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 Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

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

Form C-101
August 1, 2011

Permit 347009

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

1. Operator Name and Address	2. OGRID Number
CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	4323
	3. API Number 30-015-54068

4. Property Code	5. Property Name	6. Well No.
334061	KESSLER 25 36 STATE COM	639H

7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
J	24	26S	27E		1503	S	2032	W	Eddy

8. Proposed Bottom Hole Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
F	36	26S	27E	3	25	S	2180	W	Eddy

9. Pool Information

PURPLE SAGE;WOLFCAMP (GAS)	98220

Additional Well Information

11. Work Type	12. Well Type	13. Cable/Rotary	14. Lease Type	15. Ground Level Elevation
New Well	GAS		State	3056
16. Multiple	**17. Proposed Depth**	**18. Formation**	**19. Contractor**	**20. Spud Date**
N	17462	Wolfcamp		10/8/2023
Depth to Ground water		Distance from nearest fresh water well		Distance to nearest surface water

☒ **We will be using a closed-loop system in lieu of lined pits**

21. Proposed Casing and Cement Program

Type	Hole Size	Casing Size	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surf	12.25	9.625	40	2193	355	0
Int1	8.75	7	29	9465	460	0
Prod	6.125	5	18	9915	445	9315
Prod	6.125	4.5	11.6	17462	445	9315

Casing/Cement Program: Additional Comments

22. Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Annular	5000	3500	TBD
Blind	10000	5000	TBD
Pipe	10000	5000	TBD
Pipe	10000	5000	TBD

23. I hereby certify that the information given above is true and complete to the best of my knowledge and belief. **I further certify I have complied with 19.15.14.9 (A) NMAC ☒ and/or 19.15.14.9 (B) NMAC ☒, if applicable.** Signature:		**OIL CONSERVATION DIVISION**	
Printed Name:	Electronically filed by Cindy Herrera-Murillo	Approved By:	Ward Rikala
Title:	Sr. HES Regulatory Affairs Coordinator	Title:	
Email Address:	eeof@chevron.com	Approved Date: 8/16/2023	Expiration Date: 8/16/2025
Date: 8/9/2023	Phone: 575-263-0431	Conditions of Approval Attached	

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

Form C-102
August 1, 2011

Permit 347009

WELL LOCATION AND ACREAGE DEDICATION PLAT

1. API Number	2. Pool Code	3. Pool Name
30-015-54068	98220	PURPLE SAGE;WOLFCAMP (GAS)
4. Property Code	**5. Property Name**	**6. Well No.**
334061	KESSLER 25 36 STATE COM	639H
7. OGRID No.	**8. Operator Name**	**9. Elevation**
4323	CHEVRON U S A INC	3056

10. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
J	24	26S	27E		1503	S	2032	W	Eddy

11. Bottom Hole Location If Different From Surface

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County

12. Dedicated Acres	13. Joint or Infill	14. Consolidation Code	15. Order No.
448.31			

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

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(s) 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.

E-Signed By: Cindy Herrera-Murillo
Title: Sr. HES Regulatory Affairs Coordinator
Date: 8/9/2023

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.

Surveyed By: ROBERT LASTRAPES
Date of Survey: 5/6/2023
Certificate Number: 23006

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

Form APD Conditions

Permit 347009

PERMIT CONDITIONS OF APPROVAL

Operator Name and Address:	API Number:
CHEVRON U S A INC [4323] 6301 Deauville Blvd Midland, TX 79706	30-015-54068
	Well: KESSLER 25 36 STATE COM #639H

OCD Reviewer	Condition
ward.rikala	Notify OCD 24 hours prior to casing & cement
ward.rikala	Will require a File As Drilled C-102 and a Directional Survey with the C-104
ward.rikala	Once the well is spud, to prevent ground water contamination through whole or partial conduits from the surface, the operator shall drill without interruption through the fresh water zone or zones and shall immediately set in cement the water protection string
ward.rikala	Cement is required to circulate on both surface and intermediate1 strings of casing
ward.rikala	Oil base muds are not to be used until fresh water zones are cased and cemented providing isolation from the oil or diesel. This includes synthetic oils. Oil based mud, drilling fluids and solids must be contained in a steel closed loop system
ward.rikala	The Operator is to notify NMOCD by sundry (Form C-103) within ten (10) days of the well being spud

Intent ☐ As Drilled ☐

API #		
Operator Name:	Property Name:	Well Number

Kick Off Point (KOP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
Latitude					Longitude				NAD

First Take Point (FTP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
Latitude					Longitude				NAD

Last Take Point (LTP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
Latitude					Longitude				NAD

Is this well the defining well for the Horizontal Spacing Unit? ☐

Is this well an infill well? ☐

If infill is yes please provide API if available, Operator Name and well number for Defining well for Horizontal Spacing Unit.

API #		
Operator Name:	Property Name:	Well Number

KZ 06/29/2018

Tenaris

API BTC

Coupling	Pipe Body
Grade: **L80 Type 1**	Grade: **L80 Type 1**
Body: **Red**	1st Band: **Red**
1st Band: **Brown**	2nd Band: **Brown**
2nd Band: **-**	3rd Band: **-**
3rd Band: **-**	4th Band: **-**

Outside Diameter	9.625 in.	**Wall Thickness**	0.395 in.	**Grade**	L80 Type 1
Min. Wall Thickness	87.50 %	**Pipe Body Drift**	API Standard	**Type**	Casing
Connection OD Option	Regular				

Pipe Body Data

Geometry

Nominal OD	9.625 in.	**Drift**	8.679 in.
Wall Thickness	0.395 in.	**Plain End Weight**	38.97 lb/ft
Nominal Weight	40 lb/ft	**OD Tolerance**	API
Nominal ID	8.835 in.		

Performance

SMYS	80,000 psi
Min UTS	95,000 psi
Body Yield Strength	916 x1000 lb
Min. Internal Yield Pressure	5750 psi
Collapse Pressure	3090 psi
Max. Allowed Bending	38 °/100 ft

Connection Data

Geometry

Thread per In	5
Connection OD	10.625 in.
Hand Tight Stand Off	1 in.

Performance

Joint Strength	947 x1000 lb
Coupling Face Load	837 x1000 lb
Internal Pressure Capacity	5750 psi

Notes

For products according to API Standards 5CT & 5B; Performance calculated considering API Technical Report 5C3 (Sections 9 & 10) equations.
For geometrical and steel grades combinations not considered in the API Standards 5CT and/or 5B; Performance calculations indirectly derived from API Technical Report 5C3 (Sections 9 & 10) equations.
Couplings OD are shown according to current API 5CT 10th Edition.

Tenaris

TenarisHydril Blue® SD6.125

Coupling	Pipe Body
Grade: **P110**	Grade: **P110**
Body: **White**	1st Band: **White**
1st Band: **-**	2nd Band: **-**
2nd Band: **-**	3rd Band: **-**
3rd Band: **-**	4th Band: **-**
	5th Band: **-**
	6th Band: **-**

Outside Diameter	7.000 in.	**Wall Thickness**	0.408 in.	**Grade**	P110
Min. Wall Thickness	90.00 %	**Pipe Body Drift**	Special Drift	**Type**	Casing
Connection OD Option	REGULAR				

Pipe Body Data

Geometry				Performance	
Nominal OD	7.000 in.	**Wall Thickness**	0.408 in.	**Body Yield Strength**	929 x1000 lb
Nominal Weight	29 lb/ft	**Plain End Weight**	28.75 lb/ft	**Min. Internal Yield Pressure**	11,540 psi
Drift	6.125 in.	**OD Tolerance**	API	**SMYS**	110,000 psi
Nominal ID	6.184 in.			**Collapse Pressure**	8530 psi

Connection Data

Geometry		Performance		Make-Up Torques	
Connection OD	7.680 in.	**Tension Efficiency**	100 %	**Minimum**	9060 ft-lb
Coupling Length	10.550 in.	**Joint Yield Strength**	929 x1000 lb	**Optimum**	10,070 ft-lb
Connection ID	6.190 in.	**Internal Pressure Capacity**	11,540 psi	**Maximum**	11,080 ft-lb
Make-up Loss	4.480 in.	**Compression Efficiency**	89.30 %		
Threads per inch	4	**Compression Strength**	830 x1000 lb	**Shoulder Torques**	
Connection OD Option	Regular	**Max. Allowable Bending**	64.30 °/100 ft	**Minimum**	1510 ft-lb
		External Pressure Capacity	8530 psi	**Maximum**	8560 ft-lb
		Coupling Face Load	433,000 lb	**Operation Limit Torques**	
				Operating Torque	25,220 ft-lb
				Yield Torque	31,520 ft-lb

Notes

This connection is fully interchangeable with:
Blue® - 7 in. - 0.317 / 0.343 / 0.362 / 0.453 / 0.498 / 0.54 / 0.59 / 0.64 in.
Connections with Dopeless® Technology are fully compatible with the same connection in its Standard version

For the lastest performance data, always visit our website: www.tenaris.com
For further information on concepts indicated in this datasheet, download the Datasheet Manual from www.tenaris.com

Tenaris

Wedge 513®

Coupling	Pipe Body
Grade: **P110**	Grade: **P110**
Body: **White**	1st Band: **White**
1st Band: **-**	2nd Band: **-**
2nd Band: **-**	3rd Band: **-**
3rd Band: **-**	4th Band: **-**
	5th Band: **-**
	6th Band: **-**

Outside Diameter	5.000 in.	**Wall Thickness**	0.362 in.	**Grade**	P110
Min. Wall Thickness	87.50 %	**Pipe Body Drift**	API Standard	**Type**	Casing
Connection OD Option	REGULAR				

Pipe Body Data

Geometry				Performance	
Nominal OD	5.000 in.	**Wall Thickness**	0.362 in.	**Body Yield Strength**	580 x1000 lb
Nominal Weight	18 lb/ft	**Plain End Weight**	17.95 lb/ft	**Min. Internal Yield Pressure**	13,940 psi
Drift	4.151 in.	**OD Tolerance**	API	**SMYS**	110,000 psi
Nominal ID	4.276 in.			**Collapse Pressure**	13,470 psi

Connection Data

Geometry		Performance		Make-Up Torques	
Connection OD	5 in.	**Tension Efficiency**	63.70 %	**Minimum**	6500 ft-lb
Connection ID	4.194 in.	**Joint Yield Strength**	369 x1000 lb	**Optimum**	7800 ft-lb
Make-up Loss	4.320 in.	**Internal Pressure Capacity**	13,940 psi	**Maximum**	11,400 ft-lb
Threads per inch	3.36	**Compression Efficiency**	73.70 %		
Connection OD Option	Regular	**Compression Strength**	427 x1000 lb	**Operation Limit Torques**	
		Max. Allowable Bending	64.34 °/100 ft	**Operating Torque**	19,300 ft-lb
		External Pressure Capacity	13,470 psi	**Yield Torque**	29,000 ft-lb

Notes

For the lastest performance data, always visit our website: www.tenaris.com
For further information on concepts indicated in this datasheet, download the Datasheet Manual from www.tenaris.com

Printed on: 11/10/2022

Tenaris

Wedge 521®

Coupling	Pipe Body
Grade: **P110**	Grade: **P110**
Body: **White**	1st Band: **White**
1st Band: **-**	2nd Band: **-**
2nd Band: **-**	3rd Band: **-**
3rd Band: **-**	4th Band: **-**
	5th Band: **-**
	6th Band: **-**

Outside Diameter	4.500 in.	**Wall Thickness**	0.250 in.	**Grade**	P110
Min. Wall Thickness	87.50 %	**Pipe Body Drift**	API Standard	**Type**	Casing
Connection OD Option	REGULAR				

Pipe Body Data

Geometry				Performance	
Nominal OD	4.500 in.	**Wall Thickness**	0.250 in.	**Body Yield Strength**	367 x1000 lb
Nominal Weight	11.60 lb/ft	**Plain End Weight**	11.36 lb/ft	**Min. Internal Yield Pressure**	10,690 psi
Drift	3.875 in.	**OD Tolerance**	API	**SMYS**	110,000 psi
Nominal ID	4 in.			**Collapse Pressure**	7580 psi

Connection Data

Geometry		Performance		Make-Up Torques	
Connection OD	4.695 in.	**Tension Efficiency**	64.20 %	**Minimum**	3600 ft-lb
Connection ID	3.960 in.	**Joint Yield Strength**	236 x1000 lb	**Optimum**	4300 ft-lb
Make-up Loss	3.620 in.	**Internal Pressure Capacity**	10,690 psi	**Maximum**	6300 ft-lb
Threads per inch	3.36	**Compression Efficiency**	84.80 %		
Connection OD Option	Regular	**Compression Strength**	311 x1000 lb	**Operation Limit Torques**	
		Max. Allowable Bending	71.90 °/100 ft	**Operating Torque**	14,000 ft-lb
		External Pressure Capacity	7580 psi	**Yield Torque**	21,000 ft-lb

Notes

This connection is fully interchangeable with:
Wedge 521® - 4.5 in. - 0.224 / 0.237 / 0.271 / 0.29 in.
Connections with Dopeless® Technology are fully compatible with the same connection in its Standard version

For the lastest performance data, always visit our website: www.tenaris.com
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H_2S Preparedness and Contingency Plan Summary

Training

MCBU Drilling and Completions H_2S training requirements are intended to define the minimum level of training required for employees, contractors and visitors to enter or perform work at MCBU Drilling and Completions locations that have known concentrations of H_2S.

Awareness Level

Employees and visitors to MCBU Drilling and Completions locations that have known concentrations of H_2S, who are not required to perform work in H_2S areas, will be provided with an awareness level of H_2S training prior to entering any H_2S areas. At a minimum, awareness level training will include:

1. Physical and chemical properties of H_2S
2. Health hazards of H_2S
3. Personal protective equipment
4. Information regarding potential sources of H_2S
5. Alarms and emergency evacuation procedures

Awareness level training will be developed and conducted by personnel who are qualified either by specific training, educational experience and/or work-related background.

Advanced Level H_2S Training

Employees and contractors required to work in areas that may contain H_2S will be provided with Advanced Level H_2S training prior to initial assignment. In addition to the Awareness Level requirements, Advanced Level H_2S training will include:

1. H_2S safe work practice procedures;
2. Emergency contingency plan procedures;
3. Methods to detect the presence or release of H_2S (e.g., alarms, monitoring equipment), including hands-on training with direct reading and personal monitoring H_2S equipment.
4. Basic overview of respiratory protective equipment suitable for use in H_2S environments. Note: Employees who work at sites that participate in the Chevron Respirator User program will require separate respirator training as required by the MCBU Respiratory Protection Program;
5. Basic overview of emergency rescue techniques, first aid, CPR and medical evaluation procedures. Employees who may be required to perform “standby” duties are required to receive additional first aid and CPR training, which is not covered in the Advanced Level H_2S training;
6. Proficiency examination covering all course material.

Advanced H_2S training courses will be instructed by personnel who have successfully completed an appropriate H_2S train-the-trainer development course (ANSI/ASSE Z390.1-2006) or who possess significant past experience through educational or work-related background.

H_2S Preparedness and Contingency Plan Summary

H_2S Training Certification

All employees and visitors will be issued an H_2S training certification card (or certificate) upon successful completion of the appropriate H_2S training course. Personnel working in an H_2S environment will carry a current H_2S training certification card as proof of having received the proper training on their person at all times.

Briefing Area

A minimum of two briefing areas will be established in locations that at least one area will be up-wind from the well at all times. Upon recognition of an emergency situation, all personnel should assemble at the designated upwind briefing areas for instructions.

H_2S Equipment

Respiratory Protection

a) Six 30 minute SCBAs – 2 at each briefing area and 2 in the Safety Trailer.

b) Eight 5 minute EBAs – 5 in the dog house at the rig floor, 1 at the accumulator, 1 at the shale shakers and 1 at the mud pits.

Visual Warning System

a) One color code sign, displaying all possible conditions, will be placed at the entrance to the location with a flag displaying the current condition.

b) Two windsocks will be on location, one on the dog house and one on the Drill Site Manager's Trailer.

H_2S Detection and Monitoring System

a) H_2S monitoring system (sensor head, warning light and siren) placed throughout rig.

- Drilling Rig Locations: at a minimum, in the area of the Shale shaker, rig floor, and bell nipple.
- Workover Rig Locations: at a minimum, in the area of the Cellar, rig floor and circulating tanks or shale shaker.

H_2S Preparedness and Contingency Plan Summary

Well Control Equipment

a) Flare Line 150’ from wellhead with igniter.

b) Choke manifold with a remotely operated choke.

c) Mud / gas separator

Mud Program

In the event of drilling, completions, workover and well servicing operations involving a hydrogen sulfide concentration of 100 ppm or greater the following shall be considered:

1. Use of a degasser
2. Use of a zinc based mud treatment
3. Increasing mud weight

Public Safety - Emergency Assistance

Agency	Telephone Number
Lea County Sheriff’s Department	575-396-3611
Fire Department:	
Carlsbad	575-885-3125
Artesia	575-746-5050
Lea County Regional Medical Center	575-492-5000
Jal Community Hospital	505-395-2511
Lea County Emergency Management	575-396-8602
Poison Control Center	800-222-1222

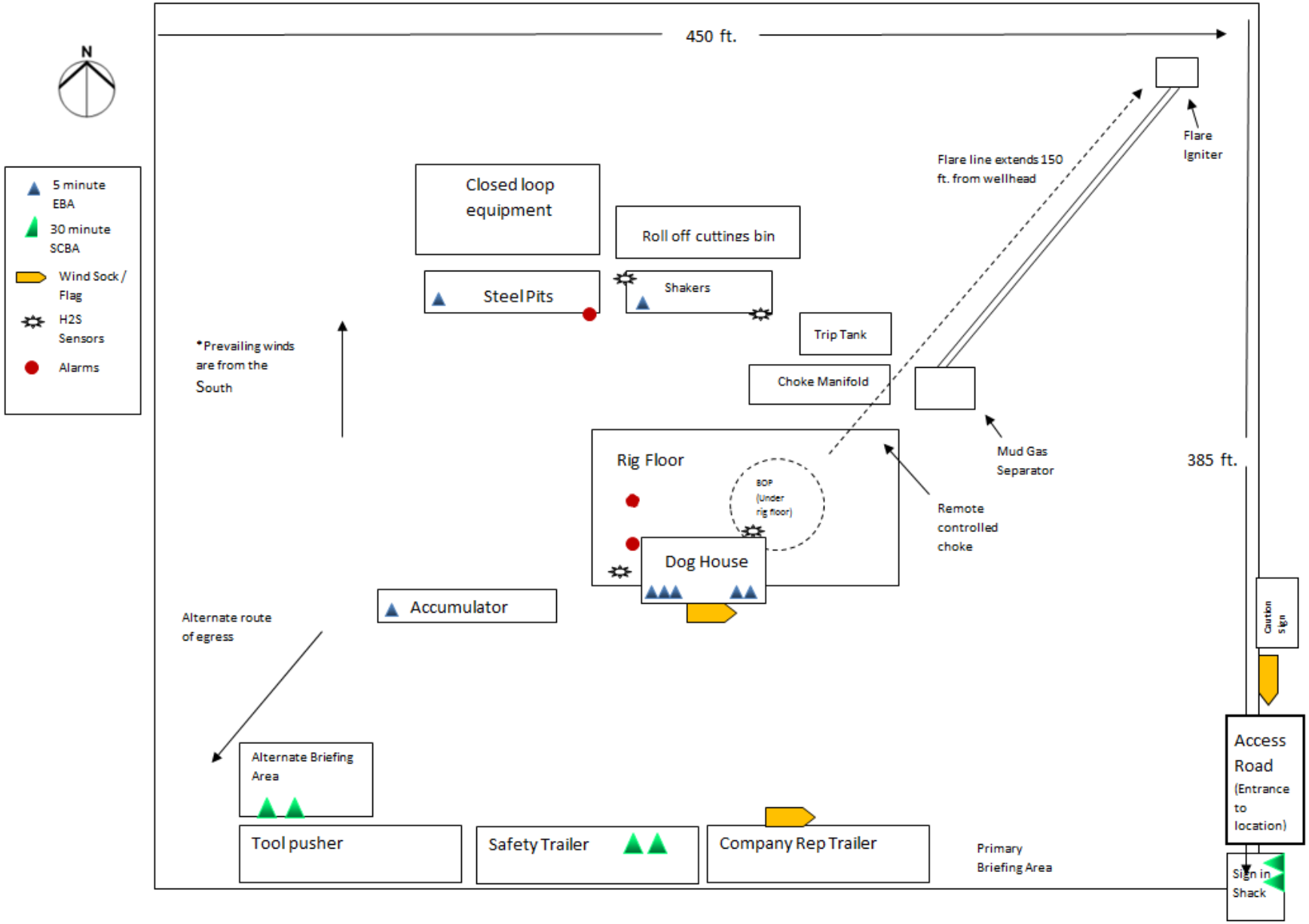
H_2S Preparedness and Contingency Plan Summary

Chevron MCBU D&C Emergency Notifications

Below are lists of contacts to be used in emergency situations.

	Name	Title	Office Number	Cell Phone
1.	**TBD**	Drilling Engineer		
2.	Sergio Hernandez	Superintendent	713 372 1402	
5.	Dennis Mchugh	Drilling Manager	(713) 372-4496	
6.	Kyle Eastman	Operations Manager	713-372-5863	
7.	TBD	D&C HES		
8.	TBD	Completion Engineer		

H_2S Preparedness and Contingency Plan Summary



Kessler 25 36 State Com No. 639H R0 mdv 07Jun23 Proposal Geodetic Report

Def Plan

Report Date:	June 12, 2023 - 09:30 PM (UTC 0)	**Survey / DLS Computation:**	Minimum Curvature / Lubinski
Client:	Chevron	**Vertical Section Azimuth:**	179.870 °(GRID North)
Field:	NM, Eddy County (NAD 27 EZ)	**Vertical Section Origin:**	0.000 ft, 0.000 ft
Structure / Slot:	Chevron NMM Pad 30 (Kessler-Jim Beam) / Kessler 25 36 State Com No. 639H	**TVD Reference Datum:**	RKB
Well:	Kessler 25 36 State Com No. 639H	**TVD Reference Elevation:**	3084.000 ft above MSL
Borehole:	Kessler 25 36 State Com No. 639H	**Seabed / Ground Elevation:**	3056.000 ft above MSL
UBHI / API#:	Unknown / Unknown	**Magnetic Declination:**	6.676°
Survey Name:	Kessler 25 36 State Com No. 639H R0 mdv 07Jun23	**Total Gravity Field Strength:**	998.4446mgn (9.80665 Based)
Survey Date:	June 09, 2023	**Gravity Model:**	GARM
Tort / AHD / DDI / ERD Ratio:	120.384 ° / 9329.025 ft / 6.300 / 0.948	**Total Magnetic Field Strength:**	47361.371 nT
Coordinate Reference System:	NAD27 New Mexico State Plane, Eastern Zone, US Feet	**Magnetic Dip Angle:**	59.52°
Location Lat / Long:	32°1'28.08575"N , 104°8'28.42360"W	**Declination Date:**	June 09, 2023
Location Grid N/E Y/X:	N 372680.800 ftUS , E 559535.620 ftUS	**Magnetic Declination Model:**	HDGM 2023
CRS Grid Convergence Angle:	0.1019°	**North Reference:**	Grid North
Grid Scale Factor:	0.99991315	**Grid Convergence Used:**	0.1019°
Version / Patch:	2023.1.0.1	**Total Corr Mag North->Grid North:**	6.5737°
		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	220.71	0.00	-3,084.00	0.00	0.00	0.00		372,680.80	559,535.62	32°1'28.085749"N	104°8'28.423597"W
Salado (SLDO)	28.00	0.00	220.71	28.00	-3,056.00	0.00	0.00	0.00	0.00	372,680.80	559,535.62	32°1'28.085749"N	104°8'28.423597"W
	100.00	0.00	220.71	100.00	-2,984.00	0.00	0.00	0.00	0.00	372,680.80	559,535.62	32°1'28.085749"N	104°8'28.423597"W
	200.00	0.00	220.71	200.00	-2,884.00	0.00	0.00	0.00	0.00	372,680.80	559,535.62	32°1'28.085749"N	104°8'28.423597"W
	300.00	0.00	220.71	300.00	-2,784.00	0.00	0.00	0.00	0.00	372,680.80	559,535.62	32°1'28.085749"N	104°8'28.423597"W
	400.00	0.00	220.71	400.00	-2,684.00	0.00	0.00	0.00	0.00	372,680.80	559,535.62	32°1'28.085749"N	104°8'28.423597"W
Castile (CSTL)	476.35	0.00	220.71	476.35	-2,607.65	0.00	0.00	0.00	0.00	372,680.80	559,535.62	32°1'28.085749"N	104°8'28.423597"W
	500.00	0.00	220.71	500.00	-2,584.00	0.00	0.00	0.00	0.00	372,680.80	559,535.62	32°1'28.085749"N	104°8'28.423597"W
	600.00	0.00	220.71	600.00	-2,484.00	0.00	0.00	0.00	0.00	372,680.80	559,535.62	32°1'28.085749"N	104°8'28.423597"W
	700.00	0.00	220.71	700.00	-2,384.00	0.00	0.00	0.00	0.00	372,680.80	559,535.62	32°1'28.085749"N	104°8'28.423597"W
Build 1.5°/100ft	800.00	0.00	220.71	800.00	-2,284.00	0.00	0.00	0.00	0.00	372,680.80	559,535.62	32°1'28.085749"N	104°8'28.423597"W
	900.00	1.50	220.71	899.99	-2,184.01	0.99	-0.99	-0.85	1.50	372,679.81	559,534.77	32°1'28.075946"N	104°8'28.433534"W
	1,000.00	3.00	220.71	999.91	-2,084.09	3.96	-3.97	-3.41	1.50	372,676.83	559,532.21	32°1'28.046543"N	104°8'28.463338"W
	1,100.00	4.50	220.71	1,099.69	-1,984.31	8.91	-8.93	-7.68	1.50	372,671.88	559,527.94	32°1'27.997560"N	104°8'28.512988"W
	1,200.00	6.00	220.71	1,199.27	-1,884.73	15.83	-15.86	-13.65	1.50	372,664.94	559,521.97	32°1'27.929031"N	104°8'28.582450"W
	1,300.00	7.50	220.71	1,298.57	-1,785.43	24.72	-24.77	-21.31	1.50	372,656.03	559,514.31	32°1'27.841003"N	104°8'28.671676"W
	1,400.00	9.00	220.71	1,397.54	-1,686.46	35.58	-35.65	-30.67	1.50	372,645.16	559,504.95	32°1'27.733536"N	104°8'28.780606"W
	1,500.00	10.50	220.71	1,496.09	-1,587.91	48.39	-48.48	-41.72	1.50	372,632.32	559,493.90	32°1'27.606704"N	104°8'28.909165"W
	1,600.00	12.00	220.71	1,594.16	-1,489.84	63.15	-63.27	-54.44	1.50	372,617.53	559,481.18	32°1'27.460594"N	104°8'29.057264"W
	1,700.00	13.50	220.71	1,691.70	-1,392.30	79.84	-80.00	-68.84	1.50	372,600.81	559,466.79	32°1'27.295305"N	104°8'29.224803"W
Hold	1,800.00	15.00	220.71	1,788.62	-1,295.38	98.46	-98.66	-84.89	1.50	372,582.15	559,450.74	32°1'27.110952"N	104°8'29.411665"W
	1,900.00	15.00	220.71	1,885.21	-1,198.79	118.04	-118.28	-101.77	0.00	372,562.53	559,433.86	32°1'26.917107"N	104°8'29.608148"W
	2,000.00	15.00	220.71	1,981.80	-1,102.20	137.63	-137.89	-118.66	0.00	372,542.92	559,416.98	32°1'26.723262"N	104°8'29.804631"W
	2,100.00	15.00	220.71	2,078.39	-1,005.61	157.21	-157.51	-135.54	0.00	372,523.30	559,400.10	32°1'26.529417"N	104°8'30.001114"W
	2,200.00	15.00	220.71	2,174.99	-909.01	176.79	-177.13	-152.42	0.00	372,503.68	559,383.22	32°1'26.335572"N	104°8'30.197596"W
Lamar (LMAR)	2,208.70	15.00	220.71	2,183.39	-900.61	178.49	-178.84	-153.89	0.00	372,501.98	559,381.75	32°1'26.318707"N	104°8'30.214690"W
Bell Canyon (BLCN)	2,229.69	15.00	220.71	2,203.66	-880.34	182.60	-182.96	-157.43	0.00	372,497.86	559,378.20	32°1'26.278028"N	104°8'30.255922"W
	2,300.00	15.00	220.71	2,271.58	-812.42	196.37	-196.75	-169.30	0.00	372,484.07	559,366.34	32°1'26.141726"N	104°8'30.394078"W
	2,400.00	15.00	220.71	2,368.17	-715.83	215.95	-216.37	-186.18	0.00	372,464.45	559,349.46	32°1'25.947881"N	104°8'30.590560"W
	2,500.00	15.00	220.71	2,464.76	-619.24	235.53	-235.99	-203.06	0.00	372,444.83	559,332.58	32°1'25.754036"N	104°8'30.787041"W
	2,600.00	15.00	220.71	2,561.36	-522.64	255.11	-255.61	-219.94	0.00	372,425.22	559,315.70	32°1'25.560190"N	104°8'30.983523"W
	2,700.00	15.00	220.71	2,657.95	-426.05	274.69	-275.23	-236.83	0.00	372,405.60	559,298.82	32°1'25.366344"N	104°8'31.180004"W
	2,800.00	15.00	220.71	2,754.54	-329.46	294.27	-294.84	-253.71	0.00	372,385.98	559,281.94	32°1'25.172499"N	104°8'31.376485"W
	2,900.00	15.00	220.71	2,851.13	-232.87	313.85	-314.46	-270.59	0.00	372,366.37	559,265.06	32°1'24.978653"N	104°8'31.572965"W
	3,000.00	15.00	220.71	2,947.73	-136.27	333.43	-334.08	-287.47	0.00	372,346.75	559,248.18	32°1'24.784807"N	104°8'31.769446"W
	3,100.00	15.00	220.71	3,044.32	-39.68	353.01	-353.70	-304.35	0.00	372,327.13	559,231.30	32°1'24.590961"N	104°8'31.965926"W
Cherry Canyon (CRCN)	3,124.94	15.00	220.71	3,068.41	-15.59	357.89	-358.59	-308.56	0.00	372,322.24	559,227.09	32°1'24.542615"N	104°8'32.014929"W
	3,200.00	15.00	220.71	3,140.91	56.91	372.59	-373.32	-321.23	0.00	372,307.51	559,214.42	32°1'24.397115"N	104°8'32.162406"W
	3,300.00	15.00	220.71	3,237.50	153.50	392.17	-392.94	-338.11	0.00	372,287.90	559,197.54	32°1'24.203269"N	104°8'32.358885"W
	3,400.00	15.00	220.71	3,334.10	250.10	411.75	-412.56	-354.99	0.00	372,268.28	559,180.66	32°1'24.009423"N	104°8'32.555365"W
	3,500.00	15.00	220.71	3,430.69	346.69	431.33	-432.17	-371.88	0.00	372,248.66	559,163.78	32°1'23.815576"N	104°8'32.751844"W
	3,600.00	15.00	220.71	3,527.28	443.28	450.91	-451.79	-388.76	0.00	372,229.05	559,146.90	32°1'23.621730"N	104°8'32.948323"W
	3,700.00	15.00	220.71	3,623.87	539.87	470.49	-471.41	-405.64	0.00	372,209.43	559,130.02	32°1'23.427884"N	104°8'33.144802"W
	3,800.00	15.00	220.71	3,720.47	636.47	490.07	-491.03	-422.52	0.00	372,189.81	559,113.14	32°1'23.234037"N	104°8'33.341281"W
	3,900.00	15.00	220.71	3,817.06	733.06	509.65	-510.65	-439.40	0.00	372,170.20	559,096.26	32°1'23.040190"N	104°8'33.537759"W
	4,000.00	15.00	220.71	3,913.65	829.65	529.23	-530.27	-456.28	0.00	372,150.58	559,079.38	32°1'22.846344"N	104°8'33.734237"W
	4,100.00	15.00	220.71	4,010.25	926.25	548.81	-549.89	-473.16	0.00	372,130.96	559,062.50	32°1'22.652497"N	104°8'33.930715"W
	4,200.00	15.00	220.71	4,106.84	1,022.84	568.39	-569.50	-490.05	0.00	372,111.35	559,045.62	32°1'22.458650"N	104°8'34.127193"W
	4,300.00	15.00	220.71	4,203.43	1,119.43	587.97	-589.12	-506.93	0.00	372,091.73	559,028.74	32°1'22.264803"N	104°8'34.323670"W
	4,400.00	15.00	220.71	4,300.02	1,216.02	607.55	-608.74	-523.81	0.00	372,072.11	559,011.86	32°1'22.070956"N	104°8'34.520147"W
Brushy Canyon (BCN)	4,420.91	15.00	220.71	4,320.22	1,236.22	611.65	-612.84	-527.34	0.00	372,068.01	559,008.33	32°1'22.030423"N	104°8'34.561229"W
	4,500.00	15.00	220.71	4,396.62	1,312.62	627.13	-628.36	-540.69	0.00	372,052.50	558,994.98	32°1'21.877109"N	104°8'34.716624"W
	4,600.00	15.00	220.71	4,493.21	1,409.21	646.71	-647.98	-557.57	0.00	372,032.88	558,978.10	32°1'21.683261"N	104°8'34.913101"W
	4,700.00	15.00	220.71	4,589.80	1,505.80	666.29	-667.60	-574.45	0.00	372,013.26	558,961.22	32°1'21.489414"N	104°8'35.109577"W
	4,800.00	15.00	220.71	4,686.39	1,602.39	685.87	-687.22	-591.33	0.00	371,993.64	558,944.34	32°1'21.295566"N	104°8'35.306054"W
	4,900.00	15.00	220.71	4,782.99	1,698.99	705.45	-706.84	-608.22	0.00	371,974.03	558,927.46	32°1'21.101719"N	104°8'35.502530"W
	5,000.00	15.00	220.71	4,879.58	1,795.58	725.03	-726.45	-625.10	0.00	371,954.41	558,910.58	32°1'20.907871"N	104°8'35.699005"W
	5,100.00	15.00	220.71	4,976.17	1,892.17	744.61	-746.07	-641.98	0.00	371,934.79	558,893.70	32°1'20.714024"N	104°8'35.895481"W
	5,200.00	15.00	220.71	5,072.76	1,988.76	764.19	-765.69	-658.86	0.00	371,915.18	558,876.82	32°1'20.520176"N	104°8'36.091956"W
	5,300.00	15.00	220.71	5,169.36	2,085.36	783.77	-785.31	-675.74	0.00	371,895.56	558,859.94	32°1'20.326328"N	104°8'36.288432"W
	5,400.00	15.00	220.71	5,265.95	2,181.95	803.35	-804.93	-692.62	0.00	371,875.94	558,843.06	32°1'20.132480"N	104°8'36.484906"W
	5,500.00	15.00	220.71	5,362.54	2,278.54	822.94	-824.55	-709.50	0.00	371,856.33	558,826.18	32°1'19.938632"N	104°8'36.681381"W
	5,600.00	15.00	220.71	5,459.13	2,375.13	842.52	-844.17	-726.39	0.00	371,836.71	558,809.30	32°1'19.744784"N	104°8'36.877856"W
	5,700.00	15.00	220.71	5,555.73	2,471.73	862.10	-863.78	-743.27	0.00	371,817.09	558,792.42	32°1'19.550936"N	104°8'37.074330"W
	5,800.00	15.00	220.71	5,652.32	2,568.32	881.68	-883.40	-760.15	0.00	371,797.48	558,775.54	32°1'19.357087"N	104°8'37.270804"W
	5,900.00	15.00	220.71	5,748.91	2,664.91	901.26	-903.02	-777.03	0.00	371,777.86	558,758.66	32°1'19.163239"N	104°8'37.467277"W
	6,000.00	15.00	220.71	5,845.50	2,761.50	920.84	-922.64	-793.91	0.00	371,758.24	558,741.78	32°1'18.969390"N	104°8'37.663751"W
Bone Spring Lime (BSGL)	6,042.27	15.00	220.71	5,886.33	2,802.33	929.11	-930.93	-801.05	0.00	371,749.95	558,734.64	32°1'18.887459"N	104°8'37.746792"W
	6,100.00	15.00	220.71	5,942.10	2,858.10	940.42	-942.26	-810.79	0.00	371,738.62	558,724.90	32°1'18.775542"N	104°8'37.860224"W
Avalon Upper (AVU)	6,190.40	15.00	220.71	6,029.42	2,945.42	958.12	-959.99	-826.05	0.00	371,720.89	558,709.64	32°1'18.600296"N	104°8'38.037843"W
	6,200.00	15.00	220.71	6,038.69	2,954.69	960.00	-961.88	-827.67	0.00	371,719.01	558,708.02	32°1'18.581693"N	104°8'38.056697"W
	6,300.00	15.00	220.71	6,135.28	3,051.28	979.58	-981.50	-844.56	0.00	371,699.39	558,691.14	32°1'18.387844"N	104°8'38.253170"W
	6,400.00	15.00	220.71	6,231.87	3,147.87	999.16	-1,001.11	-861.44	0.00	371,679.77	558,674.26	32°1'18.193996"N	104°8'38.449643"W
	6,500.00	15.00	220.71	6,328.47	3,244.47	1,018.74	-1,020.73	-878.32	0.00	371,660.16	558,657.38	32°1'18.000147"N	104°8'38.646115"W
Avalon Lower (AVL)	6,517.49	15.00	220.71	6,345.36	3,261.36	1,022.16	-1,024.16	-881.27	0.00	371,656.73	558,654.43	32°1'17.966245"N	104°8'38.680475"W
	6,600.00	15.00	220.71	6,425.06	3,341.06	1,038.32	-1,040.35	-895.20	0.00	371,640.54	558,640.50	32°1'17.806298"N	104°8'38.842587"W
	6,700.00	15.00	220.71	6,521.65	3,437.65	1,057.90	-1,059.97	-912.08	0.00	371,620.92	558,623.62	32°1'17.612449"N	104°8'39.039059"W
Drop .75°/100ft	6,700.37	15.00	220.71	6,522.01	3,438.01	1,057.97	-1,060.04	-912.14	0.00	371,620.85	558,623.56	32°1'17.611727"N	104°8'39.039791"W
	6,800.00	14.25	220.71	6,618.41	3,534.41	1,077.00	-1,079.11	-928.55	0.75	371,601.78	558,607.15	32°1'17.423305"N	104°8'39.230762"W
	6,900.00	13.50	220.71	6,715.49	3,631.49	1,095.15	-1,097.29	-944.20	0.75	371,583.60	558,591.51	32°1'17.243663"N	104°8'39.412834"W
First Bone Spring Upper (FBU)	6,962.62	13.03	220.71	6,776.44	3,692.44	1,106.02	-1,108.19	-953.57	0.75	371,572.71	558,582.13	32°1'17.136021"N	104°8'39.521931"W
	7,000.00	12.75	220.71	6,812.88	3,728.88	1,112.33	-1,114.51	-959.01	0.75	371,566.39	558,576.69	32°1'17.073553"N	104°8'39.585244"W
	7,100.00	12.00	220.71	6,910.55	3,826.55	1,128.55	-1,130.76	-972.99	0.75	371,550.14	558,562.71	32°1'16.913006"N	104°8'39.747962"W
First Bone Spring Lower (FBL)	7,148.29	11.64	220.71	6,957.82	3,873.82	1,136.03	-1,138.26	-979.45	0.75	371,542.64	558,556.26	32°1'16.838906"N	104°8'39.823065"W
	7,200.00	11.25	220.71	7,008.50	3,924.50	1,143.80	-1,146.04	-986.14	0.75	371,534.87	558,549.57	32°1'16.762049"N	104°8'39.900961"W
	7,300.00	10.50	220.71	7,106.70	4,022.70	1,158.07	-1,160.34	-998.45	0.75	371,520.56	558,537.26	32°1'16.620707"N	104°8'40.044214"W
	7,400.00	9.75	220.71	7,205.14	4,121.14	1,171.38	-1,173.67	-1,009.92	0.75	371,507.23	558,525.79	32°1'16.489004"N	104°8'40.177697"W
Second Bone Spring Upper (SBU	7,488.62	9.09	220.71	7,292.57	4,208.57	1,182.35	-1,184.67	-1,019.38	0.75	371,496.24	558,516.33	32°1'16.380360"N	104°8'40.287810"W
	7,500.00	9.00	220.71	7,303.80	4,219.80	1,183.70	-1,186.02	-1,020.54	0.75	371,494.88	558,515.17	32°1'16.366964"N	104°8'40.301387"W
	7,600.00	8.25	220.71	7,402.67	4,318.67	1,195.05	-1,197.39	-1,030.33	0.75	371,483.51	558,505.38	32°1'16.254607"N	104°8'40.415263"W
	7,700.00	7.50	220.71	7,501.73	4,417.73	1,205.42	-1,207.78	-1,039.27	0.75	371,473.13	558,496.44	32°1'16.151952"N	104°8'40.519306"W
	7,800.00	6.75	220.71	7,600.95	4,516.95	1,214.81	-1,217.19	-1,047.36	0.75	371,463.72	558,488.35	32°1'16.059018"N	104°8'40.613496"W
	7,900.00	6.00	220.71	7,700.34	4,616.34	1,223.21	-1,225.61	-1,054.61	0.75	371,455.30	558,481.11	32°1'15.975819"N	104°8'40.697820"W
Second Bone Spring Lower (SBL	7,901.61	5.99	220.71	7,701.94	4,617.94	1,223.34	-1,225.73	-1,054.72	0.75	371,455.17	558,481.00	32°1'15.974556"N	104°8'40.699099"W
	8,000.00	5.25	220.71	7,799.85	4,715.85	1,230.63	-1,233.04	-1,061.00	0.75	371,447.87	558,474.71	32°1'15.902370"N	104°8'40.772261"W
	8,100.00	4.50	220.71	7,899.49	4,815.49	1,237.06	-1,239.49	-1,066.55	0.75	371,441.42	558,469.17	32°1'15.838685"N	104°8'40.836807"W
	8,200.00	3.75	220.71	7,999.23	4,915.23	1,242.51	-1,244.94	-1,071.24	0.75	371,435.97	558,464.47	32°1'15.784773"N	104°8'40.891448"W
	8,300.00	3.00	220.71	8,099.05	5,015.05	1,246.97	-1,249.41	-1,075.09	0.75	371,431.50	558,460.63	32°1'15.740644"N	104°8'40.936173"W
	8,400.00	2.25	220.71	8,198.95	5,114.95	1,250.43	-1,252.88	-1,078.08	0.75	371,428.03	558,457.64	32°1'15.706305"N	104°8'40.970976"W
	8,500.00	1.50	220.71	8,298.89	5,214.89	1,252.91	-1,255.37	-1,080.22	0.75	371,425.54	558,455.50	32°1'15.681763"N	104°8'40.995850"W
Third Bone 1st Carbonate (TB1C	8,554.20	1.10	220.71	8,353.08	5,269.08	1,253.84	-1,256.30	-1,081.02	0.75	371,424.61	558,454.70	32°1'15.672556"N	104°8'41.005181"W
	8,600.00	0.75	220.71	8,398.87	5,314.87	1,254.40	-1,256.86	-1,081.50	0.75	371,424.05	558,454.22	32°1'15.667021"N	104°8'41.010791"W
	8,700.00	0.00	220.71	8,498.87	5,414.87	1,254.90	-1,257.36	-1,081.93	0.75	371,423.55	558,453.79	32°1'15.662083"N	104°8'41.015796"W
Hold Vertical	8,700.37	0.00	220.71	8,499.24	5,415.24	1,254.90	-1,257.36	-1,081.93	0.75	371,423.55	558,453.79	32°1'15.662083"N	104°8'41.015796"W
Third Bone Spring (TBS)	8,718.35	0.00	220.71	8,517.22	5,433.22	1,254.90	-1,257.36	-1,081.93	0.00	371,423.55	558,453.79	32°1'15.662083"N	104°8'41.015796"W
	8,800.00	0.00	220.71	8,598.87	5,514.87	1,254.90	-1,257.36	-1,081.93	0.00	371,423.55	558,453.79	32°1'15.662083"N	104°8'41.015796"W
	8,900.00	0.00	220.71	8,698.87	5,614.87	1,254.90	-1,257.36	-1,081.93	0.00	371,423.55	558,453.79	32°1'15.662083"N	104°8'41.015796"W
	9,000.00	0.00	220.71	8,798.87	5,714.87	1,254.90	-1,257.36	-1,081.93	0.00	371,423.55	558,453.79	32°1'15.662083"N	104°8'41.015796"W
Wolfcamp A (WCA)	9,064.46	0.00	220.71	8,863.33	5,779.33	1,254.90	-1,257.36	-1,081.93	0.00	371,423.55	558,453.79	32°1'15.662083"N	104°8'41.015796"W
	9,100.00	0.00	220.71	8,898.87	5,814.87	1,254.90	-1,257.36	-1,081.93	0.00	371,423.55	558,453.79	32°1'15.662083"N	104°8'41.015796"W
	9,200.00	0.00	220.71	8,998.87	5,914.87	1,254.90	-1,257.36	-1,081.93	0.00	371,423.55	558,453.79	32°1'15.662083"N	104°8'41.015796"W
	9,300.00	0.00	220.71	9,098.87	6,014.87	1,254.90	-1,257.36	-1,081.93	0.00	371,423.55	558,453.79	32°1'15.662083"N	104°8'41.015796"W
	9,400.00	0.00	220.71	9,198.87	6,114.87	1,254.90	-1,257.36	-1,081.93	0.00	371,423.55	558,453.79	32°1'15.662083"N	104°8'41.015796"W
Build 10°/100ft	9,464.62	0.00	220.71	9,263.49	6,179.49	1,254.90	-1,257.36	-1,081.93	0.00	371,423.55	558,453.79	32°1'15.662083"N	104°8'41.015796"W
Wolfcamp A2 (WCA2)	9,492.40	2.78	179.88	9,291.26	6,207.26	1,255.57	-1,258.03	-1,081.93	10.00	371,422.88	558,453.79	32°1'15.655421"N	104°8'41.015793"W
	9,500.00	3.54	179.88	9,298.85	6,214.85	1,255.99	-1,258.45	-1,081.93	10.00	371,422.46	558,453.79	32°1'15.651278"N	104°8'41.015791"W

Comments	MD (ft)	Incl (°)	Azim (°)	TVD (ft)	TVDSS (ft)	VSEC (ft)	NS (ft)	EW (ft)	DLS (°/100ft)	Northing (ftUS)	Easting (ftUS)	Latitude (° ' ")	Longitude (° ' ")
	9,600.00	13.54	179.88	9,397.62	6,313.62	1,270.82	-1,273.28	-1,081.90	10.00	371,407.64	558,453.82	32°1'15.504550"N	104°8'41.015730"W
	9,700.00	23.54	179.88	9,492.31	6,408.31	1,302.57	-1,305.03	-1,081.83	10.00	371,375.89	558,453.89	32°1'15.190332"N	104°8'41.015598"W
Wolfcamp B (WCB)	9,788.68	32.41	179.88	9,570.55	6,486.55	1,344.13	-1,346.58	-1,081.74	10.00	371,334.34	558,453.97	32°1'14.779128"N	104°8'41.015425"W
	9,800.00	33.54	179.88	9,580.05	6,496.05	1,350.29	-1,352.74	-1,081.73	10.00	371,328.18	558,453.99	32°1'14.718172"N	104°8'41.015399"W
	9,900.00	43.54	179.88	9,658.17	6,574.17	1,412.51	-1,414.97	-1,081.60	10.00	371,265.96	558,454.12	32°1'14.102417"N	104°8'41.015140"W
	10,000.00	53.54	179.88	9,724.29	6,640.29	1,487.35	-1,489.81	-1,081.44	10.00	371,191.12	558,454.28	32°1'13.361775"N	104°8'41.014828"W
	10,100.00	63.54	179.88	9,776.42	6,692.42	1,572.54	-1,575.00	-1,081.26	10.00	371,105.94	558,454.46	32°1'12.518751"N	104°8'41.014474"W
	10,200.00	73.54	179.88	9,812.96	6,728.96	1,665.49	-1,667.95	-1,081.07	10.00	371,013.00	558,454.65	32°1'11.598959"N	104°8'41.014086"W
	10,300.00	83.54	179.88	9,832.81	6,748.81	1,763.37	-1,765.83	-1,080.86	10.00	370,915.13	558,454.86	32°1'10.630346"N	104°8'41.013679"W
FTP Cross	10,368.00	90.34	179.88	9,836.44	6,752.44	1,831.24	-1,833.69	-1,080.72	10.00	370,847.27	558,455.00	32°1'9.958788"N	104°8'41.013396"W
Landing Point	10,368.27	90.36	179.88	9,836.44	6,752.44	1,831.51	-1,833.96	-1,080.72	10.00	370,847.00	558,455.00	32°1'9.956115"N	104°8'41.013395"W
	10,400.00	90.36	179.88	9,836.24	6,752.24	1,863.24	-1,865.69	-1,080.65	0.00	370,815.27	558,455.07	32°1'9.642129"N	104°8'41.013263"W
	10,500.00	90.36	179.88	9,835.60	6,751.60	1,963.23	-1,965.69	-1,080.44	0.00	370,715.28	558,455.28	32°1'8.652570"N	104°8'41.012847"W
	10,600.00	90.36	179.88	9,834.96	6,750.96	2,063.23	-2,065.69	-1,080.23	0.00	370,615.30	558,455.49	32°1'7.663012"N	104°8'41.012430"W
	10,700.00	90.36	179.88	9,834.33	6,750.33	2,163.23	-2,165.69	-1,080.02	0.00	370,515.31	558,455.70	32°1'6.673453"N	104°8'41.012014"W
	10,800.00	90.36	179.88	9,833.69	6,749.69	2,263.23	-2,265.68	-1,079.81	0.00	370,415.32	558,455.91	32°1'5.683894"N	104°8'41.011597"W
	10,900.00	90.36	179.88	9,833.05	6,749.05	2,363.23	-2,365.68	-1,079.60	0.00	370,315.33	558,456.12	32°1'4.694335"N	104°8'41.011181"W
	11,000.00	90.36	179.88	9,832.42	6,748.42	2,463.22	-2,465.68	-1,079.39	0.00	370,215.34	558,456.33	32°1'3.704776"N	104°8'41.010764"W
	11,100.00	90.36	179.88	9,831.78	6,747.78	2,563.22	-2,565.68	-1,079.18	0.00	370,115.35	558,456.54	32°1'2.715217"N	104°8'41.010348"W
	11,200.00	90.36	179.88	9,831.14	6,747.14	2,663.22	-2,665.67	-1,078.97	0.00	370,015.36	558,456.75	32°1'1.725657"N	104°8'41.009931"W
	11,300.00	90.36	179.88	9,830.51	6,746.51	2,763.22	-2,765.67	-1,078.76	0.00	369,915.37	558,456.96	32°1'0.736098"N	104°8'41.009515"W
	11,400.00	90.36	179.88	9,829.87	6,745.87	2,863.22	-2,865.67	-1,078.55	0.00	369,815.38	558,457.17	32°0'59.746539"N	104°8'41.009098"W
	11,500.00	90.36	179.88	9,829.23	6,745.23	2,963.21	-2,965.67	-1,078.34	0.00	369,715.40	558,457.38	32°0'58.756980"N	104°8'41.008682"W
	11,600.00	90.36	179.88	9,828.60	6,744.60	3,063.21	-3,065.67	-1,078.12	0.00	369,615.41	558,457.59	32°0'57.767420"N	104°8'41.008265"W
	11,700.00	90.36	179.88	9,827.96	6,743.96	3,163.21	-3,165.66	-1,077.91	0.00	369,515.42	558,457.80	32°0'56.777861"N	104°8'41.007849"W
	11,800.00	90.36	179.88	9,827.32	6,743.32	3,263.21	-3,265.66	-1,077.70	0.00	369,415.43	558,458.01	32°0'55.788302"N	104°8'41.007432"W
	11,900.00	90.36	179.88	9,826.69	6,742.69	3,363.21	-3,365.66	-1,077.49	0.00	369,315.44	558,458.22	32°0'54.798742"N	104°8'41.007016"W
	12,000.00	90.36	179.88	9,826.05	6,742.05	3,463.20	-3,465.66	-1,077.28	0.00	369,215.45	558,458.43	32°0'53.809183"N	104°8'41.006599"W
	12,100.00	90.36	179.88	9,825.41	6,741.41	3,563.20	-3,565.65	-1,077.07	0.00	369,115.46	558,458.64	32°0'52.819623"N	104°8'41.006182"W
	12,200.00	90.36	179.88	9,824.78	6,740.78	3,663.20	-3,665.65	-1,076.86	0.00	369,015.47	558,458.85	32°0'51.830064"N	104°8'41.005766"W
	12,300.00	90.36	179.88	9,824.14	6,740.14	3,763.20	-3,765.65	-1,076.65	0.00	368,915.49	558,459.06	32°0'50.840504"N	104°8'41.005349"W
	12,400.00	90.36	179.88	9,823.50	6,739.50	3,863.19	-3,865.65	-1,076.44	0.00	368,815.50	558,459.27	32°0'49.850944"N	104°8'41.004932"W
	12,500.00	90.36	179.88	9,822.87	6,738.87	3,963.19	-3,965.64	-1,076.23	0.00	368,715.51	558,459.48	32°0'48.861385"N	104°8'41.004516"W
	12,600.00	90.36	179.88	9,822.23	6,738.23	4,063.19	-4,065.64	-1,076.02	0.00	368,615.52	558,459.69	32°0'47.871825"N	104°8'41.004099"W
PPP2	12,697.56	90.36	179.88	9,821.61	6,737.61	4,160.75	-4,163.20	-1,075.82	0.00	368,517.97	558,459.90	32°0'46.906417"N	104°8'41.003692"W
Hold	12,697.96	90.36	179.87	9,821.61	6,737.61	4,161.15	-4,163.60	-1,075.81	2.00	368,517.57	558,459.90	32°0'46.902478"N	104°8'41.003690"W
	12,700.00	90.36	179.87	9,821.59	6,737.59	4,163.19	-4,165.64	-1,075.81	0.00	368,515.53	558,459.91	32°0'46.882265"N	104°8'41.003679"W
	12,800.00	90.36	179.87	9,820.96	6,736.96	4,263.19	-4,265.64	-1,075.59	0.00	368,415.54	558,460.13	32°0'45.892706"N	104°8'41.003101"W
	12,900.00	90.36	179.87	9,820.32	6,736.32	4,363.18	-4,365.64	-1,075.36	0.00	368,315.55	558,460.35	32°0'44.903146"N	104°8'41.002523"W
	13,000.00	90.36	179.87	9,819.69	6,735.69	4,463.18	-4,465.63	-1,075.14	0.00	368,215.56	558,460.58	32°0'43.913586"N	104°8'41.001945"W
	13,100.00	90.36	179.87	9,819.05	6,735.05	4,563.18	-4,565.63	-1,074.91	0.00	368,115.57	558,460.80	32°0'42.924026"N	104°8'41.001367"W
	13,200.00	90.36	179.87	9,818.41	6,734.41	4,663.18	-4,665.63	-1,074.69	0.00	368,015.59	558,461.03	32°0'41.934466"N	104°8'41.000788"W
	13,300.00	90.36	179.87	9,817.78	6,733.78	4,763.18	-4,765.63	-1,074.46	0.00	367,915.60	558,461.25	32°0'40.944906"N	104°8'41.000210"W
	13,400.00	90.36	179.87	9,817.14	6,733.14	4,863.17	-4,865.62	-1,074.24	0.00	367,815.61	558,461.48	32°0'39.955346"N	104°8'40.999632"W
	13,500.00	90.36	179.87	9,816.50	6,732.50	4,963.17	-4,965.62	-1,074.02	0.00	367,715.62	558,461.70	32°0'38.965786"N	104°8'40.999054"W
	13,600.00	90.36	179.87	9,815.87	6,731.87	5,063.17	-5,065.62	-1,073.79	0.00	367,615.63	558,461.92	32°0'37.976226"N	104°8'40.998476"W
	13,700.00	90.36	179.87	9,815.23	6,731.23	5,163.17	-5,165.62	-1,073.57	0.00	367,515.64	558,462.15	32°0'36.986665"N	104°8'40.997898"W
	13,800.00	90.36	179.87	9,814.60	6,730.60	5,263.17	-5,265.62	-1,073.34	0.00	367,415.65	558,462.37	32°0'35.997105"N	104°8'40.997320"W
	13,900.00	90.36	179.87	9,813.96	6,729.96	5,363.16	-5,365.61	-1,073.12	0.00	367,315.66	558,462.60	32°0'35.007545"N	104°8'40.996742"W
	14,000.00	90.36	179.87	9,813.32	6,729.32	5,463.16	-5,465.61	-1,072.89	0.00	367,215.67	558,462.82	32°0'34.017985"N	104°8'40.996164"W
	14,100.00	90.36	179.87	9,812.69	6,728.69	5,563.16	-5,565.61	-1,072.67	0.00	367,115.69	558,463.04	32°0'33.028424"N	104°8'40.995585"W
	14,200.00	90.36	179.87	9,812.05	6,728.05	5,663.16	-5,665.61	-1,072.45	0.00	367,015.70	558,463.27	32°0'32.038864"N	104°8'40.995007"W
	14,300.00	90.36	179.87	9,811.41	6,727.41	5,763.16	-5,765.60	-1,072.22	0.00	366,915.71	558,463.49	32°0'31.049303"N	104°8'40.994429"W
	14,400.00	90.36	179.87	9,810.78	6,726.78	5,863.15	-5,865.60	-1,072.00	0.00	366,815.72	558,463.72	32°0'30.059743"N	104°8'40.993851"W
	14,500.00	90.36	179.87	9,810.14	6,726.14	5,963.15	-5,965.60	-1,071.77	0.00	366,715.73	558,463.94	32°0'29.070182"N	104°8'40.993273"W
	14,600.00	90.36	179.87	9,809.51	6,725.51	6,063.15	-6,065.60	-1,071.55	0.00	366,615.74	558,464.17	32°0'28.080622"N	104°8'40.992694"W
	14,700.00	90.36	179.87	9,808.87	6,724.87	6,163.15	-6,165.59	-1,071.32	0.00	366,515.75	558,464.39	32°0'27.091061"N	104°8'40.992116"W
	14,800.00	90.36	179.87	9,808.23	6,724.23	6,263.15	-6,265.59	-1,071.10	0.00	366,415.76	558,464.61	32°0'26.101501"N	104°8'40.991538"W
	14,900.00	90.36	179.87	9,807.60	6,723.60	6,363.14	-6,365.59	-1,070.88	0.00	366,315.78	558,464.84	32°0'25.111940"N	104°8'40.990960"W
	15,000.00	90.36	179.87	9,806.96	6,722.96	6,463.14	-6,465.59	-1,070.65	0.00	366,215.79	558,465.06	32°0'24.122379"N	104°8'40.990381"W
	15,100.00	90.36	179.87	9,806.32	6,722.32	6,563.14	-6,565.59	-1,070.43	0.00	366,115.80	558,465.29	32°0'23.132818"N	104°8'40.989803"W
	15,200.00	90.36	179.87	9,805.69	6,721.69	6,663.14	-6,665.58	-1,070.20	0.00	366,015.81	558,465.51	32°0'22.143258"N	104°8'40.989225"W
	15,300.00	90.36	179.87	9,805.05	6,721.05	6,763.14	-6,765.58	-1,069.98	0.00	365,915.82	558,465.74	32°0'21.153697"N	104°8'40.988646"W
MP/PPP3, Turn 2°/100ft	15,355.30	90.36	179.87	9,804.70	6,720.70	6,818.43	-6,820.88	-1,069.86	0.00	365,860.53	558,465.86	32°0'20.606509"N	104°8'40.988327"W
Hold to TD	15,355.86	90.36	179.86	9,804.70	6,720.70	6,819.00	-6,821.44	-1,069.85	2.00	365,859.96	558,465.86	32°0'20.600916"N	104°8'40.988323"W
	15,400.00	90.36	179.86	9,804.42	6,720.42	6,863.13	-6,865.58	-1,069.75	0.00	365,815.83	558,465.97	32°0'20.164136"N	104°8'40.987966"W
	15,500.00	90.36	179.86	9,803.78	6,719.78	6,963.13	-6,965.58	-1,069.50	0.00	365,715.84	558,466.21	32°0'19.174575"N	104°8'40.987159"W
	15,600.00	90.36	179.86	9,803.14	6,719.14	7,063.13	-7,065.57	-1,069.26	0.00	365,615.85	558,466.46	32°0'18.185014"N	104°8'40.986351"W
	15,700.00	90.36	179.86	9,802.51	6,718.51	7,163.13	-7,165.57	-1,069.01	0.00	365,515.86	558,466.70	32°0'17.195453"N	104°8'40.985544"W
	15,800.00	90.36	179.86	9,801.87	6,717.87	7,263.13	-7,265.57	-1,068.77	0.00	365,415.88	558,466.94	32°0'16.205892"N	104°8'40.984737"W
	15,900.00	90.36	179.86	9,801.23	6,717.23	7,363.12	-7,365.57	-1,068.53	0.00	365,315.89	558,467.19	32°0'15.216331"N	104°8'40.983929"W
	16,000.00	90.36	179.86	9,800.60	6,716.60	7,463.12	-7,465.57	-1,068.28	0.00	365,215.90	558,467.43	32°0'14.226770"N	104°8'40.983122"W
	16,100.00	90.36	179.86	9,799.96	6,715.96	7,563.12	-7,565.56	-1,068.04	0.00	365,115.91	558,467.68	32°0'13.237209"N	104°8'40.982314"W
	16,200.00	90.36	179.86	9,799.32	6,715.32	7,663.12	-7,665.56	-1,067.79	0.00	365,015.92	558,467.92	32°0'12.247648"N	104°8'40.981507"W
	16,300.00	90.36	179.86	9,798.69	6,714.69	7,763.12	-7,765.56	-1,067.55	0.00	364,915.93	558,468.16	32°0'11.258087"N	104°8'40.980699"W
	16,400.00	90.36	179.86	9,798.05	6,714.05	7,863.11	-7,865.56	-1,067.31	0.00	364,815.94	558,468.41	32°0'10.268526"N	104°8'40.979892"W
	16,500.00	90.36	179.86	9,797.41	6,713.41	7,963.11	-7,965.55	-1,067.06	0.00	364,715.95	558,468.65	32°0'9.278964"N	104°8'40.979084"W
	16,600.00	90.36	179.86	9,796.78	6,712.78	8,063.11	-8,065.55	-1,066.82	0.00	364,615.97	558,468.90	32°0'8.289403"N	104°8'40.978276"W
	16,700.00	90.36	179.86	9,796.14	6,712.14	8,163.11	-8,165.55	-1,066.57	0.00	364,515.98	558,469.14	32°0'7.299842"N	104°8'40.977469"W
	16,800.00	90.36	179.86	9,795.50	6,711.50	8,263.11	-8,265.55	-1,066.33	0.00	364,415.99	558,469.38	32°0'6.310280"N	104°8'40.976661"W
	16,900.00	90.36	179.86	9,794.87	6,710.87	8,363.10	-8,365.54	-1,066.09	0.00	364,316.00	558,469.63	32°0'5.320719"N	104°8'40.975854"W
	17,000.00	90.36	179.86	9,794.23	6,710.23	8,463.10	-8,465.54	-1,065.84	0.00	364,216.01	558,469.87	32°0'4.331157"N	104°8'40.975046"W
	17,100.00	90.36	179.86	9,793.59	6,709.59	8,563.10	-8,565.54	-1,065.60	0.00	364,116.02	558,470.12	32°0'3.341596"N	104°8'40.974238"W
LTP Cross	17,157.40	90.36	179.86	9,793.23	6,709.23	8,620.50	-8,622.94	-1,065.46	0.00	364,058.63	558,470.26	32°0'2.773588"N	104°8'40.973775"W
	17,200.00	90.36	179.86	9,792.96	6,708.96	8,663.10	-8,665.54	-1,065.35	0.00	364,016.03	558,470.36	32°0'2.352034"N	104°8'40.973431"W
	17,300.00	90.36	179.86	9,792.32	6,708.32	8,763.10	-8,765.53	-1,065.11	0.00	363,916.04	558,470.60	32°0'1.362473"N	104°8'40.972623"W
	17,400.00	90.36	179.86	9,791.69	6,707.69	8,863.09	-8,865.53	-1,064.87	0.00	363,816.06	558,470.85	32°0'0.372911"N	104°8'40.971816"W
Kessler 25 36 State Com No. 63	17,462.06	90.36	179.86	9,791.29	6,707.29	8,925.15	-8,927.59	-1,064.71	0.00	363,754.00	558,471.00	31°59'59.758768"N	104°8'40.971314"W

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	Borehole / Survey
	1	0.000	17,462.062	1/100.000	25 – 8.75 – 6.125	13.625 – 7 – 6.125		B001Mb_MWD+HRGM	Kessler 25 36 State Com No. 639H / Kessler 25 36 State Com No. 639H R0 mdv 07Jun23

EOU Geometry:

End MD (ft)	Hole Size (in)	Casing Size (in)	Name
363.000	17.500	13.375	
2,239.355	12.250	9.625	
8,564.121	8.750	7.000	
17,462.062	6.125		

State of New Mexico
Energy, Minerals and Natural Resources Department

Submit Electronically
Via E-permitting

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

NATURAL GAS MANAGEMENT PLAN

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

Section 1 – Plan Description
Effective May 25, 2021

I. Operator: Chevron USA **OGRID:** 4323 **Date:** 06 / 13 / 23

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

If Other, please describe: _____

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

Well Name	API	ULSTR	Footages	Anticipated Oil BBL/D	Anticipated Gas MCF/D	Anticipated Produced Water BBL/D
JIM BEAM 25 36 STATE COM 540H	*Pending*	UL:J, Sec 24, T26S-R27E	1503' FSL, 1972' FEL	500 BBL/D	1100 MCF/D	1000 BBL/D
JIM BEAM 25 36 STATE COM 640H	*Pending*	UL:J, Sec 24, T26S-R27E	1503' FSL, 1992' FEL	350 BBL/D	3000 MCF/D	2700 BBL/D
JIM BEAM 25 36 STATE COM 539H	*Pending*	UL:J, Sec 24, T26S-R27E	1503' FSL, 2012' FEL	500 BBL/D	1100 MCF/D	1000 BBL/D
KESSLER 25 36 STATE COM 639H	*Pending*	UL:J, Sec 24, T26S-R27E	1503' FSL, 2032' FEL	350 BBL/D	3000 MCF/D	2700 BBL/D
KESSLER 25 36 STATE COM 538H	*Pending*	UL:J, Sec 24, T26S-R27E	1503' FSL, 2052' FEL	500 BBL/D	1100 MCF/D	1000 BBL/D
KESSLER 25 36 STATE COM 638H	*Pending*	UL:J, Sec 24, T26S-R27E	1503' FSL, 2072' FEL	350 BBL/D	3000 MCF/D	2700 BBL/D

IV. Central Delivery Point Name: Hayhurst NM CTB 25 [See 19.15.27.9(D)(1) NMAC]

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

Well Name	API	Spud Date	TD Reached Date	Completion Commencement Date	Initial Flow Back Date	First Production Date
JIM BEAM 25 36 STATE COM 540H	*Pending*	May 2025	N/A	N/A	N/A	N/A
JIM BEAM 25 36 STATE COM 640H	*Pending*	May 2025	N/A	N/A	N/A	N/A

JIM BEAM 25 36 STATE COM 539H	*Pending*	May 2025	N/A	N/A	N/A	N/A
KESSLER 25 36 STATE COM 639H	*Pending*	May 2025	N/A	N/A	N/A	N/A
KESSLER 25 36 STATE COM 538H	*Pending*	May 2025	N/A	N/A	N/A	N/A
KESSLER 25 36 STATE COM 638H	*Pending*	May 2025	N/A	N/A	N/A	N/A

VI. Separation Equipment: ☒ Attach a complete description of how Operator will size separation equipment to optimize gas capture.
VII. Operational Practices: ☒ Attach a complete description of the actions Operator will take to comply with the requirements of Subsection A through F of 19.15.27.8 NMAC.
VIII. Best Management Practices: ☒ Attach a complete description of Operator's best management practices to minimize venting during active and planned maintenance.

Section 2 – Enhanced Plan
EFFECTIVE APRIL 1, 2022

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

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

IX. Anticipated Natural Gas Production:

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

X. Natural Gas Gathering System (NGGS):

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

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

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

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

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

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

Section 3 - Certifications

Effective May 25, 2021

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

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

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

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

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

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

Section 4 - Notices

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

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

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

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

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

Signature: Carol Adler
Printed Name: Carol Adler
Title: Sr. HSE Regulatory Affairs Coordinator
E-mail Address: caroladler@chevron.com
Date: 6/6/2023
Phone: (432) 687-7148

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

KESSLER 25 36 STATE COM 639H – 9P

Input
Calculated

Cable/Rotary	Rotary
Proposed Depth	17,462
How many wells within 300'?	No
Any structures within 300'?	No
Depth to Ground water	N/A
Distance from nearest fresh water well	
Distance to nearest surface water	
Closed-loop in lieu of line pits?	Yes

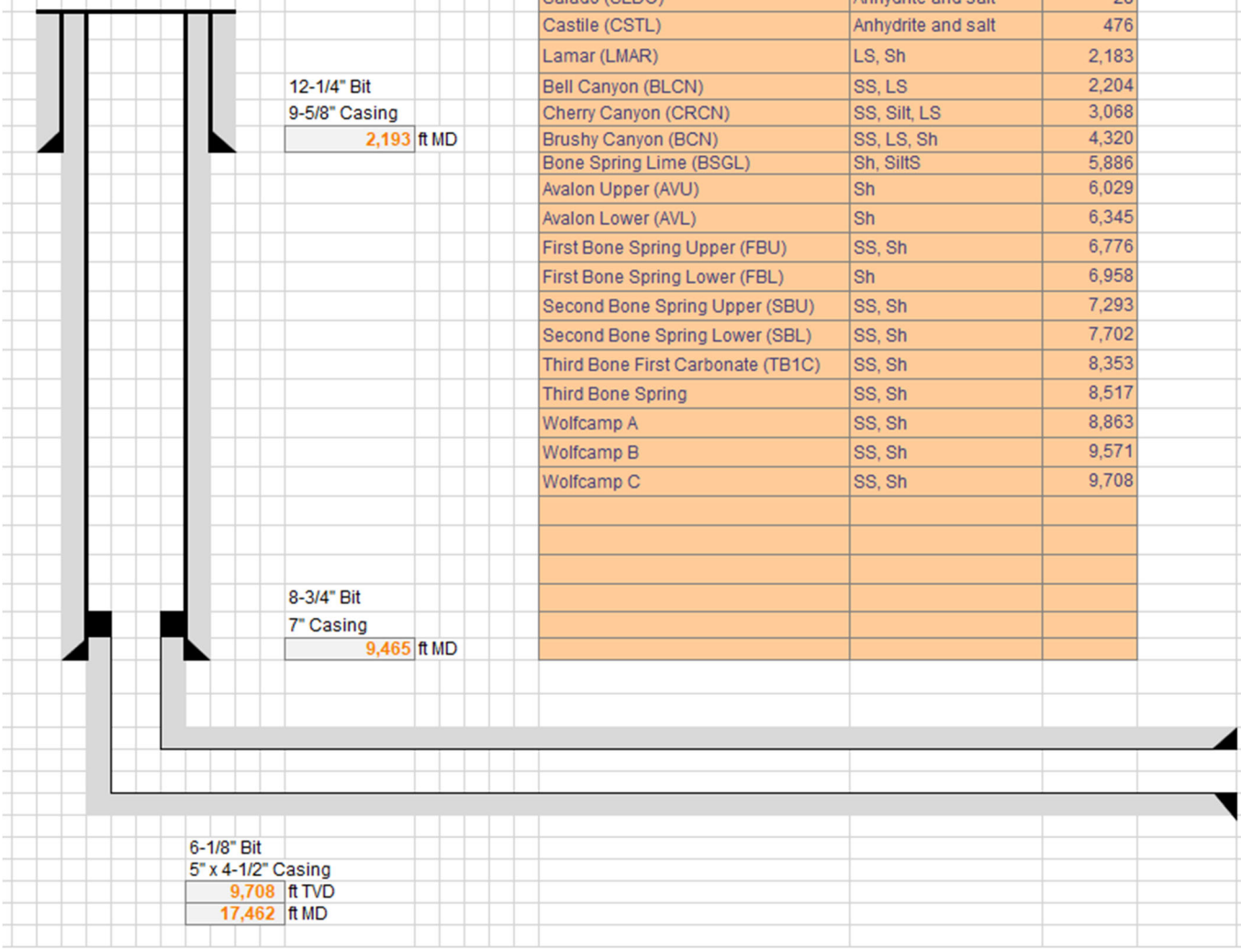
CASING

Type	Hole Size	Casing Size	Grade	Casing Weight lbs/ft	Connection	Top MD	Setting Depth (KB)	Sacks of Cement	Est. TOC	Method	Fluid Type
Surface	12-1/4"	9-5/8"	L-80	40.0	BTC	0	2,193	355	0	Calculation	Brine
Intermediate	8-3/4"	7"	P-110	29.0	BLUE-SD	0	9,465	460	0	Calculation	Cut Brine
Production Liner	6-1/8"	5"	P-110	18.0	TXP BTC	9,315	9,915	445	9315	Calculation	Oil-Based Mud
		4-1/2"	P-110	11.6	W521	9,915	17,462				

CASING/CEMENT PROGRAM: ADD'L COMMENTS

BLOWOUT PREVENTION

BOP Type	Working Pressure	Test Pressure	Manufacturer
Annular	5000 psi	3500 psi	TBD
Blind	10000 psi	5000 psi	TBD
Pipe	10000 psi	5000 psi	TBD
Pipe	10000 psi	5000 psi	TBD



Formation & Geologic Feature Tops	Lithology	TVD (RKB)
Salado (SLDO)	Anhydrite and salt	28
Castile (CSTL)	Anhydrite and salt	476
Lamar (LMAR)	LS, Sh	2,183
Bell Canyon (BLCN)	SS, LS	2,204
Cherry Canyon (CRCN)	SS, Silt, LS	3,068
Brushy Canyon (BCN)	SS, LS, Sh	4,320
Bone Spring Lime (BSGL)	Sh, SiltS	5,886
Avalon Upper (AVU)	Sh	6,029
Avalon Lower (AVL)	Sh	6,345
First Bone Spring Upper (FBU)	SS, Sh	6,776
First Bone Spring Lower (FBL)	Sh	6,958
Second Bone Spring Upper (SBU)	SS, Sh	7,293
Second Bone Spring Lower (SBL)	SS, Sh	7,702
Third Bone First Carbonate (TB1C)	SS, Sh	8,353
Third Bone Spring	SS, Sh	8,517
Wolfcamp A	SS, Sh	8,863
Wolfcamp B	SS, Sh	9,571
Wolfcamp C	SS, Sh	9,708

VI. Separation Equipment:
Separation equipment installed at each Chevron facility is designed for maximum anticipated throughput and pressure to minimize waste. Separation equipment is designed and built according to ASME Sec VIII Div I to ensure gas is separated from liquid streams according to projected production.

VII./VIII. Operational & Best Management Practices:
1. General Requirements for Venting and Flaring of Natural Gas:
- In all circumstances, Chevron will flare rather than vent unless flaring is technically infeasible and venting of natural gas will avoid a risk of an immediate and substantial adverse impact on safety, public health, or the environment.
- Chevron installs and operates vapor recovery units (VRUs) in new facilities to minimize venting and flaring. If a VRU experiences operating issues, it is quickly assessed so that action can be taken to return the VRU to operation or, if necessary, facilities are shut-in to reduce the venting or flaring of natural gas.

2. During Drilling Operations:
- Flare stacks will be located a minimum of 110 feet from the nearest surface hole location.
- If an emergency or malfunction occurs, gas will be flared or vented to avoid a risk of an immediate and substantial adverse impact on public health, safety or the environment and be properly reported to the NMOCD pursuant to 19.15.27.8.G.
- Natural gas is captured or combusted if technically feasible using best industry practices and control technologies, such as the use of separators (e.g., Sand Commanders) during normal drilling and completions operations.

3. During Completions:
- Chevron typically does not complete traditional flowback, instead Chevron will flow produced oil, water, and gas to a centralized tank battery and continuously recover salable quality gas. If Chevron completes traditional flowback, Chevron conducts reduced emission completions as required by 40 CFR 60.5375a by routing gas to a gas flow line as soon as practicable once there is enough gas to operate a separator. Venting does not occur once there is enough gas to operate a separator
- Normally, during completions a flare is not on-site. A Snubbing Unit will have a flare on-site, and the flare volume will be estimated.
- If natural gas does not meet pipeline quality specification, the gas is sampled twice per week until the gas meets the specifications.

4. During Production:
- An audio, visual and olfactory (AVO) inspection will be performed daily (at minimum) for active wells and facilities to confirm that all production equipment is operating properly and there are no leaks or releases except as allowed in Subsection D of 19.15.27.8 NMAC. Inactive, temporarily abandoned, or shut-in wells and facilities will be inspected weekly. Inspection records will be kept for a minimum of five years and will be available upon request by the division.
- Monitor manual liquid unloading for wells on-site, takes all reasonable actions to achieve a stabilized rate and pressure at the earliest practical time and takes reasonable actions to minimize venting to the maximum extent practicable.
- In all circumstances, Chevron will flare rather than vent unless flaring is technically infeasible and venting of natural gas will avoid a risk of an immediate and substantial adverse impact on safety, public health, or the environment.
- Chevron's design for new facilities utilizes air-activated pneumatic controllers and pumps.
- If natural gas does not meet pipeline quality specification, the gas is sampled twice per week until the gas meets the specifications.
- Chevron does not produce oil or gas until all flowlines, tank batteries, and oil/gas takeaway are installed, tested, and determined operational.

5. Performance Standards

- Equipment installed at each facility is designed for maximum anticipated throughput and pressure to minimize waste. Tank pressure relief systems utilize a soft seated or metal seated PSVs, as appropriate, which are both designed to not leak.
- Flare stack has been designed for proper size and combustion efficiency. New flares will have a continuous pilot and will be located at least 100 feet from the well and storage tanks and will be securely anchored.
- New tanks will be equipped with an automatic gauging system.
- An audio, visual and olfactory (AVO) inspection will be performed daily (at minimum) for active wells and facilities to confirm that all production equipment is operating properly and there are no leaks or releases except as allowed in Subsection D of 19.15.27.8 NMAC. Inactive, temporarily abandoned, or shut-in wells and facilities will be inspected weekly. Inspection records will be kept for a minimum of five years and will be available upon request by the division.

6. Measurement or Estimation of Vented and Flared Natural Gas

- Chevron estimates or measures the volume of natural gas that is vented, flared, or beneficially used during drilling, operations, regardless of the reason or authorization for such venting or flaring.
- Where technically practicable, Chevron will install meters on flares installed after May 25, 2021. Meters will conform to industry standards. Bypassing the meter will only occur for inspecting and servicing of the meter.