<u>District I</u> 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 345751

APPLICATION FOR PERIVIT TO DRILL, F	RE-ENTER, DEEPEN, PLUGBACI	N, OR ADD A ZONE

74 1 207 (1011 011 2141 10 0142) (2 211 214) 1 2000 (014 00 014 00 014							
Operator Name and Address		2. OGRID Number					
CHEVRON U S A INC	4323						
6301 Deauville Blvd		3. API Number					
Midland, TX 79706		30-015-53997					
4. Property Code	5. Property Name	6. Well No.					
334062	JIM BEAM 25 36 STATE COM	539H					

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	2012	E	Eddy

8. Proposed Bottom Hole Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
G	36	26S	27E	2	25	S	2180	E	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	3057
16. Multiple	17. Proposed Depth	18. Formation	19. Contractor	20. Spud Date
N	17231	Wolfcamp		10/20/2023
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	2194	355	0
Int1	8.75	7	29	9235	451	0
Prod	6.125	5	18	9685	445	9085
Prod	6.125	4.5	11.6	17231	445	9085

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

knowledge and b	pelief. have complied with 19.15.14.9 (A)	true and complete to the best of my NMAC ⊠ and/or 19.15.14.9 (B) NMAC		OIL CONSERVATI	ON DIVISION
Printed Name:	Electronically filed by Cindy Herro	era-Murillo	Approved By:	Ward Rikala	
Title:	Sr. HES Regulatory Affairs Coord	dinator	Title:		
Email Address:	nail Address: eeof@chevron.com			7/20/2023	Expiration Date: 7/20/2025
Date:	7/20/2023 Phone: 575-263-0431		Conditions of App	roval Attached	

District I 1625 N. French Dr., Hobbs, NM 88240 Phone: (575) 393-6161 Fax: (575) 393-0720 District II 811 S. First St., Artesia, NM 88210 Phone: (575) 748-1283 Fax: (575) 748-9720 District III 1000 Rio Brazos Road, Aztec, NM 87410 Phone: (505) 334-6178 Fax: (505) 334-6170

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

District IV

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

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

☐ AMENDED REPORT

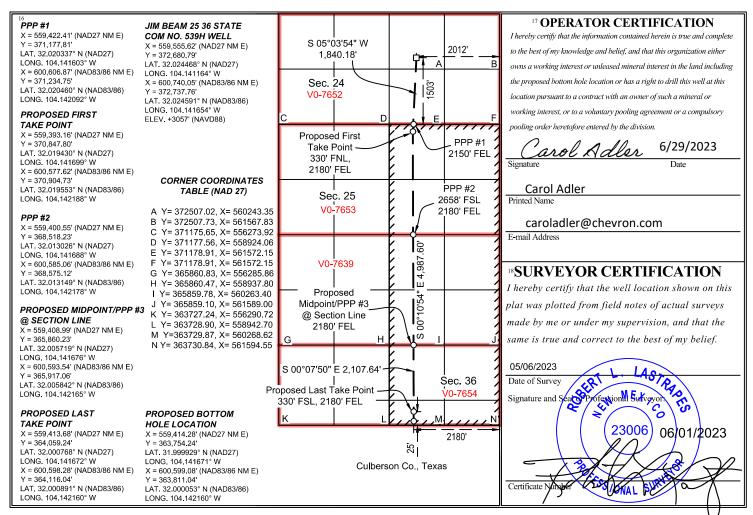
WELL LOCATION AND ACREAGE DEDICATION PLAT

	¹ API Numbe	er ² Pool Code				³ Pool Name				
3	30-015-5	98220 PURPLE SAGE; WOLFCAMP (C				FCAMP (GAS)				
*	ty Code			5 P1	roperty Name				6 Well Numbe	er
334062		JIM BEAM 25 36 STATE COM						539H		
⁷ OGRI	ID No.	⁸ Operator Name						⁹ Elevation		
432	23	CHEVRON U.S.A. INC.						3057'		
¹⁰ Surface Location						_				
UL or lot no.	Section To	ownship	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line		County

26 SOUTH 27 EAST, N.M.P.M. 1503 SOUTH 2012 **EAST EDDY** ¹¹ Bottom Hole Location If Different From Surface

	UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
	L2	36	26 SOUTH	27 EAST, N.M.P.M.		25'	SOUTH	2180'	EAST	EDDY
ĺ	12 Dedicated A	cres 13 Joi	nt or Infill	¹⁴ Consolidation Code ¹⁵	Order No.					
	448.09		NFILL			Definin	g well is JIM BE	EAM 25 36 STA	ATE COM 443H	

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



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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 345751

PERMIT CONDITIONS OF APPROVAL

Operator Name and Address:		API Number:
CHEVRON U S A INC [432	3]	30-015-53997
6301 Deauville Blvd		Well:
Midland, TX 79706		JIM BEAM 25 36 STATE COM #539H

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	Pit construction and closure must satisfy all requirements of your approved plan
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	If using a pit for drilling and completion operations, must have an approved pit from prior to spudding the well
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

Inten	t	As Dril	led											
API#	ŀ													
Operator Name:				Property Name:				Well Number						
Kick (Off Point	(KOP)												
UL	Section	Township	Range	Lot	Feet		From N	l/S	Feet		From	n E/W	County	
Latitu	ude				Longitu	ıde				_			NAD	
First	Take Poir	nt (FTP)												
UL	Section	Township	Range	Lot	Feet		From N	l/S	Feet		From	n E/W	County	
Latitu	ude				Longitu	Longitude			NAD					
Last T	「ake Poin	t (LTP)												
UL	Section	Township	Range	Lot	Feet	Froi	m N/S	Feet		From E,	/W	Count	У	
Latitu	ude				Longitu	ıde						NAD		
Is this	Is this well the defining well for the Horizontal Spacing Unit?													
Is this well an infill well?														
	ng Unit.	lease provi	de API if	availal	ole, Ope	rator	Name	and w	vell n	umber [.]	for [Definir	ng well fo	r Horizontal
Ope	rator Nai	me:				Prop	oerty N	ame:						Well Number
<u> </u>						<u> </u>								1

KZ 06/29/2018

Tenaris

API BTC

Coupling Pipe Body

Grade: L80 Type 1 Grade: L80 Type 1 1st Band: Red Body: 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	Туре	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.

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P110

Casing



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
Min. Wall Thickness	90.00 %	Pipe Body Drift	Special Drift	Туре
Connection OD Option	REGULAR			

Pipe Body Data

Geometry			
Nominal OD	7.000 in.	Wall Thickness	0.408 in.
Nominal Weight	29 lb/ft	Plain End Weight	28.75 lb/ft
Drift	6.125 in.	OD Tolerance	API
Nominal ID	6.184 in.		

Performance	
Body Yield Strength	929 x1000 lb
Min. Internal Yield Pressure	11,540 psi
SMYS	110,000 psi
Collapse Pressure	8530 psi

Connection Data

Geometry	
Connection OD	7.680 in.
Coupling Length	10.550 in.
Connection ID	6.190 in.
Make-up Loss	4.480 in.
Threads per inch	4
Connection OD Option	Regular

Performance	
Tension Efficiency	100 %
Joint Yield Strength	929 x1000 lb
Internal Pressure Capacity	11,540 psi
Compression Efficiency	89.30 %
Compression Strength	830 x1000 lb
Max. Allowable Bending	64.30 °/100 ft
External Pressure Capacity	8530 psi
Coupling Face Load	433,000 lb

Make-Up Torques	
Minimum	9060 ft-lb
Optimum	10,070 ft-lb
Maximum	11,080 ft-lb
Shoulder Torques	
Minimum	1510 ft-lb
Maximum	8560 ft-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

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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	Туре	Casing
Connection OD Option	REGULAR				

Pipe Body Data

Geometry			
Nominal OD	5.000 in.	Wall Thickness	0.362 in.
Nominal Weight	18 lb/ft	Plain End Weight	17.95 lb/ft
Drift	4.151 in.	OD Tolerance	API
Nominal ID	4.276 in.		

Performance	
Body Yield Strength	580 x1000 lb
Min. Internal Yield Pressure	13,940 psi
SMYS	110,000 psi
Collapse Pressure	13,470 psi

Connection Data

Geometry	
Connection OD	5 in.
Connection ID	4.194 in.
Make-up Loss	4.320 in.
Threads per inch	3.36
Connection OD Option	Regular

Performance	
Tension Efficiency	63.70 %
Joint Yield Strength	369 x1000 lb
Internal Pressure Capacity	13,940 psi
Compression Efficiency	73.70 %
Compression Strength	427 x1000 lb
Max. Allowable Bending	64.34 °/100 ft
External Pressure Capacity	13,470 psi

Make-Up Torques	
Minimum	6500 ft-lb
Optimum	7800 ft-lb
Maximum	11,400 ft-lb
Operation Limit Torques	
Operating Torque	19,300 ft-lb
Yield Torque	29,000 ft-lb

Notes

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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	Туре	Casing
Connection OD Option	REGULAR				

Pipe Body Data

Geometry			
Nominal OD	4.500 in.	Wall Thickness	0.250 in.
Nominal Weight	11.60 lb/ft	Plain End Weight	11.36 lb/ft
Drift	3.875 in.	OD Tolerance	API
Nominal ID	4 in.		

Performance	
Body Yield Strength	367 x1000 lb
Min. Internal Yield Pressure	10,690 psi
SMYS	110,000 psi
Collapse Pressure	7580 psi

Connection Data

4.695 in.
3.960 in.
3.620 in.
3.36
Regular

64.20 %
236 x1000 lb
10,690 psi
84.80 %
311 x1000 lb
71.90 °/100 ft
7580 psi

Make-Up Torques	
Minimum	3600 ft-lb
Optimum	4300 ft-lb
Maximum	6300 ft-lb
Operation Limit Torques	
Operating Torque	14,000 ft-lb
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

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Training

MCBU Drilling and Completions H₂S 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 H₂S.

Awareness Level

Employees and visitors to MCBU Drilling and Completions locations that have known concentrations of H₂S, who are not required to perform work in H₂S areas, will be provided with an awareness level of H₂S training prior to entering any H₂S areas. At a minimum, awareness level training will include:

- 1. Physical and chemical properties of H₂S
- 2. Health hazards of H₂S
- 3. Personal protective equipment
- 4. Information regarding potential sources of H₂S
- 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 H₂S Training

Employees and contractors required to work in areas that may contain H₂S will be provided with Advanced Level H₂S training prior to initial assignment. In addition to the Awareness Level requirements, Advanced Level H₂S training will include:

- 1. H₂S safe work practice procedures;
- 2. Emergency contingency plan procedures;
- 3. Methods to detect the presence or release of H₂S (e.g., alarms, monitoring equipment), including hands-on training with direct reading and personal monitoring H₂S equipment.
- 4. Basic overview of respiratory protective equipment suitable for use in H₂S 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 H₂S training;
- 6. Proficiency examination covering all course material.

Advanced H₂S training courses will be instructed by personnel who have successfully completed an appropriate H₂S train-the-trainer development course (ANSI/ASSE Z390.1-2006) or who possess significant past experience through educational or work-related background.



H₂S 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 upwind from the well at all times. Upon recognition of an emergency situation, all personnel should assemble at the designated upwind briefing areas for instructions.

H₂S 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.

H₂S Detection and Monitoring System

- a) H₂S 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.



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

<u>Agency</u>	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

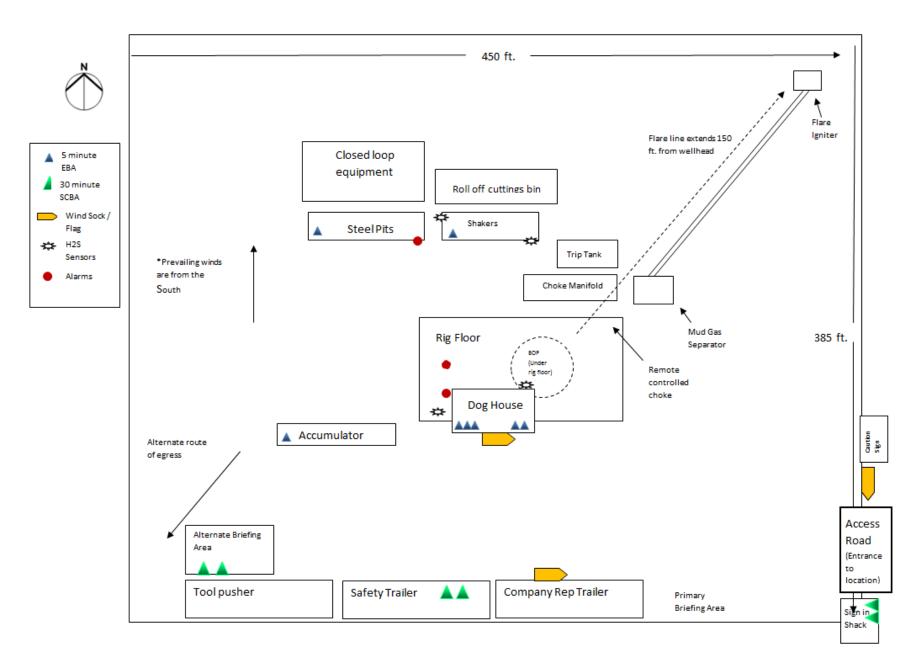


Chevron MCBU D&C Emergency Notifications

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		







Jim Beam 25 36 State Com No. 539H R0 mdv 07Jun23 Proposal Geodetic Report Def Plan

Report Date:
Client:
Field:
Structure / Slot:
Well:
Borehole:
UBHH / APIR:
Survey Name:
Survey Date:
Ton / AHD / DDI / ERD Ratio:
Coordinate Reference System:
Location Lat / Long:
Location Grid ME / YX:
CRS Grid Convergence Angle:
Grid Scale Factor:
Version / Patch:

June 12, 2023 - 09:33 PM (UTC 0) Chevron NM, Eddy County (NAD 27 EZ) CHEVRON FRO SO (NESSIEI - JIIII DEBIN) /

NM, Eddy County (NAD 27 E2)

NM, Eddy County (NAD 27 E2)

Jim Beam 23 58 State Com No. 539H

Uniscount / Uniscount

Jim Beam 23 58 State Com No. 539H

Uniscount / Uniscount

Jim Beam 23 58 State Com No. 539H

Uniscount / Uniscount

June 09, 2023

June 09, 2023

AUD 10, 2023

AUD 10, 2023

AUD 10, 2024

AUD 10

Survey / DLS Computation: Vertical Section Azimuth: Vertical Section Origin: "TVD Reference Datum: TVD Reference Elevation: Minimum Curvature / Lubinski 179.830 °(GRID North) 0.000 ft, 0.000 ft RKB 3085.000 ft above MSL

Seabed / Ground Elevation:	3057.000 ft above MSL
Magnetic Declination:	6.675°
Total Gravity Field Strength:	998.4445mgn (9.80665 Ba
Gravity Model:	GARM
Total Magnetic Field Strength:	47361.365 nT
Magnetic Dip Angle:	59.52°
Declination Date:	June 09, 2023
Magnetic Declination Model:	HDGM 2023
North Reference:	Grid North
Grid Convergence Used:	0.1019°
Total Corr Mag North->Grid North:	6.5736°
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	0.00 100.00	0.00 0.00	187.45 187.45	0.00 100.00	-3,085.00 -2,985.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00	372,680.79 372,680.79	559,555.62 559,555.62	32°1'28.085298"N 32°1'28.085298"N	104°8'28.191275"W 104°8'28.191275"W
	200.00	0.00	187.45	200.00	-2,885.00	0.00	0.00	0.00	0.00	372,680.79	559,555.62	32°1'28.085298"N	104°8'28.191275"W
	300.00 400.00	0.00	187.45 187.45	300.00 400.00	-2,785.00 -2,685.00	0.00	0.00	0.00	0.00	372,680.79 372,680.79	559,555.62 559,555.62	32°1'28.085298"N 32°1'28.085298"N	104°8'28.191275"W 104°8'28.191275"W
Castile (CSTL)	478.30 500.00	0.00	187.45 187.45	478.30 500.00	-2,606.70 -2,585.00	0.00	0.00	0.00	0.00	372,680.79 372,680.79	559,555.62 559,555.62	32°1'28.085298"N 32°1'28.085298"N	104°8'28.191275"W 104°8'28.191275"W
	600.00	0.00	187.45	600.00	-2,485.00	0.00	0.00	0.00	0.00	372,680.79	559,555.62	32°1'28.085298"N	104°8'28.191275"W
Build 1.5°/100ft	700.00 800.00	0.00	187.45 187.45	700.00 800.00	-2,385.00 -2,285.00	0.00	0.00	0.00	0.00 0.00	372,680.79 372,680.79	559,555.62 559,555.62	32°1'28.085298"N 32°1'28.085298"N	104°8'28.191275"W 104°8'28.191275"W
	900.00 1.000.00	1.50 3.00	187.45 187.45	899.99 999.91	-2,185.01 -2.085.09	1.30 5.19	-1.30 -5.19	-0.17 -0.68	1.50 1.50	372,679.49 372,675.60	559,555.45 559,554.94	32°1'28.072458"N 32°1'28.033945"N	104°8'28.193272"W 104°8'28.199262"W
	1,100.00	4.50	187.45	1,099.69	-1,985.31	11.67	-11.68	-1.53	1.50	372,669.12	559,554.09	32°1'27.969786"N	104°8'28.209240"W
	1,200.00 1,300.00	6.00 7.50	187.45 187.45	1,199.27 1,298.57	-1,885.73 -1,786.43	20.74 32.39	-20.75 -32.40	-2.71 -4.23	1.50 1.50	372,660.04 372,648.39	559,552.91 559,551.39	32°1'27.880025"N 32°1'27.764724"N	104°8'28.223200"W 104°8'28.241132"W
	1,400.00	9.00	187.45	1,397.54	-1,687.46	46.61	-46.63	-6.09	1.50	372,634.16	559,549.53	32°1'27.623961"N	104°8'28.263024"W
	1,500.00 1,600.00	10.50 12.00	187.45 187.45	1,496.09 1,594.16	-1,588.91 -1,490.84	63.40 82.73	-63.42 -82.77	-8.29 -10.82	1.50 1.50	372,617.37 372,598.03	559,547.33 559,544.80	32°1'27.457833"N 32°1'27.266454"N	104°8'28.288860"W 104°8'28.318624"W
Hold	1,600.22 1,700.00	12.00 12.00	187.45 187.45	1,594.38 1.691.98	-1,490.62 -1,393.02	82.78 103.35	-82.81 -103.39	-10.82 -13.51	1.50 0.00	372,597.99 372,577.41	559,544.80 559,542.11	32°1'27.266008"N 32°1'27.062437"N	104°8'28.318693"W 104°8'28.350353"W
	1,800.00	12.00	187.45	1,789.79	-1,295.21	123.96	-124.01	-16.21	0.00	372,556.79	559,539.41	32°1'26.858420"N	104°8'28.382082"W
	1,900.00 2,000.00	12.00 12.00	187.45 187.45	1,887.60 1,985.42	-1,197.40 -1,099.58	144.57 165.19	-144.63 -165.25	-18.90 -21.60	0.00 0.00	372,536.17 372,515.55	559,536.72 559,534.02	32°1'26.654403"N 32°1'26.450386"N	104°8'28.413812"W 104°8'28.445541"W
	2,100.00	12.00	187.45	2,083.23	-1,001.77	185.80	-185.87	-24.29	0.00	372,494.93	559,531.33	32°1'26.246369"N	104°8'28.477270"W
Lamar (LMAR)	2,200.00 2,208.50	12.00 12.00	187.45 187.45	2,181.05 2,189.36	-903.95 -895.64	206.41 208.17	-206.49 -208.25	-26.99 -27.22	0.00 0.00	372,474.31 372,472.56	559,528.64 559,528.41	32°1'26.042352"N 32°1'26.025010"N	104°8'28.508999"W 104°8'28.511696"W
Bell Canyon (BLCN)	2,230.12	12.00 12.00	187.45 187.45	2,210.51 2,278.86	-874.49 -806.14	212.62 227.03	-212.71 -227.12	-27.80 -29.68	0.00	372,468.10 372,453.69	559,527.82 559,525.94	32°1'25.980896"N 32°1'25.838335"N	104°8'28.518556"W 104°8'28.540728"W
	2,400.00	12.00	187.45	2,376.67	-708.33	247.64	-247.74	-32.38	0.00	372,433.07	559,523.25	32°1'25.634318"N	104°8'28.572457"W
	2,500.00 2,600.00	12.00 12.00	187.45 187.45	2,474.49 2,572.30	-610.51 -512.70	268.25 288.87	-268.36 -288.98	-35.07 -37.77	0.00 0.00	372,412.46 372,391.84	559,520.55 559,517.86	32°1'25.430300"N 32°1'25.226283"N	104°8'28.604186"W 104°8'28.635914"W
	2,700.00	12.00	187.45	2,670.11	-414.89	309.48	-309.60	-40.46	0.00	372,371.22	559,515.16	32°1'25.022266"N	104°8'28.667643"W
	2,800.00 2,900.00	12.00 12.00	187.45 187.45	2,767.93 2,865.74	-317.07 -219.26	330.09 350.71	-330.22 -350.84	-43.16 -45.85	0.00 0.00	372,350.60 372,329.98	559,512.47 559,509.77	32°1'24.818249"N 32°1'24.614232"N	104°8'28.699372"W 104°8'28.731101"W
	3,000.00 3,100.00	12.00 12.00	187.45 187.45	2,963.55 3,061.37	-121.45 -23.63	371.32 391.93	-371.47 -392.09	-48.55 -51.24	0.00 0.00	372,309.36 372,288.74	559,507.08 559,504.38	32°1'24.410215"N 32°1'24.206198"N	104°8'28.762829"W 104°8'28.794558"W
Cherry Canyon (CRCN)	3,115.13	12.00	187.45	3,076.17	-8.83	395.05	-395.21	-51.65	0.00	372,285.62	559,503.97	32°1'24.175324"N	104°8'28.799360"W
	3,200.00 3,300.00	12.00 12.00	187.45 187.45	3,159.18 3,256.99	74.18 171.99	412.55 433.16	-412.71 -433.33	-53.94 -56.63	0.00 0.00	372,268.12 372,247.50	559,501.69 559,498.99	32°1'24.002181"N 32°1'23.798164"N	104°8'28.826287"W 104°8'28.858015"W
	3,400.00	12.00	187.45	3,354.81	269.81	453.77	-453.95	-59.33	0.00	372,226.88	559,496.30	32°1'23.594146"N	104°8'28.889744"W
	3,500.00 3,600.00	12.00 12.00	187.45 187.45	3,452.62 3,550.44	367.62 465.44	474.39 495.00	-474.57 -495.19	-62.02 -64.72	0.00 0.00	372,206.26 372,185.64	559,493.60 559,490.91	32°1'23.390129"N 32°1'23.186112"N	104°8'28.921472"W 104°8'28.953201"W
	3,700.00 3,800.00	12.00 12.00	187.45 187.45	3,648.25 3,746.06	563.25 661.06	515.61 536.23	-515.82 -536.44	-67.41 -70.11	0.00 0.00	372,165.02 372,144.40	559,488.21 559,485.52	32°1'22.982095"N 32°1'22.778078"N	104°8'28.984929"W 104°8'29.016657"W
	3,900.00	12.00	187.45	3,843.88	758.88	556.84	-557.06	-72.80	0.00	372,123.78	559,482.82	32°1'22.574061"N	104°8'29.048386"W
	4,000.00 4,100.00	12.00 12.00	187.45 187.45	3,941.69 4,039.50	856.69 954.50	577.45 598.07	-577.68 -598.30	-75.50 -78.19	0.00 0.00	372,103.16 372.082.54	559,480.13 559,477,43	32°1'22.370043"N 32°1'22.166026"N	104°8'29.080114"W 104°8'29.111842"W
	4,200.00	12.00	187.45	4,137.32	1,052.32	618.68	-618.92	-80.89	0.00	372,061.92	559,474.74	32°1'21.962009"N	104°8'29.143570"W
Brushy Canyon (BCN)	4,300.00 4,398.43	12.00 12.00	187.45 187.45	4,235.13 4,331.41	1,150.13 1,246.41	639.29 659.58	-639.54 -659.84	-83.58 -86.24	0.00 0.00	372,041.30 372,021.01	559,472.04 559,469.39	32°1'21.757992"N 32°1'21.557175"N	104°8'29.175299"W 104°8'29.206529"W
	4,400.00 4,500.00	12.00 12.00	187.45 187.45	4,332.94 4,430.76	1,247.94 1,345.76	659.91 680.52	-660.17 -680.79	-86.28 -88.97	0.00 0.00	372,020.68 372,000.06	559,469.35 559,466.65	32°1'21.553975"N 32°1'21.349958"N	104°8'29.207027"W 104°8'29.238755"W
	4,600.00	12.00	187.45	4,528.57	1,443.57	701.13	-701.41	-91.67	0.00	371,979.44	559,463.96	32°1'21.145940"N	104°8'29.270483"W
	4,700.00 4,800.00	12.00 12.00	187.45 187.45	4,626.38 4,724.20	1,541.38 1,639.20	721.75 742.36	-722.03 -742.65	-94.36 -97.06	0.00	371,958.82 371,938.21	559,461.26 559,458.57	32°1'20.941923"N 32°1'20.737906"N	104°8'29.302211"W 104°8'29.333939"W
	4,900.00	12.00	187.45	4,822.01	1,737.01	762.97	-763.27	-99.75	0.00	371,917.59	559,455.87	32°1'20.533889"N	104°8'29.365667"W
	5,000.00 5,100.00	12.00 12.00	187.45 187.45	4,919.83 5,017.64	1,834.83 1,932.64	783.59 804.20	-783.89 -804.52	-102.45 -105.14	0.00 0.00	371,896.97 371,876.35	559,453.18 559,450.49	32°1'20.329872"N 32°1'20.125854"N	104°8'29.397395"W 104°8'29.429123"W
	5,200.00 5,300.00	12.00 12.00	187.45 187.45	5,115.45 5,213.27	2,030.45 2,128.27	824.81 845.43	-825.14 -845.76	-107.84 -110.53	0.00 0.00	371,855.73 371,835.11	559,447.79 559,445.10	32°1'19.921837"N 32°1'19.717820"N	104°8'29.460850"W 104°8'29.492578"W
	5,400.00	12.00	187.45	5,311.08	2,226.08	866.04	-866.38	-113.23	0.00	371,814.49	559,442.40	32°1'19.513803"N	104°8'29.524306"W
	5,500.00 5.600.00	12.00 12.00	187.45 187.45	5,408.89 5.506.71	2,323.89	886.65 907.27	-887.00 -907.62	-115.92 -118.62	0.00	371,793.87 371,773.25	559,439.71 559,437.01	32°1'19.309786"N 32°1'19.105768"N	104°8'29.556034"W 104°8'29.587761"W
	5,700.00	12.00	187.45	5,604.52	2,519.52	927.88	-928.24	-121.31	0.00	371,752.63	559,434.32	32°1'18.901751"N	104°8'29.619489"W
	5,800.00 5,900.00	12.00 12.00	187.45 187.45	5,702.33 5,800.15	2,617.33 2,715.15	948.49 969.11	-948.86 -969.49	-124.01 -126.70	0.00 0.00	371,732.01 371,711.39	559,431.62 559,428.93	32°1'18.697734"N 32°1'18.493717"N	104°8'29.651216"W 104°8'29.682944"W
Bone Spring Lime (BSGL)	6,000.00 6,004.14	12.00 12.00	187.45 187.45	5,897.96 5,902.01	2,812.96 2,817.01	989.72 990.57	-990.11 -990.96	-129.40 -129.51	0.00	371,690.77 371,689.92	559,426.23 559,426.12	32°1'18.289699"N 32°1'18.281255"N	104°8'29.714671"W 104°8'29.715985"W
	6,100.00	12.00	187.45	5,995.77	2,910.77	1,010.33	-1,010.73	-132.09	0.00	371,670.15	559,423.54	32°1'18.085682"N	104°8'29.746399"W
Avalon Upper (AVU)	6,149.28 6.200.00	12.00 12.00	187.45 187.45	6,043.98 6.093.59	2,958.98 3.008.59	1,020.49 1.030.95	-1,020.89 -1.031.35	-133.42 -134.79	0.00	371,659.99 371.649.53	559,422.21 559.420.84	32°1'17.985137"N 32°1'17.881665"N	104°8'29.762035"W 104°8'29.778126"W
	6,300.00	12.00	187.45	6,191.40	3,106.40	1,051.56	-1,051.97	-137.48	0.00	371,628.91	559,418.15	32°1'17.677648"N	104°8'29.809854"W
Avalon Lower (AVL)	6,400.00 6,479.12	12.00 12.00	187.45 187.45	6,289.22 6,366.61	3,204.22 3,281.61	1,072.17 1,088.48	-1,072.59 -1,088.91	-140.18 -142.31	0.00	371,608.29 371,591.98	559,415.45 559,413.32	32°1'17.473630"N 32°1'17.312203"N	104°8'29.841581"W 104°8'29.866685"W
Drop .75°/100ft	6,499.24 6,500.00	12.00 12.00	187.45 187.45	6,386.28 6,387.03	3,301.28 3,302.03	1,092.63 1,092.79	-1,093.06 -1,093.21	-142.85 -142.87	0.00 0.75	371,587.83 371,587.67	559,412.78 559,412.76	32°1'17.271167"N 32°1'17.269613"N	104°8'29.873067"W 104°8'29.873308"W
	6,600.00	11.25	187.45	6,484.98	3,399.98	1,112.75	-1,113.19	-145.49	0.75	371,567.70	559,410.15	32°1'17.071978"N	104°8'29.904043"W
	6,700.00 6,800.00	10.50 9.75	187.45 187.45	6,583.18 6,681.62	3,498.18 3,596.62	1,131.45 1,148.87	-1,131.89 -1,149.32	-147.93 -150.21	0.75 0.75	371,549.00 371,531.57	559,407.70 559,405.43	32°1'16.886937"N 32°1'16.714522"N	104°8'29.932819"W 104°8'29.959632"W
First Bone Spring Upper (FBU)	6,900.00 6,914.27	9.00 8.89	187.45 187.45	6,780.29 6,794.39	3,695.29 3,709.39	1,165.01	-1,165.47	-152.32 -152.61	0.75 0.75	371,515.42 371,513.22	559,403.32	32°1'16.554763"N 32°1'16.532993"N	104°8'29.984476"W 104°8'29.987862"W
	7,000.00	8.25	187.45	6,879.16	3,794.16	1,167.21 1,179.87	-1,167.67 -1,180.34	-154.26	0.75	371,500.56	559,403.03 559,401.37	32°1'16.407687"N	104°8'30.007348"W
First Bone Spring Lower (FBL)	7,099.67 7,100.00	7.50 7.50	187.45 187.45	6,977.89 6,978.22	3,892.89 3,893.22	1,193.41 1,193.45	-1,193.87 -1,193.92	-156.03 -156.04	0.75 0.75	371,487.02 371,486.98	559,399.60 559,399.60	32°1'16.273740"N 32°1'16.273320"N	104°8'30.028179"W 104°8'30.028244"W
	7,200.00	6.75	187.45	7,077.44	3,992.44	1,205.74	-1,206.21	-157.64	0.75	371,474.69	559,397.99	32°1'16.151684"N	104°8'30.047160"W
	7,300.00 7,400.00	6.00 5.25	187.45 187.45	7,176.82 7,276.34	4,091.82 4,191.34	1,216.74 1,226.45	-1,217.22 -1,226.93	-159.08 -160.35	0.75 0.75	371,463.68 371,453.97	559,396.55 559,395.28	32°1'16.042800"N 32°1'15.946687"N	104°8'30.064093"W 104°8'30.079039"W
Second Bone Spring Upper (SBL	7,444.83 7.500.00	4.91 4.50	187.45 187.45	7,321.00 7,375.98	4,236.00 4,290.98	1,230.38 1,234.87	-1,230.87 -1,235.35	-160.87 -161.45	0.75 0.75	371,450.03 371,445.55	559,394.77 559,394.18	32°1'15.907746"N 32°1'15.863361"N	104°8'30.085095"W 104°8'30.091997"W
	7,600.00	3.75	187.45	7,475.72	4,390.72	1,242.00	-1,242.48	-162.38	0.75	371,438.42	559,393.25	32°1'15.792836"N	104°8'30.102965"W
	7,700.00 7,800.00	3.00 2.25	187.45 187.45	7,575.55 7,675.44	4,490.55 4,590.44	1,247.83 1,252.36	-1,248.32 -1,252.85	-163.15 -163.74	0.75 0.75	371,432.59 371,428.05	559,392.49 559,391.90	32°1'15.735126"N 32°1'15.690239"N	104°8'30.111939"W 104°8'30.118920"W
Second Bone Spring Lower (SBL	7,850.61	1.87	187.45	7,726.02	4,641.02	1,254.16	-1,254.65	-163.97	0.75	371,426.25	559,391.66	32°1'15.672411"N	104°8'30.121692"W 104°8'30.123905"W
	7,900.00 8,000.00	1.50 0.75	187.45 187.45	7,775.39 7,875.37	4,690.39 4,790.37	1,255.60 1,257.54	-1,256.09 -1,258.04	-164.16 -164.42	0.75 0.75	371,424.81 371,422.87	559,391.47 559,391.22	32°1'15.638964"N	104°8'30.126894"W
Hold Vertical	8,099.68 8,100.00	0.00	187.45 187.45	7,975.04 7,975.36	4,890.04 4.890.36	1,258.19 1,258.19	-1,258.68 -1,258.68	-164.50 -164.50	0.75 0.00	371,422.22 371,422.22	559,391.13 559,391.13		104°8'30.127886"W 104°8'30.127886"W
	8,200.00	0.00	187.45	8,075.36	4,990.36	1,258.19	-1,258.68	-164.50	0.00	371,422.22	559,391.13	32°1'15.632585"N	104°8'30.127886"W
	8,300.00 8,400.00	0.00	187.45 187.45	8,175.36 8,275.36	5,090.36 5,190.36	1,258.19 1,258.19	-1,258.68 -1,258.68	-164.50 -164.50	0.00 0.00	371,422.22 371,422.22	559,391.13 559,391.13	32°1'15.632585"N 32°1'15.632585"N	104°8'30.127886"W 104°8'30.127886"W
Third Bone 1st Carbonate (TB1C	8,495.98	0.00	187.45	8,371.34	5,286.34	1,258.19	-1,258.68	-164.50	0.00	371,422.22	559,391.13	32°1'15.632585"N	104°8'30.127886"W
	8,500.00 8,600.00	0.00	187.45 187.45	8,375.36 8,475.36	5,290.36 5,390.36	1,258.19 1,258.19	-1,258.68 -1,258.68	-164.50 -164.50	0.00 0.00	371,422.22 371,422.22	559,391.13 559,391.13	32°1'15.632585"N 32°1'15.632585"N	104°8'30.127886"W 104°8'30.127886"W
Third Bone Spring (TBS)	8,662.58 8,700.00	0.00	187.45 187.45	8,537.94 8,575.36	5,452.94 5,490.36	1,258.19 1,258.19	-1,258.68 -1,258.68	-164.50 -164.50	0.00	371,422.22 371,422.22	559,391.13 559,391.13	32°1'15.632585"N 32°1'15.632585"N	104°8'30.127886"W 104°8'30.127886"W
	8,800.00	0.00	187.45	8,675.36	5,590.36	1,258.19	-1,258.68	-164.50	0.00	371,422.22	559,391.13	32°1'15.632585"N	104°8'30.127886"W
	8,900.00 9,000.00	0.00	187.45 187.45	8,775.36 8,875.36	5,690.36 5,790.36	1,258.19 1,258.19	-1,258.68 -1,258.68	-164.50 -164.50	0.00 0.00	371,422.22 371,422.22	559,391.13 559,391.13	32°1'15.632585"N 32°1'15.632585"N	104°8'30.127886"W 104°8'30.127886"W
Wolfcamp A (WCA)	9,003.65	0.00	187.45	8,879.01	5,794.01	1,258.19	-1,258.68	-164.50	0.00	371,422.22	559,391.13	32°1'15.632585"N	104°8'30.127886"W
	9,100.00 9,200.00	0.00	187.45 187.45	8,975.36 9,075.36	5,890.36 5,990.36	1,258.19 1,258.19	-1,258.68 -1,258.68	-164.50 -164.50	0.00 0.00	371,422.22 371,422.22	559,391.13 559,391.13	32°1'15.632585"N 32°1'15.632585"N	104°8'30.127886"W 104°8'30.127886"W
Build 10°/100ft	9,234.68 9,300.00	0.00 6.53	187.45 179.81	9,110.04 9,175.22	6,025.04 6.090.22	1,258.19 1,261.91	-1,258.68 -1,262.40	-164.50 -164.49	0.00 10.00	371,422.22 371,418.50	559,391.13 559,391.15	32°1'15.632585"N 32°1'15.595774"N	104°8'30.127886"W 104°8'30.127822"W
	9,400.00	16.53	179.81	9,273.08	6,188.08	1,281.87	-1,282.37	-164.42	10.00	371,398.54	559,391.21	32°1'15.398186"N	104°8'30.127482"W
Wolfcamp A2 (WCA2)	9,435.06 9,500.00	20.04 26.53	179.81 179.81	9,306.36 9,365.98	6,221.36 6,280.98	1,292.87 1,318.53	-1,293.36 -1,319.02	-164.39 -164.30	10.00 10.00	371,387.54 371,361.88	559,391.25 559,391.33		104°8'30.127294"W 104°8'30.126856"W
	-,	_3.55		-,-50.00	-,-50.00	.,= 10.00	.,	. 54.00	10.00	,501.00	,501.00		

## Warner B WCG 2015	Comments	MD (ft)	Incl (°)	Azim (°)	TVD (ft)	TVDSS (ft)	VSEC (ft)	NS (ft)	EW (ft)	DLS (°/100ft)	Northing (ftUS)	Easting (ftUS)	Latitude (°'")	Longitude (°'")
Wilson, B World 8,000							1,370.76							
\$ 2,000.00 \$6.50 \$77.81 \$0.000.00 \$2.000 \$1.000.00 \$77.0000.00 \$77.0000.00 \$77.0000.00 \$77.0000.00 \$77.0000.00 \$7	Wolfcamp B (WCB)										371,243.44			
Landy Peer 10,156,20	Transamp B (Trob)													
Limida 10,100.00 66.50 779.87 Self-life 56.00 579.87 Self-life 579.87 Sel														
Limby Proces 1,50,502 91-14 77-28 9.08.00 1.08.20 9.14 77-28 9.08.00 1.08.20 9.14 77-28 9.08.00 9.14 9.08.00 9.14 9.0											370,982.74			
FFF Cress 10,300,00	Landing Point													
1,00,000 0,04	FTP Cross	10,136.05	90.14	179.81	9,683.00	6,598.00	1,832.52	-1,833.01	-162.64	0.00	370,847.94	559,393.00	32°1'9.949121"N	104°8'30.118088"W
1,00,000 00 04 1794 06827 05772 200647 20064 14736 00 2705400 20067 00 14 1794 068174 06800 20060 20060 14 1794 068174 06800 20060 20060 14 1794 068174 06800 20060 20060 14 1794 068174 06800 20060 20060 14 1794 068174 06800 20060 20060 14 1794 068174 06800 20060 20060 14 1794 068174 06800 20060 20060 14 1794 068174 06800 20060 20060 14 1794 068174 06800 20060 20060 14 1794 068174 06800 20060 20060 14 1794 068174 06800 20060 20060 14 1794 06800 200600 20060 20060 20060 20060 20060 20060 20060 20060 20060 20060 2														
1,000,000 0,014 179.01 0,000.11 0,														
10,700.00 91.4 779.81 90.8167 4.986.87 2.986.87 190.91 0.00 370.346.80 502.946.2 3271.366.877 190.866.77 190.8		10,500.00		179.81	9,682.14	6,597.14		-2,196.96	-161.46		370,484.03	559,394.18	32°1'6.347563"N	
1,000,000 00.14 779.81 0.001.42 0.000.00 0.000.00 0.000.00 0.000.00														
1000.000 90.14 179.81 9681-79 6.986-19 2.206.07 2.276.65 180.010 970.846.07 12.206.000.000 11.11.000.00 90.14 179.81 9680-72 6.005.07 2.276.65 180.91 0.000 36.91 179.81 9680-72 2.766.05 180.91 0.000 36.91 179.81 9680-72 2.766.05 180.91 0.000 36.91 179.81 9680-72 2.766.05 180.91 0.000 36.91 179.81 9680-72 1.000.000 90.14 179.81 9680-72 1.00														
11,0000 00.14 17581 0.080277 2.786.67 1.297.69 1.655.70 2.776.67 1.297.69 1.655.70 1.297.69 1.655.70 1.297.69 1.655.70 1.297.697.697 1.10000 00.14 17581 0.0002 0.0002 0.0002														
1,1,2000		11,000.00	90.14	179.81	9,680.96	6,595.96	2,696.47	-2,696.95	-159.84	0.00	369,984.08	559,395.80	32°1'1.399687"N	104°8'30.103349"W
11,000														
1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1														
1,000.00 0.14 77.81 0.672-05 0.654-07 2.996.66 3.299.66 3.299.69 1.00 3.99.941 0.99.977 0.979.20019090000 0.14 77.81 0.977-05 0.594-07 0.999.200190000 0.14 77.81 0.977-05 0.594-07 0.999.200190000 0.14 77.81 0.977-05 0.594-07 0.999.200190000 0.14 77.81 0.977-05 0.595-05 0.595-05 0.00 3.696.41 0.999.20019000 0.14 77.81 0.977-05 0.595-05 0.999.20019000 0.14 77.81 0.977-05 0.595-05 0.999.20019000 0.14 77.81 0.977-05 0.595-05 0.999.20019000 0.14 77.81 0.977-05 0.595-05 0.999.20019000 0.14 77.81 0.977-05 0.595-05 0.999.2001900 0.999		11,400.00									369,584.12		32°0'57.441385"N	
1,170,000														
1,1,000.00 0.14 178.81 0,778.81 0,788.71 0,588.71 0,788.20 0,787.20 0,788.20 1,788.20 0,788.20 1,788.2		11,600.00												
12,000 0 0,14 179,81 0,776,00 1,505,00						6,594.07	3,496.46	-3,496.95	-157.24		369,184.15	559,398.39	32°0'53.483083"N	
12,100.00 90.14 179.81 9,678.32 9,396.40 3,786.94 156.27 0.00 386.8418 9,556.399.32 2079.8524771 104780.006827V 124.006.00 90.14 179.81 9,677.60 6,565.23 3,866.40 156.30 0.00 386.841 9,556.20 14.006.20 14.0														
90.14 179.81 9,678.31 3,658.31 3,986.46 3,280.64 155.65 0.0 386.714.31 593.98.96.91 22748.5277777 10753.00527777 179.82 0,0052.00 3,006.45 10.0 50.0 50.0 50.0 50.0 50.0 50.0 50.														
12,000.00 90.14 179.81 9,677.89 6,502.89 1,996.40 -1,956.20 0.00 386,844.20 56,400.01 32°C/48.5530-N 10*F90.0*F97.VP 17.00 0.00 1.00 1.00 1.00 1.00 1.00 1.0		12,100.00		179.81		6,593.36		-3,796.94 -3,896.94				559,399.36	32°0'49.524779"N	
PPPP		12,300.00	90.14	179.81	9,677.89	6,592.89	3,996.46	-3,996.94	-155.62	0.00	368,684.20	559,400.01	32°0'48.535204"N	104°8'30.081170"W
Held 12,466.18 00.14 1798.22 0,677.25 0,692.50 4,192.95 4,193.12 155.08 2.00 388,546.25 0274.6806957.11 107930.077357W 12,500.00 00.14 1798.22 0,677.42 0,552.24 4,196.96 4,196.96 10.00 388,446.25 0,00 388,446.25 0,00 388,446.25 10.00 12,00 0,0 0,0 0,0 0,0 0,0 0,0 0,0 0,0 0,0														
12,000,00 00.14 179.82 0,677.18 0,692.42 1,194.66 -1,196.94 1,154.86 0.00 38,83.42 599.40.08 37.046,5569.77 10 1,176.20 0,777.18 0,692.19 4,296.46 -1,296.94 1,154.86 0.00 38,334.25 594.00.23 37.046,5569.77 10 1,176.20 0,777.18 0,692.19 1,176.20 0,777.18 0														
12,000 00 90.14 179.82 96.77.57 6,592.16 4.296.46 4.296.94 1.54.66 0.00 38.83.94.23 95.040.09 20°C45.56678°N 104°83.0078157°N	Tiold													
12,800.00 90.14 179.82 9,676.27 6,591.71 4,496.46 4,496.94 155.37 100 386.94.25 59.64)167 22704.5572.37 104793.072589*V 12,000.00 90.14 179.82 9,676.27 6,591.23 4,596.46 4,596.94 153.37 10.00 386.94.27 59.64)2.2 22704.558171 104793.06127104 11.00 10.00 10.14 179.82 9,676.27 6,591.23 4,596.46 4,596.94 153.37 10.00 36.75.64 2,596.10 10.00 10.14 179.82 9,676.27 6,590.25 10.00 10.14 179.82 9,676.27 6,590.25 10.00 10.14 179.82 9,676.27 6,590.25 10.00 10.00 10.14 179.82 9,676.27 6,590.25 10.00 10.00 10.14 179.82 9,676.26 6,590.25 10.00 10.00 10.14 179.82 9,676.26 6,590.25 10.00 10.00 10.14 179.82 9,676.26 6,590.25 10.00 10.00 10.00 10.14 179.82 9,676.26 6,590.25 10.00 1		12,600.00	90.14	179.82	9,677.18	6,592.18	4,296.46	-4,296.94	-154.66	0.00	368,384.23	559,400.98	32°0'45.566476"N	104°8'30.076155"W
12,000.00 90.14 179.82 9,876.37 6,591.47 4,596.46 4,596.94 -153.71 0.00 386,084.20 599.401.30 32,0742,597747N 10793,0071270V 13,100.10 50.14 179.82 5,676.20 6,591.23 4,786.46 4,596.94 153.30 0.00 377,984.27 599.402.66 32,7741.61567N 1478.20 5,676.20 6,591.20 4,786.46 4,786.94 153.77 0.00 367,984.27 599.402.66 32,7741.61567N 1478.20 5,676.20 6,591.20 4,786.94														
13,000.00 90.14 179.82 9,676.20 6,591.00 276.66 4,696.64 -153.37 0.00 367,984.27 59,742.25 327041.609171 107930.006917W 13,000.00 90.14 179.82 9,676.20 6,580.75 4,886.46 -4,896.63 -152.12 0.00 367,784.23 59,945.25 327046.81971 107930.006917W 13,000.00 90.14 179.82 9,675.20 6,580.75 5,580.46 5,786.83 -152.12 0.00 367,843.25 59,946.85 227037.886907W 107930.006917W 1079300.006917W 107930.006917W 10														
13,200.00 90.14 179.82 9,675.76 6,590.72 4,886.66 -4,886.63 152.75 0.00 387.784.28 559.402.88 27239.6250187 104783.0063557V 13,000.00 90.14 179.82 9,675.29 6,590.22 5,086.46 -5,086.33 152.12 0.00 387.584.31 559.403.23 27273.6486571 104783.0051278V 13,000.00 90.14 179.82 9,675.29 6,590.20 5,086.46 -5,086.33 152.12 0.00 387.584.31 559.403.23 27273.6486571 104783.0051278V 13,000.00 90.14 179.82 9,675.89 6,590.25 5,086.46 -5,086.33 151.17 0.00 387.584.31 559.404.73 2723.6486571 104783.0051278V 13,000.00 90.14 179.82 9,675.89 6,589.35 5,386.46 -5,386.33 150.85 0.00 387.584.34 559.404.73 2723.6815370 104783.00581278V 140.00									-153.39		367,984.27			
13,300.00 90.14 179.82 9,675.52 6,590.52 4,996.64 5,096.63 152.44 0.00 387,684.30 559,403.20 32738,6394.27) 1047830.0637.287 13,000.00 90.14 179.82 9,675.05 6,590.25 5,186.46 5,186.33 152.12 0.00 387,684.31 559,403.23 22738,6862591 1047830.0631.287 13,000.00 90.14 179.82 9,675.36 6,590.50 5,186.46 5,186.33 151.18 0.00 387,684.31 559,403.23 22738,6862591 1047830.0631.287 13,000.00 90.14 179.82 9,674.34 6,589.34 5,486.46 -5,486.33 150.53 0.00 387,184.35 559,404.73 2733,681.587 1047830.0634.27 140,000.00 90.14 179.82 9,674.36 6,589.53 5,586.46 -5,866.33 150.53 0.00 387,184.35 559,404.73 2733,681.587 1047830.0634.27 140,000.00 90.14 179.82 9,673.36 6,588.85 5,686.46 -5,866.33 150.23 0.00 386,684.37 559,405.73 2703,732,891.10 1047830.053,877 140,000.00 90.14 179.82 9,673.36 6,588.85 5,686.46 -5,866.33 150.23 0.00 386,684.37 559,405.74 2703,732,281.10 1047830.053,877 140,000.00 90.14 179.82 9,673.36 6,588.85 5,686.46 -5,866.33 150.23 0.00 386,684.37 559,405.74 2703,732,281.10 1047830.053,877 140,000 90.14 179.82 9,673.35 6,588.35 5,586.46 -5,866.33 150.23 0.00 386,684.37 559,405.74 2703,732,281.10 1047830.053,877 140,000 90.14 179.82 9,672.28 6,585.85 5,586.46 -5,866.33 140,900 0.00 386,684.47 259,405.74 2703,732,281.10 1047830.053,877 140,000 90.14 179.82 9,672.28 6,587.58 6,586.34 9,596.33 148,94 0.00 386,684.47 559,406.37 2702,732,732,778 1047830.053,737 144,94 0.00 90.14 179.82 9,672.28 6,587.58 6,587.42 6,589.63 148,93 0.00 386,684.47 559,406.37 2702,734,735,778 144,94 0.00 90.14 179.82 9,672.28 6,587.58 6,587.42 6,589.63 148,93 0.00 386,684.47 559,406.69 2702,734,735,778 144,94 0.00 90.14 179.82 9,672.28 6,587.58 6,587.42 148,33 0.00 386,684.47 559,406.69 2702,734,735,778 144,94 0.00 90.14 179.82 9,672.28 6,587.58 6,587.42 148,33 0.00 386,684.47 559,406.69 2702,734,957,744 144,94 0.00 90.14 179.82 9,672.28 6,587.58 6,587.42 6,589.63 144,83 0.00 386,684.47 559,406.69 2702,734,957,744,957,744,957,744,957,744,957,744,957,744,957,744,957,744,957,744,957,744,957,744,957,744,957,744,957,744,957,744,957,744,957,744,95														
13,400.00 90.14 179.82 9,675.29 6,590.29 5,096.46 -5,096.39 1-512.12 0.00 367,584.31 595,405.52 32***037,648685***N 104**30.06132**N** 13,600.00 90.14 179.82 9,674.81 6,596.81 5,296.46 -5,296.39 1-16,148**O 0.00 367,584.32 559,401.61 32***035,6707**N 104**30.061897**N 13,600.00 90.14 179.82 9,674.81 6,596.81 5,296.46 -5,296.39 1-16,148**O 0.00 367,584.33 559,401.61 32***035,6707**N 104**30.061897**N 13,000.00 90.14 179.82 9,674.81 6,586.81 5,596.46 -5,596.39 1-16,055**O 0.00 367,684.33 559,401.61 32***035,6707**N 104**30.061897**N 14,000.00 90.14 179.82 9,674.81 6,586.81 5,596.46 -5,596.39 1-16,055**O 0.00 367,684.35 559,40.79 32***O 0.00 366,884.37 559,40.79 32***O 0.00 366,884.37 559,40.79 32***O 0.00 366,884.37 559,40.79 32***O 0.00 366,884.37 559,40.79 32***O 0.00 366,884.39 55														
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13,800.00 90.14 179.82 9,674.34 6,589.34 5,486.46 -5,496.93 -150.65 0.00 367,184.35 6594.079 3273.85165971 104°530.056487W 14,000.00 90.14 179.82 9,673.63 6,588.86 5,5768.36 1-150.65 0.00 366,984.37 559.64 1-140.00 90.14 179.82 9,673.63 6,588.86 5,769.64 -5,596.93 1-150.21 0.00 366,984.37 559.64 1-140.00 90.14 179.82 9,673.63 6,588.86 5,769.64 1-140.00 90.14 179.82 9,673.35 6,588.35 5,769.64 1-140.00 90.14 179.82 9,673.35 6,588.35 5,769.64 1-140.00 90.14 179.82 9,673.35 6,588.35 5,769.64 1-140.00 90.14 179.82 9,673.35 6,588.35 5,769.64 1-140.00 90.14 179.82 9,673.35 6,588.35 5,769.64 1-140.00 90.14 179.82 9,672.36 6,589.37 1-140.00 90.14 179.82 9,672.36 6,589.37 1-140.00 90.14 179.82 9,672.36 9,672.36 1-140.00 90.14 179.82 9,672.36 1-140.00 90.14 179.82 9,672.36 9,682.30 9,672.36 1-140.00 90.14 179.86 9,670.30 90.14 179.86 9,670.30 90.14 179.86 9,670.30 90.14 179.86 9,670.30 90.14 179.86 9,670.30 90.14 179.86 9,670.30 90.14 179.86 9,670.30 90.14 179.86 9,670.30 90.14 179.86 9,670.30 90.14 179.86 9,670.30 90.14 179.86 9,670.30 90.14 179.86 9,670.30 90.14 179.86 9,670.30														
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14,100.00 90.14 179.82 9,673.83 6,588.63 5,796.46 -5,796.93 -149.90 0.00 366,884.38 559,405.74 32°030,0572829** 104*830,051728** 14,200.00 90.14 179.82 9,673.15 6,588.15 5,996.46 -5,996.93 -149.26 0.00 366,784.35 559,405.63 22°022,732456** 104*830,051728** 14,400.00 90.14 179.82 9,677.22 6,587.92 6,068.4 -6,096.93 -149.26 0.00 366,584.15 559,405.63 22°022,732456** 104*830,051728** 14,500.00 90.14 179.82 9,677.28 6,587.84 6,286.4 -1,485.31 0.00 366,584.1 559,405.6 3 22°022,773456** 104*830,051728** 14,500.00 90.14 179.82 9,677.24 6,587.24 6,587.4 6,286.4 -1,485.31 0.00 366,384.1 559,407.01 32°025,77456** 104*830,048171** 14,700.00 90.14 179.82 9,677.24 6,587.24 6,286.4 4,286.92 -148.31 0.00 366,384.1 559,407.01 32°025,77456** 104*830,04815** 14,700.00 90.14 179.82 9,677.24 6,587.24 6,286.4 4,386.92 -147.94 0.00 366,384.1 559,407.01 32°025,77456** 104*830,04815** 14,700.00 90.14 179.82 9,677.25 6,587.21 6,386.4 4,589.62 -147.94 0.00 366,384.1 559,407.23 22°022,87356** 104*830,0415** 14,700.00 90.14 179.82 9,677.26 6,586.49 6,586.6 6,586.8 4 4,586.9 2 -147.94 0.00 366,084.6 559,408.6 2 32°022,886.4 104*830,0415** 15,100.00 90.14 179.82 9,677.26 6,586.26 6,586.2 6,586.2 6,586.2 147.04 0.00 365,884.9 559,408.8 22°022,886.2 147.9 15,100.00 90.14 179.8 2 9,677.26 6,586.2 6,586.2 6,586.2 6,586.2 147.04 0.00 365,887.3 559,409.0 32°022,887123** 104*830,03500** 15,100.00 90.14 179.8 9,677.10 6,586.2 6,586.2 6,586.2 6,586.2 147.5 6,		13,900.00	90.14	179.82	9,674.10	6,589.10	5,596.46	-5,596.93	-150.53	0.00	367,084.36	559,405.10	32°0'32.701983"N	104°8'30.054985"W
14,200.00 90.14 179.82 9,673.39 6,588.39 5,586.46 -5,969.39 -149.58 0.00 36,674.39 559,406.08 227027,3252571 104*330,061071W 14,400.00 90.14 179.82 9,677.92 6,587.92 6,587.92 6,096.46 -6,969.93 -148.94 0.00 366,584.41 559,406.69 327027,754969*N 104*350,0468247W 14,500.00 90.14 179.82 9,677.29 6,587.68 6,196.46 -6,196.92 -148.63 0.00 366,584.41 559,407.01 559,407.31 22702,7754969*N 104*350,0468247W 14,500.00 90.14 179.82 9,677.21 6,587.21 6,396.46 -4,396.92 -147.67 0.00 366,384.3 559,407.33 32702,774965*N 104*350,04585*W 14,500.00 90.14 179.82 9,677.21 6,586.57 16,496.46 -4,396.92 -147.67 0.00 366,184.44 559,407.38 32702,775496*N 104*350,04585*W 14,500.00 90.14 179.82 9,671.73 6,586.57 16,496.46 -4,596.92 -147.67 0.00 366,184.44 559,407.86 559,408.20 32702,757595*N 104*350,04535*W 14,500.00 90.14 179.82 9,671.73 6,586.57 6,686.68 -6,596.92 -147.67 0.00 366,084.5 559,408.20 32702,757595*N 104*350,04535*W 14,500.00 90.14 179.82 9,671.49 6,586.86 6,566.87 6,566.87 4,566.89 -147.73 6,000 366,084.5 559,408.20 32702,757595*N 104*350,04535*W 14,500.00 90.14 179.82 9,671.49 6,586.86 6,566.87 6,766.92 -147.04 0.00 366,084.6 559,408.80 32702,757595*N 104*350,04535*W 14,500.00 90.14 179.82 9,671.49 6,586.26 6,768.46 4,769.92 -147.70 0.00 366,084.6 559,408.80 32702,757595*N 104*350,04535*W 14,500.00 90.14 179.82 9,671.26 6,586.26 6,768.26 4,768.40 4,769.20 4,769											366,984.37			
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14,400,00 90.14 179.82 9,672.92 6,587.92 6,096.46 4,096.93 -148.94 0.00 366,584.21 559,407.01 559,007.01 104*530.04582*W 14,500.00 90.14 179.82 9,672.24 6,587.46 6,296.46 4,296.92 -148.63 0.00 366,384.3 559,407.33 32*025.774945*N 104*530.04585*W 14,700.00 90.14 179.82 9,677.21 6,586.71 6,596.46 4,296.92 -147.67 0.00 366,284.45 559,407.01 559,407.01 104*530.04585*W 14,800.00 90.14 179.82 9,671.97 6,586.97 6,486.46 4,596.92 -147.67 0.00 366,184.44 559,407.86 22*022.787585*N 104*530.04585*W 14,900.00 90.14 179.82 9,671.73 6,586.73 6,586.46 4,596.92 -147.67 0.00 366,084.56 559,402.83 20*022.72.787587*N 104*530.04535*W 14,900.00 90.14 179.82 9,671.49 6,586.86 6,566.87 6,586.		14,300.00	90.14			6,588.15	5,996.46	-5,996.93	-149.26	0.00	366,684.40	559,406.37	32°0'28.743676"N	104°8'30.048471"W
14,600,00 90.14 179.82 9,672.21 6,587.41 6,296.46 4,236.92 147.99 0.00 366,384.43 559,407.33 32**\text{0.773}\$ 32*\text{0.773}\$ 7,794.65*\text{0.774}\$ 14,800.00 90.14 179.82 9,671.73 6,586.97 6,486.46 4,386.92 147.67 0.00 366,184.44 559,407.6		14,400.00									366,584.41			
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15,000.00 90.14 179.82 9,671.49 6,586.49 6,696.45 -6,796.92 -147.70 0.00 365,884.76 559,408.80 32***\text{0.75}\$\text{0.65}\$\text{0.75}\$\t		14,800.00	90.14	179.82	9,671.97	6,586.97	6,496.46	-6,496.92	-147.67	0.00	366,184.44	559,407.96	32°0'23.795791"N	104°8'30.040328"W
MP, Tum 2*/100ft														
MP, Tum 27/100th 15,124,25 90.14 179.82 9,671.20 6,586.20 6,820.70 -6,823.47 -146,64 0.00 365,879.33 559,409.00 320°220,871237N 104°830,035048°W Holds to TD 15,286.55 90.14 179.86 9,671.19 6,586.19 6,820.4 -6,823.47 -146,64 0.00 365,879.33 559,409.00 220°220,8787237N 104°830,035048°W 15,200.00 90.14 179.86 9,670.77 6,586.01 6,886.45 -6,986.92 -146,46 0.00 365,874.48 559,409.17 22°019,8737427N 104°830,035045°W 15,400.00 90.14 179.86 9,670.52 6,585.57 6,986.45 -7,986.92 -146,22 0.00 365,884.93 559,409.00 559,409.41 32°019,8737427N 104°830,035055°W 15,500.00 90.14 179.86 9,670.52 6,585.57 7,986.45 -7,786.92 -145.25 0.00 365,844.95 559,409.81 22°019,8737427N 104°830,035055°W 15,500.00 90.14 179.86 9,670.02 6,585.73 7,986.45 -7,786.92 -145.75 0.00 365,844.51 559,409.85 32°016,887847N 104°830,035059°W 15,500.00 90.14 179.86 9,670.02 6,585.73 7,786.45 -7,786.92 -145.75 0.00 365,284.52 559,410.12 32°016,878747N 104°830,03595°W 15,500.00 90.14 179.86 9,689.29 6,584.78 7,786.45 -7,786.92 -145.75 0.00 365,284.52 559,410.12 32°016,878747N 104°830,03595°W 15,500.00 90.14 179.86 9,689.29 6,584.29 7,786.45 -7,786.92 -145.75 0.00 365,284.52 559,410.12 32°016,878747N 104°830,03595°W 15,500.00 90.14 179.86 9,689.29 6,584.29 7,786.45 -7,786.92 -145.75 0.00 365,284.55 559,410.12 32°016,878747N 104°830,03595°W 16,500.00 90.14 179.86 9,688.29 6,584.29 7,786.45 -7,786.92 -144.50 0.00 365,284.55 559,410.84 32°012,014367N 104°830,03595°W 16,500.00 90.14 179.86 9,688.29 6,583.29 7,786.45 -7,786.91 -144.52 0.00 364,884.65 559,411.31 32°010,321260°N 104°830,02575°W 16,500.00 90.14 179.86 9,686.29 6,586.29 8,786.29 8,786.91 -144.58 0.00 346,884.65 559,411.31 32°010,321260°N 104°830,02575°W 16,500.00 90.14 179.86 9,666.20 6,582.50 8,786.85 4,786.91 -144.58 0.00 346,884.65 559,411.31 32°010,321260°N 104°830,02575°W 16,500.00 90.14 179.86 9,666.20 6,582.50 8,786.50 4,886.91 -144.58 0.00 346,884.65 559,412.20 32°09,87675°M 104°830,02575°W 16,500.00 90.14 179.86 9,666.20 6,582.50 8,866.50 4,866.50 4,866.50 4,866.50 4,866.50 4,866.50 4,866.50 4,										0.00	365,984.46 365,884.47			
15,200.00 90.14 179.86 9,671.01 6,586.01 6,886.45 4,896.92 -146.26 0.00 365,684.96 559,409.17 22°019.837462°N 104°830.034502°N 15,400.00 90.14 179.86 9,670.57 6,585.27 7,196.45 7,096.92 -146.29 0.00 365,684.95 559,409.41 504°830.034502°N 15,500.00 90.14 179.86 9,670.27 6,585.52 7,796.45 7,796.92 -145.75 0.00 365,844.95 559,409.41 559,409.81 559,409.41 104°830.033503°N 15,500.00 90.14 179.86 9,670.02 6,585.27 7,196.45 7,296.92 -145.75 0.00 365,844.51 559,409.88 22°017.858326°N 104°830.033503°N 15,500.00 90.14 179.86 9,687.03 6,585.03 7,286.45 7,286.92 -145.57 0.00 365,844.51 559,409.88 22°017.858326°N 104°830.033503°N 15,500.00 90.14 179.86 9,689.78 6,584.78 7,386.92 -145.27 0.00 365,284.53 559,410.18 22°015.858326°N 104°830.033503°N 15,500.00 90.14 179.86 9,689.78 6,584.53 7,786.45 7,786.92 -145.27 0.00 365,284.53 559,410.18 22°015.858326°N 104°830.033503°N 15,500.00 90.14 179.86 9,686.35 6,584.53 7,786.45 7,786.92 -145.27 0.00 365,284.53 559,410.10 22°013.850014°N 104°830.033503°N 16,500.00 90.14 179.86 9,686.35 6,584.53 7,786.45 7,786.92 -144.52 0.00 365,284.53 559,410.00 22°013.850014°N 104°830.032503°N 16,500.00 90.14 179.86 9,686.79 6,583.79 7,786.45 7,786.91 -144.52 0.00 364.884.57 559,411.31 32°010.33250°N 104°830.03251°N 16,500.00 90.14 179.86 9,686.79 6,583.30 7,786.45 7,896.91 -144.32 0.00 364.884.57 559,411.31 32°010.31250°N 104°830.02517°N 16,500.00 90.14 179.86 9,686.30 6,583.30 7,996.45 7,996.91 -144.385 0.00 364.884.59 559,411.51 32°019.35250.02527°N 16,500.00 90.14 179.86 9,667.50 6,582.50 8,886.50 8,896.50 8,	MP, Turn 2°/100ft	15,124.25	90.14	179.82	9,671.20	6,586.20	6,820.70	-6,821.17	-146.64	0.00	365,860.23	559,408.99	32°0'20.587123"N	104°8'30.035048"W
15,300.00 90.14 179.86 9,670.77 6,585.77 6,996.45 4,996.92 146.22 0.00 365,684.94 559,409.41 32°0718,4790.47 104°830,033802°W 15,500.00 90.14 179.86 9,670.27 6,585.27 7,968.45 7,709.69 2 145.75 0.00 365,684.51 559,409.65 559,409.65 104°830,033802°W 15,500.00 90.14 179.86 9,670.27 6,585.27 7,196.45 7,196.92 145.75 0.00 365,384.52 559,409.65 559,409.65 15,500.00 19.14 179.86 9,669.78 1,500.00 90.14 179.86 9,669.78 1,500.00 90.14 179.86 9,669.78 1,500.00 90.14 179.86 9,669.78 1,500.00 90.14 179.86 9,669.78 1,500.00 90.14 179.86 9,669.29 1,500.29 1,500.00 90.14 179.86 9,669.29 1,500.29 1,500.29 1,500.29 1,500.29 1,500.00 90.14 179.86 9,669.29 1,500.29 1,50	Hold to TD												32°0'20.564354"N	
15,400,00 90.14 179.86 9,670.52 6,585.52 7,796.45 7,796.92 -145.75 0.00 365,845.15 559,409.85 22*071.85832e*N 104*830.33399*N 15,500.00 90.14 179.86 9,670.27 6,585.27 7,196.92 -145.75 0.00 365,845.15 559,409.88 22*071.85832e*N 104*830.33399*N 15,500.00 90.14 179.86 9,670.03 6,585.03 7,296.45 7,296.92 -145.75 0.00 365,845.15 559,409.88 22*071.85832e*N 104*830.33399*N 15,500.00 90.14 179.86 9,669.78 6,584.78 7,396.92 -145.27 0.00 365,284.53 559,410.12 32*071.858932*N 104*830.33399*N 15,500.00 90.14 179.86 9,669.25 6,584.53 7,786.85 7,786.95 -145.27 0.00 365,284.53 559,410.13 32*071.858932*N 104*830.03399*N 15,500.00 90.14 179.86 9,668.29 6,584.29 7,596.82 -145.20 0.00 365,084.55 659,410.60 32*071.858932*N 104*830.03399*N 16,500.00 90.14 179.86 9,668.29 6,585.39 7,796.45 -7,786.91 -144.82 0.00 365,084.55 659,410.60 32*071.858932*N 104*830.03399*N 16,500.00 90.14 179.86 9,668.79 6,583.94 7,796.45 -7,786.91 -144.82 0.00 365,084.55 659,410.60 32*071.858932*N 104*830.03399*N 16,500.00 90.14 179.86 9,668.30 6,583.30 7,996.45 -7,986.91 -144.85 0.00 364,784.89 559,411.31 32*079.031280*N 104*830.02377*N 16,400.00 90.14 179.86 9,668.30 6,583.30 7,996.45 -7,986.91 -143.85 0.00 364,784.89 559,411.31 32*079.031280*N 104*830.02377*N 16,400.00 90.14 179.86 9,668.20 6,583.20 7,996.45 -7,986.91 -143.85 0.00 364,784.89 559,411.31 32*079.031280*N 104*830.02377*N 16,400.00 90.14 179.86 9,667.50 6,582.20 8,196.45 -8,969.91 -143.81 0.00 364,784.89 559,411.31 32*079.031280*N 104*830.02378*N 16,600.00 90.14 179.86 9,667.50 6,582.20 8,196.45 -4,269.91 -143.37 0.00 364,784.89 559,412.20 32*079.8952574*N 104*830.023599*N 16,600.00 90.14 179.86 9,667.50 6,582.20 8,196.45 -4,269.91 -143.31 0.00 364,784.89 559,412.20 32*09.89320*N 104*830.023599*N 16,600.00 90.14 179.86 9,667.50 6,582.20 8,196.45 -4,269.91 -143.31 0.00 364,784.89 559,412.20 32*09.89320*N 104*830.023599*N 16,600.00 90.14 179.86 9,667.50 6,582.20 8,196.45 4,369.91 -143.81 0.00 364,884.61 559,412.20 32*09.89320*N 104*830.023599*N 16,600.00 90.14 179.86 9,666.75 6,582.50 8,586.20														
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15,900.00 90.14 179.86 9,686.29 6,584.29 7,596.45 7,596.92 -144.80 0.00 365,084.55 559,41.08 32°012-01045°N 104°830,025881°N 16,000.00 90.14 179.86 9,686.76 6,583.79 7,796.45 7,796.91 -144.52 0.00 364,884.56 559,41.07 559,41.13 32°013-220881°N 16,200.00 90.14 179.86 9,686.79 6,583.79 7,796.45 7,796.91 -144.85 0.00 364,884.56 559,41.10 32°019-320207N 104°830,02817°N 16,200.00 90.14 179.86 9,686.30 6,583.30 7,996.45 7,996.91 -143.85 0.00 364,884.56 559,41.10 32°019-320207N 104°830,02817°N 16,400.00 90.14 179.86 9,686.30 6,583.30 7,996.45 7,996.91 -143.85 0.00 364,884.50 559,41.12 32°09-327020 104°830,028717°N 16,500.00 90.14 179.86 9,687.30 6,582.50 8,986.45 4,986.91 -143.87 0.00 364,884.50 559,41.20 32°09-387020 104°830,0287010 104°80,0027010 104°														
16,100.00 90.14 179.86 9,668.79 6,583.79 7,766.45 -7,796.91 -144.32 0.00 364,884.57 559.41.13 22°01.0321280°N 104°830.028177′W 16,200.00 90.14 179.86 9,668.54 6,586.34 7,896.45 -7,896.91 -144.88 0.00 364,784.58 559.41.15 520°9.31720°N 104°830.028177′W 16,300.00 90.14 179.86 9,668.30 6,583.30 7,996.45 -7,996.91 -143.88 0.00 364,864.59 559.41.179 22°08.956124°N 104°830.028778′W 16,500.00 90.14 179.86 9,667.50 6,582.80 8,196.45 -43,969.91 -143.37 0.00 364,884.61 559.41.25 559.41.25 32°08.3279.852528°N 104°830.02878′W 16,700.00 90.14 179.86 9,667.50 6,582.50 8,296.45 -43,969.91 -143.37 0.00 364,884.61 559.41.25 559.41.25 32°08.32878′W 16,700.00 90.14 179.86 9,667.50 6,582.50 8,296.45 -43,869.91 -143.37 0.00 364,384.62 559.41.25 32°08.32878′W 16,700.00 90.14 179.86 9,667.50 6,582.50 8,296.45 -43,869.91 -142.86 0.00 364,286.62 559.41.22 32°08.33810°N 104°830.02589′W 16,700.00 90.14 179.86 9,666.32 6,581.22 8,596.45 -43,869.91 -142.86 0.00 364,086.62 559.41.27 32°08.33810°N 104°830.02589′W 16,700.00 90.14 179.86 9,666.32 6,581.22 8,596.45 -43,869.91 -142.86 0.00 364,086.62 559.41.27 32°08.33810°N 104°830.02589′W 16,700.00 90.14 179.86 9,666.32 6,581.22 8,596.45 -43,869.91 -142.86 0.00 364,086.62 559.41.27 32°08.793810°N 104°830.02589′W 16,700.00 90.14 179.86 9,666.32 6,581.28 8,596.45 -43,869.91 -142.86 0.00 364,086.62 559.41.27 32°08.793810°N 104°830.02589′W 16,700.00 90.14 179.86 9,666.32 6,581.28 8,766.45 -8,569.91 -144.19 0.00 363,884.66 559.41.32 32°08.2793.016830.023727′W 17,000.00 90.14 179.86 9,666.32 6,581.32 8,796.45 -8,769.91 -144.19 0.00 363,884.66 559,413.69 32°09.035496°N 104°830.02146°W 17,700.00 90.14 179.86 9,666.32 6,581.32 8,796.45 -8,769.91 -144.19 0.00 363,884.66 559,413.69 32°09.035496°N 104°830.02146°W 17,700.00 90.14 179.86 9,666.32 6,581.32 8,796.45 -8,796.91 -144.19 0.00 363,884.66 559,413.69 32°09.035496°N 104°830.02146°W 17,700.00 90.14 179.86 9,666.32 6,581.32 8,796.45 8,796.91 -144.19 0.00 363,884.66 559,413.69 32°09.035496°N 104°830.02146°W 17,700.00 90.14 179.86 9,666.32 6,581.32 8,796.									-144.80					
16,200.00 90.14 179.86 9,686.54 6,583.54 7,896.45 7,896.91 144.08 0.00 364,784.58 559,411.55 32°0.9417027N 104°830.027474'W 16,300.00 90.14 179.86 9,686.30 6,583.05 7,996.91 143.85 0.00 364,684.50 559,412.02 32°0.9.592245'N 104°830.027680'N 16,500.00 90.14 179.86 9,687.00 6,582.06 8,996.45 4,969.91 143.31 0.00 364,884.61 559,412.02 32°0.9.592545'N 104°830.02668'N 16,700.00 90.14 179.86 9,667.50 6,582.56 8,296.45 4,296.91 143.31 0.00 364,384.62 559,412.50 32°0.9.592565'N 104°830.025689'N 16,700.00 90.14 179.86 9,667.31 6,582.61 8,296.45 4,396.91 142.26 0.00 364,284.61 559,412.50 32°0.9.59369'N 104°830.025689'N 16,800.00 90.14 179.86 9,667.00 6,582.61 8,496.45 4,896.91 142.26 0.00 364,284.61 559,412.20 32°0.9.59369'N 104°830.0236289'N 16,900.00 90.14 179.86 9,667.00 6,582.60 8,496.45 4,896.91 142.26 0.00 364,084.64 559,412.21 32°0.9.409369'N 104°830.0232587'N 16,900.00 90.14 179.86 9,666.72 6,581.75 8,622.08 4,825.45 142.36 0.00 364,086.65 559,413.27 32°0.7.610247'N 104°830.0232587'N 17,000.00 90.14 179.86 9,666.75 6,581.75 8,622.08 4,825.45 142.36 0.00 364,086.65 559,413.27 32°0.2.7610247'N 104°830.023257'N 17,000.00 90.14 179.86 9,666.75 6,581.75 8,622.08 4,869.91 141.94 0.00 363,384.66 559,413.69 32°0.023699'N 104°830.023127'N 17,000.00 90.14 179.86 9,666.32 6,581.32 8,796.45 4,796.91 141.19 0.00 363,384.65 559,413.69 32°0.023699'N 104°830.023127'N 17,000.00 90.14 179.86 9,666.32 6,581.32 8,796.45 4,796.91 141.19 0.00 363,384.65 559,413.69 32°0.036599'N 104°830.023127'N 17,000.00 90.14 179.86 9,666.32 6,581.32 8,796.45 4,796.91 141.19 0.00 363,384.65 559,413.69 32°0.036599'N 104°830.023127'N 17,000.00 90.14 179.86 9,666.32 6,581.32 8,796.45		16,000.00	90.14	179.86	9,669.04	6,584.04	7,696.45	-7,696.91	-144.56	0.00	364,984.56	559,411.07	32°0'11.920858"N	104°8'30.028881"W
16,300.00 90.14 179.86 9,686.30 6,583.30 7,996.45 7,996.91 -143.85 0.00 346,846.89 559,411.79 32°0.852124*N 104*830,025078*W 16,500.00 90.14 179.86 9,667.50 6,582.50 8,196.45 43,196.91 -143.81 0.00 346,584.60 559,412.02 32°0.852524*N 104*830,025088*W 16,500.00 90.14 179.86 9,667.50 6,582.60 8,196.45 43,196.91 -143.37 0.00 346,484.61 559,412.26 32°0.5827358*W 16,700.00 90.14 179.86 9,667.50 6,582.60 8,296.45 43,969.91 -143.13 0.00 346,384.62 559,412.50 559,412.50 32°0.58358*W 16,700.00 90.14 179.86 9,667.31 6,582.21 8,396.45 43,969.91 -142.89 0.00 346,284.63 559,412.74 32°0.938310*N 104*830,025395*W 16,700.00 90.14 179.86 9,667.31 6,582.21 8,396.45 43,969.91 -142.89 0.00 346,184.64 559,412.43 32°0.938310*N 104*830,025395*W 16,700.00 90.14 179.86 9,666.76 6,581.25 8,582.68 43,869.91 -142.89 0.00 346,184.64 559,412.30 559,412.50 32°0.959385*W 16,700.00 90.14 179.86 9,666.76 6,581.75 8,692.08 43,682.54 43,680.91 -142.80 0.00 346,184.64 559,412.30 32°0.04376*W 104*830,025395*W 16,700.00 90.14 179.86 9,666.75 6,581.75 8,692.08 43,692.54 44.86.91 0.00 346,186.46 559,413.21 32°0.276,0243270*W 104*830,0253270*W 17,700.00 90.14 179.86 9,666.32 8,796.45 43,796.91 -141.94 0.00 383,384.66 559,413.89 32°0.065496*N 104*830,021346*W 17,700.00 90.14 179.86 9,666.32 6,581.32 8,796.45 43,796.91 -141.94 0.00 383,384.66 559,413.89 32°0.065496*N 104*830,021346*W 17,700.00 90.14 179.86 9,666.32 6,581.32 8,796.45 43,796.91 -141.94 0.00 383,384.65 559,413.89 32°0.065496*N 104*830,02146*W 17,700.00 90.14 179.86 9,666.32 6,581.32 8,796.45 43,796.91 -141.19 0.00 383,384.65 559,413.89 32°0.065496*N 104*830,02146*W 17,700.00 90.14 179.86 9,666.32 6,581.32 8,796.45 43,796.91 -141.19 0.00 383,384.65 559,413.89 32°0.065496*N 104*830,02146*W 17,700.00 90.14 179.86 9,666.05 6,581.88 8,796.45 43,796.91 -141.19 0.00 383,384.65 559,413.89 32°0.065496*N 104*830,02146*W 17,700.00 90.14 179.86 9,666.05 6,581.28 8,796.45 43,796.91 -141.19 0.00 383,384.65 559,413.89 32°0.065496*N 104*830,02146*W 17,700.00 90.14 179.86 9,666.05 6,581.88 8,796.45 43,796.9														
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16,700.00 90.14 179.86 9,667.31 6,582.31 8,396.45 4,396.91 142,88 0.00 342,846.33 559.412.74 32°04,903310*1 104°330.02359*W 16,800.00 90.14 179.86 9,666.76 6,581.20 8,966.45 4,8466.19 1-42,26 0.00 346,184.64 559.412.93 32°04,004232*N 104°330.02359*W 16,926.53 90.14 179.86 9,666.82 6,581.82 8,956.45 4,866.91 142,42 0.00 346,184.64 559,412.31 32°03,01465*N 104°330.023553*W 16,926.53 90.14 179.86 9,666.75 6,581.75 8,052.08 4,856.25 142,23 0.00 346,084.64 559,413.21 32°03,01465*N 104°330.023573*W 17,000.00 90.14 179.86 9,666.32 6,581.32 8,766.45 4,869.91 142,18 0.00 343,984.65 559,413.25 32°02,025076*104*N 104°330.023578*W 17,100.00 90.14 179.86 9,666.32 6,581.32 8,766.45 4,869.91 142,19 0.00 343,984.65 559,413.65 559,413.45 32°02,025976*N 104°350.02146*W 17,100.00 90.14 179.86 9,666.32 6,581.32 8,766.45 4,869.91 141,19 0.00 343,984.65 559,413.69 32°02,035996*N 104°350.02146*W 17,100.00 90.14 179.86 9,666.32 6,581.32 8,766.45 4,869.91 141,19 0.00 343,984.65 559,413.69 32°02,035996*N 104°350.02146*W 17,100.00 90.14 179.86 9,666.32 6,581.32 8,766.45 4,869.91 141,19 0.00 343,984.65 559,413.69 32°02,035996*N 104°350.02146*W 17,100.00 90.14 179.86 9,066.08 6,581.88 8,966.98 4,869.91 141,19 0.00 343,984.65 559,413.69 32°02,035996*N 104°350.02146*W 17,100.00 90.14 179.86 9,066.08 6,581.88 8,969.48 4,869.91 141,19 0.00 343,984.65 559,413.69 32°02,035996*N 104°350.02146*W 17,100.00 90.14 179.86 9,066.08 6,581.88 8,969.81 141,19 0.00 343,984.65 559,413.99 32°02,035996*N 104°350.02146*W 17,100.00 90.14 179.86 9,066.08 6,581.88 8,969.81 141,19 0.00 343,984.65 559,413.99 32°02,035996*N 104°350.02146*W 17,100.00 90.14 179.86 9,066.08 6,581.88 8,969.81 141,19 0.00 343,984.66 559,413.99 32°02,035996*N 104°350.02146*W 17,100.00 90.14 141,19 0.00 343,984.65 559,413.99 32°02,035996*N 104°350.02146*W 17,100.00 90.14 179.86 9,066.08 6,060.88 8,060.88									-143.37	0.00	364,484.61			
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16,900.00 90.14 179.86 9,666.82 6,581.82 8,596.45 -8,569.91 -142.42 0.00 346,086.46 559.413.21 32°03.014653*N 104°830.022553*W LTP Cross 16,925.83 90.14 179.86 9,666.75 6,581.75 8,692.40 -8,622.54 -142.18 0.00 364,059.02 559,413.21 32°02.761024*N 104°830.022572*W 17,000.00 90.14 179.86 9,666.57 6,581.57 8,696.45 -8,696.91 -142.18 0.00 363,984.65 559,413.35 32°02.02575*N 104°830.022372*W 17,100.00 90.14 179.86 9,666.32 6,581.32 8,796.45 -8,796.91 -141.94 0.00 363,884.66 559,413.95 32°01.035496*N 104°830.02146*W 17,200.00 90.14 179.86 9,666.08 6,580.18 8,896.45 -8,896.91 -141.71 0.00 363,784.67 559,413.93 32°01.035496*N 104°830.02116*W 17,200.00 90.14 179.86 9,666.08 6,580.18 8,896.45 -8,896.91 -141.71 0.00 363,784.67 559,413.93 32°01.035496*N 104°830.02116*W						6,582.06	8,496.45		-142.66		364,184.64	559,412.98	32°0'4.004232"N	
17,000.00 90.14 179.86 9,666.57 6,581.57 8,696.45 -9,696.91 -142.18 0.00 363,984.65 559,413.45 32°02.025075°N 104°830.021849°W 17,100.00 90.14 179.86 9,666.32 6,591.28 2,876.45 -9,796.91 -141.94 0.00 363,984.66 559,413.93 32°01.03496°N 104°830.021849°W 17,200.00 90.14 179.86 9,666.08 6,581.08 8,986.45 -8,896.91 -141.71 0.00 363,784.67 559,413.93 32°01.03499°N 104°830.02143°W		16,900.00	90.14	179.86	9,666.82	6,581.82	8,596.45	-8,596.91	-142.42	0.00	364,084.64	559,413.21	32°0'3.014653"N	104°8'30.022553"W
17,100.00 90.14 179.86 9.666.32 6.581.32 8,796.45 4,796.91 -141.94 0.00 383,884.66 559,413.69 32°01.035496°N 104°850.02*1146°W 17,200.00 90.14 179.86 9.666.08 6.581.08 8,896.45 4,896.91 -141.71 0.00 383,784.67 559,413.93 32°00.04591″N 104°850.02*1046°W	LTP Cross													
17,200.00 90.14 179.86 9,666.08 6,581.08 8,896.45 -8,896.91 -141.71 0.00 363,784.67 559,413.93 32°0'0.045917'N 104°8'30.020443"W														
	Jim Beam 25 36 State Com No.													

Survey Type:

Def Plan

survey Error Model: ISCWSA0 3 sigm

Survey Program:

Description

Part

(ft)

0.000 17,230.676 1/100.00025 – 8.75 – 6.1253.625 – 7 – 6.125 B001Mb_MWD+HRGM 07Jun23

OU Geometry:

End MD (ft)	Hole Size (in)	Casing Size (in)	Name
364.000	17.500	13.375	
2,233.691	12.250	9.625	
8,488.635	8.750	7.000	
47,000,070	0.405		

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: Che	vron USA_		OGRID:	<u>4323</u>		Date: <u>06 / 13 / 23</u>					
II. Type: ⊠ Original □ A	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: _	f Other, please describe:										
III. Well(s): Provide the fobe recompleted from a sing					wells proposed to	be drilled or proposed to					
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	Completion	Initial Flow	First Production
			Date	Commencement Date	Back Date	Date
JIM BEAM 25 3	6 Pending	May 2025	N/A	N/A	N/A	N/A
STATE COM 540H						
JIM BEAM 25 3	6 Pending	May 2025	N/A	N/A	N/A	N/A
STATE COM 640H						

Page 1 of 5

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

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 \square will \square 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 🗀 doe	es not anticipate that its	existing well(s) conne	ected to the same segme	ent, or portion,	of the
natural gas gathering system(s) described above	ve will continue to meet	t anticipated increases	s in line pressure caused	by the new we	ell(s).

	A 1 .	O 4 3	1 4	1 4	• ,	4 .	1 1'
ш	Attach	Operator's n	olan to manage	production	in response to	the increase	d 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.

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(i)

Section 3 - Certifications <u>Effective May 25, 2021</u>

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: power generation on lease; (a) **(b)** power generation for grid; compression on lease; (c) (d) liquids removal on lease; reinjection for underground storage; (e) **(f)** reinjection for temporary storage; **(g)** reinjection for enhanced oil recovery; fuel cell production; and (h)

Section 4 - Notices

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

other alternative beneficial uses approved by the division.

- (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:

JIM BEAM 25 36 STATE COM 539H – 9P

Input											
Calculated											
Cable/Rotary		Rotary									
Proposed Depth		17,231									
How many wells with		No									
Any structures within		No									
Depth to Ground wat		N/A									
Distance from neares well	st fresh water										
Distance to nearest s	urface water										
Closed-loop in lieu o	f line pits?	Yes									
CASING											
				Casing							
		Casing		Weight			Setting	Sacks of			
Type	Hole Size	Size	Grade	lbs/ft	Connection	Top MD	Depth (KB)	Cement	Est. TOC	Method	Fluid Type
		0 = /011	L-80	40.0	BTC	0	2,194	355	0	Calculation	Fresh Water
Surface	12-1/4"	9-5/8"	L-8U								
	12-1/4" 8-3/4"	9-5/8"				0		451		Calculation	
Intermediate	8-3/4"	7"	P-110 P-110	29.0	BLUE-SD TXP BTC	0	9,235	451	0	Calculation	Cut Brine
	'	-	P-110	29.0	BLUE-SD	9,085	9,235 9,685		0	Calculation Calculation	Cut Brine
Intermediate	8-3/4"	7" 5"	P-110 P-110	29.0 18.0	BLUE-SD TXP BTC	0	9,235	451	0		Cut Brine
Intermediate Production Liner	8-3/4" 6-1/8"	7" 5" 4-1/2"	P-110 P-110	29.0 18.0	BLUE-SD TXP BTC	9,085	9,235 9,685	451	0		Cut Brine
Intermediate	8-3/4" 6-1/8"	7" 5" 4-1/2"	P-110 P-110	29.0 18.0	BLUE-SD TXP BTC	9,085	9,235 9,685	451	0		Cut Brine
Intermediate Production Liner	8-3/4" 6-1/8"	7" 5" 4-1/2"	P-110 P-110	29.0 18.0	BLUE-SD TXP BTC	9,085	9,235 9,685	451	0		Cut Brine
Intermediate Production Liner	8-3/4" 6-1/8"	7" 5" 4-1/2"	P-110 P-110	29.0 18.0	BLUE-SD TXP BTC	9,085	9,235 9,685	451	0		
Intermediate Production Liner	8-3/4" 6-1/8"	7" 5" 4-1/2"	P-110 P-110	29.0 18.0	BLUE-SD TXP BTC	9,085	9,235 9,685	451	0		Cut Brine
Intermediate Production Liner	8-3/4" 6-1/8"	7" 5" 4-1/2"	P-110 P-110	29.0 18.0	BLUE-SD TXP BTC	9,085	9,235 9,685	451	0		Cut Brine
Intermediate Production Liner CASING/CEMENT PRO	8-3/4" 6-1/8" DGRAM: ADD'L CC	7" 5" 4-1/2"	P-110 P-110	29.0 18.0	BLUE-SD TXP BTC	9,085	9,235 9,685	451	0		Cut Brine
Intermediate Production Liner CASING/CEMENT PRO	8-3/4" 6-1/8" DGRAM: ADD'L CC	7" 5" 4-1/2"	P-110 P-110 P-110	29.0 18.0 11.6	BLUE-SD TXP BTC W521	9,085 9,685	9,235 9,685	451	0		Cut Brine
Intermediate Production Liner CASING/CEMENT PRO BLOWOUT PREV BOP Type	8-3/4" 6-1/8" DGRAM: ADD'L CC	7" 5" 4-1/2" OMMENTS	P-110 P-110 P-110 Test Pres	29.0 18.0 11.6	BLUE-SD TXP BTC W521	9,085 9,685	9,235 9,685	451	0		Cut Brine
Intermediate Production Liner CASING/CEMENT PRO BLOWOUT PREV BOP Type Annular	8-3/4" 6-1/8" DGRAM: ADD'L CC ENTION Working Pro	7" 5" 4-1/2" DMMENTS	P-110 P-110 P-110 Test Pres	29.0 18.0 11.6	BLUE-SD TXP BTC W521 Manufacto TBD	9,085 9,685	9,235 9,685	451	0		Cut Brine
Intermediate Production Liner CASING/CEMENT PRO BLOWOUT PREV BOP Type Annular Blind	8-3/4" 6-1/8" DGRAM: ADD'L CC ENTION Working Pro 5000 ps	7" 5" 4-1/2" DMMENTS	P-110 P-110 P-110 Test Pres 3500 p	29.0 18.0 11.6	BLUE-SD TXP BTC W521 Manufacto TBD TBD	9,085 9,685	9,235 9,685	451	0		Cut Brine
Intermediate Production Liner CASING/CEMENT PRO BLOWOUT PREV BOP Type Annular	8-3/4" 6-1/8" DGRAM: ADD'L CC ENTION Working Pro	7" 5" 4-1/2" DMMENTS essure si	P-110 P-110 P-110 Test Pres	29.0 18.0 11.6 11.6	BLUE-SD TXP BTC W521 Manufacto TBD	9,085 9,685	9,235 9,685	451	0		Cut Brine

		Formation & Geologic Feature Tops	Lithology	TVD (RKB)
		Salado (SLDO)	Anhydrite and salt	28
		Castile (CSTL)	Anhydrite and salt	478
		Lamar (LMAR)	LS, Sh	2,189
	12-1/4" Bit	Bell Canyon (BLCN)	SS, LS	2.211
	9-5/8" Casing	Cherry Canyon (CRCN)	SS, Silt, LS	3,076
	2,194 ft MD	Brushy Canyon (BCN)	SS, LS, Sh	4,331
		Bone Spring Lime (BSGL)	Sh, SiltS	5,902
		Avalon Upper (AVU)	Sh	6,044
		Avalon Lower (AVL)	Sh	6,367
		First Bone Spring Upper (FBU)	SS, Sh	6,794
		First Bone Spring Lower (FBL)	Sh	6,978
		Second Bone Spring Upper (SBU)	SS, Sh	7,321
		Second Bone Spring Lower (SBL)	SS, Sh	7,726
		Third Bone First Carbonate (TB1C)	SS, Sh	8,371
		Third Bone Spring	SS, Sh	8,538
		Wolfcamp A	SS, Sh	8,879
		Wolfcamp B	SS, Sh	9,588
		Welleding B	00, 011	0,000
	8-3/4" Bit			
	7" Casing			
	9,235 ft MD			
6-1/8" Bit				
5" x 4-1/2	2" Casing 688 Ift TVD			
3,5	31 ft MD			

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.