

Submit a Copy To Appropriate District
Office
District I – (575) 393-6161
1625 N. French Dr., Hobbs, NM 88240
District II – (575) 748-1283
811 S. First St., Artesia, NM 88210
District III – (505) 334-6178
1000 Rio Brazos Rd., Aztec, NM 87410
District IV – (505) 476-3460
1220 S. St. Francis Dr., Santa Fe, NM
87505

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
Revised July 18, 2013

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

WELL API NO. 30-015-49910
5. Indicate Type of Lease STATE ☒ FEE ☐
6. State Oil & Gas Lease No. X006470305
7. Lease Name or Unit Agreement Name BURNS 34 35 STATE COM
8. Well Number 232H
9. OGRID Number 24010
10. Pool name or Wildcat TRAVIS; BONE SPRING
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3547 GR

SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well: Oil Well ☒ Gas Well ☐ Other ☐
2. Name of Operator V-F PETROLEUM INC
3. Address of Operator P.O. BOX 1889 MIDLAND, TX 79702
4. Well Location Unit Letter_C :_330_ feet from the _NORTH_ line and _2260_ feet from the _WEST_ line Section 34 Township 18S Range 28E NMPM EDDY County
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3547 GR

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:
PERFORM REMEDIAL WORK ☐	REMEDIAL WORK ☐
TEMPORARILY ABANDON ☐	ALTERING CASING ☐
PULL OR ALTER CASING ☐	COMMENCE DRILLING OPNS. ☐
DOWNHOLE COMMINGLE ☐	P AND A ☐
CLOSED-LOOP SYSTEM ☐	CASING/CEMENT JOB ☐
OTHER: ☐	OTHER: ☐

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

V-F PETROLEUM INC requests to change the SL & BHL for the subject well as follows:

Permitted SL: NENW, 330 FNL 2260 FWL, Sec. 34 T18S – R28E

Permitted BHL: NENW, 330 FNL 2540 FWL, Sec. 35 T18S – R28E

New Requested SL: NWNE, 330 FNL 2100 FEL, Sec. 34 T18S – R28E

New Requested BHL: NENW, 330 FNL 2503 FWL, Sec. 35 T18S – R28E

Please see the attached updated documentation.

Spud Date: 2/15/23 Rig Release Date: 3/2/23

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE  TITLE GEOLOGIST DATE 1/9/23

Type or print name JASON J. LODGE E-mail address: JASON@VFPETROLEUM.COM PHONE: 432-683-3344

For State Use Only

APPROVED BY: _____ TITLE _____ DATE _____

Conditions of Approval (if any):

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
DISTRICT IV
1220 S. St. Francis Dr., Santa Fe, NM 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, New Mexico 87505

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

☒ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-49823	Pool Code 97257	Pool Name Travis; Bone Spring
Property Code 333158	Property Name BURNS 34/35 STATE COM	Well Number 222H
OGRID No. 24010	Operator Name V-F PETROLEUM INC	Elevation 3559'

Surface Location

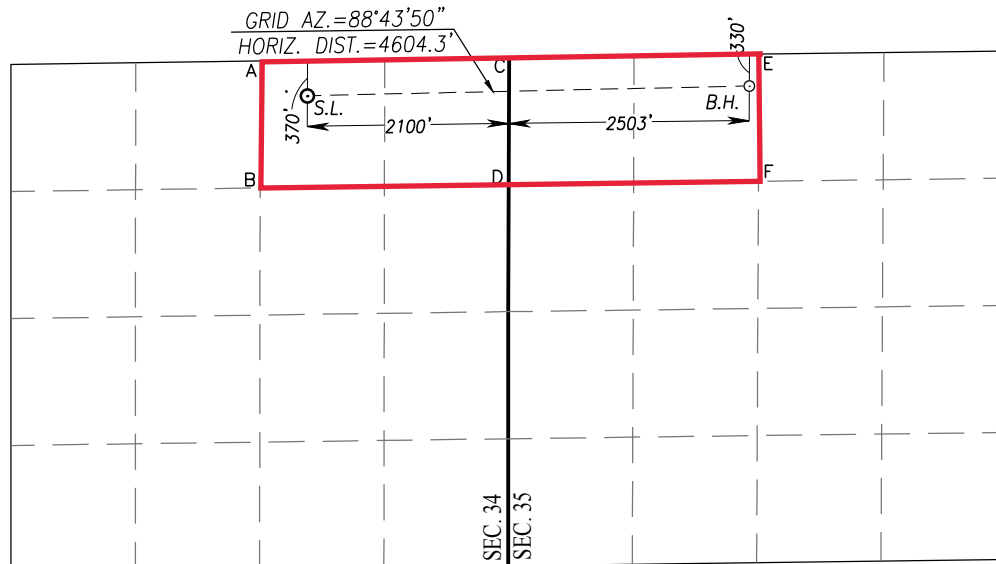
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
B	34	18-S	28-E		370	NORTH	2100	EAST	EDDY

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
C	35	18-S	28-E		330	NORTH	2503	WEST	EDDY

Dedicated Acres 160	Joint or Infill	Consolidation Code C	Order No. R-22452
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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



OPERATOR CERTIFICATION

I hereby certify that the information 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 mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Jason J. Lodge 1/9/23
Signature Date

Jason J. Lodge

Printed Name

Jason@vfpetroleum.com

E-mail Address

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.

DECEMBER 1, 2022
Date of Survey
Signature & Seal of Professional Surveyor



Certificate Number Gary G. Eidson 12641
Ronald J. Eidson 3239

ACK Rel.: 19.13.0664 JWSC W.O.: 22.11.0414

GEODETIC COORDINATES

NAD 27 NME
SURFACE LOCATION
Y= 622216.9 N
X= 552754.7 E
LAT.=32.710454° N
LONG.=104.161818° W

CORNER COORDINATES TABLE

NAD 27 NME
A - Y= 622579.6 N, X= 552263.9 E
B - Y= 621256.5 N, X= 552262.2 E
C - Y= 622618.2 N, X= 554855.4 E
D - Y= 621293.5 N, X= 554851.3 E
E - Y= 622650.0 N, X= 557458.2 E
F - Y= 621325.9 N, X= 557452.0 E

BOTTOM HOLE LOCATION

NAD 27 NME
Y= 622318.8 N
X= 557356.7 E
LAT.=32.710713° N
LONG.=104.146856° W

GEODETIC COORDINATES

NAD 83 NME
SURFACE LOCATION
Y= 622279.4 N
X= 593934.1 E
LAT.=32.710571° N
LONG.=104.162328° W

CORNER COORDINATES TABLE

NAD 83 NME
A - Y= 622642.1 N, X= 593443.3 E
B - Y= 621319.0 N, X= 593441.6 E
C - Y= 622680.7 N, X= 596034.8 E
D - Y= 621356.0 N, X= 596030.7 E
E - Y= 622712.6 N, X= 598637.7 E
F - Y= 621388.5 N, X= 598631.4 E

BOTTOM HOLE LOCATION

NAD 83 NME
Y= 622381.4 N
X= 598536.1 E
LAT.=32.710830° N
LONG.=104.147366° W

Intent ☐ As Drilled ☐

API #		
Operator Name:	Property Name:	Well Number

Kick Off Point (KOP)

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

First Take Point (FTP)

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

Last Take Point (LTP)

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

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

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

API #		
Operator Name:	Property Name:	Well Number

KZ 06/29/2018

V-F Petroleum, Inc.
 Project: Eddy County, NM
 Site: Sec 34-T18S-R28E
 Well: Burns 34/35 State Com 222H
 Wellbore: Wellbore #1
 Plan: Plan #1 (Burns 34/35 State Com 222H/Wellbore #1)

WELL DETAILS: Burns 34/35 State Com 222H

Ground Elevation: 3559.0
 RKB Elevation: 3559+25 @ 3584.0usft
 Rig Name:

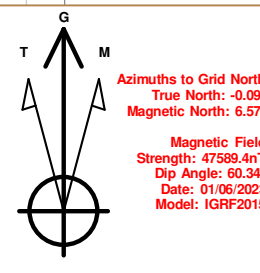
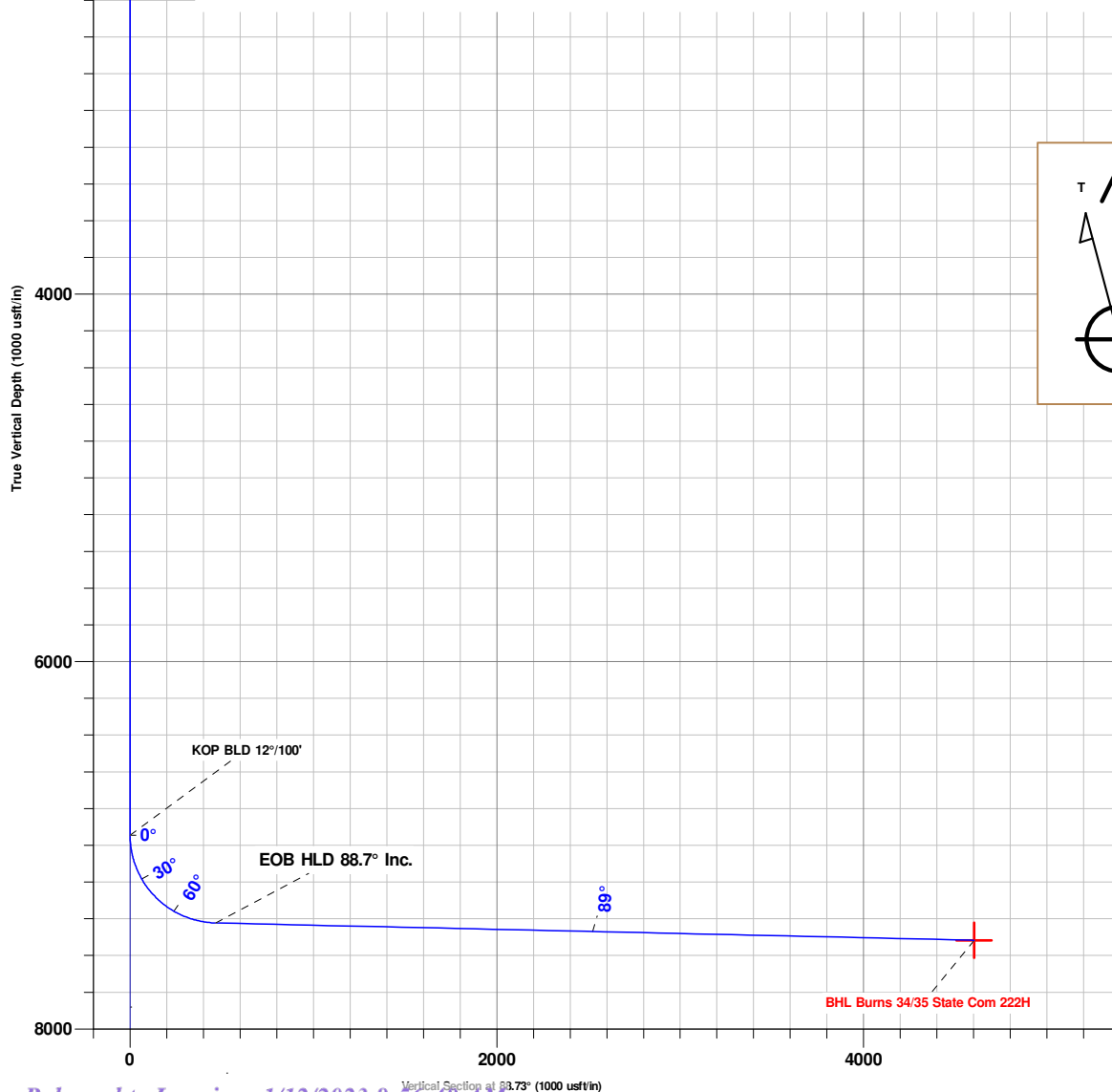
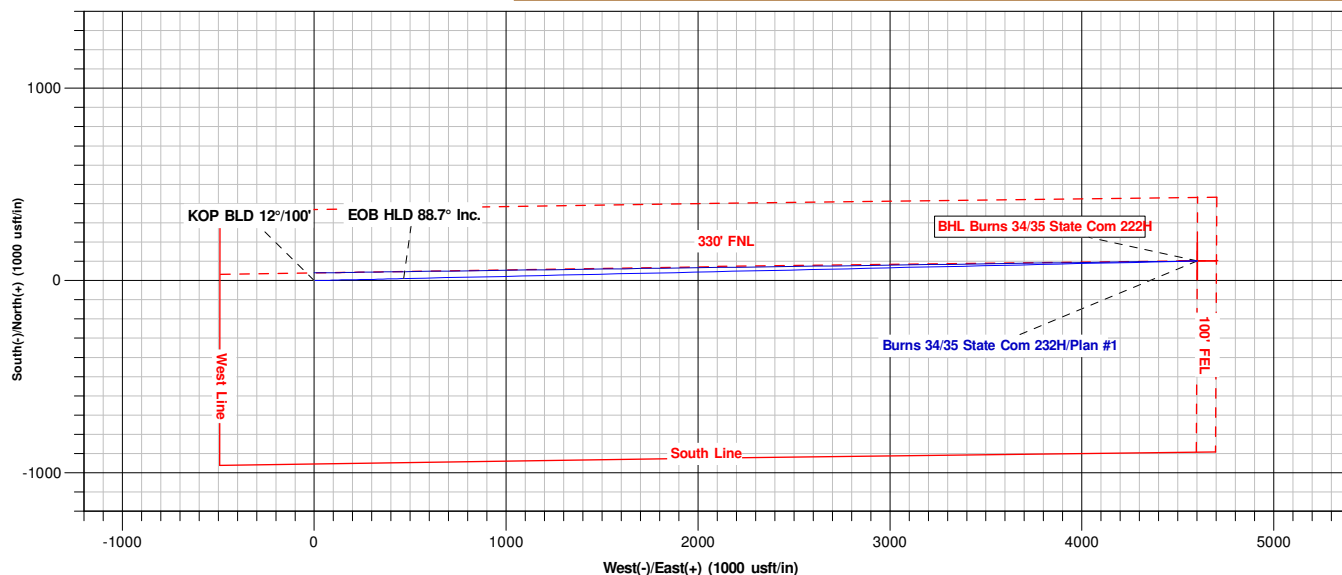
Northing 622279.40 Easting 593934.10 32° 42' 38.054 N 104° 9' 44.383 W

SECTION DETAILS

MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSect
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0
6945.7	0.00	0.00	6945.7	0.0	0.0	0.00	0.00	0.0
7684.9	88.70	88.73	7423.0	10.3	466.5	12.00	88.73	466.6
11822.4	88.70	88.73	7517.0	102.0	4602.0	0.00	0.00	4603.1

DESIGN TARGET DETAILS

Name	TVD	+N/-S	+E/-W	North	East	Latitude	Longitude	Shape
BHL Burns 34/35 State Com 222H	7517.0	102.0	4602.0	622381.40	598536.10	32° 42' 38.987 N	104° 8' 50.517 W	Point
- plan hits target center								



V-F Petroleum, Inc.

Eddy County, NM

Sec 34-T18S-R28E

Burns 34/35 State Com 222H

Wellbore #1

Plan: Plan #1

Standard Planning Report

06 January, 2023

Microsoft
Planning Report

Database:	EDM 5000.15 Single User Db	Local Co-ordinate Reference:	Well Burns 34/35 State Com 222H
Company:	V-F Petroleum, Inc.	TVD Reference:	3559+25 @ 3584.0usft
Project:	Eddy County, NM	MD Reference:	3559+25 @ 3584.0usft
Site:	Sec 34-T18S-R28E	North Reference:	Grid
Well:	Burns 34/35 State Com 222H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan #1		

Project	Eddy County, NM		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	New Mexico Eastern Zone		

Site		Sec 34-T18S-R28E			
Site Position:		Northing:	618,310.80 usft	Latitude:	32° 41' 58.827 N
From:	Map	Easting:	591,175.60 usft	Longitude:	104° 10' 16.740 W
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16 "	Grid Convergence:	0.09 °

Well	Burns 34/35 State Com 222H					
Well Position	+N/-S	3,968.6 usft	Northing:	622,279.40 usft	Latitude:	32° 42' 38.054 N
	+E/-W	2,758.5 usft	Easting:	593,934.10 usft	Longitude:	104° 9' 44.383 W
Position Uncertainty		0.0 usft	Wellhead Elevation:		Ground Level:	3,559.0 usft

Wellbore	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2015	01/06/23	6.66	60.34	47,589.39143774

Design	Plan #1			
Audit Notes:				
Version:	Phase:	PLAN	Tie On Depth:	0.0
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)
	0.0	0.0	0.0	88.73

Plan Survey Tool Program	Date	01/06/23		
Depth From (usft)	Depth To (usft)	Survey (Wellbore)	Tool Name	Remarks
1	0.0	11,821.7	Plan #1 (Wellbore #1)	MWD
				OWSG MWD - Standard

Plan Sections										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	TFO (°)	Target
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.00	0.00	
6,945.7	0.00	0.00	6,945.7	0.0	0.0	0.00	0.00	0.00	0.00	
7,684.9	88.70	88.73	7,423.0	10.3	466.5	12.00	12.00	12.00	88.73	
11,822.4	88.70	88.73	7,517.0	102.0	4,602.0	0.00	0.00	0.00	0.00	BHL Burns 34/35 Stat

Microsoft
Planning Report

Database:	EDM 5000.15 Single User Db	Local Co-ordinate Reference:	Well Burns 34/35 State Com 222H
Company:	V-F Petroleum, Inc.	TVD Reference:	3559+25 @ 3584.0usft
Project:	Eddy County, NM	MD Reference:	3559+25 @ 3584.0usft
Site:	Sec 34-T18S-R28E	North Reference:	Grid
Well:	Burns 34/35 State Com 222H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan #1		

Planned Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
100.0	0.00	0.00	100.0	0.0	0.0	0.0	0.00	0.00	0.00
200.0	0.00	0.00	200.0	0.0	0.0	0.0	0.00	0.00	0.00
300.0	0.00	0.00	300.0	0.0	0.0	0.0	0.00	0.00	0.00
400.0	0.00	0.00	400.0	0.0	0.0	0.0	0.00	0.00	0.00
500.0	0.00	0.00	500.0	0.0	0.0	0.0	0.00	0.00	0.00
600.0	0.00	0.00	600.0	0.0	0.0	0.0	0.00	0.00	0.00
700.0	0.00	0.00	700.0	0.0	0.0	0.0	0.00	0.00	0.00
800.0	0.00	0.00	800.0	0.0	0.0	0.0	0.00	0.00	0.00
900.0	0.00	0.00	900.0	0.0	0.0	0.0	0.00	0.00	0.00
1,000.0	0.00	0.00	1,000.0	0.0	0.0	0.0	0.00	0.00	0.00
1,100.0	0.00	0.00	1,100.0	0.0	0.0	0.0	0.00	0.00	0.00
1,200.0	0.00	0.00	1,200.0	0.0	0.0	0.0	0.00	0.00	0.00
1,300.0	0.00	0.00	1,300.0	0.0	0.0	0.0	0.00	0.00	0.00
1,400.0	0.00	0.00	1,400.0	0.0	0.0	0.0	0.00	0.00	0.00
1,500.0	0.00	0.00	1,500.0	0.0	0.0	0.0	0.00	0.00	0.00
1,600.0	0.00	0.00	1,600.0	0.0	0.0	0.0	0.00	0.00	0.00
1,700.0	0.00	0.00	1,700.0	0.0	0.0	0.0	0.00	0.00	0.00
1,800.0	0.00	0.00	1,800.0	0.0	0.0	0.0	0.00	0.00	0.00
1,900.0	0.00	0.00	1,900.0	0.0	0.0	0.0	0.00	0.00	0.00
2,000.0	0.00	0.00	2,000.0	0.0	0.0	0.0	0.00	0.00	0.00
2,100.0	0.00	0.00	2,100.0	0.0	0.0	0.0	0.00	0.00	0.00
2,200.0	0.00	0.00	2,200.0	0.0	0.0	0.0	0.00	0.00	0.00
2,300.0	0.00	0.00	2,300.0	0.0	0.0	0.0	0.00	0.00	0.00
2,400.0	0.00	0.00	2,400.0	0.0	0.0	0.0	0.00	0.00	0.00
2,500.0	0.00	0.00	2,500.0	0.0	0.0	0.0	0.00	0.00	0.00
2,600.0	0.00	0.00	2,600.0	0.0	0.0	0.0	0.00	0.00	0.00
2,700.0	0.00	0.00	2,700.0	0.0	0.0	0.0	0.00	0.00	0.00
2,800.0	0.00	0.00	2,800.0	0.0	0.0	0.0	0.00	0.00	0.00
2,900.0	0.00	0.00	2,900.0	0.0	0.0	0.0	0.00	0.00	0.00
3,000.0	0.00	0.00	3,000.0	0.0	0.0	0.0	0.00	0.00	0.00
3,100.0	0.00	0.00	3,100.0	0.0	0.0	0.0	0.00	0.00	0.00
3,200.0	0.00	0.00	3,200.0	0.0	0.0	0.0	0.00	0.00	0.00
3,300.0	0.00	0.00	3,300.0	0.0	0.0	0.0	0.00	0.00	0.00
3,400.0	0.00	0.00	3,400.0	0.0	0.0	0.0	0.00	0.00	0.00
3,500.0	0.00	0.00	3,500.0	0.0	0.0	0.0	0.00	0.00	0.00
3,600.0	0.00	0.00	3,600.0	0.0	0.0	0.0	0.00	0.00	0.00
3,700.0	0.00	0.00	3,700.0	0.0	0.0	0.0	0.00	0.00	0.00
3,800.0	0.00	0.00	3,800.0	0.0	0.0	0.0	0.00	0.00	0.00
3,900.0	0.00	0.00	3,900.0	0.0	0.0	0.0	0.00	0.00	0.00
4,000.0	0.00	0.00	4,000.0	0.0	0.0	0.0	0.00	0.00	0.00
4,100.0	0.00	0.00	4,100.0	0.0	0.0	0.0	0.00	0.00	0.00
4,200.0	0.00	0.00	4,200.0	0.0	0.0	0.0	0.00	0.00	0.00
4,300.0	0.00	0.00	4,300.0	0.0	0.0	0.0	0.00	0.00	0.00
4,400.0	0.00	0.00	4,400.0	0.0	0.0	0.0	0.00	0.00	0.00
4,500.0	0.00	0.00	4,500.0	0.0	0.0	0.0	0.00	0.00	0.00
4,600.0	0.00	0.00	4,600.0	0.0	0.0	0.0	0.00	0.00	0.00
4,700.0	0.00	0.00	4,700.0	0.0	0.0	0.0	0.00	0.00	0.00
4,800.0	0.00	0.00	4,800.0	0.0	0.0	0.0	0.00	0.00	0.00
4,900.0	0.00	0.00	4,900.0	0.0	0.0	0.0	0.00	0.00	0.00
5,000.0	0.00	0.00	5,000.0	0.0	0.0	0.0	0.00	0.00	0.00
5,100.0	0.00	0.00	5,100.0	0.0	0.0	0.0	0.00	0.00	0.00
5,200.0	0.00	0.00	5,200.0	0.0	0.0	0.0	0.00	0.00	0.00
5,300.0	0.00	0.00	5,300.0	0.0	0.0	0.0	0.00	0.00	0.00

Microsoft
Planning Report

Database:	EDM 5000.15 Single User Db	Local Co-ordinate Reference:	Well Burns 34/35 State Com 222H
Company:	V-F Petroleum, Inc.	TVD Reference:	3559+25 @ 3584.0usft
Project:	Eddy County, NM	MD Reference:	3559+25 @ 3584.0usft
Site:	Sec 34-T18S-R28E	North Reference:	Grid
Well:	Burns 34/35 State Com 222H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan #1		

Planned Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
5,400.0	0.00	0.00	5,400.0	0.0	0.0	0.0	0.00	0.00	0.00
5,500.0	0.00	0.00	5,500.0	0.0	0.0	0.0	0.00	0.00	0.00
5,600.0	0.00	0.00	5,600.0	0.0	0.0	0.0	0.00	0.00	0.00
5,700.0	0.00	0.00	5,700.0	0.0	0.0	0.0	0.00	0.00	0.00
5,800.0	0.00	0.00	5,800.0	0.0	0.0	0.0	0.00	0.00	0.00
5,900.0	0.00	0.00	5,900.0	0.0	0.0	0.0	0.00	0.00	0.00
6,000.0	0.00	0.00	6,000.0	0.0	0.0	0.0	0.00	0.00	0.00
6,100.0	0.00	0.00	6,100.0	0.0	0.0	0.0	0.00	0.00	0.00
6,200.0	0.00	0.00	6,200.0	0.0	0.0	0.0	0.00	0.00	0.00
6,300.0	0.00	0.00	6,300.0	0.0	0.0	0.0	0.00	0.00	0.00
6,400.0	0.00	0.00	6,400.0	0.0	0.0	0.0	0.00	0.00	0.00
6,500.0	0.00	0.00	6,500.0	0.0	0.0	0.0	0.00	0.00	0.00
6,600.0	0.00	0.00	6,600.0	0.0	0.0	0.0	0.00	0.00	0.00
6,700.0	0.00	0.00	6,700.0	0.0	0.0	0.0	0.00	0.00	0.00
6,800.0	0.00	0.00	6,800.0	0.0	0.0	0.0	0.00	0.00	0.00
6,900.0	0.00	0.00	6,900.0	0.0	0.0	0.0	0.00	0.00	0.00
6,945.7	0.00	0.00	6,945.7	0.0	0.0	0.0	0.00	0.00	0.00
KOP BLD 12°/100'									
6,950.0	0.52	88.73	6,950.0	0.0	0.0	0.0	12.00	12.00	0.00
6,975.0	3.52	88.73	6,975.0	0.0	0.9	0.9	12.00	12.00	0.00
7,000.0	6.52	88.73	6,999.9	0.1	3.1	3.1	12.00	12.00	0.00
7,025.0	9.52	88.73	7,024.6	0.1	6.6	6.6	12.00	12.00	0.00
7,050.0	12.52	88.73	7,049.2	0.3	11.3	11.3	12.00	12.00	0.00
7,075.0	15.52	88.73	7,073.4	0.4	17.4	17.4	12.00	12.00	0.00
7,100.0	18.52	88.73	7,097.3	0.5	24.7	24.7	12.00	12.00	0.00
7,125.0	21.52	88.73	7,120.8	0.7	33.3	33.3	12.00	12.00	0.00
7,150.0	24.52	88.73	7,143.8	1.0	43.0	43.0	12.00	12.00	0.00
7,175.0	27.52	88.73	7,166.3	1.2	54.0	54.0	12.00	12.00	0.00
7,200.0	30.52	88.73	7,188.1	1.5	66.1	66.1	12.00	12.00	0.00
7,225.0	33.52	88.73	7,209.3	1.8	79.4	79.4	12.00	12.00	0.00
7,250.0	36.52	88.73	7,229.8	2.1	93.7	93.7	12.00	12.00	0.00
7,275.0	39.52	88.73	7,249.5	2.4	109.1	109.1	12.00	12.00	0.00
7,300.0	42.52	88.73	7,268.4	2.8	125.5	125.5	12.00	12.00	0.00
7,325.0	45.52	88.73	7,286.3	3.2	142.9	142.9	12.00	12.00	0.00
7,350.0	48.52	88.73	7,303.4	3.6	161.1	161.2	12.00	12.00	0.00
7,375.0	51.52	88.73	7,319.5	4.0	180.3	180.3	12.00	12.00	0.00
7,400.0	54.52	88.73	7,334.5	4.4	200.3	200.3	12.00	12.00	0.00
7,425.0	57.52	88.73	7,348.5	4.9	221.0	221.0	12.00	12.00	0.00
7,450.0	60.52	88.73	7,361.3	5.4	242.4	242.5	12.00	12.00	0.00
7,475.0	63.52	88.73	7,373.1	5.9	264.5	264.5	12.00	12.00	0.00
7,500.0	66.52	88.73	7,383.6	6.4	287.1	287.2	12.00	12.00	0.00
7,525.0	69.52	88.73	7,393.0	6.9	310.3	310.4	12.00	12.00	0.00
7,550.0	72.52	88.73	7,401.1	7.4	333.9	334.0	12.00	12.00	0.00
7,575.0	75.52	88.73	7,408.0	7.9	358.0	358.0	12.00	12.00	0.00
7,600.0	78.52	88.73	7,413.6	8.5	382.3	382.4	12.00	12.00	0.00
7,625.0	81.52	88.73	7,417.9	9.0	406.9	407.0	12.00	12.00	0.00
7,650.0	84.52	88.73	7,421.0	9.6	431.7	431.8	12.00	12.00	0.00
7,675.0	87.52	88.73	7,422.7	10.1	456.7	456.8	12.00	12.00	0.00
7,684.9	88.70	88.73	7,423.0	10.3	466.5	466.6	12.00	12.00	0.00
EOB HLD 88.7° Inc.									
7,700.0	88.70	88.73	7,423.4	10.7	481.6	481.8	0.00	0.00	0.00
7,800.0	88.70	88.73	7,425.7	12.9	581.6	581.7	0.00	0.00	0.00
7,900.0	88.70	88.73	7,427.9	15.1	681.5	681.7	0.00	0.00	0.00

Microsoft
Planning Report

Database:	EDM 5000.15 Single User Db	Local Co-ordinate Reference:	Well Burns 34/35 State Com 222H
Company:	V-F Petroleum, Inc.	TVD Reference:	3559+25 @ 3584.0usft
Project:	Eddy County, NM	MD Reference:	3559+25 @ 3584.0usft
Site:	Sec 34-T18S-R28E	North Reference:	Grid
Well:	Burns 34/35 State Com 222H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan #1		

Planned Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	
8,000.0	88.70	88.73	7,430.2	17.3	781.5	781.7	0.00	0.00	0.00	
8,100.0	88.70	88.73	7,432.5	19.5	881.4	881.7	0.00	0.00	0.00	
8,200.0	88.70	88.73	7,434.7	21.8	981.4	981.6	0.00	0.00	0.00	
8,300.0	88.70	88.73	7,437.0	24.0	1,081.3	1,081.6	0.00	0.00	0.00	
8,400.0	88.70	88.73	7,439.3	26.2	1,181.3	1,181.6	0.00	0.00	0.00	
8,500.0	88.70	88.73	7,441.6	28.4	1,281.2	1,281.6	0.00	0.00	0.00	
8,600.0	88.70	88.73	7,443.8	30.6	1,381.2	1,381.5	0.00	0.00	0.00	
8,700.0	88.70	88.73	7,446.1	32.8	1,481.1	1,481.5	0.00	0.00	0.00	
8,800.0	88.70	88.73	7,448.4	35.0	1,581.1	1,581.5	0.00	0.00	0.00	
8,900.0	88.70	88.73	7,450.6	37.3	1,681.0	1,681.5	0.00	0.00	0.00	
9,000.0	88.70	88.73	7,452.9	39.5	1,781.0	1,781.4	0.00	0.00	0.00	
9,100.0	88.70	88.73	7,455.2	41.7	1,880.9	1,881.4	0.00	0.00	0.00	
9,200.0	88.70	88.73	7,457.4	43.9	1,980.9	1,981.4	0.00	0.00	0.00	
9,300.0	88.70	88.73	7,459.7	46.1	2,080.8	2,081.3	0.00	0.00	0.00	
9,400.0	88.70	88.73	7,462.0	48.3	2,180.8	2,181.3	0.00	0.00	0.00	
9,500.0	88.70	88.73	7,464.3	50.6	2,280.7	2,281.3	0.00	0.00	0.00	
9,600.0	88.70	88.73	7,466.5	52.8	2,380.7	2,381.3	0.00	0.00	0.00	
9,700.0	88.70	88.73	7,468.8	55.0	2,480.6	2,481.2	0.00	0.00	0.00	
9,800.0	88.70	88.73	7,471.1	57.2	2,580.6	2,581.2	0.00	0.00	0.00	
9,900.0	88.70	88.73	7,473.3	59.4	2,680.5	2,681.2	0.00	0.00	0.00	
10,000.0	88.70	88.73	7,475.6	61.6	2,780.5	2,781.2	0.00	0.00	0.00	
10,100.0	88.70	88.73	7,477.9	63.8	2,880.4	2,881.1	0.00	0.00	0.00	
10,200.0	88.70	88.73	7,480.2	66.1	2,980.4	2,981.1	0.00	0.00	0.00	
10,300.0	88.70	88.73	7,482.4	68.3	3,080.3	3,081.1	0.00	0.00	0.00	
10,400.0	88.70	88.73	7,484.7	70.5	3,180.3	3,181.1	0.00	0.00	0.00	
10,500.0	88.70	88.73	7,487.0	72.7	3,280.2	3,281.0	0.00	0.00	0.00	
10,600.0	88.70	88.73	7,489.2	74.9	3,380.2	3,381.0	0.00	0.00	0.00	
10,700.0	88.70	88.73	7,491.5	77.1	3,480.1	3,481.0	0.00	0.00	0.00	
10,800.0	88.70	88.73	7,493.8	79.3	3,580.1	3,581.0	0.00	0.00	0.00	
10,900.0	88.70	88.73	7,496.1	81.6	3,680.0	3,680.9	0.00	0.00	0.00	
11,000.0	88.70	88.73	7,498.3	83.8	3,780.0	3,780.9	0.00	0.00	0.00	
11,100.0	88.70	88.73	7,500.6	86.0	3,879.9	3,880.9	0.00	0.00	0.00	
11,200.0	88.70	88.73	7,502.9	88.2	3,979.9	3,980.9	0.00	0.00	0.00	
11,300.0	88.70	88.73	7,505.1	90.4	4,079.8	4,080.8	0.00	0.00	0.00	
11,400.0	88.70	88.73	7,507.4	92.6	4,179.8	4,180.8	0.00	0.00	0.00	
11,500.0	88.70	88.73	7,509.7	94.9	4,279.7	4,280.8	0.00	0.00	0.00	
11,600.0	88.70	88.73	7,511.9	97.1	4,379.7	4,380.8	0.00	0.00	0.00	
11,700.0	88.70	88.73	7,514.2	99.3	4,479.6	4,480.7	0.00	0.00	0.00	
11,800.0	88.70	88.73	7,516.5	101.5	4,579.6	4,580.7	0.00	0.00	0.00	
11,822.4	88.70	88.73	7,517.0	102.0	4,602.0	4,603.1	0.00	0.00	0.00	
TD at 11822.4										

Design Targets										
Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude		Longitude
- hit/miss target										
- Shape										
BHL Burns 34/35 State C	0.00	0.00	7,517.0	102.0	4,602.0	622,381.40	598,536.10	32° 42' 38.987 N		104° 8' 50.517 W
- plan hits target center										
- Point										

Microsoft
Planning Report

Database:	EDM 5000.15 Single User Db	Local Co-ordinate Reference:	Well Burns 34/35 State Com 222H
Company:	V-F Petroleum, Inc.	TVD Reference:	3559+25 @ 3584.0usft
Project:	Eddy County, NM	MD Reference:	3559+25 @ 3584.0usft
Site:	Sec 34-T18S-R28E	North Reference:	Grid
Well:	Burns 34/35 State Com 222H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan #1		

Plan Annotations				
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
6,945.7	6,945.7	0.0	0.0	KOP BLD 12°/100'
7,684.9	7,423.0	10.3	466.5	EOB HLD 88.7° Inc.
11,822.4	7,517.0	102.0	4,602.0	TD at 11822.4

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District II
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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

CONDITIONS

Action 174126

CONDITIONS

Operator: V-F PETROLEUM INC P.O. Box 1889 Midland, TX 79702	OGRID: 24010
	Action Number: 174126
	Action Type: [C-103] NOI Change of Plans (C-103A)

CONDITIONS

Created By	Condition	Condition Date
kpickford	Adhere to previous NMOCD Conditions of Approval	1/12/2023