U.S. Department of the Interior
BUREAU OF LAND MANAGEMENT

Sundry Print Report

06/04/2025

Well Name: GREY GOOSE 20 8 FEDERAL COM

Well Location: T25S / R27E / SEC 20 / SESW / 32.108995 / -104.215989

County or Parish/State: EDDY / NM

Well Number: 446H

Type of Well: CONVENTIONAL GAS WELL

Allottee or Tribe Name:

Lease Number: NMNM130854

Unit or CA Name:

Unit or CA Number:

US Well Number: 3001555020

Operator: CHEVRON USA INCORPORATED

Notice of Intent

Sundry ID: 2847358

Type of Submission: Notice of Intent

Type of Action: APD Change

Date Sundry Submitted: 04/15/2025

Time Sundry Submitted: 12:29

Date proposed operation will begin: 04/15/2025

Procedure Description: CHEVRON USA, INC. REQUESTS THE FOLLOWING: CHEVRON REQUESTS TO CHANGE THE ACREAGE FROM 960 ACRES TO 1920 ACRES AND EXTEND THE LATERAL FROM TWO (2) MILES TO THREE (3) MILES FOR THE GREY GOOSE 20 8 FEDERAL COM 446H (API # 30-015-55020) PLEASE SEE ATTACHED SUMMARY; C-102; DRILLING PLAN; DIRECTIONAL SURVEY

NOI Attachments

Procedure Description

GREY_GOOSE_20_8_FEDERAL_COM_446H__ALL___PAD_45_20250415122904.pdf

CONFIDENTIAL

Well Name: GREY GOOSE 20 8 FEDERAL COM

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County or Parish/State: EDDY / NM

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Allottee or Tribe Name:

Lease Number: NMNM130854

Unit or CA Name:

Unit or CA Number:

US Well Number: 3001555020

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: CAROL ADLER

Signed on: APR 15, 2025 12:29 PM

Name: CHEVRON USA INCORPORATED

Title: Sr Regulatory Affairs Coordinator

Street Address: 6301 DEAUVILLE BLVD

City: MIDLAND **State:** TX

Phone: (432) 687-7148

Email address: CAROLADLER@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: 06/02/2025

Signature: Chris Walls

CONFIDENTIAL

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

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE *- Other instructions on page 2*

5. Lease Serial No. NMNM130854

6. If Indian, Allottee or Tribe Name

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

1. Type of Well
☐ Oil Well ☑ Gas Well ☐ Other

8. Well Name and No.
GREY GOOSE 20 8 FEDERAL COM/446H

2. Name of Operator CHEVRON USA INCORPORATED

9. API Well No. 3001555020

3a. Address PO BOX 1392, BAKERSFIELD, CA 93302

3b. Phone No. *(include area code)* (661) 633-4000

10. Field and Pool or Exploratory Area
Purple Sage/WOLFCAMP (GAS)

4. Location of Well *(Footage, Sec., T.,R.,M., or Survey Description)*
SEC 20/T25S/R27E/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
	☐ Alter Casing	☐ Hydraulic Fracturing	☐ Reclamation	☐ Well Integrity
☐ Subsequent Report	☐ Casing Repair	☐ New Construction	☐ Recomplete	☐ Other
	☑ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
☐ Final Abandonment Notice	☐ 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 recomplete 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. REQUESTS THE FOLLOWING:
CHEVRON REQUESTS TO CHANGE THE ACREAGE FROM 960 ACRES TO 1920 ACRES AND EXTEND THE LATERAL FROM TWO (2) MILES TO THREE (3) MILES FOR THE GREY GOOSE 20 8 FEDERAL COM 446H (API # 30-015-55020)
PLEASE SEE ATTACHED SUMMARY; C-102; DRILLING PLAN; DIRECTIONAL SURVEY

14. I hereby certify that the foregoing is true and correct. Name *(Printed/Typed)*
CAROL ADLER / Ph: (432) 687-7148

Title Sr Regulatory Affairs Coordinator

Signature (Electronic Submission)

Date 04/15/2025

THE SPACE FOR FEDERAL OR STATE OFICE USE

Approved by
CHRISTOPHER WALLS / Ph: (575) 234-2234 / Approved

Title Petroleum Engineer

Date 06/02/2025

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.

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 ofthis form to U.S. Department ofthe Interior, Bureau ofLand Management (1004-0137), Bureau Information Collection Clearance Officer (WO-630), 1849 C St., N.W., Mail Stop 401 LS, Washington, D.C. 20240

Released to Imaging: 11/4/2026 7:41:30 AM

Additional Information

Location of Well

0. SHL: SESW / 301 FSL / 1422 FWL / TWSP: 25S / RANGE: 27E / SECTION: 20 / LAT: 32.108995 / LONG: -104.215989 (TVD: 0 feet, MD: 0 feet)

PPP: SWSW / 330 FSL / 330 FWL / TWSP: 25S / RANGE: 27E / SECTION: 20 / LAT: 32.109076 / LONG: -104.21952 (TVD: 8849 feet, MD: 9079 feet)

PPP: SWSW / 0 FSL / 330 FWL / TWSP: 25S / RANGE: 27E / SECTION: 17 / LAT: 32.122747 / LONG: -104.219838 (TVD: 8849 feet, MD: 9079 feet)

BHL: NWNW / 25 FNL / 330 FWL / TWSP: 25S / RANGE: 27E / SECTION: 17 / LAT: 32.13726 / LONG: -104.219841 (TVD: 8869 feet, MD: 19347 feet)

CHEVRON U.S.A. INC.
GREY GOOSE 20 8 FEDERAL COM 446H – 449H (Pkg 45)

Sundry

Proposed Sundry

Chevron has proposed four wells to be drilled within the Wolfcamp formation in a south to north orientation underlying Sections 8, 17, and 20 in T25S R27E, Eddy County, NM, which is covered by leases NMNM 097126, NMNM 113954, NMNM 130854, NMNM130855, and various leases from private landowners. The four wells were originally permitted as 2-mile laterals. Chevron is requesting these to be converted to 3-mile laterals. Please find attached revised C-102s and drilling plans.

Chevron Representative

Primary point of contact:

Cody Gilliam
codygilliam@chevron.com
O – 432-687-7147

Santa Fe Main Office
Phone: (505) 476-3441 Fax: (55) 476-3462
General Information
Phone: (505) 629-6116

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

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION

C-102
Revised July 9, 2024
Submit Electronically via OCD Permitting

Submittal Type: ☐ Initial Submittal ☒ Amended Report ☐ As Drilled

WELL LOCATION INFORMATION

API Number 30-015-55020	Pool Code 98220	Pool Name PURPLE SAGE WOLFCAMP (GAS)
Property Code N/A	Property Name GREY GOOSE 20 8 FEDERAL COM	Well Number 446H
OGRID No. 4323	Operator Name CHEVRON U.S.A. INC.	Ground Level Elevation 3136'
Surface Owner: ☐ State ☐ Fee ☐ Tribal ☒ Federal	Mineral Owner: ☐ State ☐ Fee ☐ Tribal ☒ Federal	

Surface Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
N	20	25 SOUTH	27 EAST, N.M.P.M.	N/A	301' SOUTH	1422' WEST	32.108995° N	104.215990° W	EDDY

Bottom Hole Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
D	8	25 SOUTH	27 EAST, N.M.P.M.	N/A	250' NORTH	330' WEST	32.151204° N	104.219891° W	EDDY

Dedicated Acres	Infill or Defining Well	Defining Well API	Overlapping Spacing Unit (Y/N)	Consolidation Code
1920	INFILL	30-015-55013	NO	C

Order Numbers. PENDING

Well setbacks are under Common Ownership: ☐Yes ☒No ☐N/A

Kick Off Point (KOP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
M	20	25 SOUTH	27 EAST, N.M.P.M.	N/A	330' SOUTH	330' WEST	32.109076° N	104.219521° W	EDDY

First Take Point (FTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
M	20	25 SOUTH	27 EAST, N.M.P.M.	N/A	330' SOUTH	330' WEST	32.109076° N	104.219521° W	EDDY

Last Take Point (LTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
D	8	25 SOUTH	27 EAST, N.M.P.M.	N/A	330' NORTH	330' WEST	32.150984° N	104.219890° W	EDDY

Unitized Area or Area of Uniform Interest	Spacing Unit Type ☒ Horizontal ☐ Vertical	Ground Floor Elevation:
PENDING		3136'

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.

Carol Adler 4/10/2025
Signature Date

Carol Adler
Printed Name

caroladler@chevron.com
Email 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.

See Sheet 2 of 2 for plat.

ROBERT L. LASTRAPES NEW MEXICO 23006 PROFESSIONAL SURVEYOR 04/01/2025

Signature and Seal of Professional Surveyor

Certificate Number

10/13/2021
Date of Survey

T:\2021\221394\2\DWG\Grey Goose 20 8 Federal Com No.446H C-102_330 Setback.dwg

ACREAGE DEDICATION PLATS

This grid represents a standard section. You may superimpose a non-standard section, or larger area, over this grid. Operators must outline the dedicated acreage in a red box, clearly show the well surface location and bottom hole location, if it is directionally drilled, with the dimensions from the section lines in the cardinal directions. If this is a horizontal wellbore show on this plat the location of the First Take Point and Last Take Point, and the point within the Completed interval (other than the First Take Point or Last Take Point) that is closest to any outer boundary of the tract.

Surveyors shall use the latest United States government survey or dependent resurvey. Well locations will be in reference to the New Mexico Principal Meridian. If the land is not surveyed, contact the OCD Engineering Bureau. Independent subdivision surveys will not be acceptable.

See Sheet 1 of 2 for notes & certification.

PROPOSED BOTTOM HOLE LOCATION
X = 535,262.88' (NAD27 NM E)
Y = 418,704.26'
LAT. 32.151084° N (NAD27)
LONG. 104.219393° W
X = 576,445.57' (NAD83/2011 NM E)
Y = 418,761.87'
LAT. 32.151204° N (NAD83/2011)
LONG. 104.219891° W

PROPOSED LAST TAKE POINT
X = 535,263.20' (NAD27 NM E)
Y = 418,624.26'
LAT. 32.150864° N (NAD27)
LONG. 104.219392° W
X = 576,445.89' (NAD83/2011 NM E)
Y = 418,681.86'
LAT. 32.150984° N (NAD83/2011)
LONG. 104.219890° W

PROPOSED LAST TAKE POINT
X = 535,263.20' (NAD27 NM E)
Y = 418,624.26'
LAT. 32.150864° N (NAD27)
LONG. 104.219392° W
X = 576,445.89' (NAD83/2011 NM E)
Y = 418,681.86'
LAT. 32.150984° N (NAD83/2011)
LONG. 104.219890° W

PROPOSED MID POINT/ PPP #2
X = 535,283.18' (NAD27 NM E)
Y = 413,656.90'
LAT. 32.137208° N (NAD27)
LONG. 104.219345° W
X = 576,465.96' (NAD83/2011 NM E)
Y = 413,714.41'
LAT. 32.137329° N (NAD83/2011)
LONG. 104.219842° W

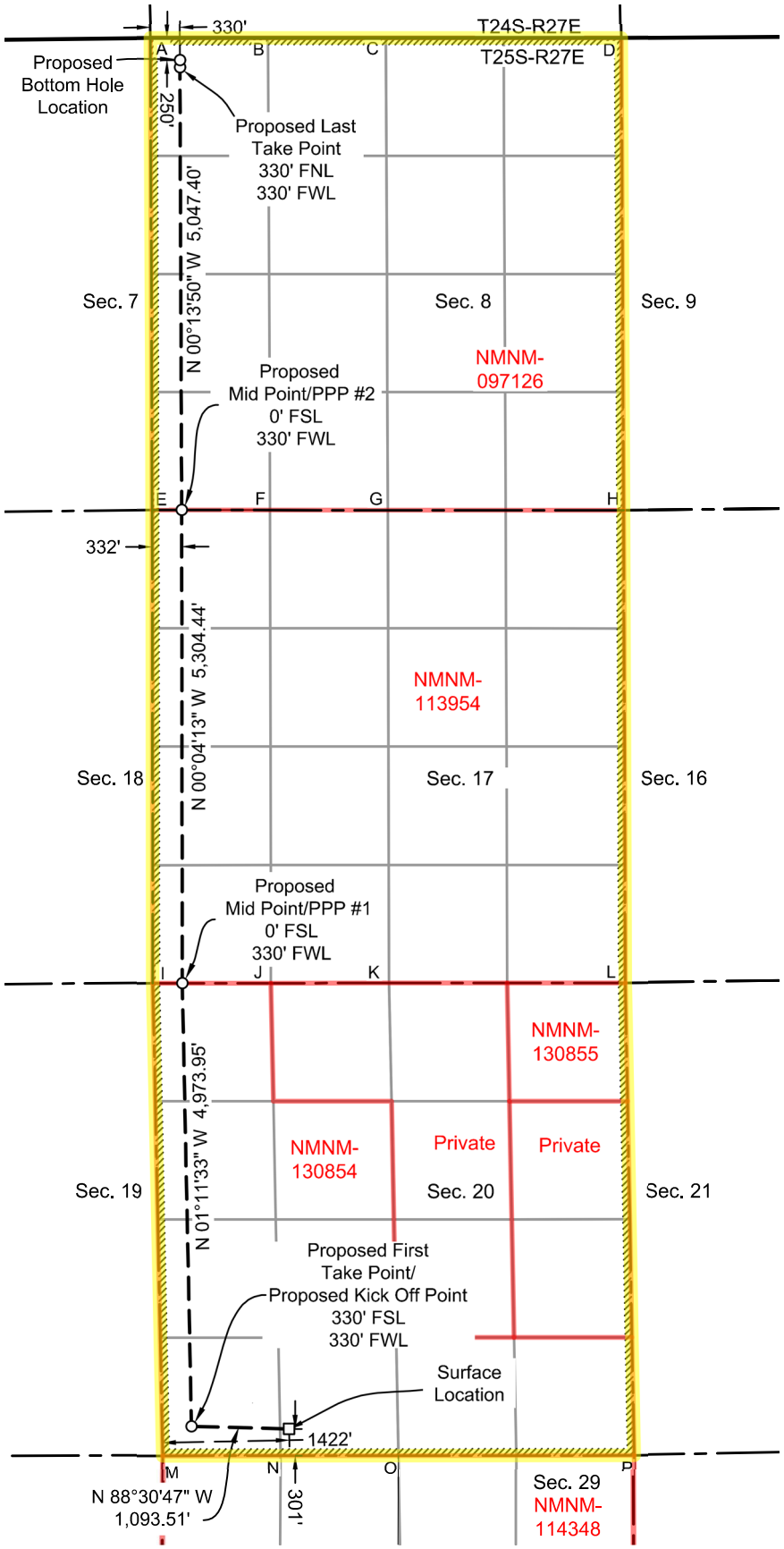
PROPOSED MID POINT/ PPP #1
X = 535,289.68' (NAD27 NM E)
Y = 408,352.46'
LAT. 32.122626° N (NAD27)
LONG. 104.219342° W
X = 576,472.55' (NAD83/2011 NM E)
Y = 408,409.88'
LAT. 32.122747° N (NAD83/2011)
LONG. 104.219839° W

PROPOSED FIRST TAKE POINT/ PROPOSED KICK OFF POINT
X = 535,393.20' (NAD27 NM E)
Y = 403,379.60'
LAT. 32.108955° N (NAD27)
LONG. 104.219024° W
X = 576,576.16' (NAD83/2011 NM E)
Y = 403,436.92'
LAT. 32.109076° N (NAD83/2011)
LONG. 104.219521° W

GREY GOOSE 20 8 FEDERAL COM NO. 446H WELL
X = 536,486.34' (NAD27 NM E)
Y = 403,351.22'
LAT. 32.108874° N (NAD27)
LONG. 104.215494° W
X = 577,669.32' (NAD83/2011 NM E)
Y = 403,408.56'
LAT. 32.108995° N (NAD83/2011)
LONG. 104.215990° W
ELEV.+3136' (NAVD88)

CORNER COORDINATES TABLE (NAD 27)

A-X=534931.87,Y=418954.15
B-X=536250.50,Y=418954.58
C-X=537569.12,Y=418955.01
D-X=540206.37,Y=418955.87
E-X=534953.18,Y=413657.05
F-X=536273.01,Y=413656.46
G-X=537592.84,Y=413655.87
H-X=540232.49,Y=413654.70
I-X=534959.61,Y=408352.36
J-X=536282.74,Y=408352.79
K-X=537605.86,Y=408353.22
L-X=540251.14,Y=408353.74
M-X=535070.02,Y=403049.32
N-X=536390.73,Y=403050.45
O-X=537711.43,Y=403051.59
P-X=540350.85,Y=403053.05



ONSHORE ORDER NO. 1
Chevron
Grey Goose 20 8 Federal Com 446H
Eddy County

Pad Summary: HNM Pad 45

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

Well Name(s)	Target TVD	Formation D
Grey Goose 20 8 Federal Com 446H	8,901	Wolfcamp
Grey Goose 20 8 Federal Com 447H	8,782	Wolfcamp
Grey Goose 20 8 Federal Com 448H	8,929	Wolfcamp
Grey Goose 20 8 Federal Com 449H	8,806	Wolfcamp

1. **GEOLOGICAL TOPS**

Elevation: As seen in C-102

The estimated tops of important geologic markers are as follows:

FORMATION	LITHOLOGIES	TVD	MD	Producing For
Rustler (RSLR)	Sandstone	28	28	No
Salado (SLDO)	Anhydrite/Salt	186	186	No
Castile (CSTL)	Anhydrite/Salt	395	395	No
Lamar (LMAR)	Limestone/Shale	1,980	2,010	No
Bell Canyon (BEL)	Sandstone/Limestone	2,021	2,052	No
Cherry Canyon (CHR)	Sandstone/Siltstone	2,856	2,912	No
Brushy Canyon (BCN)	Sandstone/Limestone	3,923	4,012	No
Bone Spring Lime (BSGL)	Shale/Siltstone	5,556	5,670	No
Avalon Upper (AVU)	Shale	5,666	5,780	No
Avalon Lower (AVL)	Shale	5,999	6,113	No
First Bone Spring Upper (FBU)	Sandstone/Shale	6,442	6,556	No
First Bone Spring Lower (FBL)	Shale	6,665	6,779	No
Second Bone Spring Upper (SBU)	Sandstone/Shale	6,984	7,098	No
Second Bone Spring Lower (SBL)	Sandstone/Shale	7,444	7,558	No
Third Bone 1st Carbonate (TB1C)	Sandstone/Shale	8,077	8,192	No
Third Bone Spring (TBS)	Sandstone/Shale	8,307	8,421	No
Wolfcamp A (WCA)	Shale/Sandstone	8,649	8,778	Yes: Oil & Natu

WELLBORE LOCATIONS	MD	TVD
SHL	-	-
KOP	8,470	8,356
	9,122	8,876

ONSHORE ORDER NO. 1
Chevron
Grey Goose 20 8 Federal Com 446H
Eddy County

2. BOP EQUIPMENT AND TESTING

Rating Depth 8,901 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 per subject to test pressure is broken." We propose to break test if able to finish the next hole section within 21 da any break will ever surpass 21 days between testing. A break test will consist of a 250 psi low / ≥ 5,000 psi hig broken when skidding the rig. Upon the first nipple up of the pad a full BOP test will be performed. A full BOP sections unless the BOP connection was not broken prior to drilling that hole section (example: drilling straight break test will only be performed on operations where BLM documentation states a 5M or less BOP can be uti

Chevron respectfully requests a variance to use a FMC Technologies UH-S Multibowl wellhead. BOPE will be Subsequent tests will be performed as needed, not to exceed 30 days. The field report from FMC Technologie subsequent report at the end of the well. Please see the attached wellhead schematic. An installation manual 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, produc will be performed per hole section, unless approval from BLM is received otherwise (see variance request). F attached specs and variance). BOP test pressures and other documented tests may be recorded and docume Method in lieu of the standard test chart. In the event the IPT system is unavailable, the standard test chart wi

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
Surface	0'	0'	450'	450'	17.5"	13.375"
Intermediate 1	0'	0'	1,990'	1,960'	12.25"	9.625"
Intermediate 2	0'	0'	8,470'	8,356'	8.75"	7"
Production Liner†	8,270'	8,156'	8,920'	8,756'	6.125"	5"
Production Liner	8,920'	8,756'	24,463'	8,901'	6.125"	4.5"

† 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 enc**
d. **Chevon will keep casing fluid filled at all times and while RIH. Chevron will check casing at a minim casing, while running intermediate casing in order to maintain collapse SF.**

ONSHORE ORDER NO. 1
Chevron
Grey Goose 20 8 Federal Com 446H
Eddy County

4. **CEMENTING PROGRAM**

Slurry	Type	Top	Bottom	*Quantity*	Yield
Surface Casing 13-3/8"				(sks)	(cuft/sk)
Tail	Class C	0'	450'	240	1.63
Intermediate 1 Casing 9-5/8"					
				Planned single stage cement job	
Lead	Class C	0'	990'	181	2.29
Tail	Class C	990'	1,990'	263	1.63
				Contingency: Top Job	
1st Tail	Class C	0'	990'	287	1.35
Intermediate 2 Casing 7"					
				Planned single stage cement job	
Lead	Class C	0'	7,470'	382	3.52
Tail	Class C	7,470'	8,470'	124	1.52
				Contingency: Top Job	
1st Tail	Class C	0'	5,470'	761	1.35
Production Liner 5" x 4-1/2"					
Lead	Class H	8,270'	24,463'	1128	1.69

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

ONSHORE ORDER NO. 1
Chevron
Grey Goose 20 8 Federal Com 446H
Eddy County

5. MUD PROGRAM

Top	Bottom	Type	Min MW	Max MW at TD	Additional
0'	450'	Spud Mud	8.3	8.9	
450'	1,990'	Brine	8.3	10.6	Saturated brine would be used t
1,990'	8,470'	WBM/Brine	8.3	10.2	
8,470'	24,463'	OBM	8.5	12.5	Due to wellbore instability in the window needed to maintain over

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

If an open reserve pit is not approved by OCD, a closed system will be used consisting of above g all wastes accumulated during drilling operations will be contained in a portable trash cage and rer and deposited in an approved sanitary landfill. If an open reserve pit is in place, pit construction, o will follow all applicable rules and regulation. Sanitary wastes will be contained in a chemical porta to an approved sanitary landfill.

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

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

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

6. TESTING, LOGGING, AND CORING

a. **Production tests are not planned.**
b. Logs run include: **Gamma Ray Log, Directional Survey**
   Exemption to forego acquiring a neutron log approved by C. Armistead (BLM) on 6/11/2024
c. **Coring Operations are not planned.**

7. ABNORMAL PRESSURES AND HYDROGEN SULFIDE

Anticipated BHP	**5,786**	psi
Anticipated BHT	**155**	°F
Anticipated abnormal pressures?	**Yes**	
Describe abnormal pressures	Pressure ramp begins in the bottom of the Third Bone Spring	

Grey Goose 20 8 Fed Com No. 446H R5 mdv 10Mar25 Proposal Geodetic Report

Non-Def Plan

Report Date:	March 13, 2025 - 01:24 PM (UTC 0)	**Survey / DLS Computation:**	Minimum Curvature / Lubinski
Client:	Chevron	**Vertical Section Azimuth:**	359.510 °(GRID North)
Field:	NM, Eddy County (NAD 27 EZ)	**Vertical Section Origin:**	0.000 ft, 0.000 ft
Structure / Slot:	Chevron HNM Pkg 45 Grey Goose Pad / 446H	**TVD Reference Datum:**	RKB
Well:	Grey Goose 20 8 Fed Com No. 446H	**TVD Reference Elevation:**	3164.000 ft above MSL
Borehole:	Grey Goose 20 8 Fed Com No. 446H	**Seabed / Ground Elevation:**	3136.000 ft above MSL
UBHI / API#:	Unknown / Unknown	**Magnetic Declination:**	6.716°
Survey Name:	Grey Goose 20 8 Fed Com No. 446H R5 mdv 10Mar25	**Total Gravity Field Strength:**	998.4467mgn (9.80665 Based)
Survey Date:	March 13, 2025	**Gravity Model:**	GARM
Tort / AHD / DDI / ERD Ratio:	124.780 ° / 16671.624 ft / 6.756 / 1.867	**Total Magnetic Field Strength:**	47166.54 nT
Coordinate Reference System:	NAD27 New Mexico State Plane, Eastern Zone, US Feet	**Magnetic Dip Angle:**	59.593°
Location Lat / Long:	32°6'31.94604"N , 104°12'55.77850"W	**Declination Date:**	February 25, 2025
Location Grid N/E Y/X:	N 403351.220 ftUS , E 536486.340 ftUS	**Magnetic Declination Model:**	HDGM 2024
CRS Grid Convergence Angle:	0.063°	**North Reference:**	Grid North
Grid Scale Factor:	0.99991062(Applied)	**Grid Convergence Used:**	0.063°
Version / Patch:	2024.5.0.1	**Total Corr Mag North->Grid North:**	6.653°
		Local Coord Referenced To:	Well Head

Comments	MD (ft)	Incl (°)	Azim (°)	TVD (ft)	TVDSS (ft)	VSEC (ft)	NS (ft)	EW (ft)	DLS (°/100ft)	Northing (ftUS)	Easting (ftUS)	Latitude (°)	Longitude (°)
Surface	0.00	0.00	0.00	0.00	-3,164.00	0.00	0.00	0.00		403,351.22	536,486.34	32.10887390	-104.21549403
	100.00	0.00	252.56	100.00	-3,064.00	0.00	0.00	0.00	0.00	403,351.22	536,486.34	32.10887390	-104.21549403
Salado (SLDO)	186.00	0.00	252.56	186.00	-2,978.00	0.00	0.00	0.00	0.00	403,351.22	536,486.34	32.10887390	-104.21549403
	200.00	0.00	252.56	200.00	-2,964.00	0.00	0.00	0.00	0.00	403,351.22	536,486.34	32.10887390	-104.21549403
	300.00	0.00	252.56	300.00	-2,864.00	0.00	0.00	0.00	0.00	403,351.22	536,486.34	32.10887390	-104.21549403
Castile (CSTL)	395.38	0.00	252.56	395.38	-2,768.62	0.00	0.00	0.00	0.00	403,351.22	536,486.34	32.10887390	-104.21549403
Build 1.5°/100ft	400.00	0.00	252.56	400.00	-2,764.00	0.00	0.00	0.00	0.00	403,351.22	536,486.34	32.10887390	-104.21549403
	500.00	1.50	252.56	499.99	-2,664.01	-0.38	-0.39	-1.25	1.50	403,350.83	536,485.09	32.10887283	-104.21549806
	600.00	3.00	252.56	599.91	-2,564.09	-1.53	-1.57	-4.99	1.50	403,349.65	536,481.35	32.10886960	-104.21551016
	700.00	4.50	252.56	699.69	-2,464.31	-3.43	-3.53	-11.23	1.50	403,347.69	536,475.11	32.10886424	-104.21553032
	800.00	6.00	252.56	799.27	-2,364.73	-6.10	-6.27	-19.96	1.50	403,344.95	536,466.38	32.10885673	-104.21555852
	900.00	7.50	252.56	898.57	-2,265.43	-9.52	-9.79	-31.18	1.50	403,341.43	536,455.17	32.10884708	-104.21559474
	1,000.00	9.00	252.56	997.54	-2,166.46	-13.71	-14.09	-44.87	1.50	403,337.13	536,441.48	32.10883530	-104.21563897
	1,100.00	10.50	252.56	1,096.09	-2,067.91	-18.64	-19.16	-61.02	1.50	403,332.06	536,425.32	32.10882140	-104.21569116
	1,200.00	12.00	252.56	1,194.16	-1,969.84	-24.33	-25.01	-79.63	1.50	403,326.21	536,406.71	32.10880539	-104.21575129
	1,300.00	13.50	252.56	1,291.70	-1,872.30	-30.76	-31.62	-100.69	1.50	403,319.60	536,385.66	32.10878728	-104.21581931
Hold	1,333.26	14.00	252.56	1,324.00	-1,840.00	-33.06	-33.99	-108.23	1.50	403,317.23	536,378.12	32.10878079	-104.21584367
	1,400.00	14.00	252.56	1,388.76	-1,775.24	-37.77	-38.83	-123.63	0.00	403,312.39	536,362.72	32.10876754	-104.21589343
	1,500.00	14.00	252.56	1,485.79	-1,678.21	-44.82	-46.08	-146.71	0.00	403,305.15	536,339.64	32.10874768	-104.21596798
	1,600.00	14.00	252.56	1,582.82	-1,581.18	-51.87	-53.33	-169.79	0.00	403,297.90	536,316.56	32.10872783	-104.21604254
	1,700.00	14.00	252.56	1,679.85	-1,484.15	-58.92	-60.57	-192.87	0.00	403,290.65	536,293.49	32.10870797	-104.21611709
	1,800.00	14.00	252.56	1,776.88	-1,387.12	-65.97	-67.82	-215.95	0.00	403,283.40	536,270.41	32.10868812	-104.21619165
	1,900.00	14.00	252.56	1,873.91	-1,290.09	-73.02	-75.07	-239.03	0.00	403,276.16	536,247.33	32.10866826	-104.21626621
	2,000.00	14.00	252.56	1,970.94	-1,193.06	-80.07	-82.32	-262.11	0.00	403,268.91	536,224.26	32.10864841	-104.21634076
Lamar (LMAR)	2,009.63	14.00	252.56	1,980.28	-1,183.72	-80.75	-83.02	-264.33	0.00	403,268.21	536,222.04	32.10864650	-104.21634794
Bell Canyon (BLCN)	2,051.72	14.00	252.56	2,021.12	-1,142.88	-83.72	-86.07	-274.04	0.00	403,265.16	536,212.32	32.10863814	-104.21637932
	2,100.00	14.00	252.56	2,067.97	-1,096.03	-87.12	-89.57	-285.19	0.00	403,261.66	536,201.18	32.10862856	-104.21641532
	2,200.00	14.00	252.56	2,165.00	-999.00	-94.17	-96.81	-308.27	0.00	403,254.41	536,178.10	32.10860870	-104.21648987
	2,300.00	14.00	252.56	2,262.03	-901.97	-101.23	-104.06	-331.34	0.00	403,247.17	536,155.03	32.10858885	-104.21656443
	2,400.00	14.00	252.56	2,359.06	-804.94	-108.28	-111.31	-354.42	0.00	403,239.92	536,131.95	32.10856899	-104.21663898
	2,500.00	14.00	252.56	2,456.09	-707.91	-115.33	-118.56	-377.50	0.00	403,232.67	536,108.87	32.10854914	-104.21671354
	2,600.00	14.00	252.56	2,553.12	-610.88	-122.38	-125.81	-400.58	0.00	403,225.42	536,085.80	32.10852928	-104.21678809
	2,700.00	14.00	252.56	2,650.15	-513.85	-129.43	-133.06	-423.66	0.00	403,218.18	536,062.72	32.10850942	-104.21686265
	2,800.00	14.00	252.56	2,747.18	-416.82	-136.48	-140.30	-446.74	0.00	403,210.93	536,039.64	32.10848957	-104.21693720
	2,900.00	14.00	252.56	2,844.21	-319.79	-143.53	-147.55	-469.82	0.00	403,203.68	536,016.57	32.10846971	-104.21701176
Cherry Canyon (CRCN)	2,912.07	14.00	252.56	2,855.92	-308.08	-144.38	-148.43	-472.60	0.00	403,202.81	536,013.78	32.10846732	-104.21702076
	3,000.00	14.00	252.56	2,941.24	-222.76	-150.58	-154.80	-492.90	0.00	403,196.43	535,993.49	32.10844986	-104.21708631
	3,100.00	14.00	252.56	3,038.27	-125.73	-157.63	-162.05	-515.97	0.00	403,189.19	535,970.41	32.10843000	-104.21716087
	3,200.00	14.00	252.56	3,135.30	-28.70	-164.68	-169.30	-539.05	0.00	403,181.94	535,947.34	32.10841015	-104.21723542
	3,300.00	14.00	252.56	3,232.33	68.33	-171.73	-176.54	-562.13	0.00	403,174.69	535,924.26	32.10839029	-104.21730998
	3,400.00	14.00	252.56	3,329.36	165.36	-178.78	-183.79	-585.21	0.00	403,167.44	535,901.18	32.10837044	-104.21738453
	3,500.00	14.00	252.56	3,426.39	262.39	-185.83	-191.04	-608.29	0.00	403,160.20	535,878.11	32.10835058	-104.21745909
	3,600.00	14.00	252.56	3,523.42	359.42	-192.88	-198.29	-631.37	0.00	403,152.95	535,855.03	32.10833073	-104.21753364
	3,700.00	14.00	252.56	3,620.45	456.45	-199.93	-205.54	-654.45	0.00	403,145.70	535,831.95	32.10831087	-104.21760820
	3,800.00	14.00	252.56	3,717.48	553.48	-206.98	-212.79	-677.53	0.00	403,138.45	535,808.88	32.10829102	-104.21768275
	3,900.00	14.00	252.56	3,814.51	650.51	-214.03	-220.03	-700.60	0.00	403,131.21	535,785.80	32.10827116	-104.21775731
	4,000.00	14.00	252.56	3,911.54	747.54	-221.08	-227.28	-723.68	0.00	403,123.96	535,762.72	32.10825130	-104.21783186
Brushy Canyon (BCN)	4,011.51	14.00	252.56	3,922.71	758.71	-221.90	-228.12	-726.34	0.00	403,123.12	535,760.07	32.10824902	-104.21784045
	4,100.00	14.00	252.56	4,008.57	844.57	-228.14	-234.53	-746.76	0.00	403,116.71	535,739.65	32.10823145	-104.21790642
	4,200.00	14.00	252.56	4,105.60	941.60	-235.19	-241.78	-769.84	0.00	403,109.46	535,716.57	32.10821159	-104.21798097
	4,300.00	14.00	252.56	4,202.63	1,038.63	-242.24	-249.03	-792.92	0.00	403,102.22	535,693.49	32.10819174	-104.21805553
	4,400.00	14.00	252.56	4,299.66	1,135.66	-249.29	-256.27	-816.00	0.00	403,094.97	535,670.42	32.10817188	-104.21813008
	4,500.00	14.00	252.56	4,396.69	1,232.69	-256.34	-263.52	-839.08	0.00	403,087.72	535,647.34	32.10815202	-104.21820464
Drop 1.5°/100ft	4,554.99	14.00	252.56	4,450.05	1,286.05	-260.21	-267.51	-851.77	0.00	403,083.74	535,634.65	32.10814111	-104.21824564
	4,600.00	13.32	252.56	4,493.79	1,329.79	-263.31	-270.69	-861.91	1.50	403,080.55	535,624.51	32.10813238	-104.21827840
	4,700.00	11.82	252.56	4,591.38	1,427.38	-269.66	-277.22	-882.68	1.50	403,074.03	535,603.74	32.10811451	-104.21834549
	4,800.00	10.32	252.56	4,689.52	1,525.52	-275.26	-282.97	-901.00	1.50	403,068.27	535,585.42	32.10809875	-104.21840469
	4,900.00	8.82	252.56	4,788.12	1,624.12	-280.10	-287.95	-916.87	1.50	403,063.29	535,569.55	32.10808509	-104.21845594
	5,000.00	7.32	252.56	4,887.13	1,723.13	-284.20	-292.16	-930.27	1.50	403,059.08	535,556.16	32.10807357	-104.21849923
	5,100.00	5.82	252.56	4,986.47	1,822.47	-287.53	-295.59	-941.19	1.50	403,055.65	535,545.23	32.10806417	-104.21853451
	5,200.00	4.32	252.56	5,086.08	1,922.08	-290.11	-298.24	-949.63	1.50	403,053.00	535,536.80	32.10805691	-104.21856177
	5,300.00	2.82	252.56	5,185.88	2,021.88	-291.93	-300.11	-955.58	1.50	403,051.14	535,530.85	32.10805179	-104.21858098
	5,400.00	1.32	252.56	5,285.81	2,121.81	-292.98	-301.19	-959.03	1.50	403,050.05	535,527.40	32.10804882	-104.21859213
Hold Vertical	5,488.25	0.00	252.56	5,374.05	2,210.05	-293.28	-301.50	-960.00	1.50	403,049.75	535,526.43	32.10804799	-104.21859527
	5,500.00	0.00	252.56	5,385.80	2,221.80	-293.28	-301.50	-960.00	0.00	403,049.75	535,526.43	32.10804799	-104.21859527
	5,600.00	0.00	252.56	5,485.80	2,321.80	-293.28	-301.50	-960.00	0.00	403,049.75	535,526.43	32.10804799	-104.21859527
Bone Spring Lime (BSGL)	5,670.27	0.00	252.56	5,556.07	2,392.07	-293.28	-301.50	-960.00	0.00	403,049.75	535,526.43	32.10804799	-104.21859527
	5,700.00	0.00	252.56	5,585.80	2,421.80	-293.28	-301.50	-960.00	0.00	403,049.75	535,526.43	32.10804799	-104.21859527
Avalon Upper (AVU)	5,780.36	0.00	252.56	5,666.16	2,502.16	-293.28	-301.50	-960.00	0.00	403,049.75	535,526.43	32.10804799	-104.21859527
	5,800.00	0.00	252.56	5,685.80	2,521.80	-293.28	-301.50	-960.00	0.00	403,049.75	535,526.43	32.10804799	-104.21859527
	5,900.00	0.00	252.56	5,785.80	2,621.80	-293.28	-301.50	-960.00	0.00	403,049.75	535,526.43	32.10804799	-104.21859527
	6,000.00	0.00	252.56	5,885.80	2,721.80	-293.28	-301.50	-960.00	0.00	403,049.75	535,526.43	32.10804799	-104.21859527
	6,100.00	0.00	252.56	5,985.80	2,821.80	-293.28	-301.50	-960.00	0.00	403,049.75	535,526.43	32.10804799	-104.21859527
Avalon Lower (AVL)	6,113.27	0.00	252.56	5,999.07	2,835.07	-293.28	-301.50	-960.00	0.00	403,049.75	535,526.43	32.10804799	-104.21859527
	6,200.00	0.00	252.56	6,085.80	2,921.80	-293.28	-301.50	-960.00	0.00	403,049.75	535,526.43	32.10804799	-104.21859527
	6,300.00	0.00	252.56	6,185.80	3,021.80	-293.28	-301.50	-960.00	0.00	403,049.75	535,526.43	32.10804799	-104.21859527
	6,400.00	0.00	252.56	6,285.80	3,121.80	-293.28	-301.50	-960.00	0.00	403,049.75	535,526.43	32.10804799	-104.21859527
	6,500.00	0.00	252.56	6,385.80	3,221.80	-293.28	-301.50	-960.00	0.00	403,049.75	535,526.43	32.10804799	-104.21859527
First Bone Spring Upper (FBU)	6,555.93	0.00	252.56	6,441.73	3,277.73	-293.28	-301.50	-960.00	0.00	403,049.75	535,526.43	32.10804799	-104.21859527
	6,600.00	0.00	252.56	6,485.80	3,321.80	-293.28	-301.50	-960.00	0.00	403,049.75	535,526.43	32.10804799	-104.21859527
	6,700.00	0.00	252.56	6,585.80	3,421.80	-293.28	-301.50	-960.00	0.00	403,049.75	535,526.43	32.10804799	-104.21859527
First Bone Spring Lower (FBL)	6,779.31	0.00	252.56	6,665.11	3,501.11	-293.28	-301.50	-960.00	0.00	403,049.75	535,526.43	32.10804799	-104.21859527
	6,800.00	0.00	252.56	6,685.80	3,521.80	-293.28	-301.50	-960.00	0.00	403,049.75	535,526.43	32.10804799	-104.21859527
	6,900.00	0.00	252.56	6,785.80	3,621.80	-293.28	-301.50	-960.00	0.00	403,049.75	535,526.43	32.10804799	-104.21859527
	7,000.00	0.00	252.56	6,885.80	3,721.80	-293.28	-301.50	-960.00	0.00	403,049.75	535,526.43	32.10804799	-104.21859527
Second Bone Spring Upper (SBL	7,097.99	0.00	252.56	6,983.79	3,819.79	-293.28	-301.50	-960.00	0.00	403,049.75	535,526.43	32.10804799	-104.21859527
	7,100.00	0.00	252.56	6,985.80	3,821.80	-293.28	-301.50	-960.00	0.00	403,049.75	535,526.43	32.10804799	-104.21859527
	7,200.00	0.00	252.56	7,085.80	3,921.80	-293.28	-301.50	-960.00	0.00	403,049.75	535,526.43	32.10804799	-104.21859527
	7,300.00	0.00	252.56	7,185.80	4,021.80	-293.28	-301.50	-960.00	0.00	403,049.75	535,526.43	32.10804799	-104.21859527
	7,400.00	0.00	252.56	7,285.80	4,121.80	-293.28	-301.50	-960.00	0.00	403,049.75	535,526.43	32.10804799	-104.21859527
	7,500.00	0.00	252.56	7,385.80	4,221.80	-293.28	-301.50	-960.00	0.00	403,049.75	535,526.43	32.10804799	-104.21859527
Second Bone Spring Lower (SBL	7,558.10	0.00	252.56	7,443.90	4,279.90	-293.28	-301.50	-960.00	0.00	403,049.75	535,526.43	32.10804799	-104.21859527
	7,600.00	0.00	252.56	7,485.80	4,321.80	-293.28	-301.50	-960.00	0.00	403,049.75	535,526.43	32.10804799	-104.21859527
	7,700.00	0.00	252.56	7,585.80	4,421.80	-293.28	-301.50	-960.00	0.00	403,049.75	535,526.43	32.10804799	-104.21859527
	7,800.00	0.00	252.56	7,685.80	4,521.80	-293.28	-301.50	-960.00	0.00	403,049.75	535,526.43	32.10804799	-104.21859527
	7,900.00	0.00	252.56	7,785.80	4,621.80	-293.28	-301.50	-960.00	0.00	403,049.75	535,526.43	32.10804799	-104.21859527
	8,000.00	0.00	252.56	7,885.80	4,721.80	-293.28	-301.50	-960.00	0.00	403,049.75	535,526.43	32.10804799	-104.21859527
	8,100.00	0.00	252.56	7,985.80	4,821.80	-293.28	-301.50	-960.00	0.00	403,049.75	535,526.43	32.10804799	-104.21859527
TB1C	8,191.65	0.00	252.56	8,077.45	4,913.45	-293.28	-301.50	-960.00	0.00	403,049.75	535,526.43	32.10804799	-104.21859527
	8,200.00	0.00	252.56	8,085.80	4,921.80	-293.28	-301.50	-960.00	0.00	403,049.75	535,526.43	32.10804799	-104.21859527
	8,300.00	0.00	252.56	8,185.80	5,021.80	-293.28	-301.50	-960.00	0.00	403,049.75	535,526.43	32.10804799	-104.21859527
	8,400.00	0.00	252.56	8,285.80	5,121.80	-293.28	-301.50	-960.00	0.00	403,049.75	535,526.43	32.10804799	-104.21859527
Third Bone Spring	8,421.38	0.00	252.56	8,307.18	5,143.18	-293.28	-301.50	-960.00	0.00	403,049.75	535,526.43	32.10804799	-104.21859527
Build 10°/100ft	8,470.25	0.00	252.56	8,356.05	5,192.05	-293.28	-301.50	-960.00	0.00	403,049.75	535,526.43	32.10804799	-104.21859527
	8,500.00	2.98	353.55	8,385.79	5,221.79	-292.51	-300.73	-960.09	10.00	403,050.51	535,526.34	32.10805010	-104.21859555
	8,600.00	12.98	353.55	8,484.70	5,320.70	-278.73	-286.96	-961.64	10.00	403,064.28	535,524.79	32.10808795	-104.21860053
	8,700.00	22.98	353.55	8,579.69	5,415.69	-248.07	-256.34	-965.10	10.00	403,094.91	535,521.32	32.10817215	-104.21861160
Wolfcamp A	8,778.02	30.78	353.55	8,649.23	5,485.23	-213.02	-221.32	-969.06	10.00	403,129.92	535,517.37	32.10826841	-104.21862426
	8,800.00	32.98	353.55	8,667.90	5,503.90	-201.48	-209.78	-970.37	10.00	403,141.45	535,516.06	32.10830013	-104.21862843

Comments	MD (ft)	Incl (°)	Azim (°)	TVD (ft)	TVDSS (ft)	VSEC (ft)	NS (ft)	EW (ft)	DLS (°/100ft)	Northing (ftUS)	Easting (ftUS)	Latitude (°)	Longitude (°)
	8,900.00	42.98	353.55	8,746.62	5,582.62	-140.36	-148.72	-977.27	10.00	403,202.51	535,509.16	32.10846800	-104.21865051
WCA_TGT4	8,980.79	51.05	353.55	8,801.66	5,637.66	-81.63	-90.04	-983.90	10.00	403,261.18	535,502.53	32.10862930	-104.21867172
	9,000.00	52.98	353.55	8,813.48	5,649.48	-66.57	-75.00	-985.60	10.00	403,276.23	535,500.83	32.10867067	-104.21867716
WCA1	9,026.43	55.62	353.55	8,828.91	5,664.91	-45.22	-53.67	-988.01	10.00	403,297.56	535,498.42	32.10872930	-104.21868487
	9,100.00	62.98	353.55	8,866.45	5,702.45	17.65	9.14	-995.11	10.00	403,360.36	535,491.32	32.10890198	-104.21870758
330' FTP Cross	9,121.54	65.13	353.55	8,875.87	5,711.87	36.91	28.39	-997.28	10.00	403,379.60	535,489.15	32.10895488	-104.21871454
	9,200.00	72.98	353.55	8,903.90	5,739.90	109.74	101.14	-1,005.51	10.00	403,452.35	535,480.93	32.10915489	-104.21874084
	9,300.00	82.98	353.55	8,924.71	5,760.71	206.89	198.20	-1,016.48	10.00	403,549.41	535,469.96	32.10942173	-104.21877593
Landing Point	9,372.57	90.23	353.55	8,929.00	5,765.00	278.89	270.14	-1,024.61	10.00	403,621.33	535,461.83	32.10961949	-104.21880194
	9,400.00	90.23	353.55	8,928.89	5,764.89	306.17	297.40	-1,027.69	0.00	403,648.59	535,458.75	32.10969443	-104.21881180
	9,500.00	90.23	353.55	8,928.49	5,764.49	405.63	396.76	-1,038.92	0.00	403,747.95	535,447.52	32.10996760	-104.21884772
	9,600.00	90.23	353.55	8,928.08	5,764.08	505.09	496.13	-1,050.15	0.00	403,847.30	535,436.29	32.11024077	-104.21888365
	9,700.00	90.23	353.55	8,927.68	5,763.68	604.55	595.50	-1,061.38	0.00	403,946.66	535,425.06	32.11051394	-104.21891958
	9,800.00	90.23	353.55	8,927.27	5,763.27	704.01	694.86	-1,072.61	0.00	404,046.02	535,413.83	32.11078711	-104.21895550
	9,900.00	90.23	353.55	8,926.87	5,762.87	803.47	794.23	-1,083.84	0.00	404,145.38	535,402.60	32.11106028	-104.21899143
	10,000.00	90.23	353.55	8,926.46	5,762.46	902.93	893.60	-1,095.07	0.00	404,244.73	535,391.37	32.11133345	-104.21902736
Turn 2°/100ft	10,047.02	90.23	353.55	8,926.27	5,762.27	949.70	940.32	-1,100.35	0.00	404,291.46	535,386.09	32.11146191	-104.21904425
	10,100.00	90.23	354.61	8,926.06	5,762.06	1,002.44	993.01	-1,105.81	2.00	404,344.14	535,380.63	32.11160676	-104.21906171
	10,200.00	90.23	356.61	8,925.66	5,761.66	1,102.20	1,092.72	-1,113.46	2.00	404,443.84	535,372.98	32.11188084	-104.21908608
	10,300.00	90.23	358.61	8,925.26	5,761.26	1,202.14	1,192.62	-1,117.63	2.00	404,543.73	535,368.81	32.11215548	-104.21909920
Hold	10,309.93	90.23	358.81	8,925.22	5,761.22	1,212.06	1,202.55	-1,117.85	2.00	404,553.66	535,368.59	32.11218275	-104.21909988
	10,400.00	90.23	358.81	8,924.87	5,760.87	1,302.13	1,292.60	-1,119.72	0.00	404,643.70	535,366.72	32.11243030	-104.21910562
	10,500.00	90.23	358.81	8,924.48	5,760.48	1,402.12	1,392.58	-1,121.80	0.00	404,743.67	535,364.64	32.11270512	-104.21911198
	10,600.00	90.23	358.81	8,924.08	5,760.08	1,502.11	1,492.56	-1,123.88	0.00	404,843.64	535,362.57	32.11297994	-104.21911835
	10,700.00	90.23	358.81	8,923.69	5,759.69	1,602.10	1,592.53	-1,125.95	0.00	404,943.61	535,360.49	32.11325477	-104.21912471
	10,800.00	90.23	358.81	8,923.30	5,759.30	1,702.10	1,692.51	-1,128.03	0.00	405,043.58	535,358.41	32.11352959	-104.21913108
	10,900.00	90.23	358.81	8,922.91	5,758.91	1,802.09	1,792.49	-1,130.11	0.00	405,143.54	535,356.34	32.11380441	-104.21913744
	11,000.00	90.23	358.81	8,922.51	5,758.51	1,902.08	1,892.47	-1,132.18	0.00	405,243.51	535,354.26	32.11407924	-104.21914380
	11,100.00	90.23	358.81	8,922.12	5,758.12	2,002.07	1,992.44	-1,134.26	0.00	405,343.48	535,352.18	32.11435406	-104.21915017
	11,200.00	90.23	358.81	8,921.73	5,757.73	2,102.06	2,092.42	-1,136.34	0.00	405,443.45	535,350.11	32.11462888	-104.21915654
	11,300.00	90.23	358.81	8,921.33	5,757.33	2,202.05	2,192.40	-1,138.41	0.00	405,543.42	535,348.03	32.11490371	-104.21916290
	11,400.00	90.23	358.81	8,920.94	5,756.94	2,302.05	2,292.38	-1,140.49	0.00	405,643.39	535,345.95	32.11517853	-104.21916927
	11,500.00	90.23	358.81	8,920.55	5,756.55	2,402.04	2,392.35	-1,142.57	0.00	405,743.36	535,343.88	32.11545335	-104.21917563
	11,600.00	90.23	358.81	8,920.16	5,756.16	2,502.03	2,492.33	-1,144.64	0.00	405,843.32	535,341.80	32.11572818	-104.21918200
	11,700.00	90.23	358.81	8,919.76	5,755.76	2,602.02	2,592.31	-1,146.72	0.00	405,943.29	535,339.72	32.11600300	-104.21918836
	11,800.00	90.23	358.81	8,919.37	5,755.37	2,702.01	2,692.29	-1,148.80	0.00	406,043.26	535,337.65	32.11627782	-104.21919473
	11,900.00	90.23	358.81	8,918.98	5,754.98	2,802.01	2,792.26	-1,150.87	0.00	406,143.23	535,335.57	32.11655265	-104.21920109
	12,000.00	90.23	358.81	8,918.59	5,754.59	2,902.00	2,892.24	-1,152.95	0.00	406,243.20	535,333.49	32.11682747	-104.21920746
	12,100.00	90.23	358.81	8,918.19	5,754.19	3,001.99	2,992.22	-1,155.03	0.00	406,343.17	535,331.42	32.11710229	-104.21921382
	12,200.00	90.23	358.81	8,917.80	5,753.80	3,101.98	3,092.20	-1,157.10	0.00	406,443.14	535,329.34	32.11737712	-104.21922019
	12,300.00	90.23	358.81	8,917.41	5,753.41	3,201.97	3,192.18	-1,159.18	0.00	406,543.10	535,327.26	32.11765194	-104.21922655
	12,400.00	90.23	358.81	8,917.01	5,753.01	3,301.96	3,292.15	-1,161.26	0.00	406,643.07	535,325.19	32.11792676	-104.21923292
	12,500.00	90.23	358.81	8,916.62	5,752.62	3,401.96	3,392.13	-1,163.33	0.00	406,743.04	535,323.11	32.11820159	-104.21923928
	12,600.00	90.23	358.81	8,916.23	5,752.23	3,501.95	3,492.11	-1,165.41	0.00	406,843.01	535,321.03	32.11847641	-104.21924565
	12,700.00	90.23	358.81	8,915.84	5,751.84	3,601.94	3,592.09	-1,167.49	0.00	406,942.98	535,318.96	32.11875123	-104.21925202
	12,800.00	90.23	358.81	8,915.44	5,751.44	3,701.93	3,692.06	-1,169.57	0.00	407,042.95	535,316.88	32.11902606	-104.21925838
	12,900.00	90.23	358.81	8,915.05	5,751.05	3,801.92	3,792.04	-1,171.64	0.00	407,142.92	535,314.81	32.11930088	-104.21926475
	13,000.00	90.23	358.81	8,914.66	5,750.66	3,901.91	3,892.02	-1,173.72	0.00	407,242.88	535,312.73	32.11957570	-104.21927111
	13,100.00	90.23	358.81	8,914.27	5,750.27	4,001.91	3,992.00	-1,175.80	0.00	407,342.85	535,310.65	32.11985053	-104.21927748
	13,200.00	90.23	358.81	8,913.87	5,749.87	4,101.90	4,091.97	-1,177.87	0.00	407,442.82	535,308.58	32.12012535	-104.21928384
	13,300.00	90.23	358.81	8,913.48	5,749.48	4,201.89	4,191.95	-1,179.95	0.00	407,542.79	535,306.50	32.12040017	-104.21929021
	13,400.00	90.23	358.81	8,913.09	5,749.09	4,301.88	4,291.93	-1,182.03	0.00	407,642.76	535,304.42	32.12067500	-104.21929658
	13,500.00	90.23	358.81	8,912.70	5,748.70	4,401.87	4,391.91	-1,184.10	0.00	407,742.73	535,302.35	32.12094982	-104.21930294
	13,600.00	90.23	358.81	8,912.30	5,748.30	4,501.87	4,491.89	-1,186.18	0.00	407,842.69	535,300.27	32.12122464	-104.21930931
	13,700.00	90.23	358.81	8,911.91	5,747.91	4,601.86	4,591.86	-1,188.26	0.00	407,942.66	535,298.19	32.12149946	-104.21931567
	13,800.00	90.23	358.81	8,911.52	5,747.52	4,701.85	4,691.84	-1,190.33	0.00	408,042.63	535,296.12	32.12177429	-104.21932204
	13,900.00	90.23	358.81	8,911.12	5,747.12	4,801.84	4,791.82	-1,192.41	0.00	408,142.60	535,294.04	32.12204911	-104.21932840
	14,000.00	90.23	358.81	8,910.73	5,746.73	4,901.83	4,891.80	-1,194.49	0.00	408,242.57	535,291.96	32.12232393	-104.21933477
	14,100.00	90.23	358.81	8,910.34	5,746.34	5,001.82	4,991.77	-1,196.56	0.00	408,342.54	535,289.89	32.12259876	-104.21934114
MP/PPP3	14,109.93	90.23	358.81	8,910.30	5,746.30	5,011.75	5,001.70	-1,196.77	0.00	408,352.46	535,289.68	32.12262603	-104.21934177
Hold	14,166.21	90.23	359.94	8,910.08	5,746.08	5,068.04	5,057.98	-1,197.39	2.00	408,408.74	535,289.06	32.12278075	-104.21934357
	14,200.00	90.23	359.94	8,909.94	5,745.94	5,101.82	5,091.77	-1,197.42	0.00	408,442.52	535,289.03	32.12287362	-104.21934357
	14,300.00	90.23	359.94	8,909.54	5,745.54	5,201.82	5,191.77	-1,197.54	0.00	408,542.51	535,288.91	32.12314849	-104.21934359
	14,400.00	90.23	359.94	8,909.13	5,745.13	5,301.81	5,291.76	-1,197.65	0.00	408,642.50	535,288.80	32.12342337	-104.21934361
	14,500.00	90.23	359.94	8,908.73	5,744.73	5,401.81	5,391.76	-1,197.76	0.00	408,742.49	535,288.69	32.12369825	-104.21934363
	14,600.00	90.23	359.94	8,908.33	5,744.33	5,501.81	5,491.76	-1,197.87	0.00	408,842.48	535,288.58	32.12397312	-104.21934365
	14,700.00	90.23	359.94	8,907.92	5,743.92	5,601.80	5,591.76	-1,197.98	0.00	408,942.47	535,288.47	32.12424800	-104.21934368
	14,800.00	90.23	359.94	8,907.52	5,743.52	5,701.80	5,691.76	-1,198.10	0.00	409,042.46	535,288.35	32.12452287	-104.21934370
	14,900.00	90.23	359.94	8,907.12	5,743.12	5,801.80	5,791.76	-1,198.21	0.00	409,142.45	535,288.24	32.12479775	-104.21934372
	15,000.00	90.23	359.94	8,906.71	5,742.71	5,901.79	5,891.76	-1,198.32	0.00	409,242.44	535,288.13	32.12507263	-104.21934374
	15,100.00	90.23	359.94	8,906.31	5,742.31	6,001.79	5,991.76	-1,198.43	0.00	409,342.43	535,288.02	32.12534750	-104.21934376
	15,200.00	90.23	359.94	8,905.91	5,741.91	6,101.78	6,091.76	-1,198.54	0.00	409,442.42	535,287.91	32.12562238	-104.21934378
	15,300.00	90.23	359.94	8,905.50	5,741.50	6,201.78	6,191.76	-1,198.66	0.00	409,542.41	535,287.79	32.12589725	-104.21934380
	15,400.00	90.23	359.94	8,905.10	5,741.10	6,301.78	6,291.76	-1,198.77	0.00	409,642.40	535,287.68	32.12617213	-104.21934382
	15,500.00	90.23	359.94	8,904.69	5,740.69	6,401.77	6,391.75	-1,198.88	0.00	409,742.39	535,287.57	32.12644701	-104.21934384
	15,600.00	90.23	359.94	8,904.29	5,740.29	6,501.77	6,491.75	-1,198.99	0.00	409,842.38	535,287.46	32.12672188	-104.21934386
	15,700.00	90.23	359.94	8,903.89	5,739.89	6,601.77	6,591.75	-1,199.11	0.00	409,942.37	535,287.34	32.12699676	-104.21934388
	15,800.00	90.23	359.94	8,903.48	5,739.48	6,701.76	6,691.75	-1,199.22	0.00	410,042.36	535,287.23	32.12727164	-104.21934390
	15,900.00	90.23	359.94	8,903.08	5,739.08	6,801.76	6,791.75	-1,199.33	0.00	410,142.35	535,287.12	32.12754651	-104.21934392
	16,000.00	90.23	359.94	8,902.68	5,738.68	6,901.76	6,891.75	-1,199.44	0.00	410,242.34	535,287.01	32.12782139	-104.21934394
	16,100.00	90.23	359.94	8,902.27	5,738.27	7,001.75	6,991.75	-1,199.55	0.00	410,342.33	535,286.90	32.12809626	-104.21934396
	16,200.00	90.23	359.94	8,901.87	5,737.87	7,101.75	7,091.75	-1,199.67	0.00	410,442.32	535,286.78	32.12837114	-104.21934398
	16,300.00	90.23	359.94	8,901.47	5,737.47	7,201.75	7,191.75	-1,199.78	0.00	410,542.31	535,286.67	32.12864602	-104.21934400
	16,400.00	90.23	359.94	8,901.06	5,737.06	7,301.74	7,291.75	-1,199.89	0.00	410,642.30	535,286.56	32.12892089	-104.21934402
	16,500.00	90.23	359.94	8,900.66	5,736.66	7,401.74	7,391.75	-1,200.00	0.00	410,742.29	535,286.45	32.12919577	-104.21934404
	16,600.00	90.23	359.94	8,900.26	5,736.26	7,501.73	7,491.75	-1,200.11	0.00	410,842.28	535,286.34	32.12947064	-104.21934406
	16,700.00	90.23	359.94	8,899.85	5,735.85	7,601.73	7,591.74	-1,200.23	0.00	410,942.27	535,286.22	32.12974552	-104.21934408
	16,800.00	90.23	359.94	8,899.45	5,735.45	7,701.73	7,691.74	-1,200.34	0.00	411,042.26	535,286.11	32.13002040	-104.21934410
	16,900.00	90.23	359.94	8,899.05	5,735.05	7,801.72	7,791.74	-1,200.45	0.00	411,142.25	535,286.00	32.13029527	-104.21934412
	17,000.00	90.23	359.94	8,898.64	5,734.64	7,901.72	7,891.74	-1,200.56	0.00	411,242.24	535,285.89	32.13057015	-104.21934414
	17,100.00	90.23	359.94	8,898.24	5,734.24	8,001.72	7,991.74	-1,200.67	0.00	411,342.23	535,285.78	32.13084502	-104.21934416
	17,200.00	90.23	359.94	8,897.84	5,733.84	8,101.71	8,091.74	-1,200.79	0.00	411,442.22	535,285.66	32.13111990	-104.21934419
	17,300.00	90.23	359.94	8,897.43	5,733.43	8,201.71	8,191.74	-1,200.90	0.00	411,542.21	535,285.55	32.13139477	-104.21934421
	17,400.00	90.23	359.94	8,897.03	5,733.03	8,301.71	8,291.74	-1,201.01	0.00	411,642.20	535,285.44	32.13166965	-104.21934423
	17,500.00	90.23	359.94	8,896.63	5,732.63	8,401.70	8,391.74	-1,201.12	0.00	411,742.19	535,285.33	32.13194453	-104.21934425
	17,600.00	90.23	359.94	8,896.22	5,732.22	8,501.70	8,491.74	-1,201.24	0.00	411,842.18	535,285.21	32.13221940	-104.21934427
	17,700.00	90.23	359.94	8,895.82	5,731.82	8,601.70	8,591.74	-1,201.35	0.00	411,942.17	535,285.10	32.13249428	-104.21934429
	17,800.00	90.23	359.94	8,895.42	5,731.42	8,701.69	8,691.73	-1,201.46	0.00	412,042.16	535,284.99	32.13276915	-104.21934431
	17,900.00	90.23	359.94	8,895.01	5,731.01	8,801.69	8,791.73	-1,201.57	0.00	412,142.15	535,284.88	32.13304403	-104.21934433
	18,000.00	90.23	359.94	8,894.61	5,730.61	8,901.68	8,891.73	-1,201.68	0.00	412,242.14	535,284.77	32.13331891	-104.21934435
	18,100.00	90.23	359.94	8,894.20	5,730.20	9,001.68	8,991.73	-1,201.80	0.00	412,342.13	535,284.65	32.13359378	-104.21934437
	18,200.00	90.23	359.94	8,893.80	5,729.80	9,101.68	9,091.73	-1,201.91	0.00	412,442.12	535,284.54	32.13386866	-104.21934439
	18,300.00	90.23	359.94	8,893.40	5,729.40	9,201.67	9,191.73	-1,202.02	0.00	412,542.11	535,284.43	32.13414353	-104.21934441
	18,400.00	90.23	359.94	8,892.99	5,728.99	9,301.67	9,291.73	-1,202.13	0.00	412,642.10	535,284.32	32.13441841	-104.21934443
	18,500.00	90.23	359.94	8,892.59	5,728.59	9,401.67	9,391.73	-1,202.24	0.00	412,742.09	535,284.21	32.13469328	-104.21934445
	18,600.00	90.23	359.94	8,892.19	5,728.19	9,501.66	9,491.73	-1,202.36	0.00	412,842.08	535,284.09	32.13496816	-104.21934447
	18,700.00	90.23	359.94	8,891.78	5,727.78	9,601.66	9,591.73	-1,202.47	0.00	412,942.07	535,283.98	32.13524304	-104.21934449
	18,800.00	90.23	359.94	8,891.38	5,727.38	9,701.66	9,691.73	-1,202.58	0.00	413,042.06	535,283.87	32.13551791	-104.21934451
	18,900.00	90.23	359.94	8,890.98	5,726.98	9,801.65	9,791.73	-1,202.69	0.00	413,142.05	535,283.76	32.13579279	-104.21934453
	19,000.00	90.23	359.94	8,890.57	5,726.57	9,901.65	9,891.72	-1,202.80	0.00	413,242.04	535,283.65	32.13606766	-104.21934455
	19,100.00	90.23	359.94	8,890.17	5,726.17	10,001.65	9,991.72	-1,202.92	0.00	413,342.03	535,283.53	32.13634254	-104.21934457
	19,200.00	90.23	359.94	8,889.77	5,725.77	10,101.64	10,091.72	-1,203.03	0.00	413,442.02	535,283.42	32.13661741	-104.21934459
	19,300.00	90.23	359.94	8,889.36	5,725.36	10,201.64	10,191.72	-1,203.14	0.00	413,542.01	535,283.31	32.13689229	-104.21934461
	19,400.00	90.23	359.94	8,888.96	5,724.96	10,301.63	10,291.72	-1,203.25	0.00	413,642.00	535,283.20	32.13716717	-104.21934463
MP/PPP4, Turn 2°/100ft	19,414.90	90.23	359.94	8,888.90	5,724.90	10,316.54	10,306.62	-1,203.27	0.00	413,656.90	535,283.18	32.13720813	-104.21934464
Hold to TD	19,423.22	90.23	359.77	8,888.87	5,724.87	10,324.86	10,314.94	-1,203.29	2.00	413,665.22	535,283.16	32.13723100	-104.21934468
	19,500.00	90.23	359.77	8,888.56	5,724.56	10,401.63	10,391.72	-1,203.60	0.00	413,741.99	535,282.85	32.13744204	-104.21934541
	19,600.00	90.23	359.77	8,888.17	5,724.17	10,501.63	10,491.72	-1,204.00	0.00	413,841.98	535,282.45	32.13771691	-104.21934637
	19,700.00	90.23	359.77	8,887.78	5,723.78	10,601.63	10,591.72	-1,204.41	0.00	413,941.97	535,282.04	32.13799179	-104.21934733
	19,800.00	90.23	359.77	8,887.38	5,723.38	10,701.63	10,691.71	-1,204.81	0.00	414,041.96	535,281.64	32.13826666	-104.21934829
	19,900.00	90.23	359.77	8,886.99	5,722.99	10,801.63	10,791.71	-1,205.21	0.00	414,141.95	535,281.24	32.13854154	-104.21934924
	20,000.00	90.23	359.77	8,886.59	5,722.59	10,901.62	10,891.71	-1,205.61	0.00	414,241.94	535,280.84	32.13881641	-104.21935020
	20,100.00	90.23	359.77	8,886.20	5,722.20	11,001.62	10,991.71	-1,206.01	0.00	414,341.93	535,280.44	32.13909129	-104.21935116
	20,200.00	90.23	359.77	8,885.80	5,721.80	11,101.62	11,091.71	-1,206.42	0.00	414,441.91	535,280.03	32.13936616	-104.21935212
	20,300.00	90.23	359.77	8,885.41	5,721.41	11,201.62	11,191.71	-1,206.82	0.00	414,541.90	535,279.63	32.13964104	-104.21935308
	20,400.00	90.23	359.77	8,885.02	5,721.02	11,301.62	11,291.70	-1,207.22	0.00	414,641.89	535,279.23	32.13991591	-104.21935403
	20,500.00	90.23	359.77	8,884.62	5,720.62	11,401.61	11,391.70	-1,207.62	0.00	414,741.88	535,278.83	32.14019078	-104.21935499
	20,600.00	90.23	359.77	8,884.23	5,720.23	11,501.61	11,491.70	-1,208.03	0.00	414,841.87	535,278.42	32.14046566	-104.21935595
	20,700.00	90.23	359.77	8,883.83	5,719.83	11,601.61	11,591.70	-1,208.43	0.00	414,941.86	535,278.02	32.14074053	-104.21935691
	20,800.00	90.23	359.77	8,883.44	5,719.44	11,701.61	11,691.70	-1,208.83	0.00	415,041.85	535,277.62	32.14101541	-104.21935787
	20,900.00	90.23	359.77	8,883.05	5,719.05	11,801.61	11,791.70	-1,209.23	0.00	415,141.84	535,277.22	32.14129028	-104.21935883
	21,000.00	90.23	359.77	8,882.65	5,718.65	11,901.61	11,891.70	-1,209.64	0.00	415,241.83	535,276.81	32.14156516	-104.21935978
	21,100.00	90.23	359.77	8,882.26	5,718.26	12,001.60	11,991.69	-1,210.04	0.00	415,341.82	535,276.41	32.14184003	-104.21936074
	21,200.00	90.23	359.77	8,881.86	5,717.86	12,101.60	12,091.69	-1,210.44	0.00	415,441.81	535,276.01	32.14211490	-104.21936170
	21,300.00	90.23	359.77	8,881.47	5,717.47	12,201.60	12,191.69	-1,210.84	0.00	415,541.80	535,275.61	32.14238978	-104.21936266
	21,400.00	90.23	359.77	8,881.07	5,717.07	12,301.60	12,291.69	-1,211.25	0.00	415,641.79	535,275.20	32.14266465	-104.21936362

Comments	MD (ft)	Incl (°)	Azim (°)	TVD (ft)	TVDSS (ft)	VSEC (ft)	NS (ft)	EW (ft)	DLS (°/100ft)	Northing (ftUS)	Easting (ftUS)	Latitude (°)	Longitude (°)
	21,500.00	90.23	359.77	8,880.68	5,716.68	12,401.60	12,391.69	-1,211.65	0.00	415,741.78	535,274.80	32.14293953	-104.21936457
	21,600.00	90.23	359.77	8,880.29	5,716.29	12,501.59	12,491.69	-1,212.05	0.00	415,841.76	535,274.40	32.14321440	-104.21936553
	21,700.00	90.23	359.77	8,879.89	5,715.89	12,601.59	12,591.68	-1,212.45	0.00	415,941.75	535,274.00	32.14348928	-104.21936649
	21,800.00	90.23	359.77	8,879.50	5,715.50	12,701.59	12,691.68	-1,212.86	0.00	416,041.74	535,273.59	32.14376415	-104.21936745
	21,900.00	90.23	359.77	8,879.10	5,715.10	12,801.59	12,791.68	-1,213.26	0.00	416,141.73	535,273.19	32.14403902	-104.21936841
	22,000.00	90.23	359.77	8,878.71	5,714.71	12,901.59	12,891.68	-1,213.66	0.00	416,241.72	535,272.79	32.14431390	-104.21936937
	22,100.00	90.23	359.77	8,878.31	5,714.31	13,001.59	12,991.68	-1,214.06	0.00	416,341.71	535,272.39	32.14458877	-104.21937032
	22,200.00	90.23	359.77	8,877.92	5,713.92	13,101.58	13,091.68	-1,214.47	0.00	416,441.70	535,271.99	32.14486365	-104.21937128
	22,300.00	90.23	359.77	8,877.53	5,713.53	13,201.58	13,191.67	-1,214.87	0.00	416,541.69	535,271.58	32.14513852	-104.21937224
	22,400.00	90.23	359.77	8,877.13	5,713.13	13,301.58	13,291.67	-1,215.27	0.00	416,641.68	535,271.18	32.14541339	-104.21937320
	22,500.00	90.23	359.77	8,876.74	5,712.74	13,401.58	13,391.67	-1,215.67	0.00	416,741.67	535,270.78	32.14568827	-104.21937416
	22,600.00	90.23	359.77	8,876.34	5,712.34	13,501.58	13,491.67	-1,216.08	0.00	416,841.66	535,270.38	32.14596314	-104.21937511
	22,700.00	90.23	359.77	8,875.95	5,711.95	13,601.57	13,591.67	-1,216.48	0.00	416,941.65	535,269.97	32.14623802	-104.21937607
	22,800.00	90.23	359.77	8,875.56	5,711.56	13,701.57	13,691.67	-1,216.88	0.00	417,041.64	535,269.57	32.14651289	-104.21937703
	22,900.00	90.23	359.77	8,875.16	5,711.16	13,801.57	13,791.67	-1,217.28	0.00	417,141.62	535,269.17	32.14678777	-104.21937799
	23,000.00	90.23	359.77	8,874.77	5,710.77	13,901.57	13,891.66	-1,217.69	0.00	417,241.61	535,268.77	32.14706264	-104.21937895
	23,100.00	90.23	359.77	8,874.37	5,710.37	14,001.57	13,991.66	-1,218.09	0.00	417,341.60	535,268.36	32.14733751	-104.21937991
	23,200.00	90.23	359.77	8,873.98	5,709.98	14,101.57	14,091.66	-1,218.49	0.00	417,441.59	535,267.96	32.14761239	-104.21938086
	23,300.00	90.23	359.77	8,873.58	5,709.58	14,201.56	14,191.66	-1,218.89	0.00	417,541.58	535,267.56	32.14788726	-104.21938182
	23,400.00	90.23	359.77	8,873.19	5,709.19	14,301.56	14,291.66	-1,219.29	0.00	417,641.57	535,267.16	32.14816214	-104.21938278
	23,500.00	90.23	359.77	8,872.80	5,708.80	14,401.56	14,391.66	-1,219.70	0.00	417,741.56	535,266.75	32.14843701	-104.21938374
	23,600.00	90.23	359.77	8,872.40	5,708.40	14,501.56	14,491.65	-1,220.10	0.00	417,841.55	535,266.35	32.14871188	-104.21938470
	23,700.00	90.23	359.77	8,872.01	5,708.01	14,601.56	14,591.65	-1,220.50	0.00	417,941.54	535,265.95	32.14898676	-104.21938566
	23,800.00	90.23	359.77	8,871.61	5,707.61	14,701.55	14,691.65	-1,220.90	0.00	418,041.53	535,265.55	32.14926163	-104.21938661
	23,900.00	90.23	359.77	8,871.22	5,707.22	14,801.55	14,791.65	-1,221.31	0.00	418,141.52	535,265.14	32.14953651	-104.21938757
	24,000.00	90.23	359.77	8,870.82	5,706.82	14,901.55	14,891.65	-1,221.71	0.00	418,241.51	535,264.74	32.14981138	-104.21938853
	24,100.00	90.23	359.77	8,870.43	5,706.43	15,001.55	14,991.65	-1,222.11	0.00	418,341.50	535,264.34	32.15008625	-104.21938949
	24,200.00	90.23	359.77	8,870.04	5,706.04	15,101.55	15,091.64	-1,222.51	0.00	418,441.49	535,263.94	32.15036113	-104.21939045
	24,300.00	90.23	359.77	8,869.64	5,705.64	15,201.55	15,191.64	-1,222.92	0.00	418,541.47	535,263.54	32.15063600	-104.21939140
LTP Cross	24,382.45	90.23	359.77	8,869.32	5,705.32	15,283.99	15,274.09	-1,223.25	0.00	418,623.92	535,263.20	32.15086263	-104.21939219
	24,400.00	90.23	359.77	8,869.25	5,705.25	15,301.54	15,291.64	-1,223.32	0.00	418,641.46	535,263.13	32.15091088	-104.21939236
Grey Goose 20 8 Fed Com No. 4	24,462.80	90.23	359.77	8,869.00	5,705.00	15,364.35	15,354.44	-1,223.57	0.00	418,704.26	535,262.88	32.15108350	-104.21939296

Survey Type: Non-Def Plan

Survey Error Model: WPTS Rev 0.

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
	1	0.000	409.000	1/100.000	17.5	13.375		B001Mb_MWD+HRGM		Grey Goose 20 8 Fed Com No. 446H / Grey Goos
	1	409.000	2,339.000	1/100.000	17.5 – 12.25	13.375 – 9.625		B001Mb_MWD+HRGM		Grey Goose 20 8 Fed Com No. 446H / Grey Goos
	1	2,339.000	8,761.000	1/100.000	12.25 – 8.75	9.625 – 7		B001Mb_MWD+HRGM		Grey Goose 20 8 Fed Com No. 446H / Grey Goos
	1	8,761.000	24,673.398	1/100.000	8.75 – 6.125	7 – 6.125		B001Mb_MWD+HRGM		Grey Goose 20 8 Fed Com No. 446H / Grey Goos

EOU Geometry:

End MD (ft)	Hole Size (in)	Casing Size (in)	Name
409.500	17.500	13.375	
2,339.500	12.250	9.625	
8,761.500	8.750	7.000	
24,462.803	6.125		

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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 470844

CONDITIONS

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 470844
	Action Type: [C-103A] NOI Change of Plans (C-103A)

CONDITIONS

Created By	Condition	Condition Date
ward.rikala	Work was performed without OCD approval.	11/4/2026