

Well Name: CUTBOW 36 1 FEDERAL COM	Well Location: T19S / R32E / SEC 25 / SESW /	County or Parish/State:
Well Number: 501H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM77054	Unit or CA Name:	Unit or CA Number:
US Well Number: 3002551649	Well Status: Approved Application for Permit to Drill	Operator: AVANT OPERATING LLC

Notice of Intent

Sundry ID: 2755141

Type of Submission: Notice of Intent	Type of Action: APD Change
Date Sundry Submitted: 10/05/2023	Time Sundry Submitted: 03:08
Date proposed operation will begin: 10/05/2023	

Procedure Description: Avant Operating, LLC requests to move the SHL from what was originally permitted. The SHL will move from 761' FSL & 1440' FWL to 757' FSL & 1452' FWL, with 20' spacing between surface hole locations. Please see attached updated well plat and pad plat to reflect this change.

NOI Attachments

Procedure Description

Cutbow_36_1_Federal_Com_501H_C_102_Plat__cert_10_4_23__20231005150757.pdf

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Operator

I certify that the foregoing is true and correct. Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction. Electronic submission of Sundry Notices through this system satisfies regulations requiring a

Operator Electronic Signature: MEGHAN TWELE	Signed on: OCT 05, 2023 03:08 PM
Name: AVANT OPERATING LLC	
Title: Contract Regulatory Analyst	
Street Address: 1515 WYNKOOP ST SUITE 700	
City: DENVER	State: CO
Phone: (720) 339-6880	
Email address: MTWELE@OUTLOOK.COM	

Field

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

BLM Point of Contact

BLM POC Name: CODY LAYTON	BLM POC Title: Assistant Field Manager Lands & Minerals
BLM POC Phone: 5752345959	BLM POC Email Address: clayton@blm.gov
Disposition: Approved	Disposition Date: 01/19/2024
Signature: Cody R. Layton	

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

DISTRICT II
811 S. First St., Artesia, N.M. 88210
Phone: (575) 748-1283 Fax: (575) 748-9720

DISTRICT III
1000 Rio Brazos Rd., Aztec, N.M. 87410
Phone: (505) 334-6178 Fax: (505) 334-6170

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

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, N.M. 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 30-025-51649	² Pool Code 27220	³ Pool Name Gem;Bone Spring
⁴ Property Code 333338	⁵ Property Name Cutbow 36 1 Federal Com	⁶ Well Number 501H
⁷ GRID No. 330396	⁸ Operator Name Avant Operating, LLC	⁹ Elevation 3581

¹⁰ Surface Location

UL or lot no. N	Section 25	Township 19 S	Range 32 E	Lot Idn	Feet from the 757	North/South line South	Feet from the 1452	East/West line West	County Lea
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¹¹ Bottom Hole Location If Different From Surface

UL or lot no. M	Section 1	Township 20 S	Range 32 E	Lot Idn	Feet from the 100	North/South line South	Feet from the 330	East/West line West	County Lea
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¹² Dedicated Acres SECTION 36: NW/4, N/2SW/4, LOT 1 (38.86), LOT 2 (39.19); 318.05 Ac. SECTION 1: LOT 4 (39.47), LOT 3 (39.63), S/2NW/4, SW/4; 319.10 Ac. TOTAL: 637.15 Ac.	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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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

16

W/4 SEC 25
Y= 593942.33 N
X= 727599.68 E
2646.84'

N 00°32'20" W
1182.46'

S 71°06'06" W
475.01'

S 00°29'11" E 330'
375'

NW/4 SEC 36
Y= 591295.61 N
X= 727624.58 E
2641.93'

N 00°17'39" W
10,372.57'

S 00°08'59" E
Y= 588653.71 N
X= 727638.14 E
2592.98'

N 00°19'25" W
2660.06'

PPP-1

SW/4 SEC 36
Y= 586060.77 N
X= 727652.78 E

N 00°00'29" E
2679.02'

PPP-2

W/4 SEC 1
Y= 583400.71 N
X= 727652.41 E

N 00°00'19" E
2645.99'

PPP-3

SW/4 SEC 1
Y= 580721.69 N
X= 727652.17 E

Section 25

NM 014790

NM 012413

S 89°56'03" W
2637.80'

N/4 SEC 36
Y= 591298.64 N
X= 730262.38 E

1452'

100'

FTP

Section 36

1202902 D/C

S 89°36'53" W
2646.91'

Lot 1 (38.86)

Lot 2 (39.19)

Lot 3 (39.51)

Lot 4 (39.84)

NM 077054

T-19-S

T-20-S

S/4 SEC 36
Y= 586078.58 N
X= 730299.63 E

672517 D/C

Lot 4 (39.47)

Lot 3 (39.63)

Lot 2 (39.77)

Lot 1 (39.93)

NM 077054

Section 1

E/4 SEC 1
Y= 583397.38 N
X= 732938.15 E

N 00°17'00" W
2648.08'

SE/4 SEC 1
Y= 580749.33 N
X= 732951.24 E

S 89°41'38" W
2645.99'

S 89°42'30" W
2653.16'

SW/4 SEC 1
Y= 580735.83 N
X= 730298.11 E

Legend:
● = Surface Location
□ = Bottom Hole Location/LTP
△ = First Take Point (FTP)
□ = Kick Off Point (KOP)
● = Found 1911 USGLO Brass Cap
● = Found 1912 USGLO Brass Cap
● = Found 1919 USGLO Brass Cap
◎ = Found 1943 USGLO Brass Cap

17 OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Signature
Meghan Twele

Date
10/5/23

Printed Name
mtwele@outlook.com

E-mail Address

18 SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

2/13/22

Date of Survey
Plat Revised: 9/20/23
Signature and Seal of Professional Surveyor

17078

Certificate Number

SURFACE LOCATION
NAD 83 NMSPC ZONE 3001
Y= 592053.97 N
X= 729069.78 E
LAT.= 32.6261257° N
LONG.= 103.7235466° W

KICK OFF POINT
NAD 83 NMSPC ZONE 3001
375' FSL, 330' FWL
SEC. 25, T19S, R32E
Y= 591670.98 N
X= 727951.06 E
LAT.= 32.6250906° N
LONG.= 103.7271873° W

FIRST TAKE POINT
NAD 83 NMSPC ZONE 3001
100' FNL, 330' FWL
SEC. 36, T19S, R32E
Y= 591195.99 N
X= 727955.09 E
LAT.= 32.6237849° N
LONG.= 103.7271830° W

PPP-1
NAD 83 NMSPC ZONE 3001
0' FNL, 316' FWL
SEC. 1, T20S, R32E
Y= 586062.90 N
X= 727968.50 E
LAT.= 32.6096760° N
LONG.= 103.7272346° W

PPP-2
NAD 83 NMSPC ZONE 3001
1342' FNL, 319' FWL
SEC. 1, T20S, R32E
Y= 584720.51 N
X= 727972.00 E
LAT.= 32.6059863° N
LONG.= 103.7272480° W

PPP-3
NAD 83 NMSPC ZONE 3001
1339' FSL, 327' FWL
SEC. 1, T20S, R32E
Y= 582061.97 N
X= 727978.94 E
LAT.= 32.5986790° N
LONG.= 103.7272747° W

LAST TAKE POINT
NAD 83 NMSPC ZONE 3001
100' FSL, 330' FWL
SEC. 1, T20S, R32E
Y= 580823.45 N
X= 727982.18 E
LAT.= 32.5952747° N
LONG.= 103.7272871° W

BOTTOM HOLE LOCATION
NAD 83 NMSPC ZONE 3001
Y= 580823.45 N
X= 727982.18 E
LAT.= 32.5952747° N
LONG.= 103.7272871° W

Released to Imaging: 2/16/2024 9:39:50 AM

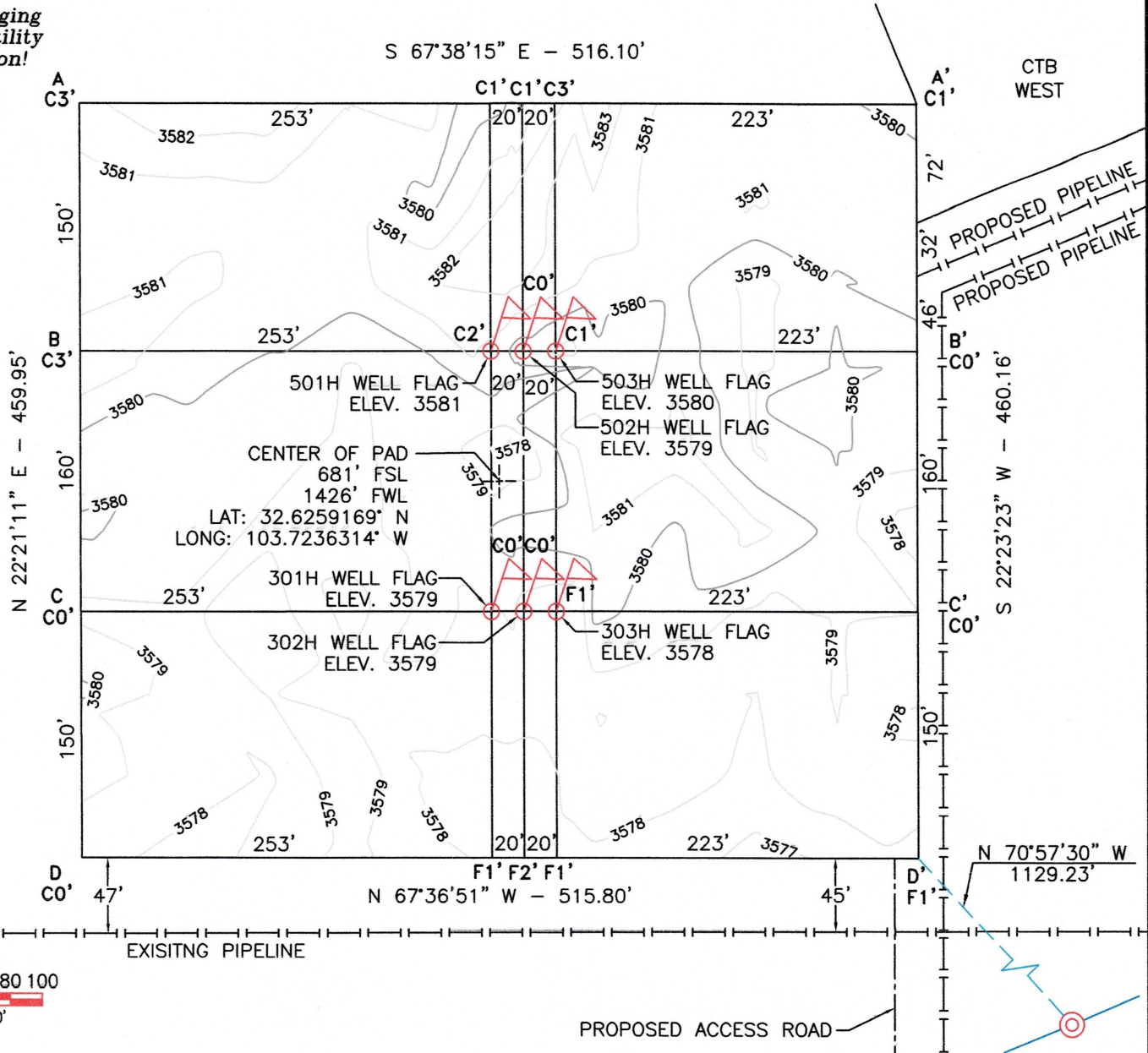
AVANT OPERATING, LLC

CUTBOW PAD 2

SECTION 25, T-19-S, R-32-E, N.M.P.M., LEA COUNTY, N.M.

*Before digging
call for utility
line location!*

PROPOSED
ELEVATION
3579'



0 20 40 60 80 100

SCALE: 1"=100'

NOTES:

1. ALL BEARINGS, DISTANCES & COORDINATES SHOWN ARE BASED UPON THE NEW MEXICO STATE PLANE COORDINATE SYSTEM, EAST ZONE, NAD 83, IN U.S. SURVEY FEET.
2. CONTRACTOR SHALL CONTACT "ONE-CALL" FOR LOCATION OF ANY MARKED OR UNMARKED BURIED PIPELINE OR CABLES ON WELL PAD AND/OR ACCESS ROAD AT LEAST TWO (2) WORKING DAYS PRIOR TO CONSTRUCTION.
3. UNITED FIELD SERVICES, INC. IS NOT LIABLE FOR UNDERGROUND UTILITIES OR PIPELINES.
4. CUT AND FILL CALCULATIONS ARE ROUNDED TO THE NEAREST FOOT.

I, MARSHALL W. LINDEEN, NEW MEXICO PROFESSIONAL SURVEYOR NO. 17078, DO HEREBY CERTIFY THAT THIS SURVEY PLAT AND THE ACTUAL SURVEY ON THE GROUND UPON WHICH IT IS BASED WERE PERFORMED BY ME OR UNDER MY DIRECT SUPERVISION; THAT I AM RESPONSIBLE FOR THIS SURVEY; THAT THIS SURVEY MEETS THE MINIMUM STANDARDS FOR SURVEYING IN NEW MEXICO; AND THAT IT IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF. I FURTHER CERTIFY THAT THIS SURVEY IS NOT A LAND DIVISION OR SUBDIVISION AS DEFINED IN THE NEW MEXICO SUBDIVISION ACT.

MARSHALL W. LINDEEN P.S. #17078

DATE

PAGE 1 OF 3

OWNER	SQ. FT.	ACRES
BUREAU OF LAND MANAGEMENT	237,366	5.449

AVANT OPERATING, LLC

SURVEYED: 02/13/22, 08/24/23 & 09/15/23	REV. DATE: 09/25/23	APP. BY: M.W.L.
DRAWN BY: K.S.	DATE DRAWN: 09/19/23	FILE NAME: 11646-T02

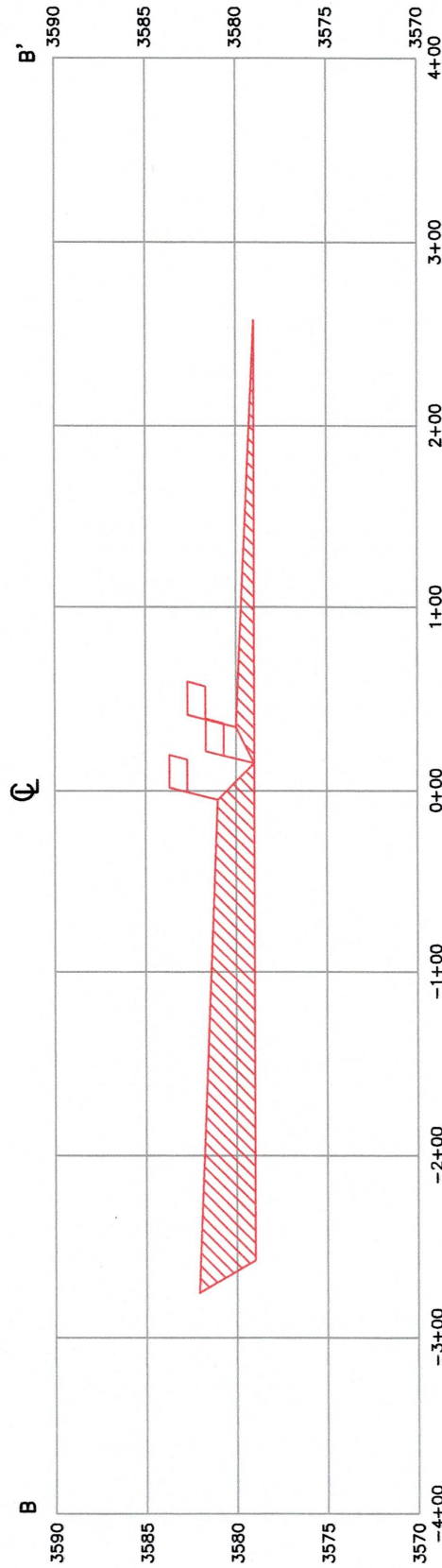
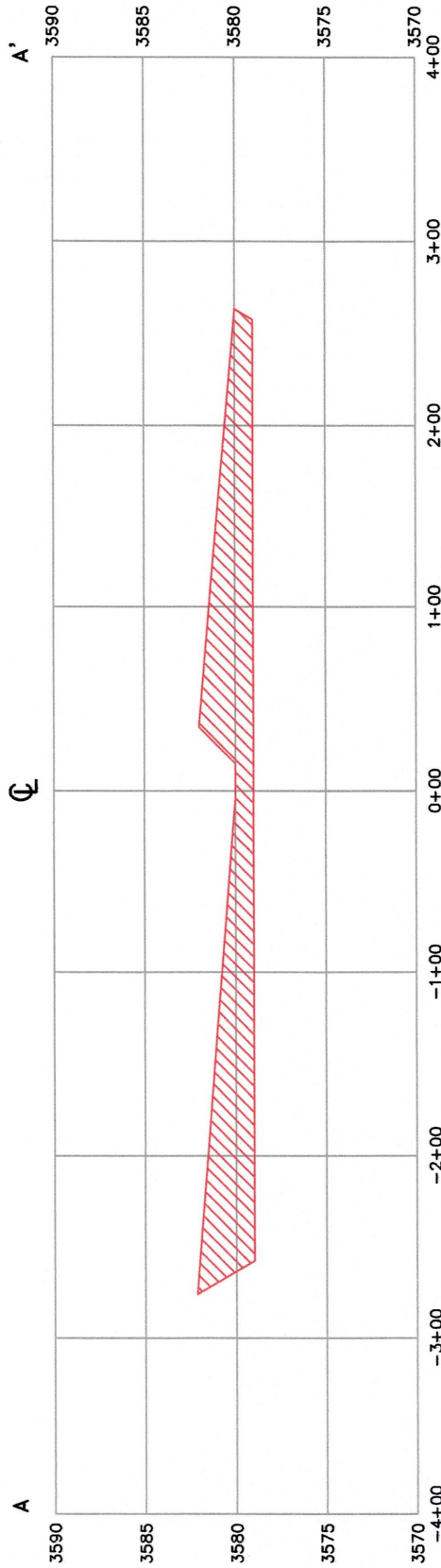


P.O. BOX 3651
FARMINGTON, NM 87499
OFFICE: (505) 334-0408

AVANT OPERATING, LLC

CUTBOW PAD 2

SECTION 25, T-19-S, R-32-E, N.M.P.M., LEA COUNTY, N.M.



PAGE 2 OF 3

Horizontal Scale: 1" = 100'
Vertical Scale: 1" = 10'

AVANT OPERATING, LLC

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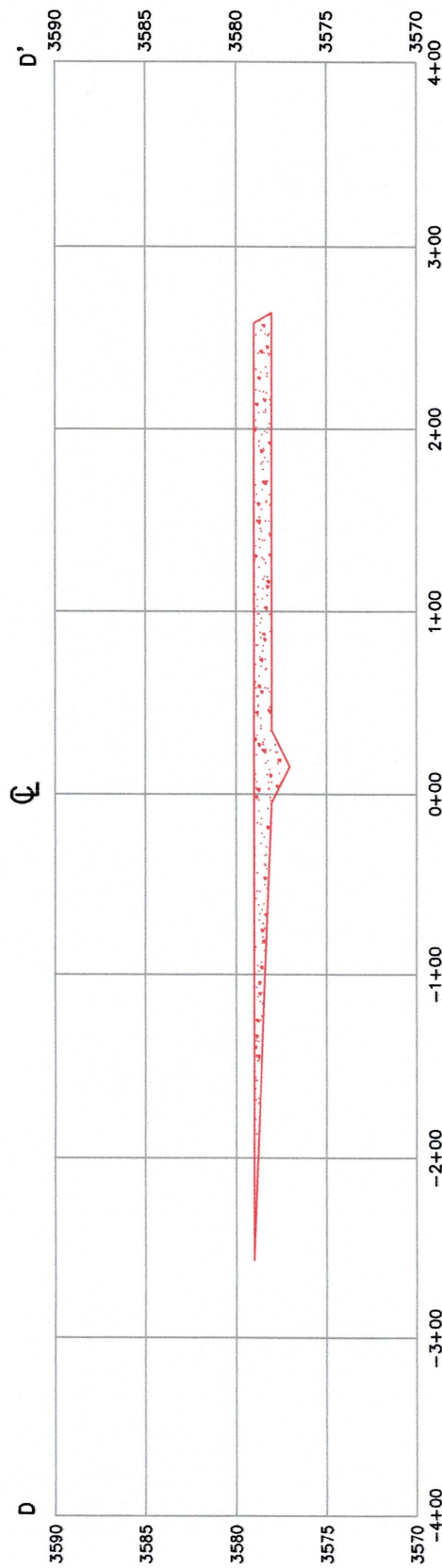
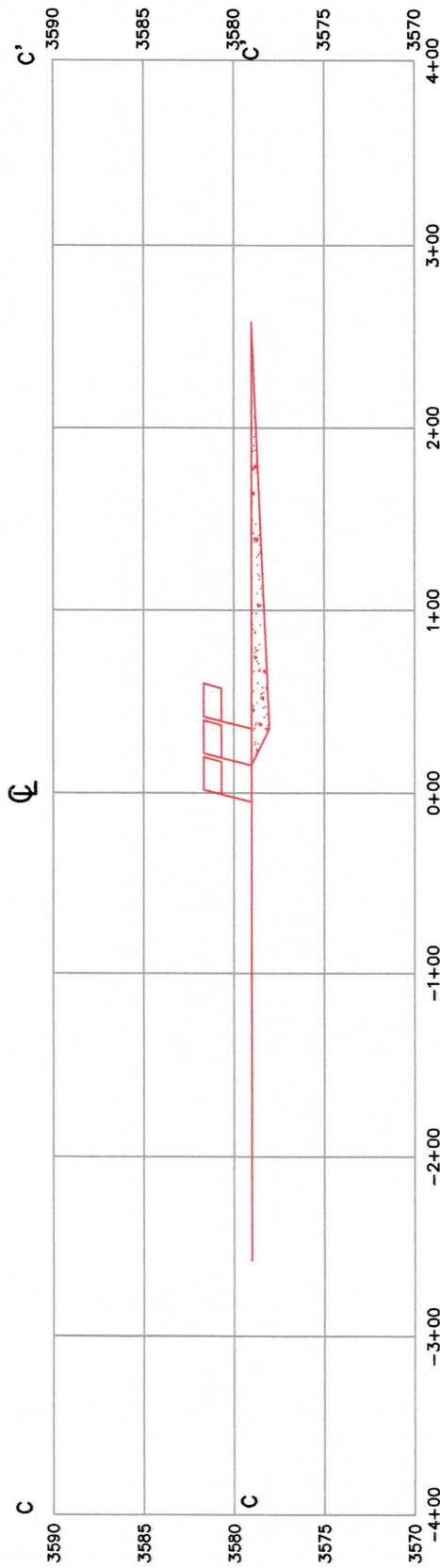


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CUTBOW PAD 2

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PAGE 3 OF 3

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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

CONDITIONS

Action 305763

CONDITIONS

Operator: Avant Operating, LLC 1515 Wynkoop Street Denver, CO 80202	OGRID: 330396
	Action Number: 305763
	Action Type: [C-103] NOI Change of Plans (C-103A)

CONDITIONS

Created By	Condition	Condition Date
pkautz	None	2/16/2024