

Well Name: SND 14 23 FED COM	Well Location: T24S / R31E / SEC 23 / SWSW / 32.197443 / -103.75589	County or Parish/State: EDDY / NM
Well Number: 119H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM57274	Unit or CA Name:	Unit or CA Number: NMNM143539
US Well Number:	Operator: CHEVRON USA INCORPORATED	

Notice of Intent

Sundry ID: 2795840

Type of Submission: Notice of Intent	Type of Action: APD Change
Date Sundry Submitted: 06/18/2024	Time Sundry Submitted: 09:04
Date proposed operation will begin: 06/18/2024	

Procedure Description: CHEVRON USA INC REQUEST TO UPDATE THE TARGET ZONE DEPTH AND THE LATERAL DISTANCE FOR THIS WELL AS MENTIONED BELOW. ATTACHED ARE THE UPDATED AND REVISED C-102, 9 POINT DRILLING PLAN AND THE DIRECTIONAL DRILLING PLAN. Target change - Updated target to TBS (initially permitted with AVU target) Lateral change - Updated lateral footage to 1736' FWL (initially permitted at 550' FWL)

NOI Attachments

Procedure Description

- DefPlan100ft_SND1423FedCom119H_R2_20240618090350.pdf
- SND_14_23_FED_COM_119H__9_PT_DRILLING_PLAN_20240618090342.pdf
- SND_14_23_FED_COM_119H__SIGNED_C102_20240618090317.pdf

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Well Number: 119H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM57274	Unit or CA Name:	Unit or CA Number: NMNM143539
US Well Number:	Operator: CHEVRON USA INCORPORATED	

Operator

I certify that the foregoing is true and correct. 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. Electronic submission of Sundry Notices through this system satisfies regulations requiring a

Operator Electronic Signature: JENNIFER SMITH
Signed on: JUN 18, 2024 09:04 AM
Name: CHEVRON USA INCORPORATED
Title: Sr. Permitting Coordinator
Street Address: 1400 SMITH ST
City: HOUSTON State: TX
Phone: (713) 372-7541
Email address: JHIO@CHEVRON.COM

Field

Representative Name:
Street Address:
City: State: Zip:
Phone:
Email address:

BLM Point of Contact

BLM POC Name: CHRISTOPHER WALLS
BLM POC Title: Petroleum Engineer
BLM POC Phone: 5752342234
BLM POC Email Address: cwalls@blm.gov
Disposition: Approved
Disposition Date: 08/27/2024
Signature: Chris Walls

Form 3160-5 (June 2019)	UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT	FORM APPROVED OMB No. 1004-0137 Expires: October 31, 2021
SUNDRY NOTICES AND REPORTS ON WELLS <i>Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.</i>		5. Lease Serial No. NMNM57274
		6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other instructions on page 2		7. If Unit of CA/Agreement, Name and/or No. NMNM143539
1. Type of Well ☒ Oil Well ☐ Gas Well ☐ Other		8. Well Name and No. SND 14 23 FED COM/119H
2. Name of Operator CHEVRON USA INCORPORATED		9. API Well No.
3a. Address PO BOX 1392, BAKERSFIELD, CA 93302	3b. Phone No. (include area code) (661) 633-4000	10. Field and Pool or Exploratory Area COTTON DRAW/BONE SPRING
4. Location of Well (Footage, Sec., T.,R.,M., or Survey Description) SEC 23/T24S/R31E/NMP		11. Country or Parish, State EDDY/NM

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA				
TYPE OF SUBMISSION	TYPE OF ACTION			
☒ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☐ Subsequent Report	☐ Alter Casing	☐ Hydraulic Fracturing	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☐ Other
	☒ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be perfonned or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has detennined that the site is ready for final inspection.)

CHEVRON USA INC REQUEST TO UPDATE THE TARGET ZONE DEPTH AND THE LATERAL DISTANCE FOR THIS WELL AS MENTIONED BELOW. ATTACHED ARE THE UPDATED AND REVISED C-102, 9 POINT DRILLING PLAN AND THE DIRECTIONAL DRILLING PLAN.

- Target change
- Updated target to TBS (initially permitted with AVU target)
- Lateral change
- Updated lateral footage to 1736 FWL (initially permitted at 550 FWL)

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed) JENNIFER SMITH / Ph: (713) 372-7541	Sr. Permitting Coordinator	
	Title	
(Electronic Submission)	Date	06/18/2024
Signature		

THE SPACE FOR FEDERAL OR STATE OFFICE USE		
Approved by CHRISTOPHER WALLS / Ph: (575) 234-2234 / Approved	Petroleum Engineer	08/27/2024
Conditions of approval, if any, are attached. Approval of this notice 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.	Title	Date
	Office CARLSBAD	

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.

(Instructions on page 2)

GENERAL INSTRUCTIONS

This form is designed for submitting proposals to perform certain well operations and reports of such operations when completed as indicated on Federal and Indian lands pursuant to applicable Federal law and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local area or regional procedures and practices, are either shown below, will be issued by or may be obtained from the local Federal office.

SPECIFIC INSTRUCTIONS

Item 4 - Locations on Federal or Indian land should be described in accordance with Federal requirements. Consult the local Federal office for specific instructions.

Item 13: Proposals to abandon a well and subsequent reports of abandonment should include such special information as is required by the local Federal office. In addition, such proposals and reports should include reasons for the abandonment; data on any former or present productive zones or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, method of parting of any casing, liner or tubing pulled and the depth to the top of any tubing left in the hole; method of closing top of well and date well site conditioned for final inspection looking for approval of the abandonment. If the proposal will involve **hydraulic fracturing operations**, you must comply with 43 CFR 3162.3-3, including providing information about the protection of usable water. Operators should provide the best available information about all formations containing water and their depths. This information could include data and interpretation of resistivity logs run on nearby wells. Information may also be obtained from state or tribal regulatory agencies and from local BLM offices.

NOTICES

The privacy Act of 1974 and the regulation in 43 CFR 2.48(d) provide that you be furnished the following information in connection with information required by this application.

AUTHORITY: 30 U.S.C. 181 et seq., 351 et seq., 25 U.S.C. 396; 43 CFR 3160.

PRINCIPAL PURPOSE: The information is used to: (1) Evaluate, when appropriate, approve applications, and report completion of subsequent well operations, on a Federal or Indian lease; and (2) document for administrative use, information for the management, disposal and use of National Resource lands and resources, such as: (a) evaluating the equipment and procedures to be used during a proposed subsequent well operation and reviewing the completed well operations for compliance with the approved plan; (b) requesting and granting approval to perform those actions covered by 43 CFR 3162.3-2, 3162.3-3, and 3162.3-4; (c) reporting the beginning or resumption of production, as required by 43 CFR 3162.4-1(c) and (d) analyzing future applications to drill or modify operations in light of data obtained and methods used.

ROUTINE USES: Information from the record and/or the record will be transferred to appropriate Federal, State, local or foreign agencies, when relevant to civil, criminal or regulatory investigations or prosecutions in connection with congressional inquiries or to consumer reporting agencies to facilitate collection of debts owed the Government.

EFFECT OF NOT PROVIDING THE INFORMATION: Filing of this notice and report and disclosure of the information is mandatory for those subsequent well operations specified in 43 CFR 3162.3-2, 3162.3-3, 3162.3-4.

The Paperwork Reduction Act of 1995 requires us to inform you that:

The BLM collects this information to evaluate proposed and/or completed subsequent well operations on Federal or Indian oil and gas leases.

Response to this request is mandatory.

The BLM would like you to know that you do not have to respond to this or any other Federal agency-sponsored information collection unless it displays a currently valid OMB control number.

BURDEN HOURS STATEMENT: Public reporting burden for this form is estimated to average 8 hours per response, including the time for reviewing instructions, gathering and maintaining data, and completing and reviewing the form. Direct comments regarding the burden estimate or any other aspect of this form to U.S. Department of the Interior, Bureau of Land Management (1004-0137), Bureau Information Collection Clearance Officer (WO-630), 1849 C St., N.W., Mail Stop 401 LS, Washington, D.C. 20240

Additional Information

Location of Well

0. SHL: SWSW / 671 FSL / 384 FWL / TWSP: 24S / RANGE: 31E / SECTION: 23 / LAT: 32.197443 / LONG: -103.75589 (TVD: 0 feet, MD: 0 feet)

PPP: NWNW / 1320 FNL / 550 FWL / TWSP: 24S / RANGE: 31E / SECTION: 23 / LAT: 32.206483 / LONG: -103.755362 (TVD: 8156 feet, MD: 8223 feet)

PPP: SWSW / 0 FNL / 550 FWL / TWSP: 24S / RANGE: 31E / SECTION: 14 / LAT: 32.210113 / LONG: -103.755366 (TVD: 8156 feet, MD: 8223 feet)

PPP: SWSW / 100 FSL / 550 FWL / TWSP: 24S / RANGE: 31E / SECTION: 23 / LAT: 32.195872 / LONG: -103.755352 (TVD: 8156 feet, MD: 8223 feet)

PPP: SWNW / 2640 FNL / 550 FWL / TWSP: 24S / RANGE: 31E / SECTION: 23 / LAT: 32.202854 / LONG: -103.755359 (TVD: 8156 feet, MD: 8223 feet)

PPP: SWNW / 2641 FNL / 550 FWL / TWSP: 24S / RANGE: 31E / SECTION: 14 / LAT: 32.217373 / LONG: -103.755374 (TVD: 8156 feet, MD: 8223 feet)

BHL: NWNW / 25 FNL / 550 FWL / TWSP: 24S / RANGE: 31E / SECTION: 14 / LAT: 32.224564 / LONG: -103.755383 (TVD: 8493 feet, MD: 18797 feet)



SND 14 23 Fed Com 119H R2 mdv 14Jun24 Proposal Geodetic Report

Def Plan

Report Date:	June 14, 2024 - 09:26 PM (UTC 0)	Survey / DLS Computation:	Minimum Curvature / Lubinski
Client:	Chevron	Vertical Section Azimuth:	359.640 °(GRID North)
Field:	NM, Eddy County (NAD 27 E2)	Vertical Section Origin:	0.000 ft, 0.000 ft
Structure / Slot:	Chevron SMD Pad 619 / 119H	TVD Reference Datum:	RKB
Well:	SND 14 23 Fed Com 119H	TVD Reference Elevation:	3563.000 ft above MSL
Borehole:	SND 14 23 Fed Com 119H	Seabed / Ground Elevation:	3538.000 ft above MSL
UBH / API#:	Unknown / Unknown	Magnetic Declination:	6.379°
Survey Name:	SND 14 23 Fed Com 119H R2 mdv 14Jun24	Total Gravity Field Strength:	998.4262mgn (9.80665 Based)
Survey Date:	June 14, 2024	Gravity Model:	GARM
Ton / AHD / DDI / ERD Ratio:	154.445' / 12064.813 ft / 6.548 / 1.033	Total Magnetic Field Strength:	47482.548 nT
Coordinate Reference System:	NAD27 New Mexico State Plane, Eastern Zone, US Feet	Magnetic Dip Angle:	59.757°
Location Lat / Long:	32°11'50.34900"N , 103°45'19.46162"W	Declination Date:	April 18, 2023
Location Grid N/E Y/X:	N 435985.000 RUS , E 678771.000 RUS	Magnetic Declination Model:	HOGM 2023
CRS Grid Convergence Angle:	0.308°	North Reference:	Grid North
Grid Scale Factor:	0.99994569(Applied)	Grid Convergence Used:	0.308°
Version / Patch:	2024.2.0.1	Total Corr Mag North→Grid North:	6.071°
		Local Coord Referenced To:	Well Head

Comments	MD (ft)	Incl (°)	Azim (°)	TVD (ft)	TVDSS (ft)	VSEC (ft)	NS (ft)	EW (ft)	DLS (ft/100ft)	Northing (ftUS)	Easting (ftUS)	Latitude (°)	Longitude (°)
Surface	0.00	0.00	170.00	0.00	-3.563.00	0.00	0.00	0.00	0.00	435,985.00	678,771.00	32.19731917	-103.75540601
	100.00	0.00	160.00	100.00	-3.463.00	0.00	0.00	0.00	0.00	435,985.00	678,771.00	32.19731917	-103.75540601
	200.00	0.00	160.00	200.00	-3.363.00	0.00	0.00	0.00	0.00	435,985.00	678,771.00	32.19731917	-103.75540601
	300.00	0.00	160.00	300.00	-3.263.00	0.00	0.00	0.00	0.00	435,985.00	678,771.00	32.19731917	-103.75540601
	400.00	0.00	160.00	400.00	-3.163.00	0.00	0.00	0.00	0.00	435,985.00	678,771.00	32.19731917	-103.75540601
	500.00	1.50	160.00	499.99	-3.063.01	-1.23	-1.23	0.45	1.50	435,983.77	678,771.45	32.19731578	-103.75540458
Build 1.5"/100ft	600.00	3.00	160.00	599.91	-2.963.09	-4.93	-4.92	1.79	1.50	435,980.08	678,772.79	32.19730562	-103.75540030
	700.00	4.50	160.00	699.69	-2.863.31	-11.09	-11.06	4.03	1.50	435,973.94	678,775.03	32.19728869	-103.75539318
	800.00	6.00	160.00	799.27	-2.763.73	-19.71	-19.66	7.16	1.50	435,965.34	678,778.16	32.19726501	-103.75538321
	883.29	7.25	160.00	882.00	-2.681.00	-28.76	-28.69	10.44	1.50	435,956.31	678,781.44	32.19724015	-103.75537275
	900.00	7.50	160.00	886.57	-2.664.43	-30.78	-30.71	11.18	1.50	435,954.29	678,782.18	32.19723460	-103.75537041
	908.50	7.63	160.00	907.00	-2.656.00	-31.83	-31.76	11.56	1.50	435,953.24	678,782.56	32.19723170	-103.75536919
Rustler Los Medaños M-1 Unit	1,000.00	9.00	160.00	997.54	-2.565.46	-44.29	-44.19	16.08	1.50	435,940.81	678,787.08	32.19719746	-103.75535478
	1,024.78	9.37	160.00	1,022.00	-2.541.00	-48.02	-47.91	17.44	1.50	435,937.09	678,788.44	32.19718722	-103.75535047
	1,100.00	10.50	160.00	1,096.09	-2.466.91	-60.24	-60.10	21.88	1.50	435,924.90	678,792.87	32.19715364	-103.75533634
	1,200.00	12.00	160.00	1,194.16	-2.368.84	-78.61	-78.44	28.55	1.50	435,906.57	678,799.55	32.19710315	-103.75531509
	1,300.00	13.50	160.00	1,291.70	-2.271.30	-99.40	-99.17	36.10	1.50	435,885.83	678,807.09	32.19704603	-103.75529105
	1,400.00	15.00	160.00	1,388.62	-2.174.38	-122.58	-122.30	44.52	1.50	435,862.70	678,815.51	32.19698233	-103.75526424
Turn 1.5"/100ft	1,500.00	16.50	160.00	1,484.86	-2.078.14	-148.15	-147.81	53.80	1.50	435,837.20	678,824.80	32.19691208	-103.75523467
	1,600.00	15.88	155.09	1,580.90	-1.982.10	-173.97	-173.57	64.42	1.50	435,811.44	678,835.42	32.19684113	-103.75520079
	1,700.00	15.38	149.84	1,677.20	-1.885.80	-197.93	-197.45	76.85	1.50	435,787.56	678,847.84	32.19677530	-103.75516104
	1,800.00	15.02	144.29	1,773.71	-1.789.29	-220.01	-219.44	91.07	1.50	435,765.57	678,862.07	32.19671464	-103.75511543
	1,900.00	14.79	138.53	1,870.35	-1.692.65	-240.19	-239.53	107.09	1.50	435,745.49	678,878.08	32.19665920	-103.75506401
	2,000.00	14.71	132.64	1,967.06	-1.595.94	-258.47	-257.69	124.88	1.50	435,727.33	678,895.87	32.19660901	-103.75500681
Hold	2,100.00	14.78	126.75	2,063.77	-1.499.23	-274.82	-273.92	144.44	1.50	435,711.09	678,915.43	32.19656410	-103.75494387
	2,200.00	14.99	120.97	2,160.42	-1.402.58	-289.24	-288.21	165.75	1.50	435,696.81	678,936.74	32.19652451	-103.75487524
	2,300.00	15.05	115.40	2,256.94	-1.306.06	-301.72	-300.54	188.80	1.50	435,684.47	678,959.79	32.19649027	-103.75480954
	2,400.00	15.84	110.12	2,353.26	-1.209.74	-312.25	-310.92	213.57	1.50	435,674.10	678,984.56	32.19646139	-103.75472105
	2,500.00	16.45	105.19	2,449.33	-1.113.67	-320.82	-319.32	240.05	1.50	435,665.70	679,011.03	32.19643790	-103.75463562
	2,508.30	16.50	104.79	2,457.29	-1.105.71	-321.44	-319.93	242.32	1.50	435,665.09	679,013.31	32.19643620	-103.75462828
Castille (CSTL)	2,600.00	16.50	104.79	2,545.21	-1.017.79	-328.25	-326.58	267.50	0.00	435,658.44	679,038.49	32.19641754	-103.75454699
	2,700.00	16.50	104.79	2,641.09	-921.91	-335.68	-333.83	294.97	0.00	435,651.19	679,065.95	32.19639720	-103.75445835
	2,800.00	16.50	104.79	2,736.97	-826.03	-343.10	-341.08	322.43	0.00	435,643.94	679,093.41	32.19637686	-103.75436970
	2,879.30	16.50	104.79	2,813.00	-750.00	-348.99	-346.84	344.21	0.00	435,638.18	679,115.19	32.19636073	-103.75429941
	2,900.00	16.50	104.79	2,832.85	-730.15	-350.53	-348.34	349.89	0.00	435,636.68	679,120.87	32.19635652	-103.75428106
	3,000.00	16.50	104.79	2,928.73	-634.27	-357.95	-355.59	377.36	0.00	435,629.43	679,148.33	32.19633617	-103.75419241
Lamar (LMAR)	3,100.00	16.50	104.79	3,024.61	-538.39	-365.38	-362.84	404.82	0.00	435,622.18	679,175.80	32.19631583	-103.75410377
	3,200.00	16.50	104.79	3,120.50	-442.50	-372.80	-370.48	432.28	0.00	435,614.93	679,203.26	32.19629549	-103.75401512
	3,300.00	16.50	104.79	3,216.38	-346.62	-380.23	-377.35	459.74	0.00	435,607.67	679,230.72	32.19627515	-103.75392648
	3,400.00	16.50	104.79	3,312.26	-250.74	-387.65	-384.60	487.21	0.00	435,600.42	679,258.18	32.19625480	-103.75383783
	3,500.00	16.50	104.79	3,408.14	-154.86	-395.08	-391.85	514.67	0.00	435,593.17	679,285.64	32.19623446	-103.75374919
	3,600.00	16.50	104.79	3,504.02	-58.98	-402.50	-399.11	542.13	0.00	435,585.92	679,313.10	32.19621412	-103.75366054
Bel Canyon (BEL)	3,700.00	16.50	104.79	3,599.90	36.90	-409.93	-406.36	569.60	0.00	435,578.66	679,340.56	32.19619378	-103.75357190
	3,800.00	16.50	104.79	3,695.78	132.78	-417.35	-413.75	597.06	0.00	435,571.41	679,368.02	32.19617344	-103.75348325
	3,900.00	16.50	104.79	3,791.66	228.66	-424.78	-420.86	624.52	0.00	435,564.16	679,395.49	32.19615309	-103.75339461
	4,000.00	16.50	104.79	3,887.54	324.54	-432.21	-428.12	651.98	0.00	435,556.91	679,422.95	32.19613275	-103.75330596
	4,100.00	16.50	104.79	3,983.43	420.43	-439.63	-435.37	679.45	0.00	435,549.65	679,450.41	32.19611240	-103.75321732
	4,200.00	16.50	104.79	4,079.31	516.31	-447.06	-442.62	706.91	0.00	435,542.40	679,477.87	32.19609206	-103.75312867
Lamar (LMAR)	4,300.00	16.50	104.79	4,175.19	612.19	-454.48	-449.89	734.37	0.00	435,535.15	679,505.33	32.19607172	-103.75304003
	4,400.00	16.50	104.79	4,271.07	708.07	-461.93	-457.13	761.83	0.00	435,527.90	679,532.79	32.19605137	-103.75295138
	4,500.00	16.50	104.79	4,366.95	803.95	-469.33	-464.38	789.30	0.00	435,520.65	679,560.25	32.19603103	-103.75286274
	4,600.00	16.50	104.79	4,462.83	899.83	-476.76	-471.63	816.76	0.00	435,513.39	679,587.71	32.19601069	-103.75277409
	4,622.08	16.50	104.79	4,484.00	921.00	-478.40	-473.24	822.82	0.00	435,511.79	679,593.78	32.19600062	-103.75274552
	4,669.01	16.50	104.79	4,529.00	966.00	-481.88	-476.64	835.71	0.00	435,508.39	679,606.67	32.19599665	-103.75271292
Cherry Canyon (CHR)	4,700.00	16.50	104.79	4,558.71	1,005.11	-484.18	-478.51	844.22	0.00	435,506.14	679,615.19	32.19599024	-103.75268545
	4,800.00	16.50	104.79	4,654.59	1,091.59	-491.61	-486.14	871.69	0.00	435,498.89	679,642.64	32.19597000	-103.75259681
	4,900.00	16.50	104.79	4,750.47	1,187.47	-499.03	-493.39	899.15	0.00	435,491.64	679,670.10	32.19594966	-103.75250816
	5,000.00	16.50	104.79	4,846.36	1,283.36	-506.46	-500.64	926.61	0.00	435,484.38	679,697.56	32.19592931	-103.75242057
	5,100.00	16.50	104.79	4,942.24	1,379.24	-513.88	-507.90	954.07	0.00	435,477.13	679,725.02	32.19590987	-103.75233192
	5,200.00	16.50	104.79	5,038.12	1,475.12	-521.31	-515.15	981.54	0.00	435,469.88	679,752.48	32.19589063	-103.75224323
Drop 0.75"/100ft	5,300.00	16.50	104.79	5,134.00	1,571.00	-528.73	-522.40	1,009.00	0.00	435,462.63	679,779.94	32.19586928	-103.75215388
	5,400.00	16.50	104.79	5,229.88	1,666.88	-536.16	-529.66	1,036.46	0.00	435,455.37	679,807.40	32.19584794	-103.75206494
	5,452.38	16.50	104.79	5,280.11	1,717.11	-540.05	-533.46	1,050.85	0.00	435,451.57	679,821.79	32.19583728	-103.75201851
	5,500.00	16.14	104.79	5,325.80	1,762.80	-543.55	-536.87	1,063.79	0.75	435,448.16	679,834.73	32.19582770	-103.75197674
	5,586.47	15.50	104.79	5,409.00	1,846.00	-549.71	-542.89	1,068.58	0.75	435,442.14	679,857.52	32.19581081	-103.75190317
	5,600.00	15.39	104.79	5,422.04	1,859.04	-550.65	-543.81	1,090.06	0.75	435,441.22	679,861.00	32.19580823	-103.75189193
Brushy Canyon (BCN)	5,700.00	15.39	104.79	5,518.62	1,955.62	-557.13	-549.97	1,115.97	0.75	435,439.62	679,869.46	32.19579896	-103.75186456
	5,800.00	13.89	104.79	5,615.54	2,052.54	-563.87	-5566.						

Comments	MD (ft)	Incl (°)	Azim (°)	TVD (ft)	TVDSS (ft)	VSEC (ft)	NS (ft)	EW (ft)	DLS (ft/100ft)	Northing (ftUS)	Easting (ftUS)	Latitude (°)	Longitude (°)	
First Bone Spring Upper (FBU)	9,400.00	0.00	104.79	9,197.43	5,634.43	-622.30	-613.80	1,355.08	0.00	435,371.23	680,126.00	32.19561191	-103.75103653	
	9,500.00	0.00	104.79	9,297.43	5,734.43	-622.30	-613.80	1,355.08	0.00	435,371.23	680,126.00	32.19561191	-103.75103653	
	9,600.00	0.00	104.79	9,397.43	5,834.43	-622.30	-613.80	1,355.08	0.00	435,371.23	680,126.00	32.19561191	-103.75103653	
	9,607.57	0.00	104.79	9,405.00	5,842.00	-622.30	-613.80	1,355.08	0.00	435,371.23	680,126.00	32.19561191	-103.75103653	
	9,700.00	0.00	104.79	9,497.43	5,934.43	-622.30	-613.80	1,355.08	0.00	435,371.23	680,126.00	32.19561191	-103.75103653	
First Bone Spring Lower (FBL)	9,800.00	0.00	104.79	9,597.43	6,034.43	-622.30	-613.80	1,355.08	0.00	435,371.23	680,126.00	32.19561191	-103.75103653	
	9,806.57	0.00	104.79	9,604.00	6,041.00	-622.30	-613.80	1,355.08	0.00	435,371.23	680,126.00	32.19561191	-103.75103653	
	9,900.00	0.00	104.79	9,697.43	6,134.43	-622.30	-613.80	1,355.08	0.00	435,371.23	680,126.00	32.19561191	-103.75103653	
	10,000.00	0.00	104.79	9,797.43	6,234.43	-622.30	-613.80	1,355.08	0.00	435,371.23	680,126.00	32.19561191	-103.75103653	
	10,100.00	0.00	104.79	9,897.43	6,334.43	-622.30	-613.80	1,355.08	0.00	435,371.23	680,126.00	32.19561191	-103.75103653	
Second Bone Spring Upper (SBU)	10,200.00	0.00	104.79	9,997.43	6,434.43	-622.30	-613.80	1,355.08	0.00	435,371.23	680,126.00	32.19561191	-103.75103653	
	10,241.57	0.00	104.79	10,039.00	6,476.00	-622.30	-613.80	1,355.08	0.00	435,371.23	680,126.00	32.19561191	-103.75103653	
	10,300.00	0.00	104.79	10,097.43	6,534.43	-622.30	-613.80	1,355.08	0.00	435,371.23	680,126.00	32.19561191	-103.75103653	
	10,400.00	0.00	104.79	10,197.43	6,634.43	-622.30	-613.80	1,355.08	0.00	435,371.23	680,126.00	32.19561191	-103.75103653	
	10,500.00	0.00	104.79	10,297.43	6,734.43	-622.30	-613.80	1,355.08	0.00	435,371.23	680,126.00	32.19561191	-103.75103653	
Second Bone Spring Lower (SBL)	10,600.00	0.00	104.79	10,397.43	6,834.43	-622.30	-613.80	1,355.08	0.00	435,371.23	680,126.00	32.19561191	-103.75103653	
	10,700.00	0.00	104.79	10,497.43	6,934.43	-622.30	-613.80	1,355.08	0.00	435,371.23	680,126.00	32.19561191	-103.75103653	
	10,752.57	0.00	104.79	10,550.00	6,987.00	-622.30	-613.80	1,355.08	0.00	435,371.23	680,126.00	32.19561191	-103.75103653	
	10,800.00	0.00	104.79	10,597.43	7,034.43	-622.30	-613.80	1,355.08	0.00	435,371.23	680,126.00	32.19561191	-103.75103653	
	10,900.00	0.00	104.79	10,697.43	7,134.43	-622.30	-613.80	1,355.08	0.00	435,371.23	680,126.00	32.19561191	-103.75103653	
Build 10°/100ft	11,000.00	0.00	104.79	10,797.43	7,234.43	-622.30	-613.80	1,355.08	0.00	435,371.23	680,126.00	32.19561191	-103.75103653	
	11,100.00	0.00	104.79	10,897.43	7,334.43	-622.30	-613.80	1,355.08	0.00	435,371.23	680,126.00	32.19561191	-103.75103653	
	11,200.00	0.00	104.79	10,997.43	7,434.43	-622.30	-613.80	1,355.08	0.00	435,371.23	680,126.00	32.19561191	-103.75103653	
	11,300.00	0.00	104.79	11,097.43	7,534.43	-622.30	-613.80	1,355.08	0.00	435,371.23	680,126.00	32.19561191	-103.75103653	
	11,309.61	0.00	104.79	11,107.04	7,544.04	-622.30	-613.80	1,355.08	0.00	435,371.23	680,126.00	32.19561191	-103.75103653	
Third Bone Spring (TBS)	11,400.00	9.04	359.87	11,197.06	7,634.06	-615.19	-606.68	1,355.06	10.00	435,378.35	680,125.98	32.19563147	-103.75103645	
	11,479.03	16.94	359.87	11,274.00	7,711.00	-597.30	-608.93	1,359.10	10.00	435,386.10	680,125.94	32.19569026	-103.75103628	
	11,500.00	19.04	359.87	11,293.95	7,730.95	-590.96	-582.46	1,355.00	10.00	435,402.58	680,125.93	32.19569807	-103.75103621	
	FTP Cross	11,534.77	22.52	359.87	11,326.45	7,763.45	-578.63	-570.12	1,354.98	10.00	435,414.91	680,125.90	32.19573197	-103.75103609
	11,600.00	29.04	359.87	11,385.16	7,822.16	-550.28	-541.77	1,354.91	10.00	435,443.26	680,125.83	32.19580990	-103.75103580	
Landing Point	11,700.00	39.04	359.87	11,467.92	7,904.92	-494.37	-485.87	1,354.78	10.00	435,499.16	680,125.70	32.19596357	-103.75103524	
	11,800.00	45.87	359.87	11,539.71	7,976.71	-424.94	-416.44	1,354.62	10.00	435,568.58	680,125.54	32.19610486	-103.75103455	
	11,900.00	59.04	359.87	11,598.36	8,035.36	-344.11	-335.60	1,354.43	10.00	435,649.42	680,125.38	32.19637661	-103.75103374	
	12,000.00	69.04	359.87	11,642.08	8,079.08	-254.31	-245.81	1,354.22	10.00	435,739.21	680,125.15	32.19662343	-103.75103284	
	12,100.00	79.04	359.87	11,669.55	8,106.55	-158.29	-149.79	1,354.00	10.00	435,835.22	680,124.92	32.19688737	-103.75103188	
MP1, Turn 2°/100ft	12,200.00	89.04	359.87	11,679.92	8,116.92	-58.96	-50.45	1,353.77	10.00	435,934.55	680,124.67	32.19716041	-103.75103088	
	12,209.61	90.00	359.87	11,680.00	8,117.00	-49.35	-40.84	1,353.75	10.00	435,944.16	680,124.67	32.19718682	-103.75103079	
	12,300.00	90.00	359.87	11,680.00	8,117.00	0.00	-41.04	1,353.54	0.00	436,034.54	680,124.46	32.19743529	-103.75102988	
	12,400.00	90.00	359.87	11,680.00	8,117.00	141.04	149.55	1,353.31	0.00	436,134.54	680,124.23	32.19771016	-103.75102888	
	12,500.00	90.00	359.87	11,680.00	8,117.00	241.04	249.55	1,353.08	0.00	436,234.53	680,124.00	32.19798503	-103.75102788	
Hold	12,600.00	90.00	359.87	11,680.00	8,117.00	341.04	349.55	1,352.84	0.00	436,334.53	680,123.77	32.19825991	-103.75102688	
	12,700.00	90.00	359.87	11,680.00	8,117.00	441.04	449.55	1,352.61	0.00	436,434.52	680,123.54	32.19853478	-103.75102588	
	12,800.00	90.00	359.87	11,680.00	8,117.00	541.04	549.55	1,352.38	0.00	436,534.51	680,123.30	32.19880966	-103.75102487	
	12,900.00	90.00	359.87	11,680.00	8,117.00	641.04	649.55	1,352.15	0.00	436,634.51	680,123.07	32.19908454	-103.75102387	
	13,000.00	90.00	359.87	11,680.00	8,117.00	741.04	749.55	1,351.92	0.00	436,734.50	680,122.84	32.19935940	-103.75102287	
MP2, Turn 2°/100ft	13,100.00	90.00	359.87	11,680.00	8,117.00	841.04	849.54	1,351.69	0.00	436,834.50	680,122.61	32.19963427	-103.75102187	
	13,200.00	90.00	359.87	11,680.00	8,117.00	941.03	949.54	1,351.45	0.00	436,934.49	680,122.38	32.19990915	-103.75102087	
	13,300.00	90.00	359.87	11,680.00	8,117.00	1,041.03	1,049.54	1,351.22	0.00	437,034.49	680,122.15	32.20018402	-103.75101987	
	13,400.00	90.00	359.87	11,680.00	8,117.00	1,141.03	1,149.54	1,350.99	0.00	437,134.48	680,121.91	32.20045890	-103.75101888	
	13,500.00	90.00	359.87	11,680.00	8,117.00	1,241.03	1,249.54	1,350.76	0.00	437,234.47	680,121.68	32.20073377	-103.75101788	
Hold	13,600.00	90.00	359.87	11,680.00	8,117.00	1,341.03	1,349.54	1,350.53	0.00	437,334.47	680,121.45	32.20100864	-103.75101688	
	13,700.00	90.00	359.87	11,680.00	8,117.00	1,441.03	1,449.54	1,350.30	0.00	437,434.46	680,121.22	32.20128352	-103.75101588	
	13,800.00	90.00	359.87	11,680.00	8,117.00	1,541.03	1,549.54	1,350.06	0.00	437,534.46	680,120.99	32.20155839	-103.75101488	
	13,900.00	90.00	359.87	11,680.00	8,117.00	1,641.03	1,649.54	1,349.83	0.00	437,634.45	680,120.76	32.20183326	-103.75101388	
	14,000.00	90.00	359.87	11,680.00	8,117.00	1,741.03	1,749.54	1,349.60	0.00	437,734.44	680,120.52	32.20210814	-103.75101288	
MP3, Turn 2°/100ft	14,100.00	90.00	359.87	11,680.00	8,117.00	1,841.03	1,849.54	1,349.37	0.00	437,834.44	680,120.29	32.20238301	-103.75101188	
	14,200.00	90.00	359.87	11,680.00	8,117.00	1,941.03	1,949.54	1,349.14	0.00	437,934.43	680,120.06	32.20265788	-103.75101088	
	14,226.57	90.00	359.87	11,680.00	8,117.00	1,967.60	1,976.11	1,349.08	0.00	437,961.00	680,120.00	32.20273092	-103.75101058	
	14,300.00	90.00	359.87	11,680.00	8,117.00	2,041.01	2,049.54	1,349.85	2.00	438,034.02	680,120.77	32.20293273	-103.75100681	
	14,400.00	90.												

Comments	MD (ft)	Incl (°)	Azim (°)	TVD (ft)	TVDSS (ft)	VSEC (ft)	NS (ft)	EW (ft)	DLS (°/100ft)	Northing (ftUS)	Easting (ftUS)	Latitude (°)	Longitude (°)
	21,300.00	90.00	359.65	11,680.00	8,117.00	9,039.39	9,047.70	1,295.13	0.00	445,032.19	680,066.06	32.22216943	-103.75106113
	21,400.00	90.00	359.65	11,680.00	8,117.00	9,139.39	9,147.70	1,294.52	0.00	445,132.19	680,065.45	32.22244430	-103.75106135
	21,500.00	90.00	359.65	11,680.00	8,117.00	9,239.39	9,247.70	1,293.91	0.00	445,232.18	680,064.83	32.22271917	-103.75106158
	21,600.00	90.00	359.65	11,680.00	8,117.00	9,339.39	9,347.70	1,293.29	0.00	445,332.17	680,064.22	32.22299405	-103.75106180
	21,700.00	90.00	359.65	11,680.00	8,117.00	9,439.39	9,447.70	1,292.68	0.00	445,432.16	680,063.61	32.22326892	-103.75106203
	21,800.00	90.00	359.65	11,680.00	8,117.00	9,539.39	9,547.69	1,292.07	0.00	445,532.16	680,063.00	32.22354380	-103.75106225
	21,900.00	90.00	359.65	11,680.00	8,117.00	9,639.39	9,647.69	1,291.46	0.00	445,632.15	680,062.39	32.22381867	-103.75106248
	22,000.00	90.00	359.65	11,680.00	8,117.00	9,739.39	9,747.69	1,290.85	0.00	445,732.14	680,061.78	32.22409354	-103.75106271
	22,100.00	90.00	359.65	11,680.00	8,117.00	9,839.39	9,847.69	1,290.24	0.00	445,832.13	680,061.16	32.22436842	-103.75106293
SND 14 23 Fed Com 119H BHL	22,126.87	90.00	359.65	11,680.00	8,117.00	9,866.26	9,874.56	1,290.07	0.00	445,859.00	680,061.00	32.22444227	-103.75106299

Survey Type: Def Plan

Survey Error Model: ISCWSA0 3 sigma

Survey Program:

Description	Part	MD From (ft)	MD To (ft)	EOU Freq (ft)	Hole Size (in)	Casing Diameter (in)	Expected Max Inclination (deg)	Survey Tool Code	Vendor / Tool	Borehole / Survey
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10.000235.9831/100.00025 – 8.75 – 6.1259.625 – 7 – 6.125B001Mb_MWD+HRGMSND 14 23 Fed Com 119H / SND 14 23 Fed Com

EOU Geometry:

End MD (ft)	Hole Size (in)	Casing Size (in)	Name
993.384	17.500	13.375	
4,567.844	12.250	9.625	
8,608.569	8.750	7.000	
22,126.868	6.125		

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Pad Summary: SND Pad 619

The table below lists all the wells for the given pad and their respective name and TVD's (ft) for their production target intervals:

Well Name(s)	Target TVD	Formation Desc.
SND 23 14 FED COM 119H	11,680	THIRD BONE SPRING

1. GEOLOGICAL TOPS

Elevation: As seen in C-102

The estimated tops of important geologic markers are as follows:

FORMATION	LITHOLOGIES	TVD	MD	Producing Formation?
Rustler (RSLR)	Sandstone	882	883	No
Salado (SLDO)	Anhydrite/Salt	1,022	1,025	No
Castile (CSTL)	Anhydrite/Salt	2,813	2,879	No
Lamar (LMAR)	Limestone/Shale	4,484	4,622	No
Bell Canyon (BEL)	Sandstone/Limestone	4,529	4,669	No
Cherry Canyon (CHR)	Sandstone/Siltstone	5,409	5,586	No
Brushy Canyon (BCN)	Shale/Siltstone	6,722	6,923	No
Bone Spring (BSL)	Shale	8,298	8,501	No
Upper Avalon (AVU)	Shale	8,404	8,607	No
Lower Avalon (AVL)	Shale	8,872	9,075	No
First Bone Spring Upper (FBU)	Shale	9,405	9,608	No
First Bone Spring Lower (FBL)	Shale	9,604	9,807	No
Second Bone Spring Upper (SBU)	Shale	10,039	10,242	No
Second Bone Spring Lower (SBL)	Shale	10,550	10,753	No
Third Bone Spring (TBS)	Shale	11,274	11,479	Yes: Oil & Natural Gas

WELLBORE LOCATIONS	MD	TVD
SHL	-	-
KOP	11,310	11,107
FTP	11,535	11,326
LTP	22,100	11,680
BHL	22,127	11,680

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Chevron
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Eddy County

CONFIDENTIAL -- TIGHT HOLE
DRILLING PLAN
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2. BOP EQUIPMENT AND TESTING

Rating Depth 11,680 TVD

Equipment

Chevron will have a minimum of a 5,000 psi rig stack for drill out below surface casing

Request Variance: Yes

Variance Request(s)

Chevron respectfully request to vary from the Onshore Order 2 where it states: "(A full BOP Test) shall be performed: when initially installed and whenever any seal subject to test pressure is broken." We propose to break test if able to finish the next hole section within 21 days of the previous full BOP test. No BOP components nor any break will ever surpass 21 days between testing. A break test will consist of a 250 psi low / $\geq$ 5,000 psi high for 10 min each test against the connection that was broken when skidding the rig. Upon the first nipple up of the pad a full BOP test will be performed. A full BOP test will be completed prior to drilling the production lateral sections unless the BOP connection was not broken prior to drilling that hole section (example: drilling straight from production into production liner hole section). A break test will only be performed on operations where BLM documentation states a 5M or less BOP can be utilized.

Chevron respectfully requests a variance to use a FMC Technologies UH-S Multibowl wellhead, which will be run through the rig floor on surface casing. BOPE will be nipped up and tested after cementing surface casing. Subsequent tests will be performed as needed, not to exceed 30 days. The field report from FMC Technologies and BOP test information will be provided in a subsequent report at the end of the well. Please see the attached wellhead schematic. An installation manual has been placed on file with the BLM office and remains unchanged from previous submittal. All tests performed by third party.

Testing Procedure

The stack will be tested as specified in the attached testing requirements. Batch drilling of the surface, production, and production liner will take place. A full BOP test will be performed per hole section, unless approval from BLM is received otherwise (see variance request). Flex choke hose will be used for all wells on the pad (see attached specs and variance). BOP test pressures and other documented tests may be recorded and documented via utilization of the IPT 'Suretec' Digital BOP Test Method in lieu of the standard test chart. In the event the IPT system is unavailable, the standard test chart will be used.

3. CASING PROGRAM

a. The proposed PRIMARY casing program will be as follows:

Purpose	Top (MD)	Top (TVD)	Bot (MD)	Bot (TVD)	Hole Size	Csg Size	Weight	Grade	Thread
Surface	0'	0'	900'	900'	17.5" / 16"	13.375"	54.5 #	J-55	BTC/STC
Intermediate 1	0'	0'	4,602'	4,464'	12.25"	9.625"	40.0 #	L-80	BTC/LTC
Intermediate 2	0'	0'	11,310'	11,107'	8.75"	7"	29.0 #	P-110	BLUE-SD
Production Liner†	11,110'	10,907'	11,760'	11,507'	6.125"	5"	18.0 #	P-110	W513
Production Liner	11,760'	11,507'	22,127'	11,680'	6.125"	4.5"	11.6 #	P-110	W521

† 5" casing from TOL to 45 degrees (max OD at connection is 5.00")

b. All casing strings will be new pipe.

c. Casing design depths subject to revision based on directional drilling and geologic conditions encountered.

Chevron will keep casing fluid filled at all times and while RIH. Chevron will check casing at a minimum of every 20 jts (~840'), and never to surpass 1/3 of casing, while running intermediate and production casing in order to maintain collapse SF.

Casing String	Min SF Collapse	Min SF Burst	Min SF Axial (Joint)	Min SF Axial (Body)
Surface	2.71	2.04	18.53	17.39
Intermediate 1	1.52	1.89	5.30	5.13
Intermediate 2	1.55	2.38	2.88	2.88
Production Liner	1.06	2.27	1.78	2.80

ONSHORE ORDER NO. 1
Chevron
SND 23 14 FED COM 119H
Eddy County

CONFIDENTIAL -- TIGHT HOLE
DRILLING PLAN
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4. **CEMENTING PROGRAM**

Slurry	Type	Top	Bottom	Quantity	Yield	Density	%Excess	Volume	Additives
Surface Casing 13-3/8"				(sks)	(cuft/sk)	(ppg)		(cuft)	
Tail	Class C	0'	900'	479	1.63	13.6	25	782	Extender, Antifoam, Retarder, Viscosifier
Intermediate 1 Casing 9-5/8"									
Planned single stage cement job									
Lead	Class C	0'	3,602'	640	2.29	11.5	25	1466	Extender, Antifoam, Retarder, Viscosifier
Tail	Class C	3,602'	4,602'	263	1.63	12.6	25	429	Extender, Antifoam, Retarder, Viscosifier
Contingency: Top Job									
1st Tail	Class C	0'	3,602'	1045	1.35	14.8	25	1410	Extender, Antifoam, Retarder, Viscosifier
Intermediate 2 Casing 7"									
Planned single stage cement job									
Lead	Class C	0'	10,310'	512	3.52	10.5	25	1802	Extender, Antifoam, Retarder, Viscosifier
Tail	Class C	10,310'	11,310'	124	1.52	12.6	25	188	Extender, Antifoam, Retarder, Viscosifier
Contingency: Top Job									
1st Tail	Class C	0'	8,310'	1157	1.35	14.8	25	1562	Extender, Antifoam, Retarder, Viscosifier
Production Liner 5" x 4-1/2"									
Lead	Class H	11,110'	22,127'	853	1.52	12.6	25	1297	Extender, Antifoam, Retarder, Viscosifier

Surface casing shall have at least one centralizer installed on each of the bottom three joints starting with the shoe joint.

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CONFIDENTIAL -- TIGHT HOLE
DRILLING PLAN
PAGE: 4

5. MUD PROGRAM

Top	Bottom	Type	Min MW	Max MW at TD	Additional Characteristics
0'	900'	Spud Mud	8.3	8.9	
900'	4,602'	Brine	8.3	10.0	Saturated brine would be used through salt sections.
4,602'	11,310'	WBM/Brine	8.3	9.5	
11,310'	22,127'	OBM	9.3	12.0	Due to wellbore instability in the lateral, may exceed the MW window needed to maintain overburden stresses

A weighting agent and lost circulating material (LCM) will be onsite to mitigate pressure or lost circulation as hole conditions dictate.

If an open reserve pit is not approved by OCD, a closed system will be used consisting of above ground steel tanks and all wastes accumulated during drilling operations will be contained in a portable trash cage and removed from location and deposited in an approved sanitary landfill. If an open reserve pit is in place, pit construction, operation, and closure will follow all applicable rules and regulation. Sanitary wastes will be contained in a chemical porta-toilet and then hauled to an approved sanitary landfill.

All fluids and cuttings will be disposed of in accordance with New Mexico Oil Conservation Division rules and regulations. And transporting of E&P waste will follow EPA regulations and accompanying manifests.

A mud test shall be performed every 24 hours after mudding up to determine, as applicable: density, viscosity, gel strength, filtration, and pH.

Visual mud monitoring equipment shall be in place to detect volume changes indicating loss or gain of circulating fluid volume. When abnormal pressures are anticipated -- a pit volume totalizer (PVT), stroke counter, and flow sensor will be used to detect volume changes indicating loss or gain of circulating fluid volume.

6. TESTING, LOGGING, AND CORING

- Production tests are not planned.
- Logs run include: **Gamma Ray Log, Directional Survey**
- Coring Operations are not planned.

7. ABNORMAL PRESSURES AND HYDROGEN SULFIDE

Anticipated BHP	7,288	psi
Anticipated BHT	204	°F
Anticipated abnormal pressures?	No	
Describe abnormal pressures	N/A - Pressure ramp begins in the bottom of the Third Bone Spring formation	
Contingency plan(s) description:	- Casing design accounts for pressure ramp - Mud weighting agents available on location to increase drilling fluid density - BOP, choke, and well control drills - BOP functioned and pressure tested	

Hydrogen sulfide gas is not anticipated: However the H2S Contingency plan is attached with this APD in the event that H2S is encountered

8. OTHER ITEMS

- Batch drilling** will be employed whereby the drilling rig may drill a specific hole section on all wells prior to moving to the next hole section.
- Shallow rig** may be utilized to drill surface or intermediate sections. The production section will not be drilled by the shallow rig.
- Wait on cement** duration for surface and intermediate string(s) will be based on time for tail slurry to develop 500 psi compressive strength and will follow rules as laid out in Onshore Order 2

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720

District II
811 S. First St., Artesia, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720

District III
1000 Rio Brazos Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170

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

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

Form C-102
Revised August 1, 2011
Submit one copy to appropriate
District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-015-55041	² Pool Code 13367	³ Pool Name COTTON DRAW;BONE SPRING
⁴ Property Code 335883	⁵ Property Name SND 14 23 FED COM	
⁷ OGRID No. 4323	⁸ Operator Name CHEVRON U.S.A. INC.	⁶ Well Number 119H
		⁹ Elevation 3,538'

¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	23	24 SOUTH	31 EAST, N.M.P.M.		671'	SOUTH	384'	WEST	EDDY

¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
C	14	24 SOUTH	31 EAST, N.M.P.M.		25'	NORTH	1736'	WEST	EDDY

¹² Dedicated Acres	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
640	Infill		Defining well is SND 14 23 FED COM 226H (30-015-48007), COM Agreement No. NMNM143539-H

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.

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SND 14 23 FED COM 119H
X = 678,771' (NAD27 NM E)
Y = 435,985'
LAT. 32.197319° N (NAD27)
LONG. 103.755408° W
X = 719,955' (NAD83/2011 NM E)
Y = 436,044'
LAT. 32.197443° N (NAD83/2011)
LONG. 103.755890° W

PROPOSED FIRST TAKE POINT
X = 680,126' (NAD27 NM E)
Y = 435,421'
LAT. 32.195749° N (NAD27)
LONG. 103.751036° W
X = 721,310' (NAD83/2011 NM E)
Y = 435,480'
LAT. 32.195873° N (NAD83/2011)
LONG. 103.751518° W

PROPOSED PPP #1
X = 680,110' (NAD27 NM E)
Y = 437,961'
LAT. 32.202732° N (NAD27)
LONG. 103.751043° W
X = 721,294' (NAD83/2011 NM E)
Y = 438,020'
LAT. 32.202856° N (NAD83/2011)
LONG. 103.751525° W

PROPOSED PPP #2
X = 680,102' (NAD27 NM E)
Y = 439,282'
LAT. 32.206362° N (NAD27)
LONG. 103.751046° W
X = 721,286' (NAD83/2011 NM E)
Y = 439,340'
LAT. 32.206485° N (NAD83/2011)
LONG. 103.751528° W

CORNER COORDINATES TABLE (NAD 27)
A - Y=455873.60, X=678324.50
B - Y=445881.52, X=679646.44
C - Y=445889.44, X=680968.38
D - Y=445905.30, X=683610.86
E - Y=440591.53, X=678357.86
F - Y=440599.67, X=679679.03
G - Y=440607.81, X=681000.19
H - Y=440623.82, X=683640.70
I - Y=435311.46, X=678390.49
J - Y=435318.87, X=679711.49
K - Y=435326.28, X=681032.50
L - Y=435340.95, X=683675.14

1736'
25'
N 00° 21' 43" W 5,256.88'
N 00° 21' 14" W 5,181.13'
N 00° 21' 14" W 5,181.13'
S 67° 24' 45" E 1,467.91'
384'
67'

PROPOSED MID-POINT PPP #3
X = 680,094' (NAD27 NM E)
Y = 440,602'
LAT. 32.209992° N (NAD27)
LONG. 103.751049° W
X = 721,278' (NAD83/2011 NM E)
Y = 440,661'
LAT. 32.210115° N (NAD83/2011)
LONG. 103.751531° W

PROPOSED PPP #4
X = 680,077' (NAD27 NM E)
Y = 443,243'
LAT. 32.217251° N (NAD27)
LONG. 103.751057° W
X = 721,261' (NAD83/2011 NM E)
Y = 443,302'
LAT. 32.217375° N (NAD83/2011)
LONG. 103.751540° W

PROPOSED LAST TAKE POINT
X = 680,061' (NAD27 NM E)
Y = 445,784'
LAT. 32.224236° N (NAD27)
LONG. 103.751064° W
X = 721,245' (NAD83/2011 NM E)
Y = 445,843'
LAT. 32.224359° N (NAD83/2011)
LONG. 103.751547° W

PROPOSED BOTTOM HOLE LOCATION
X = 680,061' (NAD27 NM E)
Y = 445,859'
LAT. 32.224442° N (NAD27)
LONG. 103.751064° W
X = 721,245' (NAD83/2011 NM E)
Y = 445,918'
LAT. 32.224566° N (NAD83/2011)
LONG. 103.751547° W

PROPOSED
Last Take Point
100' FNL, 1736' FWL

PROPOSED
PPP #4
2641' FNL, 1736' FWL

PROPOSED
Mid-Point PPP #3
0' FNL, 1736' FWL

PROPOSED
PPP #2
1320' FNL, 1736' FWL

PROPOSED
PPP #1
2640' FNL, 1736' FWL

PROPOSED
First Take Point
100' FSL, 1736' FWL

1736'
25'
N 00° 21' 43" W 5,256.88'
N 00° 21' 14" W 5,181.13'
N 00° 21' 14" W 5,181.13'
S 67° 24' 45" E 1,467.91'
384'
67'

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OPERATOR CERTIFICATION
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either 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 such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Jennifer Smith 06/12/2024
Signature Date

JENNIFER SMITH
Printed Name

JHIO@CHEVRON.COM
E-mail Address

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SURVEYOR CERTIFICATION
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.

01/19/2023
Date of Survey

Signature and Seal of Professional Surveyor:

STEVEN M. COLEMAN
NEW MEXICO
22921
06/03/2024
PROFESSIONAL SURVEYOR

Steven M. Coleman
Certificate Number

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 380080

CONDITIONS

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 380080
	Action Type: [C-103] NOI Change of Plans (C-103A)

CONDITIONS

Created By	Condition	Condition Date
ward.rikala	Cement is required to circulate on both surface and intermediate1 strings of casing.	11/14/2024
ward.rikala	If cement is not circulated to surface during cementing operations, a Cement Bond Log (CBL) is required.	11/14/2024
ward.rikala	Any previous COA's not addressed within the updated COA's still apply.	11/14/2024