

District I1625 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) 476-3462Form C-101
August 1, 2011

Permit 283042

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

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

1. Operator Name and Address WPX Energy Permian, LLC 3500 One Williams Center Tulsa, OK 74172		2. OGRID Number 246289
		3. API Number 30-015-47294
4. Property Code 324865	5. Property Name COLLIE 35 34 22 27 FEE	6. Well No. 402H

7. Surface Location

UL - Lot A	Section 35	Township 22S	Range 27E	Lot Idn A	Feet From 1369	N/S Line N	Feet From 359	E/W Line E	County Eddy
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8. Proposed Bottom Hole Location

UL - Lot D	Section 34	Township 22S	Range 27E	Lot Idn D	Feet From 330	N/S Line N	Feet From 50	E/W Line W	County Eddy
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9. Pool Information

PURPLE SAGE;WOLFCAMP (GAS)	98220
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Additional Well Information

11. Work Type New Well	12. Well Type GAS	13. Cable/Rotary	14. Lease Type State	15. Ground Level Elevation 3078
16. Multiple N	17. Proposed Depth 19528	18. Formation Wolfcamp	19. Contractor	20. Spud Date 11/10/2020
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	17.5	13.375	54.5	379	422	0
Int1	12.25	9.625	40	5757	1399	0
Int2	8.75	7	29	9665	675	0
Prod	6.125	4.5	13.5	19517	1238	8415

Casing/Cement Program: Additional Comments

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22. Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Annular	5000	1500	Cameron
Pipe	10000	5000	Cameron
Pipe	10000	5000	Cameron
Blind	10000	5000	Cameron

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.

OIL CONSERVATION DIVISION

Signature:

Printed Name: Electronically filed by Roxana M Day

Title:

Email Address: roxana.day@wpenergy.com

Date: 7/16/2020

Phone: 539-573-5278

Approved By: Raymond Podany

Title: Geologist

Approved Date: 7/16/2020

Expiration Date: 7/16/2022

Conditions of Approval Attached

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Road, Artec, NM 87410
District IV
1220 S. St Francis Dr., 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, 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	² Pool Code 98220	³ Pool Name PURPLE SAGE WOLFCAMP GAS POOL
⁴ Property Code	⁵ Property Name COLLIE 35-34-22-27 FEE	⁶ Well Number #402H
⁷ OGRID No. 246289	⁸ Operator Name WPX ENERGY PERMIAN, LLC	⁹ Elevation 3078.2'

¹⁰ Surface Location

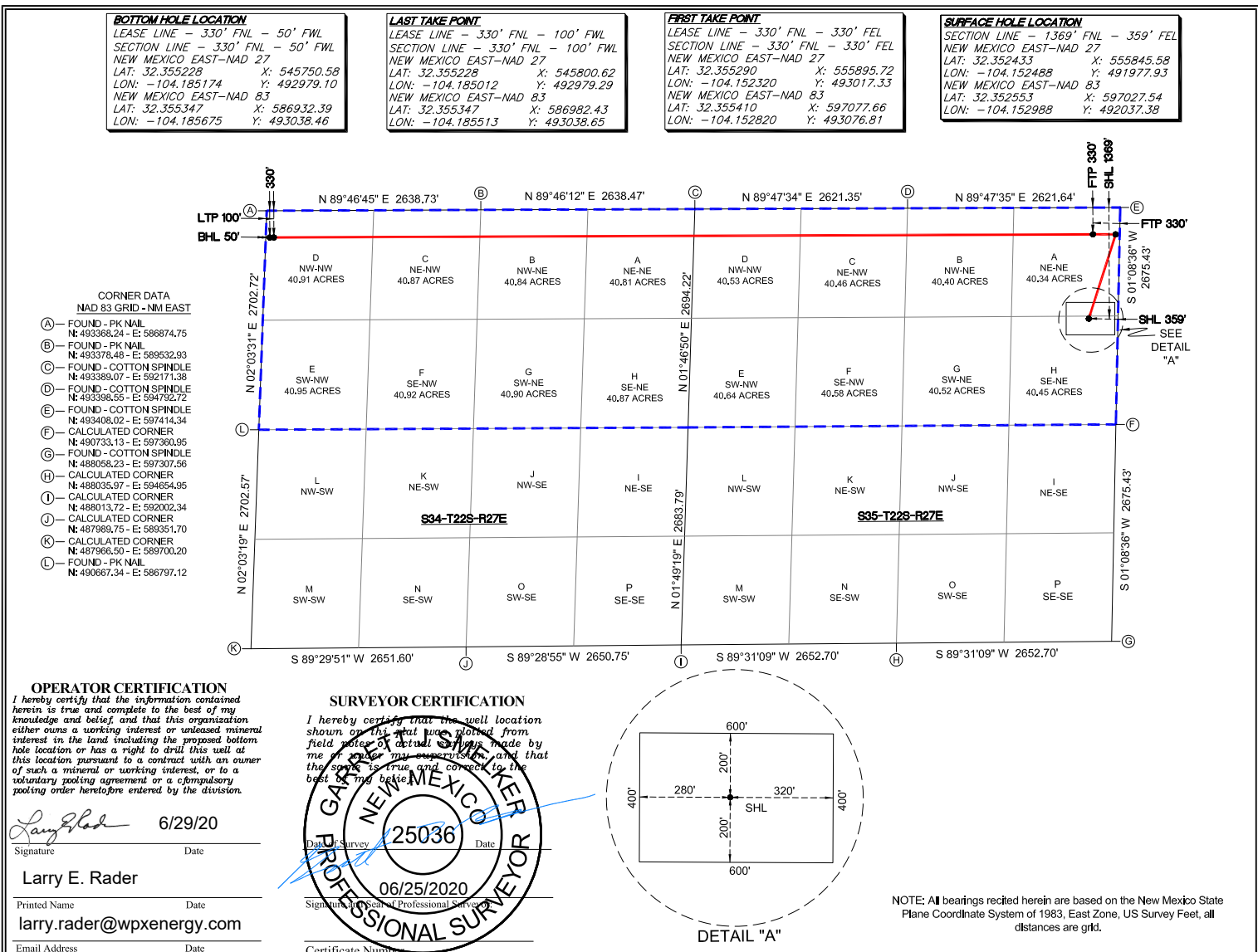
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	35	22 S	27 E		1369'	NORTH	359'	EAST	EDDY

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
D	34	22 S	27 E		330'	NORTH	50'	WEST	EDDY

¹² Dedicated Acres 640	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.



~LOCATION COORDINATE SUMMARY~

Collie 35-34-22-27 Fee #401H

			New Mexico State Plane East Zone NAD 83		Geographic NAD 83				New Mexico State Plane East Zone NAD 27		Geographic NAD 27					
			Northing	Easting	Deg. Min. Decimal Seconds		Decimal Degrees		Northing	Easting	Deg. Min. Decimal Seconds		Decimal Degrees			
	Section	TWN-RANGE			Latitude	Longitude	Latitude	Longitude			Latitude	Longitude	Latitude	Longitude	Footage	
Collie 35-34-22-27 Fee #401H SHL	35	T22S-R27E	492037.38	597057.54	32° 21' 09.189" N	104° 09' 10.406" W	32.352552°	-104.152891°	491977.93	555875.58	32° 21' 08.759" N	104° 09' 08.608" W	32.352433°	-104.152391°	1371' FNL	329' FEL
Collie 35-34-22-27 Fee #401H POP	35	T22S-R27E	491661.71	597329.47	32° 21' 05.467" N	104° 09' 07.243" W	32.351519°	-104.152012°	491602.26	556147.50	32° 21' 05.037" N	104° 09' 05.445" W	32.351399°	-104.151513°	1746' FNL	50' FEL
Collie 35-34-22-27 Fee #401H FTP	35	T22S-R27E	491660.69	597049.40	32° 21' 05.461" N	104° 09' 10.509" W	32.351517°	-104.152919°	491601.25	555867.43	32° 21' 05.032" N	104° 09' 08.710" W	32.351398°	-104.152420°	1746' FNL	330' FEL
Collie 35-34-22-27 Fee #401H INFLEC. POINT	35	T22S-R27E	491649.32	594057.50	32° 21' 05.40" N	104° 09' 45.39" W	32.351499°	-104.162608°	491589.91	552875.57	32° 21' 04.97" N	104° 09' 43.59" W	32.351380°	-104.162108°	1746' FNL	1939' FWL
Collie 35-34-22-27 Fee #401H INFLEC. POINT	35	T22S-R27E	491603.92	593560.26	32° 21' 04.96" N	104° 09' 51.19" W	32.351377°	-104.164218°	491544.52	552378.34	32° 21' 04.53" N	104° 09' 49.39" W	32.351257°	-104.163718°	1790' FNL	1444' FWL
Collie 35-34-22-27 Fee #401H INFLEC. POINT	34	T22S-R27E	491055.70	590518.16	32° 20' 59.58" N	104° 10' 26.66" W	32.349882°	-104.174072°	490996.35	549336.26	32° 20' 59.15" N	104° 10' 24.86" W	32.349763°	-104.173572°	2327' FNL	1580' FEL
Collie 35-34-22-27 Fee #401H INFLEC. POINT	34	T22S-R27E	491010.30	590021.07	32° 20' 59.13" N	104° 10' 32.46" W	32.349760°	-104.175682°	490950.96	548839.18	32° 20' 58.71" N	104° 10' 30.65" W	32.349641°	-104.175182°	2370' FNL	2075' FEL
Collie 35-34-22-27 Fee #401H LTP	34	T22S-R27E	490998.35	586909.09	32° 20' 59.061" N	104° 11' 08.735" W	32.349739°	-104.185760°	490939.04	545727.24	32° 20' 58.632" N	104° 11' 06.933" W	32.349620°	-104.185259°	2370' FNL	100' FWL
Collie 35-34-22-27 Fee #401H BHL	34	T22S-R27E	490998.16	586859.05	32° 20' 59.059" N	104° 11' 09.318" W	32.349739°	-104.185922°	490938.85	545677.20	32° 20' 58.631" N	104° 11' 07.516" W	32.349620°	-104.185421°	2370' FNL	50' FWL

Drilling Target POP

			New Mexico State Plane East Zone NAD 83		Geographic NAD 83				New Mexico State Plane East Zone NAD 27		Geographic NAD 27					
			Northing	Easting	Deg. Min. Decimal Seconds		Decimal Degrees		Northing	Easting	Deg. Min. Decimal Seconds		Decimal Degrees			
	Section	TWN-RANGE			Latitude	Longitude	Latitude	Longitude			Latitude	Longitude	Latitude	Longitude	Footage	
Collie 35-34-22-27 Fee #401H POP	35	T22S-R27E	491661.71	597329.47	32° 21' 05.467" N	104° 09' 07.243" W	32.351519°	-104.152012°	491602.26	556147.50	32° 21' 05.037" N	104° 09' 05.445" W	32.351399°	-104.151513°	1746' FNL	50' FEL

Collie 35-34-22-27 Fee #402H

			New Mexico State Plane East Zone NAD 83		Geographic NAD 83				New Mexico State Plane East Zone NAD 27		Geographic NAD 27					
			Northing	Easting	Deg. Min. Decimal Seconds		Decimal Degrees		Northing	Easting	Deg. Min. Decimal Seconds		Decimal Degrees			
	Section	TWN-RANGE			Latitude	Longitude	Latitude	Longitude			Latitude	Longitude	Latitude	Longitude	Footage	
Collie 35-34-22-27 Fee #402H SHL	35	T22S-R27E	492037.38	597027.54	32° 21' 09.189" N	104° 09' 10.756" W	32.352553°	-104.152988°	491977.93	555845.58	32° 21' 08.760" N	104° 09' 08.958" W	32.352433°	-104.152488°	1369' FNL	359' FEL
Collie 35-34-22-27 Fee #402H POP	35	T22S-R27E	493077.82	597357.74	32° 21' 19.480" N	104° 09' 06.886" W	32.355411°	-104.151913°	493018.34	556175.80	32° 21' 19.050" N	104° 09' 05.087" W	32.355292°	-104.151413°	330' FNL	50' FEL
Collie 35-34-22-27 Fee #402H FTP	35	T22S-R27E	493076.81	597077.66	32° 21' 19.474" N	104° 09' 10.151" W	32.355410°	-104.152820°	493017.33	555895.72	32° 21' 19.045" N	104° 09' 08.353" W	32.355290°	-104.152320°	330' FNL	330' FEL
Collie 35-34-22-27 Fee #402H LTP	34	T22S-R27E	493038.65	586982.43	32° 21' 19.250" N	104° 11' 07.847" W	32.355347°	-104.185513°	492979.29	545800.62	32° 21' 18.822" N	104° 11' 06.044" W	32.355228°	-104.185012°	330' FNL	100' FWL
Collie 35-34-22-27 Fee #402H BHL	34	T22S-R27E	493038.46	586932.39	32° 21' 19.249" N	104° 11' 08.430" W	32.355347°	-104.185675°	492979.10	545750.58	32° 21' 18.821" N	104° 11' 06.628" W	32.355228°	-104.185174°	330' FNL	50' FWL

Drilling Target POP

			New Mexico State Plane East Zone NAD 83		Geographic NAD 83				New Mexico State Plane East Zone NAD 27		Geographic NAD 27					
			Northing	Easting	Deg. Min. Decimal Seconds		Decimal Degrees		Northing	Easting	Deg. Min. Decimal Seconds		Decimal Degrees			
	Section	TWN-RANGE			Latitude	Longitude	Latitude	Longitude			Latitude	Longitude	Latitude	Longitude	Footage	
Collie 35-34-22-27 Fee #402H POP	35	T22S-R27E	493077.82	597357.74	32° 21' 19.480" N	104° 09' 06.886" W	32.355411°	-104.151913°	493018.34	556175.80	32° 21' 19.050" N	104° 09' 05.087" W	32.355292°	-104.151413°	330' FNL	50' FEL

Section Corners

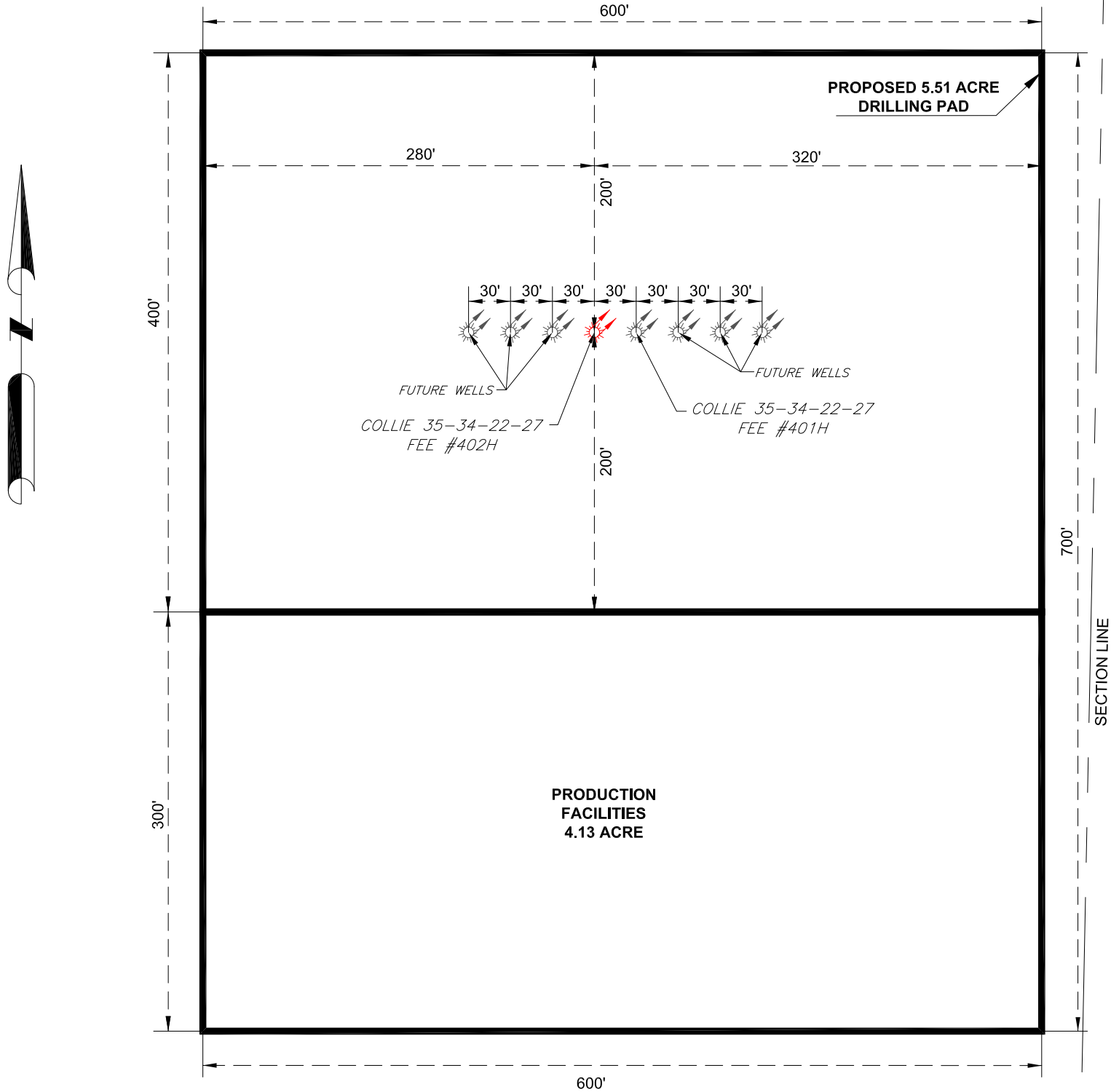
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		Corner	Northing	Easting	Deg. Min. Decimal Seconds		Decimal Degrees		Northing	Easting	Deg. Min. Decimal Seconds		Decimal Degrees	
					Latitude	Longitude	Latitude	Longitude			Latitude	Longitude		
Section	35	NW	493389.07	592171.38	32° 21' 22.643" N	104° 10' 07.345" W	32.356290°	-104.168707°	493329.64	550989.51	32° 21' 22.214" N	104° 10' 05.545" W	32.356171°	-104.168207°
TWN-RANGE	T22S-R27E	NE	493408.02	597414.34	32° 21' 22.746" N	104° 09' 06.220" W	32.356318°	-104.151728°	493348.53	556232.40	32° 21' 22.317" N	104° 09' 04.421" W	32.356199°	-104.151228°
		SE	488058.23	597307.56	32° 20' 29.808" N	104° 09' 07.570" W	32.341613°	-104.152103°	487998.88	556125.50	32° 20' 29.378" N	104° 09' 05.773" W	32.341494°	-104.151604°
		SW	488013.72	592002.34	32° 20' 29.452" N	104° 10' 09.412" W	32.341514°	-104.169281°	487954.43	550820.36	32° 20' 29.023" N	104° 10' 07.613" W	32.341395°	-104.168781°
		Corner												
Section	34	NW	493368.24	586874.75	32° 21' 22.513" N	104° 11' 09.097" W	32.356254°	-104.185860°	493308.87	545692.95	32° 21' 22.085" N	104° 11' 07.294" W	32.356135°	-104.185359°
TWN-RANGE	T22S-R27E	NE	493389.07	592171.38	32° 21' 22.643" N	104° 10' 07.345" W	32.356290°	-104.168707°	493329.64	550989.51	32° 21' 22.214" N	104° 10' 05.545" W	32.356171°	-104.168207°
		SE	488013.72	592002.34	32° 20' 29.452" N	104° 10' 09.412" W	32.341514°	-104.169281°	487954.43	550820.36	32° 20' 29.023" N	104° 10' 07.613" W	32.341395°	-104.168781°
		SW	487966.50	589700.20	32° 20' 29.019" N	104° 10' 36.248" W	32.341394°	-104.176736°	487907.24	548518.24	32° 20' 28.590" N	104° 10' 34.448" W	32.341275°	-104.176236°

Lease Corners

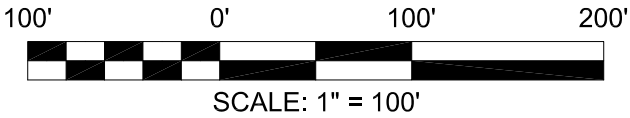
	New Mexico State Plane East		Geographic NAD 83				New Mexico State Plane East		Geographic NAD 27			
	Zone NAD 83		Deg. Min. Decimal Seconds		Decimal Degrees		Zone NAD 27		Deg. Min. Decimal Seconds		Decimal Degrees	
Corner	Northing	Easting	Latitude	Longitude	Latitude	Longitude	Northing	Easting	Latitude	Longitude	Latitude	Longitude
1	493368.24	586874.75	32° 21' 22.513" N	104° 11' 09.097" W	32.356254°	-104.185860°	493308.87	545692.95	32° 21' 22.085" N	104° 11' 07.294" W	32.356135°	-104.185359°
2	493408.02	597414.34	32° 21' 22.746" N	104° 09' 06.220" W	32.356318°	-104.151728°	493348.53	556232.40	32° 21' 22.317" N	104° 09' 04.421" W	32.356199°	-104.151228°
3	490733.13	597360.95	32° 20' 56.277" N	104° 09' 06.895" W	32.348966°	-104.151915°	490673.71	556178.95	32° 20' 55.847" N	104° 09' 05.097" W	32.348846°	-104.151416°
4	490667.34	586797.12	32° 20' 55.786" N	104° 11' 10.046" W	32.348830°	-104.186124°	490608.04	545615.26	32° 20' 55.358" N	104° 11' 08.243" W	32.348711°	-104.185623°

EDDY COUNTY, NEW MEXICO

SECTION THIRTY-FIVE (35), TOWNSHIP TWENTY-TWO (22) SOUTH,
RANGE TWENTY-SEVEN (27) EAST OF THE NEW MEXICO PRINCIPAL MERIDIAN



COORDINATE TABLE				
WELL NAME	NORTHING (N.A.D. 27)	EASTING (N.A.D. 27)	NORTHING (N.A.D. 83)	EASTING (N.A.D. 83)
COLLIE 35-34-22-27 FEE #402H SURFACE LOCATION	491977.93	555845.58	492037.38	597027.54
ELEVATION	LATITUDE (N.A.D. 27)	LONGITUDE (N.A.D. 27)	LATITUDE (N.A.D. 83)	LONGITUDE (N.A.D. 83)
3078.2'	32.35243322	-104.15248821	32.35255258	-104.15298777



NOTES:

1.) ALL BEARINGS SHOWN HEREON ARE CORRELATED TO THE NEW MEXICO STATE PLANE COORDINATE SYSTEM, NEW MEXICO EAST ZONE, NAD 83 (NA2011). ALL BEARINGS AND DISTANCES SHOWN ARE GRID.

2.) LATITUDE & LONGITUDE ARE NAD 83 DECIMAL GEOGRAPHIC.

3.) THIS SURVEY WAS PERFORMED WITHOUT THE BENEFIT OF A TITLE REPORT AND THE REVIEW OF THE ABSTRACT OF TITLE. THERE MAY BE EASEMENTS AND/OR COVENANTS AFFECTING THIS PROPERTY NOT SHOWN HEREON. LOCATION OF ALL IMPROVEMENTS WAS BEYOND COMMISSIONED SCOPE OF THIS PROJECT AND HAS BEEN SPECIFICALLY OMITTED. VESTING DOCUMENTS NOT FURNISHED FOR THIS SURVEY.



THE COLLIE 35-34-22-27 FEE #402H
IS LOCATED 9 MILES NORTHWEST OF THE
TOWN OF LOVING, NEW MEXICO



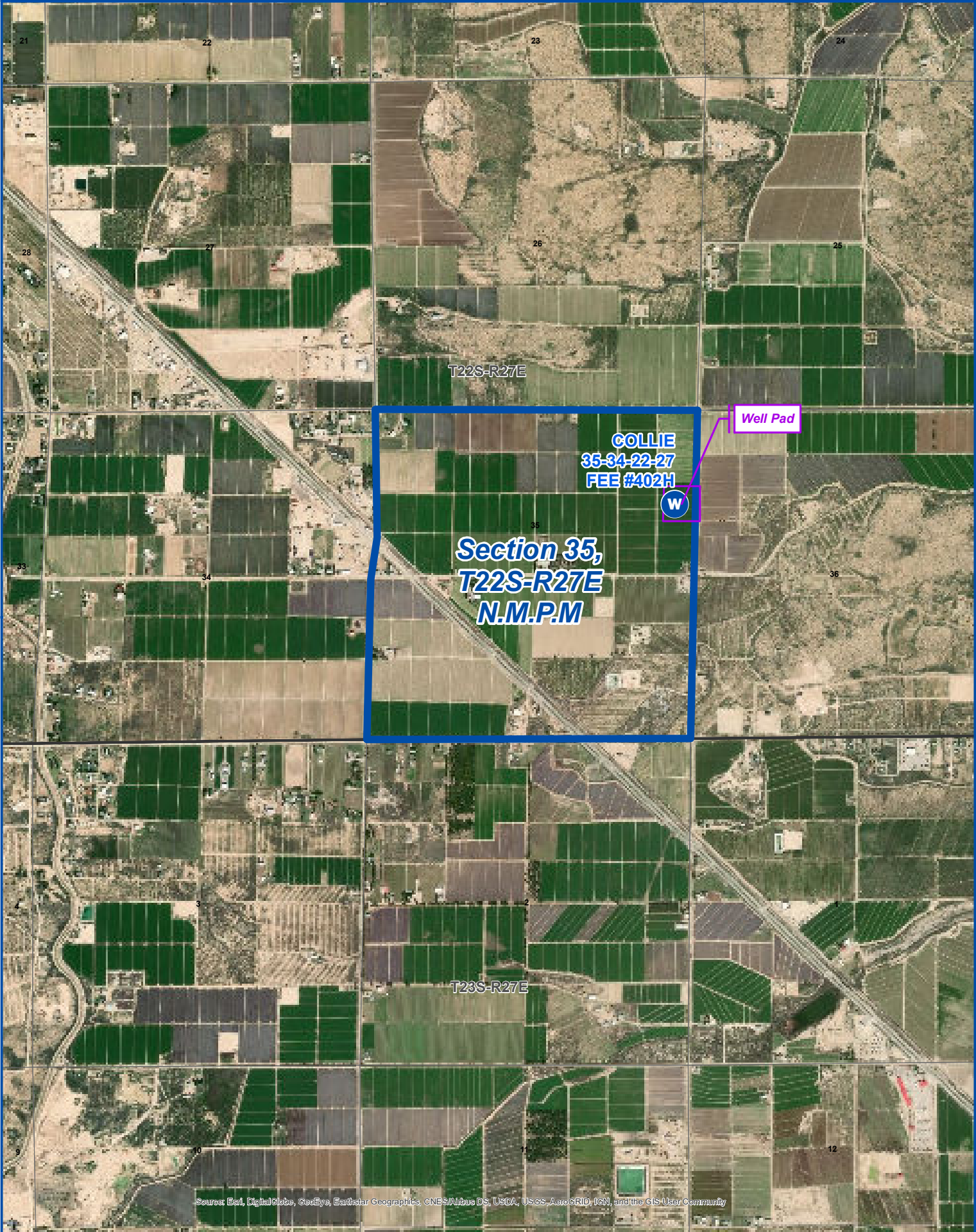
WELL SITE PLAN
COLLIE 35-34-22-27 FEE #402H
WPX ENERGY PERMIAN, LLC

SITUATED IN SECTION 35
TOWNSHIP 22 SOUTH, RANGE 27
NEW MEXICO PRINCIPAL MERIDIAN
EDDY COUNTY, NEW MEXICO

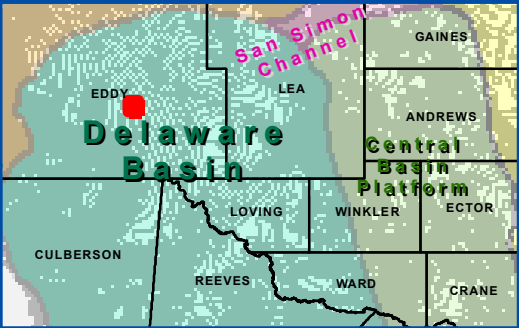
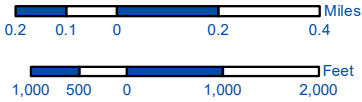
DRAWN BY: MAC	DATE: 06-23-20	DWG. NO.	REV.
CHECKED BY: GJS	DATE: 06-23-20	Transglobal Services LLCWPX - Survey - Documents\1911199_Collie 35-34-22-27 Fee #402H\Exhibits\ Well Site Plan	2
SCALE: 1" = 100'	PAGE 1 OF 1		

AERIAL MAP

Section Thirty-Five (35), Township Twenty-Two (22) South,
Range Twenty-Seven (27) East of the Principal Meridian, Eddy County, New Mexico



Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

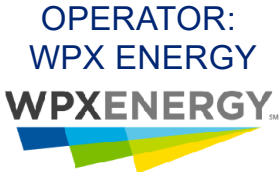


COLLIE 35-34-22-27 FEE 402H

SHL Location & Penetration Point :
359' FEL & 1369' FNL
Section 35,
Township 22 South, Range 27 East,
New Mexico Principal Meridian,
Eddy County, New Mexico

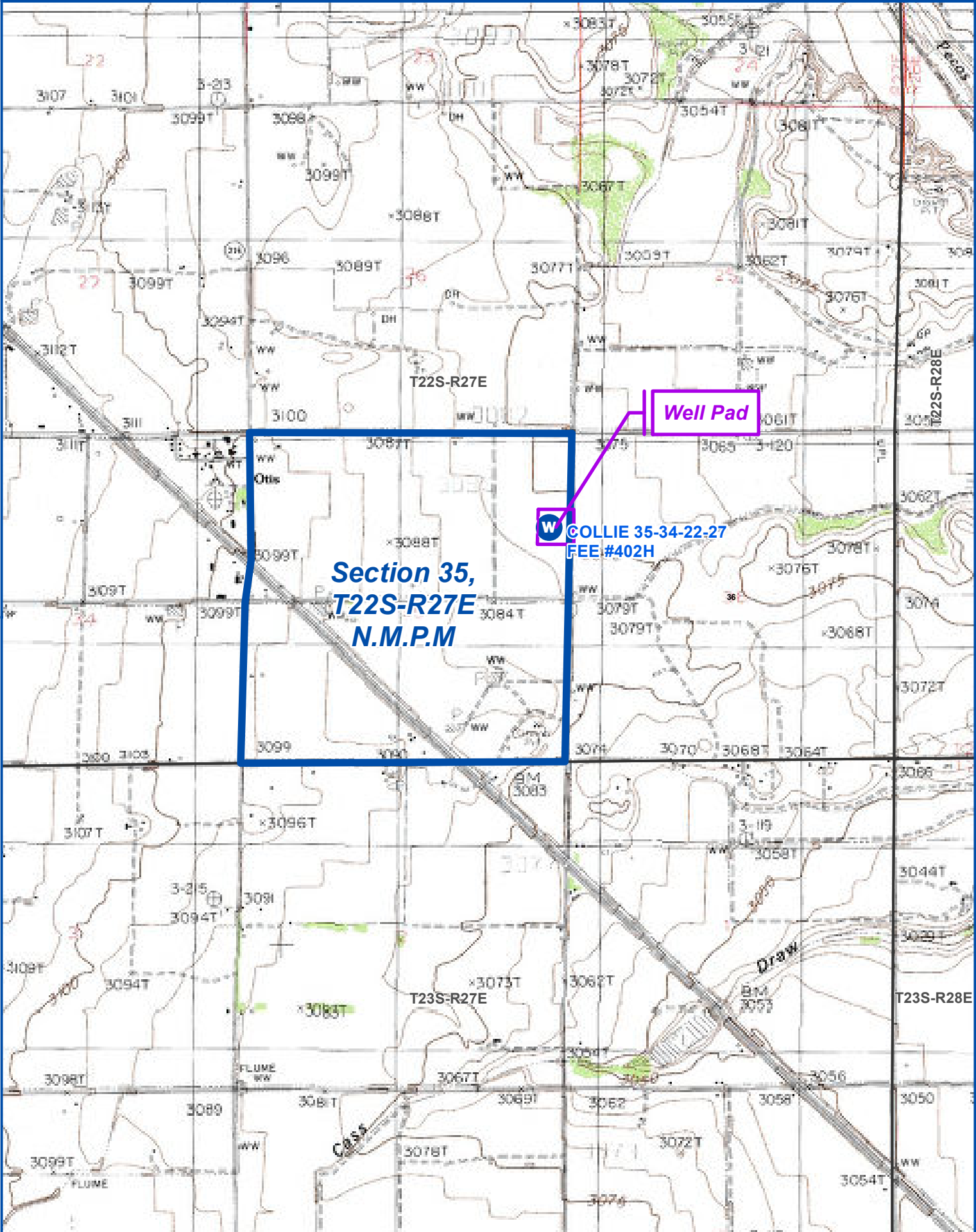


Coordinate System:
NAD 1983 StatePlane New Mexico East FIPS 3001 Feet
Projection: Transverse Mercator
Datum: North American 1983
False Easting: 541,337.5000
False Northing: 0.0000
Central Meridian: -104.3333
Scale Factor: 0.9999
Latitude Of Origin: 31.0000
Units: Foot US



LOCATION VERIFICATION MAP

Section Thirty-Five (35), Township Twenty-Two (22) South,
Range Twenty-Seven (27) East of the Principal Meridian, Eddy County, New Mexico



0.2

0.1

0

0.2

0.4

Miles

1,000

500

0

1,000

2,000

Feet

Map Tech: DHK

1" = 2,000'

Date: 12/10/2019

1:24,000



1100 Macon Street
Fort Worth, Texas 76102

Coordinate System:
NAD 1983 StatePlane New Mexico East FIPS 3001 Feet
Projection: Transverse Mercator
Datum: North American 1983
False Easting: 541,337.5000
False Northing: 0.0000
Central Meridian: -104.3333
Scale Factor: 0.9999
Latitude Of Origin: 31.0000
Units: Foot US



EDDY

LEA

LOVING

REEVES

CULBERSON

San Simon Channel

Delaware Basin

GAINES

ANDREWS

WINKLER

WARD

CRANE

ECTOR

COLLIE 35-34-22-27 FEE 402H

SHL Location & Penetration Point :
359' FEL & 1369' FNL
Section 35,
Township 22 South, Range 27 East,
New Mexico Principal Meridian,
Eddy County, New Mexico

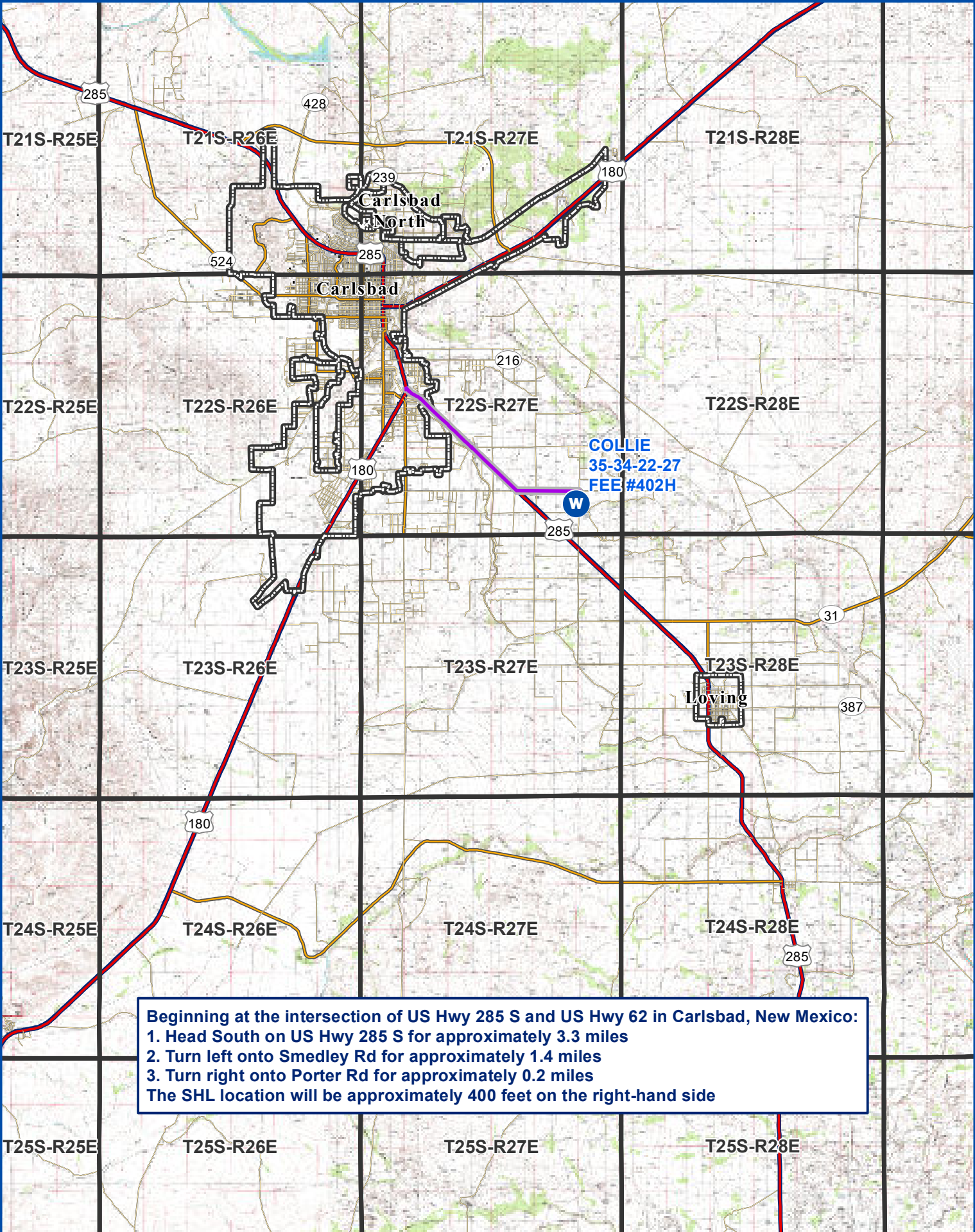
OPERATOR:

WPX ENERGY



ROAD ROUTE MAP

Section Thirty-Five (35), Township Twenty-Two (22) South,
Range Twenty-Seven (27) East of the Principal Meridian, Eddy County, New Mexico



COLLIE
35-34-22-27
FEE #402H

Beginning at the intersection of US Hwy 285 S and US Hwy 62 in Carlsbad, New Mexico:
1. Head South on US Hwy 285 S for approximately 3.3 miles
2. Turn left onto Smedley Rd for approximately 1.4 miles
3. Turn right onto Porter Rd for approximately 0.2 miles
The SHL location will be approximately 400 feet on the right-hand side

31.5000

15.0000

7.5000

0

7.5000

15.0000

31.5000

3

1.5

0

3

Miles

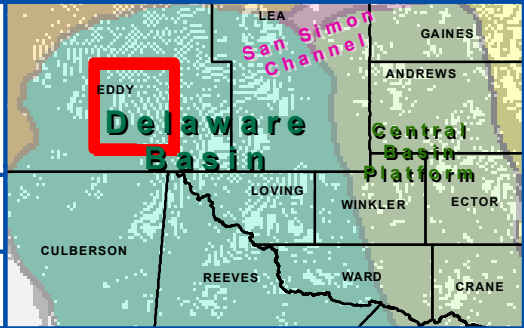
Feet

Map Tech: DHK

1 " = 15,000 '

Date: 12/10/2019

1:180,000



COLLIE 35-34-22-27 FEE 402H

SHL Location & Penetration Point :
359' FEL & 1369' FNL
Section 35,
Township 22 South, Range 27 East,
New Mexico Principal Meridian,
Eddy County, New Mexico

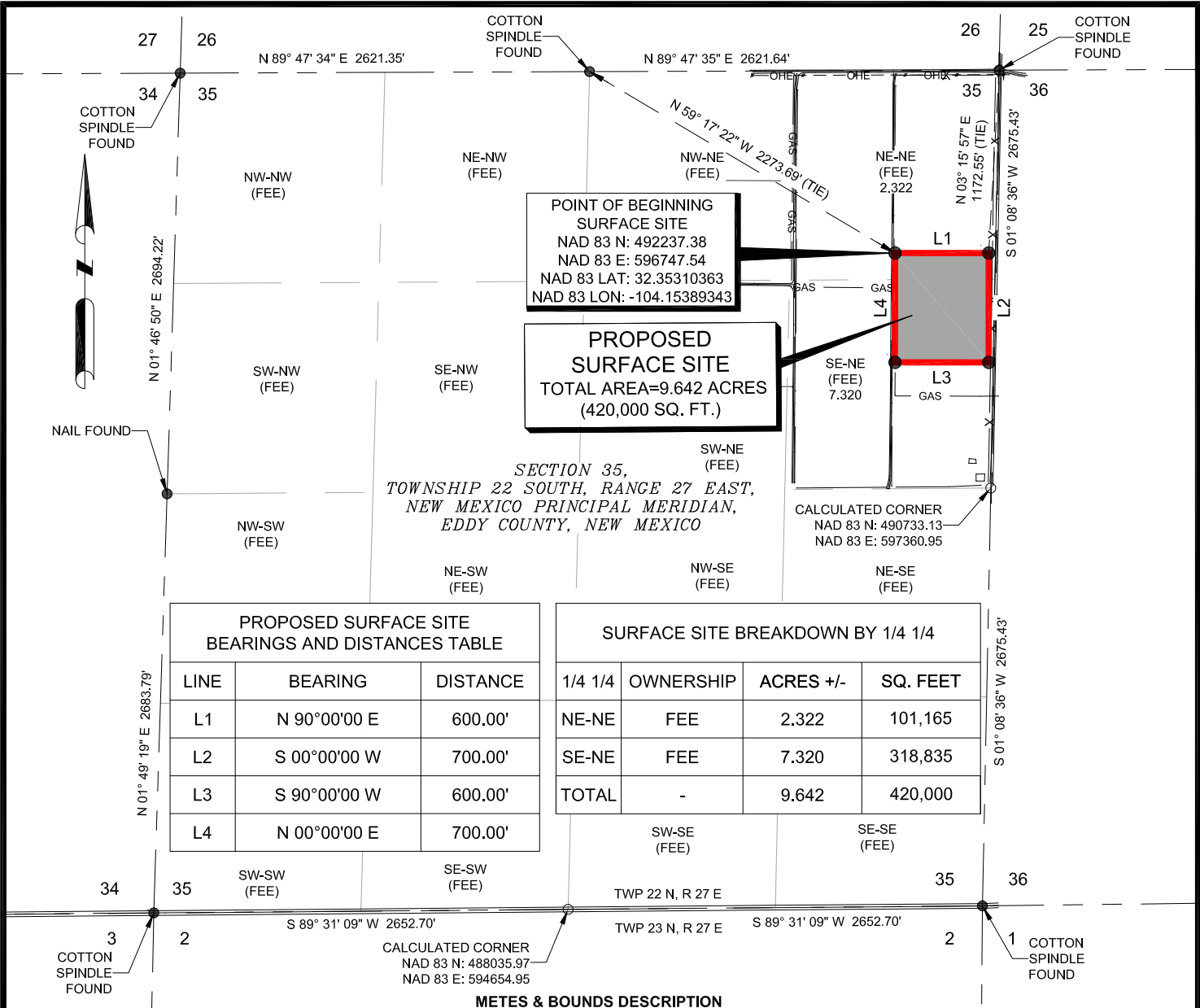
TRANSGLOBAL
SERVICES LLC

1100 Macon Street
Fort Worth, Texas 76102

Coordinate System:
NAD 1983 StatePlane New Mexico East FIPS 3001 Feet
Projection: Transverse Mercator
Datum: North American 1983
False Easting: 541,337.5000
False Northing: 0.0000
Central Meridian: -104.3333
Scale Factor: 0.9999
Latitude Of Origin: 31.0000
Units: Foot US

N
E
S
W

OPERATOR:
WPX ENERGY



BEING A PROPOSED SURFACE SITE SITUATED IN SECTION 35, TOWNSHIP 22 SOUTH, RANGE 27 EAST, NEW MEXICO PRINCIPAL MERIDIAN, EDDY COUNTY, NEW MEXICO. SAID SURFACE SITE BEING A 9.642 ACRE TRACT OF LAND MORE PARTICULARLY DESCRIBED AS FOLLOWS:

BEGINNING AT A POINT FOR THE NORTHWEST CORNER OF SAID 9.642 ACRE TRACT, FROM WHICH A COTTON SPINDLE FOUND FOR THE NORTH QUARTER CORNER OF SAID SECTION 35 BEARS N 59°17'22" W, A DISTANCE OF 2273.69 FEET (TIE). SAID POINT OF BEGINNING HAVING NEW MEXICO STATE PLANE COORDINATES OF 1983, EAST ZONE, VALUE OF N:492237.38, E:596747.54 FEET FOR REFERENCE;

THENCE, N 90°00'00" E, A DISTANCE OF 600.00 FEET TO A POINT FOR THE NORTHEAST CORNER OF SAID TRACT, FROM WHICH A COTTON SPINDLE FOUND FOR THE NORTHEAST CORNER OF SAID SECTION 35 BEARS N 03°15'57" E, A DISTANCE OF 1172.55 FEET (TIE);

THENCE, S 00°00'00" W, A DISTANCE OF 700.00 FEET TO A POINT FOR THE SOUTHEAST CORNER OF SAID TRACT;

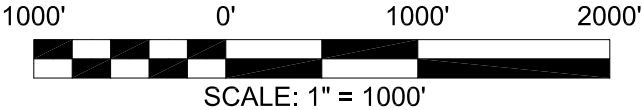
THENCE, S 90°00'00" W, A DISTANCE OF 600.00 FEET TO A POINT FOR THE SOUTHWEST CORNER OF SAID TRACT;

THENCE, N 00°00'00" E, A DISTANCE OF 700.00 FEET TO THE POINT OF BEGINNING AND CONTAINING 9.642 ACRES OR 420,000 SQUARE FEET OF LAND IN SAID SECTION 35.

I, GARRETT J. SMELKER, A NEW MEXICO PROFESSIONAL LAND SURVEYOR, DO HEREBY CERTIFY THAT I CONDUCTED AND AM RESPONSIBLE FOR THIS SURVEY, THAT THIS SURVEY IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF, AND THAT THIS SURVEY AND PLAT MEET THE MINIMUM STANDARDS FOR SURVEYING IN NEW MEXICO.



POINT OF BEGINNING BEING LOCATED APPROXIMATELY
5.5 MILES NORTHWEST OF LOVING, NEW MEXICO



NOTES:

- 1.) BEARINGS, DISTANCES, AREA, AND COORDINATES ARE GRID BASED ON GPS OBSERVATIONS AND CONFORM TO THE NEW MEXICO STATE PLATE COORDINATE SYSTEM OF 1983, EAST ZONE (3001).
- 2.) LATITUDE & LONGITUDE ARE NAD 83 DECIMAL GEOGRAPHIC.
- 3.) THIS SURVEY WAS PERFORMED WITHOUT THE BENEFIT OF A TITLE REPORT AND THE REVIEW OF THE ABSTRACT OF TITLE. THERE MAY BE EASEMENTS AND/OR COVENANTS AFFECTING THIS PROPERTY NOT SHOWN HEREON. LOCATION OF ALL IMPROVEMENTS WAS BEYOND COMMISSIONED SCOPE OF THIS PROJECT AND HAS BEEN SPECIFICALLY OMITTED. VESTING DOCUMENTS NOT FURNISHED FOR THIS SURVEY.

TRACT: NM-WPX-SURFACE SITE
PROJECT NO. 1911199



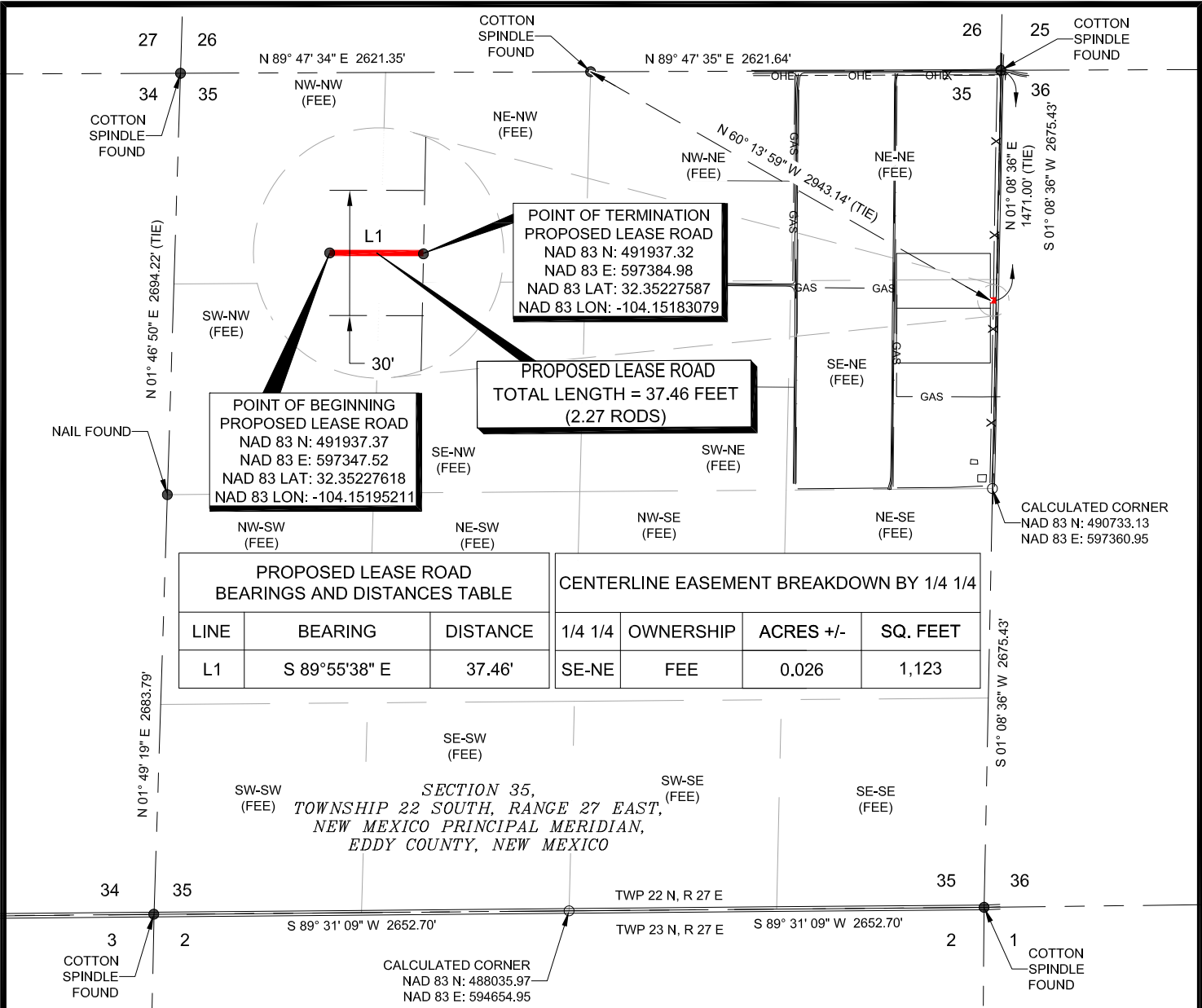
1100 Macon Street
Fort Worth, Texas 76102
Phone: 817-529-1180
TBPLS # 10193740



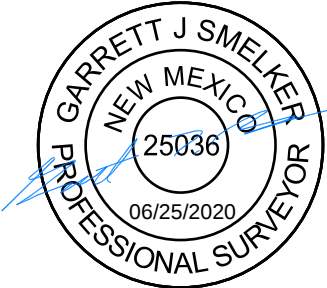
COLLIE 35-34-22-27 FEE 401H-402H

PROPOSED SURFACE SITE
SITUATED IN SECTION 35,
TOWNSHIP 22 SOUTH, RANGE 27 EAST,
NEW MEXICO PRINCIPAL MERIDIAN
EDDY COUNTY, NEW MEXICO

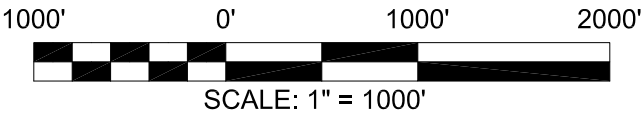
DRAWN BY: MAC	DATE: 06-23-20	DWG. NO.	REV.
CHECKED BY: GJS	DATE: 06-23-20	1911199 COLLIE 35-34-22-27 FEE 401H-402H SURFACE SITE_SEC 35	1
SCALE: 1"=1000'	AFF. #	PAGE 1 OF 1	



I, GARRETT J. SMELKER, A NEW MEXICO PROFESSIONAL LAND SURVEYOR, DO HEREBY CERTIFY THAT I CONDUCTED AND AM RESPONSIBLE FOR THIS SURVEY, THAT THIS SURVEY IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF, AND THAT THIS SURVEY AND PLAT MEET THE MINIMUM STANDARDS FOR SURVEYING IN NEW MEXICO.



POINT OF BEGINNING BEING LOCATED APPROXIMATELY
5.4 MILES NORTHWEST OF LOVING, NEW MEXICO



SCALE: 1" = 1000'

NOTES:

- 1.) BEARINGS, DISTANCES, AREA, AND COORDINATES ARE GRID BASED ON GPS OBSERVATIONS AND CONFORM TO THE NEW MEXICO STATE PLATE COORDINATE SYSTEM OF 1983, EAST ZONE (3001).
- 2.) LATITUDE & LONGITUDE ARE NAD 83 DECIMAL GEOGRAPHIC.
- 3.) THIS SURVEY WAS PERFORMED WITHOUT THE BENEFIT OF A TITLE REPORT AND THE REVIEW OF THE ABSTRACT OF TITLE. THERE MAY BE EASEMENTS AND/OR COVENANTS AFFECTING THIS PROPERTY NOT SHOWN HEREON. LOCATION OF ALL IMPROVEMENTS WAS BEYOND COMMISSIONED SCOPE OF THIS PROJECT AND HAS BEEN SPECIFICALLY OMITTED. VESTING DOCUMENTS NOT FURNISHED FOR THIS SURVEY.

TRACT: NM-WPX-LEASE ROAD
PROJECT NO. 1911199



1100 Macon Street
Fort Worth, Texas 76102
Phone: 817-529-1180
TBPLS # 10193740



COLLIE 35-34-22-27 FEE 401H-402H

PROPOSED LEASE ROAD
SITUATED IN SECTION 35,
TOWNSHIP 22 SOUTH, RANGE 27 EAST,
NEW MEXICO PRINCIPAL MERIDIAN
EDDY COUNTY, NEW MEXICO

DRAWN BY: MAC	DATE: 06-23-20	DWG. NO.	REV.
CHECKED BY: GJS	DATE: 06-23-20	1911199 COLLIE 35-34-22-27 FEE 401H-402H LEASE ROAD_SEC 35 REV1	1
SCALE: 1"=1000'	A/E. #	PAGE 1 OF 1	

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

GAS CAPTURE PLAN

Date: 7/16/2020

☒ Original

Operator & OGRID No.: [246289] WPX Energy Permian, LLC

☐ Amended - Reason for
Amendment: _____

This Gas Capture Plan outlines actions to be taken by the Operator to reduce well/production facility flaring/venting for new completion (new drill, recomple to new zone, re-frac) activity.

Note: Form C-129 must be submitted and approved prior to exceeding 60 days allowed by Rule (Subsection A of 19.15.18.12 NMAC).

Well(s)/Production Facility – Name of facility

The well(s) that will be located at the production facility are shown in the table below.

Well Name	API	Well Location (ULSTR)	Footages	Expected MCF/D	Flared or Vented	Comments
COLLIE 35 34 22 27 FEE #402H	30-015-47294	A-35-22S-27E	1369N 0359E	1440	Flared	

Gathering System and Pipeline Notification

Well(s) will be connected to a production facility after flowback operations are complete, if gas transporter system is in place. The gas produced from production facility is dedicated to LUCID ENERGY DELAWARE, LLC and will be connected to LUCID ENERGY DELAWARE, LLC Low Pressure gathering system located in Eddy County, New Mexico. It will require 21120' of pipeline to connect the facility to Low Pressure gathering system. WPX Energy Permian, LLC provides (periodically) to LUCID ENERGY DELAWARE, LLC a drilling, completion and estimated first production date for wells that are scheduled to be drilled in the foreseeable future. In addition, WPX Energy Permian, LLC and LUCID ENERGY DELAWARE, LLC have periodic conference calls to discuss changes to drilling and completion schedules. Gas from these wells will be processed at LUCID ENERGY DELAWARE, LLC Processing Plant located in Sec. 32, Twn. 23N, Rng. 28E, Eddy County, New Mexico. The actual flow of the gas will be based on compression operating parameters and gathering system pressures.

Flowback Strategy

After the fracture treatment/completion operations, well(s) will be produced to temporary production tanks and gas will be flared or vented. During flowback, the fluids and sand content will be monitored. When the produced fluids contain minimal sand, the wells will be turned to production facilities. Gas sales should start as soon as the wells start flowing through the production facilities, unless there are operational issues on LUCID ENERGY DELAWARE, LLC system at that time. Based on current information, it is WPX Energy Permian, LLC's belief the system can take this gas upon completion of the well(s).

Safety requirements during cleanout operations from the use of underbalanced air cleanout systems may necessitate that sand and non-pipeline quality gas be vented and/or flared rather than sold on a temporary basis.

Alternatives to Reduce Flaring

Below are alternatives considered from a conceptual standpoint to reduce the amount of gas flared.

- Power Generation – On lease
 - Only a portion of gas is consumed operating the generator, remainder of gas will be flared
- Compressed Natural Gas – On lease
 - Gas flared would be minimal, but might be uneconomical to operate when gas volume declines
- NGL Removal – On lease
 - Plants are expensive, residue gas is still flared, and uneconomical to operate when gas volume declines

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District III
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District IV
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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

Form APD Comments

Permit 283042

PERMIT COMMENTS

Operator Name and Address: WPX Energy Permian, LLC [246289] 3500 One Williams Center Tulsa, OK 74172		API Number: 30-015-47294
		Well: COLLIE 35 34 22 27 FEE #402H

Created By	Comment	Comment Date
lrader	Please note in Sec 35, our lease contains Units D and E which were not included when filing out the Completions Dedicated Acreage section.	7/16/2020
rpdany	Well intends for north half spacing for section 34 and 35 and should be approximately 640 acres.	7/16/2020

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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 283042

PERMIT CONDITIONS OF APPROVAL

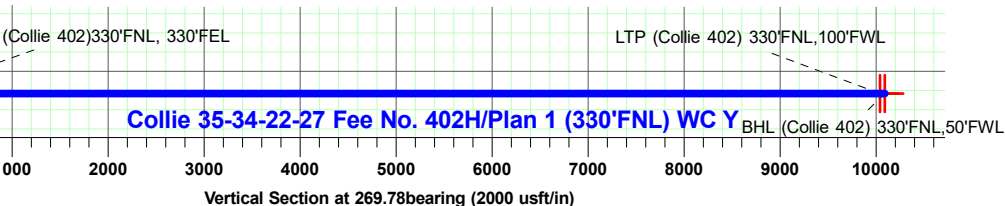
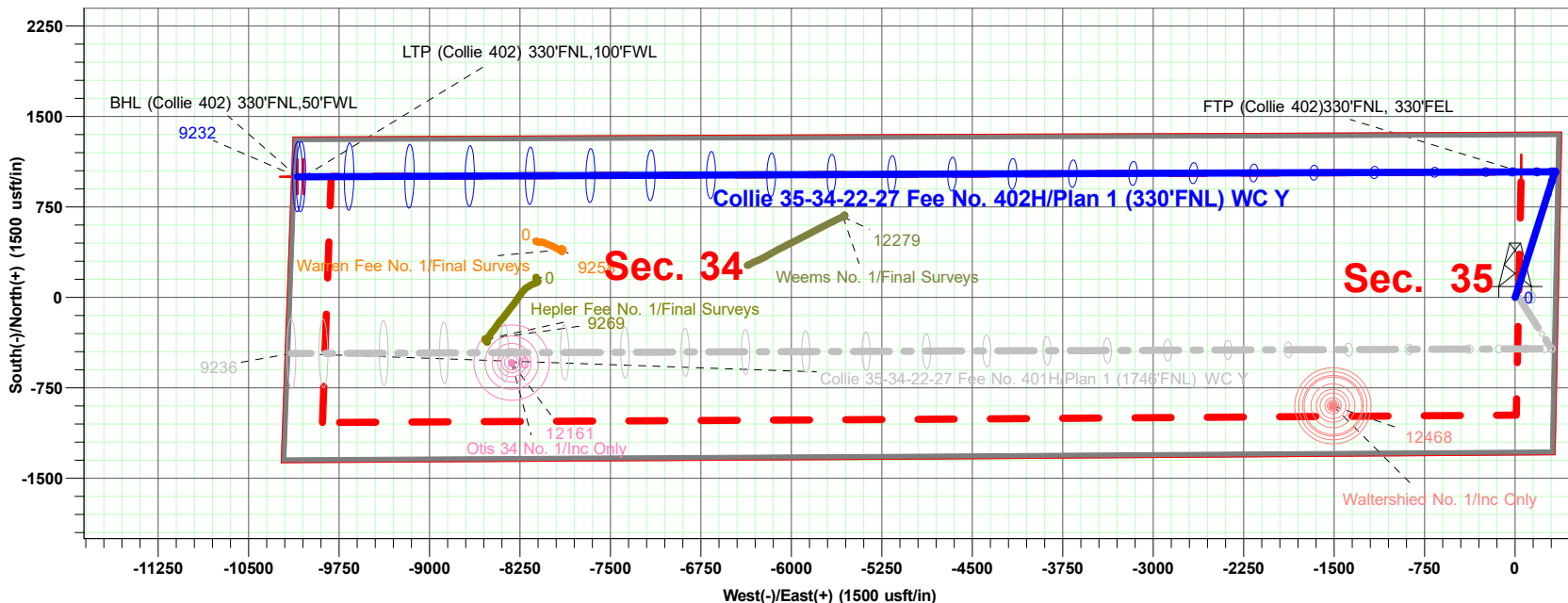
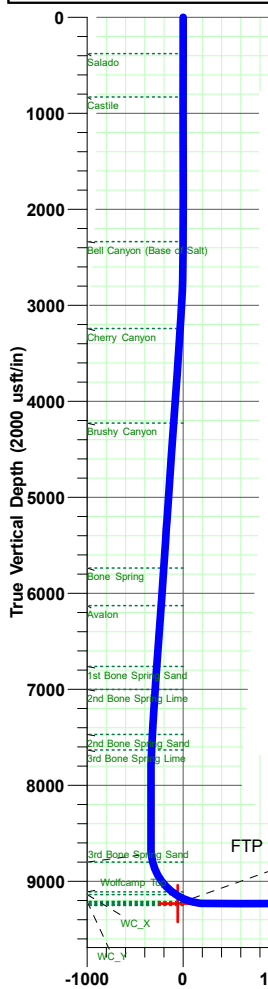
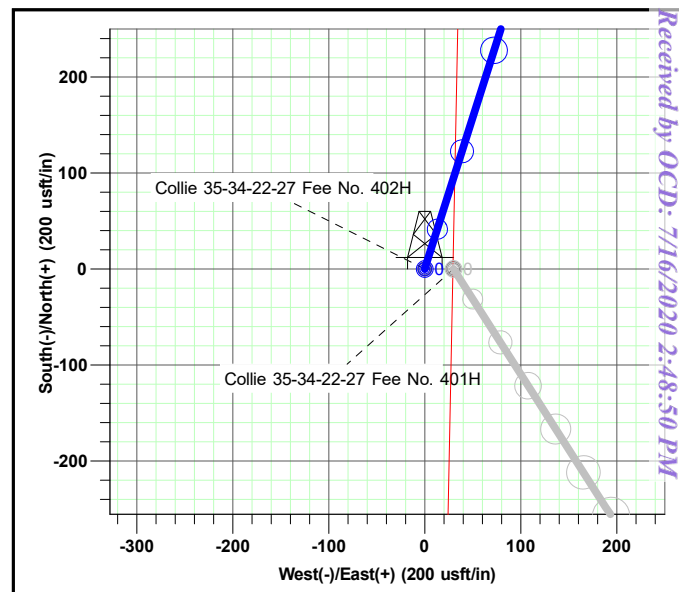
Operator Name and Address: WPX Energy Permian, LLC [246289] 3500 One Williams Center Tulsa, OK 74172		API Number: 30-015-47294
		Well: COLLIE 35 34 22 27 FEE #402H
OCD Reviewer	Condition	
ksimmons	Will require a directional survey with the C-104	
ksimmons	Cement is required to circulate on both surface and intermediate1 strings of casing	
ksimmons	Will require a administrative order for non-standard location prior to placing the well on production.	

SECTION DETAILS
Collie 35-34-22-27 Fee No. 402H

MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	Vsect
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2500.00	0.00	0.00	2500.00	0.00	0.00	0.00	0.00
3137.58	12.75	17.57	3132.33	67.36	21.33	2.00	-21.59
7449.26	12.75	17.57	7337.67	974.65	308.67	0.00	-312.41
8086.84	0.00	0.00	7970.00	1042.01	330.00	2.00	-334.00
8775.89	0.00	0.00	8659.04	1042.01	330.00	0.00	-334.00
9675.89	90.00	269.78	9232.00	1039.76	-242.95	10.00	238.96
19478.12	90.00	269.78	9232.00	1001.27	10045.11	0.00	10041.19
19528.16	90.00	269.78	9232.00	1001.07	10095.15	0.00	10091.23

DESIGN TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Northing	Easting
BHL (Collie 402) 330'FNL,50'FWL	9232.00	1001.08	-10095.15	493038.46	586932.39
FTP (Collie 402)330'FNL, 330'FEL	9232.00	1039.43	50.12	493076.81	597077.66
LTP (Collie 402) 330'FNL,100'FWL	9232.00	1001.27	-10045.11	493038.65	586982.43



WPX Energy

Planning Report - Geographic

Database:	Compass	Local Co-ordinate Reference:	Well Collie 35-34-22-27 Fee No. 402H
Company:	WPX Energy Permian, LLC	TVD Reference:	GL:3078'+28ft @ 3106.00usft (Pat 803)
Project:	Eddy NM	MD Reference:	GL:3078'+28ft @ 3106.00usft (Pat 803)
Site:	Collie 35-34-22-27 FEE PAD	North Reference:	Grid
Well:	Collie 35-34-22-27 Fee No. 402H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan 1 (330'FNL) WC Y		

Project	Eddy 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	Collie 35-34-22-27 FEE PAD					
Site Position:		Northing:	490,402.10 usft	Latitude:	32.348054	
From:	Map	Easting:	597,781.90 usft	Longitude:	-104.150554	
Position Uncertainty:		0.00 usft	Slot Radius:	13.200 in	Grid Convergence:	0.10 °

Well	Collie 35-34-22-27 Fee No. 402H					
Well Position	+N/-S	0.00 usft	Northing:	492,037.38 usft	Latitude:	32.352553
	+E/-W	0.00 usft	Easting:	597,027.54 usft	Longitude:	-104.152988
Position Uncertainty		0.00 usft	Wellhead Elevation:	0.00 usft	Ground Level:	3,078.20 usft

Wellbore	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF200510	12/31/2009	8.02	60.26	48,807.26258064

Design	Plan 1 (330'FNL) WC Y				
Audit Notes:					
Version:	Phase:	PLAN	Tie On Depth:	0.00	
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (bearing)	
	0.00	0.00	0.00	269.78	

Plan Sections										
Measured Depth (usft)	Inclination (°)	Azimuth (bearing)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	TFO (°)	Target
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2,500.00	0.00	0.00	2,500.00	0.00	0.00	0.00	0.00	0.00	0.00	
3,137.58	12.75	17.57	3,132.33	67.36	21.33	2.00	2.00	0.00	17.57	
7,449.26	12.75	17.57	7,337.67	974.65	308.67	0.00	0.00	0.00	0.00	
8,086.84	0.00	0.00	7,970.00	1,042.01	330.00	2.00	-2.00	0.00	180.00	
8,775.89	0.00	0.00	8,659.04	1,042.01	330.00	0.00	0.00	0.00	0.00	
9,675.89	90.00	269.78	9,232.00	1,039.76	-242.95	10.00	10.00	0.00	269.78	
19,478.12	90.00	269.78	9,232.00	1,001.27	-10,045.11	0.00	0.00	0.00	0.00	
19,528.16	90.00	269.78	9,232.00	1,001.07	-10,095.15	0.00	0.00	0.00	0.00	

WPX Energy

Planning Report - Geographic

Database:	Compass	Local Co-ordinate Reference:	Well Collie 35-34-22-27 Fee No. 402H
Company:	WPX Energy Permian, LLC	TVD Reference:	GL:3078'+28ft @ 3106.00usft (Pat 803)
Project:	Eddy NM	MD Reference:	GL:3078'+28ft @ 3106.00usft (Pat 803)
Site:	Collie 35-34-22-27 FEE PAD	North Reference:	Grid
Well:	Collie 35-34-22-27 Fee No. 402H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan 1 (330'FNL) WC Y		

Planned Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (bearing)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude
0.00	0.00	0.00	0.00	0.00	0.00	492,037.38	597,027.54	32.352553	-104.152988
100.00	0.00	0.00	100.00	0.00	0.00	492,037.38	597,027.54	32.352553	-104.152988
200.00	0.00	0.00	200.00	0.00	0.00	492,037.38	597,027.54	32.352553	-104.152988
300.00	0.00	0.00	300.00	0.00	0.00	492,037.38	597,027.54	32.352553	-104.152988
400.00	0.00	0.00	400.00	0.00	0.00	492,037.38	597,027.54	32.352553	-104.152988
500.00	0.00	0.00	500.00	0.00	0.00	492,037.38	597,027.54	32.352553	-104.152988
600.00	0.00	0.00	600.00	0.00	0.00	492,037.38	597,027.54	32.352553	-104.152988
700.00	0.00	0.00	700.00	0.00	0.00	492,037.38	597,027.54	32.352553	-104.152988
800.00	0.00	0.00	800.00	0.00	0.00	492,037.38	597,027.54	32.352553	-104.152988
900.00	0.00	0.00	900.00	0.00	0.00	492,037.38	597,027.54	32.352553	-104.152988
1,000.00	0.00	0.00	1,000.00	0.00	0.00	492,037.38	597,027.54	32.352553	-104.152988
1,100.00	0.00	0.00	1,100.00	0.00	0.00	492,037.38	597,027.54	32.352553	-104.152988
1,200.00	0.00	0.00	1,200.00	0.00	0.00	492,037.38	597,027.54	32.352553	-104.152988
1,300.00	0.00	0.00	1,300.00	0.00	0.00	492,037.38	597,027.54	32.352553	-104.152988
1,400.00	0.00	0.00	1,400.00	0.00	0.00	492,037.38	597,027.54	32.352553	-104.152988
1,500.00	0.00	0.00	1,500.00	0.00	0.00	492,037.38	597,027.54	32.352553	-104.152988
1,600.00	0.00	0.00	1,600.00	0.00	0.00	492,037.38	597,027.54	32.352553	-104.152988
1,700.00	0.00	0.00	1,700.00	0.00	0.00	492,037.38	597,027.54	32.352553	-104.152988
1,800.00	0.00	0.00	1,800.00	0.00	0.00	492,037.38	597,027.54	32.352553	-104.152988
1,900.00	0.00	0.00	1,900.00	0.00	0.00	492,037.38	597,027.54	32.352553	-104.152988
2,000.00	0.00	0.00	2,000.00	0.00	0.00	492,037.38	597,027.54	32.352553	-104.152988
2,100.00	0.00	0.00	2,100.00	0.00	0.00	492,037.38	597,027.54	32.352553	-104.152988
2,200.00	0.00	0.00	2,200.00	0.00	0.00	492,037.38	597,027.54	32.352553	-104.152988
2,300.00	0.00	0.00	2,300.00	0.00	0.00	492,037.38	597,027.54	32.352553	-104.152988
2,400.00	0.00	0.00	2,400.00	0.00	0.00	492,037.38	597,027.54	32.352553	-104.152988
2,500.00	0.00	0.00	2,500.00	0.00	0.00	492,037.38	597,027.54	32.352553	-104.152988
2,600.00	2.00	17.57	2,599.98	1.66	0.53	492,039.04	597,028.07	32.352557	-104.152986
2,700.00	4.00	17.57	2,699.84	6.65	2.11	492,044.03	597,029.65	32.352571	-104.152981
2,800.00	6.00	17.57	2,799.45	14.96	4.74	492,052.34	597,032.28	32.352594	-104.152973
2,900.00	8.00	17.57	2,898.70	26.58	8.42	492,063.96	597,035.96	32.352626	-104.152961
3,000.00	10.00	17.57	2,997.47	41.49	13.14	492,078.87	597,040.68	32.352667	-104.152945
3,100.00	12.00	17.57	3,095.62	59.68	18.90	492,097.06	597,046.44	32.352717	-104.152926
3,137.58	12.75	17.57	3,132.33	67.36	21.33	492,104.74	597,048.88	32.352738	-104.152919
3,200.00	12.75	17.57	3,193.21	80.49	25.49	492,117.88	597,053.04	32.352774	-104.152905
3,300.00	12.75	17.57	3,290.74	101.54	32.16	492,138.92	597,059.70	32.352832	-104.152883
3,400.00	12.75	17.57	3,388.28	122.58	38.82	492,159.96	597,066.36	32.352889	-104.152862
3,500.00	12.75	17.57	3,485.81	143.62	45.48	492,181.00	597,073.03	32.352947	-104.152840
3,600.00	12.75	17.57	3,583.34	164.66	52.15	492,202.05	597,079.69	32.353005	-104.152818
3,700.00	12.75	17.57	3,680.88	185.71	58.81	492,223.09	597,086.36	32.353063	-104.152797
3,800.00	12.75	17.57	3,778.41	206.75	65.48	492,244.13	597,093.02	32.353121	-104.152775
3,900.00	12.75	17.57	3,875.95	227.79	72.14	492,265.17	597,099.68	32.353178	-104.152753
4,000.00	12.75	17.57	3,973.48	248.83	78.81	492,286.22	597,106.35	32.353236	-104.152731
4,100.00	12.75	17.57	4,071.01	269.88	85.47	492,307.26	597,113.01	32.353294	-104.152710
4,200.00	12.75	17.57	4,168.55	290.92	92.13	492,328.30	597,119.68	32.353352	-104.152688
4,300.00	12.75	17.57	4,266.08	311.96	98.80	492,349.34	597,126.34	32.353410	-104.152666
4,400.00	12.75	17.57	4,363.61	333.00	105.46	492,370.39	597,133.00	32.353468	-104.152645
4,500.00	12.75	17.57	4,461.15	354.05	112.13	492,391.43	597,139.67	32.353525	-104.152623
4,600.00	12.75	17.57	4,558.68	375.09	118.79	492,412.47	597,146.33	32.353583	-104.152601
4,700.00	12.75	17.57	4,656.21	396.13	125.45	492,433.51	597,153.00	32.353641	-104.152580
4,800.00	12.75	17.57	4,753.75	417.17	132.12	492,454.56	597,159.66	32.353699	-104.152558
4,900.00	12.75	17.57	4,851.28	438.22	138.78	492,475.60	597,166.33	32.353757	-104.152536
5,000.00	12.75	17.57	4,948.81	459.26	145.45	492,496.64	597,172.99	32.353814	-104.152515
5,100.00	12.75	17.57	5,046.35	480.30	152.11	492,517.68	597,179.65	32.353872	-104.152493
5,200.00	12.75	17.57	5,143.88	501.35	158.77	492,538.73	597,186.32	32.353930	-104.152471
5,300.00	12.75	17.57	5,241.42	522.39	165.44	492,559.77	597,192.98	32.353988	-104.152449

WPX Energy

Planning Report - Geographic

Database:	Compass	Local Co-ordinate Reference:	Well Collie 35-34-22-27 Fee No. 402H
Company:	WPX Energy Permian, LLC	TVD Reference:	GL:3078'+28ft @ 3106.00usft (Pat 803)
Project:	Eddy NM	MD Reference:	GL:3078'+28ft @ 3106.00usft (Pat 803)
Site:	Collie 35-34-22-27 FEE PAD	North Reference:	Grid
Well:	Collie 35-34-22-27 Fee No. 402H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan 1 (330'FNL) WC Y		

Planned Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (bearing)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude	
5,400.00	12.75	17.57	5,338.95	543.43	172.10	492,580.81	597,199.65	32.354046	-104.152428	
5,500.00	12.75	17.57	5,436.48	564.47	178.77	492,601.85	597,206.31	32.354103	-104.152406	
5,600.00	12.75	17.57	5,534.02	585.52	185.43	492,622.90	597,212.97	32.354161	-104.152384	
5,700.00	12.75	17.57	5,631.55	606.56	192.09	492,643.94	597,219.64	32.354219	-104.152363	
5,800.00	12.75	17.57	5,729.08	627.60	198.76	492,664.98	597,226.30	32.354277	-104.152341	
5,900.00	12.75	17.57	5,826.62	648.64	205.42	492,686.02	597,232.97	32.354335	-104.152319	
6,000.00	12.75	17.57	5,924.15	669.69	212.09	492,707.07	597,239.63	32.354393	-104.152298	
6,100.00	12.75	17.57	6,021.68	690.73	218.75	492,728.11	597,246.29	32.354450	-104.152276	
6,200.00	12.75	17.57	6,119.22	711.77	225.42	492,749.15	597,252.96	32.354508	-104.152254	
6,300.00	12.75	17.57	6,216.75	732.81	232.08	492,770.19	597,259.62	32.354566	-104.152232	
6,400.00	12.75	17.57	6,314.29	753.86	238.74	492,791.24	597,266.29	32.354624	-104.152211	
6,500.00	12.75	17.57	6,411.82	774.90	245.41	492,812.28	597,272.95	32.354682	-104.152189	
6,600.00	12.75	17.57	6,509.35	795.94	252.07	492,833.32	597,279.62	32.354739	-104.152167	
6,700.00	12.75	17.57	6,606.89	816.98	258.74	492,854.36	597,286.28	32.354797	-104.152146	
6,800.00	12.75	17.57	6,704.42	838.03	265.40	492,875.41	597,292.94	32.354855	-104.152124	
6,900.00	12.75	17.57	6,801.95	859.07	272.06	492,896.45	597,299.61	32.354913	-104.152102	
7,000.00	12.75	17.57	6,899.49	880.11	278.73	492,917.49	597,306.27	32.354971	-104.152081	
7,100.00	12.75	17.57	6,997.02	901.15	285.39	492,938.53	597,312.94	32.355028	-104.152059	
7,200.00	12.75	17.57	7,094.55	922.20	292.06	492,959.58	597,319.60	32.355086	-104.152037	
7,300.00	12.75	17.57	7,192.09	943.24	298.72	492,980.62	597,326.26	32.355144	-104.152015	
7,400.00	12.75	17.57	7,289.62	964.28	305.38	493,001.66	597,332.93	32.355202	-104.151994	
7,449.26	12.75	17.57	7,337.67	974.65	308.67	493,012.03	597,336.21	32.355230	-104.151983	
7,500.00	11.74	17.57	7,387.25	984.91	311.92	493,022.29	597,339.46	32.355259	-104.151973	
7,600.00	9.74	17.57	7,485.50	1,002.66	317.54	493,040.05	597,345.08	32.355307	-104.151954	
7,700.00	7.74	17.57	7,584.33	1,017.15	322.13	493,054.53	597,349.67	32.355347	-104.151939	
7,800.00	5.74	17.57	7,683.63	1,028.33	325.67	493,065.71	597,353.21	32.355378	-104.151928	
7,900.00	3.74	17.57	7,783.29	1,036.20	328.16	493,073.58	597,355.70	32.355399	-104.151920	
8,000.00	1.74	17.57	7,883.17	1,040.75	329.60	493,078.13	597,357.15	32.355412	-104.151915	
8,086.84	0.00	0.00	7,970.00	1,042.01	330.00	493,079.39	597,357.54	32.355415	-104.151914	
8,100.00	0.00	0.00	7,983.16	1,042.01	330.00	493,079.39	597,357.54	32.355415	-104.151914	
8,200.00	0.00	0.00	8,083.16	1,042.01	330.00	493,079.39	597,357.54	32.355415	-104.151914	
8,300.00	0.00	0.00	8,183.16	1,042.01	330.00	493,079.39	597,357.54	32.355415	-104.151914	
8,400.00	0.00	0.00	8,283.16	1,042.01	330.00	493,079.39	597,357.54	32.355415	-104.151914	
8,500.00	0.00	0.00	8,383.16	1,042.01	330.00	493,079.39	597,357.54	32.355415	-104.151914	
8,600.00	0.00	0.00	8,483.16	1,042.01	330.00	493,079.39	597,357.54	32.355415	-104.151914	
8,700.00	0.00	0.00	8,583.16	1,042.01	330.00	493,079.39	597,357.54	32.355415	-104.151914	
8,775.89	0.00	0.00	8,659.04	1,042.01	330.00	493,079.39	597,357.54	32.355415	-104.151914	
8,800.00	2.41	269.78	8,683.15	1,042.01	329.49	493,079.39	597,357.04	32.355415	-104.151915	
8,850.00	7.41	269.78	8,732.95	1,041.99	325.21	493,079.37	597,352.76	32.355415	-104.151929	
8,900.00	12.41	269.78	8,782.19	1,041.95	316.61	493,079.34	597,344.15	32.355415	-104.151957	
8,950.00	17.41	269.78	8,830.49	1,041.90	303.75	493,079.28	597,331.29	32.355415	-104.151999	
9,000.00	22.41	269.78	8,877.48	1,041.84	286.73	493,079.22	597,314.27	32.355415	-104.152054	
9,050.00	27.41	269.78	8,922.82	1,041.75	265.67	493,079.14	597,293.21	32.355415	-104.152122	
9,100.00	32.41	269.78	8,966.14	1,041.66	240.75	493,079.04	597,268.29	32.355415	-104.152203	
9,150.00	37.41	269.78	9,007.13	1,041.54	212.14	493,078.93	597,239.68	32.355415	-104.152295	
9,200.00	42.41	269.78	9,045.47	1,041.42	180.07	493,078.80	597,207.61	32.355415	-104.152399	
9,250.00	47.41	269.78	9,080.87	1,041.28	144.78	493,078.66	597,172.33	32.355414	-104.152513	
9,300.00	52.41	269.78	9,113.06	1,041.13	106.54	493,078.51	597,134.09	32.355414	-104.152637	
9,350.00	57.41	269.78	9,141.79	1,040.97	65.64	493,078.35	597,093.19	32.355414	-104.152770	
9,400.00	62.41	269.78	9,166.85	1,040.80	22.39	493,078.18	597,049.94	32.355414	-104.152910	
9,450.00	67.41	269.78	9,188.05	1,040.62	-22.87	493,078.00	597,004.67	32.355413	-104.153056	
9,500.00	72.41	269.78	9,205.21	1,040.44	-69.82	493,077.82	596,957.73	32.355413	-104.153208	
9,550.00	77.41	269.78	9,218.23	1,040.25	-118.08	493,077.63	596,909.47	32.355413	-104.153365	
9,600.00	82.41	269.78	9,226.98	1,040.05	-167.29	493,077.44	596,860.25	32.355412	-104.153524	
9,650.00	87.41	269.78	9,231.42	1,039.86	-217.08	493,077.24	596,810.47	32.355412	-104.153685	

WPX Energy

Planning Report - Geographic

Database:	Compass	Local Co-ordinate Reference:	Well Collie 35-34-22-27 Fee No. 402H
Company:	WPX Energy Permian, LLC	TVD Reference:	GL:3078'+28ft @ 3106.00usft (Pat 803)
Project:	Eddy NM	MD Reference:	GL:3078'+28ft @ 3106.00usft (Pat 803)
Site:	Collie 35-34-22-27 FEE PAD	North Reference:	Grid
Well:	Collie 35-34-22-27 Fee No. 402H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan 1 (330'FNL) WC Y		

Planned Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (bearing)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude	
9,675.89	90.00	269.78	9,232.00	1,039.76	-242.95	493,077.14	596,784.59	32.355412	-104.153769	
9,700.00	90.00	269.78	9,232.00	1,039.66	-267.07	493,077.04	596,760.48	32.355412	-104.153847	
9,800.00	90.00	269.78	9,232.00	1,039.27	-367.07	493,076.65	596,660.48	32.355411	-104.154171	
9,900.00	90.00	269.78	9,232.00	1,038.88	-467.06	493,076.26	596,560.48	32.355411	-104.154495	
10,000.00	90.00	269.78	9,232.00	1,038.48	-567.06	493,075.87	596,460.48	32.355410	-104.154819	
10,100.00	90.00	269.78	9,232.00	1,038.09	-667.06	493,075.47	596,360.48	32.355409	-104.155143	
10,200.00	90.00	269.78	9,232.00	1,037.70	-767.06	493,075.08	596,260.48	32.355409	-104.155466	
10,300.00	90.00	269.78	9,232.00	1,037.31	-867.06	493,074.69	596,160.48	32.355408	-104.155790	
10,400.00	90.00	269.78	9,232.00	1,036.91	-967.06	493,074.30	596,060.48	32.355407	-104.156114	
10,500.00	90.00	269.78	9,232.00	1,036.52	-1,067.06	493,073.90	595,960.48	32.355407	-104.156438	
10,600.00	90.00	269.78	9,232.00	1,036.13	-1,167.06	493,073.51	595,860.48	32.355406	-104.156762	
10,700.00	90.00	269.78	9,232.00	1,035.74	-1,267.06	493,073.12	595,760.48	32.355406	-104.157086	
10,800.00	90.00	269.78	9,232.00	1,035.34	-1,367.06	493,072.72	595,660.49	32.355405	-104.157410	
10,900.00	90.00	269.78	9,232.00	1,034.95	-1,467.06	493,072.33	595,560.49	32.355404	-104.157733	
11,000.00	90.00	269.78	9,232.00	1,034.56	-1,567.06	493,071.94	595,460.49	32.355404	-104.158057	
11,100.00	90.00	269.78	9,232.00	1,034.17	-1,667.06	493,071.55	595,360.49	32.355403	-104.158381	
11,200.00	90.00	269.78	9,232.00	1,033.77	-1,767.05	493,071.15	595,260.49	32.355402	-104.158705	
11,300.00	90.00	269.78	9,232.00	1,033.38	-1,867.05	493,070.76	595,160.49	32.355402	-104.159029	
11,400.00	90.00	269.78	9,232.00	1,032.99	-1,967.05	493,070.37	595,060.49	32.355401	-104.159353	
11,500.00	90.00	269.78	9,232.00	1,032.60	-2,067.05	493,069.98	594,960.49	32.355400	-104.159676	
11,600.00	90.00	269.78	9,232.00	1,032.20	-2,167.05	493,069.58	594,860.49	32.355400	-104.160000	
11,700.00	90.00	269.78	9,232.00	1,031.81	-2,267.05	493,069.19	594,760.49	32.355399	-104.160324	
11,800.00	90.00	269.78	9,232.00	1,031.42	-2,367.05	493,068.80	594,660.49	32.355399	-104.160648	
11,900.00	90.00	269.78	9,232.00	1,031.02	-2,467.05	493,068.41	594,560.49	32.355398	-104.160972	
12,000.00	90.00	269.78	9,232.00	1,030.63	-2,567.05	493,068.01	594,460.49	32.355397	-104.161296	
12,100.00	90.00	269.78	9,232.00	1,030.24	-2,667.05	493,067.62	594,360.50	32.355397	-104.161620	
12,200.00	90.00	269.78	9,232.00	1,029.85	-2,767.05	493,067.23	594,260.50	32.355396	-104.161943	
12,300.00	90.00	269.78	9,232.00	1,029.45	-2,867.05	493,066.84	594,160.50	32.355395	-104.162267	
12,400.00	90.00	269.78	9,232.00	1,029.06	-2,967.05	493,066.44	594,060.50	32.355395	-104.162591	
12,500.00	90.00	269.78	9,232.00	1,028.67	-3,067.04	493,066.05	593,960.50	32.355394	-104.162915	
12,600.00	90.00	269.78	9,232.00	1,028.28	-3,167.04	493,065.66	593,860.50	32.355393	-104.163239	
12,700.00	90.00	269.78	9,232.00	1,027.88	-3,267.04	493,065.26	593,760.50	32.355393	-104.163563	
12,800.00	90.00	269.78	9,232.00	1,027.49	-3,367.04	493,064.87	593,660.50	32.355392	-104.163886	
12,900.00	90.00	269.78	9,232.00	1,027.10	-3,467.04	493,064.48	593,560.50	32.355392	-104.164210	
13,000.00	90.00	269.78	9,232.00	1,026.71	-3,567.04	493,064.09	593,460.50	32.355391	-104.164534	
13,100.00	90.00	269.78	9,232.00	1,026.31	-3,667.04	493,063.69	593,360.50	32.355390	-104.164858	
13,200.00	90.00	269.78	9,232.00	1,025.92	-3,767.04	493,063.30	593,260.50	32.355390	-104.165182	
13,300.00	90.00	269.78	9,232.00	1,025.53	-3,867.04	493,062.91	593,160.50	32.355389	-104.165506	
13,400.00	90.00	269.78	9,232.00	1,025.14	-3,967.04	493,062.52	593,060.51	32.355388	-104.165830	
13,500.00	90.00	269.78	9,232.00	1,024.74	-4,067.04	493,062.12	592,960.51	32.355388	-104.166153	
13,600.00	90.00	269.78	9,232.00	1,024.35	-4,167.04	493,061.73	592,860.51	32.355387	-104.166477	
13,700.00	90.00	269.78	9,232.00	1,023.96	-4,267.04	493,061.34	592,760.51	32.355386	-104.166801	
13,800.00	90.00	269.78	9,232.00	1,023.56	-4,367.03	493,060.95	592,660.51	32.355386	-104.167125	
13,900.00	90.00	269.78	9,232.00	1,023.17	-4,467.03	493,060.55	592,560.51	32.355385	-104.167449	
14,000.00	90.00	269.78	9,232.00	1,022.78	-4,567.03	493,060.16	592,460.51	32.355384	-104.167773	
14,100.00	90.00	269.78	9,232.00	1,022.39	-4,667.03	493,059.77	592,360.51	32.355384	-104.168096	
14,200.00	90.00	269.78	9,232.00	1,021.99	-4,767.03	493,059.37	592,260.51	32.355383	-104.168420	
14,300.00	90.00	269.78	9,232.00	1,021.60	-4,867.03	493,058.98	592,160.51	32.355382	-104.168744	
14,400.00	90.00	269.78	9,232.00	1,021.21	-4,967.03	493,058.59	592,060.51	32.355382	-104.169068	
14,500.00	90.00	269.78	9,232.00	1,020.82	-5,067.03	493,058.20	591,960.51	32.355381	-104.169392	
14,600.00	90.00	269.78	9,232.00	1,020.42	-5,167.03	493,057.80	591,860.51	32.355380	-104.169716	
14,700.00	90.00	269.78	9,232.00	1,020.03	-5,267.03	493,057.41	591,760.52	32.355380	-104.170040	
14,800.00	90.00	269.78	9,232.00	1,019.64	-5,367.03	493,057.02	591,660.52	32.355379	-104.170363	
14,900.00	90.00	269.78	9,232.00	1,019.25	-5,467.03	493,056.63	591,560.52	32.355378	-104.170687	
15,000.00	90.00	269.78	9,232.00	1,018.85	-5,567.03	493,056.23	591,460.52	32.355378	-104.171011	

WPX Energy

Planning Report - Geographic

Database:	Compass	Local Co-ordinate Reference:	Well Collie 35-34-22-27 Fee No. 402H
Company:	WPX Energy Permian, LLC	TVD Reference:	GL:3078'+28ft @ 3106.00usft (Pat 803)
Project:	Eddy NM	MD Reference:	GL:3078'+28ft @ 3106.00usft (Pat 803)
Site:	Collie 35-34-22-27 FEE PAD	North Reference:	Grid
Well:	Collie 35-34-22-27 Fee No. 402H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan 1 (330'FNL) WC Y		

Planned Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (bearing)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude	
15,100.00	90.00	269.78	9,232.00	1,018.46	-5,667.02	493,055.84	591,360.52	32.355377	-104.171335	
15,200.00	90.00	269.78	9,232.00	1,018.07	-5,767.02	493,055.45	591,260.52	32.355376	-104.171659	
15,300.00	90.00	269.78	9,232.00	1,017.67	-5,867.02	493,055.06	591,160.52	32.355376	-104.171983	
15,400.00	90.00	269.78	9,232.00	1,017.28	-5,967.02	493,054.66	591,060.52	32.355375	-104.172306	
15,500.00	90.00	269.78	9,232.00	1,016.89	-6,067.02	493,054.27	590,960.52	32.355374	-104.172630	
15,600.00	90.00	269.78	9,232.00	1,016.50	-6,167.02	493,053.88	590,860.52	32.355374	-104.172954	
15,700.00	90.00	269.78	9,232.00	1,016.10	-6,267.02	493,053.49	590,760.52	32.355373	-104.173278	
15,800.00	90.00	269.78	9,232.00	1,015.71	-6,367.02	493,053.09	590,660.52	32.355372	-104.173602	
15,900.00	90.00	269.78	9,232.00	1,015.32	-6,467.02	493,052.70	590,560.52	32.355372	-104.173926	
16,000.00	90.00	269.78	9,232.00	1,014.93	-6,567.02	493,052.31	590,460.53	32.355371	-104.174250	
16,100.00	90.00	269.78	9,232.00	1,014.53	-6,667.02	493,051.91	590,360.53	32.355370	-104.174573	
16,200.00	90.00	269.78	9,232.00	1,014.14	-6,767.02	493,051.52	590,260.53	32.355370	-104.174897	
16,300.00	90.00	269.78	9,232.00	1,013.75	-6,867.02	493,051.13	590,160.53	32.355369	-104.175221	
16,400.00	90.00	269.78	9,232.00	1,013.36	-6,967.01	493,050.74	590,060.53	32.355368	-104.175545	
16,500.00	90.00	269.78	9,232.00	1,012.96	-7,067.01	493,050.34	589,960.53	32.355368	-104.175869	
16,600.00	90.00	269.78	9,232.00	1,012.57	-7,167.01	493,049.95	589,860.53	32.355367	-104.176193	
16,700.00	90.00	269.78	9,232.00	1,012.18	-7,267.01	493,049.56	589,760.53	32.355366	-104.176517	
16,800.00	90.00	269.78	9,232.00	1,011.79	-7,367.01	493,049.17	589,660.53	32.355366	-104.176840	
16,900.00	90.00	269.78	9,232.00	1,011.39	-7,467.01	493,048.77	589,560.53	32.355365	-104.177164	
17,000.00	90.00	269.78	9,232.00	1,011.00	-7,567.01	493,048.38	589,460.53	32.355364	-104.177488	
17,100.00	90.00	269.78	9,232.00	1,010.61	-7,667.01	493,047.99	589,360.53	32.355364	-104.177812	
17,200.00	90.00	269.78	9,232.00	1,010.21	-7,767.01	493,047.60	589,260.53	32.355363	-104.178136	
17,300.00	90.00	269.78	9,232.00	1,009.82	-7,867.01	493,047.20	589,160.54	32.355362	-104.178460	
17,400.00	90.00	269.78	9,232.00	1,009.43	-7,967.01	493,046.81	589,060.54	32.355362	-104.178783	
17,500.00	90.00	269.78	9,232.00	1,009.04	-8,067.01	493,046.42	588,960.54	32.355361	-104.179107	
17,600.00	90.00	269.78	9,232.00	1,008.64	-8,167.01	493,046.03	588,860.54	32.355360	-104.179431	
17,700.00	90.00	269.78	9,232.00	1,008.25	-8,267.00	493,045.63	588,760.54	32.355360	-104.179755	
17,800.00	90.00	269.78	9,232.00	1,007.86	-8,367.00	493,045.24	588,660.54	32.355359	-104.180079	
17,900.00	90.00	269.78	9,232.00	1,007.47	-8,467.00	493,044.85	588,560.54	32.355358	-104.180403	
18,000.00	90.00	269.78	9,232.00	1,007.07	-8,567.00	493,044.45	588,460.54	32.355358	-104.180727	
18,100.00	90.00	269.78	9,232.00	1,006.68	-8,667.00	493,044.06	588,360.54	32.355357	-104.181050	
18,200.00	90.00	269.78	9,232.00	1,006.29	-8,767.00	493,043.67	588,260.54	32.355356	-104.181374	
18,300.00	90.00	269.78	9,232.00	1,005.90	-8,867.00	493,043.28	588,160.54	32.355355	-104.181698	
18,400.00	90.00	269.78	9,232.00	1,005.50	-8,967.00	493,042.88	588,060.54	32.355355	-104.182022	
18,500.00	90.00	269.78	9,232.00	1,005.11	-9,067.00	493,042.49	587,960.54	32.355354	-104.182346	
18,600.00	90.00	269.78	9,232.00	1,004.72	-9,167.00	493,042.10	587,860.55	32.355353	-104.182670	
18,700.00	90.00	269.78	9,232.00	1,004.33	-9,267.00	493,041.71	587,760.55	32.355353	-104.182993	
18,800.00	90.00	269.78	9,232.00	1,003.93	-9,367.00	493,041.31	587,660.55	32.355352	-104.183317	
18,900.00	90.00	269.78	9,232.00	1,003.54	-9,467.00	493,040.92	587,560.55	32.355351	-104.183641	
19,000.00	90.00	269.78	9,232.00	1,003.15	-9,566.99	493,040.53	587,460.55	32.355351	-104.183965	
19,100.00	90.00	269.78	9,232.00	1,002.75	-9,666.99	493,040.14	587,360.55	32.355350	-104.184289	
19,200.00	90.00	269.78	9,232.00	1,002.36	-9,766.99	493,039.74	587,260.55	32.355349	-104.184613	
19,300.00	90.00	269.78	9,232.00	1,001.97	-9,866.99	493,039.35	587,160.55	32.355349	-104.184937	
19,400.00	90.00	269.78	9,232.00	1,001.58	-9,966.99	493,038.96	587,060.55	32.355348	-104.185260	
19,478.12	90.00	269.78	9,232.00	1,001.27	-10,045.11	493,038.65	586,982.43	32.355347	-104.185513	
19,500.00	90.00	269.78	9,232.00	1,001.18	-10,066.99	493,038.57	586,960.55	32.355347	-104.185584	
19,528.16	90.00	269.78	9,232.00	1,001.07	-10,095.15	493,038.45	586,932.39	32.355347	-104.185675	

WPX Energy

Planning Report - Geographic

Database:	Compass	Local Co-ordinate Reference:	Well Collie 35-34-22-27 Fee No. 402H
Company:	WPX Energy Permian, LLC	TVD Reference:	GL:3078'+28ft @ 3106.00usft (Pat 803)
Project:	Eddy NM	MD Reference:	GL:3078'+28ft @ 3106.00usft (Pat 803)
Site:	Collie 35-34-22-27 FEE PAD	North Reference:	Grid
Well:	Collie 35-34-22-27 Fee No. 402H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan 1 (330'FNL) WC Y		

Design Targets									
Target Name									
- hit/miss target	Dip Angle	Dip Dir.	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
- Shape	(°)	(bearing)	(usft)	(usft)	(usft)	(usft)	(usft)		
LTP (Collie 402) 330'FNI - plan hits target center - Point	0.00	0.00	9,232.00	1,001.27	-10,045.11	493,038.65	586,982.43	32.355347	-104.185513
BHL (Collie 402) 330'FN - plan misses target center by 0.01usft at 19528.16usft MD (9232.00 TVD, 1001.07 N, -10095.15 E) - Point	0.00	0.00	9,232.00	1,001.08	-10,095.15	493,038.46	586,932.39	32.355347	-104.185675
FTP (Collie 402)330'FNL - plan misses target center by 70.67usft at 9402.52usft MD (9168.01 TVD, 1040.79 N, 20.16 E) - Point	0.00	0.00	9,232.00	1,039.43	50.12	493,076.81	597,077.66	32.355410	-104.152820

Formations						
Measured Depth (usft)	Vertical Depth (usft)	Name	Lithology	Dip (°)	Dip Direction (bearing)	
380.00	380.00	Salado				
832.00	832.00	Castile				
2,337.00	2,337.00	Bell Canyon (Base of Salt)				
3,251.05	3,243.00	Cherry Canyon				
4,258.91	4,226.00	Brushy Canyon				
5,809.14	5,738.00	Bone Spring				
6,209.00	6,128.00	Avalon				
6,860.06	6,763.00	1st Bone Spring Sand				
7,106.13	7,003.00	2nd Bone Spring Lime				
7,584.27	7,470.00	2nd Bone Spring Sand				
7,748.06	7,632.00	3rd Bone Spring Lime				
8,919.34	8,801.00	3rd Bone Spring Sand				
9,298.27	9,112.00	Wolfcamp Top				
9,344.85	9,139.00	WC_X				
9,524.06	9,212.00	WC_Y				
9,553.60	9,219.00	Top Target				
9,675.89	9,232.00	Landing Point				

Plan Annotations					
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates			
		+N/-S (usft)	+E/-W (usft)	Comment	
2,500.00	2,500.00	0.00	0.00	Start Nudge	
3,100.09	3,095.71	59.70	18.91	Hold 12.00°	
7,525.40	7,412.14	989.73	313.44	EOH	
8,125.49	8,008.65	1,042.01	330.00	Vertical	
8,764.53	8,647.69	1,042.01	330.00	KOP @8764.53'MD	
9,664.53	9,231.89	1,039.80	-231.60	Landing Point @9664.53'MD	
19,466.76	9,232.00	1,001.31	-10,033.76	LTP	
19,516.80	9,232.00	1,001.12	-10,083.80	BHL (50'FWL)	

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