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 SPRING	LEA	NM	Surf. Int. Prod.	17-1/2" 12-1/4" 8-3/4"	13-3/8" 9-5/8" 5-1/2"	662 4,536 19,363	844 1,487 2,612	- - -	CIRC CIRC 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 WOLFCAMP	LEA	NM	Surf. Int. Prod.	14-3/4" 9-7/8" 6-3/4"	10-3/4" 7-5/8" 5-1/2" x 5"	955 11,596 17,624	1,000 1,550 3,250	- 3,720 -	CIRC TEMP 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. Int. Prod.	17-1/2" 12-1/4" 8-3/4"	13-3/8" 9-5/8" 5-1/2"	936 4,922 15,056	750 1,600 2,300	- - -	CIRC CIRC CIRC
50	3002542027	CONOCOPHILLIPS COMPA	WAR HAMMER 25 FEDERAL COM W1 #003H	OIL	ACTIVE	316' FNL & 125' FEL, A-25, T26S, R32E	3/8/2015	9,084	12,382	[98081] ZIA HILLS;WOLFCAMP	LEA	NM	Surf. Int. Prod.	17-1/2" 13-5/8" 8-3/4"	13-3/8" 9-5/8" 7-5/8"	794 4,778 12,382	708 1,322 995	- 40 2,750	CIRC CBL CALC
51	3002542028	CONOCOPHILLIPS COMPA	WAR HAMMER 25 FEDERAL COM W2 #002H	OIL	ACTIVE	283' FNL & 125' FEL, A-25, T26S, R32E	3/8/2015	9,532	19,670	[98081] ZIA HILLS;WOLFCAMP	LEA	NM	Surf. Int. Int. Prod.	17-1/2" 12-1/4" 8-3/4" 6-3/4"	13-3/8" 9-5/8" 7-5/8" 5"	798 4,778 12,198 19,651	708 1,285 526 1,124	- - 518 5,356	CIRC CIRC EST EST
52	3002542029	CONOCOPHILLIPS COMPA	WAR HAMMER 25 FEDERAL COM W3 #001H	OIL	ACTIVE	250' FNL & 125' FEL, A-25, T26S, R32E	3/11/2015	9,983	20,027	[98081] ZIA HILLS;WOLFCAMP	LEA	NM	Surf. Int. Int. Prod.	17-1/2" 12-1/4" 8-3/4" 6-3/4"	13-3/8" 10-3/4" 7-5/8" 5"	765 4,591 12,207 20,007	705 759 435 1,143	- - 4,050 11,600	CIRC CIRC EST EST
53	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 ; [98081] ZIA HILLS;WOLFCAMP	LEA	NM	Surf. Int. Prod.	14-3/4" 10-5/8" 7-7/8"	11-3/4" 8-5/8" 5-1/2"	918 4,879 17,261	431 825 1,982	- - 188	CIRC CIRC CALC
54	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 ; [98065] WC-025 G-08 S263205N;UPPER WOLFCAMP;	LEA	NM	Surf. Int. Prod.	14-3/4" 10-5/8" 7-7/8"	11-3/4" 8-5/8" 5-1/2"	918 4,879 17,261	431 624 1,982	- - 188	CIRC CIRC CIRC

EXHIBIT 4

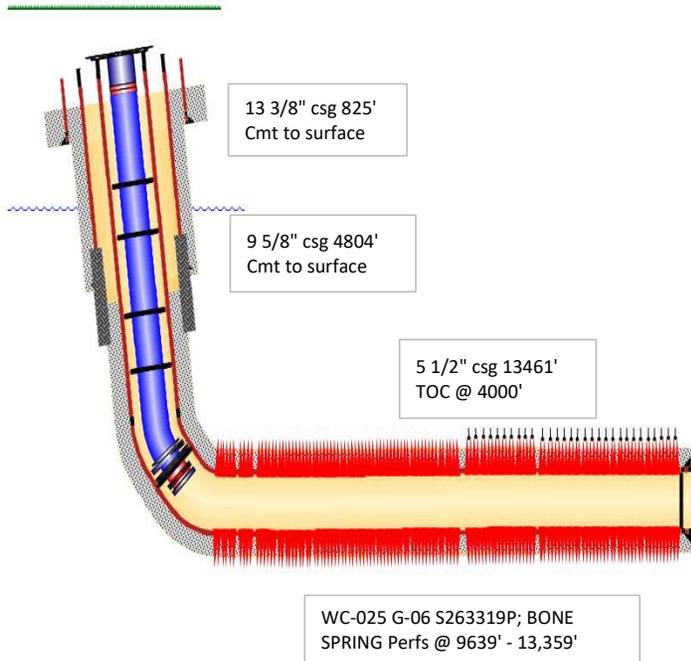
SLIDE 1 PORTER BROWN 1H

Operator: CHEVRON U S A INC

Well Name PORTER BROWN 001H	Lease Porter Brown	Field Name Bone Spring	Business Unit Mid-Continent
PORTER BROWN 001H			
Area Central Permian	Surface UWI 3002540802	Well Type Oil Producer	
Latitude (°) 32° 1' 21.136" N	Longitude (°) 103° 36' 12.525" W		
North/South Distance (ft) 340.0	North/South Reference FSL	East/West Distance (ft) 240.0	East/West Reference FEL
Township 26	Range 33	Section 19	

Wellbore Schematic

PORTER BROWN 1H



*Note - Diagram not to scale

Well Construction Data

Surface Casing

Hole Size:	17-1/2"	Casing Size:	13 3/8"
Cemented with:	815 sx.	Method	Determined: CIRC
Top of Cement:	SURF		

Intermediate Casing

Hole Size:	12-1/4"	Casing Size:	9 5/8"
Cemented with:	1,655 sx.	Method	Determined: CIRC
Top of Cement:	SURF		

Production Casing

Hole Size:	8-1/2"	Casing Size:	5 1/2"
Cemented with:	2,645 sx.	Method	Determined: CIRC
Top of Cement:	4,000		

Injection Interval

9,639 MD to 13,359 MD feet perforated

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 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

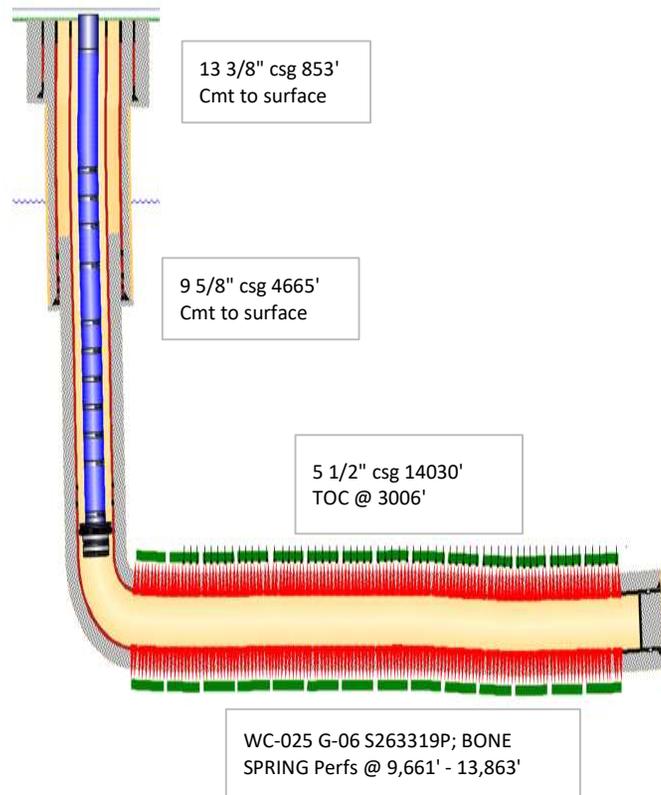
SLIDE 1 SALADO DRAW 18 26 33 FEDERAL 1H

Operator: CHEVRON U S A INC

Well Name SALADO DRAW 18-26-33 FED 001H	Lease Salado Draw 18-26-33 Fed	Field Name Wildcat	Business Unit Mid-Continent
SALADO DRAW 18-26-33 FED 001H			
Area Delaware Basin	Surface UWI 3002542659	Well Type Oil Producer	
Latitude (°) 32° 2' 8.117" N	Longitude (°) 103° 36' 59.512" W		
North/South Distance (ft) 200.0	North/South Reference FNL	East/West Distance (ft) 873.0	East/West Reference FWL
Township 26	Range 33	Section 19	

Wellbore Schematic

SALADO DRAW 18 26 33 FEDERAL 1H



*Note - Diagram not to scale

Well Construction Data

Surface Casing

Hole Size:	<u>17 1/2"</u>	Casing Size:	<u>13 3/8"</u>
Cemented with:	<u>1,006</u> sx.	Method	<u>CIRC</u>
Top of Cement:	<u>SURF</u>	Determined:	<u>CIRC</u>

Intermediate Casing

Hole Size:	<u>12 1/2"</u>	Casing Size:	<u>9 5/8"</u>
Cemented with:	<u>1,588</u> sx.	Method	<u>CIRC</u>
Top of Cement:	<u>SURF</u>	Determined:	<u>CIRC</u>

Production Casing

Hole Size:	<u>17 1/2"</u>	Casing Size:	<u>5 1/2"</u>
Cemented with:	<u>1,681</u> sx.	Method	<u>CBL</u>
Top of Cement:	<u>3006'</u>	Determined:	<u>CBL</u>

Injection Interval

9,661 MD to 13,863 MD feet perforated

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 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 18 26 33 FEDERAL 3H

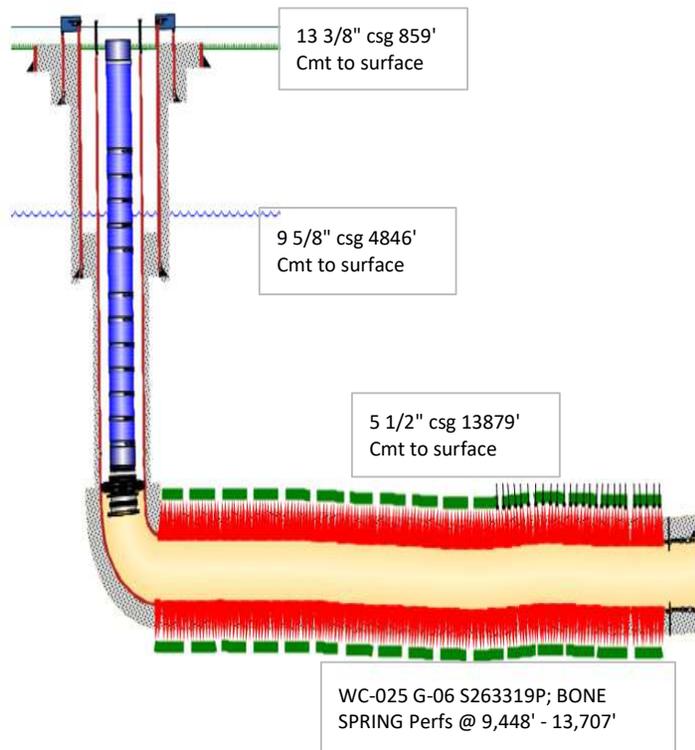
Operator: CHEVRON U S A INC

Well Name SALADO DRAW 18-26-33 FED 003H	Lease Salado Draw 18-26-33 Fed	Field Name WILDCAT (HOBBES)	Business Unit Mid-Continent
SALADO DRAW 18-26-33 FED 003H			
Area Delaware Basin	Surface UWI 3002542278	Well Type Oil Producer	
Latitude (°) 32° 2' 8.124" N	Longitude (°) 103° 36' 47.081" W		
North/South Distance (ft) 200.0	North/South Reference FNL	East/West Distance (ft) 1,943.0	East/West Reference FWL
Township 26	Range 33	Section 19	

Wellbore Schematic

Well Construction Data

SALADO DRAW 18 26 33 FEDERAL 3H



Surface Casing

Hole Size:	<u>17 1/2"</u>	Casing Size:	<u>13 3/8"</u>
Cemented with:	<u>990</u> sx.	Method	<u>CIRC</u>
Top of Cement:	<u>SURF</u>	Determined:	<u>CIRC</u>

Intermediate Casing

Hole Size:	<u>12 1/4"</u>	Casing Size:	<u>9 5/8"</u>
Cemented with:	<u>1,550</u> sx.	Method	<u>CIRC</u>
Top of Cement:	<u>SURF</u>	Determined:	<u>CIRC</u>

Production Casing

Hole Size:	<u>8 3/4"</u>	Casing Size:	<u>5 1/2"</u>
Cemented with:	<u>1,560</u> sx.	Method	<u>CIRC</u>
Top of Cement:	<u>SURF</u>	Determined:	<u>CIRC</u>

Injection Interval

9,448 MD to 13,707 MD feet perforated

*Note - Diagram not to scale

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 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

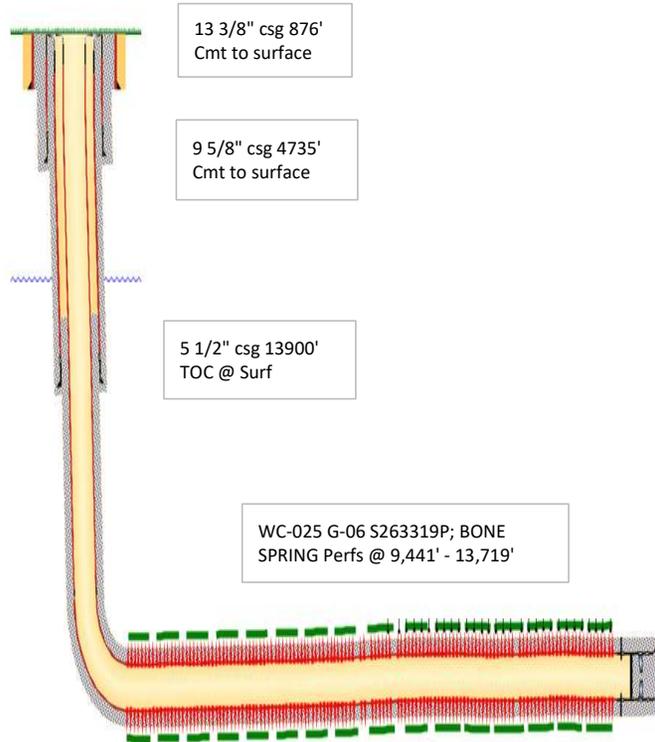
SLIDE 1 SALADO DRAW 18 26 33 FEDERAL 4H

Operator: CHEVRON U S A INC

Well Name SALADO DRAW 18-26-33 FED 004H	Lease Salado Draw 18-26-33 Fed	Field Name WILDCAT (HOBBS)	Business Unit Mid-Continent
SALADO DRAW 18-26-33 FED 004H			
Area Delaware Basin	Surface UWI 3002542279	Well Type Oil Producer	
Latitude (°) 32° 2' 8.124" N	Longitude (°) 103° 36' 46.512" W		
North/South Distance (ft) 200.0	North/South Reference FNL	East/West Distance (ft) 1,993.0	East/West Reference FWL
Township 26.0	Range 33.0	Section 19.0	

Wellbore Schematic

SALADO DRAW 18 26 33 FEDERAL 4H



Well Construction Data

Surface Casing

Hole Size: 17 1/2" Casing Size: 13 3/8"
 Cemented with: 1,020 sx. Method: CIRC
 Top of Cement: SURF Determined: CIRC

Intermediate Casing

Hole Size: 12 1/4" Casing Size: 9 5/8"
 Cemented with: 1,555 sx. Method: CIRC
 Top of Cement: SURF Determined: CIRC

Production Casing

Hole Size: 8 3/4" Casing Size: 5 1/2"
 Cemented with: 1,595 sx. Method: CIRC
 Top of Cement: SURF Determined: CIRC

Injection Interval

9,441 MD to 13,719 MD feet perforated

*Note - Diagram not to scale

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 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

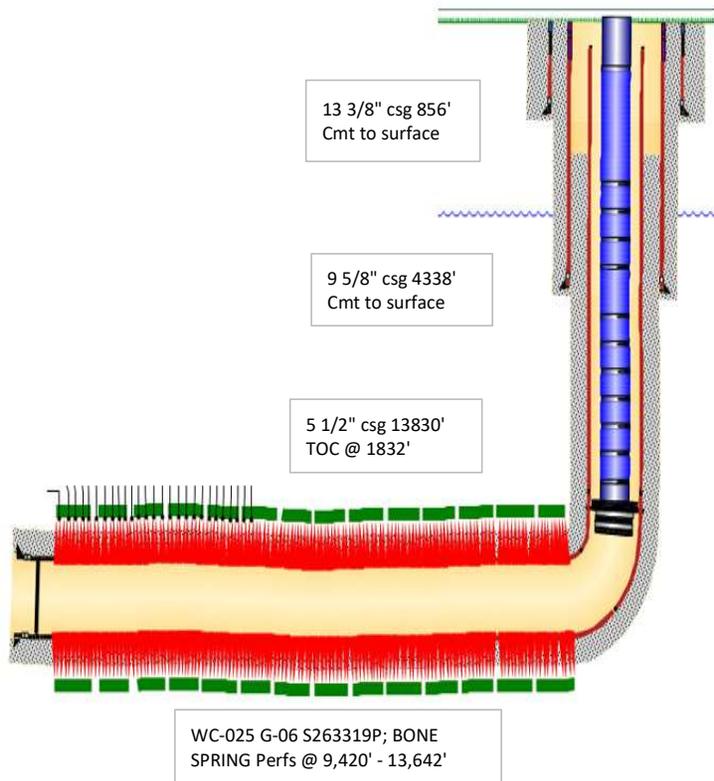
SLIDE 1 SALADO DRAW 19 26 33 FED COM 1H

Operator: CHEVRON U S A INC

Well Name SALADO DRAW 19-26-33 FED 001H	Lease Salado Draw 19-26-33 Fed	Field Name Wildcat	Business Unit Mid-Continent
SALADO DRAW 19-26-33 FED 001H			
Area Delaware Basin	Surface UWI 3002542661	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 FNL	East/West Distance (ft) 898.0	East/West Reference FWL
Township 26	Range 33	Section 19	

Wellbore Schematic

SALADO DRAW 19 26 33 FED COM 1H



Well Construction Data

Surface Casing

Hole Size:	17 1/2"	Casing Size:	13 3/8"
Cemented with:	1,006 sx.	Method	
Top of Cement:	SURF	Determined:	CIRC

Intermediate Casing

Hole Size:	12 1/4"	Casing Size:	9 5/8"
Cemented with:	1,507 sx.	Method	
Top of Cement:	SURF	Determined:	CIRC

Production Casing

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

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 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

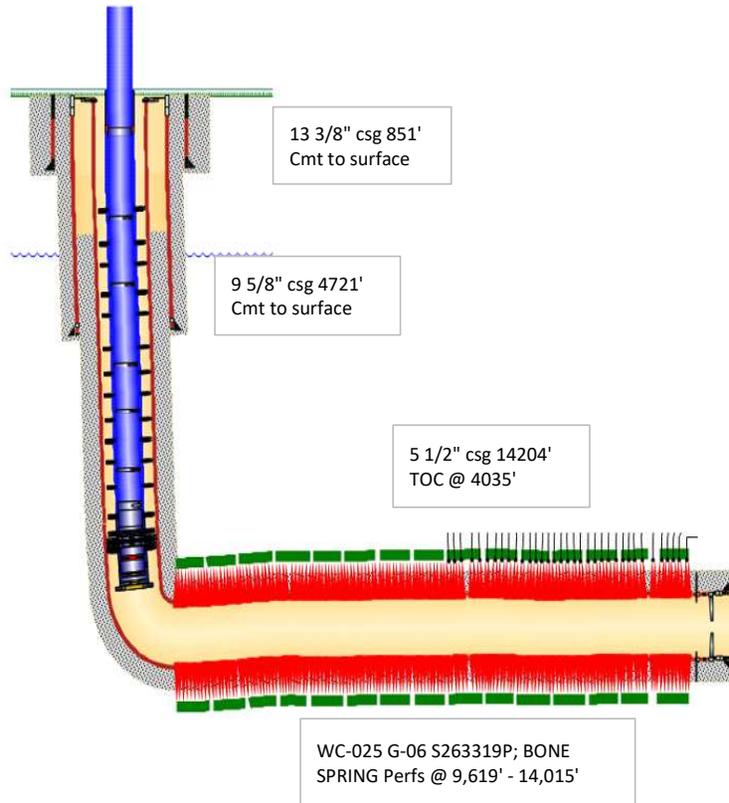
SLIDE 1 SD EA 18 FEDERAL P6 5H

Operator: CHEVRON U S A INC

Well Name SALADO DRAW EA 18 FED P6 005H	Lease Salado Draw EA 18 Fed P6	Field Name WILDCAT (HOBBS)	Business Unit Mid-Continent
SALADO DRAW EA 18 FED P6 005H			
Area Delaware Basin	Surface UWI 3002542795	Well Type Oil Producer	
Latitude (°) 32° 2' 7.48" N	Longitude (°) 103° 36' 29.138" W		
North/South Distance (ft) 266.0	North/South Reference FNL	East/West Distance (ft) 1,778.0	East/West Reference FEL
Township 26	Range 33	Section 19	

Wellbore Schematic

SD EA 18 FEDERAL P6 5H



*Note - Diagram not to scale

Well Construction 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		

Intermediate Casing

Hole Size:	12 1/4"	Casing Size:	9 5/8"
Cemented with:	1,527 sx.	Method	Determined: CIRC
Top of Cement:	SURF		

Production Casing

Hole Size:	8 3/4"	Casing Size:	5 1/2"
Cemented with:	1,691 sx.	Method	Determined: CBL
Top of Cement:	4035		

Injection Interval

9,619 MD to 14,015 MD feet perforated

SLIDE 2 SD EA 18 FEDERAL P6 5H

Tubing Size: 2 7/8"

Lining Material: UNLINED

Type of Packer: BAKER HORNET 2 3/8"

Packer 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 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 SD EA 18 FEDERAL P6 6H

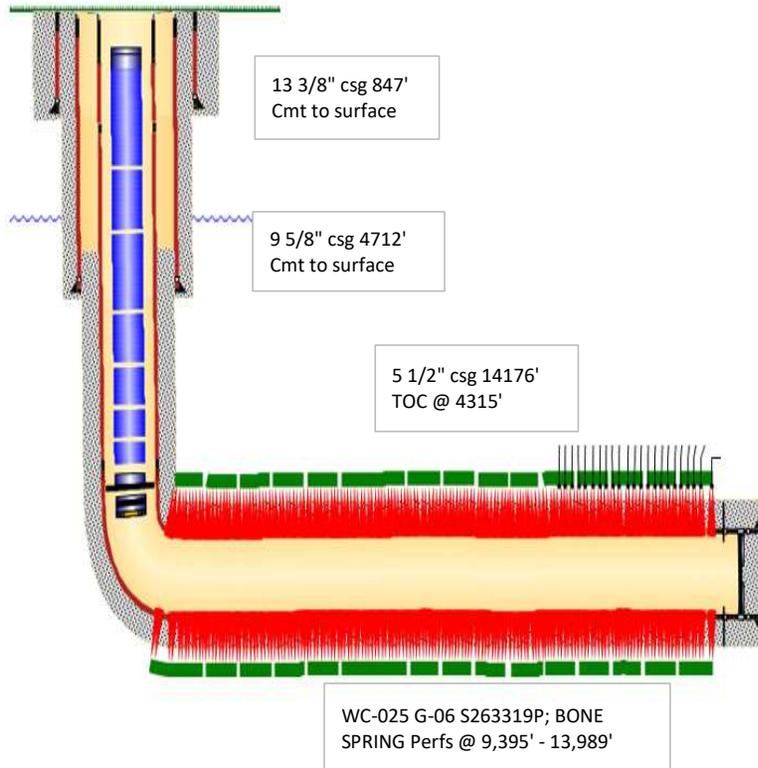
Operator: CHEVRON U S A INC

Well Name SALADO DRAW EA 18 FED P6 006H	Lease Salado Draw EA 18 Fed P6	Field Name WILDCAT (HOBBS)	Business Unit Mid-Continent
SALADO DRAW EA 18 FED P6 006H			
Area Delaware Basin	Surface UWI 3002542796	Well Type Oil Producer	
Latitude (°) 32° 2' 7.674" N	Longitude (°) 103° 36' 28.958" W		
North/South Distance (ft) 247.0	North/South Reference FNL	East/West Distance (ft) 1,763.0	East/West Reference FEL
Township 26	Range 33	Section 19	

Wellbore Schematic

SD EA 18 FEDERAL P6 6H

Well Construction Data



Surface Casing

Hole Size:	<u>17 1/2"</u>	Casing Size:	<u>13 3/8"</u>
Cemented with:	<u>1,006</u> sx.	Method	<u>CIRC</u>
Top of Cement:	<u>SURF</u>	Determined:	<u>CIRC</u>

Intermediate Casing

Hole Size:	<u>12 1/4"</u>	Casing Size:	<u>9 5/8"</u>
Cemented with:	<u>1,527</u> sx.	Method	<u>CIRC</u>
Top of Cement:	<u>SURF</u>	Determined:	<u>CIRC</u>

Production Casing

Hole Size:	<u>8 3/4"</u>	Casing Size:	<u>5 1/2"</u>
Cemented with:	<u>1,614</u> sx.	Method	<u>CBL</u>
Top of Cement:	<u>4315</u>	Determined:	<u>CBL</u>

Injection Interval

9,395 MD to 13,989 MD feet perforated

*Note - Diagram not to scale

SLIDE 2 SD EA 18 FEDERAL P6 6H

Tubing Size: 2 7/8"

Lining Material: UNLINED

Type of Packer: BAKER HORNET 4 1/2" x 3.347"

Packer Setting Depth: 8698' MD / 8696' 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

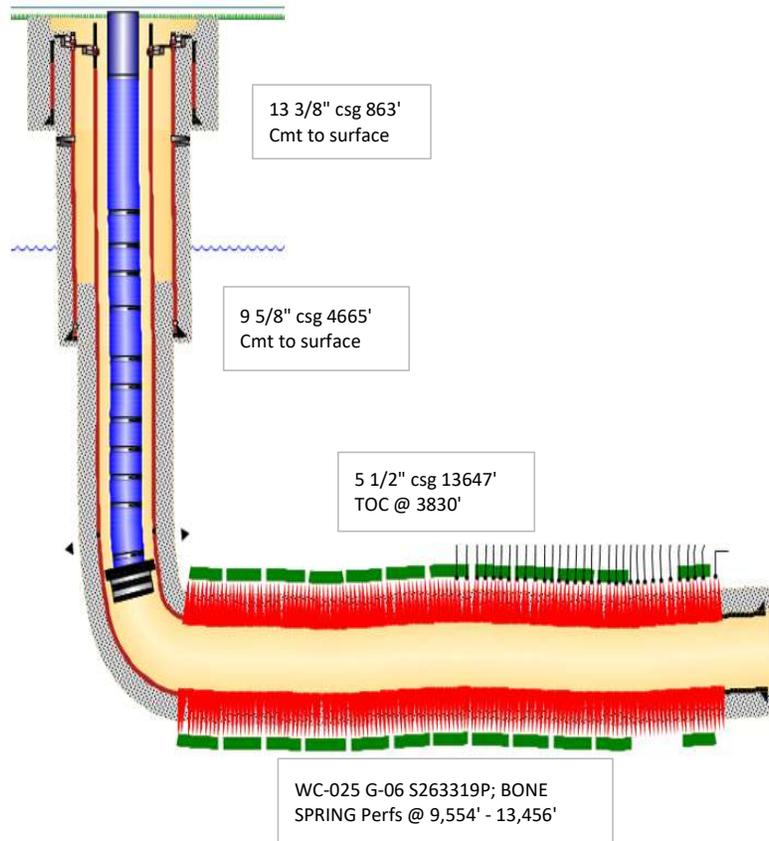
SLIDE 1 SALADO DRAW 19 26 33 FED COM 2H

Operator: CHEVRON U S A INC

Well Name SALADO DRAW 19-26-33 FED 002H	Lease Salado Draw 19-26-33 Fed	Field Name Wildcat	Business Unit Mid-Continent
SALADO DRAW 19-26-33 FED 002H			
Area Delaware Basin	Surface UWI 3002542662	Well Type Oil Producer	
Latitude (°) 32° 2' 8.117" N	Longitude (°) 103° 36' 58.64" W		
North/South Distance (ft) 200.0	North/South Reference FNL	East/West Distance (ft) 948.0	East/West Reference FWL
Township 26	Range 33	Section 19	

Wellbore Schematic

SALADO DRAW 19 26 33 FED COM 2H



*Note - Diagram not to scale

Well Construction 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		

Intermediate Casing

Hole Size:	12 1/4"	Casing Size:	9 5/8"
Cemented with:	2,613 sx.	Method	Determined: CIRC
Top of Cement:	SURF		

Production Casing

Hole Size:	8 3/4"	Casing Size:	5 1/2"
Cemented with:	1,647 sx.	Method	Determined: CALC
Top of Cement:	3830		

Injection Interval

9,554 MD to 13,456 MD feet perforated

SLIDE 2 SALADO DRAW 19 26 33 FED COM 2H

Tubing Size: 2 7/8"

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

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

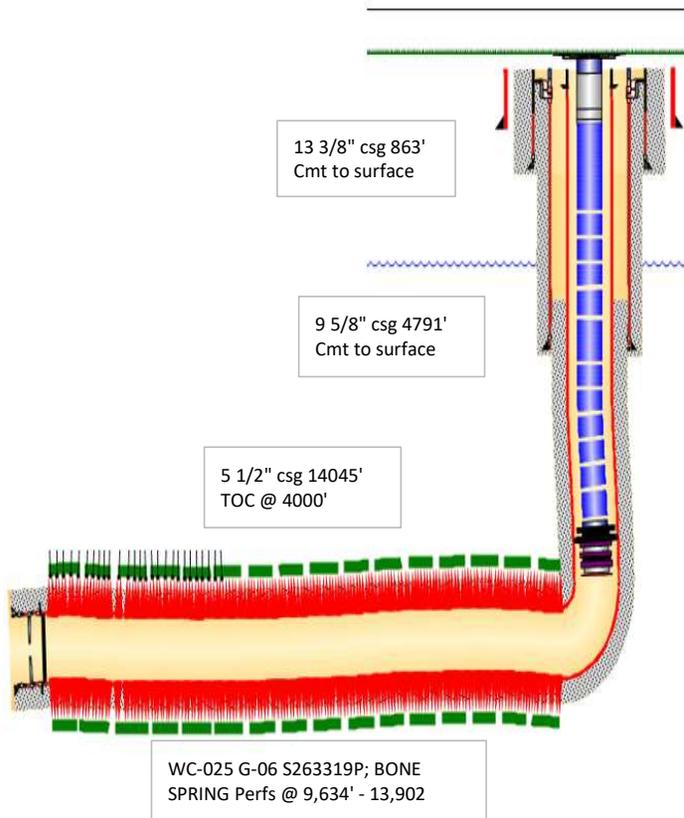
SLIDE 1 SALADO DRAW 19 26 33 FEDERAL 3H

Operator: CHEVRON U S A INC

Well Name SALADO DRAW 19-26-33 FED 003H	Lease Salado Draw 19-26-33 Fed	Field Name WILDCAT (HOBBS)	Business Unit Mid-Continent
SALADO DRAW 19-26-33 FED 003H			
Area Delaware Basin	Surface UWI 3002542280	Well Type Oil Producer	
Latitude (°) 32° 2' 8.124" N	Longitude (°) 103° 36' 46.8" W		
North/South Distance (ft) 200.0	North/South Reference FNL	East/West Distance (ft) 1,968.0	East/West Reference FWL
Township 26.0	Range 33.0	Section 19.0	

Wellbore Schematic

SALADO DRAW 19 26 33 FEDERAL 3H



Well Construction Data

Surface Casing

Hole Size:	<u>17 1/2"</u>	Casing Size:	<u>13 3/8"</u>
Cemented with:	<u>990</u> sx.	Method	<u>Determined:</u>
Top of Cement:	<u>SURF</u>	Determined:	<u>CIRC</u>

Intermediate Casing

Hole Size:	<u>12 1/4"</u>	Casing Size:	<u>9 5/8"</u>
Cemented with:	<u>1,535</u> sx.	Method	<u>Determined:</u>
Top of Cement:	<u>SURF</u>	Determined:	<u>CIRC</u>

Production Casing

Hole Size:	<u>8 3/4"</u>	Casing Size:	<u>5 1/2"</u>
Cemented with:	<u>1,624</u> sx.	Method	<u>Determined:</u>
Top of Cement:	<u>4000</u>	Determined:	<u>CALC</u>

Injection Interval

9,634 MD to 13,902 MD feet perforated

*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 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

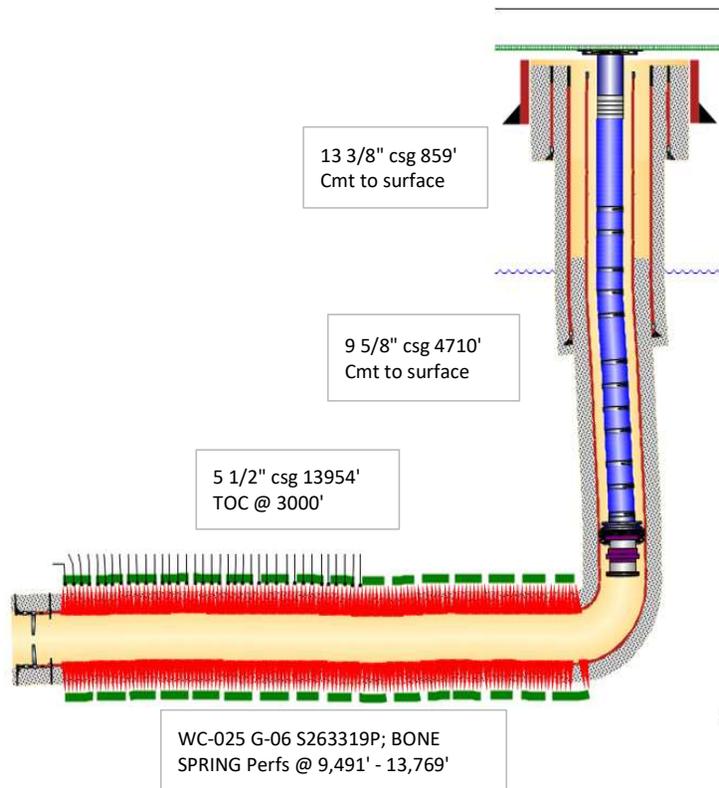
SLIDE 1 SALADO DRAW 19 26 33 FEDERAL 4H

Operator: CHEVRON U S A INC

Well Name SALADO DRAW 19-26-33 FED 004H	Lease Salado Draw 19-26-33 Fed	Field Name WILDCAT (HOBBS)	Business Unit Mid-Continent
SALADO DRAW 19-26-33 FED 004H			
Area Delaware Basin	Surface UWI 3002542281	Well Type Oil Producer	
Latitude (°) 32° 2' 8.124" N	Longitude (°) 103° 36' 46.188" W		
North/South Distance (ft) 200.0	North/South Reference FNL	East/West Distance (ft) 2,018.0	East/West Reference FWL
Township 26.0	Range 33.0	Section 19.0	

Wellbore Schematic

SALADO DRAW 19 26 33 FEDERAL 4H



Well Construction Data

Surface Casing

Hole Size:	<u>17 1/2"</u>	Casing Size:	<u>13 3/8"</u>
Cemented with:	<u>1,020</u> sx.	Method	<u>CIRC</u>
Top of Cement:	<u>SURF</u>	Determined:	<u>CIRC</u>

Intermediate Casing

Hole Size:	<u>12 1/4"</u>	Casing Size:	<u>9 5/8"</u>
Cemented with:	<u>1,540</u> sx.	Method	<u>CIRC</u>
Top of Cement:	<u>SURF</u>	Determined:	<u>CIRC</u>

Production Casing

Hole Size:	<u>8 3/4"</u>	Casing Size:	<u>5 1/2"</u>
Cemented with:	<u>1,635</u> sx.	Method	<u>CALC</u>
Top of Cement:	<u>3000</u>	Determined:	<u>CALC</u>

Injection Interval

9,491 MD to 13,769 MD feet perforated

*Note - Diagram not to scale

SLIDE 2

SALADO DRAW 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 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

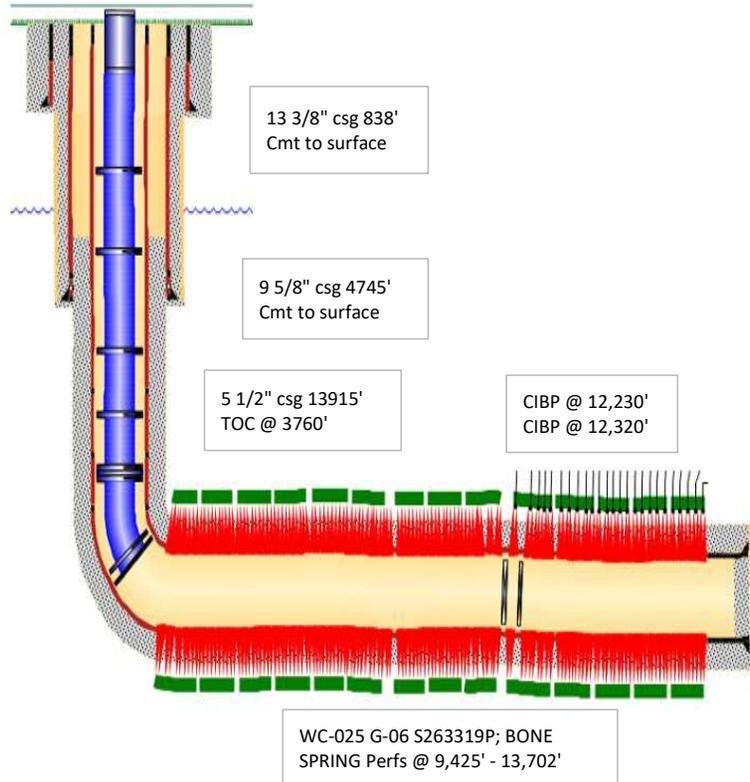
SLIDE 1 SD EA 19 FEDERAL P 6 #005H

Operator: CHEVRON U S A INC

Well Name SALADO DRAW EA 19 FED P6 005H	Lease Salado Draw EA 19 Fed P6	Field Name WILDCAT (HOBBS)	Business Unit Mid-Continent
SALADO DRAW EA 19 FED P6 005H			
Area Delaware Basin	Surface UWI 3002542797	Well Type Oil Producer	
Latitude (°) 32° 2' 7.868" N	Longitude (°) 103° 36' 28.778" W		
North/South Distance (ft) 227.0	North/South Reference FNL	East/West Distance (ft) 1,747.0	East/West Reference FEL
Township 26	Range 33	Section 19	

Wellbore Schematic

SD EA 19 FEDERAL P 6 #005H



Well Construction 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		

Intermediate Casing

Hole Size:	12 1/4"	Casing Size:	9 5/8"
Cemented with:	1,525 sx.	Method	Determined: CIRC
Top of Cement:	SURF		

Production Casing

Hole Size:	8 3/4"	Casing Size:	5 1/2"
Cemented with:	1,525 sx.	Method	Determined: CALC
Top of Cement:	3760		

Injection Interval

9,425 MD to 13,702 MD feet perforated

*Note - Diagram not to scale

SLIDE 2

SD EA 19 FEDERAL 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 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 SD EA 19 FEDERAL P6 6H

Operator: CHEVRON U S A INC

Well Name SALADO DRAW EA 19 FED P6 006H	Lease Salado Draw EA 19 Fed P6	Field Name WILDCAT (HOBBS)	Business Unit Mid-Continent
SALADO DRAW EA 19 FED P6 006H			
Area Delaware Basin	Surface UWI 3002542798	Well Type Oil Producer	
Latitude (°) 32° 2' 8.063" N		Longitude (°) 103° 36' 28.598" W	
North/South Distance (ft) 207.0	North/South Reference FNL	East/West Distance (ft) 1,732.0	East/West Reference FEL
Township 26	Range 33	Section 19	

Wellbore Schematic

SD EA 19 FEDERAL P6 6H

Well Construction Data

Surface Casing

Hole Size:	<u>17 1/2"</u>	Casing Size:	<u>13 3/8"</u>
Cemented with:	<u>1,006</u> sx.	Method	<u>CIRC</u>
Top of Cement:	<u>SURF</u>	Determined:	<u>CIRC</u>

Intermediate Casing

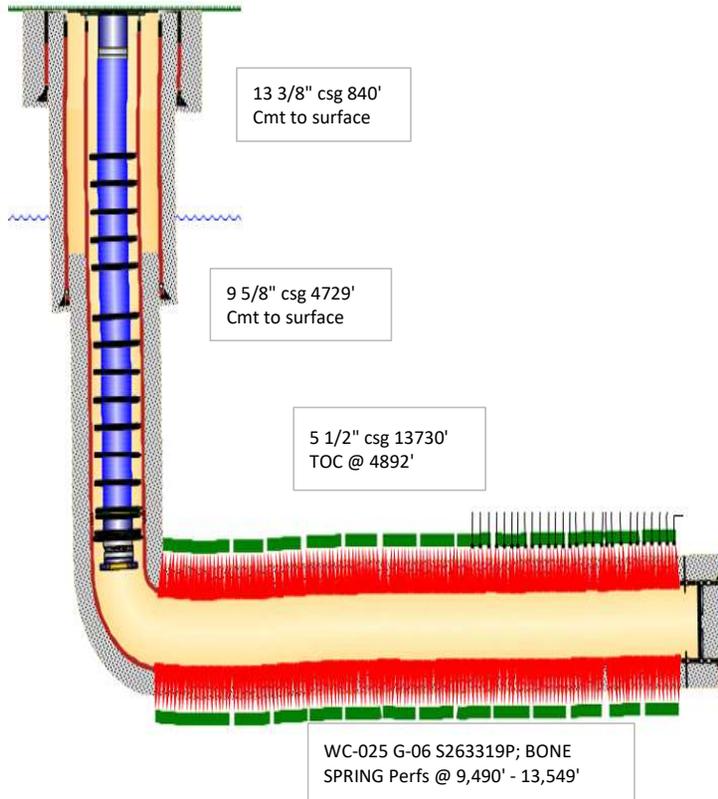
Hole Size:	<u>12 1/4"</u>	Casing Size:	<u>9 5/8"</u>
Cemented with:	<u>1,527</u> sx.	Method	<u>CIRC</u>
Top of Cement:	<u>SURF</u>	Determined:	<u>CIRC</u>

Production Casing

Hole Size:	<u>8 3/4"</u>	Casing Size:	<u>5 1/2"</u>
Cemented with:	<u>1,635</u> sx.	Method	<u>CBL</u>
Top of Cement:	<u>4892</u>	Determined:	<u>CBL</u>

Injection Interval

9,490 MD to 13,549 MD feet perforated



*Note - Diagram not to scale

SLIDE 2 SD EA 19 FEDERAL P6 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): 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

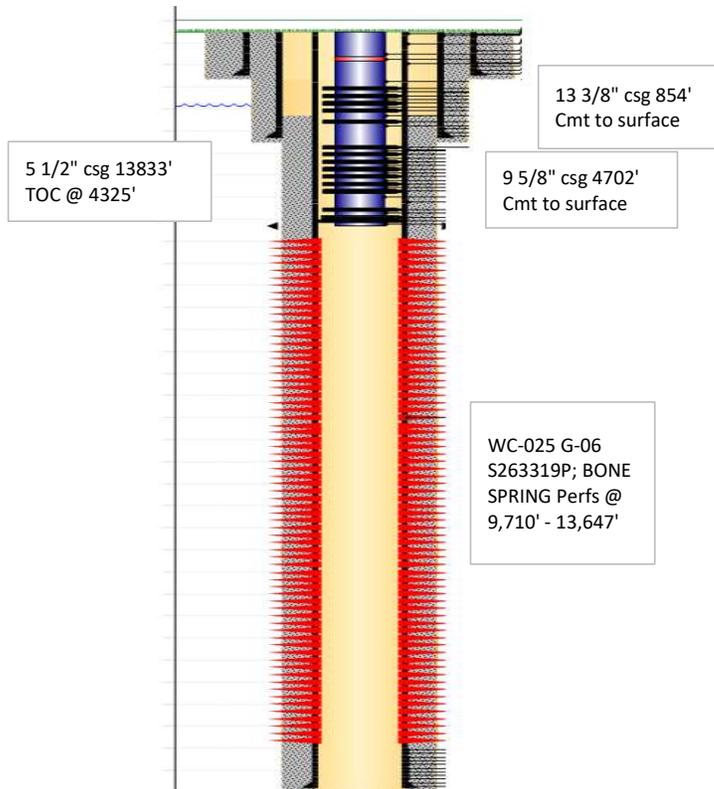
SLIDE 1 SD EA 19 FEDERAL P6 7H

Operator: CHEVRON U S A INC

Well Name SALADO DRAW EA 19 FED P6 007H	Lease Salado Draw EA 19 Fed P6	Field Name WILDCAT (HOBBS)	Business Unit Mid-Continent
SALADO DRAW EA 19 FED P6 007H			
Area Delaware Basin	Surface UWI 3002542799	Well Type Oil Producer	
Latitude (°) 32° 2' 8.257" N	Longitude (°) 103° 36' 28.418" W		
North/South Distance (ft) 188.0	North/South Reference FNL	East/West Distance (ft) 1,716.0	East/West Reference FEL
Township 26	Range 33	Section 19	

Wellbore Schematic

SD EA 19 FEDERAL P6 7H



Well Construction Data

Surface Casing

Hole Size:	<u>17 1/2"</u>	Casing Size:	<u>13 3/8"</u>
Cemented with:	<u>1,006</u> sx.	Method	<u>CIRC</u>
Top of Cement:	<u>SURF</u>	Determined:	<u>CIRC</u>

Intermediate Casing

Hole Size:	<u>12 1/4"</u>	Casing Size:	<u>9 5/8"</u>
Cemented with:	<u>1,470</u> sx.	Method	<u>CIRC</u>
Top of Cement:	<u>SURF</u>	Determined:	<u>CIRC</u>

Production Casing

Hole Size:	<u>8 3/4"</u>	Casing Size:	<u>5 1/2"</u>
Cemented with:	<u>1,655</u> sx.	Method	<u>CBL</u>
Top of Cement:	<u>4325</u>	Determined:	<u>CBL</u>

Injection Interval

9,710 MD to 13,647 MD feet perforated

*Note - Diagram not to scale

SLIDE 2

SD EA 19 FEDERAL 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 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

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									$(1+6*7)/8$						$(1+12*13)/(12*14)$			
API10	Well Name	Proposed Max Allowable Surface Pressure (MASP) (psi)	Current Average Surface Pressure (psi)	Max Achievable Surface Pressure, Current Infrastructure (psi)	Proposed Average Injection Rate (MMscfd)	Proposed Max Injection Rate (MMscfd)	Burst Calculation Depth (ft TVD)	Burst Calculation Depth (ft MD)	Brine Pressure Gradient (psi/ft)	Casing Burst (psi)	Casing Grade	MASP + Reservoir Brine Hydrostatic as a percentage of Casing Burst Pressure (%)	Top Perforation Depth (ft TVD)	MASP Gradient (psi/ft)	Top Perforation Depth (ft TVD)	Gas Pressure Gradient (psi/ft)	Formation Parting Pressure Gradient (psi/ft)	MASP + Reservoir Gas Hydrostatic as a percentage of Formation Parting 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%

EXHIBIT 6

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
 - 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
 - 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

Salado Draw Gas RE-Injection MITs

EXHIBIT 7 Porter Brown

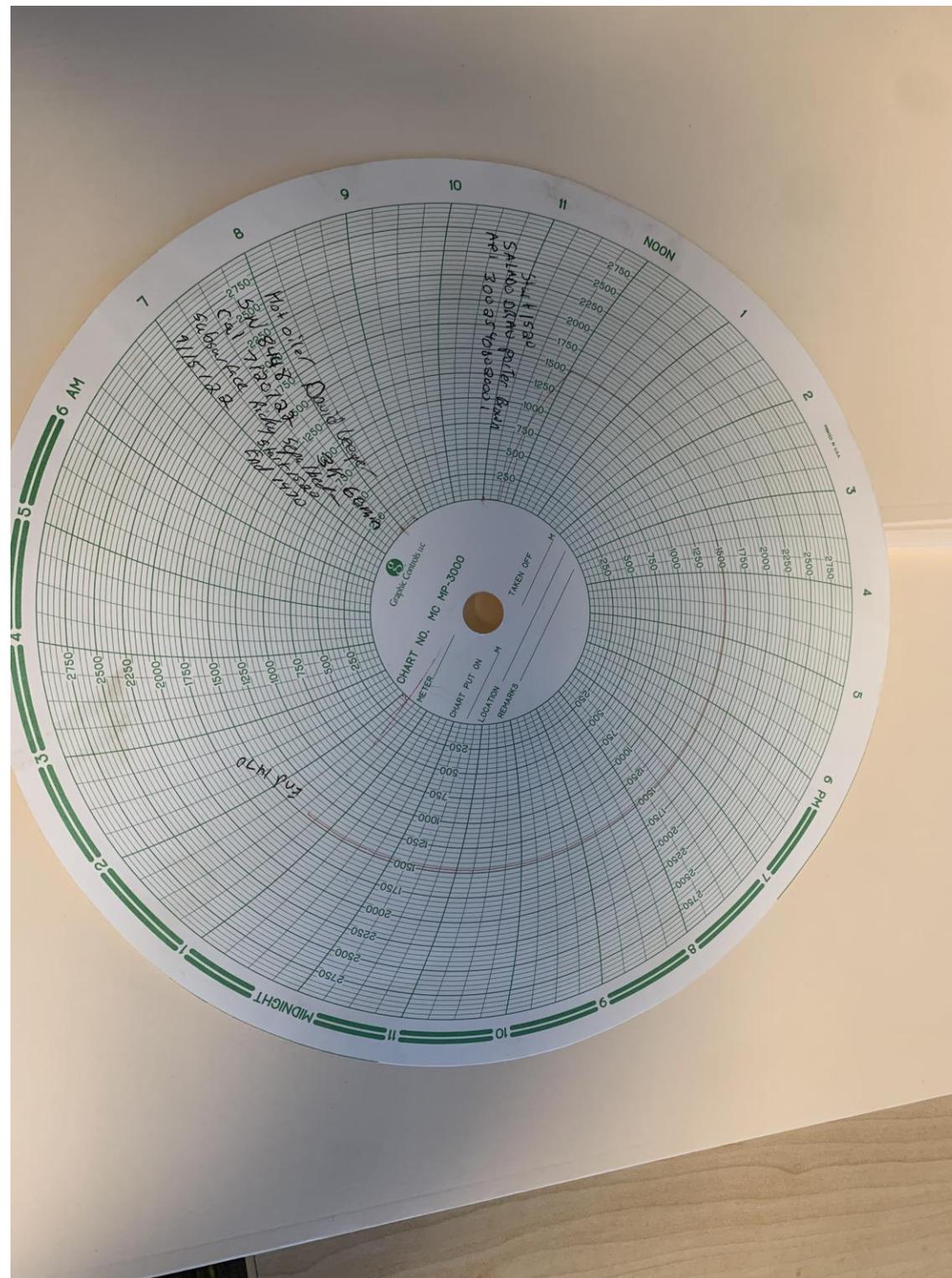


EXHIBIT 7 Pad 3 (18-1, 19-1 & 19-2)

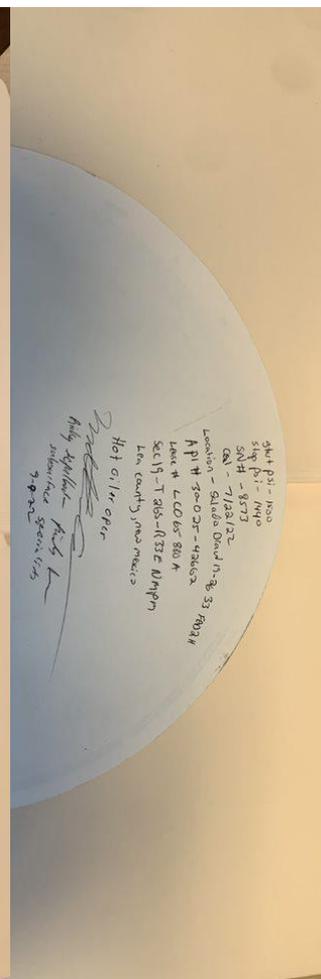
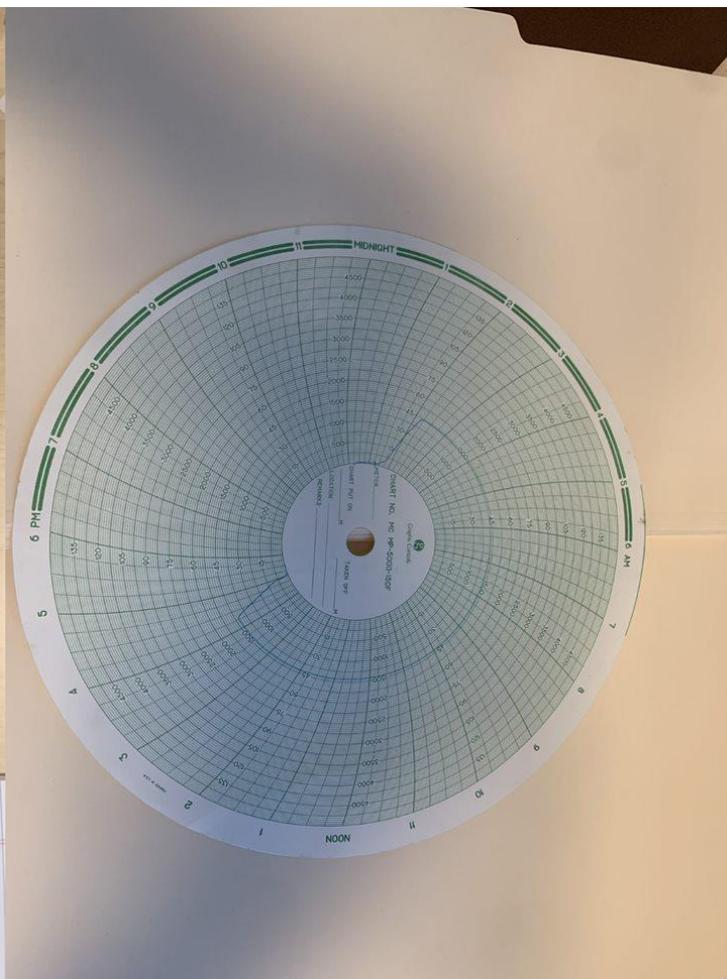
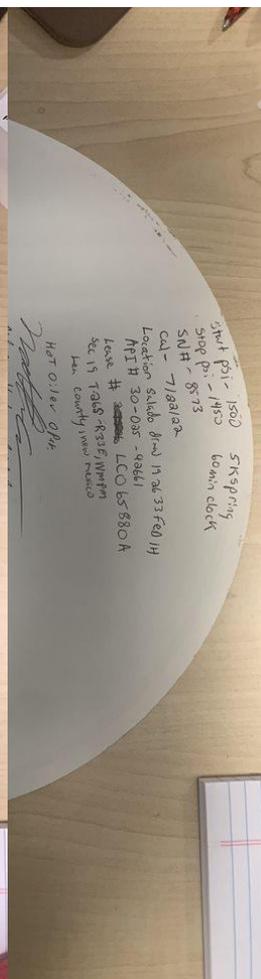
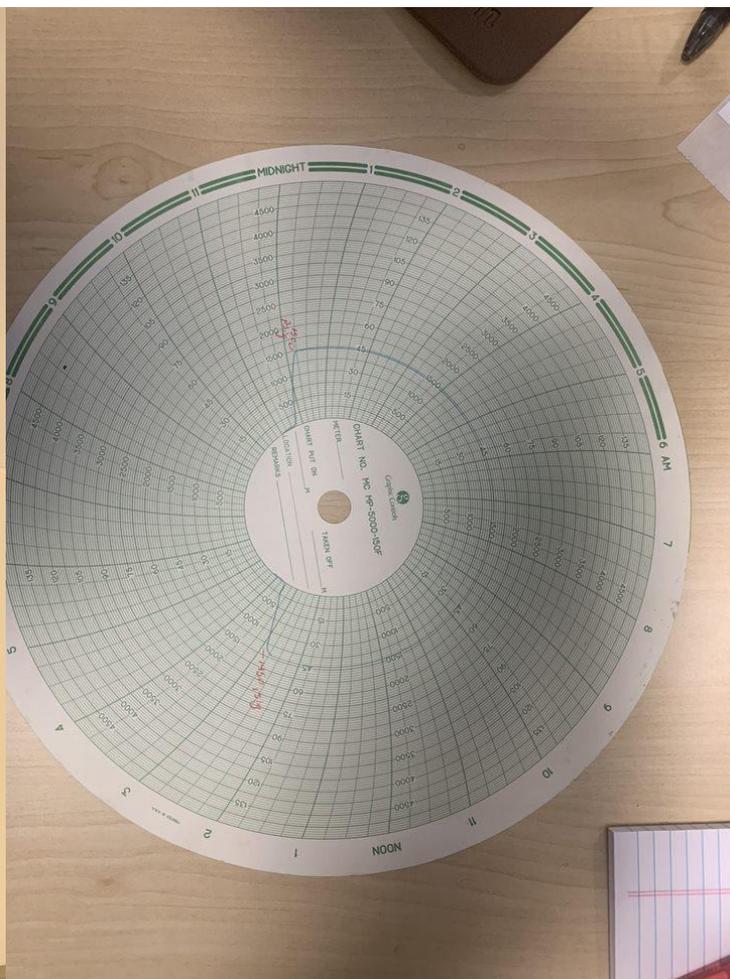
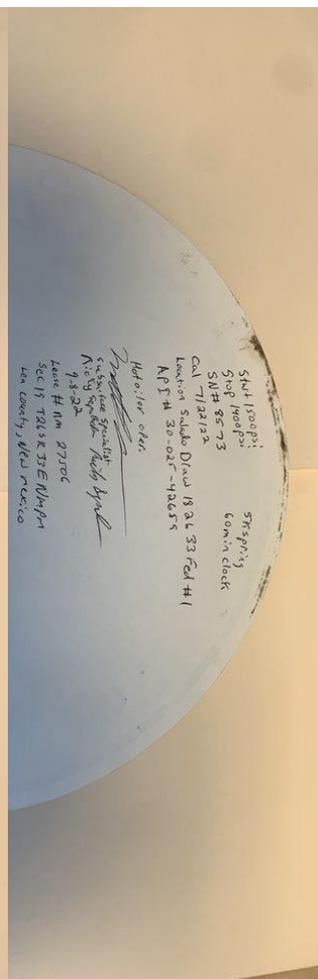
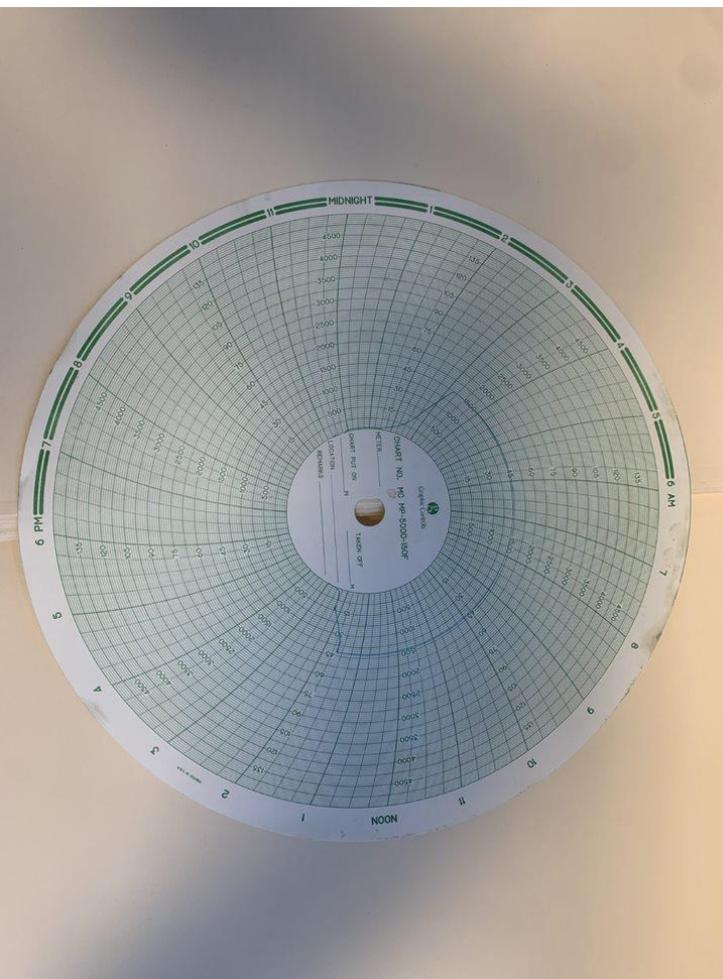
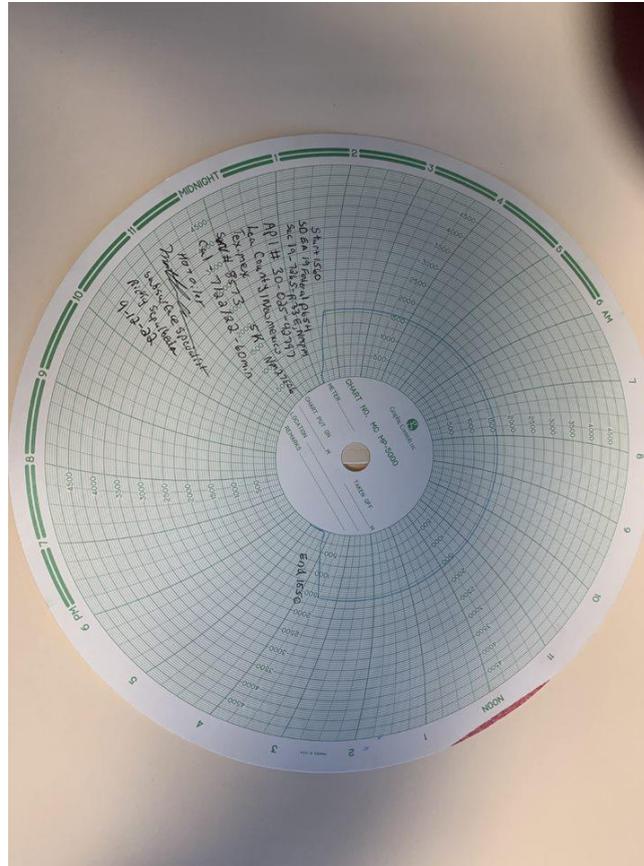


EXHIBIT 7 Pad 6 (18-5, 18-6, 19-5, 19-6 & 19-7)

To be completed
at a later date

To be completed
at a later date



To be completed
at a later date

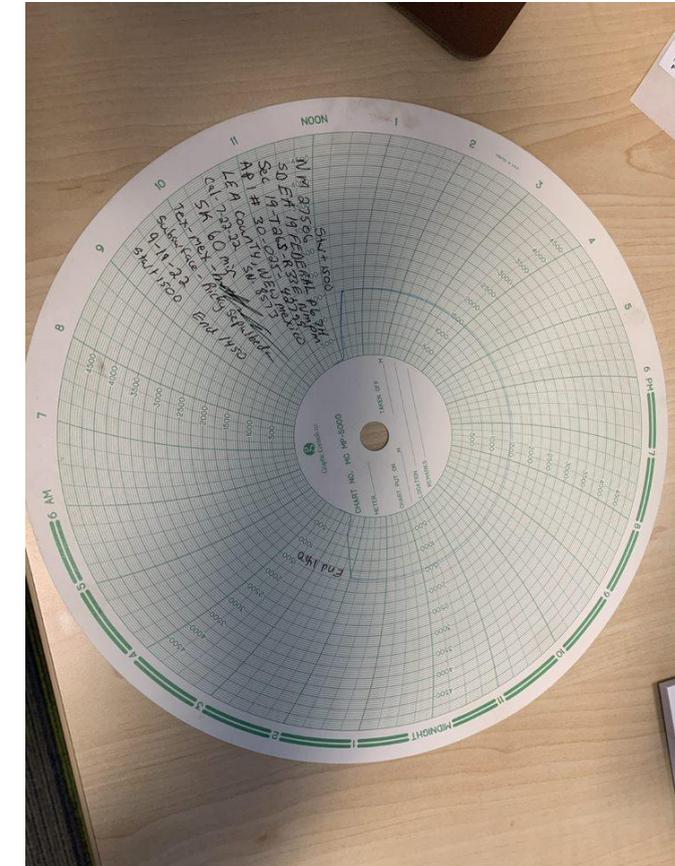


EXHIBIT 8**Mechanical Integrity Test (MIT) Summary Table**

API10	Well Name	Date	Initial Surface Pressure	Ending Surface Pressure	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 9

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

SALADO DRAW 23 CTB	SD WE 14 FED P7 4H	30025430870001
SALADO DRAW 23 CTB	SD WE 15 FED P12 1H	30025436130001
SALADO DRAW 23 CTB	SD WE 15 FED P12 2H	30025435940001
SALADO DRAW 23 CTB	SD WE 15 FED P12 3H	30025435950001
SALADO DRAW 23 CTB	SD WE 15 FED P9 5H	30025436400001
SALADO DRAW 23 CTB	SD WE 15 FED P9 6H	30025436410001
SALADO DRAW 23 CTB	SD WE 15 FED P9 7H	30025436420001
SALADO DRAW 23 CTB	SD WE 23 FED P25 5H	30025434600001
SALADO DRAW 23 CTB	SD WE 23 FED P25 6H	30025434610001
SALADO DRAW 23 CTB	SD WE 23 FED P25 7H	30025434620001
SALADO DRAW 23 CTB	SD WE 23 FED P5 1H	30025428020001
SALADO DRAW 23 CTB	SD WE 23 FED P5 2H	30025428030001
SALADO DRAW 23 CTB	SD WE 23 FED P7 #3H	30025430880001
SALADO DRAW 23 CTB	SD WE 23 FED P7 #4H	30025430890001
SALADO DRAW 24 CTB	SD WE 24 FED P23 1H	30025433180001
SALADO DRAW 24 CTB	SD WE 24 FED P23 2H	30025432960001
SALADO DRAW 24 CTB	SD WE 24 FED P23 3H	30025432970001
SALADO DRAW 24 CTB	SD WE 24 FED P23 4H	30025432980001
SALADO DRAW 24 CTB	SD WE 24 FED P24 5H	30025436740001
SALADO DRAW 24 CTB	SD WE 24 FED P24 6H	30025436730001
SALADO DRAW 24 CTB	SD WE 24 FED P24 7H	30025436750001
SALADO DRAW 29 CTB	SALADO DRAW 29-1	30025426290001
SALADO DRAW 29 CTB	SALADO DRAW 29-10	30025432690001
SALADO DRAW 29 CTB	SALADO DRAW 29-11	30025432700001
SALADO DRAW 29 CTB	SALADO DRAW 29-12	30025432710001
SALADO DRAW 29 CTB	SALADO DRAW 29-13H	30025443330001
SALADO DRAW 29 CTB	SALADO DRAW 29-14H	30025443340001
SALADO DRAW 29 CTB	SALADO DRAW 29-15H	30025443350001
SALADO DRAW 29 CTB	SALADO DRAW 29-16H	30025443360001
SALADO DRAW 29 CTB	SALADO DRAW 29-17H	30025444850001
SALADO DRAW 29 CTB	SALADO DRAW 29-18H	30025444860001
SALADO DRAW 29 CTB	SALADO DRAW 29-19H	30025444870001
SALADO DRAW 29 CTB	SALADO DRAW 29-2	30025426370001
SALADO DRAW 29 CTB	SALADO DRAW 29-20H	30025444880001
SALADO DRAW 29 CTB	SALADO DRAW 29-3	30025426380001
SALADO DRAW 29 CTB	SALADO DRAW 29-4	30025426390001
SALADO DRAW 29 CTB	SALADO DRAW 29-5	30025424400001
SALADO DRAW 29 CTB	SALADO DRAW 29-6	30025424410001
SALADO DRAW 29 CTB	SALADO DRAW 29-7	30025424420001
SALADO DRAW 29 CTB	SALADO DRAW 29-8	30025424430001
SALADO DRAW 29 CTB	SALADO DRAW 29-9	30025432680001
SALADO DRAW 29 CTB	SALADO DRAW 33H	30025421680001

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.

EXHIBIT 11



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C6+ Gas Analysis Report

9783G	3300250021	Salado 19 DBM Chk 1	
Sample Point Code	Sample Point Name	Sample Point Location	
Laboratory Services	2022054213	1512	M Anderson - Spot
Source Laboratory	Lab File 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, 2022 10:15	May 17, 2022
Date Sampled	Date Effective	Date Received	Date Reported
57.00	System Administrator	102 @ 98	
Ambient Temp (°F)	Flow Rate (Mcf)	Analyst	Press PSI @ Temp °F Source Conditions
Chevron Usa, Inc.	NG		
Operator	Lab Source Description		

Component	Normalized Mol %	Un-Normalized Mol %	GPM
H2S (H2S)	0.0000	0	
Nitrogen (N2)	2.1520	2.152	
CO2 (CO2)	0.1890	0.189	
Methane (C1)	65.4260	65.426	
Ethane (C2)	13.3950	13.395	3.5810
Propane (C3)	8.5300	8.53	2.3490
I-Butane (IC4)	1.3000	1.3	0.4250
N-Butane (NC4)	3.6630	3.663	1.1550
I-Pentane (IC5)	1.0330	1.033	0.3780
N-Pentane (NC5)	1.3120	1.312	0.4750
Hexanes Plus (C6+)	3.0000	3.0	1.3010
TOTAL	100.0000	100.0000	9.6640

Gross Heating Values (Real, BTU/ft ³)			
14.696 PSI @ 60.00 Å°F		14.73 PSI @ 60.00 Å°F	
Dry	Saturated	Dry	Saturated
1,527.4	1,502.3	1,530.9	1,505.8

Calculated Total Sample Properties	
GPA2145-16 *Calculated at Contract Conditions	
Relative Density Real	Relative Density Ideal
0.9147	0.9096
Molecular Weight	
26.3433	

C6+ Group Properties		
Assumed Composition		
C6 - 60.000%	C7 - 30.000%	C8 - 10.000%

Field H2S
.5 PPM

PROTREND STATUS: Passed By Validator on May 18, 2022
DATA SOURCE: Imported

PASSED BY VALIDATOR REASON: Close enough to be considered reasonable.

VALIDATOR: Luis Cano

VALIDATOR COMMENTS: ok

Method(s): Gas C6+ - GPA 2261, Extended Gas - GPA 2286, Calculations - GPA 2172

Analyzer Information			
Device Type:	Gas Chromatograph	Device Make:	Shimadzu
Device Model:	GC-2014	Last Cal Date:	Apr 18, 2022



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C6+ Gas Analysis Report

9621G	2300250191	Salado 19 T1 2 Phase	
Sample Point Code	Sample Point Name	Sample Point Location	
Laboratory Services	2022054214	0969	M Anderson - Spot
Source Laboratory	Lab File No	Container Identity	Sampler
USA	USA	USA	New Mexico
District	Area Name	Field Name	Facility Name
May 5, 2022 11:30	May 5, 2022 11:30	May 16, 2022 10:18	May 17, 2022
Date Sampled	Date Effective	Date Received	Date Reported
68.00	System Administrator	104 @ 88	
Ambient Temp (°F)	Flow Rate (Mcf)	Analyst	Press PSI @ Temp °F Source Conditions
Chevron Usa, Inc.	NG		
Operator	Lab Source Description		

Component	Normalized Mol %	Un-Normalized Mol %	GPM
H2S (H2S)	0.0010	0.001	
Nitrogen (N2)	2.3020	2.302	
CO2 (CO2)	0.7520	0.752	
Methane (C1)	68.9250	68.927	
Ethane (C2)	13.4700	13.47	3.6010
Propane (C3)	8.1030	8.103	2.2320
I-Butane (IC4)	1.1170	1.117	0.3650
N-Butane (NC4)	2.9120	2.912	0.9180
I-Pentane (IC5)	0.6350	0.635	0.2320
N-Pentane (NC5)	0.7050	0.705	0.2550
Hexanes Plus (C6+)	1.0780	1.078	0.4680
TOTAL	100.0000	100.0020	8.0710

Gross Heating Values (Real, BTU/ft³)			
14.696 PSI @ 60.00 Å°F		14.73 PSI @ 60.00 Å°F	
Dry	Saturated	Dry	Saturated
1,383.5	1,360.9	1,386.7	1,364.0000

Calculated Total Sample Properties	
GPA2145-16 *Calculated at Contract Conditions	
Relative Density Real	Relative Density Ideal
0.8312	0.8276
Molecular Weight	
23.9699	

C6+ Group Properties		
Assumed Composition		
C6 - 60.000%	C7 - 30.000%	C8 - 10.000%

Field H2S 12 PPM

PROTREND STATUS: Passed By Validator on May 18, 2022
DATA SOURCE: Imported

PASSED BY VALIDATOR REASON: Close enough to be considered reasonable.

VALIDATOR: Luis Cano

VALIDATOR COMMENTS: ok

Method(s): Gas C6+ - GPA 2261, Extended Gas - GPA 2286, Calculations - GPA 2172

Analyzer Information			
Device Type:	Gas Chromatograph	Device Make:	Shimadzu
Device Model:	GC-2014	Last Cal Date:	Apr 18, 2022



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C6+ Gas Analysis Report

9369G	2300250192	Salado 19 T2 2 phase	
Sample Point Code	Sample Point Name	Sample Point Location	
Laboratory Services	2022054212	2066	M Anderson - Spot
Source Laboratory	Lab File No	Container Identity	Sampler
USA	USA	USA	New Mexico
District	Area Name	Field Name	Facility Name
May 5, 2022 12:00	May 5, 2022 12:00	May 16, 2022 10:12	May 17, 2022
Date Sampled	Date Effective	Date Received	Date Reported
71.00	System Administrator	103 @ 100	
Ambient Temp (°F)	Flow Rate (Mcf)	Analyst	Press PSI @ Temp °F Source Conditions
Chevron Usa, Inc.	NG		
Operator	Lab Source Description		

Component	Normalized Mol %	Un-Normalized Mol %	GPM
H2S (H2S)	0.0000	0	
Nitrogen (N2)	0.8240	0.824	
CO2 (CO2)	0.1430	0.143	
Methane (C1)	67.5720	67.572	
Ethane (C2)	15.7950	15.795	4.2230
Propane (C3)	9.2100	9.21	2.5370
I-Butane (IC4)	1.1120	1.112	0.3640
N-Butane (NC4)	2.8150	2.815	0.8870
I-Pentane (IC5)	0.5780	0.578	0.2110
N-Pentane (NC5)	0.7000	0.7	0.2540
Hexanes Plus (C6+)	1.2510	1.251	0.5430
TOTAL	100.0000	100.0000	9.0190

Gross Heating Values (Real, BTU/ft³)			
14.696 PSI @ 60.00 Å°F		14.73 PSI @ 60.00 Å°F	
Dry	Saturated	Dry	Saturated
1,442.1	1,418.5	1,445.4	1,421.8

Calculated Total Sample Properties	
GPA2145-16 *Calculated at Contract Conditions	
Relative Density Real	Relative Density Ideal
0.8435	0.8396
Molecular Weight	
24.3149	

C6+ Group Properties		
Assumed Composition		
C6 - 60.000%	C7 - 30.000%	C8 - 10.000%

Field H2S .5 PPM

PROTREND STATUS: Passed By Validator on May 18, 2022
DATA SOURCE: Imported

PASSED BY VALIDATOR REASON: Close enough to be considered reasonable.

VALIDATOR: Luis Cano

VALIDATOR COMMENTS: ok

Method(s): Gas C6+ - GPA 2261, Extended Gas - GPA 2286, Calculations - GPA 2172

Analyzer Information			
Device Type:	Gas Chromatograph	Device Make:	Shimadzu
Device Model:	GC-2014	Last Cal Date:	Apr 18, 2022



10984G	2300250244	Salado 23 T1 2ph	
Sample Point Code	Sample Point Name	Sample Point Location	
Laboratory Services	2022050311	1763	T. Henley - Spot
Source Laboratory	Lab File No	Container Identity	Sampler
USA	USA	USA	New Mexico
District	Area Name	Field Name	Facility Name
Jan 5, 2022 12:10	Jan 5, 2022 12:10	Jan 12, 2022 10:00	Jan 12, 2022
Date Sampled	Date Effective	Date Received	Date 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 Description		

Component	Normalized Mol %	Un-Normalized Mol %	GPM
Nitrogen (N2)	1.3950	1.373772	
Carbon Dioxide (CO2)	4.7650	4.691073	
Hydrogen Sulfide (H2S)	0.0004	0.0004	
Methane (C1)	72.5076	71.389023	
Ethane (C2)	10.6640	10.498842	2.8510
Propane (C3)	6.0160	5.92287	1.6570
IsoButane (IC4)	0.8180	0.805381	0.2680
n-Butane (NC4)	2.0530	2.021662	0.6470
IsoPentane (IC5)	0.4990	0.490822	0.1820
n-Pentane (NC5)	0.5520	0.543626	0.2000
Hexanes (C6's)	0.7300	0.73	0.3010
TOTAL	100.0000	98.4675	6.1060

Gross Heating Values (Real, BTU/ft³)		
14.696 PSI @ 60.00 Å°F	14.73 PSI @ 60.00 Å°F	
Dry	Dry	Saturated
1,244.2	1,252.1	1,230.8

Calculated Total Sample Properties	
GPA2145-16 *Calculated at Contract Conditions	
Relative Density Real	Relative Density Ideal
0.7996	0.7967
Molecular Weight	
23.0740	

C6+ Group Properties		
Assumed Composition		
C6 - 51.119%	C7 - 32.995%	C8 - 15.886%

Field H2S 4 PPM

PROTREND STATUS: Passed By Validator on Jan 14, 2022
DATA SOURCE: Imported

PASSED BY VALIDATOR REASON: Close enough to be considered reasonable.

VALIDATOR: Dustin Armstrong
VALIDATOR COMMENTS: OK

Method(s): Gas C6+ - GPA 2261, Extended Gas - GPA 2286, Calculations - GPA 2172

Analyzer Information	
Device Type:	Device Make:
Device Model:	Last Cal Date:



Sample Point Code - Name @ Location

Operator

10984G - 2300250244 - Salado 23 T1 2ph

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



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C6+ Gas Analysis Report

10984G	2300250244		Salado 23 T1 2ph
Sample Point Code	Sample Point Name		Sample Point Location
Laboratory Services	2022054208	1546	M Anderson - Spot
Source Laboratory	Lab File No	Container Identity	Sampler
USA	USA	USA	New Mexico
District	Area Name	Field Name	Facility Name
May 6, 2022 12:00	May 6, 2022 12:00	May 16, 2022 10:02	May 17, 2022
Date Sampled	Date Effective	Date Received	Date Reported
87.00	Luis	109 @ 85	
Ambient Temp (°F)	Flow Rate (Mcf)	Analyst	Press PSI @ Temp °F Source Conditions
Chevron Usa, Inc.			NG
Operator			Lab Source Description

Component	Normalized Mol %	Un-Normalized Mol %	GPM
H2S (H2S)	0.0010	0.001	
Nitrogen (N2)	3.8900	3.89029	
CO2 (CO2)	5.9470	5.94699	
Methane (C1)	69.2690	69.2709	
Ethane (C2)	10.1010	10.10094	2.7010
Propane (C3)	5.8540	5.85432	1.6120
I-Butane (IC4)	0.8110	0.81053	0.2650
N-Butane (NC4)	2.0710	2.07058	0.6530
I-Pentane (IC5)	0.5560	0.5556	0.2030
N-Pentane (NC5)	0.6350	0.63529	0.2300
Hexanes Plus (C6+)	0.8650	0.86456	0.3750
TOTAL	100.0000	100.0010	6.0390

Gross Heating Values (Real, BTU/ft³)			
14.696 PSI @ 60.00 Å°F		14.73 PSI @ 60.00 Å°F	
Dry	Saturated	Dry	Saturated
1,216.0000	1,196.2	1,218.8	1,199.0000

Calculated Total Sample Properties	
GPA2145-16 *Calculated at Contract Conditions	
Relative Density Real	Relative Density Ideal
0.8241	0.8211
Molecular Weight	
23.7789	

C6+ Group Properties		
Assumed Composition		
C6 - 60.000%	C7 - 30.000%	C8 - 10.000%

Field H2S
6 PPM

PROTREND STATUS: Passed By Validator on May 18, 2022
DATA SOURCE: Imported

PASSED BY VALIDATOR REASON: Close enough to be considered reasonable.

VALIDATOR: Luis Cano

VALIDATOR COMMENTS: ok

Method(s): Gas C6+ - GPA 2261, Extended Gas - GPA 2286, Calculations - GPA 2172

Analyzer Information			
Device Type:	Gas Chromatograph	Device Make:	Shimadzu
Device Model:	GC-2014	Last Cal Date:	Apr 18, 2022



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C6+ Gas Analysis Report

10985G	2300250257	Salado 23 T3 2ph	
Sample Point Code	Sample Point Name	Sample Point Location	
Laboratory Services	2022054210	1214	M Anderson - Spot
Source Laboratory	Lab File No	Container Identity	Sampler
USA	USA	USA	New Mexico
District	Area Name	Field Name	Facility Name
May 6, 2022 10:30	May 6, 2022 10:30	May 16, 2022 10:05	May 17, 2022
Date Sampled	Date Effective	Date Received	Date Reported
81.00	Torrance	122 @ 77	
Ambient Temp (°F)	Flow Rate (Mcf)	Analyst	Press PSI @ Temp °F Source Conditions
Chevron Usa, Inc.	NG		
Operator	Lab Source Description		

Component	Normalized Mol %	Un-Normalized Mol %	GPM
H2S (H2S)	0.0000	0	
Nitrogen (N2)	1.6340	1.63383	
CO2 (CO2)	6.6540	6.65427	
Methane (C1)	73.0240	73.02282	
Ethane (C2)	9.8060	9.80647	2.6220
Propane (C3)	5.2500	5.24965	1.4460
I-Butane (IC4)	0.6680	0.66817	0.2190
N-Butane (NC4)	1.5150	1.51519	0.4780
I-Pentane (IC5)	0.4070	0.40679	0.1490
N-Pentane (NC5)	0.4350	0.43547	0.1580
Hexanes Plus (C6+)	0.6070	0.60735	0.2630
TOTAL	100.0000	100.0000	5.3350

Gross Heating Values (Real, BTU/ft³)			
14.696 PSI @ 60.00 Å°F		14.73 PSI @ 60.00 Å°F	
Dry	Saturated	Dry	Saturated
1,183.3	1,164.0000	1,186.0000	1,166.7

Calculated Total Sample Properties	
GPA2145-16 *Calculated at Contract Conditions	
Relative Density Real	Relative Density Ideal
0.7900	0.7873
Molecular Weight	
22.8066	

C6+ Group Properties		
Assumed Composition		
C6 - 60.000%	C7 - 30.000%	C8 - 10.000%

Field H2S 1.5 PPM

PROTREND STATUS: Passed By Validator on May 18, 2022
DATA SOURCE: Imported

PASSED BY VALIDATOR REASON: Close enough to be considered reasonable.

VALIDATOR: Luis Cano

VALIDATOR COMMENTS: ok

Method(s): Gas C6+ - GPA 2261, Extended Gas - GPA 2286, Calculations - GPA 2172

Analyzer Information			
Device Type:	Gas Chromatograph	Device Make:	Shimadzu
Device Model:	GC-2014	Last Cal Date:	Apr 18, 2022



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C6+ Gas Analysis Report

4867G	3300250027 3300250028	Salado 24 Ck North/South	
Sample Point Code	Sample Point Name	Sample Point Location	
Laboratory Services	2022057078	1932	R Hernandez - Spot
Source Laboratory	Lab File 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	Aug 15, 2022 11:58	Aug 16, 2022
Date Sampled	Date Effective	Date Received	Date Reported
82.00	3,536.10	System Administrator	68 @ 88
Ambient Temp (°F)	Flow Rate (Mcf)	Analyst	Press PSI @ Temp °F Source Conditions
Chevron Usa, Inc.	NG		
Operator	Lab Source Description		

Component	Normalized Mol %	Un-Normalized Mol %	GPM
H2S (H2S)	0.0010	0.001	
Nitrogen (N2)	2.9170	2.917	
CO2 (CO2)	2.2940	2.294	
Methane (C1)	70.4590	70.461	
Ethane (C2)	12.0980	12.098	3.2350
Propane (C3)	6.7510	6.751	1.8590
I-Butane (IC4)	0.8970	0.897	0.2930
N-Butane (NC4)	2.2980	2.298	0.7240
I-Pentane (IC5)	0.5610	0.561	0.2050
N-Pentane (NC5)	0.6390	0.639	0.2320
Hexanes Plus (C6+)	1.0850	1.085	0.4710
TOTAL	100.0000	100.0020	7.0190

Gross Heating Values (Real, BTU/ft³)			
14.696 PSI @ 60.00 Å°F		14.73 PSI @ 60.00 Å°F	
Dry	Saturated	Dry	Saturated
1,308.1	1,286.6	1,311.1	1,289.6

Calculated Total Sample Properties	
GPA2145-16 *Calculated at Contract Conditions	
Relative Density Real	Relative Density Ideal
0.8139	0.8107
Molecular Weight	
23.4790	

C6+ Group Properties		
Assumed Composition		
C6 - 60.000%	C7 - 30.000%	C8 - 10.000%

Field H2S 5 PPM

PROTREND STATUS: Passed By Validator on Aug 17, 2022
DATA SOURCE: Imported

PASSED BY VALIDATOR REASON: Close enough to be considered reasonable.

VALIDATOR: Luis Cano

VALIDATOR COMMENTS: ok

Method(s): Gas C6+ - GPA 2261, Extended Gas - GPA 2286, Calculations - GPA 2172

Analyzer Information			
Device Type:	Gas Chromatograph	Device Make:	Shimadzu
Device Model:	GC-2014	Last Cal Date:	Jul 18, 2022



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C6+ Gas Analysis Report

<u>7722G</u>	<u>2300250228</u>	<u>Salado 29 T1 CDP</u>	
Sample Point Code	Sample Point Name	Sample Point Location	
<u>Laboratory Services</u>	<u>2022054072</u>	<u>1431</u>	<u>T. Henley - Spot</u>
Source Laboratory	Lab File No	Container Identity	Sampler
<u>USA</u>	<u>USA</u>	<u>USA</u>	<u>New Mexico</u>
District	Area Name	Field Name	Facility Name
<u>May 6, 2022 10:00</u>	<u>May 6, 2022 10:00</u>	<u>May 12, 2022 06:59</u>	<u>May 10, 2022</u>
Date Sampled	Date Effective	Date Received	Date Reported
<u>74.00</u>	<u>2,036.00</u>	<u>System Administrator</u>	
Ambient Temp (°F)	Flow Rate (Mcf)	Analyst	
		<u>70 @ 81</u>	
		Press PSI @ Temp °F Source Conditions	
<u>Chevron Usa, Inc.</u>			<u>NG</u>
Operator			Lab Source Description

Component	Normalized Mol %	Un-Normalized Mol %	GPM
H2S (H2S)	0.0020	0.002	
Nitrogen (N2)	4.1880	4.188	
CO2 (CO2)	1.7620	1.762	
Methane (C1)	75.3670	75.369	
Ethane (C2)	6.7330	6.733	1.8000
Propane (C3)	3.7100	3.71	1.0220
I-Butane (IC4)	0.4500	0.45	0.1470
N-Butane (NC4)	1.9870	1.987	0.6260
I-Pentane (IC5)	0.7430	0.743	0.2720
N-Pentane (NC5)	1.0260	1.026	0.3720
Hexanes Plus (C6+)	4.0320	4.032	1.7490
TOTAL	100.0000	100.0020	5.9880

Gross Heating Values (Real, BTU/ft³)			
14.696 PSI @ 60.00 Å°F		14.73 PSI @ 60.00 Å°F	
Dry	Saturated	Dry	Saturated
1,335.5	1,313.7	1,338.6	1,316.7

Calculated Total Sample Properties	
GPA2145-16 *Calculated at Contract Conditions	
Relative Density Real	Relative Density Ideal
0.8375	0.8339
Molecular Weight	
24.1507	

C6+ Group Properties		
Assumed Composition		
C6 - 60.000%	C7 - 30.000%	C8 - 10.000%

Field H2S 23 PPM

PROTREND STATUS: Passed By Validator on May 12, 2022
DATA SOURCE: Imported

PASSED BY VALIDATOR REASON:
Close enough to be considered reasonable.

VALIDATOR: Luis Cano
VALIDATOR COMMENTS: ok

Analyzer Information			
Device Type:	Gas Chromatograph	Device Make:	Shimadzu
Device Model:	GC-2014	Last Cal Date:	Apr 18, 2022

Source	Date	Notes
Protrend	May 12, 2022 7:32 am	Analysis moved from SP Code 12169G to 7722G by Luis Cano Wrong lab number Validated on 12169G



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C6+ Gas Analysis Report

5628G	2300250274	Salado 29 T2 CDP	
Sample Point Code	Sample Point Name	Sample Point Location	
Laboratory Services	2022053929	0053	T Henley - Spot
Source Laboratory	Lab File No	Container Identity	Sampler
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	May 10, 2022
Date Sampled	Date Effective	Date Received	Date Reported
80.00	10,277.00	Torrance	74 @ 95
Ambient Temp (°F)	Flow Rate (Mcf)	Analyst	Press PSI @ Temp °F Source Conditions
Chevron Usa, Inc.	NG		
Operator	Lab Source Description		

Component	Normalized Mol %	Un-Normalized Mol %	GPM
H2S (H2S)	0.0000	0	
Nitrogen (N2)	1.0340	1.03426	
CO2 (CO2)	0.4340	0.43377	
Methane (C1)	72.3620	72.36165	
Ethane (C2)	13.1760	13.17629	3.5230
Propane (C3)	7.2930	7.2931	2.0090
I-Butane (IC4)	0.9410	0.94081	0.3080
N-Butane (NC4)	2.4480	2.4484	0.7720
I-Pentane (IC5)	0.5180	0.51758	0.1890
N-Pentane (NC5)	0.6650	0.66467	0.2410
Hexanes Plus (C6+)	1.1290	1.12948	0.4900
TOTAL	100.0000	100.0000	7.5320

Gross Heating Values (Real, BTU/ft³)			
14.696 PSI @ 60.00 Å°F		14.73 PSI @ 60.00 Å°F	
Dry	Saturated	Dry	Saturated
1,368.1	1,345.6	1,371.3	1,348.7

Calculated Total Sample Properties	
GPA2145-16 *Calculated at Contract Conditions	
Relative Density Real	Relative Density Ideal
0.8023	0.7990
Molecular Weight	
23.1425	

C6+ Group Properties		
Assumed Composition		
C6 - 60.000%	C7 - 30.000%	C8 - 10.000%

Field H2S 1 PPM

PROTREND STATUS: Passed By Validator on May 11, 2022
DATA SOURCE: Imported

PASSED BY VALIDATOR REASON: Close enough to be considered reasonable.

VALIDATOR: Luis Cano

VALIDATOR COMMENTS: ok

Method(s): Gas C6+ - GPA 2261, Extended Gas - GPA 2286, Calculations - GPA 2172

Analyzer Information			
Device Type:	Gas Chromatograph	Device Make:	Shimadzu
Device Model:	GC-2014	Last Cal Date:	Apr 18, 2022



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C6+ Gas Analysis Report

9625G	2300250279	Salado Draw 19 T3 2 Phase	
Sample Point Code	Sample Point Name	Sample Point Location	
Laboratory Services	2022054209	1935	M Anderson - Spot
Source Laboratory	Lab File No	Container Identity	Sampler
USA	USA	USA	Default
District	Area Name	Field Name	Facility Name
May 5, 2022 10:00	May 5, 2022 10:00	May 16, 2022 10:04	May 17, 2022
Date Sampled	Date Effective	Date Received	Date Reported
66.00	Torrance	100 @ 126	
Ambient Temp (°F)	Flow Rate (Mcf)	Analyst	Press PSI @ Temp °F Source Conditions
Chevron Usa, Inc.	NG		
Operator	Lab Source Description		

Component	Normalized Mol %	Un-Normalized Mol %	GPM
H2S (H2S)	0.0000	0	
Nitrogen (N2)	0.9250	0.92524	
CO2 (CO2)	0.1280	0.12844	
Methane (C1)	69.6940	69.69385	
Ethane (C2)	13.6390	13.63864	3.6470
Propane (C3)	7.8310	7.83146	2.1570
I-Butane (IC4)	1.0930	1.09287	0.3580
N-Butane (NC4)	3.0080	3.00755	0.9480
I-Pentane (IC5)	0.7180	0.71827	0.2630
N-Pentane (NC5)	0.9230	0.92308	0.3340
Hexanes Plus (C6+)	2.0410	2.0406	0.8850
TOTAL	100.0000	100.0000	8.5920

Gross Heating Values (Real, BTU/ft³)			
14.696 PSI @ 60.00 Å°F		14.73 PSI @ 60.00 Å°F	
Dry	Saturated	Dry	Saturated
1,451.5	1,427.7	1,454.9	1,431.0000

Calculated Total Sample Properties	
GPA2145-16 *Calculated at Contract Conditions	
Relative Density Real	Relative Density Ideal
0.8506	0.8465
Molecular Weight	
24.5199	

C6+ Group Properties		
Assumed Composition		
C6 - 60.000%	C7 - 30.000%	C8 - 10.000%

Field H2S 0 PPM

PROTREND STATUS: Passed By Validator on May 18, 2022
DATA SOURCE: Imported

PASSED BY VALIDATOR REASON: Close enough to be considered reasonable.

VALIDATOR: Luis Cano

VALIDATOR COMMENTS: ok

Method(s): Gas C6+ - GPA 2261, Extended Gas - GPA 2286, Calculations - GPA 2172

Analyzer Information			
Device Type:	Gas Chromatograph	Device Make:	Shimadzu
Device Model:	GC-2014	Last Cal Date:	Apr 18, 2022



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C6+ Gas Analysis Report

10410G	3300250034	SD 23 Chk	
Sample Point Code	Sample Point Name	Sample Point Location	
Laboratory Services	2022057079	2037	R Hernandez - Spot
Source Laboratory	Lab File No	Container Identity	Sampler
USA	USA	USA	New Mexico
District	Area Name	Field Name	Facility Name
Aug 12, 2022 12:15	Aug 12, 2022 12:15	Aug 15, 2022 12:01	Aug 16, 2022
Date Sampled	Date Effective	Date Received	Date Reported
88.00	11,630.00	Torrance	84 @ 109
Ambient Temp (°F)	Flow Rate (Mcf)	Analyst	Press PSI @ Temp °F Source Conditions
Chevron Usa, Inc.	NG		
Operator	Lab Source Description		

Component	Normalized Mol %	Un-Normalized Mol %	GPM
H2S (H2S)	0.0000	0	
Nitrogen (N2)	1.0050	1.00535	
CO2 (CO2)	1.3760	1.37599	
Methane (C1)	72.2280	72.228	
Ethane (C2)	12.8290	12.82901	3.4300
Propane (C3)	7.1350	7.13525	1.9650
I-Butane (IC4)	0.9490	0.94934	0.3100
N-Butane (NC4)	2.4160	2.41607	0.7610
I-Pentane (IC5)	0.4990	0.4987	0.1820
N-Pentane (NC5)	0.6260	0.62571	0.2270
Hexanes Plus (C6+)	0.9370	0.93657	0.4060
TOTAL	100.0000	100.0000	7.2810

Gross Heating Values (Real, BTU/ft³)			
14.696 PSI @ 60.00 Å°F		14.73 PSI @ 60.00 Å°F	
Dry	Saturated	Dry	Saturated
1,343.6	1,321.6	1,346.7	1,324.7

Calculated Total Sample Properties	
GPA2145-16 *Calculated at Contract Conditions	
Relative Density Real	Relative Density Ideal
0.8013	0.7981
Molecular Weight	
23.1187	

C6+ Group Properties		
Assumed Composition		
C6 - 60.000%	C7 - 30.000%	C8 - 10.000%

Field H2S 0 PPM

PROTREND STATUS: Passed By Validator on Aug 17, 2022
DATA SOURCE: Imported

PASSED BY VALIDATOR REASON: Close enough to be considered reasonable.

VALIDATOR: Luis Cano
VALIDATOR COMMENTS: ok

Method(s): Gas C6+ - GPA 2261, Extended Gas - GPA 2286, Calculations - GPA 2172

Analyzer Information			
Device Type:	Gas Chromatograph	Device Make:	Shimadzu
Device Model:	GC-2014	Last Cal Date:	Jul 18, 2022