

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) 476-3462

Form C-101

August 1, 2011

Permit 283233

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 30-015-47278
4. Property Code 324950	5. Property Name BEAGLE 35 34 22 27 FEE	6. Well No. 402H

7. Surface Location

UL - Lot P	Section 35	Township 22S	Range 27E	Lot Idn	Feet From 1076	N/S Line S	Feet From 638	E/W Line E	County Eddy
---------------	---------------	-----------------	--------------	---------	-------------------	---------------	------------------	---------------	----------------

8. Proposed Bottom Hole Location

UL - Lot M	Section 34	Township 22S	Range 27E	Lot Idn M	Feet From 709	N/S Line S	Feet From 50	E/W Line W	County Eddy
---------------	---------------	-----------------	--------------	--------------	------------------	---------------	-----------------	---------------	----------------

9. Pool Information

PURPLE SAGE;WOLFCAMP (GAS)	98220
----------------------------	-------

Additional Well Information

11. Work Type New Well	12. Well Type GAS	13. Cable/Rotary	14. Lease Type State	15. Ground Level Elevation 3085
16. Multiple N	17. Proposed Depth 19547	18. Formation Wolfcamp	19. Contractor	20. Spud Date 9/16/2020
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	366	363	0
Int1	12.25	9.625	40	5749	1399	0
Int2	8.75	7	29	9623	662	0
Prod	6.125	4.5	13.5	19547	1213	8373

Casing/Cement Program: Additional Comments

--

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: 7/9/2020

Phone: 539-573-5278

Approved By: Raymond Podany

Title: Geologist

Approved Date: 7/10/2020

Expiration Date: 7/10/2022

Conditions of Approval Attached

District I

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

District II

811 S. First St., Artesia, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720

District III

1000 Rio Brazos Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170

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, 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 BEAGLE 35-34-22-27 FEE	⁶ Well Number 402H
⁷ OGRID No. 246289	⁸ Operator Name WPX ENERGY PERMIAN, LLC	⁹ Elevation 3,085'

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
P	35	22 S	27 E		1,076	SOUTH	638	EAST	EDDY

¹¹ Bottom Hole Location If Different From Surface

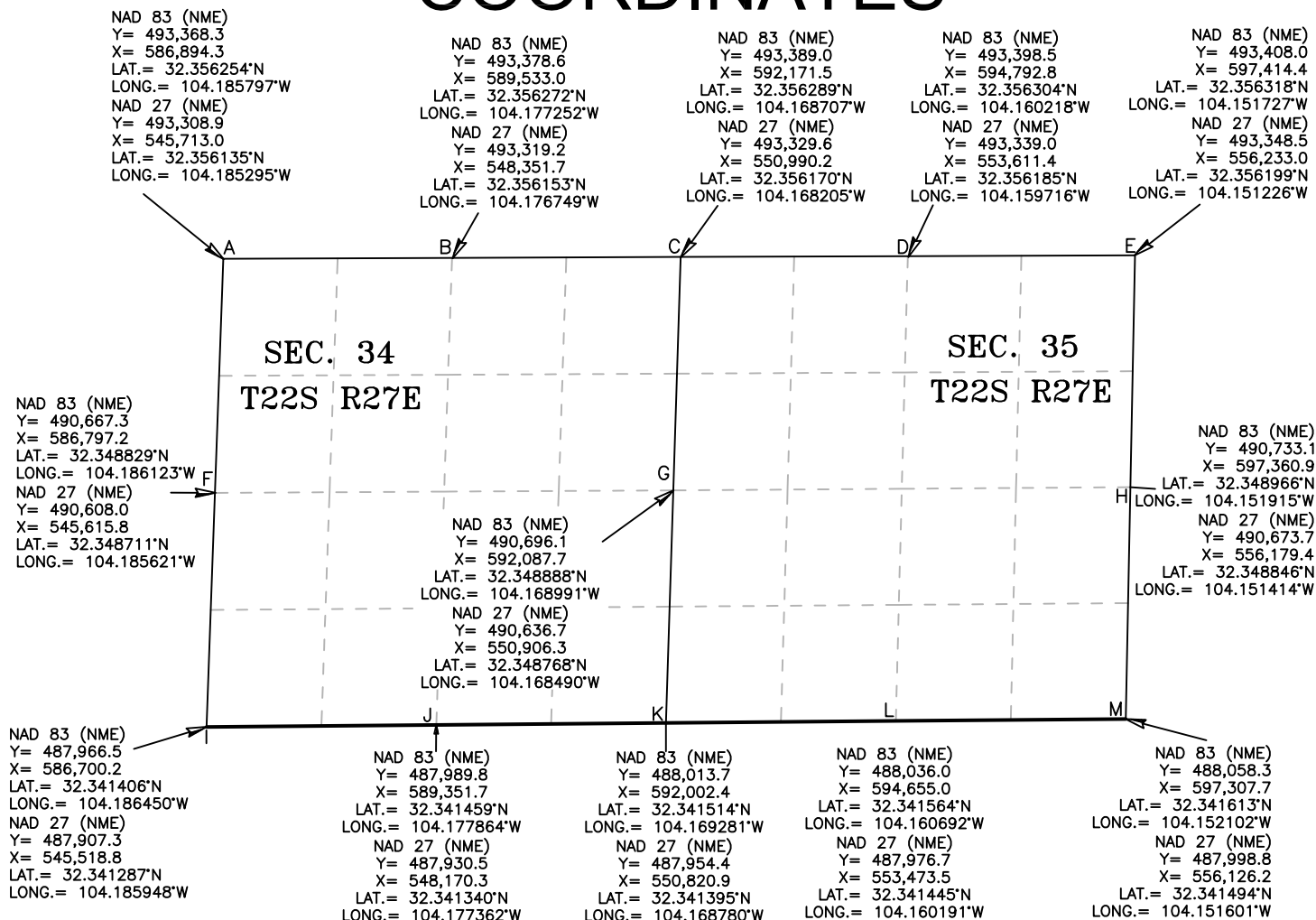
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	34	22 S	27 E		709	SOUTH	50	WEST	EDDY

¹² Dedicated Acres 640 AC S/2	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
---	-------------------------------	----------------------------------	-------------------------

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.

	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. <i>Larry E. Rader</i> 11-14-2019 Signature Date Larry E. Rader Printed Name larry.rader@wpxenergy.com E-mail Address
SURFACE HOLE LOCATION NAD 83 (NME) Y= 489,128.7 X= 596,690.5 LAT.= 32.344559°N LONG.= 104.154095°W NAD 27 (NME) Y= 489,069.3 X= 555,509.0 LAT.= 32.344439°N LONG.= 104.153594°W FIRST TAKE POINT NAD 83 (NME) Y= 488,764.6 X= 596,991.7 LAT.= 32.343556°N LONG.= 104.153122°W NAD 27 (NME) Y= 488,705.2 X= 555,810.2 LAT.= 32.343437°N LONG.= 104.152621°W	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. 10-18-2019 Date of Survey Signature and Seal of Professional Surveyor: <i>Mark Dillon Harp</i> MARK DILLON HARP 23786 Certificate Number RR 2019072192

COORDINATES

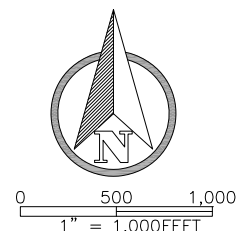


BEAGLE 35-34-22-27 FEE #401H

SHL	KOP	FTP	LTP	BHL
613' FEL & 2,107' FSL	50' FEL & 2,120' FSL	330' FEL & 2,120' FSL	100' FWL & 2,120' FSL	50' FWL & 2,120' FSL
NAD 83 NME	NAD 83 NME	NAD 83 NME	NAD 83 NME	NAD 83 (NME)
Y= 489,128.0	Y= 490,178.3	Y= 490,175.9	Y= 490,088.1	Y= 490,087.6
X= 596,715.5	X= 597,299.9	X= 597,019.8	X= 586,876.5	X= 586,826.4
LAT.= 32.344557°N	LAT.= 32.347441°N	LAT.= 32.347436°N	LAT.= 32.347237°N	LAT.= 32.347236°N
LONG.= 104.154014°W	LONG.= 104.152116°W	LONG.= 104.153023°W	LONG.= 104.185869°W	LONG.= 104.186031°W
NAD 27 NME	NAD 27 NME	NAD 27 NME	NAD 27 (NME)	NAD 27 (NME)
Y= 489,068.6	Y= 490,118.9	Y= 490,116.5	Y= 490,028.8	Y= 490,028.3
X= 555,534.0	X= 556,118.4	X= 555,838.3	X= 545,695.1	X= 545,645.0
LAT.= 32.344437°N	LAT.= 32.347322°N	LAT.= 32.347316°N	LAT.= 32.347118°N	LAT.= 32.347117°N
LONG.= 104.153513°W	LONG.= 104.151615°W	LONG.= 104.152522°W	LONG.= 104.185367°W	LONG.= 104.185529°W

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

SHL	KOP	FTP	LTP	BHL
638' FEL & 1,076' FSL	50' FEL & 709' FSL	330' FEL & 709' FSL	100' FWL & 709' FSL	50' FWL & 709' FSL
NAD 83 NME	NAD 83 (NME)	NAD 83 (NME)	NAD 83 (NME)	NAD 83 (NME)
Y= 489,128.7	Y= 488,767.0	Y= 488,764.6	Y= 488,676.6	Y= 488,676.1
X= 596,690.5	X= 597,271.8	X= 596,991.7	X= 586,825.8	X= 586,775.7
LAT.= 32.344559°N	LAT.= 32.343562°N	LAT.= 32.343556°N	LAT.= 32.343357°N	LAT.= 32.343356°N
LONG.= 104.154095°W	LONG.= 104.152215°W	LONG.= 104.153122°W	LONG.= 104.186040°W	LONG.= 104.186202°W
NAD 27 NME	NAD 27 (NME)	NAD 27 (NME)	NAD 27 (NME)	NAD 27 (NME)
Y= 489,069.3	Y= 488,707.6	Y= 488,705.2	Y= 488,617.4	Y= 488,616.9
X= 555,509.0	X= 556,090.3	X= 555,810.2	X= 545,644.3	X= 545,594.3
LAT.= 32.344439°N	LAT.= 32.343442°N	LAT.= 32.343437°N	LAT.= 32.343238°N	LAT.= 32.343237°N
LONG.= 104.153594°W	LONG.= 104.151714°W	LONG.= 104.152621°W	LONG.= 104.185538°W	LONG.= 104.185700°W



FSC INC
SURVEYORS+ENGINEERS
550 Bailey Ave., 205 - Fort Worth, TX 76107
Ph: 817.349.9800 - Fax: 979.732.5271
TBPE Firm 17957 | TBPLS Firm 10193887
www.fscinc.net
© COPYRIGHT 2016 - ALL RIGHTS RESERVED



SECTION 35, 34 TOWNSHIP 22S, RANGE 27E, N.M.P.M.

COUNTY: EDDY STATE: N.M.OPERATOR: WPX ENERGY PERMIAN, LLC

2019103393

LOCATION COORDINATE SUMMARY

WELL LOCATIONS

WELL NAME	SHL / BHL	SECTION	TOWNSHIP	RANGE	NEW MEXICO STATE PLANE 1983 EAST ZONE		GEOGRAPHIC NAD 83				NEW MEXICO STATE PLANE 1927 EAST ZONE		GEOGRAPHIC NAD 27				FOOTAGE	
					NORTHING	EASTING	DEG. MIN.	DECIMAL SECONDS	DECIMAL DEGREES		NORTHING	EASTING	DEG. MIN.	DECIMAL SECONDS	DECIMAL DEGREES			
BEAGLE 35-34-22-27 FEE STATE COM 401H	SHL	35	22S	27E	489,128.0	596,715.5	32°20'40.40"	104°09'14.45"	32.344557	104.154014	489,068.6	555,534.0	32° 20' 39.97"	104° 09' 12.65"	32.344437	104.153513	1,075' FSL	613' FEL
BEAGLE 35-34-22-27 FEE STATE COM 401H	BHL	34	22S	27E	490,087.6	586,826.4	32°20'50.05"	104°11'09.71"	32.347236	104.186031	490,028.3	545,645.0	32° 20' 49.62"	104° 11'07.91 "	32.347117	104.185529	2,120' FSL	50' FWL
BEAGLE 35-34-22-27 FEE STATE COM 402H	SHL	35	22S	27E	489,128.7	596,690.5	32°20'40.41"	104°09'14.74"	32.344559	104.154095	489,069.3	555,509.0	32° 20' 39.98"	104° 09' 12.93"	32.344439	104.153594	1,076' FSL	638' FEL
BEAGLE 35-34-22-27 FEE STATE COM 402H	BHL	34	22S	27E	488,676.1	586,775.7	32°20'36.08"	104°11'10.33"	32.343356	104.186202	488,616.9	545,594.3	32° 20' 35.65"	104° 11' 08.52"	32.343237	104.185700	709' FSL	50' FWL

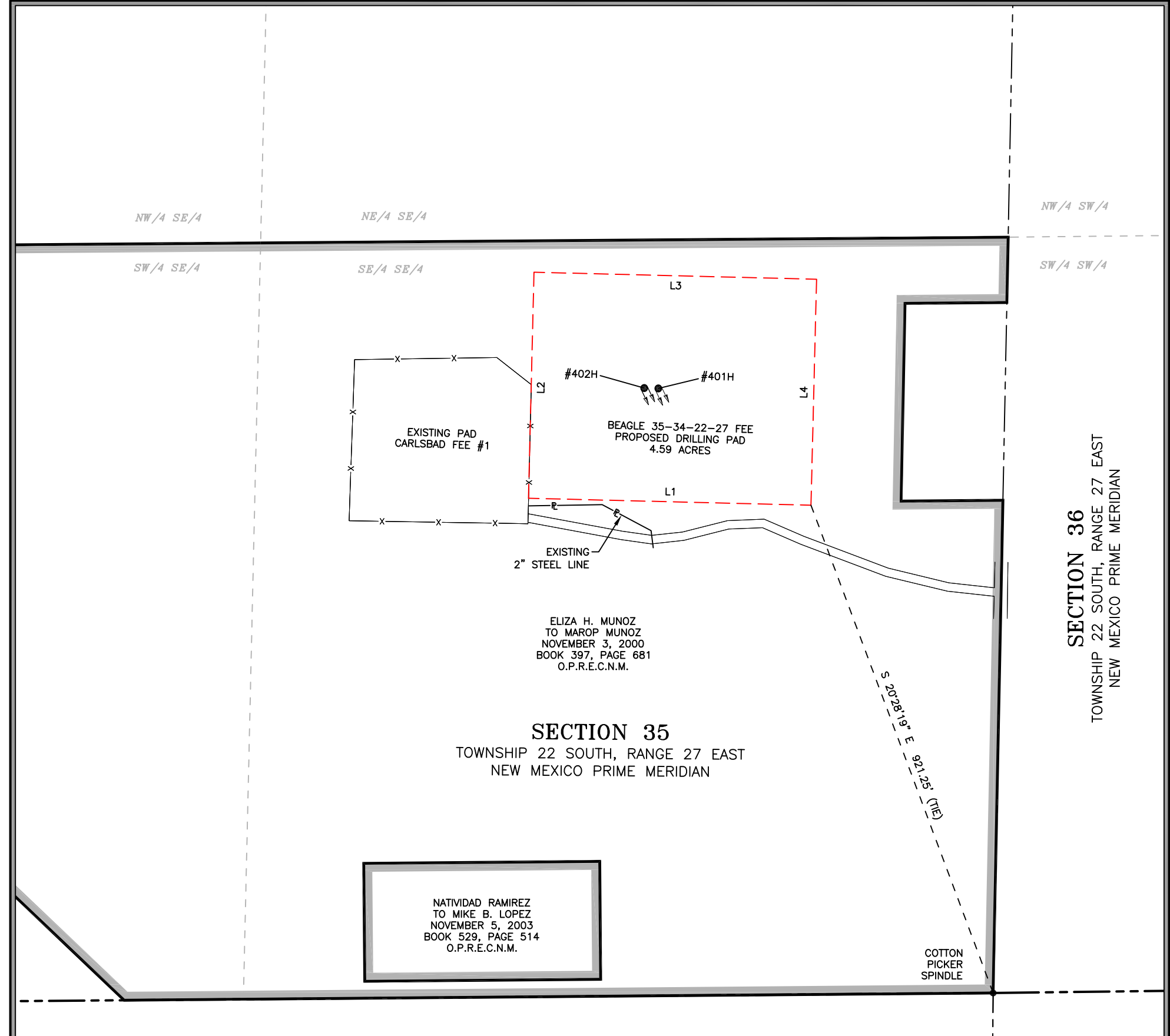
SECTION CORNERS

CORNER	SECTION	TOWNSHIP	RANGE	NEW MEXICO STATE PLANE 1983 EAST ZONE		GEOGRAPHIC NAD 83				NEW MEXICO STATE PLANE 1927 EAST ZONE		GEOGRAPHIC NAD 27			
				NORTHING	EASTING	DEG. MIN.	DECIMAL SECONDS	DECIMAL DEGREES		NORTHING	EASTING	DEG. MIN.	DECIMAL SECONDS	DECIMAL DEGREES	
NW	34	22S	27E	493,368.3	586,894.3	32°21'22.51"	104°11'08.87"	32.356254	104.185797	493,308.9	545,713.0	32° 21' 22.09"	104° 11' 07.06"	32.356135	104.185295
N4	34	22S	27E	493,378.5	589,533.0	32°21'22.58"	104°10'38.11"	32.356272	104.177252	493,319.1	548,351.7	32° 21' 22.15"	104° 10' 36.30"	32.356152	104.176749
NE	34	22S	27E	493,389.0	592,171.5	32°21'22.64"	104°10'07.34"	32.356289	104.168707	493,329.6	550,990.2	32° 21' 22.21"	104° 10' 05.54"	32.356170	104.168205
E4	34	22S	27E	490,696.1	592,087.7	32°20'56.00"	104°10'08.37"	32.348888	104.168991	490,636.7	550,906.3	32° 20' 55.57"	104° 10' 06.56"	32.348768	104.168490
SE	34	22S	27E	488,013.7	592,002.4	32°20'29.45"	104°10'09.41"	32.341514	104.169281	487,954.4	550,820.9	32° 20' 29.02"	104° 10' 07.61"	32.341395	104.168780
S4	34	22S	27E	487,989.8	589,351.7	32°20'29.25"	104°10'40.31"	32.341459	104.177864	487,930.5	548,170.3	32° 20' 28.83"	104° 10' 38.50"	32.341340	104.177362
SW	34	22S	27E	487,966.5	586,700.2	32°20'29.06"	104°11'11.22"	32.341406	104.186450	487,907.3	545,518.8	32° 20' 28.63"	104° 11'09.41 "	32.341287	104.185948
W4	34	22S	27E	490,667.3	586,797.2	32°20'55.79"	104°11'10.04"	32.348829	104.186123	490,608.0	545,615.8	32° 20' 55.36"	104° 11' 08.24"	32.348711	104.185621

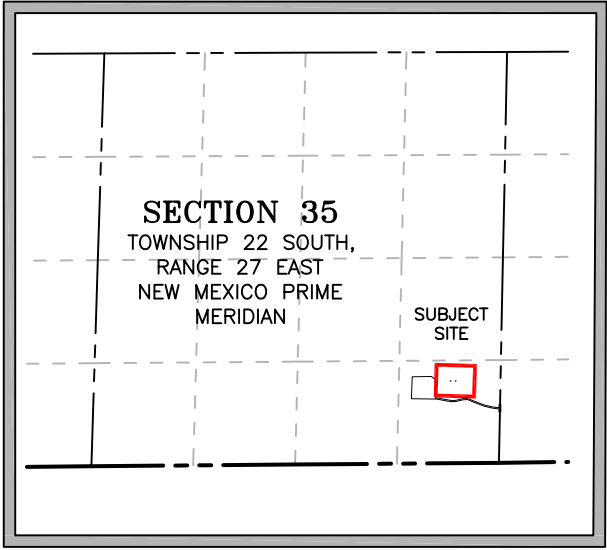
SECTION CORNERS

CORNER	SECTION	TOWNSHIP	RANGE	NEW MEXICO STATE PLANE 1983 EAST ZONE		GEOGRAPHIC NAD 83				NEW MEXICO STATE PLANE 1927 EAST ZONE		GEOGRAPHIC NAD 27			
				NORTHING	EASTING	DEG. MIN.	DECIMAL SECONDS	DECIMAL DEGREES		NORTHING	EASTING	DEG. MIN.	DECIMAL SECONDS	DECIMAL DEGREES	
NW	35	22S	27E	493,389.0	592,171.5	32°21'22.64"	104°10'07.34"	32.356289	104.168707	493,329.6	550,990.2	32° 21' 22.21"	104° 10' 05.54"	32.356170	104.168205
N4	35	22S	27E	493,398.5	594,792.8	32°21'22.70"	104°09'36.78"	32.356304	104.160218	493,339.0	553,611.4	32° 21' 22.27"	104° 09' 34.98"	32.356185	104.159716
NE	35	22S	27E	493,408.0	597,414.4	32°21'22.75"	104°09'06.22"	32.356318	104.151727	493,348.5	556,233.0	32° 21' 22.32"	104° 09' 04.41"	32.356199	104.151226
E4	35	22S	27E	490,733.1	597,360.9	32°20'56.28"	104°09'06.90"	32.348966	104.151915	490,673.7	556,179.4	32° 20' 55.85"	104° 09' 05.09"	32.348846	104.151414
SE	35	22S	27E	488,058.2	597,307.7	32°20'29.81"	104°09'07.57"	32.341613	104.152102	487,998.8	556,126.2	32° 20' 29.38"	104° 09' 05.77"	32.341494	104.151601
S4	35	22S	27E	488,036.0	594,655.0	32°20'29.63"	104°09'38.49"	32.341564	104.160692	487,976.7	553,473.5	32° 20' 29.20"	104° 09' 36.69"	32.341445	104.160191
SW	35	22S	27E	488,013.7	592,002.4	32°20'29.45"	104°10'09.41"	32.341514	104.169281	487,954.4	550,820.9	32° 20' 29.02"	104° 10' 07.61"	32.341395	104.168780
W4	35	22S	27E	490,696.1	592,087.7	32°20'56.00"	104°10'08.37"	32.348888	104.168991	490,636.7	550,906.3	32° 20' 55.57"	104° 10' 06.56"	32.348768	104.168490



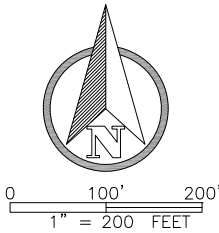


VICINITY MAP



PROPOSED PAD - 4.59 ACRES

LINE	BEARING	DISTANCE
L1	N 88°35'13" W	499.92'
L2	N 01°23'58" E	400.09'
L3	S 88°34'42" E	500.02'
L4	S 01°24'55" W	400.01'



LEGEND

---	SECTION LINE
- - - -	PROPOSED PAD
---	EXISTING ROAD
—P—P—	EXISTING PIPELINE
-X-X-	EXISTING FENCE
---	TRACT LINE
●	FOUND MONUMENT AS NOTED

GENERAL NOTES

- BEARINGS AND COORDINATES SHOWN HEREON ARE MERCATOR GRID AND CONFORM TO THE NEW MEXICO COORDINATE SYSTEM "NEW MEXICO EAST ZONE" NORTH AMERICAN DATUM 1983.
- LATITUDE AND LONGITUDE VALUES SHOWN HEREON ARE RELATIVE TO THE NORTH AMERICAN DATUM (NAD83).

I, MARK DILLON HARP, NEW MEXICO PROFESSIONAL SURVEYOR NO. 23786, 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 IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

MARK DILLON HARP
REGISTERED PROFESSIONAL LAND SURVEYOR
STATE OF NEW MEXICO NO. 23786



EXHIBIT OF :

LEASE FLOW DIAGRAM FOR:
WPX ENERGY PERMIAN, LLC
BEAGLE 35-34-22-27 FEE

SITUATED IN SECTION 35,
TOWNSHIP 22 SOUTH, RANGE 27 EAST,
NEW MEXICO PRIME MERIDIAN,
EDDY COUNTY, NEW MEXICO.



DATE:	10-18-2019
DRAWN BY:	RR
CHECKED BY:	DH
FIELD CREW:	DL/KN
PROJECT NO:	2019103393
SCALE:	1"=200'
SHEET:	1
REVISION:	1

AERIAL MAP

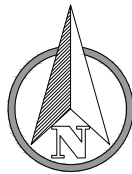
BEAGLE
35-34-22-27
FEE #402H

DIRECTIONS TO THIS LOCATION:

FROM THE INTERSECTION OF NATIONAL PARKS HIGHWAY (U.S. 180 WEST) AND PECOS HIGHWAY (U.S. 285), GO SOUTHEAST ON PECOS HIGHWAY (U.S. 285) FOR APPROX. 4.2 MILES. TURN LEFT (EAST) ONTO HEPLER ROAD (COUNTY ROAD 705) AND GO APPROX. 0.9 MILES. TURN RIGHT (SOUTH) ONTO PORTER ROAD AND GO APPROX. 0.4 MILES. TURN RIGHT ONTO A LEASE ROAD AND GO APPROX. 0.2 MILES ARRIVING AT AN EXISTING PAD SITE, THE PROPOSED LOCATION IS TO THE NORTH.



BEAGLE 35-22-27 FEE #402H
LOCATED 1,076 FEET FROM THE SOUTH LINE
AND 638 FEET FROM THE EAST LINE OF
SECTION 35, TOWNSHIP 22 SOUTH,
RANGE 27 EAST, N.M.P.M.
EDDY COUNTY, NEW MEXICO



0 1,000 2,000'
1" = 2,000 FEET



FSC INC
SURVEYORS+ENGINEERS

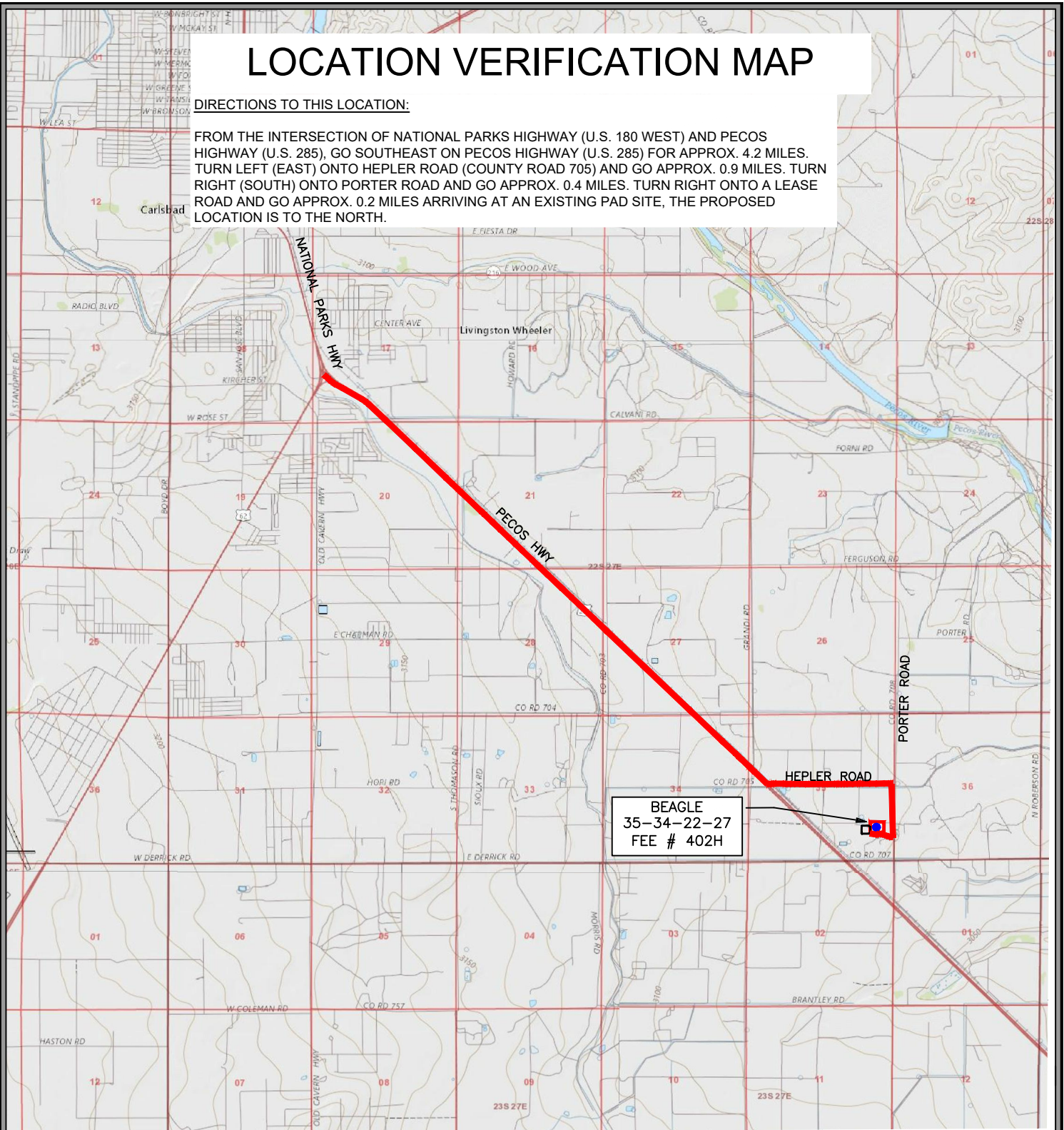
550 Bailey Ave., 205 - Fort Worth, TX 76107
Ph: 817.349.9800 - Fax: 979.732.5271
TBPE Firm 17957 | TBPLS Firm 10193887
www.fscinc.net

DATE:	10-18-2019
DRAWN BY:	RR
CHECKED BY:	DH
FIELD CREW:	RE
PROJECT NO:	2019072192
SCALE:	1" = 2,000'
SHEET:	1 OF 1
REVISION:	0

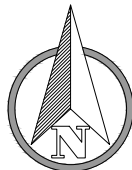
LOCATION VERIFICATION MAP

DIRECTIONS TO THIS LOCATION:

FROM THE INTERSECTION OF NATIONAL PARKS HIGHWAY (U.S. 180 WEST) AND PECOS HIGHWAY (U.S. 285), GO SOUTHEAST ON PECOS HIGHWAY (U.S. 285) FOR APPROX. 4.2 MILES. TURN LEFT (EAST) ONTO HEPLER ROAD (COUNTY ROAD 705) AND GO APPROX. 0.9 MILES. TURN RIGHT (SOUTH) ONTO PORTER ROAD AND GO APPROX. 0.4 MILES. TURN RIGHT ONTO A LEASE ROAD AND GO APPROX. 0.2 MILES ARRIVING AT AN EXISTING PAD SITE, THE PROPOSED LOCATION IS TO THE NORTH.



BEAGLE 35-22-27 FEE #402H
LOCATED 1,076 FEET FROM THE SOUTH LINE
AND 638 FEET FROM THE WEST LINE OF
SECTION 35, TOWNSHIP 22 SOUTH,
RANGE 27 EAST, N.M.P.M.
EDDY COUNTY, NEW MEXICO



0 2,500' 5,000'
1" = 5,000 FEET



FSC INC
SURVEYORS+ENGINEERS

550 Bailey Ave., 205 - Fort Worth, TX 76107
Ph: 817.349.9800 - Fax: 979.732.5271
TBPE Firm 17957 | TBPLS Firm 10193887
www.fscinc.net

DATE:	10-18-2019
DRAWN BY:	RR
CHECKED BY:	DH
FIELD CREW:	RE
PROJECT NO:	2019072192
SCALE:	1" = 5,000'
SHEET:	1 OF 1
REVISION:	0

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: 7/10/2020

☒ 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
BEAGLE 35 34 22 27 FEE #402H	30-015-47278	P-35-22S-27E	1076S 0638E	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

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

Form APD Comments

Permit 283233

PERMIT COMMENTS

Operator Name and Address: WPX Energy Permian, LLC [246289] 3500 One Williams Center Tulsa, OK 74172		API Number: 30-015-47278
		Well: BEAGLE 35 34 22 27 FEE #402H
Created By	Comment	Comment Date

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

Form APD Conditions

Permit 283233

PERMIT CONDITIONS OF APPROVAL

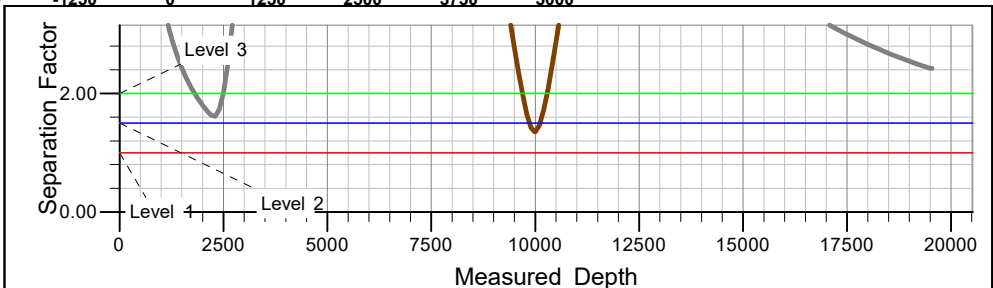
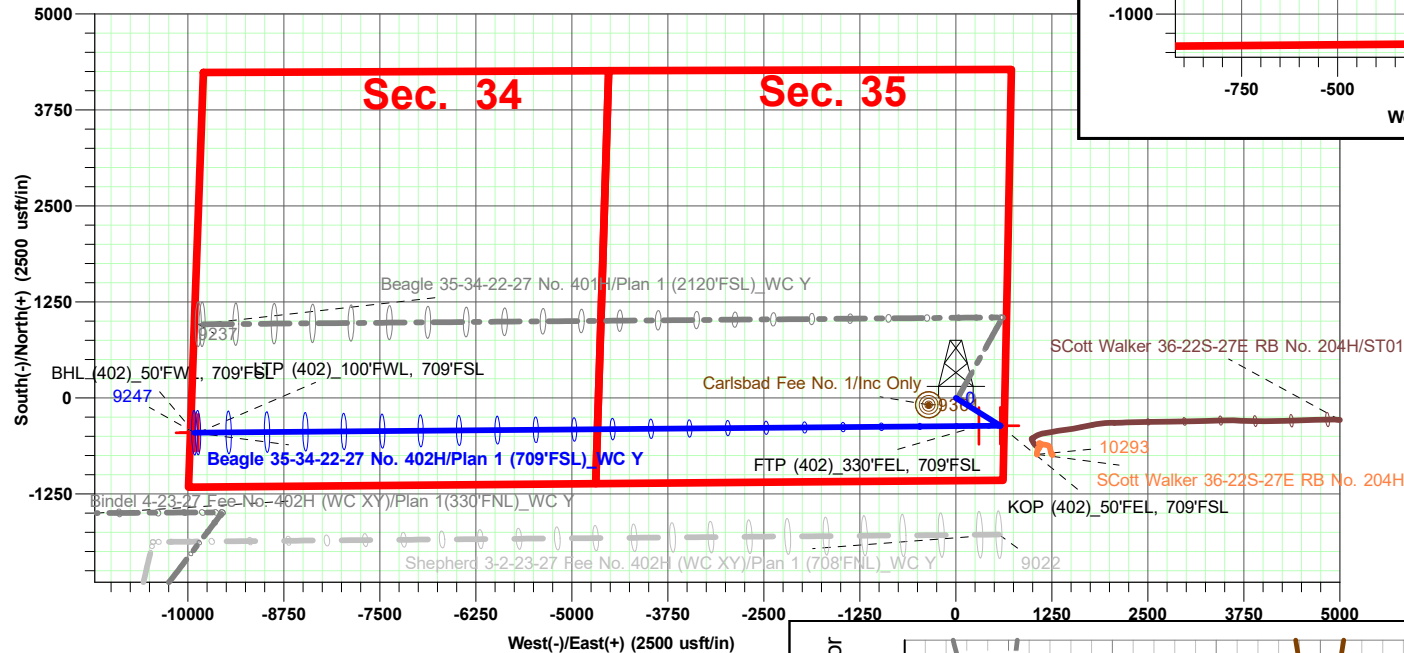
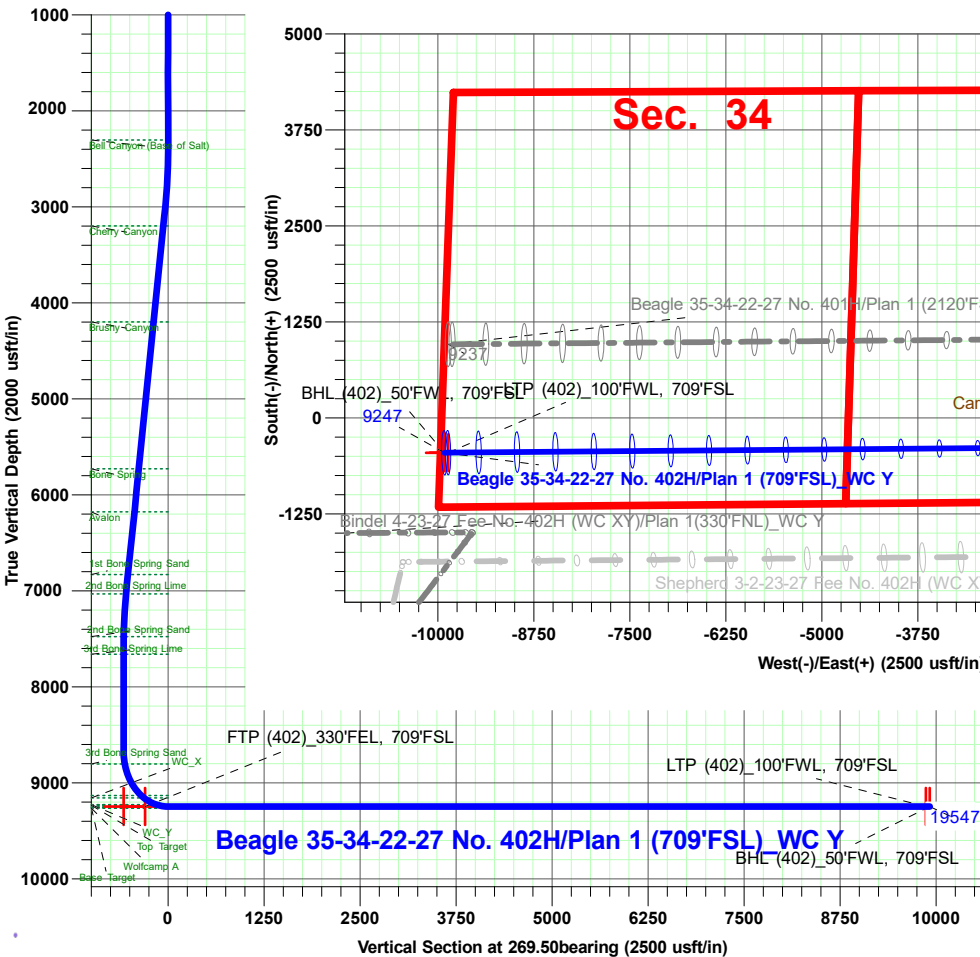
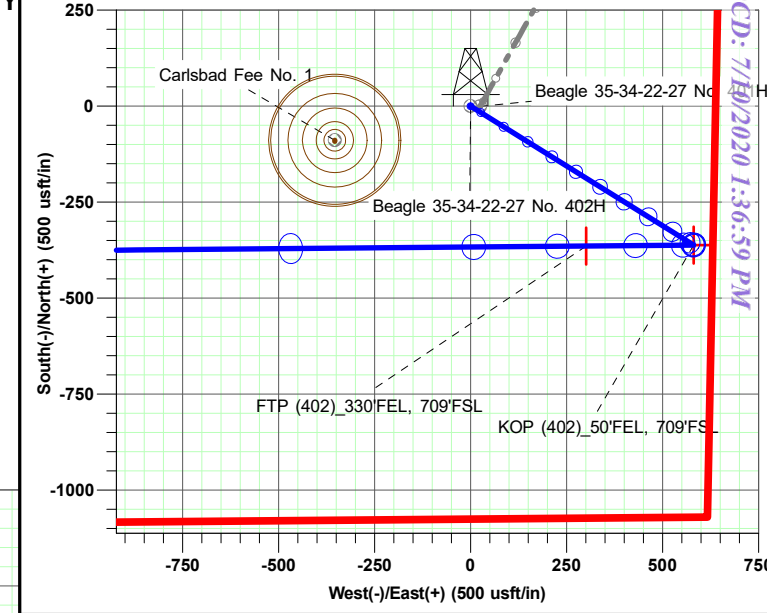
Operator Name and Address:		API Number:
WPX Energy Permian, LLC [246289]		30-015-47278
3500 One Williams Center		Well:
Tulsa, OK 74172		BEAGLE 35 34 22 27 FEE #402H
OCD Reviewer	Condition	
rpodany	Will require a directional survey with the C-104	
rpodany	Cement is required to circulate on both surface and intermediate1 strings of casing	
rpodany	NSL required	

SECTION DETAILS
Beagle 35-34-22-27 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
2925.19	8.50	121.89	2923.63	-16.64	26.74	2.00	-26.59
7129.15	8.50	121.89	7081.37	-345.06	554.56	0.00	-551.53
7554.34	0.00	0.00	7505.00	-361.70	581.30	2.00	-578.12
8723.38	0.00	0.00	8674.04	-361.70	581.30	0.00	-578.12
9623.38	90.00	269.50	9247.00	-366.66	8.36	10.00	-5.16
19496.81	90.00	269.50	9247.00	-452.10	-9864.70	0.00	9868.27
19546.91	90.00	269.50	9247.00	-452.53	-9914.80	0.00	9918.37

DESIGN TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Northing	Easting
BHL (402)_50'FWL, 709'FSL	9247.00	-452.60	-9914.80	488676.10	586775.70
FTP (402)_330'FEL, 709'FSL	9247.00	-364.10	301.20	488764.60	596991.70
KOP (402)_50'FEL, 709'FSL	9247.00	-361.70	581.30	488767.00	597271.80
LTP (402)_100'FWL, 709'FSL	9247.00	-452.10	-9864.70	488676.60	586825.80



WPX Energy

Planning Report - Geographic

Database:	Compass	Local Co-ordinate Reference:	Well Beagle 35-34-22-27 No. 402H
Company:	WPX Energy Permian, LLC	TVD Reference:	GL:3085+28ft @ 3113.00usft (Pat. 803)
Project:	Eddy NM	MD Reference:	GL:3085+28ft @ 3113.00usft (Pat. 803)
Site:	Beagle 35-34-22-27 Pad	North Reference:	Grid
Well:	Beagle 35-34-22-27 No. 402H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan 1 (709'FSL)_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		Beagle 35-34-22-27 Pad			
Site Position:		Northing:	489,128.00 usft	Latitude:	32.344557
From:	Map	Easting:	596,715.50 usft	Longitude:	-104.154014
Position Uncertainty:	0.00 usft	Slot Radius:	13.200 in	Grid Convergence:	0.10 °

Well	Beagle 35-34-22-27 No. 402H					
Well Position	+N/-S	0.00 usft	Northing:	489,128.70 usft	Latitude:	32.344559
	+E/-W	0.00 usft	Easting:	596,690.50 usft	Longitude:	-104.154095
Position Uncertainty		0.00 usft	Wellhead Elevation:		Ground Level:	3,085.00 usft

Wellbore	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF200510	12/31/2009	8.02	60.25	48,802.27038538

Design	Plan 1 (709'FSL)_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	269.50	

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	
2,925.19	8.50	121.89	2,923.63	-16.64	26.74	2.00	2.00	0.00	121.89	
7,129.15	8.50	121.89	7,081.37	-345.06	554.56	0.00	0.00	0.00	0.00	
7,554.34	0.00	0.00	7,505.00	-361.70	581.30	2.00	-2.00	0.00	180.00	
8,723.38	0.00	0.00	8,674.04	-361.70	581.30	0.00	0.00	0.00	0.00	
9,623.38	90.00	269.50	9,247.00	-366.66	8.36	10.00	10.00	0.00	269.50	
19,496.81	90.00	269.50	9,247.00	-452.10	-9,864.70	0.00	0.00	0.00	0.00	
19,546.91	90.00	269.50	9,247.00	-452.53	-9,914.80	0.00	0.00	0.00	0.00	

WPX Energy

Planning Report - Geographic

Database:	Compass	Local Co-ordinate Reference:	Well Beagle 35-34-22-27 No. 402H
Company:	WPX Energy Permian, LLC	TVD Reference:	GL:3085+28ft @ 3113.00usft (Pat. 803)
Project:	Eddy NM	MD Reference:	GL:3085+28ft @ 3113.00usft (Pat. 803)
Site:	Beagle 35-34-22-27 Pad	North Reference:	Grid
Well:	Beagle 35-34-22-27 No. 402H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan 1 (709'FSL)_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	489,128.70	596,690.50	32.344559	-104.154095
100.00	0.00	0.00	100.00	0.00	0.00	489,128.70	596,690.50	32.344559	-104.154095
200.00	0.00	0.00	200.00	0.00	0.00	489,128.70	596,690.50	32.344559	-104.154095
300.00	0.00	0.00	300.00	0.00	0.00	489,128.70	596,690.50	32.344559	-104.154095
366.00	0.00	0.00	366.00	0.00	0.00	489,128.70	596,690.50	32.344559	-104.154095
Salado									
400.00	0.00	0.00	400.00	0.00	0.00	489,128.70	596,690.50	32.344559	-104.154095
500.00	0.00	0.00	500.00	0.00	0.00	489,128.70	596,690.50	32.344559	-104.154095
600.00	0.00	0.00	600.00	0.00	0.00	489,128.70	596,690.50	32.344559	-104.154095
700.00	0.00	0.00	700.00	0.00	0.00	489,128.70	596,690.50	32.344559	-104.154095
725.00	0.00	0.00	725.00	0.00	0.00	489,128.70	596,690.50	32.344559	-104.154095
Castile									
800.00	0.00	0.00	800.00	0.00	0.00	489,128.70	596,690.50	32.344559	-104.154095
900.00	0.00	0.00	900.00	0.00	0.00	489,128.70	596,690.50	32.344559	-104.154095
1,000.00	0.00	0.00	1,000.00	0.00	0.00	489,128.70	596,690.50	32.344559	-104.154095
1,100.00	0.00	0.00	1,100.00	0.00	0.00	489,128.70	596,690.50	32.344559	-104.154095
1,200.00	0.00	0.00	1,200.00	0.00	0.00	489,128.70	596,690.50	32.344559	-104.154095
1,300.00	0.00	0.00	1,300.00	0.00	0.00	489,128.70	596,690.50	32.344559	-104.154095
1,400.00	0.00	0.00	1,400.00	0.00	0.00	489,128.70	596,690.50	32.344559	-104.154095
1,500.00	0.00	0.00	1,500.00	0.00	0.00	489,128.70	596,690.50	32.344559	-104.154095
1,600.00	0.00	0.00	1,600.00	0.00	0.00	489,128.70	596,690.50	32.344559	-104.154095
1,700.00	0.00	0.00	1,700.00	0.00	0.00	489,128.70	596,690.50	32.344559	-104.154095
1,800.00	0.00	0.00	1,800.00	0.00	0.00	489,128.70	596,690.50	32.344559	-104.154095
1,900.00	0.00	0.00	1,900.00	0.00	0.00	489,128.70	596,690.50	32.344559	-104.154095
2,000.00	0.00	0.00	2,000.00	0.00	0.00	489,128.70	596,690.50	32.344559	-104.154095
2,100.00	0.00	0.00	2,100.00	0.00	0.00	489,128.70	596,690.50	32.344559	-104.154095
2,200.00	0.00	0.00	2,200.00	0.00	0.00	489,128.70	596,690.50	32.344559	-104.154095
2,300.00	0.00	0.00	2,300.00	0.00	0.00	489,128.70	596,690.50	32.344559	-104.154095
2,305.00	0.00	0.00	2,305.00	0.00	0.00	489,128.70	596,690.50	32.344559	-104.154095
Bell Canyon (Base of Salt)									
2,400.00	0.00	0.00	2,400.00	0.00	0.00	489,128.70	596,690.50	32.344559	-104.154095
2,500.00	0.00	0.00	2,500.00	0.00	0.00	489,128.70	596,690.50	32.344559	-104.154095
2,600.00	2.00	121.89	2,599.98	-0.92	1.48	489,127.78	596,691.99	32.344556	-104.154090
2,700.00	4.00	121.89	2,699.84	-3.69	5.93	489,125.01	596,696.43	32.344549	-104.154076
2,800.00	6.00	121.89	2,799.45	-8.29	13.32	489,120.41	596,703.83	32.344536	-104.154052
2,900.00	8.00	121.89	2,898.70	-14.73	23.67	489,113.97	596,714.17	32.344518	-104.154019
2,925.19	8.50	121.89	2,923.63	-16.64	26.74	489,112.06	596,717.24	32.344513	-104.154009
3,000.00	8.50	121.89	2,997.62	-22.48	36.13	489,106.22	596,726.64	32.344497	-104.153978
3,100.00	8.50	121.89	3,096.52	-30.30	48.69	489,098.41	596,739.19	32.344475	-104.153938
3,200.00	8.50	121.89	3,195.42	-38.11	61.24	489,090.59	596,751.75	32.344454	-104.153897
3,203.62	8.50	121.89	3,199.00	-38.39	61.70	489,090.31	596,752.20	32.344453	-104.153896
Cherry Canyon									
3,300.00	8.50	121.89	3,294.32	-45.92	73.80	489,082.78	596,764.30	32.344432	-104.153857
3,400.00	8.50	121.89	3,393.22	-53.73	86.35	489,074.97	596,776.86	32.344411	-104.153816
3,500.00	8.50	121.89	3,492.12	-61.54	98.91	489,067.16	596,789.41	32.344389	-104.153775
3,600.00	8.50	121.89	3,591.02	-69.36	111.47	489,059.34	596,801.97	32.344368	-104.153735
3,700.00	8.50	121.89	3,689.92	-77.17	124.02	489,051.53	596,814.52	32.344346	-104.153694
3,800.00	8.50	121.89	3,788.82	-84.98	136.58	489,043.72	596,827.08	32.344324	-104.153653
3,900.00	8.50	121.89	3,887.72	-92.79	149.13	489,035.91	596,839.63	32.344303	-104.153613
4,000.00	8.50	121.89	3,986.62	-100.61	161.69	489,028.10	596,852.19	32.344281	-104.153572
4,100.00	8.50	121.89	4,085.53	-108.42	174.24	489,020.28	596,864.75	32.344260	-104.153532
4,200.00	8.50	121.89	4,184.43	-116.23	186.80	489,012.47	596,877.30	32.344238	-104.153491
4,214.74	8.50	121.89	4,199.00	-117.38	188.65	489,011.32	596,879.15	32.344235	-104.153485
Brushy Canyon									

WPX Energy

Planning Report - Geographic

Database:	Compass	Local Co-ordinate Reference:	Well Beagle 35-34-22-27 No. 402H
Company:	WPX Energy Permian, LLC	TVD Reference:	GL:3085+28ft @ 3113.00usft (Pat. 803)
Project:	Eddy NM	MD Reference:	GL:3085+28ft @ 3113.00usft (Pat. 803)
Site:	Beagle 35-34-22-27 Pad	North Reference:	Grid
Well:	Beagle 35-34-22-27 No. 402H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan 1 (709'FSL)_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
4,300.00	8.50	121.89	4,283.33	-124.04	199.35	489,004.66	596,889.86	32.344217	-104.153450
4,400.00	8.50	121.89	4,382.23	-131.85	211.91	488,996.85	596,902.41	32.344195	-104.153410
4,500.00	8.50	121.89	4,481.13	-139.67	224.46	488,989.03	596,914.97	32.344174	-104.153369
4,600.00	8.50	121.89	4,580.03	-147.48	237.02	488,981.22	596,927.52	32.344152	-104.153329
4,700.00	8.50	121.89	4,678.93	-155.29	249.57	488,973.41	596,940.08	32.344131	-104.153288
4,800.00	8.50	121.89	4,777.83	-163.10	262.13	488,965.60	596,952.63	32.344109	-104.153247
4,900.00	8.50	121.89	4,876.73	-170.92	274.68	488,957.79	596,965.19	32.344088	-104.153207
5,000.00	8.50	121.89	4,975.63	-178.73	287.24	488,949.97	596,977.74	32.344066	-104.153166
5,100.00	8.50	121.89	5,074.53	-186.54	299.79	488,942.16	596,990.30	32.344045	-104.153126
5,200.00	8.50	121.89	5,173.43	-194.35	312.35	488,934.35	597,002.85	32.344023	-104.153085
5,300.00	8.50	121.89	5,272.33	-202.16	324.90	488,926.54	597,015.41	32.344002	-104.153044
5,400.00	8.50	121.89	5,371.23	-209.98	337.46	488,918.72	597,027.96	32.343980	-104.153004
5,500.00	8.50	121.89	5,470.13	-217.79	350.02	488,910.91	597,040.52	32.343958	-104.152963
5,600.00	8.50	121.89	5,569.03	-225.60	362.57	488,903.10	597,053.07	32.343937	-104.152922
5,700.00	8.50	121.89	5,667.94	-233.41	375.13	488,895.29	597,065.63	32.343915	-104.152882
5,761.74	8.50	121.89	5,729.00	-238.24	382.88	488,890.46	597,073.38	32.343902	-104.152857
Bone Spring									
5,800.00	8.50	121.89	5,766.84	-241.23	387.68	488,887.48	597,078.18	32.343894	-104.152841
5,900.00	8.50	121.89	5,865.74	-249.04	400.24	488,879.66	597,090.74	32.343872	-104.152801
6,000.00	8.50	121.89	5,964.64	-256.85	412.79	488,871.85	597,103.29	32.343851	-104.152760
6,100.00	8.50	121.89	6,063.54	-264.66	425.35	488,864.04	597,115.85	32.343829	-104.152719
6,200.00	8.50	121.89	6,162.44	-272.47	437.90	488,856.23	597,128.41	32.343808	-104.152679
6,214.72	8.50	121.89	6,177.00	-273.62	439.75	488,855.08	597,130.25	32.343805	-104.152673
Avalon									
6,300.00	8.50	121.89	6,261.34	-280.29	450.46	488,848.41	597,140.96	32.343786	-104.152638
6,400.00	8.50	121.89	6,360.24	-288.10	463.01	488,840.60	597,153.52	32.343765	-104.152598
6,500.00	8.50	121.89	6,459.14	-295.91	475.57	488,832.79	597,166.07	32.343743	-104.152557
6,600.00	8.50	121.89	6,558.04	-303.72	488.12	488,824.98	597,178.63	32.343722	-104.152516
6,700.00	8.50	121.89	6,656.94	-311.54	500.68	488,817.17	597,191.18	32.343700	-104.152476
6,800.00	8.50	121.89	6,755.84	-319.35	513.23	488,809.35	597,203.74	32.343679	-104.152435
6,874.98	8.50	121.89	6,830.00	-325.21	522.65	488,803.50	597,213.15	32.343662	-104.152405
1st Bone Spring Sand									
6,900.00	8.50	121.89	6,854.74	-327.16	525.79	488,801.54	597,216.29	32.343657	-104.152394
7,000.00	8.50	121.89	6,953.64	-334.97	538.34	488,793.73	597,228.85	32.343635	-104.152354
7,080.24	8.50	121.89	7,033.00	-341.24	548.42	488,787.46	597,238.92	32.343618	-104.152321
2nd Bone Spring Lime									
7,100.00	8.50	121.89	7,052.54	-342.78	550.90	488,785.92	597,241.40	32.343614	-104.152313
7,129.15	8.50	121.89	7,081.37	-345.06	554.56	488,783.64	597,245.06	32.343608	-104.152301
7,200.00	7.09	121.89	7,151.57	-350.14	562.72	488,778.56	597,253.22	32.343594	-104.152275
7,300.00	5.09	121.89	7,251.00	-355.74	571.72	488,772.96	597,262.22	32.343578	-104.152246
7,400.00	3.09	121.89	7,350.74	-359.50	577.77	488,769.20	597,268.27	32.343568	-104.152226
7,500.00	1.09	121.89	7,450.67	-361.43	580.86	488,767.27	597,271.37	32.343563	-104.152216
7,526.34	0.56	121.89	7,477.00	-361.63	581.18	488,767.07	597,271.69	32.343562	-104.152215
2nd Bone Spring Sand									
7,554.34	0.00	0.00	7,505.00	-361.70	581.30	488,767.00	597,271.80	32.343562	-104.152215
7,600.00	0.00	0.00	7,550.66	-361.70	581.30	488,767.00	597,271.80	32.343562	-104.152215
7,700.00	0.00	0.00	7,650.66	-361.70	581.30	488,767.00	597,271.80	32.343562	-104.152215
7,709.34	0.00	0.00	7,660.00	-361.70	581.30	488,767.00	597,271.80	32.343562	-104.152215
3rd Bone Spring Lime									
7,800.00	0.00	0.00	7,750.66	-361.70	581.30	488,767.00	597,271.80	32.343562	-104.152215
7,900.00	0.00	0.00	7,850.66	-361.70	581.30	488,767.00	597,271.80	32.343562	-104.152215
8,000.00	0.00	0.00	7,950.66	-361.70	581.30	488,767.00	597,271.80	32.343562	-104.152215
8,100.00	0.00	0.00	8,050.66	-361.70	581.30	488,767.00	597,271.80	32.343562	-104.152215
8,200.00	0.00	0.00	8,150.66	-361.70	581.30	488,767.00	597,271.80	32.343562	-104.152215

WPX Energy

Planning Report - Geographic

Database:	Compass	Local Co-ordinate Reference:	Well Beagle 35-34-22-27 No. 402H
Company:	WPX Energy Permian, LLC	TVD Reference:	GL:3085+28ft @ 3113.00usft (Pat. 803)
Project:	Eddy NM	MD Reference:	GL:3085+28ft @ 3113.00usft (Pat. 803)
Site:	Beagle 35-34-22-27 Pad	North Reference:	Grid
Well:	Beagle 35-34-22-27 No. 402H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan 1 (709'FSL)_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
8,300.00	0.00	0.00	8,250.66	-361.70	581.30	488,767.00	597,271.80	32.343562	-104.152215
8,400.00	0.00	0.00	8,350.66	-361.70	581.30	488,767.00	597,271.80	32.343562	-104.152215
8,500.00	0.00	0.00	8,450.66	-361.70	581.30	488,767.00	597,271.80	32.343562	-104.152215
8,600.00	0.00	0.00	8,550.66	-361.70	581.30	488,767.00	597,271.80	32.343562	-104.152215
8,700.00	0.00	0.00	8,650.66	-361.70	581.30	488,767.00	597,271.80	32.343562	-104.152215
8,723.38	0.00	0.00	8,674.04	-361.70	581.30	488,767.00	597,271.80	32.343562	-104.152215
8,750.00	2.66	269.50	8,700.65	-361.71	580.68	488,767.00	597,271.18	32.343562	-104.152217
8,800.00	7.66	269.50	8,750.44	-361.74	576.18	488,766.96	597,266.69	32.343562	-104.152232
8,850.00	12.66	269.50	8,799.64	-361.82	567.37	488,766.88	597,257.87	32.343562	-104.152260
8,854.48	13.11	269.50	8,804.00	-361.83	566.37	488,766.87	597,256.87	32.343561	-104.152263
3rd Bone Spring Sand									
8,900.00	17.66	269.50	8,847.88	-361.93	554.29	488,766.77	597,244.80	32.343561	-104.152302
8,950.00	22.66	269.50	8,894.80	-362.08	537.06	488,766.62	597,227.57	32.343561	-104.152358
9,000.00	27.66	269.50	8,940.04	-362.27	515.81	488,766.43	597,206.32	32.343561	-104.152427
9,050.00	32.66	269.50	8,983.26	-362.48	490.70	488,766.22	597,181.20	32.343560	-104.152508
9,100.00	37.66	269.50	9,024.12	-362.73	461.92	488,765.97	597,152.42	32.343559	-104.152602
9,150.00	42.66	269.50	9,062.32	-363.01	429.68	488,765.69	597,120.18	32.343559	-104.152706
9,200.00	47.66	269.50	9,097.57	-363.32	394.24	488,765.38	597,084.74	32.343558	-104.152821
9,250.00	52.66	269.50	9,129.59	-363.65	355.86	488,765.05	597,046.36	32.343557	-104.152945
9,255.67	53.23	269.50	9,133.00	-363.69	351.34	488,765.01	597,041.84	32.343557	-104.152960
Wolfcamp Top									
9,296.02	57.26	269.50	9,156.00	-363.98	318.19	488,764.72	597,008.69	32.343557	-104.153067
WC_X									
9,300.00	57.66	269.50	9,158.14	-364.01	314.83	488,764.69	597,005.34	32.343557	-104.153078
9,350.00	62.66	269.50	9,183.01	-364.38	271.48	488,764.32	596,961.98	32.343556	-104.153218
9,400.00	67.66	269.50	9,204.01	-364.77	226.12	488,763.93	596,916.62	32.343555	-104.153365
9,450.00	72.66	269.50	9,220.97	-365.18	179.10	488,763.52	596,869.60	32.343554	-104.153517
9,471.55	74.82	269.50	9,227.00	-365.36	158.42	488,763.34	596,848.92	32.343554	-104.153584
WC_Y									
9,500.00	77.66	269.50	9,233.77	-365.60	130.79	488,763.10	596,821.29	32.343553	-104.153674
9,501.09	77.77	269.50	9,234.00	-365.61	129.72	488,763.09	596,820.22	32.343553	-104.153677
Top Target									
9,550.00	82.66	269.50	9,242.31	-366.02	81.54	488,762.68	596,772.04	32.343552	-104.153833
9,600.00	87.66	269.50	9,246.52	-366.46	31.73	488,762.24	596,722.24	32.343551	-104.153994
9,623.38	90.00	269.50	9,247.00	-366.66	8.36	488,762.04	596,698.87	32.343551	-104.154070
Landing Point									
9,700.00	90.00	269.50	9,247.00	-367.32	-68.26	488,761.38	596,622.25	32.343549	-104.154318
9,800.00	90.00	269.50	9,247.00	-368.19	-168.25	488,760.51	596,522.25	32.343547	-104.154642
9,900.00	90.00	269.50	9,247.00	-369.05	-268.25	488,759.65	596,422.26	32.343545	-104.154966
10,000.00	90.00	269.50	9,247.00	-369.92	-368.24	488,758.78	596,322.26	32.343544	-104.155290
10,100.00	90.00	269.50	9,247.00	-370.78	-468.24	488,757.92	596,222.26	32.343542	-104.155613
10,200.00	90.00	269.50	9,247.00	-371.65	-568.24	488,757.05	596,122.27	32.343540	-104.155937
10,300.00	90.00	269.50	9,247.00	-372.51	-668.23	488,756.19	596,022.27	32.343538	-104.156261
10,400.00	90.00	269.50	9,247.00	-373.38	-768.23	488,755.32	595,922.27	32.343536	-104.156585
10,500.00	90.00	269.50	9,247.00	-374.24	-868.23	488,754.46	595,822.28	32.343534	-104.156909
10,600.00	90.00	269.50	9,247.00	-375.11	-968.22	488,753.59	595,722.28	32.343532	-104.157232
10,700.00	90.00	269.50	9,247.00	-375.97	-1,068.22	488,752.73	595,622.29	32.343530	-104.157556
10,800.00	90.00	269.50	9,247.00	-376.84	-1,168.21	488,751.86	595,522.29	32.343528	-104.157880
10,900.00	90.00	269.50	9,247.00	-377.71	-1,268.21	488,751.00	595,422.29	32.343526	-104.158204
11,000.00	90.00	269.50	9,247.00	-378.57	-1,368.21	488,750.13	595,322.30	32.343524	-104.158528
11,100.00	90.00	269.50	9,247.00	-379.44	-1,468.20	488,749.26	595,222.30	32.343522	-104.158851
11,200.00	90.00	269.50	9,247.00	-380.30	-1,568.20	488,748.40	595,122.30	32.343520	-104.159175
11,300.00	90.00	269.50	9,247.00	-381.17	-1,668.20	488,747.53	595,022.31	32.343519	-104.159499
11,400.00	90.00	269.50	9,247.00	-382.03	-1,768.19	488,746.67	594,922.31	32.343517	-104.159823

WPX Energy

Planning Report - Geographic

Database:	Compass	Local Co-ordinate Reference:	Well Beagle 35-34-22-27 No. 402H
Company:	WPX Energy Permian, LLC	TVD Reference:	GL:3085+28ft @ 3113.00usft (Pat. 803)
Project:	Eddy NM	MD Reference:	GL:3085+28ft @ 3113.00usft (Pat. 803)
Site:	Beagle 35-34-22-27 Pad	North Reference:	Grid
Well:	Beagle 35-34-22-27 No. 402H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan 1 (709'FSL)_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	
11,500.00	90.00	269.50	9,247.00	-382.90	-1,868.19	488,745.80	594,822.32	32.343515	-104.160147	
11,600.00	90.00	269.50	9,247.00	-383.76	-1,968.18	488,744.94	594,722.32	32.343513	-104.160470	
11,700.00	90.00	269.50	9,247.00	-384.63	-2,068.18	488,744.07	594,622.32	32.343511	-104.160794	
11,800.00	90.00	269.50	9,247.00	-385.49	-2,168.18	488,743.21	594,522.33	32.343509	-104.161118	
11,900.00	90.00	269.50	9,247.00	-386.36	-2,268.17	488,742.34	594,422.33	32.343507	-104.161442	
12,000.00	90.00	269.50	9,247.00	-387.22	-2,368.17	488,741.48	594,322.33	32.343505	-104.161766	
12,100.00	90.00	269.50	9,247.00	-388.09	-2,468.17	488,740.61	594,222.34	32.343503	-104.162089	
12,200.00	90.00	269.50	9,247.00	-388.96	-2,568.16	488,739.75	594,122.34	32.343501	-104.162413	
12,300.00	90.00	269.50	9,247.00	-389.82	-2,668.16	488,738.88	594,022.34	32.343499	-104.162737	
12,400.00	90.00	269.50	9,247.00	-390.69	-2,768.15	488,738.01	593,922.35	32.343497	-104.163061	
12,500.00	90.00	269.50	9,247.00	-391.55	-2,868.15	488,737.15	593,822.35	32.343495	-104.163385	
12,600.00	90.00	269.50	9,247.00	-392.42	-2,968.15	488,736.28	593,722.36	32.343493	-104.163708	
12,700.00	90.00	269.50	9,247.00	-393.28	-3,068.14	488,735.42	593,622.36	32.343491	-104.164032	
12,800.00	90.00	269.50	9,247.00	-394.15	-3,168.14	488,734.55	593,522.36	32.343489	-104.164356	
12,900.00	90.00	269.50	9,247.00	-395.01	-3,268.14	488,733.69	593,422.37	32.343487	-104.164680	
13,000.00	90.00	269.50	9,247.00	-395.88	-3,368.13	488,732.82	593,322.37	32.343486	-104.165004	
13,100.00	90.00	269.50	9,247.00	-396.74	-3,468.13	488,731.96	593,222.37	32.343484	-104.165327	
13,200.00	90.00	269.50	9,247.00	-397.61	-3,568.12	488,731.09	593,122.38	32.343482	-104.165651	
13,300.00	90.00	269.50	9,247.00	-398.47	-3,668.12	488,730.23	593,022.38	32.343480	-104.165975	
13,400.00	90.00	269.50	9,247.00	-399.34	-3,768.12	488,729.36	592,922.39	32.343478	-104.166299	
13,500.00	90.00	269.50	9,247.00	-400.21	-3,868.11	488,728.50	592,822.39	32.343476	-104.166623	
13,600.00	90.00	269.50	9,247.00	-401.07	-3,968.11	488,727.63	592,722.39	32.343474	-104.166946	
13,700.00	90.00	269.50	9,247.00	-401.94	-4,068.11	488,726.76	592,622.40	32.343472	-104.167270	
13,800.00	90.00	269.50	9,247.00	-402.80	-4,168.10	488,725.90	592,522.40	32.343470	-104.167594	
13,900.00	90.00	269.50	9,247.00	-403.67	-4,268.10	488,725.03	592,422.40	32.343468	-104.167918	
14,000.00	90.00	269.50	9,247.00	-404.53	-4,368.09	488,724.17	592,322.41	32.343466	-104.168242	
14,100.00	90.00	269.50	9,247.00	-405.40	-4,468.09	488,723.30	592,222.41	32.343464	-104.168565	
14,200.00	90.00	269.50	9,247.00	-406.26	-4,568.09	488,722.44	592,122.42	32.343462	-104.168889	
14,300.00	90.00	269.50	9,247.00	-407.13	-4,668.08	488,721.57	592,022.42	32.343460	-104.169213	
14,400.00	90.00	269.50	9,247.00	-407.99	-4,768.08	488,720.71	591,922.42	32.343458	-104.169537	
14,500.00	90.00	269.50	9,247.00	-408.86	-4,868.08	488,719.84	591,822.43	32.343456	-104.169861	
14,600.00	90.00	269.50	9,247.00	-409.72	-4,968.07	488,718.98	591,722.43	32.343454	-104.170184	
14,700.00	90.00	269.50	9,247.00	-410.59	-5,068.07	488,718.11	591,622.43	32.343452	-104.170508	
14,800.00	90.00	269.50	9,247.00	-411.46	-5,168.06	488,717.25	591,522.44	32.343450	-104.170832	
14,900.00	90.00	269.50	9,247.00	-412.32	-5,268.06	488,716.38	591,422.44	32.343448	-104.171156	
15,000.00	90.00	269.50	9,247.00	-413.19	-5,368.06	488,715.52	591,322.45	32.343446	-104.171480	
15,100.00	90.00	269.50	9,247.00	-414.05	-5,468.05	488,714.65	591,222.45	32.343444	-104.171803	
15,200.00	90.00	269.50	9,247.00	-414.92	-5,568.05	488,713.78	591,122.45	32.343443	-104.172127	
15,300.00	90.00	269.50	9,247.00	-415.78	-5,668.05	488,712.92	591,022.46	32.343441	-104.172451	
15,400.00	90.00	269.50	9,247.00	-416.65	-5,768.04	488,712.05	590,922.46	32.343439	-104.172775	
15,500.00	90.00	269.50	9,247.00	-417.51	-5,868.04	488,711.19	590,822.46	32.343437	-104.173098	
15,600.00	90.00	269.50	9,247.00	-418.38	-5,968.03	488,710.32	590,722.47	32.343435	-104.173422	
15,700.00	90.00	269.50	9,247.00	-419.24	-6,068.03	488,709.46	590,622.47	32.343433	-104.173746	
15,800.00	90.00	269.50	9,247.00	-420.11	-6,168.03	488,708.59	590,522.48	32.343431	-104.174070	
15,900.00	90.00	269.50	9,247.00	-420.97	-6,268.02	488,707.73	590,422.48	32.343429	-104.174394	
16,000.00	90.00	269.50	9,247.00	-421.84	-6,368.02	488,706.86	590,322.48	32.343427	-104.174717	
16,100.00	90.00	269.50	9,247.00	-422.71	-6,468.02	488,706.00	590,222.49	32.343425	-104.175041	
16,200.00	90.00	269.50	9,247.00	-423.57	-6,568.01	488,705.13	590,122.49	32.343423	-104.175365	
16,300.00	90.00	269.50	9,247.00	-424.44	-6,668.01	488,704.27	590,022.49	32.343421	-104.175689	
16,400.00	90.00	269.50	9,247.00	-425.30	-6,768.00	488,703.40	589,922.50	32.343419	-104.176013	
16,500.00	90.00	269.50	9,247.00	-426.17	-6,868.00	488,702.53	589,822.50	32.343417	-104.176336	
16,600.00	90.00	269.50	9,247.00	-427.03	-6,968.00	488,701.67	589,722.51	32.343415	-104.176660	
16,700.00	90.00	269.50	9,247.00	-427.90	-7,067.99	488,700.80	589,622.51	32.343413	-104.176984	
16,800.00	90.00	269.50	9,247.00	-428.76	-7,167.99	488,699.94	589,522.51	32.343411	-104.177308	
16,900.00	90.00	269.50	9,247.00	-429.63	-7,267.99	488,699.07	589,422.52	32.343409	-104.177632	

WPX Energy

Planning Report - Geographic

Database:	Compass	Local Co-ordinate Reference:	Well Beagle 35-34-22-27 No. 402H
Company:	WPX Energy Permian, LLC	TVD Reference:	GL:3085+28ft @ 3113.00usft (Pat. 803)
Project:	Eddy NM	MD Reference:	GL:3085+28ft @ 3113.00usft (Pat. 803)
Site:	Beagle 35-34-22-27 Pad	North Reference:	Grid
Well:	Beagle 35-34-22-27 No. 402H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan 1 (709'FSL)_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	
17,000.00	90.00	269.50	9,247.00	-430.49	-7,367.98	488,698.21	589,322.52	32.343407	-104.177955	
17,100.00	90.00	269.50	9,247.00	-431.36	-7,467.98	488,697.34	589,222.52	32.343405	-104.178279	
17,200.00	90.00	269.50	9,247.00	-432.22	-7,567.97	488,696.48	589,122.53	32.343403	-104.178603	
17,300.00	90.00	269.50	9,247.00	-433.09	-7,667.97	488,695.61	589,022.53	32.343401	-104.178927	
17,400.00	90.00	269.50	9,247.00	-433.95	-7,767.97	488,694.75	588,922.54	32.343399	-104.179251	
17,500.00	90.00	269.50	9,247.00	-434.82	-7,867.96	488,693.88	588,822.54	32.343397	-104.179574	
17,600.00	90.00	269.50	9,247.00	-435.69	-7,967.96	488,693.02	588,722.54	32.343395	-104.179898	
17,700.00	90.00	269.50	9,247.00	-436.55	-8,067.96	488,692.15	588,622.55	32.343393	-104.180222	
17,800.00	90.00	269.50	9,247.00	-437.42	-8,167.95	488,691.28	588,522.55	32.343391	-104.180546	
17,900.00	90.00	269.50	9,247.00	-438.28	-8,267.95	488,690.42	588,422.55	32.343389	-104.180870	
18,000.00	90.00	269.50	9,247.00	-439.15	-8,367.95	488,689.55	588,322.56	32.343387	-104.181193	
18,100.00	90.00	269.50	9,247.00	-440.01	-8,467.94	488,688.69	588,222.56	32.343385	-104.181517	
18,200.00	90.00	269.50	9,247.00	-440.88	-8,567.94	488,687.82	588,122.57	32.343383	-104.181841	
18,300.00	90.00	269.50	9,247.00	-441.74	-8,667.93	488,686.96	588,022.57	32.343381	-104.182165	
18,400.00	90.00	269.50	9,247.00	-442.61	-8,767.93	488,686.09	587,922.57	32.343379	-104.182489	
18,500.00	90.00	269.50	9,247.00	-443.47	-8,867.93	488,685.23	587,822.58	32.343377	-104.182812	
18,600.00	90.00	269.50	9,247.00	-444.34	-8,967.92	488,684.36	587,722.58	32.343375	-104.183136	
18,700.00	90.00	269.50	9,247.00	-445.20	-9,067.92	488,683.50	587,622.58	32.343373	-104.183460	
18,800.00	90.00	269.50	9,247.00	-446.07	-9,167.92	488,682.63	587,522.59	32.343371	-104.183784	
18,900.00	90.00	269.50	9,247.00	-446.94	-9,267.91	488,681.77	587,422.59	32.343369	-104.184108	
19,000.00	90.00	269.50	9,247.00	-447.80	-9,367.91	488,680.90	587,322.60	32.343367	-104.184431	
19,100.00	90.00	269.50	9,247.00	-448.67	-9,467.90	488,680.03	587,222.60	32.343365	-104.184755	
19,200.00	90.00	269.50	9,247.00	-449.53	-9,567.90	488,679.17	587,122.60	32.343363	-104.185079	
19,300.00	90.00	269.50	9,247.00	-450.40	-9,667.90	488,678.30	587,022.61	32.343361	-104.185403	
19,400.00	90.00	269.50	9,247.00	-451.26	-9,767.89	488,677.44	586,922.61	32.343359	-104.185727	
19,496.81	90.00	269.50	9,247.00	-452.10	-9,864.70	488,676.60	586,825.80	32.343357	-104.186040	
19,500.00	90.00	269.50	9,247.00	-452.13	-9,867.89	488,676.57	586,822.61	32.343357	-104.186050	
19,546.91	90.00	269.50	9,247.00	-452.53	-9,914.80	488,676.17	586,775.70	32.343356	-104.186202	

Design Targets										
Target Name	Dip Angle (°)	Dip Dir. (bearing)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude	
LTP (402)_100'FWL, 709' - hit/miss target - Shape - Point	0.00	0.00	9,247.00	-452.10	-9,864.70	488,676.60	586,825.80	32.343357	-104.186040	
KOP (402)_50'FEL, 709' - plan misses target center by 237.33usft at 9172.71usft MD (9078.71 TVD, -363.15 N, 413.97 E) - Point	0.00	0.00	9,247.00	-361.70	581.30	488,767.00	597,271.80	32.343562	-104.152215	
BHL (402)_50'FWL, 709' - plan misses target center by 0.07usft at 19546.91usft MD (9247.00 TVD, -452.53 N, -9914.80 E) - Point	0.00	0.00	9,247.00	-452.60	-9,914.80	488,676.10	586,775.70	32.343356	-104.186202	
FTP (402)_330'FEL, 709' - plan misses target center by 70.56usft at 9350.00usft MD (9183.01 TVD, -364.38 N, 271.48 E) - Point	0.00	0.00	9,247.00	-364.10	301.20	488,764.60	596,991.70	32.343556	-104.153122	

WPX Energy
Planning Report - Geographic

Database:	Compass	Local Co-ordinate Reference:	Well Beagle 35-34-22-27 No. 402H
Company:	WPX Energy Permian, LLC	TVD Reference:	GL:3085+28ft @ 3113.00usft (Pat. 803)
Project:	Eddy NM	MD Reference:	GL:3085+28ft @ 3113.00usft (Pat. 803)
Site:	Beagle 35-34-22-27 Pad	North Reference:	Grid
Well:	Beagle 35-34-22-27 No. 402H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan 1 (709'FSL)_WC Y		

Formations						
Measured Depth (usft)	Vertical Depth (usft)	Name	Lithology	Dip (°)	Dip Direction (bearing)	
366.00	366.00	Salado				
725.00	725.00	Castile				
2,305.00	2,305.00	Bell Canyon (Base of Salt)				
3,203.62	3,199.00	Cherry Canyon				
4,214.74	4,199.00	Brushy Canyon				
5,761.74	5,729.00	Bone Spring				
6,214.72	6,177.00	Avalon				
6,874.98	6,830.00	1st Bone Spring Sand				
7,080.24	7,033.00	2nd Bone Spring Lime				
7,526.34	7,477.00	2nd Bone Spring Sand				
7,709.34	7,660.00	3rd Bone Spring Lime				
8,854.48	8,804.00	3rd Bone Spring Sand				
9,255.67	9,133.00	Wolfcamp Top				
9,296.02	9,156.00	WC_X				
9,471.55	9,227.00	WC_Y				
9,501.09	9,234.00	Top Target				
9,623.38	9,247.00	Landing Point				

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