

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

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

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

1. Operator Name and Address CIMAREX ENERGY CO. 600 N. Marienfeld Street Midland, TX 79701		2. OGRID Number 215099
4. Property Code 330236		3. API Number 30-015-48074
5. Property Name Patriot 9 State SWD		6. Well No. 001

7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
M	9	25S	27E		671	S	142	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
	0				0	S	0	W	

9. Pool Information

SWD;DEVONIAN-SILURIAN	97869
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Additional Well Information

11. Work Type New Well	12. Well Type	13. Cable/Rotary	14. Lease Type State	15. Ground Level Elevation 3238
16. Multiple N	17. Proposed Depth 14238	18. Formation Devonian	19. Contractor	20. Spud Date 2/15/2021
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	26	20	94	450	603	0
Int1	17.5	13.375	61	2240	1250	0
Int2	12.25	9.625	40	10384	1700	0
Prod	8.75	7.625	29	13248	1860	0

Casing/Cement Program: Additional Comments

Drill a 26" hole to 450' with FW. Run 20", 94#, J55 csg & set @ 450', cement to surface. Drill 17-1/2" hole to 2240' with brine. Run 13-3/8", 61#, J55 csg & set @ 2240', cement to surface. Drill 12-1/4" hole to 10384' with water based mud. Run 9-5/8", 40#, HCL80 csg & set @ 10384', cement to surface. Drill 8-3/4" hole to 13248' with water based mud. Run liner & tieback 7-5/8", 29.7# P110 & set @ 13248', cement to surface. Drill 6" hole to 14238' with brine. OH interval 13248-14238'.
SWD #2380 - approved 10/02/2020

22. Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Double Ram	2000	2000	Cameran
Double Ram	3000	3000	Cameran
Double Ram	5000	5000	Cameran

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:

[Signature]

Printed Name: Fatima Vasquez

Title: Regulatory Analyst

Email Address: fvasquez@cimarex.com

Date: 1/26/2021

Phone: (432) 620-1933

OIL CONSERVATION DIVISION

Approved By:

Title:

Approved Date:

Expiration Date:

Conditions of Approval Attached

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

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-015 48074	² Pool Code 97869	³ Pool Name SWD; Devonian-Silurian
⁴ Property Code 330236	⁵ Property Name PATRIOT 9 STATE SWD	⁶ Well Number #1
⁷ OGRID No. 162683	⁸ Operator Name CIMAREX ENERGY CO.	⁹ Elevation 3238.0'

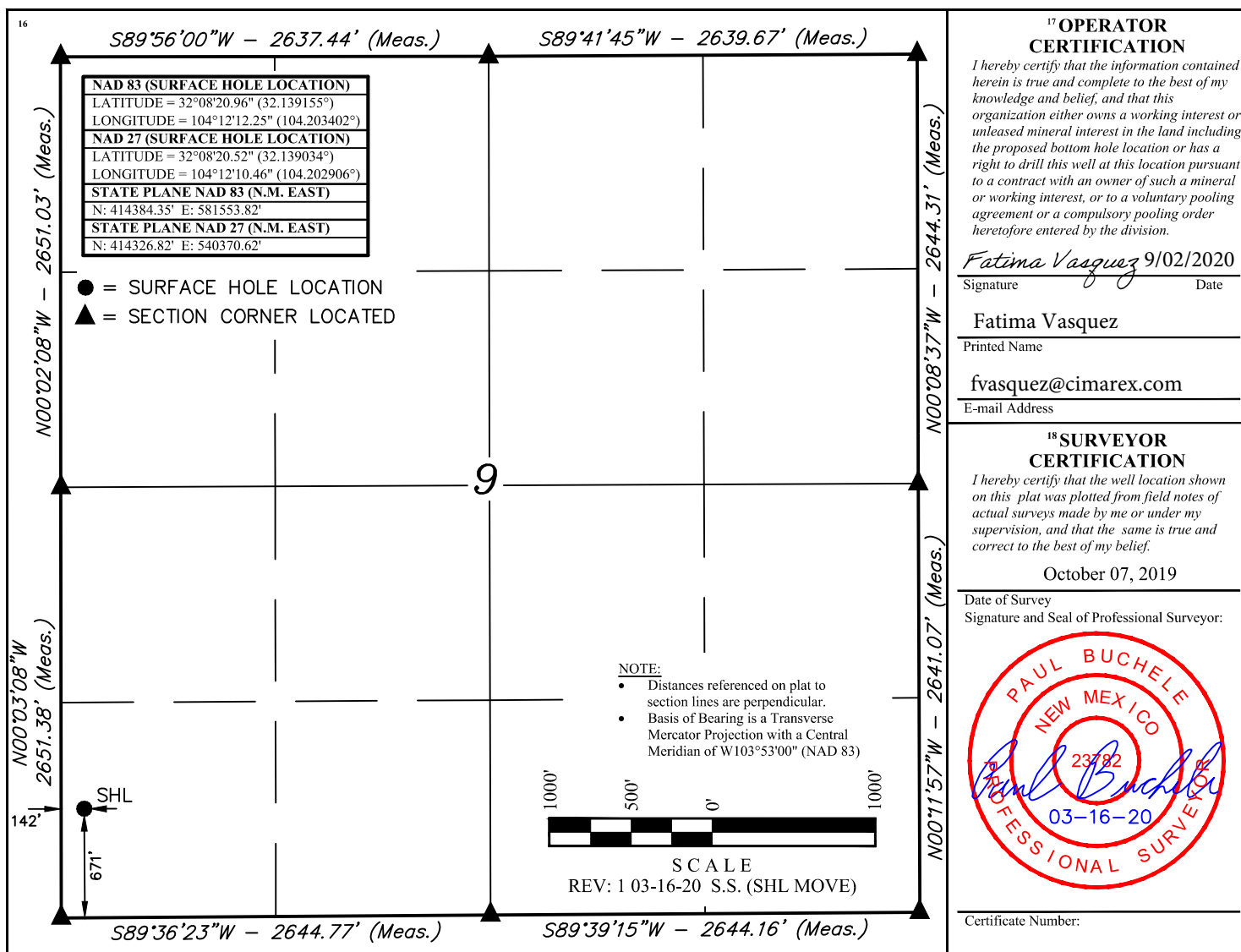
¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	9	25S	27E		671	SOUTH	142	WEST	EDDY

¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
¹² Dedicated Acres	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.	SWD #2380					

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.





Cimarex Patriot 9 State SWD #1 Rev0 RM 14Aug20 Proposal Geodetic Report (Non-Def Plan)



Report Date: August 14, 2020 - 02:19 PM
Client: Cimarex Energy
Field: NM Eddy County (NAD 83)
Structure / Slot: Cimarex Patriot 9 State SWD #1 / New Slot
Well: Patriot 9 State SWD #1
Borehole: Patriot 9 State SWD #1
UWI / API#: Unknown / Unknown
Survey Name: Cimarex Patriot 9 State SWD #1 Rev0 RM 14Aug20
Survey Date: August 14, 2020
Tort / AHD / DDI / ERD Ratio: 0.000 ° / 0.000 ft / 0.000 / 0.000
Coordinate Reference System: NAD83 New Mexico State Plane, Eastern Zone, US Feet
Location Lat / Long: N 32° 8' 20.95660", W 104° 12' 12.24613"
Location Grid N/E Y/X: N 414384.350 ftUS, E 581553.820 ftUS
CRS Grid Convergence Angle: 0.0691 °
Grid Scale Factor: 0.99991094
Version / Patch: 2.10.818.0

Survey / DLS Computation: Minimum Curvature / Lubinski
Vertical Section Azimuth: 0.000 ° (Grid North)
Vertical Section Origin: 0.000 ft, 0.000 ft
TVD Reference Datum: RKB
TVD Reference Elevation: 3261.000 ft above MSL
Seabed / Ground Elevation: 3238.000 ft above MSL
Magnetic Declination: 7.107 °
Total Gravity Field Strength: 998.4393mgn (9.80665 Based)
Gravity Model: GARM
Total Magnetic Field Strength: 47695.752 nT
Magnetic Dip Angle: 59.771 °
Declination Date: August 14, 2020
Magnetic Declination Model: HDGM 2020
North Reference: Grid North
Grid Convergence Used: 0.0691 °
Total Corr Mag North->Grid North: 7.0376 °
Local Coord Referenced To: Well Head

Comments	MD (ft)	Incl (°)	Azim Grid (°)	TVD (ft)	VSEC (ft)	NS (ft)	EW (ft)	DLS (°/100ft)	Northing (ftUS)	Easting (ftUS)	Latitude (N/S ° ' ")	Longitude (E/W ° ' ")
SHL [671' FSL, 142' FWL]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A	414384.35	581553.82	N 32 8 20.96	W 104 12 12.25
Cimarex Patriot 9 State SWD #1 - PBHL [671' FSL, 142' FWL]	14238.00	0.00	0.00	14238.00	0.00	0.00	0.00	0.00	414384.35	581553.82	N 32 8 20.96	W 104 12 12.25

Survey Type: Non-Def Plan

Survey Error Model: ISCWSA Rev 0 *** 3-D 95.000% Confidence 2.7955 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 Type	Borehole / Survey
	1	0.000	23.000	1/100.000	17.500	13.375		NAL_MWD_IFR1+MS-Depth Only	Patriot 9 State SWD #1 / Cimarex Patriot 9 State SWD #1 Rev0 RM 14Aug20
	1	23.000	14238.000	1/100.000	17.500	13.375		NAL_MWD_IFR1+MS	Patriot 9 State SWD #1 / Cimarex Patriot 9 State SWD #1 Rev0 RM



Cimarex Patriot 9 State SWD #1 Rev0 RM 14Aug20 Proposal Geodetic Report

(Non-Def Plan)



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Well: Patriot 9 State SWD #1
Borehole: Patriot 9 State SWD #1
UWI / API#: Unknown / Unknown
Survey Name: Cimarex Patriot 9 State SWD #1 Rev0 RM 14Aug20
Survey Date: August 14, 2020
Tort / AHD / DDI / ERD Ratio: 0.000 ° / 0.000 ft / 0.000 / 0.000
Coordinate Reference System: NAD83 New Mexico State Plane, Eastern Zone, US Feet
Location Lat / Long: N 32° 8' 20.95660", W 104° 12' 12.24613"
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Comments	MD (ft)	Incl (°)	Azim Grid (°)	TVD (ft)	VSEC (ft)	NS (ft)	EW (ft)	DLS (°/100ft)	Northing (ftUS)	Easting (ftUS)	Latitude (N/S ° ' ")	Longitude (E/W ° ' ")
SHL [671' FSL, 142' FWL]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A	414384.35	581553.82	N 32 8 20.96	W 104 12 12.25
	100.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	414384.35	581553.82	N 32 8 20.96	W 104 12 12.25
	200.00	0.00	0.00	200.00	0.00	0.00	0.00	0.00	414384.35	581553.82	N 32 8 20.96	W 104 12 12.25
	300.00	0.00	0.00	300.00	0.00	0.00	0.00	0.00	414384.35	581553.82	N 32 8 20.96	W 104 12 12.25
	400.00	0.00	0.00	400.00	0.00	0.00	0.00	0.00	414384.35	581553.82	N 32 8 20.96	W 104 12 12.25
	500.00	0.00	0.00	500.00	0.00	0.00	0.00	0.00	414384.35	581553.82	N 32 8 20.96	W 104 12 12.25
	600.00	0.00	0.00	600.00	0.00	0.00	0.00	0.00	414384.35	581553.82	N 32 8 20.96	W 104 12 12.25
	700.00	0.00	0.00	700.00	0.00	0.00	0.00	0.00	414384.35	581553.82	N 32 8 20.96	W 104 12 12.25
	800.00	0.00	0.00	800.00	0.00	0.00	0.00	0.00	414384.35	581553.82	N 32 8 20.96	W 104 12 12.25
	900.00	0.00	0.00	900.00	0.00	0.00	0.00	0.00	414384.35	581553.82	N 32 8 20.96	W 104 12 12.25
	1000.00	0.00	0.00	1000.00	0.00	0.00	0.00	0.00	414384.35	581553.82	N 32 8 20.96	W 104 12 12.25
	1100.00	0.00	0.00	1100.00	0.00	0.00	0.00	0.00	414384.35	581553.82	N 32 8 20.96	W 104 12 12.25
	1200.00	0.00	0.00	1200.00	0.00	0.00	0.00	0.00	414384.35	581553.82	N 32 8 20.96	W 104 12 12.25
	1300.00	0.00	0.00	1300.00	0.00	0.00	0.00	0.00	414384.35	581553.82	N 32 8 20.96	W 104 12 12.25
Top Salt	1343.00	0.00	0.00	1343.00	0.00	0.00	0.00	0.00	414384.35	581553.82	N 32 8 20.96	W 104 12 12.25
	1400.00	0.00	0.00	1400.00	0.00	0.00	0.00	0.00	414384.35	581553.82	N 32 8 20.96	W 104 12 12.25
	1500.00	0.00	0.00	1500.00	0.00	0.00	0.00	0.00	414384.35	581553.82	N 32 8 20.96	W 104 12 12.25
	1600.00	0.00	0.00	1600.00	0.00	0.00	0.00	0.00	414384.35	581553.82	N 32 8 20.96	W 104 12 12.25
	1700.00	0.00	0.00	1700.00	0.00	0.00	0.00	0.00	414384.35	581553.82	N 32 8 20.96	W 104 12 12.25
	1800.00	0.00	0.00	1800.00	0.00	0.00	0.00	0.00	414384.35	581553.82	N 32 8 20.96	W 104 12 12.25
	1900.00	0.00	0.00	1900.00	0.00	0.00	0.00	0.00	414384.35	581553.82	N 32 8 20.96	W 104 12 12.25
Base Salt	1963.00	0.00	0.00	1963.00	0.00	0.00	0.00	0.00	414384.35	581553.82	N 32 8 20.96	W 104 12 12.25
	2000.00	0.00	0.00	2000.00	0.00	0.00	0.00	0.00	414384.35	581553.82	N 32 8 20.96	W 104 12 12.25
	2100.00	0.00	0.00	2100.00	0.00	0.00	0.00	0.00	414384.35	581553.82	N 32 8 20.96	W 104 12 12.25

Comments	MD (ft)	Incl (°)	Azim Grid (°)	TVD (ft)	VSEC (ft)	NS (ft)	EW (ft)	DLS (°/100ft)	Northing (ftUS)	Easting (ftUS)	Latitude (N/S ° ' ")		Longitude (E/W ° ' ")	
	2200.00	0.00	0.00	2200.00	0.00	0.00	0.00	0.00	414384.35	581553.82	N 32	8 20.96	W 104 12 12.25	
Lamar Lm	2214.00	0.00	0.00	2214.00	0.00	0.00	0.00	0.00	414384.35	581553.82	N 32	8 20.96	W 104 12 12.25	
Bell Canyon	2267.00	0.00	0.00	2267.00	0.00	0.00	0.00	0.00	414384.35	581553.82	N 32	8 20.96	W 104 12 12.25	
	2300.00	0.00	0.00	2300.00	0.00	0.00	0.00	0.00	414384.35	581553.82	N 32	8 20.96	W 104 12 12.25	
	2400.00	0.00	0.00	2400.00	0.00	0.00	0.00	0.00	414384.35	581553.82	N 32	8 20.96	W 104 12 12.25	
	2500.00	0.00	0.00	2500.00	0.00	0.00	0.00	0.00	414384.35	581553.82	N 32	8 20.96	W 104 12 12.25	
	2600.00	0.00	0.00	2600.00	0.00	0.00	0.00	0.00	414384.35	581553.82	N 32	8 20.96	W 104 12 12.25	
	2700.00	0.00	0.00	2700.00	0.00	0.00	0.00	0.00	414384.35	581553.82	N 32	8 20.96	W 104 12 12.25	
	2800.00	0.00	0.00	2800.00	0.00	0.00	0.00	0.00	414384.35	581553.82	N 32	8 20.96	W 104 12 12.25	
	2900.00	0.00	0.00	2900.00	0.00	0.00	0.00	0.00	414384.35	581553.82	N 32	8 20.96	W 104 12 12.25	
	3000.00	0.00	0.00	3000.00	0.00	0.00	0.00	0.00	414384.35	581553.82	N 32	8 20.96	W 104 12 12.25	
	3100.00	0.00	0.00	3100.00	0.00	0.00	0.00	0.00	414384.35	581553.82	N 32	8 20.96	W 104 12 12.25	
	3200.00	0.00	0.00	3200.00	0.00	0.00	0.00	0.00	414384.35	581553.82	N 32	8 20.96	W 104 12 12.25	
	3300.00	0.00	0.00	3300.00	0.00	0.00	0.00	0.00	414384.35	581553.82	N 32	8 20.96	W 104 12 12.25	
	3400.00	0.00	0.00	3400.00	0.00	0.00	0.00	0.00	414384.35	581553.82	N 32	8 20.96	W 104 12 12.25	
	3500.00	0.00	0.00	3500.00	0.00	0.00	0.00	0.00	414384.35	581553.82	N 32	8 20.96	W 104 12 12.25	
	3600.00	0.00	0.00	3600.00	0.00	0.00	0.00	0.00	414384.35	581553.82	N 32	8 20.96	W 104 12 12.25	
	3700.00	0.00	0.00	3700.00	0.00	0.00	0.00	0.00	414384.35	581553.82	N 32	8 20.96	W 104 12 12.25	
	3800.00	0.00	0.00	3800.00	0.00	0.00	0.00	0.00	414384.35	581553.82	N 32	8 20.96	W 104 12 12.25	
	3900.00	0.00	0.00	3900.00	0.00	0.00	0.00	0.00	414384.35	581553.82	N 32	8 20.96	W 104 12 12.25	
	4000.00	0.00	0.00	4000.00	0.00	0.00	0.00	0.00	414384.35	581553.82	N 32	8 20.96	W 104 12 12.25	
Brushy Canyon	4100.00	0.00	0.00	4100.00	0.00	0.00	0.00	0.00	414384.35	581553.82	N 32	8 20.96	W 104 12 12.25	
	4116.00	0.00	0.00	4116.00	0.00	0.00	0.00	0.00	414384.35	581553.82	N 32	8 20.96	W 104 12 12.25	
	4200.00	0.00	0.00	4200.00	0.00	0.00	0.00	0.00	414384.35	581553.82	N 32	8 20.96	W 104 12 12.25	
	4300.00	0.00	0.00	4300.00	0.00	0.00	0.00	0.00	414384.35	581553.82	N 32	8 20.96	W 104 12 12.25	
	4400.00	0.00	0.00	4400.00	0.00	0.00	0.00	0.00	414384.35	581553.82	N 32	8 20.96	W 104 12 12.25	
	4500.00	0.00	0.00	4500.00	0.00	0.00	0.00	0.00	414384.35	581553.82	N 32	8 20.96	W 104 12 12.25	
	4600.00	0.00	0.00	4600.00	0.00	0.00	0.00	0.00	414384.35	581553.82	N 32	8 20.96	W 104 12 12.25	
	4700.00	0.00	0.00	4700.00	0.00	0.00	0.00	0.00	414384.35	581553.82	N 32	8 20.96	W 104 12 12.25	
	4800.00	0.00	0.00	4800.00	0.00	0.00	0.00	0.00	414384.35	581553.82	N 32	8 20.96	W 104 12 12.25	
	4900.00	0.00	0.00	4900.00	0.00	0.00	0.00	0.00	414384.35	581553.82	N 32	8 20.96	W 104 12 12.25	
	5000.00	0.00	0.00	5000.00	0.00	0.00	0.00	0.00	414384.35	581553.82	N 32	8 20.96	W 104 12 12.25	
	5100.00	0.00	0.00	5100.00	0.00	0.00	0.00	0.00	414384.35	581553.82	N 32	8 20.96	W 104 12 12.25	
	5200.00	0.00	0.00	5200.00	0.00	0.00	0.00	0.00	414384.35	581553.82	N 32	8 20.96	W 104 12 12.25	
	5300.00	0.00	0.00	5300.00	0.00	0.00	0.00	0.00	414384.35	581553.82	N 32	8 20.96	W 104 12 12.25	
	5400.00	0.00	0.00	5400.00	0.00	0.00	0.00	0.00	414384.35	581553.82	N 32	8 20.96	W 104 12 12.25	
	5500.00	0.00	0.00	5500.00	0.00	0.00	0.00	0.00	414384.35	581553.82	N 32	8 20.96	W 104 12 12.25	
	5600.00	0.00	0.00	5600.00	0.00	0.00	0.00	0.00	414384.35	581553.82	N 32	8 20.96	W 104 12 12.25	
	5700.00	0.00	0.00	5700.00	0.00	0.00	0.00	0.00	414384.35	581553.82	N 32	8 20.96	W 104 12 12.25	
Bone Spring Lime	5705.00	0.00	0.00	5705.00	0.00	0.00	0.00	0.00	414384.35	581553.82	N 32	8 20.96	W 104 12 12.25	
	5800.00	0.00	0.00	5800.00	0.00	0.00	0.00	0.00	414384.35	581553.82	N 32	8 20.96	W 104 12 12.25	
	5900.00	0.00	0.00	5900.00	0.00	0.00	0.00	0.00	414384.35	581553.82	N 32	8 20.96	W 104 12 12.25	
	6000.00	0.00	0.00	6000.00	0.00	0.00	0.00	0.00	414384.35	581553.82	N 32	8 20.96	W 104 12 12.25	
	6100.00	0.00	0.00	6100.00	0.00	0.00	0.00	0.00	414384.35	581553.82	N 32	8 20.96	W 104 12 12.25	
	6200.00	0.00	0.00	6200.00	0.00	0.00	0.00	0.00	414384.35	581553.82	N 32	8 20.96	W 104 12 12.25	
	6300.00	0.00	0.00	6300.00	0.00	0.00	0.00	0.00	414384.35	581553.82	N 32	8 20.96	W 104 12 12.25	
	6400.00	0.00	0.00	6400.00	0.00	0.00	0.00	0.00	414384.35	581553.82	N 32	8 20.96	W 104 12 12.25	
	6500.00	0.00	0.00	6500.00	0.00	0.00	0.00	0.00	414384.35	581553.82	N 32	8 20.96	W 104 12 12.25	
	6600.00	0.00	0.00	6600.00	0.00	0.00	0.00	0.00	414384.35	581553.82	N 32	8 20.96	W 104 12 12.25	
	6700.00	0.00	0.00	6700.00	0.00	0.00	0.00	0.00	414384.35	581553.82	N 32	8 20.96	W 104 12 12.25	
1BSSD	6707.00	0.00	0.00	6707.00	0.00	0.00	0.00	0.00	414384.35	581553.82	N 32	8 20.96	W 104 12 12.25	
	6800.00	0.00	0.00	6800.00	0.00	0.00	0.00	0.00	414384.35	581553.82	N 32	8 20.96	W 104 12 12.25	
	6900.00	0.00	0.00	6900.00	0.00	0.00	0.00	0.00	414384.35	581553.82	N 32	8 20.96	W 104 12 12.25	

Comments	MD (ft)	Incl (°)	Azim Grid (°)	TVD (ft)	VSEC (ft)	NS (ft)	EW (ft)	DLS (°/100ft)	Northing (ftUS)	Easting (ftUS)	Latitude (N/S ° ' ")	Longitude (E/W ° ' ")
2BSSD	7000.00	0.00	0.00	7000.00	0.00	0.00	0.00	0.00	414384.35	581553.82	N 32 8 20.96	W 104 12 12.25
	7061.00	0.00	0.00	7061.00	0.00	0.00	0.00	0.00	414384.35	581553.82	N 32 8 20.96	W 104 12 12.25
	7100.00	0.00	0.00	7100.00	0.00	0.00	0.00	0.00	414384.35	581553.82	N 32 8 20.96	W 104 12 12.25
	7200.00	0.00	0.00	7200.00	0.00	0.00	0.00	0.00	414384.35	581553.82	N 32 8 20.96	W 104 12 12.25
	7300.00	0.00	0.00	7300.00	0.00	0.00	0.00	0.00	414384.35	581553.82	N 32 8 20.96	W 104 12 12.25
	7400.00	0.00	0.00	7400.00	0.00	0.00	0.00	0.00	414384.35	581553.82	N 32 8 20.96	W 104 12 12.25
	7500.00	0.00	0.00	7500.00	0.00	0.00	0.00	0.00	414384.35	581553.82	N 32 8 20.96	W 104 12 12.25
	7600.00	0.00	0.00	7600.00	0.00	0.00	0.00	0.00	414384.35	581553.82	N 32 8 20.96	W 104 12 12.25
	7700.00	0.00	0.00	7700.00	0.00	0.00	0.00	0.00	414384.35	581553.82	N 32 8 20.96	W 104 12 12.25
	7800.00	0.00	0.00	7800.00	0.00	0.00	0.00	0.00	414384.35	581553.82	N 32 8 20.96	W 104 12 12.25
	7900.00	0.00	0.00	7900.00	0.00	0.00	0.00	0.00	414384.35	581553.82	N 32 8 20.96	W 104 12 12.25
	8000.00	0.00	0.00	8000.00	0.00	0.00	0.00	0.00	414384.35	581553.82	N 32 8 20.96	W 104 12 12.25
	8100.00	0.00	0.00	8100.00	0.00	0.00	0.00	0.00	414384.35	581553.82	N 32 8 20.96	W 104 12 12.25
	8200.00	0.00	0.00	8200.00	0.00	0.00	0.00	0.00	414384.35	581553.82	N 32 8 20.96	W 104 12 12.25
8300.00	0.00	0.00	8300.00	0.00	0.00	0.00	0.00	414384.35	581553.82	N 32 8 20.96	W 104 12 12.25	
3BSSD	8400.00	0.00	0.00	8400.00	0.00	0.00	0.00	0.00	414384.35	581553.82	N 32 8 20.96	W 104 12 12.25
	8465.00	0.00	0.00	8465.00	0.00	0.00	0.00	0.00	414384.35	581553.82	N 32 8 20.96	W 104 12 12.25
	8500.00	0.00	0.00	8500.00	0.00	0.00	0.00	0.00	414384.35	581553.82	N 32 8 20.96	W 104 12 12.25
	8600.00	0.00	0.00	8600.00	0.00	0.00	0.00	0.00	414384.35	581553.82	N 32 8 20.96	W 104 12 12.25
	8700.00	0.00	0.00	8700.00	0.00	0.00	0.00	0.00	414384.35	581553.82	N 32 8 20.96	W 104 12 12.25
Wolfcamp	8800.00	0.00	0.00	8800.00	0.00	0.00	0.00	0.00	414384.35	581553.82	N 32 8 20.96	W 104 12 12.25
	8806.00	0.00	0.00	8806.00	0.00	0.00	0.00	0.00	414384.35	581553.82	N 32 8 20.96	W 104 12 12.25
	8900.00	0.00	0.00	8900.00	0.00	0.00	0.00	0.00	414384.35	581553.82	N 32 8 20.96	W 104 12 12.25
	9000.00	0.00	0.00	9000.00	0.00	0.00	0.00	0.00	414384.35	581553.82	N 32 8 20.96	W 104 12 12.25
Wolfcamp A2	9100.00	0.00	0.00	9100.00	0.00	0.00	0.00	0.00	414384.35	581553.82	N 32 8 20.96	W 104 12 12.25
	9200.00	0.00	0.00	9200.00	0.00	0.00	0.00	0.00	414384.35	581553.82	N 32 8 20.96	W 104 12 12.25
	9297.00	0.00	0.00	9297.00	0.00	0.00	0.00	0.00	414384.35	581553.82	N 32 8 20.96	W 104 12 12.25
	9300.00	0.00	0.00	9300.00	0.00	0.00	0.00	0.00	414384.35	581553.82	N 32 8 20.96	W 104 12 12.25
Wolfcamp B	9400.00	0.00	0.00	9400.00	0.00	0.00	0.00	0.00	414384.35	581553.82	N 32 8 20.96	W 104 12 12.25
	9466.00	0.00	0.00	9466.00	0.00	0.00	0.00	0.00	414384.35	581553.82	N 32 8 20.96	W 104 12 12.25
	9500.00	0.00	0.00	9500.00	0.00	0.00	0.00	0.00	414384.35	581553.82	N 32 8 20.96	W 104 12 12.25
Wolfcamp C	9565.00	0.00	0.00	9565.00	0.00	0.00	0.00	0.00	414384.35	581553.82	N 32 8 20.96	W 104 12 12.25
	9600.00	0.00	0.00	9600.00	0.00	0.00	0.00	0.00	414384.35	581553.82	N 32 8 20.96	W 104 12 12.25
Wolfcamp D	9658.00	0.00	0.00	9658.00	0.00	0.00	0.00	0.00	414384.35	581553.82	N 32 8 20.96	W 104 12 12.25
	9700.00	0.00	0.00	9700.00	0.00	0.00	0.00	0.00	414384.35	581553.82	N 32 8 20.96	W 104 12 12.25
	9800.00	0.00	0.00	9800.00	0.00	0.00	0.00	0.00	414384.35	581553.82	N 32 8 20.96	W 104 12 12.25
	9900.00	0.00	0.00	9900.00	0.00	0.00	0.00	0.00	414384.35	581553.82	N 32 8 20.96	W 104 12 12.25
Wolfcamp E	10000.00	0.00	0.00	10000.00	0.00	0.00	0.00	0.00	414384.35	581553.82	N 32 8 20.96	W 104 12 12.25
	10100.00	0.00	0.00	10100.00	0.00	0.00	0.00	0.00	414384.35	581553.82	N 32 8 20.96	W 104 12 12.25
	10200.00	0.00	0.00	10200.00	0.00	0.00	0.00	0.00	414384.35	581553.82	N 32 8 20.96	W 104 12 12.25
	10215.00	0.00	0.00	10215.00	0.00	0.00	0.00	0.00	414384.35	581553.82	N 32 8 20.96	W 104 12 12.25
	10300.00	0.00	0.00	10300.00	0.00	0.00	0.00	0.00	414384.35	581553.82	N 32 8 20.96	W 104 12 12.25
Cisco	10400.00	0.00	0.00	10400.00	0.00	0.00	0.00	0.00	414384.35	581553.82	N 32 8 20.96	W 104 12 12.25
	10484.00	0.00	0.00	10484.00	0.00	0.00	0.00	0.00	414384.35	581553.82	N 32 8 20.96	W 104 12 12.25
	10500.00	0.00	0.00	10500.00	0.00	0.00	0.00	0.00	414384.35	581553.82	N 32 8 20.96	W 104 12 12.25
	10600.00	0.00	0.00	10600.00	0.00	0.00	0.00	0.00	414384.35	581553.82	N 32 8 20.96	W 104 12 12.25
Atoka	10700.00	0.00	0.00	10700.00	0.00	0.00	0.00	0.00	414384.35	581553.82	N 32 8 20.96	W 104 12 12.25
	10800.00	0.00	0.00	10800.00	0.00	0.00	0.00	0.00	414384.35	581553.82	N 32 8 20.96	W 104 12 12.25
	10843.00	0.00	0.00	10843.00	0.00	0.00	0.00	0.00	414384.35	581553.82	N 32 8 20.96	W 104 12 12.25
	10900.00	0.00	0.00	10900.00	0.00	0.00	0.00	0.00	414384.35	581553.82	N 32 8 20.96	W 104 12 12.25
	11000.00	0.00	0.00	11000.00	0.00	0.00	0.00	0.00	414384.35	581553.82	N 32 8 20.96	W 104 12 12.25
	11100.00	0.00	0.00	11100.00	0.00	0.00	0.00	0.00	414384.35	581553.82	N 32 8 20.96	W 104 12 12.25
	11200.00	0.00	0.00	11200.00	0.00	0.00	0.00	0.00	414384.35	581553.82	N 32 8 20.96	W 104 12 12.25
	11300.00	0.00	0.00	11300.00	0.00	0.00	0.00	414384.35	581553.82	N 32 8 20.96	W 104 12 12.25	

Comments	MD (ft)	Incl (°)	Azim Grid (°)	TVD (ft)	VSEC (ft)	NS (ft)	EW (ft)	DLS (°/100ft)	Northing (ftUS)	Easting (ftUS)	Latitude (N/S ° ' ")	Longitude (E/W ° ' ")
	11400.00	0.00	0.00	11400.00	0.00	0.00	0.00	0.00	414384.35	581553.82	N 32 8 20.96	W 104 12 12.25
	11500.00	0.00	0.00	11500.00	0.00	0.00	0.00	0.00	414384.35	581553.82	N 32 8 20.96	W 104 12 12.25
	11600.00	0.00	0.00	11600.00	0.00	0.00	0.00	0.00	414384.35	581553.82	N 32 8 20.96	W 104 12 12.25
	11700.00	0.00	0.00	11700.00	0.00	0.00	0.00	0.00	414384.35	581553.82	N 32 8 20.96	W 104 12 12.25
	11800.00	0.00	0.00	11800.00	0.00	0.00	0.00	0.00	414384.35	581553.82	N 32 8 20.96	W 104 12 12.25
	11900.00	0.00	0.00	11900.00	0.00	0.00	0.00	0.00	414384.35	581553.82	N 32 8 20.96	W 104 12 12.25
	12000.00	0.00	0.00	12000.00	0.00	0.00	0.00	0.00	414384.35	581553.82	N 32 8 20.96	W 104 12 12.25
	12100.00	0.00	0.00	12100.00	0.00	0.00	0.00	0.00	414384.35	581553.82	N 32 8 20.96	W 104 12 12.25
	12200.00	0.00	0.00	12200.00	0.00	0.00	0.00	0.00	414384.35	581553.82	N 32 8 20.96	W 104 12 12.25
	12300.00	0.00	0.00	12300.00	0.00	0.00	0.00	0.00	414384.35	581553.82	N 32 8 20.96	W 104 12 12.25
	12400.00	0.00	0.00	12400.00	0.00	0.00	0.00	0.00	414384.35	581553.82	N 32 8 20.96	W 104 12 12.25
	12500.00	0.00	0.00	12500.00	0.00	0.00	0.00	0.00	414384.35	581553.82	N 32 8 20.96	W 104 12 12.25
	12600.00	0.00	0.00	12600.00	0.00	0.00	0.00	0.00	414384.35	581553.82	N 32 8 20.96	W 104 12 12.25
	12700.00	0.00	0.00	12700.00	0.00	0.00	0.00	0.00	414384.35	581553.82	N 32 8 20.96	W 104 12 12.25
	12800.00	0.00	0.00	12800.00	0.00	0.00	0.00	0.00	414384.35	581553.82	N 32 8 20.96	W 104 12 12.25
L Miss	12848.00	0.00	0.00	12848.00	0.00	0.00	0.00	0.00	414384.35	581553.82	N 32 8 20.96	W 104 12 12.25
	12900.00	0.00	0.00	12900.00	0.00	0.00	0.00	0.00	414384.35	581553.82	N 32 8 20.96	W 104 12 12.25
	13000.00	0.00	0.00	13000.00	0.00	0.00	0.00	0.00	414384.35	581553.82	N 32 8 20.96	W 104 12 12.25
	13100.00	0.00	0.00	13100.00	0.00	0.00	0.00	0.00	414384.35	581553.82	N 32 8 20.96	W 104 12 12.25
Woodford	13129.00	0.00	0.00	13129.00	0.00	0.00	0.00	0.00	414384.35	581553.82	N 32 8 20.96	W 104 12 12.25
	13200.00	0.00	0.00	13200.00	0.00	0.00	0.00	0.00	414384.35	581553.82	N 32 8 20.96	W 104 12 12.25
Devonian	13238.00	0.00	0.00	13238.00	0.00	0.00	0.00	0.00	414384.35	581553.82	N 32 8 20.96	W 104 12 12.25
	13300.00	0.00	0.00	13300.00	0.00	0.00	0.00	0.00	414384.35	581553.82	N 32 8 20.96	W 104 12 12.25
	13400.00	0.00	0.00	13400.00	0.00	0.00	0.00	0.00	414384.35	581553.82	N 32 8 20.96	W 104 12 12.25
	13500.00	0.00	0.00	13500.00	0.00	0.00	0.00	0.00	414384.35	581553.82	N 32 8 20.96	W 104 12 12.25
	13600.00	0.00	0.00	13600.00	0.00	0.00	0.00	0.00	414384.35	581553.82	N 32 8 20.96	W 104 12 12.25
	13700.00	0.00	0.00	13700.00	0.00	0.00	0.00	0.00	414384.35	581553.82	N 32 8 20.96	W 104 12 12.25
	13800.00	0.00	0.00	13800.00	0.00	0.00	0.00	0.00	414384.35	581553.82	N 32 8 20.96	W 104 12 12.25
	13900.00	0.00	0.00	13900.00	0.00	0.00	0.00	0.00	414384.35	581553.82	N 32 8 20.96	W 104 12 12.25
	14000.00	0.00	0.00	14000.00	0.00	0.00	0.00	0.00	414384.35	581553.82	N 32 8 20.96	W 104 12 12.25
	14100.00	0.00	0.00	14100.00	0.00	0.00	0.00	0.00	414384.35	581553.82	N 32 8 20.96	W 104 12 12.25
	14200.00	0.00	0.00	14200.00	0.00	0.00	0.00	0.00	414384.35	581553.82	N 32 8 20.96	W 104 12 12.25
Cimarex Patriot 9 State SWD #1 - PBHL [671' FSL, 142' FWL]	14238.00	0.00	0.00	14238.00	0.00	0.00	0.00	0.00	414384.35	581553.82	N 32 8 20.96	W 104 12 12.25

Survey Type: Non-Def Plan

Survey Error Model: ISCWSA Rev 0 *** 3-D 95.000% Confidence 2.7955 sigma

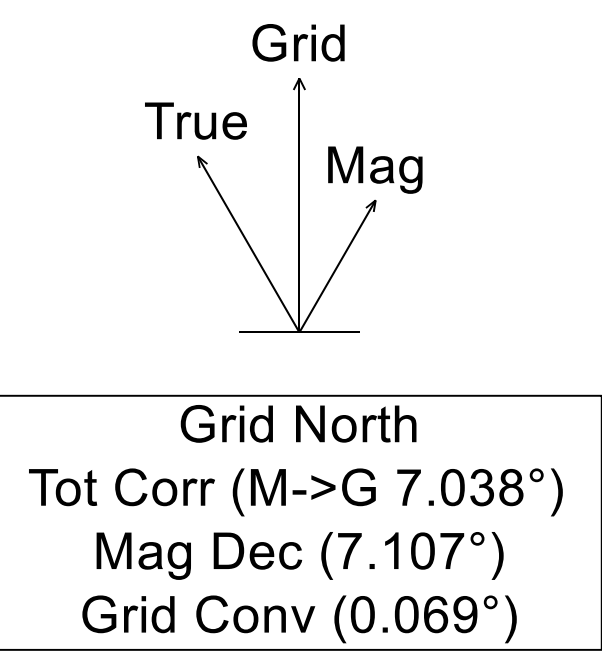
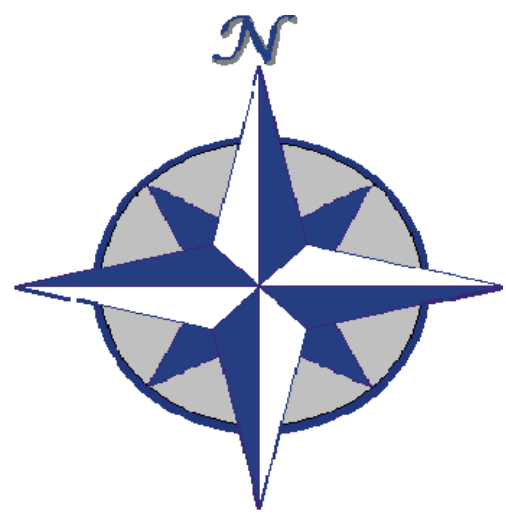
Survey Program:

Description	Part	MD From (ft)	MD To (ft)	EOU Freq (ft)	Hole Size (in)	Casing Diameter (in)	Expected Max Inclination (deg)	Survey Tool Type	Borehole / Survey
	1	0.000	23.000	1/100.000	17.500	13.375		NAL_MWD_IFR1+MS-Depth Only	Patriot 9 State SWD #1 / Cimarex Patriot 9 State SWD #1 Rev0 RM 14Aug20
	1	23.000	14238.000	1/100.000	17.500	13.375		NAL_MWD_IFR1+MS	Patriot 9 State SWD #1 / Cimarex Patriot 9 State SWD #1 Rev0 RM

Borehole:	Well:	Field:	Structure:
Patriot 9 State SWD #1	Patriot 9 State SWD #1	NM Eddy County (NAD 83)	Cimarex Patriot 9 State SWD #1

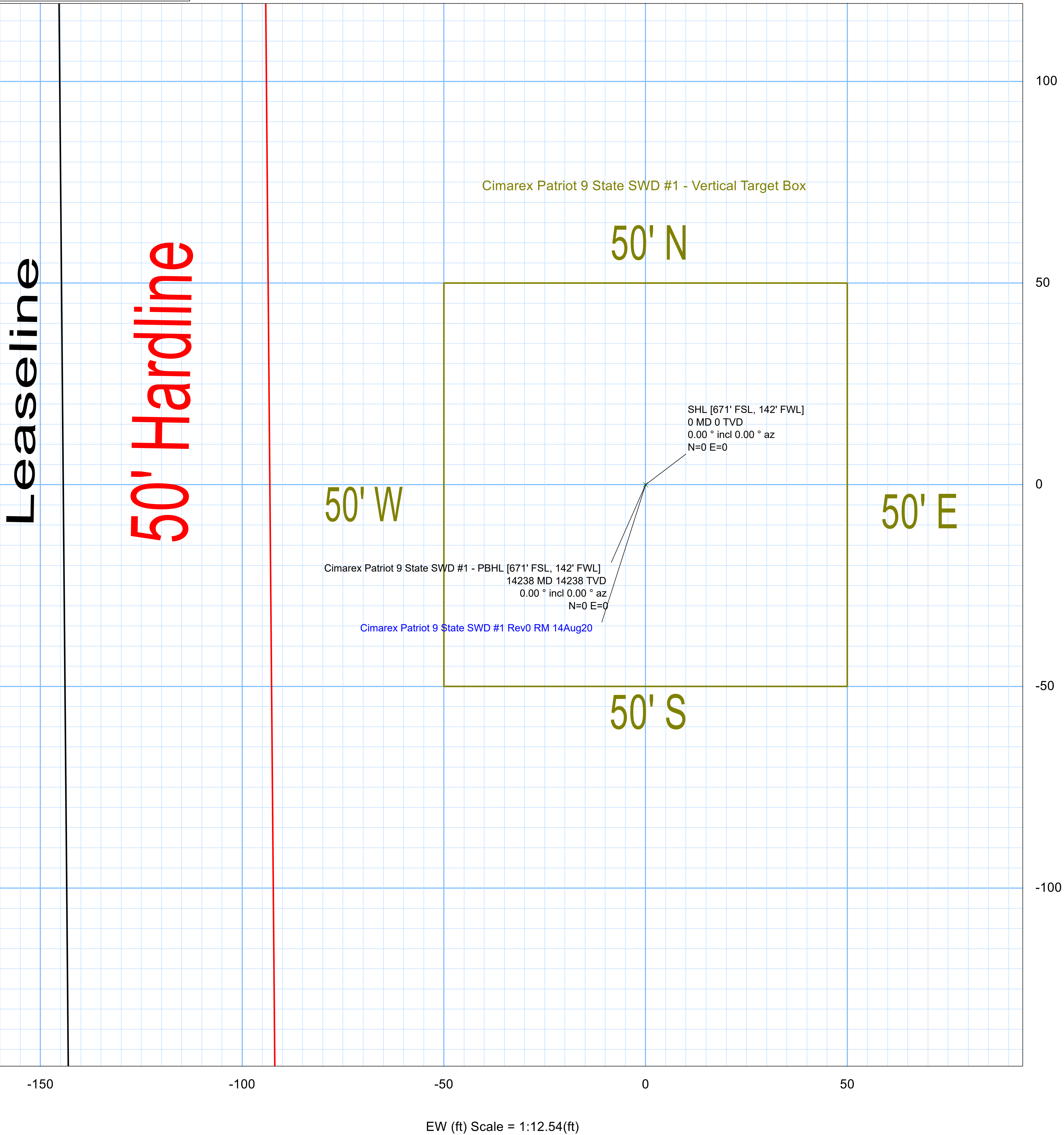
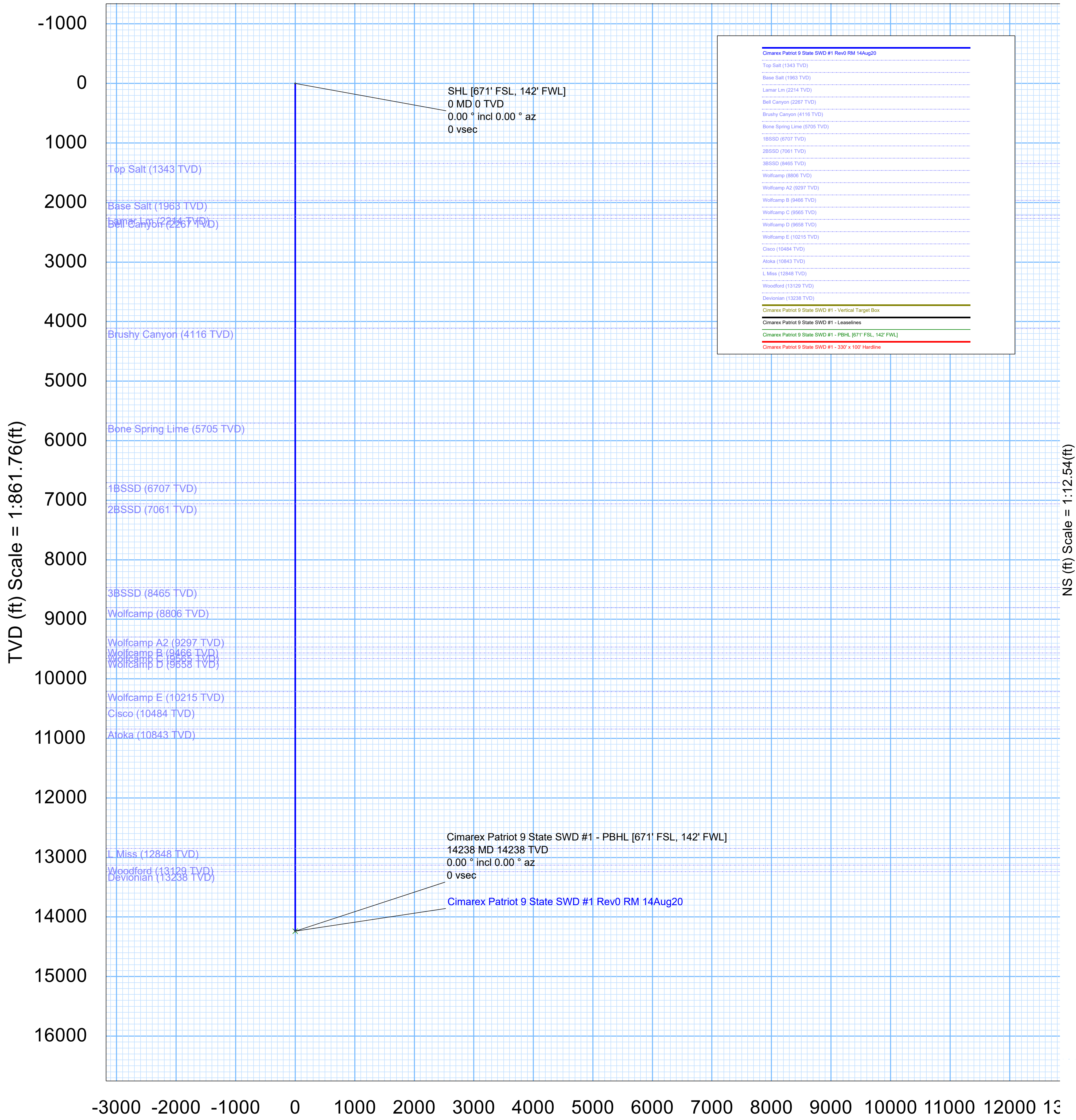
Gravity & Magnetic Parameters				Surface Location				Miscellaneous			
Model:	HDGM 2020	Dip:	59.771°	Date:	14-Aug-2020	Lat:	N 32 8 20.96	Northing:	414384.35ftUS	Grid Conv:	0.0691°
MagDec:	7.107°	FS:	47695.752nT	Gravity FS:	998.439mgn (9.80665 Based)	Lon:	W 104 12 12.25	Easting:	581553.82ftUS	Scale Fact:	0.99991094
								Slot:	New Slot	TVD Ref:	RKB(3261ft above MSL)
								Plan:	Cimarex Patriot 9 State SWD #1 Rev0 RM 14Aug20		

Critical Point	MD	INCL	AZIM	TVD	VSEC	N(+)/S(-)	E(+)/W(-)	DLS
SHL [671' FSL, 142' FWL]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Top Salt	1343.00	0.00	0.00	1343.00	0.00	0.00	0.00	0.00
Base Salt	1963.00	0.00	0.00	1963.00	0.00	0.00	0.00	0.00
Lamar Lm	2214.00	0.00	0.00	2214.00	0.00	0.00	0.00	0.00
Bell Canyon	2267.00	0.00	0.00	2267.00	0.00	0.00	0.00	0.00
Brushy Canyon	4116.00	0.00	0.00	4116.00	0.00	0.00	0.00	0.00
Bone Spring Lime	5705.00	0.00	0.00	5705.00	0.00	0.00	0.00	0.00
1BSSD	6707.00	0.00	0.00	6707.00	0.00	0.00	0.00	0.00
2BSSD	7061.00	0.00	0.00	7061.00	0.00	0.00	0.00	0.00
3BSSD	8465.00	0.00	0.00	8465.00	0.00	0.00	0.00	0.00
Wolfcamp	8806.00	0.00	0.00	8806.00	0.00	0.00	0.00	0.00
Wolfcamp A2	9297.00	0.00	0.00	9297.00	0.00	0.00	0.00	0.00
Wolfcamp B	9466.00	0.00	0.00	9466.00	0.00	0.00	0.00	0.00
Wolfcamp C	9565.00	0.00	0.00	9565.00	0.00	0.00	0.00	0.00
Wolfcamp D	9658.00	0.00	0.00	9658.00	0.00	0.00	0.00	0.00
Wolfcamp E	10215.00	0.00	0.00	10215.00	0.00	0.00	0.00	0.00
Cisco	10484.00	0.00	0.00	10484.00	0.00	0.00	0.00	0.00
Atoka	10843.00	0.00	0.00	10843.00	0.00	0.00	0.00	0.00
L Miss	12848.00	0.00	0.00	12848.00	0.00	0.00	0.00	0.00
Woodford	13129.00	0.00	0.00	13129.00	0.00	0.00	0.00	0.00
Devonian	13238.00	0.00	0.00	13238.00	0.00	0.00	0.00	0.00
Cimarex Patriot 9 State SWD #1 - PBHL [671' FSL, 142' FWL]	14238.00	0.00	0.00	14238.00	0.00	0.00	0.00	0.00



CONTROLLED	
Plan ref	Cimarex Patriot 9 State SWD #1 Rev0 RM 14Aug20
Drawing ref	
Copy number	of 3
Date	14-Aug-2020
1	Client
2	Client
3	Office
4	Office
Copy number	for

Leaseline
200' Hardline



Vertical Section (ft) Azim = 0.00° Scale = 1:861.76(ft) Origin = 0N/-S, 0E/-W

Hydrogen Sulfide Drilling Operations Plan

Patriot 9 State SWD 1

Cimarex Energy Co.

UL: M, Sec. 9, 25S, 27E

Eddy Co., NM

- 1 All Company and Contract personnel admitted on location must be trained by a qualified H₂S safety instructor to the following:
 - A. Characteristics of H₂S
 - B. Physical effects and hazards
 - C. Principal and operation of H₂S detectors, warning system and briefing areas.
 - D. Evacuation procedure, routes and first aid.
 - E. Proper use of safety equipment & life support systems
 - F. Essential personnel meeting Medical Evaluation criteria will receive additional training on the proper use of 30 minute pressure demand air packs.

H₂S Detection and Alarm Systems:

 - A. H₂S sensors/detectors to be located on the drilling rig floor, in the base of the sub structure/cellar area, on the mud pits in the shale shaker area. Additional H₂S detectors may be placed as deemed necessary.
 - B. An audio alarm system will be installed on the derrick floor and in the top doghouse.
- 3 Windsock and/or wind streamers:
 - A. Windsock at mudpit area should be high enough to be visible.
 - B. Windsock on the rig floor and / or top doghouse should be high enough to be visible.
- 4 Condition Flags and Signs
 - A. Warning sign on access road to location.
 - B. Flags to be displayed on sign at entrance to location. Green flag indicates normal safe condition. Yellow flag indicates potential pressure and danger. Red flag indicates danger (H₂S present in dangerous concentration). Only H₂S trained and certified personnel admitted to location.
- 5 Well control equipment:
 - A. See exhibit "E-1"
- 6 Communication:
 - A. While working under masks chalkboards will be used for communication.
 - B. Hand signals will be used where chalk board is inappropriate.
 - C. Two way radio will be used to communicate off location in case of emergency help is required. In most cases cellular telephones will be available at most drilling foreman's trailer or living quarters.
- 7 Drillstem Testing:

No DSTs or cores are planned at this time.
- 8 Drilling contractor supervisor will be required to be familiar with the effects H₂S has on tubular goods and other mechanical equipment.
- 9 If H₂S is encountered, mud system will be altered if necessary to maintain control of formation. A mud gas separator will be brought into service along with H₂S scavengers if necessary.

H₂S Contingency Plan
Patriot 9 State SWD 1
Cimarex Energy Co.
UL: M, Sec. 9, 25S, 27E
Eddy Co., NM

Emergency Procedures

In the event of a release of gas containing H₂S, the first responder(s) must:

- « Isolate the area and prevent entry by other persons into the 100 ppm ROE.
- « Evacuate any public places encompassed by the 100 ppm ROE.
- « Be equipped with H₂S monitors and air packs in order to control the release.
- « Use the "buddy system" to ensure no injuries occur during the 432-620-1975
- « Take precautions to avoid personal injury during this operation.
- « Contact operator and/or local officials to aid in operation. See list of phone numbers attached.
- « Have received training in the:
 - Detection of H₂S, and
 - Measures for protection against the gas,
 - Equipment used for protection and emergency response.

Ignition of Gas Source

Should control of the well be considered lost and ignition considered, take care to protect against exposure to Sulfur Dioxide (SO₂). Intentional ignition must be coordinated with the NMOCD and local officials. Additionally, the NM State Police may become involved. NM State Police shall be the Incident Command on scene of any major release. Take care to protect downwind whenever there is an ignition of the gas.

Characteristics of H₂S and SO₂

Please see attached International Chemical Safety Cards.

Contacting Authorities

Cimarex Energy Co. of Colorado's personnel must liaise with local and state agencies to ensure a proper response to a major release. Additionally, the OCD must be notified of the release as soon as possible but no later than 4 hours. Agencies will ask for information such as type and volume of release, wind direction, location of release, etc. Be prepared with all information available including directions to site. The following call list of essential and potential responders has been prepared for use during a release. Cimarex Energy Co. of Colorado's response must be in coordination with the State of New Mexico's "Hazardous Materials Emergency Response Plan" (HMER).

H₂S Contingency Plan Emergency Contacts**Patriot 9 State SWD 1**

Cimarex Energy Co.

UL: M, Sec. 9, 25S, 27E

Eddy Co., NM

Company Office

Cimarex Energy Co. of Colorado	800-969-4789
Co. Office and After-Hours Menu	

Key Personnel

Name	Title	Office	Mobile
Larry Seigrist	Drilling Manager	432-620-1934	580-243-8485
Charlie Pritchard	Drilling Superintendent	432-620-1975	432-238-7084
Roy Shirley	Construction Superintendent		432-634-2136

Artesia

Ambulance	911
State Police	575-746-2703
City Police	575-746-2703
Sheriff's Office	575-746-9888
Fire Department	575-746-2701
Local Emergency Planning Committee	575-746-2122
New Mexico Oil Conservation Division	575-748-1283

Carlsbad

Ambulance	911
State Police	575-885-3137
City Police	575-885-2111
Sheriff's Office	575-887-7551
Fire Department	575-887-3798
Local Emergency Planning Committee	575-887-6544
US Bureau of Land Management	575-887-6544

Santa Fe

New Mexico Emergency Response Commission (Santa Fe)	505-476-9600
New Mexico Emergency Response Commission (Santa Fe) 24 Hrs	505-827-9126
New Mexico State Emergency Operations Center	505-476-9635

National

National Emergency Response Center (Washington, D.C.)	800-424-8802
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Medical

Flight for Life - 4000 24th St.; Lubbock, TX	806-743-9911
Aerocare - R3, Box 49F; Lubbock, TX	806-747-8923
Med Flight Air Amb - 2301 Yale Blvd S.E., #D3; Albuquerque, NM	505-842-4433
SB Air Med Service - 2505 Clark Carr Loop S.E.; Albuquerque, NM	505-842-4949

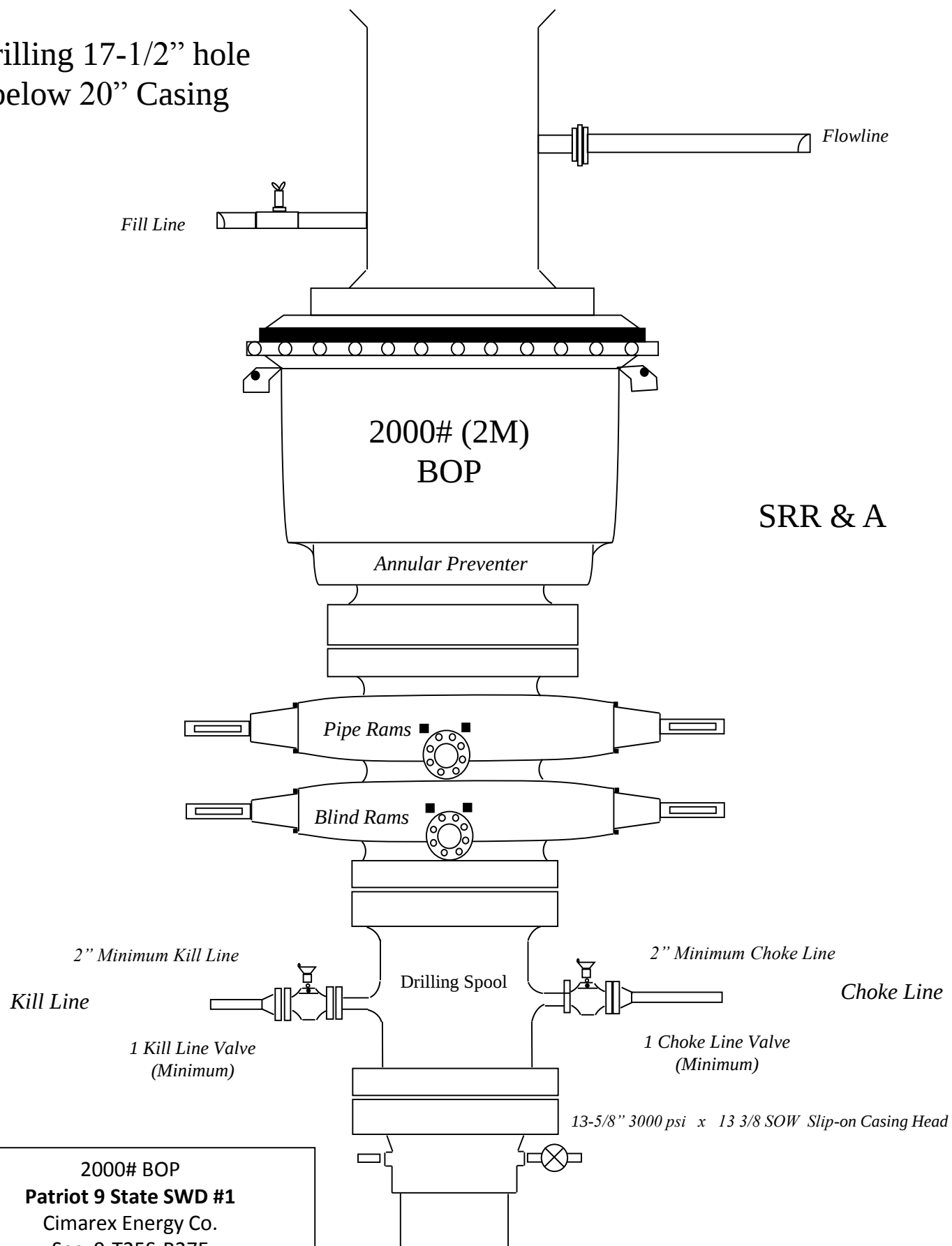
Other

Boots & Coots IWC	800-256-9688	or	281-931-8884
Cudd Pressure Control	432-699-0139	or	432-563-3356
Halliburton	575-746-2757		
B.J. Services	575-746-3569		

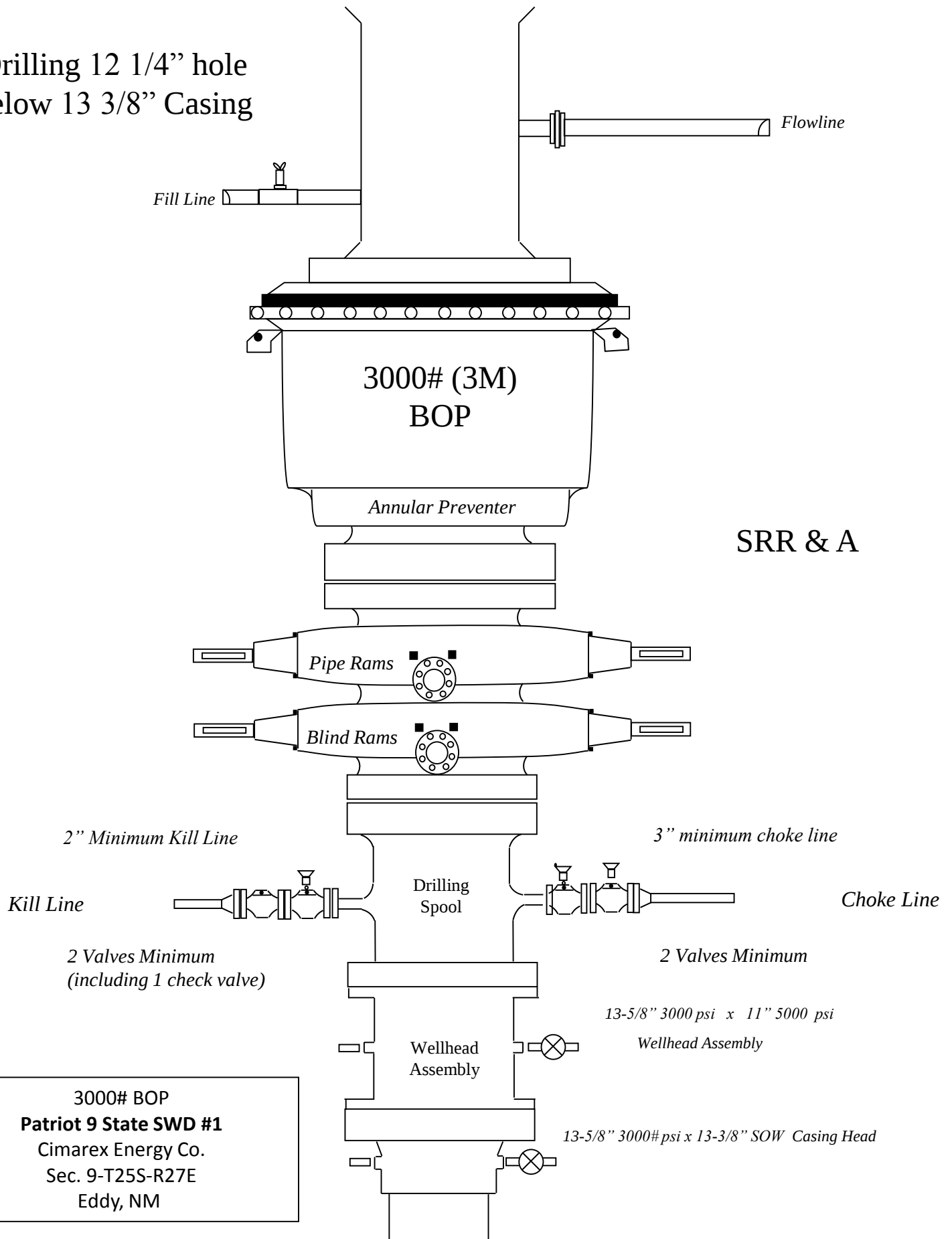
Estimated Geological Formation Tops – Patriot 9 State SWD #1

Top of Salt	1,160'	Atoka	10,522'
Base of Salt	1,875'	Morrow	11,120'
Delaware Group	2,250'	Barnett	12,145'
Bone Spring	5,530'	Mississippian	12,415'
Wolfcamp	8,650'	Woodford	12,630'
Cisco/Canyon	10,105'	Devonian	12,750'
Strawn	10,336'		

Drilling 17-1/2" hole
below 20" Casing



Drilling 12 1/4" hole
below 13 3/8" Casing



Drilling 8 3/4" hole
below 9 5/8" Casing

Fill Line

Flowline

5000# (5M)
BOP

Annular Preventer

SRR & A

Pipe Rams

Blind Rams

2" Minimum Kill Line

Kill Line

Drilling
Spool

3" minimum choke line

Choke Line

2 Valves Minimum
(HCR Required)

2 Valves and a check valve

Wellhead
Assembly

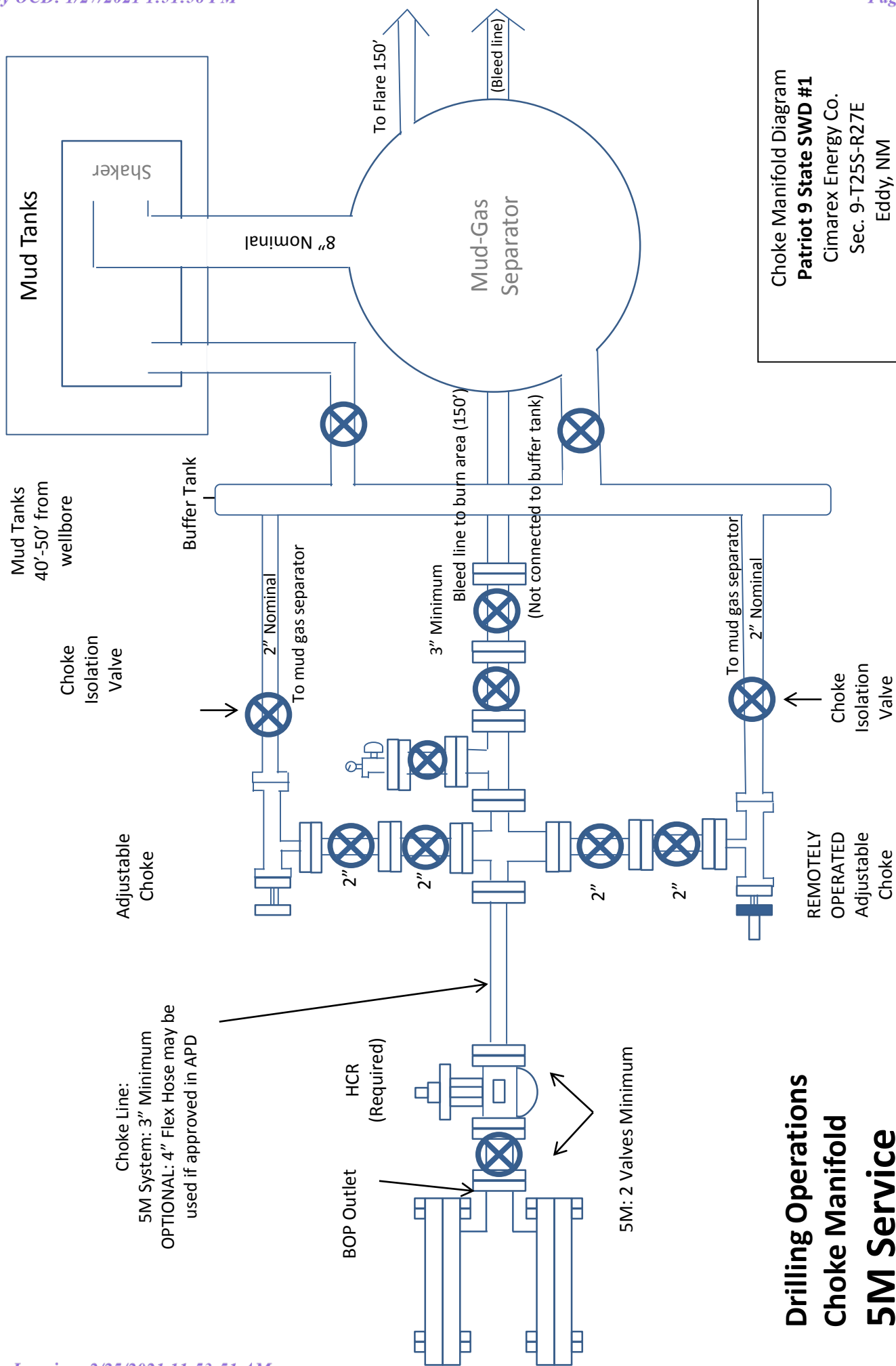
11" 5000 psi x 7-1/16" 10,000 psi
Wellhead Assembly

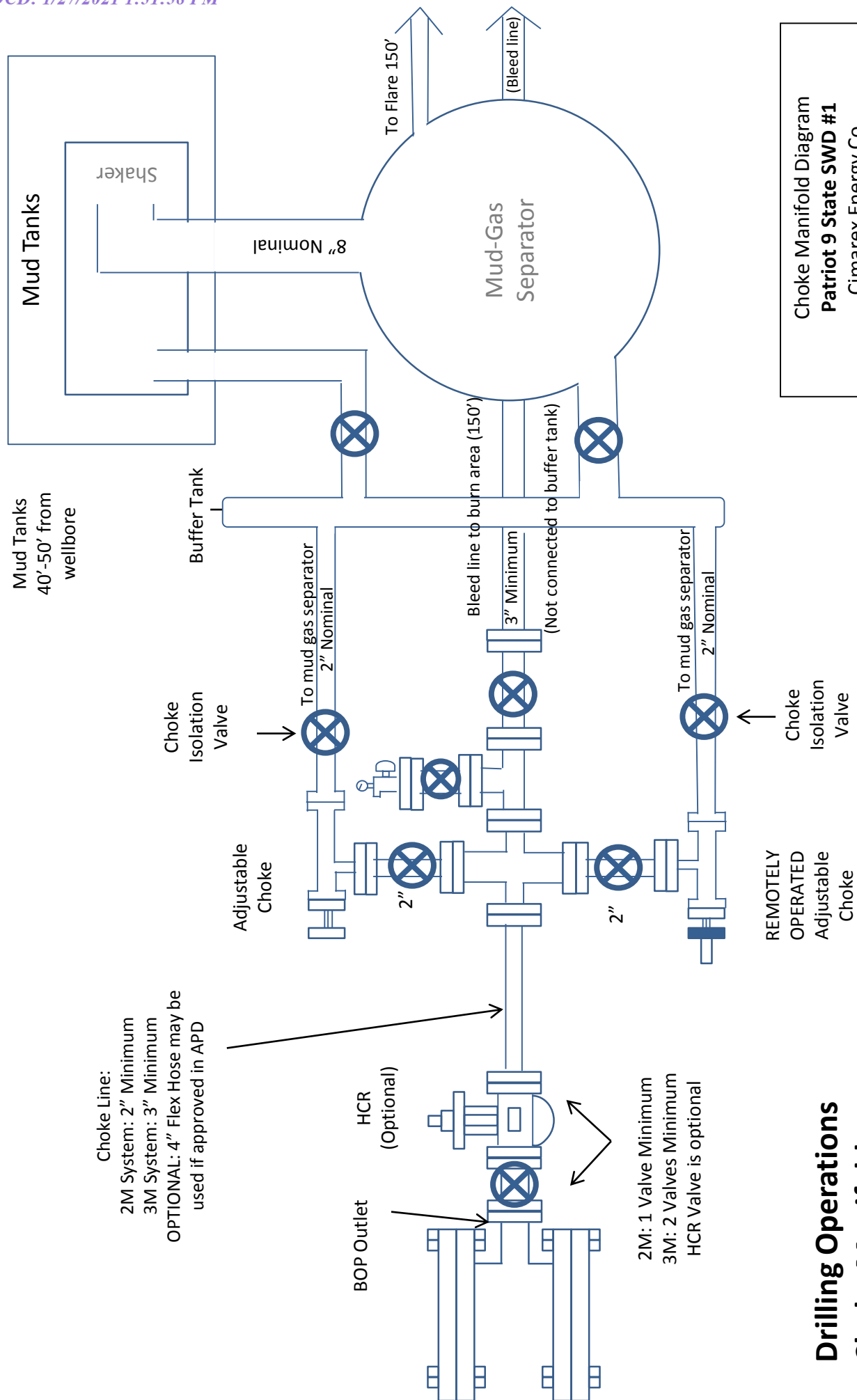
Wellhead
Assembly

13-5/8" 3000 psi x 11" 5000 psi
Wellhead Assembly

13-5/8" 3000# psi x 13-3/8" SOW Casing Head

5000# BOP
Patriot 9 State SWD #1
Cimarex Energy Co.
Sec. 9-T25S-R27E
Eddy, NM





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

COMMENTS

Action 15685

COMMENTS

Operator:	OGRID:	Action Number:	Action Type:
CIMAREX ENERGY CO. 600 N. Marienfeld Street Suite 600 Midland, TX79701	215099	15685	APD

Created By	Comment	Comment Date
kpickford	KP GEO Review 2/23/2021	02/23/2021
kpickford	SWD 2380	02/23/2021
kpickford	UIC review complete 2/23/2021	02/23/2021

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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

CONDITIONS

Action 15685

CONDITIONS OF APPROVAL

Operator:	OGRID:	Action Number:	Action Type:
CIMAREX ENERGY CO. 600 N. Marienfeld Street Suite 600 Midland, TX79701	215099	15685	APD

OCD Reviewer	Condition
kpickford	Notify OCD 24 hours prior to casing & cement