Form 3160-3
(October 2024)

FORM APPROVED
OMB No. 1004-0137
Expires: October 31, 2027

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

5. Lease Serial No.

6. If Indian, Allotee or Tribe Name

1a. Type of work: ☐ DRILL ☐ REENTER

1b. Type of Well: ☐ Oil Well ☐ Gas Well ☐ Other

1c. Type of Completion: ☐ Hydraulic Fracturing ☐ Single Zone ☐ Multiple Zone

7. If Unit or CA Agreement, Name and No.

8. Lease Name and Well No.

2. Name of Operator

9. API Well No.
30-045-38495

3a. Address	3b. Phone No. *(include area code)*	10. Field and Pool, or Exploratory

4. Location of Well *(Report location clearly and in accordance with any State requirements.*)*

At surface

At proposed prod. zone

11. Sec., T. R. M. or Blk. and Survey or Area

14. Distance in miles and direction from nearest town or post office*	12. County or Parish	13. State

15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any)	16. No of acres in lease	17. Spacing Unit dedicated to this well

18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft.	19. Proposed Depth	20. BLM/BIA Bond No. in file

21. Elevations (Show whether DF, KDB, RT, GL, etc.)	22. Approximate date work will start*	23. Estimated duration

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, and the Hydraulic Fracturing rule per 43 CFR 3162.3-3 (as applicable)

1. Well plat certified by a registered surveyor.
2. A Drilling Plan.
3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO must be filed with the appropriate Forest Service Office).
4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
5. Operator certification.
6. Such other site specific information and/or plans as may be requested by the BLM.

25. Signature	Name *(Printed/Typed)*	Date

Title

Approved by *(Signature)*	Name *(Printed/Typed)*	Date

Title	Office

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.
Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

APPROVED WITH CONDITIONS

(Continued on page 2)

*(Instructions on page 2)

Approval Date: 09/19/2025

Additional Operator Remarks

Location of Well

0. SHL: NESW / 2358 FSL / 1912 FWL / TWSP: 25N / RANGE: 12W / SECTION: 22 / LAT: 36.3859008 / LONG: -108.1013488 (TVD: 0 feet, MD: 0 feet)

PPP: SENW / 2405 FNL / 2190 FWL / TWSP: 25N / RANGE: 12W / SECTION: 22 / LAT: 36.3873104 / LONG: -108.1004058 (TVD: 4851 feet, MD: 5289 feet)

PPP: NESW / 0 FNL / 0 FWL / TWSP: 25N / RANGE: 12W / SECTION: 22 / LAT: 36.3861718 / LONG: -108.0988853 (TVD: 4851 feet, MD: 12970 feet)

PPP: SENW / 0 FNL / 0 FWL / TWSP: 25N / RANGE: 12W / SECTION: 22 / LAT: 36.3866697 / LONG: -108.0995502 (TVD: 4851 feet, MD: 12970 feet)

PPP: NWSE / 0 FNL / 0 FWL / TWSP: 25N / RANGE: 12W / SECTION: 23 / LAT: 36.3794473 / LONG: -108.0899073 (TVD: 4851 feet, MD: 12970 feet)

PPP: SWSW / 0 FNL / 0 FWL / TWSP: 25N / RANGE: 12W / SECTION: 23 / LAT: 36.3794232 / LONG: -108.089875 (TVD: 4851 feet, MD: 12970 feet)

BHL: SENW / 2305 FNL / 2498 FWL / TWSP: 25N / RANGE: 12W / SECTION: 26 / LAT: 36.3730905 / LONG: -108.0814224 (TVD: 4851 feet, MD: 12970 feet)

BLM Point of Contact

Name: CHRISTOPHER P WENMAN
Title: Natural Resource Specialist
Phone: (505) 564-7727
Email: cwenman@blm.gov

C-102 Submit Electronically Via OCD Permitting	State of New Mexico Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION	Revised July 9, 2024 Submittal Type: ☐ Initial Submittal ☒ Amended Report ☐ As Drilled

WELL LOCATION INFORMATION

API Number	Pool Code	Pool Name
30-045-38495	5890	BISTI LOWER-GALLUP (O)

Property Code	Property Name	Well Number
320279	CARSON UNIT	606H

OGRID No.	Operator Name	Ground Level Elevation
371838	DJR OPERATING, LLC	6354'

Surface Owner: ☐ State ☐ Fee ☒ Tribal ☐ Federal

Mineral Owner: ☒ State ☐ Fee ☒ Tribal ☒ Federal

Surface Location (SHL)

UL	Section	Township	Range	Lot	Ft from the N/S	Ft from the E/W	Latitude	Longitude	County
K	22	25N	12W		2359' SOUTH	1912' WEST	36.385901° N	108.101350° W	SAN JUAN

Bottom Hole Location (BHL)

UL	Section	Township	Range	Lot	Ft from the N/S	Ft from the E/W	Latitude	Longitude	County
P	36	25N	12W		884' SOUTH	220' EAST	36.352846° N	108.054811° W	SAN JUAN

Dedicated Acres	Infill or Defining Well	Defining Well API	Overlapping Spacing Unit (Y/N)	Consolidation Code
PENETRATED SPACING UNIT; SEC 22: SE/NW, NE/SW, NW/SE, SW/SE & SE/SE (200 AC.); SEC 27: NE/NE (40 AC.); SEC 23: SW/SW (40 AC.); SEC 26: NW/4 & SE/4 (320 AC.); SEC 35: NE/NE (40 AC.); SEC 25: SW/SW (40 AC.); SEC 36: NW/4, NE/SW, SW/NE, NW/SE, NE/SE & SE/SE (360 AC.) = 1040 ACRES			N	UNIT

Order Numbers: R-828A R-828

Well Setbacks are under Common Ownership: ☐ Yes ☐ No

Kick Off Point (KOP)

UL	Section	Township	Range	Lot	Ft from the N/S	Ft from the E/W	Latitude	Longitude	County
K	22	25N	12W		2359' SOUTH	1912' WEST	36.385901° N	108.101350° W	SAN JUAN

First Take Point (FTP)

UL	Section	Township	Range	Lot	Ft from the N/S	Ft from the E/W	Latitude	Longitude	County
K	22	25N	12W		2413' SOUTH	2121' WEST	36.386046° N	108.100641° W	SAN JUAN

Last Take Point (LTP)

UL	Section	Township	Range	Lot	Ft from the N/S	Ft from the E/W	Latitude	Longitude	County
P	36	25N	12W		884' SOUTH	220' EAST	36.352846° N	108.054811° W	SAN JUAN

Unitized Area or Area of Uniform Interest	Spacing Unit Type ☒ Horizontal ☐ Vertical	Ground Floor Elevation
CARSON		

OPERATOR CERTIFICATIONS

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, ***and, if the well is a vertical or directional well, that this organization either owns a working interest or unleased mineral interest*** *in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of a working interest or unleased mineral interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.*

If this well is a horizontal well, I further certify that this organization has received the consent of at least one lessee or owner of a working interest or unleased mineral interest in each tract (in the target pool or formation) in which any part of the well's completed interval will be located or obtained a compulsory pooling order from the division.

Shaw-Marie Ford — 9/29/2025

Signature — Date

Shaw-Marie Ford

Printed Name

sford@enduringresources.com

E-mail Address

SURVEYOR CERTIFICATIONS

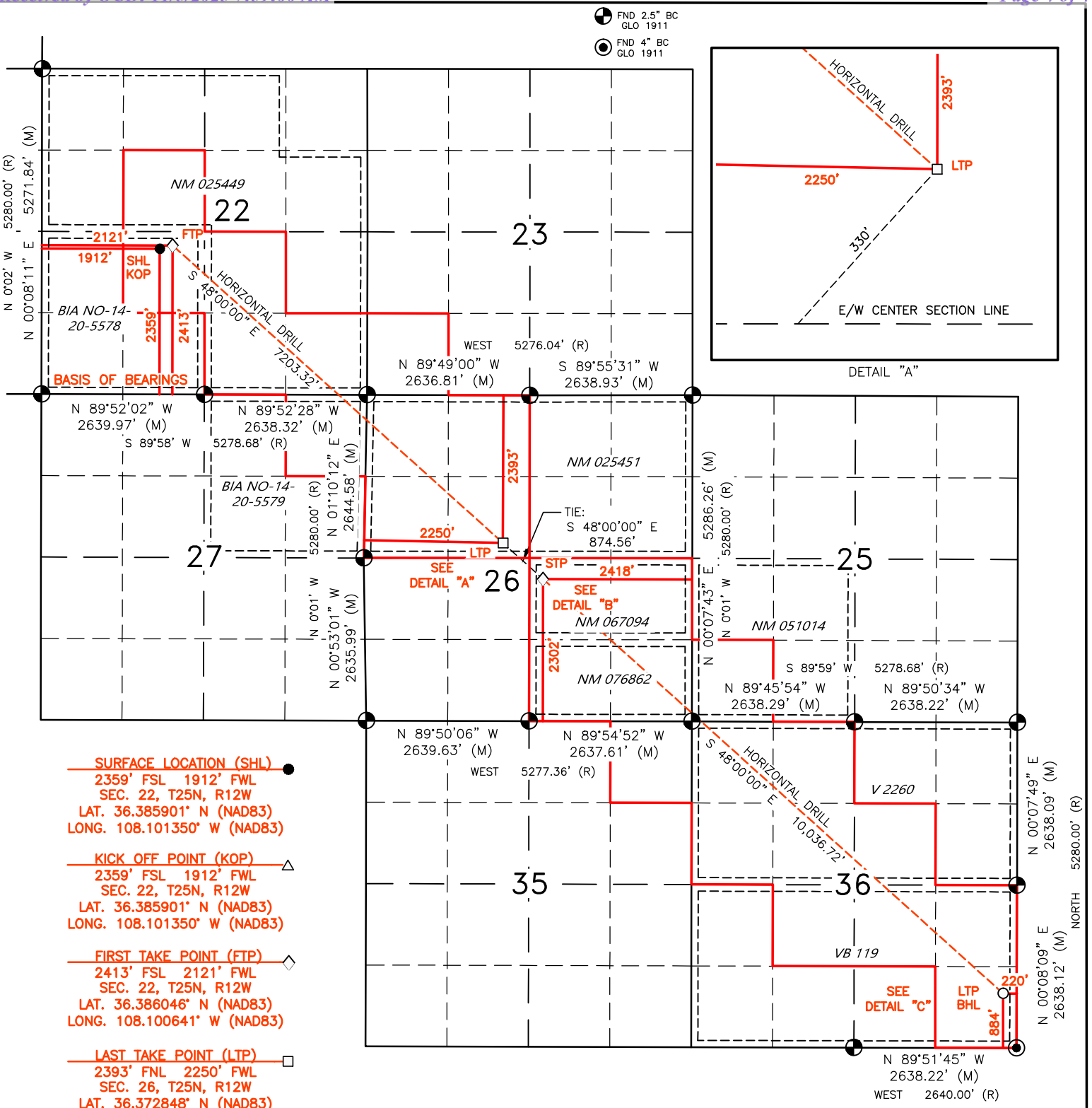
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

HENRY P. BROADHURST JR. NEW MEXICO 11393 PROFESSIONAL SURVEYOR 09/29/2025

Signature and Seal of Professional Surveyor:

Certificate Number	Date of Survey
11393	SEPTEMBER 26, 2025

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



SURFACE LOCATION (SHL)
2359' FSL 1912' FWL
SEC. 22, T25N, R12W
LAT. 36.385901° N (NAD83)
LONG. 108.101350° W (NAD83)

KICK OFF POINT (KOP)
2359' FSL 1912' FWL
SEC. 22, T25N, R12W
LAT. 36.385901° N (NAD83)
LONG. 108.101350° W (NAD83)

FIRST TAKE POINT (FTP)
2413' FSL 2121' FWL
SEC. 22, T25N, R12W
LAT. 36.386046° N (NAD83)
LONG. 108.100641° W (NAD83)

LAST TAKE POINT (LTP)
2393' FNL 2250' FWL
SEC. 26, T25N, R12W
LAT. 36.372848° N (NAD83)
LONG. 108.082412° W (NAD83)

SECOND TAKE POINT (STP)
2302' FSL 2418' FEL
SEC. 26, T25N, R12W
LAT. 36.371245° N (NAD83)
LONG. 108.080199° W (NAD83)

LAST TAKE POINT (LTP)
884' FSL 220' FEL
SEC. 36, T25N, R12W
LAT. 36.352846° N (NAD83)
LONG. 108.054811° W (NAD83)

BOTTOM HOLE LOCATION (BHL)
884' FSL 220' FEL
SEC. 36, T25N, R12W
LAT. 36.352846° N (NAD83)
LONG. 108.054811° W (NAD83)

State of New Mexico
Energy, Minerals and Natural Resources Department

Submit Electronically
Via E-permitting

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

NATURAL GAS MANAGEMENT PLAN

This Natural Gas Management Plan must be submitted with each Application for Permit to Drill (APD) for a new or recompleted well.

Section 1 – Plan Description
Effective May 25, 2021

I. Operator: __DJR Operating, LLC_____ **OGRID:** __371838_____ **Date:** _12_/_16_/_2024_

II. Type: ☒ Original ☐ Amendment due to ☐ 19.15.27.9.D(6)(a) NMAC ☐ 19.15.27.9.D(6)(b) NMAC ☐ Other.

If Other, please describe: _____

III. Well(s): Provide the following information for each new or recompleted well or set of wells proposed to be drilled or proposed to be recompleted from a single well pad or connected to a central delivery point.

Well Name	API	ULSTR	Footages	Anticipated Oil BBL/D	Anticipated Gas MCF/D	Anticipated Produced Water BBL/D
Carson Unit 606H	TBD	K-22-25N-12W	2358 FSL x 1912 FWL	850	1701	166
Carson Unit 610H	TBD	K-22-25N-12W	2358 FSL x 1852 FWL	850	1701	166
Carson Unit 627H	TBD	K-22-25N-12W	2358 FSL x 1872 FWL	850	1701	166
Carson Unit 631H	TBD	K-22-25N-12W	2358 FSL x 1892 FWL	850	1701	166
				3-year Decline	3-year Decline	3-year Decline
Carson Unit 606H	TBD	K-22-25N-12W	2358 FSL x 1912 FWL	192	384	38
Carson Unit 610H	TBD	K-22-25N-12W	2358 FSL x 1852 FWL	192	384	38
Carson Unit 627H	TBD	K-22-25N-12W	2358 FSL x 1872 FWL	192	384	38
Carson Unit 631H	TBD	K-22-25N-12W	2358 FSL x 1892 FWL	192	384	38

IV. Central Delivery Point Name: _____Chaco Processing Plant_____ [See 19.15.27.9(D)(1) NMAC]

V. Anticipated Schedule: Provide the following information for each new or recompleted well or set of wells proposed to be drilled or proposed to be recompleted from a single well pad or connected to a central delivery point.

Well Name	API	Spud Date	TD Reached Date	Completion Commencement Date	Initial Flow Back Date	First Production Date
Carson Unit 606H	TBD	Q3 2025	Q3 2025	Q3 2025	Q3 2025	Q3 2025
Carson Unit 610H	TBD	Q3 2025	Q3 2025	Q3 2025	Q3 2025	Q3 2025
Carson Unit 627H	TBD	Q3 2025	Q3 2025	Q3 2025	Q3 2025	Q3 2025
Carson Unit 631H	TBD	Q3 2025	Q3 2025	Q3 2025	Q3 2025	Q3 2025

VI. Separation Equipment: ☒ Attach a complete description of how Operator will size separation equipment to optimize gas capture.

VII. Operational Practices: ☒ Attach a complete description of the actions Operator will take to comply with the requirements of Subsection A through F of 19.15.27.8 NMAC.

VIII. Best Management Practices: ☒ Attach a complete description of Operator's best management practices to minimize venting during active and planned maintenance.

Section 2 – Enhanced Plan

EFFECTIVE APRIL 1, 2022

Beginning April 1, 2022, an operator that is not in compliance with its statewide natural gas capture requirement for the applicable reporting area must complete this section.

☒ Operator certifies that it is not required to complete this section because Operator is in compliance with its statewide natural gas capture requirement for the applicable reporting area.

IX. Anticipated Natural Gas Production:

Well	API	Anticipated Average Natural Gas Rate MCF/D	Anticipated Volume of Natural Gas for the First Year MCF

X. Natural Gas Gathering System (NGGS):

Operator	System	ULSTR of Tie-in	Anticipated Gathering Start Date	Available Maximum Daily Capacity of System Segment Tie-in

XI. Map. ☐ Attach an accurate and legible map depicting the location of the well(s), the anticipated pipeline route(s) connecting the production operations to the existing or planned interconnect of the natural gas gathering system(s), and the maximum daily capacity of the segment or portion of the natural gas gathering system(s) to which the well(s) will be connected.

XII. Line Capacity. The natural gas gathering system ☐ will ☐ will not have capacity to gather 100% of the anticipated natural gas production volume from the well prior to the date of first production.

XIII. Line Pressure. Operator ☐ does ☐ does not anticipate that its existing well(s) connected to the same segment, or portion, of the natural gas gathering system(s) described above will continue to meet anticipated increases in line pressure caused by the new well(s).

☐ Attach Operator's plan to manage production in response to the increased line pressure.

XIV. Confidentiality: ☐ Operator asserts confidentiality pursuant to Section 71-2-8 NMSA 1978 for the information provided in Section 2 as provided in Paragraph (2) of Subsection D of 19.15.27.9 NMAC and attaches a full description of the specific information for which confidentiality is asserted and the basis for such assertion.

Section 3 - Certifications

Effective May 25, 2021

Operator certifies that, after reasonable inquiry and based on the available information at the time of submittal:

☒ Operator will be able to connect the well(s) to a natural gas gathering system in the general area with sufficient capacity to transport one hundred percent of the anticipated volume of natural gas produced from the well(s) commencing on the date of first production, taking into account the current and anticipated volumes of produced natural gas from other wells connected to the pipeline gathering system; or

☐ Operator will not be able to connect to a natural gas gathering system in the general area with sufficient capacity to transport one hundred percent of the anticipated volume of natural gas produced from the well(s) commencing on the date of first production, taking into account the current and anticipated volumes of produced natural gas from other wells connected to the pipeline gathering system. ***If Operator checks this box, Operator will select one of the following:***

Well Shut-In. ☐ Operator will shut-in and not produce the well until it submits the certification required by Paragraph (4) of Subsection D of 19.15.27.9 NMAC; or

Venting and Flaring Plan. ☐ Operator has attached a venting and flaring plan that evaluates and selects one or more of the potential alternative beneficial uses for the natural gas until a natural gas gathering system is available, including:

- **(a)** power generation on lease;
- **(b)** power generation for grid;
- **(c)** compression on lease;
- **(d)** liquids removal on lease;
- **(e)** reinjection for underground storage;
- **(f)** reinjection for temporary storage;
- **(g)** reinjection for enhanced oil recovery;
- **(h)** fuel cell production; and
- **(i)** other alternative beneficial uses approved by the division.

Section 4 - Notices

1. If, at any time after Operator submits this Natural Gas Management Plan and before the well is spud:

(a) Operator becomes aware that the natural gas gathering system it planned to connect the well(s) to has become unavailable or will not have capacity to transport one hundred percent of the production from the well(s), no later than 20 days after becoming aware of such information, Operator shall submit for OCD's approval a new or revised venting and flaring plan containing the information specified in Paragraph (5) of Subsection D of 19.15.27.9 NMAC; or

(b) Operator becomes aware that it has, cumulatively for the year, become out of compliance with its baseline natural gas capture rate or natural gas capture requirement, no later than 20 days after becoming aware of such information, Operator shall submit for OCD's approval a new or revised Natural Gas Management Plan for each well it plans to spud during the next 90 days containing the information specified in Paragraph (2) of Subsection D of 19.15.27.9 NMAC, and shall file an update for each Natural Gas Management Plan until Operator is back in compliance with its baseline natural gas capture rate or natural gas capture requirement.

2. OCD may deny or conditionally approve an APD if Operator does not make a certification, fails to submit an adequate venting and flaring plan which includes alternative beneficial uses for the anticipated volume of natural gas produced, or if OCD determines that Operator will not have adequate natural gas takeaway capacity at the time a well will be spud.

I certify that, after reasonable inquiry, the statements in and attached to this Natural Gas Management Plan are true and correct to the best of my knowledge and acknowledge that a false statement may be subject to civil and criminal penalties under the Oil and Gas Act.

Signature: Shaw-Marie Ford
Printed Name: Shaw-Marie Ford
Title: Regulatory Specialist
E-mail Address: sford@enduringresources.com
Date: 12/19/2024
Phone: 505-716-3297

OIL CONSERVATION DIVISION **(Only applicable when submitted as a standalone form)**
Approved By:
Title:
Approval Date:
Conditions of Approval:

DJR Operating, LLC

DJR OPERATING, LLC.
OGRID NO: 371838
NATURAL GAS MANAGEMENT PLAN
CARSON UNIT 606H, 610H, 627H and 631H

SEPARATION EQUIPMENT

DJR Operating, LLC (DJR) has pulled representative pressurized samples from wells in the same producing formation. DJR has utilized these samples in process simulations to determine the amount of gas anticipated in each stage of the process and utilized this information with a safety factor to size the equipment listed below:

Separation equipment will be set as follows:

- Individual 3 phase separator will be set for the individual well.
- The separator will be sized based on the anticipated volume of the well and the pressure of the lines utilized for oil, gas, and water takeaway.
- The 3 phase production separator will be equipped with a 0.75 MMBtu/hr indirect fired heater.

Heater treaters will be set as follows:

- Individual heater treaters will be set for the individual well.
- The heater treaters are sized based on the anticipated combined volume of oil and produced water predicted to come from the initial 3 phase separator.
- Oil will be separated from the produced water and the oil/produced water will be sent to its respective tanks.
- The combined oil and natural gas stream is routed to the Vapor Recovery Tower.

Vapor Recovery Equipment will be set as follows:

- The Vapor Recovery Tower has been sized, based on the anticipated volume of gas from the heater treater and oil and water tanks.
- The Vapor Recovery Unit has been sized, based on the anticipated volume of gas from the heater treater and oil and water tanks. The Vapor Recovery Unit is utilized to push the recovered gas into the sales pipeline.

Production storage tanks will be set as follows:

- The oil and produced water tanks utilize a closed vent capture system to ensure all breathing, working, and flashing losses are routed to the Vapor Recovery Tower and Vapor Recovery Unit.
- Each of the production storage tanks will be equipped with a 0.5 MMBtu/hr indirect heater.

DJR OPERATING, LLC.
OGRID NO: 371838
NATURAL GAS MANAGEMENT PLAN
CARSON UNIT 606H, 610H, 627H and 631H

VENTING and FLARING

DJR Operating, LLC (DJR) has a natural gas system available prior to startup of completion operations. DJR utilizes a Vapor Recovery Unit System and sells all natural gas except during periods of startup, shutdown, maintenance, or malfunction for the gas capturing equipment, including the vapor recovery tower, vapor recovery unit, storage tanks, and pipelines.

Currently, DJR utilizes the following from list A-I of Section 3 for its operations to minimize flaring:

a) DJR utilizes natural gas-powered generators to power its leases where grid power isn't available.
b) When electrical grid power is unavailable, natural gas generators will be used for major equipment onsite.
c) DJR's in service compression will be natural gas powered.
d) Should liquids removal, such as dehydration be required, units will be powered by natural gas.

DJR will only flare gas during the following times:

- Scheduled maintenance for gas capturing equipment including:
  - Vapor Recovery Tower
  - Vapor Recovery Unit
  - Storage tanks
  - Pipelines
  - Emergency flaring

DJR OPERATING, LLC.
OGRID NO: 371838
NATURAL GAS MANAGEMENT PLAN
CARSON UNIT 606H, 610H, 627H and 631H

OPERATIONAL PRACTICES

19.15.27.8 A. Venting and Flaring of Natural Gas

DJR Operating, LLC (DJR) understands the requirements of NMAC 19.15.27.8 which states that the venting and flaring of natural gas during drilling, completion or production that constitutes waste as defined in 19.15.2 are prohibited.

19.15.27.8 B. Venting and flaring during drilling operations

- DJR shall capture or combust natural gas if technically feasible during drilling operations using best industry practices.
- A flare stack with a 100% capacity for expected volumes will be set on location of the facility at least 100 feet from the nearest surface hole location, well heads, and storage tanks.
- In the event of an emergency, DJR will vent natural gas in order to avoid substantial impact. DJR shall report the vented or flared gas to the NMOCD.

19.15.27.8 E. Venting and flaring during completion or recompletion operations

During Completion Operations, DJR utilizes the following:

- DJR facilities are built and ready from day 1 of Flowback.
- Individual well test separators will be set to properly separate gas and liquids. Temporary test separator will be utilized initially to process volumes. In addition, separators will be tied into flowback tanks which will be tied into the gas processing equipment for sales down a pipeline. See Separation Equipment for details.
- Should the facility not yet be capable of processing gas, or the gas does not meet quality standards, then storage tanks will be set that are tied into gas busters or temporary flare to manage natural gas. This flare would meet the following requirements:
    1) An appropriately sized flare stack with an automatic igniter.
    2) DJR analyzes the natural gas samples twice per week.
    3) DJR routes the natural gas into a gathering pipeline as soon as the pipeline specifications are met.
    4) DJR provides the NMOCD with pipeline specifications and natural gas data.

DJR Operating, LLC

19.15.27.8 D. Venting and flaring during production operations

During Production Operations DJR will not vent or flare natural gas except under the following circumstances:

1. During an emergency or malfunction
2. To unload or clean-up liquid holdup in a well to atmospheric pressure, provided:
    a. DJR does not vent after the well achieves a stabilized rate and pressure.
    b. DJR will remain present on-site during liquids unloading by manual purging and tall all reasonable actions to achieve a stabilized rate and pressure at the earliest practical time.
    c. DJR will optimize the system to minimize natural gas venting on any well equipped with a plunger lift or auto control system.
    d. Best Management Practices will be used during downhole well maintenance.
3. During the first year of production from an exploratory well provided:
    a. DJR receives approval from the NMOCD.
    b. DJR remains in compliance with the NM gas capture requirements.
    c. DJR submits an updated C-129 form to the NMOCD.
4. During the following activities unless prohibited:
    a. Gauging or sampling a storage tank or low-pressure production vessel.
    b. Loading out liquids from a storage tank.
    c. Repair and maintenance.
    d. Normal operation of gas activated pneumatic controller or pump.
    e. Normal operation of a storage tank but not including venting from a thief hatch.
    f. Normal operation of dehydration units.
    g. Normal operations of compressors, compressor engines, turbines, valves, flanges, and connectors.
    h. During a bradenhead, packer leakage test, or production test lasting less than 24-hours.
    i. When natural gas does not meet the gathering pipeline specifications.
    j. Commissioning of pipelines, equipment, or facilities only for as long as necessary to purge introduced impurities.

19.15.27.8 E. Performance standards

1. DJR has utilized process simulations with a safety factor to design all separation and storage equipment. The equipment is routed to a Vapor Recovery System and utilizes a flare as back up for periods of startup, shutdown, maintenance, or malfunction of the VRU System.
2. DJR will install a flare that designed to handle the full volume of vapors from the facility in case of the VRU failure and it its designed with an auto ignition system.
3. Flare stacks will appropriately sized and designed to ensure proper combustion efficiency.
    a. Flare stacks installed or replaced will be equipped with an automatic ignitor or continuous pilot.

b. Previously installed flare stacks will be retrofitted with an automatic ignitor, continuous pilot, or technology that alerts DJR of flare malfunction within 18 months after May 25, 2021.
c. Flare stacks replaced after May 25, 2021, will be equipped with an automatic ignitor or continuous pilot if located at a well or facility with average daily production of 60,000 cubic feet of natural gas or less.
d. Flare stacks will be located at least 100 feet from the well and storage tanks and securely anchored.

4. DJR will conduct an AVO inspection on all components for leaks and defects on a weekly basis.
5. DJR will make and keep records of AVO inspections which will be available to the NMOCD for at least 5 years.
6. DJR may use a remote or automated monitoring technology to detect leaks and releases in lieu of AVO inspections with prior NMOCD approval.
7. Facilities will be designed to minimize waste.
8. DJR will resolve emergencies as promptly as possible.

19.15.27.8 F. Measurement or estimation of vented and flared natural gas

1. DJR will have meters on both the low- and high-pressure sides of the flares and the volumes will be recorded in DJR's SCADA system.
2. DJR will install equipment to measure the volume of flared natural gas that has an average daily production of 60,000 cubic feet or greater of natural gas.
3. DJR's measuring equipment will conform to the industry standards.
4. The measurement system is designed such that it cannot be bypassed except for inspections and servicing meters.
5. DJR will estimate the volume of vented or flared natural gas using a methodology that can be independently verified if metering is not practicable due to low flow rate or pressure.
6. DJR will estimate the volume of flared and vented natural gas based on the results of an annual GOR test for wells that do not require measuring equipment reported on Form C-116.
7. DJR will install measuring equipment whenever the NMOCD determines that metering is necessary.

DJR OPERATING, LLC.
OGRID NO: 371838
NATURAL GAS MANAGEMENT PLAN
CARSON UNIT 606H, 610H, 627H and 631H

BEST MANAGEMENT PRACTICES

DJR Operating, LLC (DJR) utilizes the following Best Management Practices to minimize venting during active and planned maintenance.

DJR has a closed vent capture system to route emissions from the heater treater, tanks, and vapor recovery to the vapor recovery unit with an enclosed combustion device (ECD) for backup. The system is designed such that if the vapor recovery unit is taken out of service for any reason, the vapors will be routed to the ECD for combustion.

DJR will isolate and attempt to route all vapors to the vapor recovery unit or ECD prior to opening any lines for maintenance to minimize venting from the equipment.

DJR shall notify the NMOCD of venting or flaring that exceeds 50 MCF but less than 500 MCF in volume that either resulted from an emergency or malfunction, or an event lasting over eight hours or more cumulatively within any 24-hour period from a single event by filing a form C-129 no later than 15 days following the discovery or commencement of venting or flaring.

DJR shall notify the NMOCD verbally or by e-mail within 24-hours following discovery or commencement of venting or flaring that exceeds 500 MCF in volume or otherwise qualifies as a major release as defined in 19.15.29.7 NMAC from a single event and provide the information required in form C-129 to the NMOCD no later than 15 days that verifies, updates, or corrects the verbal or e-mail notification.

DJR will install measuring equipment to conform to industry standards such as American Petroleum Institute (API) Manual of Petroleum Measurement Standards (MPMS) Chapter 14.10 Measurement of Flow to Flares.

DJRs measuring equipment shall not be designed or equipped with a manifold that allows the diversion of natural gas around the metering element except for the sole purpose of inspecting and servicing the measurement equipment.

DJR shall report the volume of vented and flared natural gas for each well or facility at which venting or flaring occurred on a monthly basis.

Rev 0

DJR Operating

DRILLING PLAN
Carson Unit #606H
San Juan County, New Mexico

Surface Location
1912-ft FWL & 2358-ft FSL
Sec 22 T25N R12W
Graded Elevation 6354' MSL
RKB Elevation 6368' (14' KB)

SHL Geographical Coordinates (NAD-83)
Latitude 36.3859008° N
Longitude 108.1013488° W

Kick Off Point for Horizontal Build Curve
4195-ft MD
4076-ft TVD

Local Coordinates (from SHL)
856-ft North
258-ft West

Heel Location (Pay zone entry)
2190-ft FWL & 2405-ft FNL
Sec 22 T25 R12

Heel Geographical Coordinates (NAD-83)
Latitude 36.38731036° N
Longitude 108.10040575° W

Last Take Point (LTP)
2007-ft FWL & 1850-ft FNL
Sec 26 T25 R12

LTP Geographical Coordinates (NAD-83)
Latitude 36.37434199° N
Longitude 108.08309260° W

Bottom Hole Location (TD)
2498-ft FWL & 2305-ft FNL
Sec 26 T25 R12

BHL Geographical Coordinates (NAD-83)
Latitude 36.3730905° N
Longitude 108.0814224° W

Well objectives
This well is planned as a 7620-ft lateral in the Gallup C sand.

Bottom Hole temperature and pressure
The temperature in the Gallup C horizontal objective is 134°F. Bottom hole pressure in the Gallup C is forecast to be 1985 psi.

Formation Tops (Sd = Sand; Sh = Shale; Siltstone = Slt, Coal = C; W = water; O = oil; G = gas; NP = no penetration)

Name	MD (ft)	TVD (ft)	Lithology	Pore fluid	Expected Pore Pressure (ppg)	Planned Mud Weight (ppg)
Ojo Alamo	269	269	Sd	W	8.3	8.4 – 8.8
Kirtland	392	392	Sh	-	8.3	8.4 – 8.8
Fruitland	903	902	C	G	8.3	9.0 - 9.5
Pictured Cliffs	1179	1173	Sd	W	8.3	9.0 - 9.5
Lewis	1332	1321	Sh	-		9.0 - 9.5
Chacra	1961	1926	Sd	-	8.3	9.0 - 9.5
Menefee	2640	2580	Sd, C	G	8.3	9.0 - 9.5
Point Lookout	3699	3599	Sd	-	8.3	9.0 - 9.5
Mancos	3877	3770	Sh	-		9.0 - 9.5
Mancos Silt	4211	4092	Slt	O/G	6.6	9.0 - 9.5
Gallup A	4781	4622	Slt	O/G	6.6	9.0 - 9.5
Gallup B	4864	4682	Sd	O/G	6.6	8.8 -9.0
Gallup C	5028	4777	Sd	O/G	6.6	8.8 -9.0
Target	5353	4854	Sd	O/G	6.6	8.8 -9.0

DJR Operating

Casing Program

Casing OD	Hole Size	Weight (#/ft)	Grade	Coupling	MD Top	MD Bottom	TVD Top	TVD Bottom	Top of Cement
9-5/8"	12-1/4"	36	K-55	STC	surf	380	surf	380	surface
7"	8-3/4"	26	K-55	LTC	surf	5289	surf	4851	surface
4-1/2"	6-1/8"	11.6	P-110	BTC	5008	12970	4767	4766	5008

Note: all casing will be new

Casing Design Load Cases

	Description	Casing String 9-5/8" Surface	7" Intermediate	4-1/2" Production Liner
Collapse	Full internal evacuation[1]	✓	✓	✓
	Cementing	✓	✓	✓
Burst	Pressure test	✓[2]	✓[2]	✓
	Gas kick		✓[3]	
	Fracture at shoe, 1/3 BHP at surface		✓[4]	
	Injection down casing			✓[5]
Axial	Dynamic load on casing coupling[6]	✓	✓	✓
Axial	Overpull[7]	✓	✓	✓

Note #

1 Fluid level at shoe, air column to surface, pore pressure outside
2 Tested to 80% of minimum internal yield with freshwater inside, pore pressure outside
3 50 bbl kick at TD, 0.50 ppg intensity, 4" drill pipe, 9.0 ppg mud, fracture gradient at shoe
4 2060 psi BHP, 687 psi surface pressure, 12.5 ppg EMW shoe integrity
5 Surface stimulation pressure of 8000 psi on 8.3 ppg fluid column. Stimulation will be down frac string, so load does not apply to 7" intermediate casing.
6 Shock load from abrupt pipe deceleration, evaluated against coupling rating
7 Overpull values as follows: Surface casing 20,000 lbs, Intermediate & Production 100,000 lbs

Casing Design Factors

Casing string	Casing OD	Design Factors Burst	Collapse	Axial	Triaxial
Surface	9-5/8"	1.25	13.38	8.16	1.56
Intermediate	7"	1.25	1.50	1.68	1.34
Production liner	4-1/2"	1.37	3.68	1.88	1.69

Cement Design

9-5/8" Surface Casing	Lead
Name	Redi-Mix
Type	I-II
Planned top	Surface
Density (ppg)	14.50
Yield (cf/sx)	1.61
Mix water (gal/sx)	7.41
Volume (sx)	114
Volume (bbls)	33
Volume (cu. ft.)	185
Excess %	50

7" Intermediate Casing	Lead	Tail

	American Cementing	American Cementing
Type	I/II	Poz/G
Planned top	Surface	3877-ft
Density (ppg)	12.30	13.50
Yield (cf/sx)	2.32	1.46
Mix water (gal/sx)	13.22	7.11
Volume (sx)	432	152
Volume (bbls)	179	39
Volume (cu.ft.)	1002	221
Excess %	78	0

4-1/2" Production Liner

	American Cementing
Type	Poz/G
Planned top	5008-ft
Density (ppg)	13.3
Yield (cf/sx)	1.52
Mix water (gal/sx)	7.53
Volume (sx)	688
Volume (bbls)	186
Volume (cu.ft)	1046
Excess %	40

Wellhead & Pressure Control
The well head will be an 11" 5M multi-bowl system. A 3M BOPE conforming to Onshore Order #2 will be installed on the surface casing. The BOP and accumulator will meet API 16D and 16E respectively.

A PVT mud monitoring system and a trip tank will be rigged up and operational for all hole intervals. An electronic geolograph will be employed to monitor and record drilling data (ROP, WOB, SPM, Pressure, RPM and torque).

Mud Program
Surface hole will be drilled with a fresh water, native mud system. In intermediate hole, a low weight 7% KCl LSND drilling fluid will be used, with KCl providing chemical stability for the young shales and clays present in the interval. In production hole a LSND system with polymer and lubricant additives is programmed. Sufficient drill water and mud additives will be on hand to maintain adequate pit volumes and maintain well control.

Hole Section	Fluid type	Interval (MD)	Density (ppg)	Funnel Viscosity	Yield Point	Fluid Loss (cc/30 min)
Surface	Fresh water spud mud	0 – 380	8.4 – 8.8	32 – 44	2 – 12	NC
Intermediate	7% KCl Low solids, non-dispersed	380 – 5289	9.0 – 9.5	38 – 45	8 – 14	<20
Production	Low solids, non-dispersed	5289 – 12970	8.8 – 9.2	34 – 38	6 – 8	6 – 8

Cores, tests and logs
Wellbore surveying: Drift (inclination only) surveys will be obtained in surface hole. MWD directional surveys will be taken in intermediate and production hole.

Logging while drilling: None in surface hole. MWD GR in intermediate and production hole.

Mud logging: a two-person mud logging unit with C1 – C4 gas analysis will be operational in intermediate and production hole.

Electric logging: No open hole electric logs are programmed. A cased hole GR/CCL will be run during completions for perforating depth control.

Fluids and Solids Control Program
Closed-Loop System
A fully, closed-loop system will be utilized. The system will consist of above-ground piping and above-ground storage tanks and bins. The system will not entail any earthen pits, below-grade storage, or drying pads. All equipment will be disassembled and removed from the site when drilling operations cease. The system will be capable of storing all fluids and generated cuttings and of preventing uncontrolled releases of the same. The system will be operated in an efficient manner to allow the recycling and reuse of as much fluid as possible and to minimize the amount of fluids and solids that require disposal.

Fluid Measurement
Pumps shall be equipped with stroke counters with displays in the dog-house. Slow pump speed shall be recorded daily and after mudding up, at a minimum, on the drilling report. A Pit Volume Totalizer will be installed and the readout will be displayed in the dog-house. Gas-detecting equipment will be installed at the shakers, and readouts will be available in the dog-house and the in the geologist's work-station (if geologist or mud-logger is on-site).

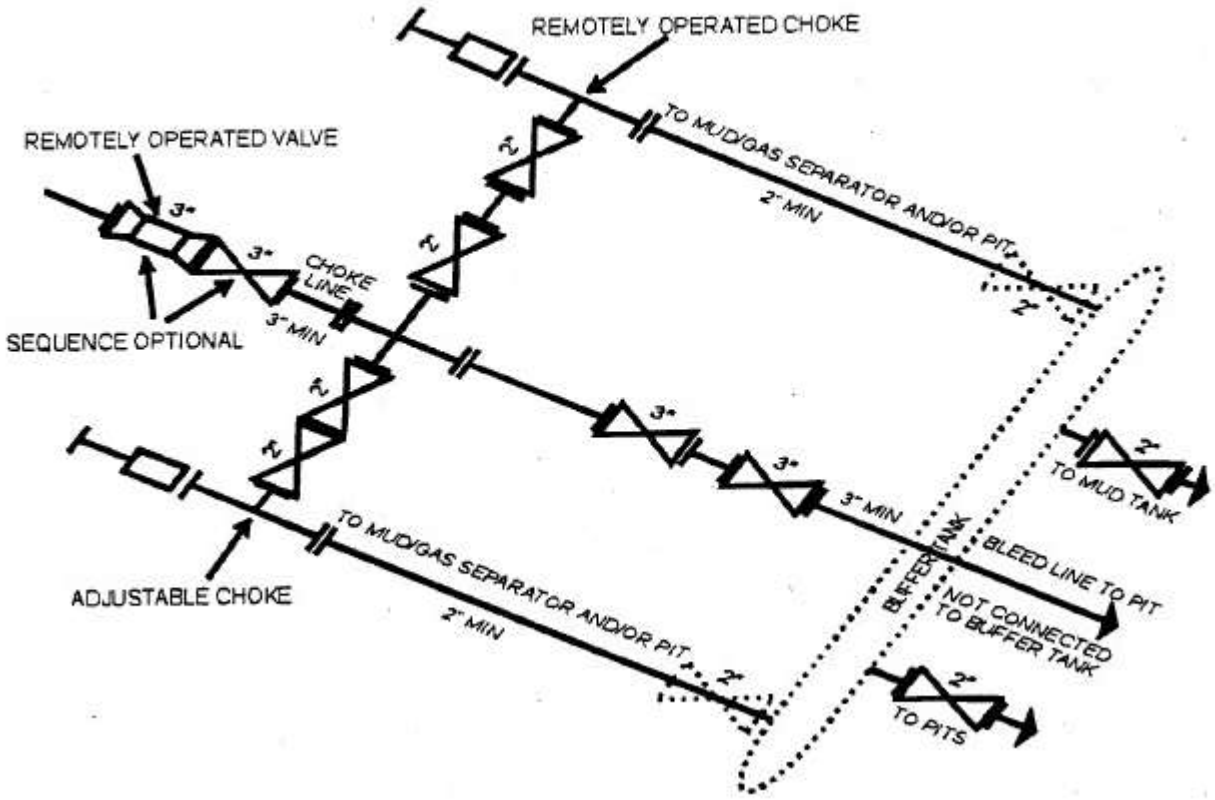
Fluid Disposal
Fluids that cannot be reused, recycled, or returned to the supplier will be hauled to and disposed of at an approved disposal site (Industrial Ecosystem, Inc. or Envirotech, Inc.).

Solid Disposal
Drilling solids will be stored (until haul-off) on-site in separate containers with no other waste, debris, or garbage products. Waste solids will be hauled to and disposed of at an approved disposal site (Industrial Ecosystem, Inc. or Envirotech, Inc.).

Completion
It is envisioned that this well will be completed with a multi-stage sand frac, using the plug and perf technique. After drilling out the plugs, the current plan is to install a 2-7/8” plunger-assisted gas lift tubing string. The stimulation and completion plan will be sundried at a later date.

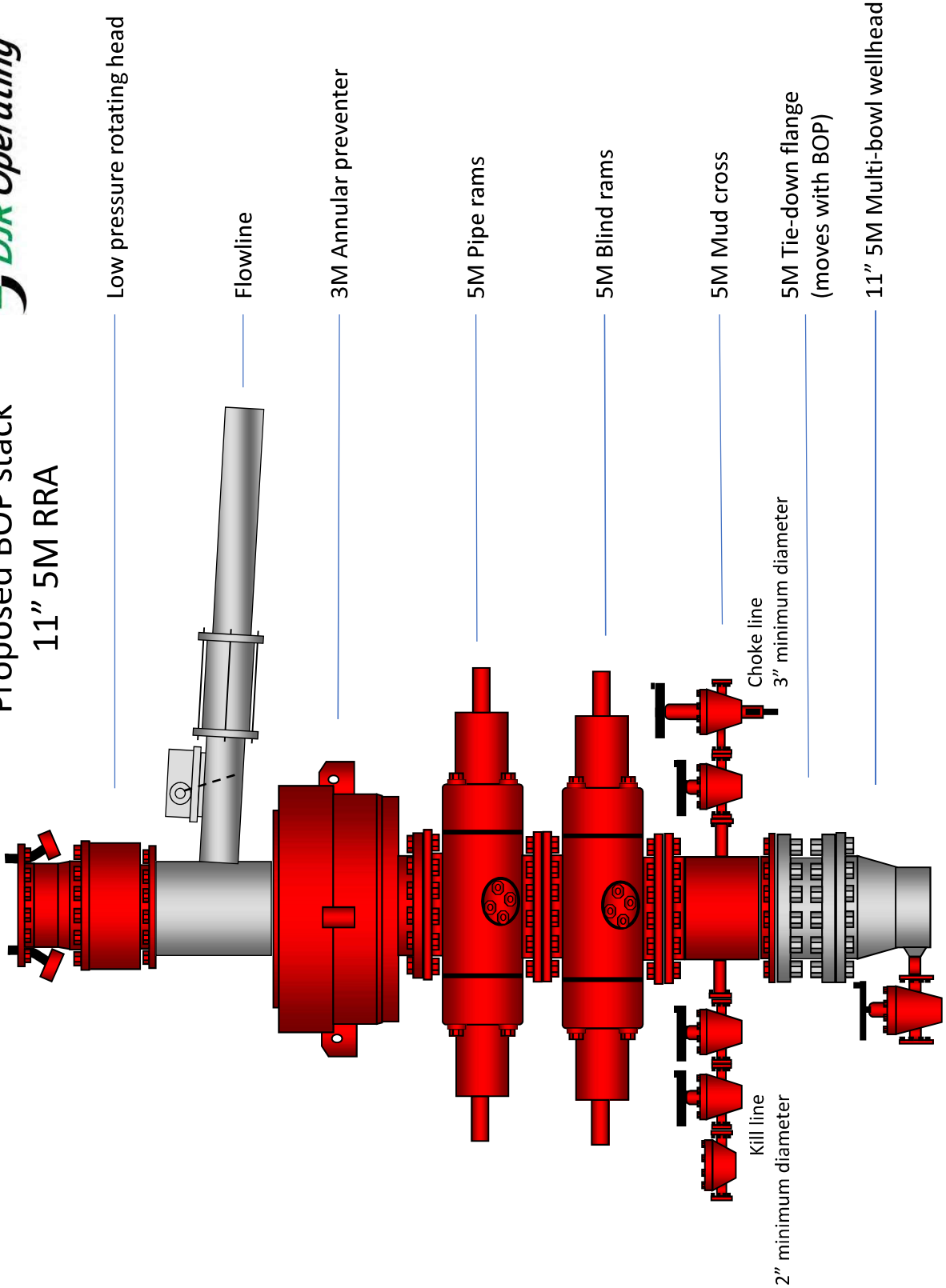
Choke Manifold

Actual system to conform with Onshore Order 2



DJR Operating

Proposed BOP stack
11” 5M RRA



DJR Operating

Company: DJR Operating
Project: Proposed Carson Unit
Site: WC 22-2 Pad
Well: # 606H
Wellbore: Original Drilling
Design: APD

PROJECT DETAILS: Proposed Carson Unit

Geodetic System: US State Plane 1983
Datum: North American Datum 1983
Ellipsoid: GRS 1980
Zone: New Mexico Western Zone
System Datum: Mean Sea Level
Local North: True

LONESTAR CONSULTING

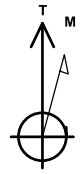
WELL DETAILS: # 606H

GL 6354' & RKB 14' @ 6368ft

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	
0	0	1959879.54	2644204.01	36.38590081	-108.10134882	4

Plan: APD (# 606H/Original Drilling)

Created By: Janie Collins Date: 23:01, March 21 2022



Azimuths to True North
Magnetic North: 8.95°

Magnetic Field
Strength: 49352.5nT
Dip Angle: 62.55°
Date: 7/27/2021
Model: IGRF2015

DESIGN TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
606H Heel	4854	513	278	1960391.89	2644483.01	36.38731036	108.10040575
606H Toe	4766	-4663	5866	1955200.50	2650057.18	36.37309059	108.08142240

SECTION DETAILS

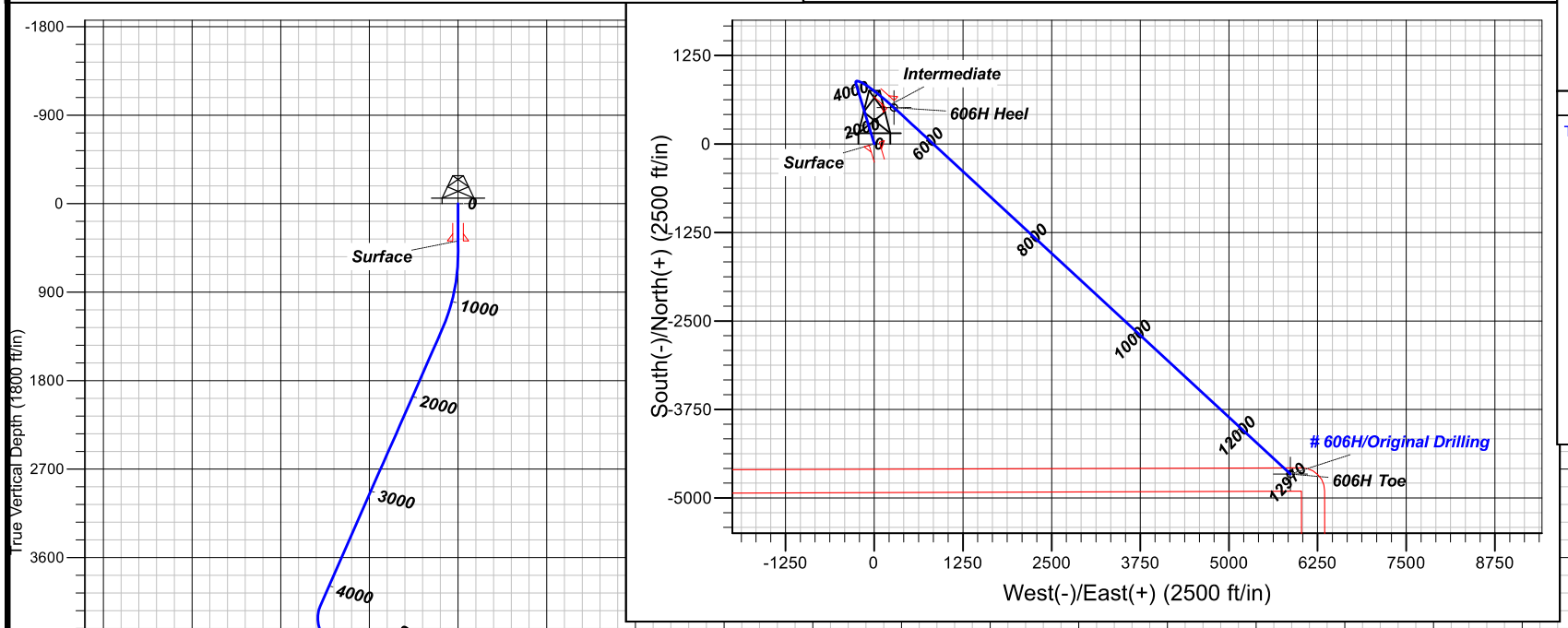
MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSect
0	0.00	0.00	0	0	0	0.00	0.00	0
515	0.00	0.00	515	0	0	0.00	0.00	0
1304	15.78	343.21	1294	103	-31	2.00	343.21	-89
4195	15.78	343.21	4076	856	-258	0.00	0.00	-735
5353	90.66	132.80	4854	513	278	9.00	148.53	-102
12970	90.66	132.80	4766	-4663	5866	0.00	0.00	7494

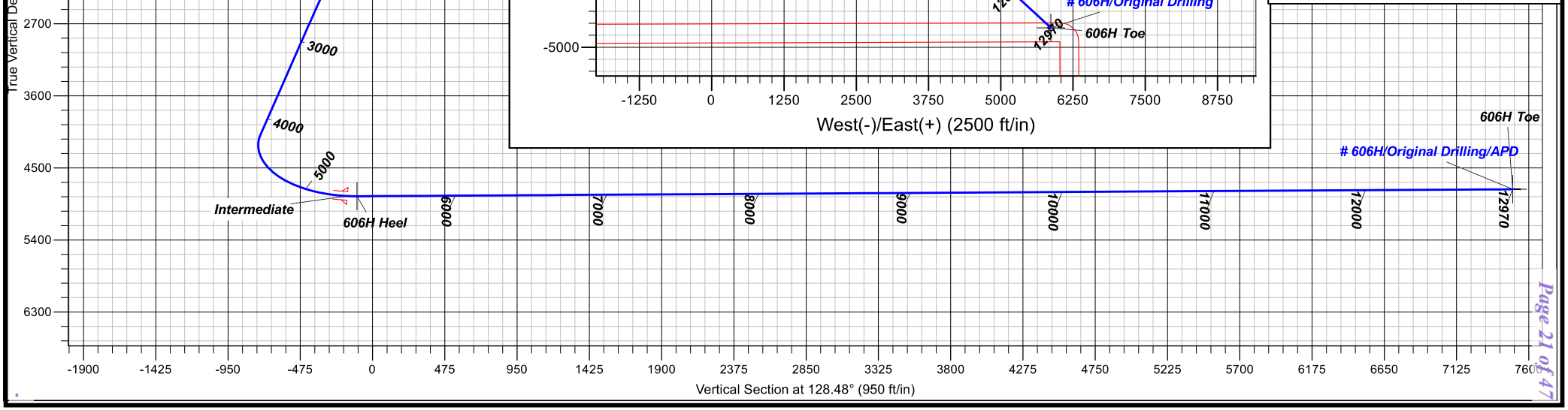
CASING DETAILS

TVD	MD	Name
380	380	Surface
4851	5289	Intermediate

FORMATION DETAILS

TVDPath	MDPath	Formation
269	269	Ojo Alamo
392	392	Kirtland
902	903	Fruitland
1173	1179	Pictured Cliffs
1321	1332	Lewis
1926	1961	Chacra
2580	2640	Menefee
3599	3699	Point Lookout
3770	3877	Mancos
4092	4211	Mancos Silt
4622	4781	Gallup A
4682	4864	Gallup B
4777	5028	Gallup C





DJR Operating

Proposed Carson Unit
WC 22-2 Pad
 # 606H - Slot 4

Original Drilling

Plan: APD

Standard Planning Report

21 March, 2022

DJR Operating

Lonestar Consulting, LLC
Planning Report

LONESTAR CONSULTING

Database:	Grand Junction	**Local Co-ordinate Reference:**	Well # 606H - Slot 4
Company:	DJR Operating	**TVD Reference:**	GL 6354' & RKB 14' @ 6368ft
Project:	Proposed Carson Unit	**MD Reference:**	GL 6354' & RKB 14' @ 6368ft
Site:	WC 22-2 Pad	**North Reference:**	True
Well:	# 606H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Original Drilling		
Design:	APD		

Project Proposed Carson Unit

Map System:	US State Plane 1983	**System Datum:**	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	New Mexico Western Zone		

Site WC 22-2 Pad

Site Position:		**Northing:**	1,959,879.47 usft	**Latitude:**	36.38590016
From:	Lat/Long	**Easting:**	2,644,143.98 usft	**Longitude:**	-108.10155276
Position Uncertainty:	0 ft	**Slot Radius:**	13.20 in		

Well # 606H - Slot 4

Well Position	**+N/-S**	0 ft	**Northing:**	1,959,879.54 usft	**Latitude:**	36.38590081
	+E/-W	0 ft	**Easting:**	2,644,204.01 usft	**Longitude:**	-108.10134882
Position Uncertainty		0 ft	**Wellhead Elevation:**	ft	**Ground Level:**	6354 ft
Grid Convergence:		-0.16 °				

Wellbore Original Drilling

Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2015	7/27/2021	8.95	62.93	49,352.57801928

Design APD

Audit Notes:

Version:		**Phase:**	PLAN	**Tie On Depth:**	0

Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)
	0	0	0	128.48

Plan Survey Tool Program **Date** 3/21/2022

	Depth From (ft)	Depth To (ft)	Survey (Wellbore)	Tool Name	Remarks
1	0	12,970	APD (Original Drilling)	MWD+IGRF	
				OWSG MWD + IGRF or WMM	

Plan Sections

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	TFO (°)	Target
0	0.00	0.00	0	0	0	0.00	0.00	0.00	0.00	
515	0.00	0.00	515	0	0	0.00	0.00	0.00	0.00	
1304	15.78	343.21	1294	103	-31	2.00	2.00	0.00	343.21	
4195	15.78	343.21	4076	856	-258	0.00	0.00	0.00	0.00	
5353	90.66	132.80	4854	513	278	9.00	6.47	12.92	148.53	606H Heel
12,970	90.66	132.80	4766	-4663	5866	0.00	0.00	0.00	0.00	606H Toe

DJR Operating

Lonestar Consulting, LLC

Planning Report

Database:	Grand Junction	**Local Co-ordinate Reference:**	Well # 606H - Slot 4
Company:	DJR Operating	**TVD Reference:**	GL 6354' & RKB 14' @ 6368ft
Project:	Proposed Carson Unit	**MD Reference:**	GL 6354' & RKB 14' @ 6368ft
Site:	WC 22-2 Pad	**North Reference:**	True
Well:	# 606H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Original Drilling		
Design:	APD		

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
0	0.00	0.00	0	0	0	0	0.00	0.00	0.00
100	0.00	0.00	100	0	0	0	0.00	0.00	0.00
200	0.00	0.00	200	0	0	0	0.00	0.00	0.00
300	0.00	0.00	300	0	0	0	0.00	0.00	0.00
400	0.00	0.00	400	0	0	0	0.00	0.00	0.00
500	0.00	0.00	500	0	0	0	0.00	0.00	0.00
515	0.00	0.00	515	0	0	0	0.00	0.00	0.00
600	1.70	343.21	600	1	0	-1	2.00	2.00	0.00
700	3.70	343.21	700	6	-2	-5	2.00	2.00	0.00
800	5.70	343.21	800	14	-4	-12	2.00	2.00	0.00
900	7.70	343.21	899	25	-7	-21	2.00	2.00	0.00
1000	9.70	343.21	998	39	-12	-34	2.00	2.00	0.00
1100	11.70	343.21	1096	57	-17	-49	2.00	2.00	0.00
1200	13.70	343.21	1193	78	-24	-67	2.00	2.00	0.00
1300	15.70	343.21	1290	102	-31	-88	2.00	2.00	0.00
1304	15.78	343.21	1294	103	-31	-89	2.00	2.00	0.00
1400	15.78	343.21	1386	128	-39	-110	0.00	0.00	0.00
1500	15.78	343.21	1483	154	-47	-133	0.00	0.00	0.00
1600	15.78	343.21	1579	180	-54	-155	0.00	0.00	0.00
1700	15.78	343.21	1675	206	-62	-177	0.00	0.00	0.00
1800	15.78	343.21	1771	232	-70	-200	0.00	0.00	0.00
1900	15.78	343.21	1868	259	-78	-222	0.00	0.00	0.00
2000	15.78	343.21	1964	285	-86	-244	0.00	0.00	0.00
2100	15.78	343.21	2060	311	-94	-267	0.00	0.00	0.00
2200	15.78	343.21	2156	337	-102	-289	0.00	0.00	0.00
2300	15.78	343.21	2253	363	-109	-311	0.00	0.00	0.00
2400	15.78	343.21	2349	389	-117	-334	0.00	0.00	0.00
2500	15.78	343.21	2445	415	-125	-356	0.00	0.00	0.00
2600	15.78	343.21	2541	441	-133	-378	0.00	0.00	0.00
2700	15.78	343.21	2637	467	-141	-401	0.00	0.00	0.00
2800	15.78	343.21	2734	493	-149	-423	0.00	0.00	0.00
2900	15.78	343.21	2830	519	-157	-445	0.00	0.00	0.00
3000	15.78	343.21	2926	545	-164	-468	0.00	0.00	0.00
3100	15.78	343.21	3022	571	-172	-490	0.00	0.00	0.00
3200	15.78	343.21	3119	597	-180	-512	0.00	0.00	0.00
3300	15.78	343.21	3215	623	-188	-535	0.00	0.00	0.00
3400	15.78	343.21	3311	649	-196	-557	0.00	0.00	0.00
3500	15.78	343.21	3407	675	-204	-580	0.00	0.00	0.00
3600	15.78	343.21	3504	701	-212	-602	0.00	0.00	0.00
3700	15.78	343.21	3600	727	-219	-624	0.00	0.00	0.00
3800	15.78	343.21	3696	753	-227	-647	0.00	0.00	0.00
3900	15.78	343.21	3792	779	-235	-669	0.00	0.00	0.00
4000	15.78	343.21	3888	805	-243	-691	0.00	0.00	0.00
4100	15.78	343.21	3985	831	-251	-714	0.00	0.00	0.00
4195	15.78	343.21	4076	856	-258	-735	0.00	0.00	0.00
4200	15.37	344.16	4081	857	-259	-736	9.00	-7.64	17.73
4300	9.11	16.10	4179	878	-260	-750	9.00	-6.26	31.94
4400	9.53	74.00	4278	888	-250	-748	9.00	0.41	57.90
4500	16.10	102.92	4375	887	-228	-731	9.00	6.58	28.93
4600	24.27	114.16	4469	875	-196	-698	9.00	8.16	11.23
4700	32.85	119.88	4557	853	-154	-651	9.00	8.58	5.72
4800	41.60	123.41	4636	821	-102	-591	9.00	8.75	3.54
4900	50.42	125.90	4706	781	-43	-520	9.00	8.82	2.49
5000	59.28	127.82	4763	731	22	-438	9.00	8.86	1.92

DJR Operating

Lonestar Consulting, LLC

Planning Report

LONESTAR CONSULTING

Database:	Grand Junction	**Local Co-ordinate Reference:**	Well # 606H - Slot 4
Company:	DJR Operating	**TVD Reference:**	GL 6354' & RKB 14' @ 6368ft
Project:	Proposed Carson Unit	**MD Reference:**	GL 6354' & RKB 14' @ 6368ft
Site:	WC 22-2 Pad	**North Reference:**	True
Well:	# 606H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Original Drilling		
Design:	APD		

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
5100	68.17	129.42	4807	676	92	-348	9.00	8.89	1.59
5200	77.07	130.82	4837	614	165	-253	9.00	8.90	1.41
5300	85.97	132.13	4852	549	239	-154	9.00	8.91	1.31
5353	90.66	132.80	4854	513	278	-102	9.00	8.91	1.28
5400	90.66	132.80	4853	481	312	-55	0.00	0.00	0.00
5500	90.66	132.80	4852	413	386	45	0.00	0.00	0.00
5600	90.66	132.80	4851	345	459	145	0.00	0.00	0.00
5700	90.66	132.80	4850	277	532	244	0.00	0.00	0.00
5800	90.66	132.80	4848	209	606	344	0.00	0.00	0.00
5900	90.66	132.80	4847	141	679	444	0.00	0.00	0.00
6000	90.66	132.80	4846	73	753	544	0.00	0.00	0.00
6100	90.66	132.80	4845	5	826	643	0.00	0.00	0.00
6200	90.66	132.80	4844	-63	899	743	0.00	0.00	0.00
6300	90.66	132.80	4843	-131	973	843	0.00	0.00	0.00
6400	90.66	132.80	4842	-199	1046	942	0.00	0.00	0.00
6500	90.66	132.80	4840	-266	1119	1042	0.00	0.00	0.00
6600	90.66	132.80	4839	-334	1193	1142	0.00	0.00	0.00
6700	90.66	132.80	4838	-402	1266	1241	0.00	0.00	0.00
6800	90.66	132.80	4837	-470	1339	1341	0.00	0.00	0.00
6900	90.66	132.80	4836	-538	1413	1441	0.00	0.00	0.00
7000	90.66	132.80	4835	-606	1486	1541	0.00	0.00	0.00
7100	90.66	132.80	4833	-674	1560	1640	0.00	0.00	0.00
7200	90.66	132.80	4832	-742	1633	1740	0.00	0.00	0.00
7300	90.66	132.80	4831	-810	1706	1840	0.00	0.00	0.00
7400	90.66	132.80	4830	-878	1780	1939	0.00	0.00	0.00
7500	90.66	132.80	4829	-946	1853	2039	0.00	0.00	0.00
7600	90.66	132.80	4828	-1014	1926	2139	0.00	0.00	0.00
7700	90.66	132.80	4827	-1082	2000	2239	0.00	0.00	0.00
7800	90.66	132.80	4825	-1150	2073	2338	0.00	0.00	0.00
7900	90.66	132.80	4824	-1218	2146	2438	0.00	0.00	0.00
8000	90.66	132.80	4823	-1286	2220	2538	0.00	0.00	0.00
8100	90.66	132.80	4822	-1354	2293	2637	0.00	0.00	0.00
8200	90.66	132.80	4821	-1422	2367	2737	0.00	0.00	0.00
8300	90.66	132.80	4820	-1489	2440	2837	0.00	0.00	0.00
8400	90.66	132.80	4819	-1557	2513	2937	0.00	0.00	0.00
8500	90.66	132.80	4817	-1625	2587	3036	0.00	0.00	0.00
8600	90.66	132.80	4816	-1693	2660	3136	0.00	0.00	0.00
8700	90.66	132.80	4815	-1761	2733	3236	0.00	0.00	0.00
8800	90.66	132.80	4814	-1829	2807	3335	0.00	0.00	0.00
8900	90.66	132.80	4813	-1897	2880	3435	0.00	0.00	0.00
9000	90.66	132.80	4812	-1965	2953	3535	0.00	0.00	0.00
9100	90.66	132.80	4810	-2033	3027	3634	0.00	0.00	0.00
9200	90.66	132.80	4809	-2101	3100	3734	0.00	0.00	0.00
9300	90.66	132.80	4808	-2169	3174	3834	0.00	0.00	0.00
9400	90.66	132.80	4807	-2237	3247	3934	0.00	0.00	0.00
9500	90.66	132.80	4806	-2305	3320	4033	0.00	0.00	0.00
9600	90.66	132.80	4805	-2373	3394	4133	0.00	0.00	0.00
9700	90.66	132.80	4804	-2441	3467	4233	0.00	0.00	0.00
9800	90.66	132.80	4802	-2509	3540	4332	0.00	0.00	0.00
9900	90.66	132.80	4801	-2577	3614	4432	0.00	0.00	0.00
10,000	90.66	132.80	4800	-2645	3687	4532	0.00	0.00	0.00
10,100	90.66	132.80	4799	-2713	3760	4632	0.00	0.00	0.00
10,200	90.66	132.80	4798	-2780	3834	4731	0.00	0.00	0.00
10,300	90.66	132.80	4797	-2848	3907	4831	0.00	0.00	0.00

DJR Operating

Lonestar Consulting, LLC
Planning Report

Database:	Grand Junction	**Local Co-ordinate Reference:**	Well # 606H - Slot 4
Company:	DJR Operating	**TVD Reference:**	GL 6354' & RKB 14' @ 6368ft
Project:	Proposed Carson Unit	**MD Reference:**	GL 6354' & RKB 14' @ 6368ft
Site:	WC 22-2 Pad	**North Reference:**	True
Well:	# 606H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Original Drilling		
Design:	APD		

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
10,400	90.66	132.80	4796	-2916	3980	4931	0.00	0.00	0.00
10,500	90.66	132.80	4794	-2984	4054	5030	0.00	0.00	0.00
10,600	90.66	132.80	4793	-3052	4127	5130	0.00	0.00	0.00
10,700	90.66	132.80	4792	-3120	4201	5230	0.00	0.00	0.00
10,800	90.66	132.80	4791	-3188	4274	5330	0.00	0.00	0.00
10,900	90.66	132.80	4790	-3256	4347	5429	0.00	0.00	0.00
11,000	90.66	132.80	4789	-3324	4421	5529	0.00	0.00	0.00
11,100	90.66	132.80	4787	-3392	4494	5629	0.00	0.00	0.00
11,200	90.66	132.80	4786	-3460	4567	5728	0.00	0.00	0.00
11,300	90.66	132.80	4785	-3528	4641	5828	0.00	0.00	0.00
11,400	90.66	132.80	4784	-3596	4714	5928	0.00	0.00	0.00
11,500	90.66	132.80	4783	-3664	4787	6028	0.00	0.00	0.00
11,600	90.66	132.80	4782	-3732	4861	6127	0.00	0.00	0.00
11,700	90.66	132.80	4781	-3800	4934	6227	0.00	0.00	0.00
11,800	90.66	132.80	4779	-3868	5008	6327	0.00	0.00	0.00
11,900	90.66	132.80	4778	-3936	5081	6426	0.00	0.00	0.00
12,000	90.66	132.80	4777	-4003	5154	6526	0.00	0.00	0.00
12,100	90.66	132.80	4776	-4071	5228	6626	0.00	0.00	0.00
12,200	90.66	132.80	4775	-4139	5301	6725	0.00	0.00	0.00
12,300	90.66	132.80	4774	-4207	5374	6825	0.00	0.00	0.00
12,400	90.66	132.80	4773	-4275	5448	6925	0.00	0.00	0.00
12,500	90.66	132.80	4771	-4343	5521	7025	0.00	0.00	0.00
12,600	90.66	132.80	4770	-4411	5594	7124	0.00	0.00	0.00
12,700	90.66	132.80	4769	-4479	5668	7224	0.00	0.00	0.00
12,800	90.66	132.80	4768	-4547	5741	7324	0.00	0.00	0.00
12,900	90.66	132.80	4767	-4615	5815	7423	0.00	0.00	0.00
12,970	90.66	132.80	4766	-4663	5866	7494	0.00	0.00	0.00

Design Targets

Target Name - hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (usft)	Easting (usft)	Latitude	Longitude
606H Toe - plan hits target center - Circle (radius 50)	0.00	0.00	4766	-4663	5866	1,955,200.51	2,650,057.18	36.37309050	-108.08142240
606H Heel - plan hits target center - Circle (radius 50)	0.00	0.00	4854	513	278	1,960,391.89	2,644,483.01	36.38731036	-108.10040574

Casing Points

Measured Depth (ft)	Vertical Depth (ft)	Name	Casing Diameter (in)	Hole Diameter (in)
380	380	Surface	9.63	12.25
5289	4851	Intermediate	7.00	8.75

DJR Operating

Lonestar Consulting, LLC
Planning Report

Database:	Grand Junction	**Local Co-ordinate Reference:**	Well # 606H - Slot 4
Company:	DJR Operating	**TVD Reference:**	GL 6354' & RKB 14' @ 6368ft
Project:	Proposed Carson Unit	**MD Reference:**	GL 6354' & RKB 14' @ 6368ft
Site:	WC 22-2 Pad	**North Reference:**	True
Well:	# 606H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Original Drilling		
Design:	APD		

Formations

Measured Depth (ft)	Vertical Depth (ft)	Name	Lithology	Dip (°)	Dip Direction (°)
269	269	Ojo Alamo		0.00	0.00
392	392	Kirtland		0.00	0.00
903	902	Fruitland		0.00	0.00
1179	1173	Pictured Cliffs		0.00	0.00
1332	1321	Lewis		0.00	0.00
1961	1926	Chacra		0.00	0.00
2640	2580	Menefee		0.00	0.00
3699	3599	Point Lookout		0.00	0.00
3877	3770	Mancos		0.00	0.00
4211	4092	Mancos Silt		0.00	0.00
4781	4622	Gallup A		0.00	0.00
4864	4682	Gallup B		0.00	0.00
5028	4777	Gallup C		0.00	0.00

DJR Operating

Proposed Carson Unit
WC 22-2 Pad
 # 606H

Original Drilling
APD

Anticollision Report

21 March, 2022

DJR Operating

Lonestar Consulting, LLC

Anticollision Report

Company:	DJR Operating	**Local Co-ordinate Reference:**	Well # 606H - Slot 4
Project:	Proposed Carson Unit	**TVD Reference:**	GL 6354' & RKB 14' @ 6368ft
Reference Site:	WC 22-2 Pad	**MD Reference:**	GL 6354' & RKB 14' @ 6368ft
Site Error:	0 ft	**North Reference:**	True
Reference Well:	# 606H	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0 ft	**Output errors are at**	2.00 sigma
Reference Wellbore	Original Drilling	**Database:**	Grand Junction
Reference Design:	APD	**Offset TVD Reference:**	Offset Datum

Reference APD

Filter type:	NO GLOBAL FILTER: Using user defined selection & filtering criteria		
Interpolation Method:	Stations	**Error Model:**	ISCWSA
Depth Range:	Unlimited	**Scan Method:**	Closest Approach 3D
Results Limited by:	Maximum centre distance of 1000ft	**Error Surface:**	Pedal Curve
Warning Levels Evaluated at:	2.00 **Sigma**	**Casing Method:**	Not applied

Survey Tool Program **Date** 3/21/2022

From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description
0	12,970	APD (Original Drilling)	MWD+IGRF	OWSG MWD + IGRF or WMM

Summary

Site Name Offset Well - Wellbore - Design	Reference Measured Depth (ft)	Offset Measured Depth (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Separation Factor	Warning
WC 22-2 Pad						
# 610H - Original Drilling - APD	515	515	60	56	16.712	CC, ES
# 610H - Original Drilling - APD	800	793	71	65	12.695	SF
# 627H - Original Drilling - APD	501	501	40	37	11.986	CC
# 627H - Original Drilling - APD	515	515	40	37	11.651	ES
# 627H - Original Drilling - APD	1000	995	61	54	8.693	SF
# 631H - Original Drilling - APD	515	515	20	16	5.564	CC
# 631H - Original Drilling - APD	1304	1302	23	13	2.333	ES
# 631H - Original Drilling - APD	1800	1798	32	17	2.123	SF
Bisti Gallup 22-15 - OH - OH	7899	4799	640	420	2.912	CC
Bisti Gallup 22-15 - OH - OH	7900	4799	640	420	2.911	ES, SF
Bisti Gallup 22-16 - OH - OH	8540	4802	126	-109	0.536	Level 3, CC, ES, SF
Bisti Gallup 22-6 - OH - OH	5332	4851	167	-2	0.986	Level 3, CC, ES, SF
Hunter Foster 1 - OH - OH	12,970	4767	516	187	1.567	CC, ES, SF
Lee Hixon 2 - OH - OH	12,145	4783	80	-244	0.247	Level 3, CC, ES, SF

Offset Design: WC 22-2 Pad - # 610H - Original Drilling - APD

Offset Site Error: 0 ft

Survey Program: 0-MWD+IGRF

Offset Well Error: 0 ft

Rule Assigned:

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
0	0	0	0	0	0	-90.23	0	-60	60				
100	100	100	100	0	0	-90.23	0	-60	60	59	0.62	97.358	
200	200	200	200	1	1	-90.23	0	-60	60	59	1.33	45.015	
300	300	300	300	1	1	-90.23	0	-60	60	58	2.05	29.275	
400	400	400	400	1	1	-90.23	0	-60	60	57	2.77	21.691	
500	500	500	500	2	2	-90.23	0	-60	60	57	3.48	17.228	
515	515	515	515	2	2	-90.23	0	-60	60	56	3.59	16.712	CC, ES
600	600	598	598	2	2	-74.43	0	-61	61	57	4.19	14.545	
700	700	696	696	2	2	-77.88	0	-66	64	59	4.88	13.183	
800	800	793	793	3	3	-83.01	1	-73	71	65	5.58	12.695	SF
900	899	890	889	3	3	-88.78	2	-84	81	75	6.29	12.858	
1000	998	986	984	4	4	-94.31	3	-99	95	88	7.03	13.503	
1100	1096	1081	1077	4	4	-99.09	5	-116	113	105	7.80	14.489	
1200	1193	1175	1169	4	4	-102.98	6	-135	135	126	8.61	15.692	

DJR Operating

Lonestar Consulting, LLC

Anticollision Report

LONESTAR CONSULTING

Company:	DJR Operating	**Local Co-ordinate Reference:**	Well # 606H - Slot 4
Project:	Proposed Carson Unit	**TVD Reference:**	GL 6354' & RKB 14' @ 6368ft
Reference Site:	WC 22-2 Pad	**MD Reference:**	GL 6354' & RKB 14' @ 6368ft
Site Error:	0 ft	**North Reference:**	True
Reference Well:	# 606H	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0 ft	**Output errors are at**	2.00 sigma
Reference Wellbore	Original Drilling	**Database:**	Grand Junction
Reference Design:	APD	**Offset TVD Reference:**	Offset Datum

Offset Design: WC 22-2 Pad - # 610H - Original Drilling - APD

Offset Site Error: 0 ft

Survey Program: 0-MWD+IGRF

Offset Well Error: 0 ft

Rule Assigned:

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
1304	1294	1271	1262	5	5	-106.14	8	-159	162	153	9.50	17.082	
1400	1386	1360	1348	6	5	-108.60	11	-183	190	180	10.38	18.327	
1500	1483	1455	1439	6	6	-110.46	13	-209	220	209	11.35	19.377	
1600	1579	1551	1531	7	6	-111.88	15	-236	250	238	12.35	20.239	
1700	1675	1646	1623	7	7	-113.00	17	-262	280	267	13.36	20.953	
1800	1771	1741	1714	8	8	-113.90	20	-288	310	296	14.38	21.553	
1900	1868	1836	1806	8	8	-114.64	22	-315	340	325	15.42	22.060	
2000	1964	1932	1897	9	9	-115.26	24	-341	370	354	16.47	22.494	
2100	2060	2027	1989	10	9	-115.79	27	-367	401	383	17.52	22.868	
2200	2156	2122	2080	10	10	-116.24	29	-394	431	412	18.58	23.194	
2300	2253	2217	2172	11	11	-116.63	31	-420	461	442	19.64	23.480	
2400	2349	2313	2263	11	11	-116.98	34	-446	491	471	20.71	23.732	
2500	2445	2408	2355	12	12	-117.28	36	-472	522	500	21.78	23.955	
2600	2541	2503	2446	13	12	-117.55	38	-499	552	529	22.86	24.155	
2700	2637	2598	2538	13	13	-117.80	41	-525	582	559	23.94	24.335	
2800	2734	2694	2629	14	14	-118.02	43	-551	613	588	25.02	24.497	
2900	2830	2789	2721	14	14	-118.21	45	-578	643	617	26.10	24.644	
3000	2926	2884	2812	15	15	-118.39	47	-604	674	646	27.18	24.778	
3100	3022	2979	2904	16	15	-118.56	50	-630	704	676	28.27	24.900	
3200	3119	3075	2995	16	16	-118.71	52	-657	734	705	29.36	25.012	
3300	3215	3170	3087	17	17	-118.85	54	-683	765	734	30.45	25.116	
3400	3311	3265	3178	18	17	-118.98	57	-709	795	763	31.54	25.211	
3500	3407	3360	3270	18	18	-119.10	59	-736	825	793	32.63	25.299	
3600	3504	3456	3361	19	19	-119.21	61	-762	856	822	33.72	25.381	
3700	3600	3551	3453	19	19	-119.31	64	-788	886	851	34.81	25.457	
3800	3696	3646	3545	20	20	-119.41	66	-814	917	881	35.91	25.527	
3900	3792	3742	3636	21	20	-119.50	68	-841	947	910	37.00	25.594	
4000	3888	3837	3728	21	21	-119.58	71	-867	977	939	38.10	25.656	

DJR Operating

Lonestar Consulting, LLC

Anticollision Report

Company:	DJR Operating	**Local Co-ordinate Reference:**	Well # 606H - Slot 4
Project:	Proposed Carson Unit	**TVD Reference:**	GL 6354' & RKB 14' @ 6368ft
Reference Site:	WC 22-2 Pad	**MD Reference:**	GL 6354' & RKB 14' @ 6368ft
Site Error:	0 ft	**North Reference:**	True
Reference Well:	# 606H	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0 ft	**Output errors are at**	2.00 sigma
Reference Wellbore	Original Drilling	**Database:**	Grand Junction
Reference Design:	APD	**Offset TVD Reference:**	Offset Datum

Offset Design: WC 22-2 Pad - # 627H - Original Drilling - APD

Offset Site Error: 0 ft

Survey Program: 0-MWD+IGRF

Rule Assigned:

Offset Well Error: 0 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
0	0	0	0	0	0	-90.26	0	-40	40				
100	100	100	100	0	0	-90.26	0	-40	40	40	0.46	86.599	
200	200	200	200	1	1	-90.26	0	-40	40	39	1.18	33.955	
300	300	300	300	1	1	-90.26	0	-40	40	38	1.90	21.118	
400	400	400	400	1	1	-90.26	0	-40	40	37	2.61	15.324	
500	500	500	500	2	2	-90.26	0	-40	40	37	3.33	12.025	
501	501	501	501	2	2	-90.26	0	-40	40	37	3.34	11.986	CC
515	515	515	515	2	2	-90.25	0	-40	40	37	3.44	11.651	ES
600	600	599	599	2	2	-74.15	1	-41	41	37	4.04	10.126	
700	700	698	697	2	2	-76.74	3	-45	44	39	4.74	9.234	
800	800	797	796	3	3	-80.78	7	-52	49	43	5.46	8.930	
900	899	896	895	3	3	-87.24	11	-60	54	48	6.20	8.731	
1000	998	995	994	4	3	-95.58	16	-67	61	54	6.97	8.693	SF
1100	1096	1092	1090	4	4	-103.60	20	-78	71	63	7.76	9.168	
1200	1193	1188	1185	4	4	-110.09	24	-91	87	78	8.58	10.087	
1304	1294	1287	1283	5	5	-115.04	29	-108	108	98	9.47	11.350	
1400	1386	1378	1371	6	5	-118.04	33	-126	130	120	10.33	12.616	
1500	1483	1471	1462	6	5	-119.35	38	-148	156	145	11.24	13.903	
1600	1579	1564	1551	7	6	-119.53	42	-173	184	172	12.18	15.132	
1700	1675	1655	1638	7	7	-119.04	47	-200	214	201	13.14	16.312	
1800	1771	1749	1727	8	7	-118.28	51	-230	246	231	14.18	17.330	
1900	1868	1844	1817	8	8	-117.68	56	-260	277	262	15.24	18.177	
2000	1964	1939	1907	9	8	-117.21	61	-290	308	292	16.32	18.898	
2100	2060	2034	1997	10	9	-116.82	65	-321	340	323	17.42	19.517	
2200	2156	2129	2087	10	10	-116.50	70	-351	371	353	18.52	20.055	
2300	2253	2224	2177	11	10	-116.23	75	-381	403	383	19.63	20.524	
2400	2349	2319	2266	11	11	-115.99	80	-411	434	414	20.74	20.937	
2500	2445	2414	2356	12	12	-115.79	84	-441	466	444	21.86	21.303	
2600	2541	2508	2446	13	12	-115.62	89	-471	497	474	22.99	21.629	
2700	2637	2603	2536	13	13	-115.46	94	-502	529	505	24.12	21.921	
2800	2734	2698	2626	14	14	-115.32	99	-532	560	535	25.25	22.185	
2900	2830	2793	2716	14	14	-115.20	103	-562	592	565	26.39	22.423	
3000	2926	2888	2806	15	15	-115.09	108	-592	623	596	27.53	22.639	
3100	3022	2983	2895	16	16	-114.99	113	-622	655	626	28.67	22.837	
3200	3119	3078	2985	16	16	-114.90	118	-652	686	656	29.81	23.018	
3300	3215	3173	3075	17	17	-114.82	122	-683	718	687	30.95	23.184	
3400	3311	3268	3165	18	18	-114.74	127	-713	749	717	32.10	23.337	
3500	3407	3363	3255	18	18	-114.67	132	-743	781	747	33.25	23.479	
3600	3504	3457	3345	19	19	-114.61	136	-773	812	778	34.40	23.610	
3700	3600	3552	3435	19	20	-114.55	141	-803	844	808	35.55	23.733	
3800	3696	3647	3524	20	21	-114.49	146	-834	875	838	36.70	23.846	
3900	3792	3742	3614	21	21	-114.44	151	-864	907	869	37.85	23.953	
4000	3888	3837	3704	21	22	-114.39	155	-894	938	899	39.00	24.052	
4100	3985	3932	3794	22	23	-114.35	160	-924	970	929	40.16	24.145	
4195	4076	4022	3879	22	23	-114.31	165	-953	999	958	41.25	24.229	

DJR Operating

Lonestar Consulting, LLC

Anticollision Report

Company:	DJR Operating	**Local Co-ordinate Reference:**	Well # 606H - Slot 4
Project:	Proposed Carson Unit	**TVD Reference:**	GL 6354' & RKB 14' @ 6368ft
Reference Site:	WC 22-2 Pad	**MD Reference:**	GL 6354' & RKB 14' @ 6368ft
Site Error:	0 ft	**North Reference:**	True
Reference Well:	# 606H	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0 ft	**Output errors are at**	2.00 sigma
Reference Wellbore	Original Drilling	**Database:**	Grand Junction
Reference Design:	APD	**Offset TVD Reference:**	Offset Datum

Offset Design: WC 22-2 Pad - # 631H - Original Drilling - APD

Offset Site Error: 0 ft

Survey Program: 0-MWD+IGRF

Rule Assigned:

Offset Well Error: 0 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
0	0	0	0	0	0	-90.42	0	-20	20				
100	100	100	100	0	0	-90.42	0	-20	20	19	0.62	32.413	
200	200	200	200	1	1	-90.42	0	-20	20	19	1.33	14.987	
300	300	300	300	1	1	-90.42	0	-20	20	18	2.05	9.747	
400	400	400	400	1	1	-90.42	0	-20	20	17	2.77	7.222	
500	500	500	500	2	2	-90.42	0	-20	20	17	3.48	5.736	
515	515	515	515	2	2	-90.42	0	-20	20	16	3.59	5.564	CC
600	600	600	600	2	2	-73.67	1	-20	20	16	4.20	4.768	
700	700	700	699	2	2	-73.82	5	-22	20	15	4.91	4.102	
800	800	799	799	3	3	-74.08	13	-24	20	15	5.64	3.617	
900	899	899	898	3	3	-74.43	24	-28	21	14	6.39	3.247	
1000	998	999	997	4	4	-74.87	39	-33	21	14	7.18	2.953	
1100	1096	1099	1095	4	4	-75.39	56	-39	22	14	8.02	2.713	
1200	1193	1199	1192	4	4	-75.97	77	-46	22	13	8.93	2.512	
1304	1294	1302	1292	5	5	-76.63	102	-54	23	13	9.95	2.333	ES
1400	1386	1398	1384	6	6	-73.86	128	-63	24	13	10.94	2.233	
1500	1483	1498	1480	6	6	-69.40	156	-72	26	14	11.96	2.180	
1600	1579	1598	1575	7	7	-65.49	184	-82	28	15	12.97	2.147	
1700	1675	1698	1671	7	7	-62.06	212	-91	30	16	13.97	2.130	
1800	1771	1798	1766	8	8	-59.05	240	-101	32	17	14.95	2.123	SF
1900	1868	1898	1862	8	9	-56.40	267	-110	34	18	15.92	2.123	
2000	1964	1998	1957	9	9	-54.06	295	-120	36	19	16.88	2.129	
2100	2060	2098	2053	10	10	-51.99	323	-129	38	20	17.82	2.138	
2200	2156	2198	2148	10	10	-50.14	351	-138	40	22	18.76	2.150	
2300	2253	2298	2244	11	11	-48.49	379	-148	43	23	19.69	2.163	
2400	2349	2398	2339	11	12	-47.00	407	-157	45	24	20.62	2.178	
2500	2445	2498	2435	12	12	-45.66	435	-167	47	26	21.53	2.193	
2600	2541	2598	2530	13	13	-44.45	463	-176	50	27	22.45	2.208	
2700	2637	2698	2626	13	14	-43.35	491	-185	52	29	23.36	2.224	
2800	2734	2798	2722	14	14	-42.34	519	-195	54	30	24.26	2.239	
2900	2830	2898	2817	14	15	-41.42	547	-204	57	32	25.17	2.254	
3000	2926	2998	2913	15	16	-40.57	575	-214	59	33	26.07	2.268	
3100	3022	3098	3008	16	16	-39.79	603	-223	62	35	26.97	2.283	
3200	3119	3198	3104	16	17	-39.07	631	-232	64	36	27.87	2.296	
3300	3215	3297	3199	17	18	-38.40	659	-242	66	38	28.76	2.310	
3400	3311	3397	3295	18	18	-37.78	687	-251	69	39	29.66	2.323	
3500	3407	3497	3390	18	19	-37.21	715	-261	71	41	30.55	2.335	
3600	3504	3597	3486	19	19	-36.67	742	-270	74	42	31.45	2.348	
3700	3600	3697	3581	19	20	-36.16	770	-279	76	44	32.34	2.359	
3800	3696	3797	3677	20	21	-35.69	798	-289	79	46	33.23	2.371	
3900	3792	3897	3772	21	21	-35.25	826	-298	81	47	34.12	2.381	
4000	3888	3997	3868	21	22	-34.83	854	-308	84	49	35.01	2.392	
4100	3985	4097	3963	22	23	-34.44	882	-317	86	50	35.90	2.402	
4195	4076	4192	4054	22	23	-34.08	909	-326	89	52	36.75	2.411	
4200	4081	4197	4059	22	23	-34.98	910	-327	89	52	36.79	2.412	
4250	4130	4247	4106	23	24	-46.28	924	-331	92	55	37.22	2.482	
4300	4179	4296	4154	23	24	-65.76	938	-336	100	62	37.61	2.656	
4350	4228	4345	4200	23	24	-94.79	951	-340	111	73	37.99	2.930	
4400	4278	4393	4246	23	25	-122.45	965	-345	126	88	38.34	3.299	
4450	4327	4439	4290	23	25	-140.08	978	-349	145	107	38.67	3.758	
4500	4375	4484	4333	23	25	-150.29	990	-353	168	129	38.99	4.303	
4550	4423	4526	4373	23	26	-156.50	1002	-358	194	154	39.29	4.928	

DJR Operating

Lonestar Consulting, LLC

Anticollision Report

Company:	DJR Operating	**Local Co-ordinate Reference:**	Well # 606H - Slot 4
Project:	Proposed Carson Unit	**TVD Reference:**	GL 6354' & RKB 14' @ 6368ft
Reference Site:	WC 22-2 Pad	**MD Reference:**	GL 6354' & RKB 14' @ 6368ft
Site Error:	0 ft	**North Reference:**	True
Reference Well:	# 606H	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0 ft	**Output errors are at**	2.00 sigma
Reference Wellbore	Original Drilling	**Database:**	Grand Junction
Reference Design:	APD	**Offset TVD Reference:**	Offset Datum

Offset Design: WC 22-2 Pad - # 631H - Original Drilling - APD

Offset Site Error: 0 ft

Survey Program: 0-MWD+IGRF

Rule Assigned:

Offset Well Error: 0 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
4600	4469	4565	4410	23	26	-160.57	1013	-361	223	183	39.55	5.634	
4650	4514	4592	4436	23	26	-163.43	1021	-364	256	217	39.64	6.465	
4700	4557	4615	4457	23	26	-165.51	1028	-368	294	254	39.66	7.408	
4750	4598	4634	4475	23	26	-167.10	1035	-371	335	295	39.64	8.445	
4800	4636	4650	4489	23	26	-168.35	1041	-374	379	339	39.61	9.557	
4850	4672	4662	4500	23	27	-169.38	1045	-376	425	385	39.56	10.732	
4900	4706	4671	4508	23	27	-170.29	1048	-378	472	433	39.52	11.949	
4950	4736	4677	4513	23	27	-171.21	1051	-380	521	482	39.48	13.195	
5000	4763	4680	4517	23	27	-172.60	1052	-380	571	531	39.47	14.457	
5050	4787	4681	4518	22	27	171.22	1053	-381	620	581	39.46	15.723	
5100	4807	4681	4517	22	27	11.16	1052	-381	670	631	39.48	16.984	
5150	4824	4678	4515	22	27	9.61	1051	-380	720	681	39.50	18.230	
5200	4837	4674	4511	22	27	9.04	1050	-379	769	730	39.54	19.455	
5250	4847	4669	4506	22	27	8.73	1048	-378	818	778	39.60	20.652	
5300	4852	4650	4489	22	26	8.55	1041	-374	865	826	39.49	21.916	
5353	4854	4650	4489	22	26	8.47	1041	-374	914	874	39.69	23.027	
5400	4853	4650	4489	23	26	8.47	1041	-374	957	917	39.86	24.016	

DJR Operating

Lonestar Consulting, LLC

Anticollision Report

Company:	DJR Operating	**Local Co-ordinate Reference:**	Well # 606H - Slot 4
Project:	Proposed Carson Unit	**TVD Reference:**	GL 6354' & RKB 14' @ 6368ft
Reference Site:	WC 22-2 Pad	**MD Reference:**	GL 6354' & RKB 14' @ 6368ft
Site Error:	0 ft	**North Reference:**	True
Reference Well:	# 606H	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0 ft	**Output errors are at**	2.00 sigma
Reference Wellbore	Original Drilling	**Database:**	Grand Junction
Reference Design:	APD	**Offset TVD Reference:**	Offset Datum

Offset Design: WC 22-2 Pad - Bisti Gallup 22-15 - OH - OH

Offset Site Error: 0 ft

Survey Program: 120-INCLINOMETER

Rule Assigned:

Offset Well Error: 0 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
7200	4832	4803	4803	58	146	90.05	-1687	1711	948	757	190.60	4.972	
7300	4831	4803	4802	60	146	90.00	-1687	1711	877	682	194.71	4.502	
7400	4830	4802	4802	62	146	89.95	-1687	1711	811	612	199.26	4.072	
7500	4829	4802	4801	65	146	89.89	-1687	1711	754	550	204.13	3.694	
7600	4828	4801	4801	67	146	89.84	-1686	1711	706	497	209.07	3.378	
7700	4827	4800	4800	69	146	89.79	-1686	1711	670	456	213.66	3.136	
7800	4825	4800	4799	72	146	89.73	-1686	1711	647	430	217.37	2.978	
7899	4824	4799	4799	74	146	89.68	-1686	1711	640	420	219.69	2.912	CC
7900	4824	4799	4799	74	146	89.68	-1686	1711	640	420	219.70	2.911	ES, SF
8000	4823	4799	4798	77	146	89.62	-1686	1711	648	427	220.37	2.938	
8100	4822	4798	4797	79	146	89.57	-1686	1711	670	451	219.44	3.055	
8200	4821	4797	4797	81	146	89.51	-1686	1711	707	490	217.27	3.253	
8300	4820	4797	4796	84	146	89.46	-1686	1711	755	540	214.32	3.522	
8400	4819	4796	4796	86	146	89.40	-1686	1711	812	601	211.02	3.849	
8500	4817	4795	4795	89	146	89.34	-1686	1711	877	670	207.66	4.225	
8600	4816	4795	4794	91	146	89.28	-1686	1711	949	744	204.45	4.640	

DJR Operating

Lonestar Consulting, LLC

Anticollision Report

Company:	DJR Operating	**Local Co-ordinate Reference:**	Well # 606H - Slot 4
Project:	Proposed Carson Unit	**TVD Reference:**	GL 6354' & RKB 14' @ 6368ft
Reference Site:	WC 22-2 Pad	**MD Reference:**	GL 6354' & RKB 14' @ 6368ft
Site Error:	0 ft	**North Reference:**	True
Reference Well:	# 606H	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0 ft	**Output errors are at**	2.00 sigma
Reference Wellbore	Original Drilling	**Database:**	Grand Junction
Reference Design:	APD	**Offset TVD Reference:**	Offset Datum

Offset Design: WC 22-2 Pad - Bisti Gallup 22-16 - OH - OH — **Offset Site Error:** 0 ft

Survey Program: 94-INCLINOMETER — **Rule Assigned:** — **Offset Well Error:** 0 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
7600	4828	4811	4811	67	146	-94.11	-1560	2702	948	783	165.67	5.724	
7700	4827	4810	4810	69	146	-93.70	-1560	2702	849	683	165.89	5.120	
7800	4825	4809	4809	72	146	-93.28	-1560	2702	751	584	166.30	4.514	
7900	4824	4808	4808	74	146	-92.86	-1560	2702	652	485	167.03	3.905	
8000	4823	4808	4807	77	146	-92.44	-1560	2702	554	386	168.35	3.294	
8100	4822	4807	4806	79	146	-92.01	-1560	2702	458	287	170.75	2.680	
8200	4821	4806	4805	81	146	-91.59	-1560	2702	363	187	175.22	2.069	
8300	4820	4805	4804	84	146	-91.16	-1560	2702	271	87	183.90	1.474	Level 3
8400	4819	4804	4804	86	146	-90.73	-1560	2702	188	-13	201.18	0.937	Level 3
8500	4817	4803	4803	89	146	-90.30	-1560	2702	132	-96	228.76	0.579	Level 3
8540	4817	4802	4802	90	146	-90.12	-1560	2702	126	-109	235.42	0.536	Level 3, CC, ES, SF
8600	4816	4802	4802	91	146	-89.86	-1560	2702	140	-91	230.99	0.605	Level 3
8700	4815	4801	4801	94	146	-89.43	-1560	2702	204	-6	210.19	0.969	Level 3
8800	4814	4800	4800	96	146	-88.99	-1560	2702	289	93	196.18	1.473	Level 3
8900	4813	4799	4799	99	146	-88.55	-1560	2702	381	193	188.17	2.027	
9000	4812	4798	4798	101	146	-88.11	-1560	2702	477	294	183.29	2.602	
9100	4810	4797	4797	104	146	-87.67	-1560	2702	574	394	180.11	3.187	
9200	4809	4796	4796	106	146	-87.23	-1560	2702	672	494	177.90	3.777	
9300	4808	4795	4795	109	146	-86.78	-1560	2702	770	594	176.29	4.370	
9400	4807	4794	4794	111	146	-86.33	-1560	2702	869	694	175.09	4.964	
9500	4806	4793	4793	113	146	-85.89	-1560	2702	968	794	174.15	5.560	

DJR Operating

Lonestar Consulting, LLC

Anticollision Report

Company:	DJR Operating	**Local Co-ordinate Reference:**	Well # 606H - Slot 4
Project:	Proposed Carson Unit	**TVD Reference:**	GL 6354' & RKB 14' @ 6368ft
Reference Site:	WC 22-2 Pad	**MD Reference:**	GL 6354' & RKB 14' @ 6368ft
Site Error:	0 ft	**North Reference:**	True
Reference Well:	# 606H	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0 ft	**Output errors are at**	2.00 sigma
Reference Wellbore	Original Drilling	**Database:**	Grand Junction
Reference Design:	APD	**Offset TVD Reference:**	Offset Datum

Offset Design: WC 22-2 Pad - Bisti Gallup 22-6 - OH - OH

Offset Site Error: 0 ft

Survey Program: 120-INCLINOMETER

Offset Well Error: 0 ft

Rule Assigned:

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
0	0	0	0	0	0	29.96	650	375	751				
100	100	96	96	0	3	29.96	650	375	751	748	3.22	232.910	
200	200	196	196	1	6	29.96	650	375	751	744	6.62	113.437	
300	300	297	297	1	9	29.96	650	375	751	741	10.06	74.653	
334	334	330	330	1	10	29.96	651	375	751	740	11.16	67.317	
400	400	396	396	1	12	29.96	650	375	751	737	13.41	55.991	
500	500	496	496	2	15	29.96	650	375	751	734	16.80	44.680	
515	515	511	511	2	16	29.96	650	375	751	734	17.31	43.365	
600	600	596	596	2	18	46.84	650	375	750	730	20.20	37.128	
700	700	698	698	2	21	47.12	651	375	748	724	23.66	31.601	
800	800	800	800	3	24	47.70	651	375	742	714	27.12	27.348	
900	899	895	895	3	27	48.48	650	375	733	703	30.38	24.142	
1000	998	994	994	4	30	49.52	650	375	723	690	33.77	21.423	
1100	1096	1092	1092	4	33	50.84	650	375	711	674	37.16	19.146	
1200	1193	1190	1189	4	36	52.44	650	375	698	657	40.55	17.201	
1304	1294	1295	1294	5	39	54.47	651	375	682	638	44.22	15.424	
1400	1386	1383	1382	6	42	56.21	650	375	666	619	47.37	14.062	
1500	1483	1481	1481	6	45	58.17	651	375	651	600	50.87	12.802	
1600	1579	1575	1575	7	48	60.16	650	375	637	582	54.28	11.730	
1700	1675	1672	1672	7	51	62.24	651	375	624	566	57.77	10.794	
1800	1771	1771	1771	8	54	64.52	651	375	611	549	61.36	9.954	
1900	1868	1864	1864	8	57	66.73	650	375	599	534	64.78	9.247	
2000	1964	1963	1963	9	60	69.16	651	375	589	520	68.40	8.604	
2100	2060	2057	2056	10	62	71.52	650	375	579	507	71.86	8.057	
2200	2156	2155	2155	10	65	74.08	651	375	571	495	75.49	7.560	
2300	2253	2249	2249	11	68	76.58	650	375	563	485	78.97	7.135	
2400	2349	2346	2345	11	71	79.18	651	375	558	475	82.54	6.757	
2500	2445	2442	2442	12	74	81.88	651	375	553	467	86.12	6.421	
2600	2541	2538	2537	13	77	84.57	650	375	550	460	89.65	6.130	
2700	2637	2634	2633	13	80	87.27	651	375	548	454	93.20	5.877	
2800	2734	2731	2730	14	83	90.03	651	375	547	450	96.75	5.653	
2806	2739	2736	2735	14	83	90.19	651	375	547	450	96.94	5.642	
2900	2830	2827	2826	14	86	92.78	650	375	548	447	100.26	5.462	
3000	2926	2923	2923	15	89	95.47	651	375	550	446	103.79	5.297	
3100	3022	3019	3018	16	92	98.21	650	375	553	446	107.26	5.156	
3200	3119	3116	3115	16	95	100.82	651	375	558	447	110.74	5.037	
3300	3215	3212	3211	17	98	103.49	650	375	564	449	114.17	4.937	
3400	3311	3308	3307	18	100	105.98	651	375	571	453	117.60	4.854	
3500	3407	3404	3403	18	103	108.55	650	375	579	458	121.00	4.787	
3600	3504	3501	3500	19	106	110.98	650	375	589	464	124.38	4.733	
3700	3600	3596	3594	19	109	113.22	651	375	599	472	127.71	4.692	
3800	3696	3693	3692	20	112	115.60	650	375	611	480	131.09	4.661	
3900	3792	3790	3788	21	115	117.79	650	375	624	489	134.41	4.639	
4000	3888	3884	3883	21	118	119.73	652	375	637	499	137.69	4.624	
4100	3985	3982	3981	22	121	121.91	650	375	651	510	141.03	4.619	
4195	4076	4073	4072	22	124	123.74	650	375	666	522	144.13	4.619	
4200	4081	4078	4077	22	124	122.96	650	375	667	522	144.31	4.619	
4250	4130	4127	4126	23	125	112.51	650	375	672	526	145.96	4.606	
4300	4179	4176	4175	23	127	93.48	651	375	674	527	147.61	4.568	
4350	4228	4225	4223	23	128	64.72	651	375	673	524	149.24	4.510	
4400	4278	4274	4272	23	130	37.12	651	375	668	517	150.84	4.430	
4450	4327	4322	4321	23	131	19.35	651	375	660	507	152.43	4.329	

DJR Operating

Lonestar Consulting, LLC

Anticollision Report

Company:	DJR Operating	**Local Co-ordinate Reference:**	Well # 606H - Slot 4
Project:	Proposed Carson Unit	**TVD Reference:**	GL 6354' & RKB 14' @ 6368ft
Reference Site:	WC 22-2 Pad	**MD Reference:**	GL 6354' & RKB 14' @ 6368ft
Site Error:	0 ft	**North Reference:**	True
Reference Well:	# 606H	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0 ft	**Output errors are at**	2.00 sigma
Reference Wellbore	Original Drilling	**Database:**	Grand Junction
Reference Design:	APD	**Offset TVD Reference:**	Offset Datum

Offset Design: WC 22-2 Pad - Bisti Gallup 22-6 - OH - OH — **Offset Site Error:** 0 ft

Survey Program: 120-INCLINOMETER — **Rule Assigned:** — **Offset Well Error:** 0 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
4500	4375	4373	4371	23	133	8.80	650	375	648	494	154.06	4.206	
4550	4423	4420	4419	23	134	1.99	650	375	633	477	155.60	4.065	
4600	4469	4467	4465	23	136	-2.93	650	375	614	457	157.09	3.907	
4650	4514	4511	4510	23	137	-6.92	650	375	592	433	158.53	3.732	
4700	4557	4554	4553	23	138	-10.63	651	375	566	406	159.90	3.540	
4750	4598	4595	4593	23	140	-14.24	651	375	538	377	161.19	3.336	
4800	4636	4633	4632	23	141	-18.12	651	375	507	344	162.41	3.121	
4850	4672	4669	4667	23	142	-22.56	651	375	474	310	163.55	2.895	
4900	4706	4702	4701	23	143	-27.85	651	375	438	273	164.61	2.661	
4950	4736	4734	4732	23	144	-34.39	650	375	401	235	165.61	2.420	
5000	4763	4761	4759	23	145	-42.26	650	375	362	196	166.48	2.176	
5050	4787	4785	4783	22	145	-51.48	651	375	323	156	167.25	1.931	
5100	4807	4805	4803	22	146	-61.43	651	375	284	116	167.92	1.692	
5150	4824	4822	4820	22	146	-71.23	650	375	247	78	168.50	1.466	Level 3
5200	4837	4835	4833	22	147	-79.60	650	375	213	44	168.97	1.263	Level 3
5250	4847	4844	4843	22	147	-85.73	650	375	186	17	169.30	1.101	Level 3
5300	4852	4850	4848	22	147	-89.21	650	375	170	1	169.46	1.004	Level 3
5332	4853	4851	4849	22	147	-90.00	650	375	167	-2	169.45	0.986	Level 3, CC, ES, SF
5353	4854	4851	4850	22	147	-89.91	650	375	168	-1	169.39	0.994	Level 3
5400	4853	4851	4849	23	147	-89.73	650	375	181	12	169.23	1.068	Level 3
5500	4852	4850	4848	24	147	-89.33	650	375	238	69	168.99	1.407	Level 3
5600	4851	4848	4847	25	147	-88.94	650	375	317	148	168.89	1.876	
5700	4850	4847	4846	26	147	-88.54	650	375	405	236	168.85	2.400	
5800	4848	4846	4844	28	147	-88.15	650	375	498	329	168.82	2.950	
5900	4847	4845	4843	30	147	-87.76	650	375	593	424	168.80	3.514	
6000	4846	4844	4842	31	147	-87.36	650	375	690	521	168.78	4.087	
6100	4845	4843	4841	33	147	-86.97	650	375	787	618	168.75	4.664	
6200	4844	4842	4840	35	147	-86.58	650	375	885	716	168.73	5.246	
6300	4843	4840	4839	37	147	-86.18	650	375	983	815	168.71	5.829	

DJR Operating

Lonestar Consulting, LLC

Anticollision Report

LONESTAR CONSULTING

Company:	DJR Operating	**Local Co-ordinate Reference:**	Well # 606H - Slot 4
Project:	Proposed Carson Unit	**TVD Reference:**	GL 6354' & RKB 14' @ 6368ft
Reference Site:	WC 22-2 Pad	**MD Reference:**	GL 6354' & RKB 14' @ 6368ft
Site Error:	0 ft	**North Reference:**	True
Reference Well:	# 606H	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0 ft	**Output errors are at**	2.00 sigma
Reference Wellbore	Original Drilling	**Database:**	Grand Junction
Reference Design:	APD	**Offset TVD Reference:**	Offset Datum

Offset Design: WC 22-2 Pad - Hunter Foster 1 - OH - OH

Offset Site Error: 0 ft

Survey Program: 126-INCLINOMETER

Rule Assigned:

Offset Well Error: 0 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
12,300	4774	4775	4774	183	145	-91.17	-4434	6329	981	750	231.44	4.240	
12,400	4773	4774	4773	186	145	-91.03	-4434	6329	896	654	241.25	3.713	
12,500	4771	4773	4771	188	145	-90.89	-4434	6329	813	560	252.78	3.217	
12,600	4770	4772	4770	191	145	-90.76	-4434	6329	735	469	266.29	2.761	
12,700	4769	4770	4769	193	145	-90.62	-4434	6329	663	381	281.88	2.352	
12,800	4768	4769	4768	196	145	-90.48	-4434	6329	599	299	299.28	2.001	
12,900	4767	4768	4767	198	145	-90.35	-4434	6329	546	228	317.45	1.718	
12,970	4766	4767	4766	200	145	-90.25	-4434	6329	516	187	329.53	1.567	CC, ES, SF

DJR Operating

Lonestar Consulting, LLC

Anticollision Report

LONESTAR CONSULTING

Company:	DJR Operating	**Local Co-ordinate Reference:**	Well # 606H - Slot 4
Project:	Proposed Carson Unit	**TVD Reference:**	GL 6354' & RKB 14' @ 6368ft
Reference Site:	WC 22-2 Pad	**MD Reference:**	GL 6354' & RKB 14' @ 6368ft
Site Error:	0 ft	**North Reference:**	True
Reference Well:	# 606H	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0 ft	**Output errors are at**	2.00 sigma
Reference Wellbore	Original Drilling	**Database:**	Grand Junction
Reference Design:	APD	**Offset TVD Reference:**	Offset Datum

Offset Design: WC 22-2 Pad - Lee Hixon 2 - OH - OH — **Offset Site Error:** 0 ft

Survey Program: 322-INCLINOMETER — **Rule Assigned:** — **Offset Well Error:** 0 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
11,200	4786	4794	4793	156	146	97.71	-4161	5206	948	775	173.81	5.456	
11,300	4785	4793	4792	158	146	96.91	-4161	5206	849	674	175.05	4.848	
11,400	4784	4792	4791	161	146	96.10	-4161	5206	749	573	176.70	4.240	
11,500	4783	4791	4790	163	145	95.28	-4161	5206	650	471	178.94	3.632	
11,600	4782	4790	4789	166	145	94.47	-4161	5206	551	369	182.13	3.024	
11,700	4781	4788	4788	168	145	93.65	-4161	5206	452	265	186.90	2.419	
11,800	4779	4787	4786	171	145	92.83	-4161	5206	354	160	194.62	1.820	
11,900	4778	4786	4785	173	145	92.01	-4161	5206	258	49	208.51	1.236	Level 3
12,000	4777	4785	4784	176	145	91.19	-4161	5206	166	-72	237.80	0.697	Level 3
12,100	4776	4784	4783	178	145	90.37	-4161	5206	92	-212	304.21	0.302	Level 3
12,145	4775	4783	4782	179	145	90.00	-4161	5206	80	-244	324.63	0.247	Level 3, CC, ES, SF
12,200	4775	4783	4782	181	145	89.55	-4161	5206	97	-194	291.12	0.334	Level 3
12,300	4774	4781	4781	183	145	88.73	-4161	5206	175	-51	225.87	0.773	Level 3
12,400	4773	4780	4780	186	145	87.91	-4161	5206	267	69	198.67	1.346	Level 3
12,500	4771	4779	4778	188	145	87.09	-4161	5206	364	178	185.93	1.957	
12,600	4770	4778	4777	191	145	86.27	-4161	5206	462	283	179.05	2.580	
12,700	4769	4777	4776	193	145	85.45	-4161	5206	561	386	174.98	3.205	
12,800	4768	4776	4775	196	145	84.64	-4161	5206	660	487	172.43	3.827	
12,900	4767	4775	4774	198	145	83.82	-4161	5206	759	588	170.76	4.446	
12,970	4766	4774	4773	200	145	83.25	-4161	5206	829	659	169.92	4.880	

DJR Operating

Lonestar Consulting, LLC

Anticollision Report

Company:	DJR Operating	**Local Co-ordinate Reference:**	Well # 606H - Slot 4
Project:	Proposed Carson Unit	**TVD Reference:**	GL 6354' & RKB 14' @ 6368ft
Reference Site:	WC 22-2 Pad	**MD Reference:**	GL 6354' & RKB 14' @ 6368ft
Site Error:	0 ft	**North Reference:**	True
Reference Well:	# 606H	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0 ft	**Output errors are at**	2.00 sigma
Reference Wellbore	Original Drilling	**Database:**	Grand Junction
Reference Design:	APD	**Offset TVD Reference:**	Offset Datum

Reference Depths are relative to GL 6354' & RKB 14' @ 6368ft
Offset Depths are relative to Offset Datum
Central Meridian is -107.83333333

Coordinates are relative to: # 606H - Slot 4
Coordinate System is US State Plane 1983, New Mexico Western Zone
Grid Convergence at Surface is: -0.16°

DJR Operating

Lonestar Consulting, LLC

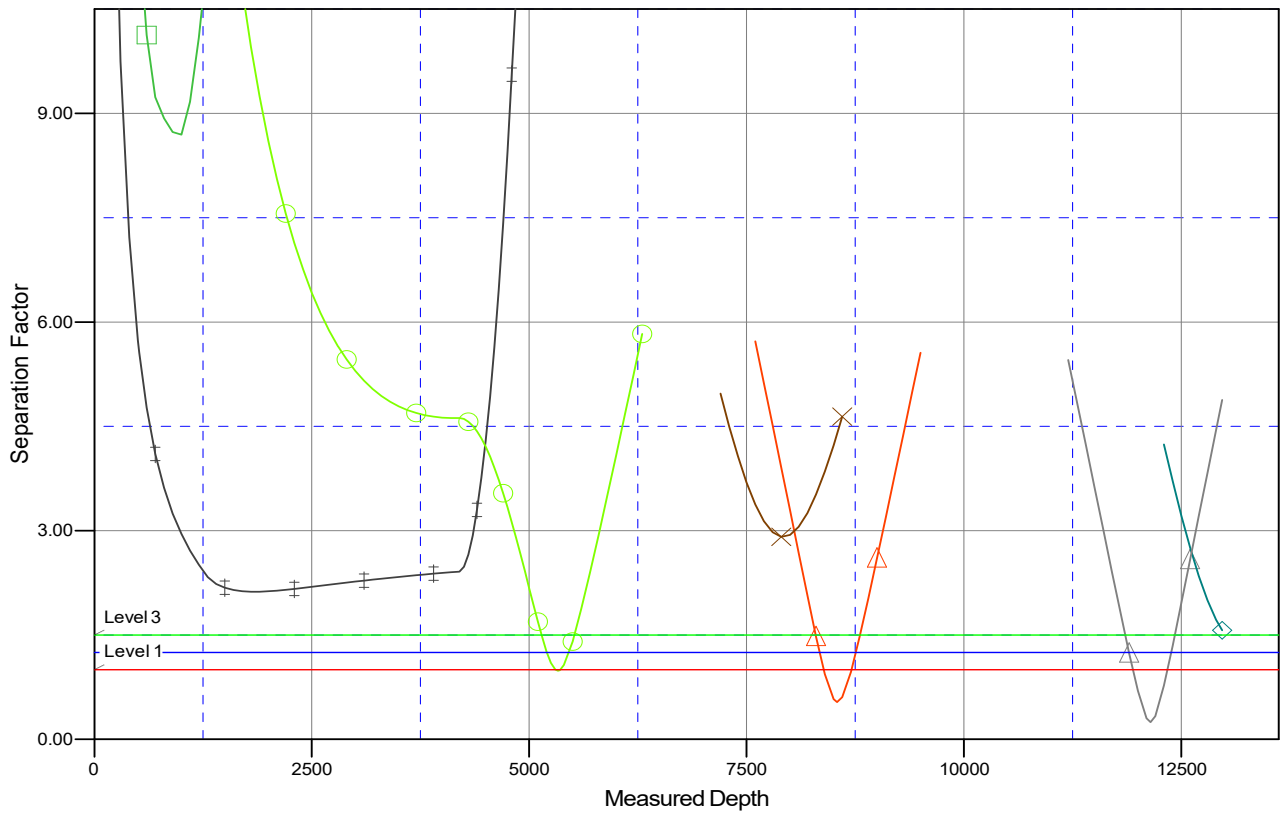
Anticollision Report

Company:	DJR Operating	**Local Co-ordinate Reference:**	Well # 606H - Slot 4
Project:	Proposed Carson Unit	**TVD Reference:**	GL 6354' & RKB 14' @ 6368ft
Reference Site:	WC 22-2 Pad	**MD Reference:**	GL 6354' & RKB 14' @ 6368ft
Site Error:	0 ft	**North Reference:**	True
Reference Well:	# 606H	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0 ft	**Output errors are at**	2.00 sigma
Reference Wellbore	Original Drilling	**Database:**	Grand Junction
Reference Design:	APD	**Offset TVD Reference:**	Offset Datum

Reference Depths are relative to GL 6354' & RKB 14' @ 6368ft
Offset Depths are relative to Offset Datum
Central Meridian is -107.83333333

Coordinates are relative to: # 606H - Slot 4
Coordinate System is US State Plane 1983, New Mexico Western Zone
Grid Convergence at Surface is: -0.16°

Separation Factor Plot



LEGEND

Bisti Gallup 22-16, OH, OH V0
631H, Original Drilling, APD V0
Hunter Foster 1, OH, OH V0
Bisti Gallup 22-15, OH, OH V0
627H, Original Drilling, APD V0
Lee Hixon 2, OH, OHV0
610H, Original Drilling, APD V0
Bisti Gallup 22-6, OH, OH V0

United States Department of the Interior

BUREAU OF LAND MANAGEMENT
Farmington District Office
6251 College Blvd, Suite A
Farmington, New Mexico 87402

In Reply Refer To:
3162.3-1(NMF0110)

* DJR OPERATING LLC

#606H CARSON UNIT

Lease: NMNM25449 Agreement: NMNM78385A
SH: NESW Section 22, T. 25 N., R. 12 W.
San Juan County, New Mexico
BH: SENW Section 26, T. 25 N., R. 12 W.
San Juan County, New Mexico
***Above Data Required on Well Sign**

GENERAL REQUIREMENTS FOR OIL AND GAS OPERATIONS ON FEDERAL AND INDIAN LEASES

The following special requirements apply and are effective when **checked**:

A. ☒ Note all surface/drilling conditions of approval attached.

B. ☒ The required wait on cement (WOC) time will be a minimum of 500 psi compressive strength at 60 degrees. Blowout preventor (BOP) nipple-up operations may then be initiated

C. ☐ Test the surface casing to a minimum of _____ psi for 30 minutes.

D. ☐ Test all casing strings below the surface casing to .22 psi/ft. of casing string length or 1500 psi, whichever is greater, but not to exceed 70% of the minimum internal yield burst) for a minimum of 30 minutes.

E. ☐ Communitization Agreement covering the acreage dedicated to this well must be filed for approval with the Bureau of Land Management, New Mexico State Office, Reservoir Management Group, 301 Dinosaur Trail, Santa Fe, New Mexico 87508.
The effective date of the agreement must be **prior** to any sales.

F. ☐ The use of co-flex hose is authorized contingent upon the following:
1. From the BOP to the choke manifold: the co-flex hose must be hobbled on both ends and saddle to prevent whip.
2. From the choke manifold to the discharge tank: the co-flex hoses must be as straight as practical, hobbled on both ends and anchored to prevent whip.
3. The co-flex hose pressure rating must be at least commensurate with approved BOPE.

Approval Date: 09/19/2025

I. GENERAL

A. Full compliance with all applicable laws and regulations, with the approved Permit to drill, and with the approved Surface Use and Operations Plan is required. Lessees and/or operators are fully accountable for the actions of their contractors and subcontractors. Failure to comply with these requirements and the filing of required reports will result in strict enforcement pursuant to 43 CFR 3163.1 or 3163.2.

B. Each well shall have a well sign in legible condition from spud date to final abandonment. The sign should show the operator's name, lease serial number, or unit name, well number, location of the well, and whether lease is Tribal or Allotted, (See 43 CFR 3162.6(b)).

C. A complete copy of the approved Application for Permit to Drill, along with any conditions of approval, shall be available to authorized personnel at the drill site whenever active drilling operations are under way.

D. For Wildcat wells only, a drilling operations progress report is to be submitted, to the BLM-Field Office, weekly from the spud date until the well is completed and the Well Completion Report is filed. The report should be on 8-1/2 x 11 inch paper, and each page should identify the well by; operator's name, well number, location and lease number.

E. As soon as practical, notice is required of all blowouts, fires and accidents involving life-threatening injuries or loss of life. (See NTL-3A).

F. BOP equipment (except the annular preventer) shall be tested utilizing a test plug to full working pressure for 10 minutes. No bleed-off of pressure is acceptable. (See 43 CFR 3172.6(b)(9)(ii)).

G. The operator shall have sufficient weighting materials and lost circulation materials on location in the event of a pressure kick or in the event of lost circulation. (See 43 CFR 3172.8(a)).

H. The flare line(s) discharge shall be located not less than 100 feet from the well head, having straight lines unless turns are targeted with running tees, and shall be positioned downwind of the prevailing wind direction and shall be anchored. The flare system shall have an effective method for ignition. Where noncombustible gas is likely or expected to be vented, the system shall be provided supplemental fuel for ignition and to maintain a continuous flare. (See 43 CFR 3172.8(b)(7)).

I. Prior approval by the BLM-Authorized Office (Drilling and Production Section) is required for variance from the approved drilling program and before commencing plugging operations, plug back work, casing repair work, corrective cementing operations, or suspending drilling operations indefinitely. Emergency approval may be obtained orally, but such approval is contingent upon filing of a Notice of Intent sundry within three business days. **Any changes to the approved plan or any questions regarding drilling operations should be directed to BLM during regular business hours at 505-564-7600. Emergency program changes after hours should be directed to Virgil Lucero at 505-793-1836.**

J. The Inspection and Enforcement Section (I&E), phone number (505-564-7750) is to be notified at least 24 hours in advance of BOP test, spudding, cementing, or plugging operations so that a BLM representative may witness the operations.

L. From the time drilling operations are initiated and until drilling operations are completed, a member of the drilling crew or the tool pusher shall maintain rig surveillance at all times, unless the well is secured with blowout preventers or cement plugs.

M. If for any reason, drilling operations are suspended for more than 90 days, a written notice must be provided to this office outlining your plans for this well.

N. **Commingling**: No production (oil, gas, and water) from the subject well should start until Sundry Notices (if necessary) granting variances from applicable regulations as related to commingling and off-lease measurement are approved by this office. (See 43 CFR 3173.14)

II. REPORTING REQUIREMENTS

A. For reporting purposes, all well Sundry notices, well completion and other well actions shall be referenced by the appropriate lease, communitization agreement and/or unit agreement numbers.

B. The following reports shall be filed with the BLM-Authorized Officer online through AFMSS 2 within 30 days after the work is completed.

1. Provide complete information concerning.

   a. Setting of each string of casing. Show size and depth of hole, grade and weight of casing, depth set, depth of all cementing tools that are used, amount (in cubic feet) and types of cement used, whether cement circulated to surface and all cement tops in the casing annulus, casing test method and results, and the date work was done. Show spud date on first report submitted.

   b. Intervals tested, perforated (include size, number and location of perforations), acidized, or fractured; and results obtained. Provide date work was done on well completion report and completion sundry notice.

   c. Subsequent Report of Abandonment, show the way the well was plugged, including depths where casing was cut and pulled, intervals (by depths) where cement plugs were replaced, and dates of the operations.

2. Well Completion Report will be submitted with 30 days after well has been completed.

   a. Initial Bottom Hole Pressure (BHP) for the producing formations. Show the BHP on the completion report. The pressure may be: 1) measured with a bottom hole bomb, or; 2) calculated based on shut in surface pressures (minimum seven day buildup) and fluid level shot.

3. Submit a cement evaluation log if cement is not circulated to surface.

C. Production Startup Notification is required no later than the 5th business day after any well begins production on which royalty is due anywhere on a lease site or allocated to a lease site or resumes production in the case of a well which has been off production for more than 90 days. The operator shall notify the Authorized Officer by letter or Sundry Notice, Form 3160-5, or orally to be followed by a letter or Sundry Notice, of the date on which such production has begun or resumed. CFR 43 3162.4-1(c).

III. DRILLER'S LOG

The following shall be entered in the daily driller's log: 1) Blowout preventer pressures tests, including test pressures and results, 2) Blowout preventer tests for proper functioning, 3) Blowout prevention drills conducted, 4) Casing run, including size, grade, weight, and depth set, 5) How pipe was cemented, including amount of cement, type, whether cement circulated to surface, location of cementing tools, etc., 6) Waiting on cement time for each casing string, 7) Casing pressure tests after cementing, including test pressure and results, and 8) Estimated amounts of oil and gas recovered and/or produced during drill stem test.

IV. GAS FLARING

Gas produced from this well may not be vented or flared beyond an initial, authorized test period of * Days, 20 MMCF following its (completion)(recompletion), or flowback has been routed to the production separator, whichever first occurs, without the prior, written approval of the authorized officer in accordance with 43 CFR 3179.81. Should gas be vented or flared without approval beyond the test period authorized above, you may be directed to shut-in the well until the gas can be captured or approval to continue venting or flaring as uneconomic is granted. You shall be required to compensate the lessor for the portion of the gas vented or flared without approval which is determined to have been avoidably lost.

*30 days, unless a longer test period is specifically approved by the authorized officer. The 30-day period will commence upon the beginning of flowback following completion or recompletion.

V. SAFETY

A. All rig heating stoves are to be of the explosion-proof type.

B. Rig safety lines are to be installed.

C. Hard hats and other Personal Protective Equipment (PPE) must be utilized.

VI. CHANGE OF PLANS OR ABANDONMENT

A. Any changes of plans required to mitigate unanticipated conditions encountered during drilling operations, will require approval as set forth in Section 1.I.

B. If the well is dry, it is to be plugged in accordance with 43 CFR 3162.3-4, approval of the proposed plugging program is required as set forth in Section 1.I. The report should show the total depth reached, the reason for plugging, and the proposed intervals, by depths, where cement plugs are to be placed, type of plugging mud, etc. A Subsequent Report of Abandonment is required as set forth in Section II.B.1c.

C. Unless a well has been properly cased and cemented, or properly plugged, the drilling rig must not be moved from the drill site without prior approval from the BLM-Authorized Officer.

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
https://www.emnrd.nm.gov/ocd/contact-us

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

ACKNOWLEDGMENTS

Operator: DJR OPERATING, LLC 200 Energy Court Farmington, NM 87401	OGRID: 371838
	Action Number: 523256
	Action Type: [C-101] BLM - Federal/Indian Land Lease (Form 3160-3)

ACKNOWLEDGMENTS

☑	I hereby certify that no additives containing PFAS chemicals will be added to the completion or recompletion of this well.

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
https://www.emnrd.nm.gov/ocd/contact-us

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 523256

CONDITIONS

Operator:	OGRID:
DJR OPERATING, LLC 200 Energy Court Farmington, NM 87401	371838
	Action Number: 523256
	Action Type: [C-101] BLM - Federal/Indian Land Lease (Form 3160-3)

CONDITIONS

Created By	Condition	Condition Date
scrues76	Cement is required to circulate on both surface and intermediate1 strings of casing.	11/5/2025
scrues76	If cement does not circulate on any string, a Cement Bond Log (CBL) is required for that string of casing.	11/5/2025
ward.rikala	Notify the OCD 24 hours prior to casing & cement.	11/5/2025
ward.rikala	File As Drilled C-102 and a directional Survey with C-104 completion packet.	11/5/2025
ward.rikala	Once the well is spud, to prevent ground water contamination through whole or partial conduits from the surface, the operator shall drill without interruption through the fresh water zone or zones and shall immediately set in cement the water protection string.	11/5/2025
ward.rikala	Oil base muds are not to be used until fresh water zones are cased and cemented providing isolation from the oil or diesel. This includes synthetic oils. Oil based mud, drilling fluids and solids must be contained in a steel closed loop system.	11/5/2025
ward.rikala	Administrative order required for non-standard spacing unit prior to production.	11/5/2025