

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-104
Revised August 1, 2011

Submit one copy to appropriate District Office

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator name and Address Devon Energy Production Company, L.P. 333 West Sheridan, Oklahoma City, OK 73102		² OGRID Number 6137	
		³ Reason for Filing Code/ Effective Date NW / 7/26/21	
⁴ API Number 30-015-47330	⁵ Pool Name ; PURPLE SAGE; WOLFCAMP (GAS)		⁶ Pool Code 98220
⁷ Property Code 328885	⁸ Property Name SHIRE 22 15 FEDERAL COM		⁹ Well Number 718H

II. 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	22	25S	31E		350	South	815	East	EDDY

¹¹ Bottom Hole Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	15	25S	31E		30	North	398	East	EDDY
¹² Lse Code F	¹³ Producing Method Code	¹⁴ Gas Connection Date 7/26/21	¹⁵ C-129 Permit Number	¹⁶ C-129 Effective Date	¹⁷ C-129 Expiration Date				

III. Oil and Gas Transporters

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ O/G/W
329657	Cotton Draw Midstream, L.L.C. 333 W. Sheridan Ave. Oklahoma City, OK 731702	GAS
020445	Plains Marketing P.O. Box 4648 Houston, TX 77210	Oil
371960	LUCID ENERGY DELAWARE, LLC 3100 Mckinnon St. Suite 800, Dallas TX 75201	GAS

IV. Well Completion Data

²¹ Spud Date 2/10/21	²² Ready Date 7/26/21	²³ TD 22440	²⁴ PBDT 22373 MD/11890.5 TVD	²⁵ Perforations 12200 - 22314	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
17.5	13.375	1191	1215		
9.625	8 5/8	11344.7	860		
7.875	5.5	22424.7	3385		
	Tubing: Tubing set: N/A				

V. Well Test Data

³¹ Date New Oil 8/7/21	³² Gas Delivery Date 8/7/21	³³ Test Date 8/7/21	³⁴ Test Length 24 hrs	³⁵ Tbg. Pressure psi	³⁶ Csg. Pressure psi
³⁷ Choke Size	³⁸ Oil 2252 bbl	³⁹ Water 5988 bbl	⁴⁰ Gas 7747 mcf		⁴¹ Test Method
⁴² I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief. Signature: 			OIL CONSERVATION DIVISION		
Printed name: Jenny Harms			Approved by: PATRICIA MARTINEZ		
Title: Regulatory Specialist			Title: NMOCD		
E-mail Address: jenny.harms@div.com			Approval Date: 10/6/2021		
Date: 8/23/2021		Phone: 405-552-6560			

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 30-015-47330	² Pool Code 98220	³ Pool Name PURPLE SAGE; WOLFCAMP (GAS)
⁴ Property Code	⁵ Property Name SHIRE 22-15 FED COM	⁶ Well Number 718H
⁷ OGRID No. 6137	⁸ Operator Name DEVON ENERGY PRODUCTION COMPANY, L.P.	⁹ Elevation 3336.0

¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	22	25 S	31 E		350	SOUTH	815	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
A	15	25 S	31 E		30	NORTH	398	EAST	EDDY
¹² Dedicated Acres 640	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.

NW CORNER SEC. 15 LAT. = 32.1376857°N LONG. = 103.7743767°W NMSP EAST (FT) N = 414274.67 E = 714349.16 W/4 CORNER SEC. 15 LAT. = 32.1303992°N LONG. = 103.7744266°W NMSP EAST (FT) N = 411623.90 E = 714347.47 SECTION CORNER LAT. = 32.1230977°N LONG. = 103.7744128°W NMSP EAST (FT) N = 408967.74 E = 714365.52 W/4 CORNER SEC. 22 LAT. = 32.1158227°N LONG. = 103.7744447°W NMSP EAST (FT) N = 406321.16 E = 714369.37 SW CORNER SEC. 22 LAT. = 32.1085472°N LONG. = 103.7744766°W NMSP EAST (FT) N = 403674.44 E = 714373.22		N/4 CORNER SEC. 15 LAT. = 32.1376837°N LONG. = 103.7658094°W NMSP EAST (FT) N = 414287.82 E = 717000.99 LAST TAKE POINT 156° FNL, 403° FEL LAT. = 32.1372633°N LONG. = 103.7585113°W SEC. 15 QUARTER CORNER LAT. = 32.1230874°N LONG. = 103.7659304°W NMSP EAST (FT) N = 408977.73 E = 716991.53 FIRST TAKE POINT 182° FSL, 514° FEL LAT. = 32.1090600°N LONG. = 103.7590039°W KICK OFF POINT 63° FSL, 515° FEL LAT. = 32.1087311°N LONG. = 103.7590050°W SEC. 22 S/4 CORNER SEC. 22 LAT. = 32.1085528°N LONG. = 103.7659126°W NMSP EAST (FT) N = 403690.32 E = 717024.86		AS-DRILLED SHIRE 22-15 FED COM 718H SURFACE LOCATION		NE CORNER SEC. 15 LAT. = 32.1376926°N LONG. = 103.7572043°W NMSP EAST (FT) N = 414305.21 E = 719664.53 E/4 CORNER SEC. 15 LAT. = 32.1304013°N LONG. = 103.7572709°W NMSP EAST (FT) N = 411652.64 E = 719658.11 SECTION CORNER LAT. = 32.1231179°N LONG. = 103.7573247°W NMSP EAST (FT) N = 409002.97 E = 719655.63 E/4 CORNER SEC. 22 LAT. = 32.1158546°N LONG. = 103.7573421°W NMSP EAST (FT) N = 406360.67 E = 719664.36 SE CORNER SEC. 22 LAT. = 32.1085597°N LONG. = 103.7573438°W NMSP EAST (FT) N = 403706.91 E = 719678.01	
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 this division. <i>Jenny Harms</i> 8-13-2021 Signature Date JENNY HARMS Printed Name JENNY.HARMS@DVN.COM E-mail Address							
18 SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief. AUGUST 2, 2021 Date of Survey <i>[Signature]</i> Signature and Seal of Professional Surveyor Certificate Number: 12797 Survey No. 7576A		12797		12797			

Intent ☐ As Drilled ☒

API # 30-015-47330		
Operator Name: DEVON ENERGY PRODUCTION COMPANY, L.P.	Property Name: SHIRE 22-15 FED COM	Well Number 718H

Kick Off Point (KOP)

UL P	Section 22	Township 25S	Range 31E	Lot	Feet 63	From N/S SOUTH	Feet 515	From E/W EAST	County EDDY
Latitude 32.1087311					Longitude 103.7590050			NAD 83	

First Take Point (FTP)

UL P	Section 22	Township 25S	Range 31E	Lot	Feet 182	From N/S SOUTH	Feet 514	From E/W EAST	County EDDY
Latitude 32.1090600					Longitude 103.7590039			NAD 83	

Last Take Point (LTP)

UL A	Section 15	Township 25S	Range 31E	Lot	Feet 156	From N/S NORTH	Feet 403	From E/W EAST	County EDDY
Latitude 32.1372633					Longitude 103.7585113			NAD 83	

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

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



Devon Energy

Eddy County, NM (NAD 83 NME)

(Shire 22-15 Fed Com) Sec-22_T25-S_R-31-E

Shire 22-15 Fed Com #718H

API# 30-015-47330

OWB

Design: AWB

Standard Survey Report

17 March, 2021





T

G

M

Azimuths to Grid North

True North: -0.30°

Magnetic North: 6.21°

Magnetic Field

Strength: 47628.7nT

Dip Angle: 59.68°

Date: 2/11/2021

Model: IFR

To convert a Magnetic Direction to a Grid Direction, Add 6.21°

Devon Energy

Project: Eddy County, NM (NAD 83 NME)

Site: (Shire 22-15 Fed Com) Sec-22_T25-S_R-31-E

Well: Shire 22-15 Fed Com #718H

Wellbore: OWB

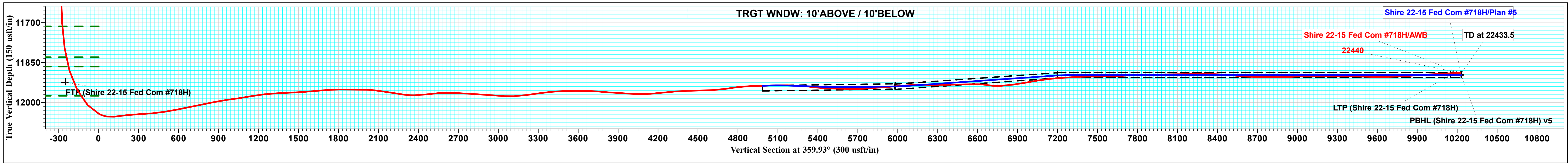
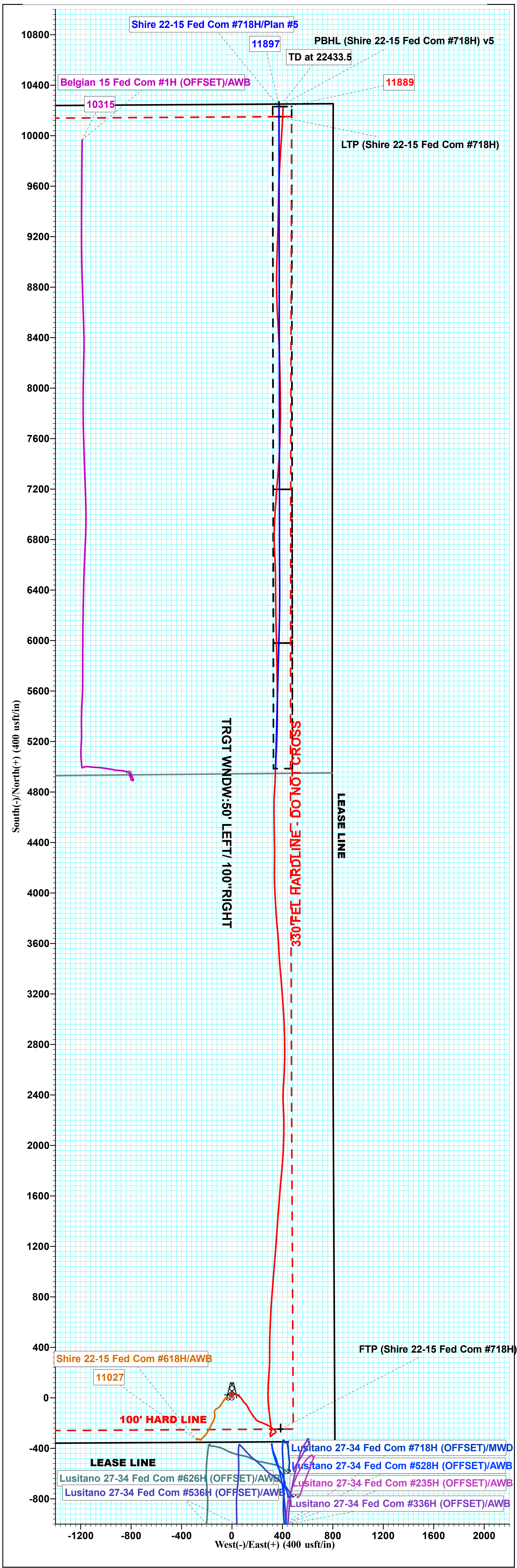
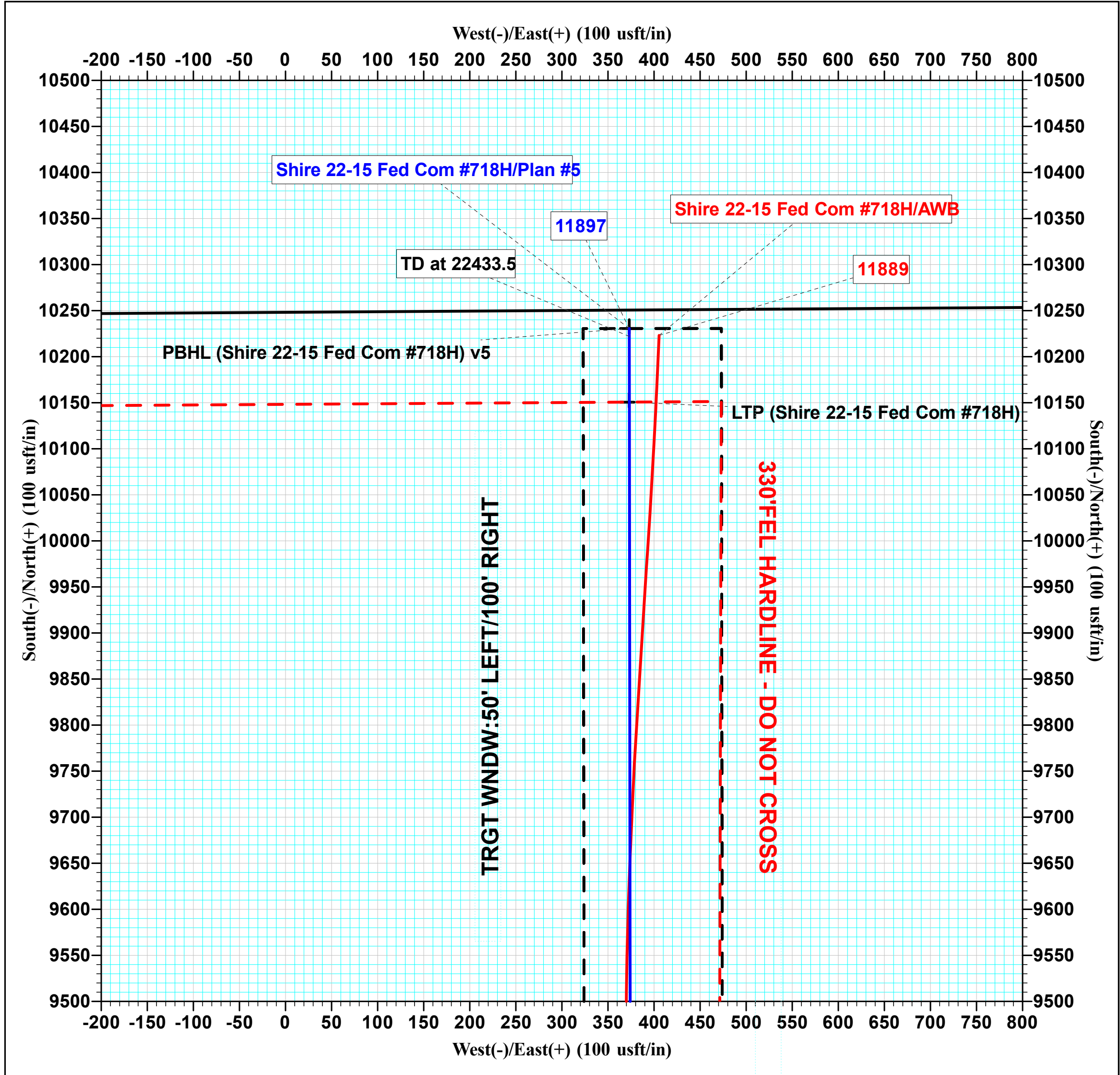
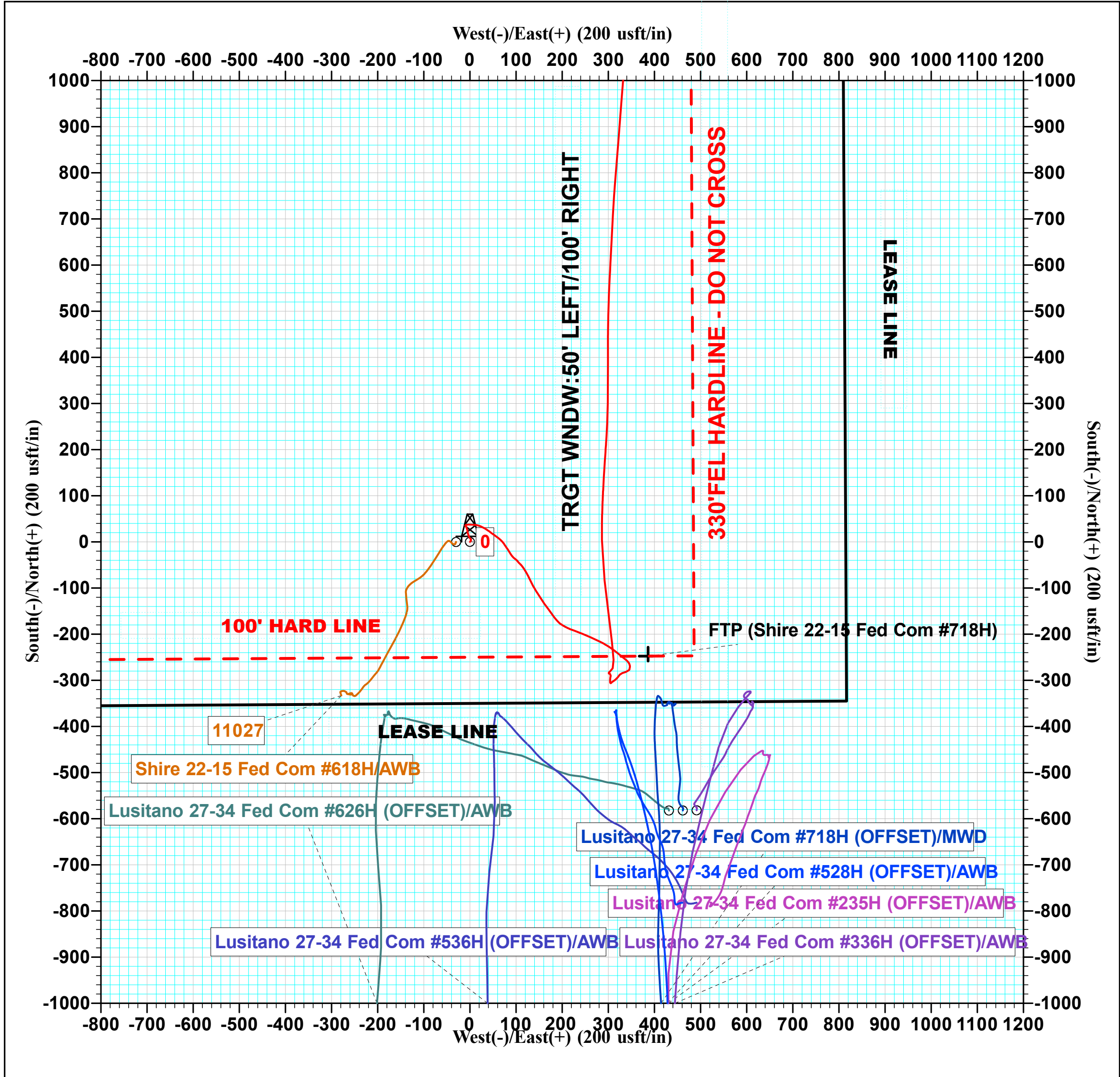
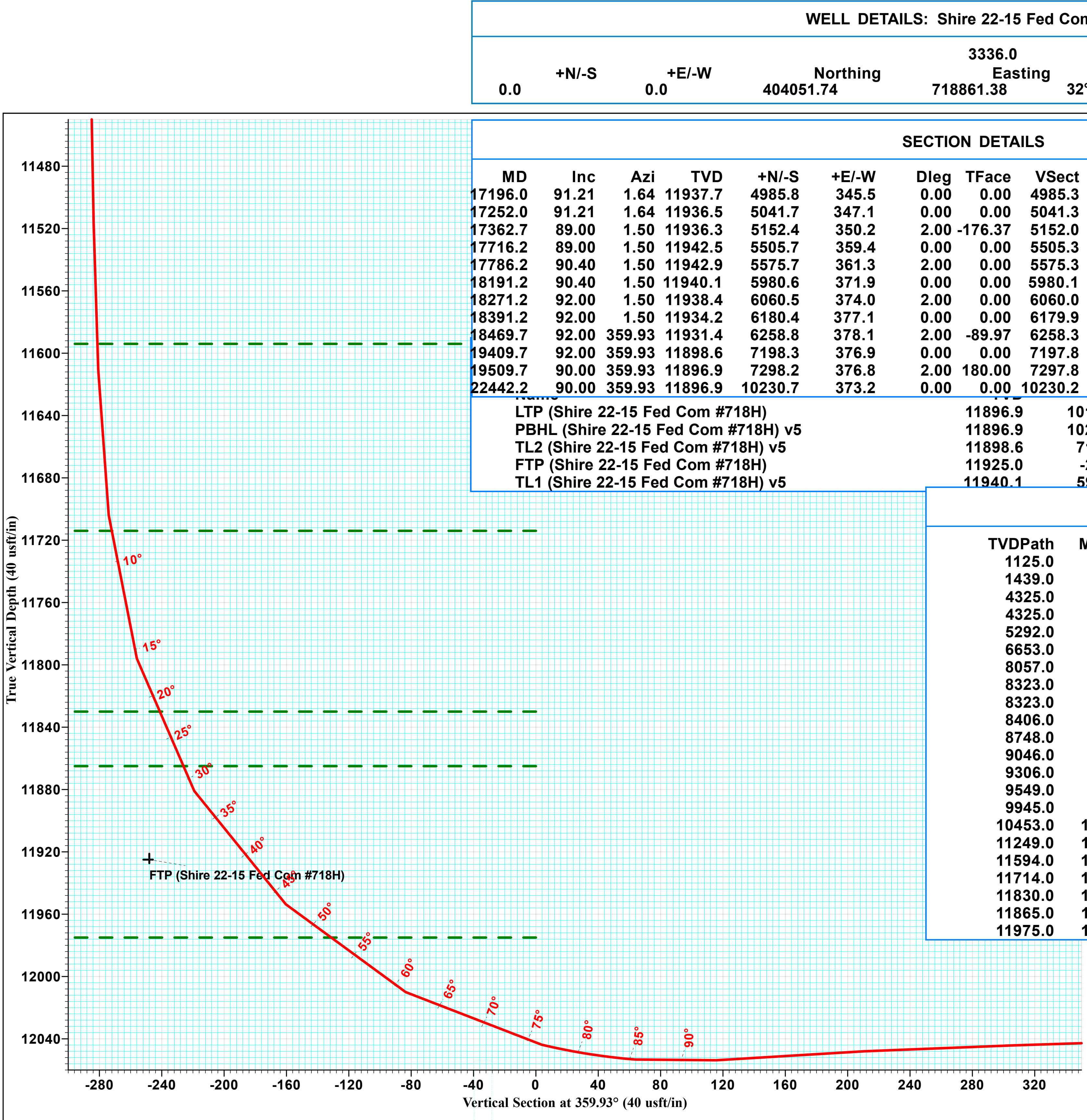
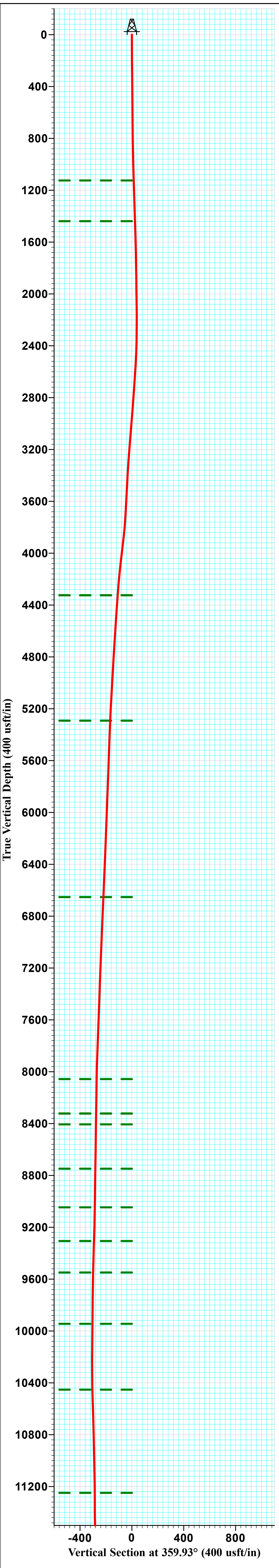
Design: Plan #5

Lat: 32° 6' 34.270 N

Long: 103° 45' 35.911 W

Pad GL: 3336.0

KB: KB @ 3360.5usft (Cactus 167)





Survey Report



Company:	Devon Energy	Local Co-ordinate Reference:	Well Shire 22-15 Fed Com #718H
Project:	Eddy County, NM (NAD 83 NME)	TVD Reference:	KB @ 3360.5usft (Cactus 167)
Site:	(Shire 22-15 Fed Com) Sec-22_T25-S_R-31-E	MD Reference:	KB @ 3360.5usft (Cactus 167)
Well:	Shire 22-15 Fed Com #718H	North Reference:	Grid
Wellbore:	OWB	Survey Calculation Method:	Minimum Curvature
Design:	AWB	Database:	EDM 5000.1 Single User Db

Project	Eddy County, NM (NAD 83 NME)		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	New Mexico Eastern Zone		

Site	(Shire 22-15 Fed Com) Sec-22_T25-S_R-31-E		
Site Position:		Northing:	404,051.54 usft
From:	Map	Easting:	718,831.39 usft
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16 "
		Latitude:	32° 6' 34.270 N
		Longitude:	103° 45' 36.259 W
		Grid Convergence:	0.30 °

Well	Shire 22-15 Fed Com #718H		
Well Position	+N/-S	0.0 usft	Northing:
	+E/-W	0.0 usft	Easting:
Position Uncertainty	0.0 usft	Wellhead Elevation:	usft
		Latitude:	32° 6' 34.270 N
		Longitude:	103° 45' 35.911 W
		Ground Level:	3,336.0 usft

Wellbore	OWB				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IFR	2/11/2021	6.51	59.68	47,628.70000000

Design	AWB				
Audit Notes:					
Version:	1.0	Phase:	ACTUAL	Tie On Depth:	0.0
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)	
	0.0	0.0	0.0	359.93	

Survey Program	Date	3/17/2021			
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description	
203.0	22,440.0	Intrepid MWD (OWB)	MWD	OWSG MWD - Standard	

Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00	
203.0	0.79	36.80	203.0	1.1	0.8	1.1	0.39	0.39	0.00	
293.0	0.92	36.62	293.0	2.2	1.6	2.2	0.14	0.14	-0.20	
475.0	0.31	28.97	475.0	3.8	2.8	3.8	0.34	-0.34	-4.20	
656.0	0.75	332.02	656.0	5.3	2.4	5.3	0.35	0.24	-31.46	
836.0	1.36	317.52	835.9	7.9	0.4	7.9	0.37	0.34	-8.06	
1,018.0	1.45	335.89	1,017.9	11.6	-2.0	11.6	0.25	0.05	10.09	
1,109.0	1.67	342.92	1,108.8	13.9	-2.8	13.9	0.32	0.24	7.73	
1,125.2	1.72	342.75	1,125.0	14.4	-3.0	14.4	0.34	0.34	-1.08	
Rustler										
1,227.0	2.07	341.86	1,226.8	17.6	-4.0	17.6	0.34	0.34	-0.87	



Survey Report



Company:	Devon Energy	Local Co-ordinate Reference:	Well Shire 22-15 Fed Com #718H
Project:	Eddy County, NM (NAD 83 NME)	TVD Reference:	KB @ 3360.5usft (Cactus 167)
Site:	(Shire 22-15 Fed Com) Sec-22_T25-S_R-31-E	MD Reference:	KB @ 3360.5usft (Cactus 167)
Well:	Shire 22-15 Fed Com #718H	North Reference:	Grid
Wellbore:	OWB	Survey Calculation Method:	Minimum Curvature
Design:	AWB	Database:	EDM 5000.1 Single User Db

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
1,320.0	1.93	351.09	1,319.7	20.7	-4.8	20.7	0.38	-0.15	9.92
1,439.3	1.79	348.54	1,439.0	24.5	-5.4	24.5	0.14	-0.12	-2.14
Salado									
1,505.0	1.71	346.96	1,504.6	26.5	-5.9	26.5	0.14	-0.12	-2.41
1,695.0	1.32	337.47	1,694.6	31.3	-7.3	31.3	0.24	-0.21	-4.99
1,885.0	1.10	309.70	1,884.5	34.5	-9.6	34.5	0.33	-0.12	-14.62
1,980.0	0.66	10.25	1,979.5	35.6	-10.2	35.6	1.02	-0.46	63.74
2,076.0	1.98	59.82	2,075.5	37.0	-8.7	37.0	1.70	1.38	51.64
2,171.0	4.97	90.85	2,170.3	37.7	-3.1	37.7	3.61	3.15	32.66
2,265.0	5.36	91.46	2,263.9	37.5	5.3	37.5	0.42	0.41	0.65
2,361.0	5.19	99.99	2,359.5	36.7	14.1	36.7	0.84	-0.18	8.89
2,455.0	6.42	111.77	2,453.0	34.0	23.2	34.0	1.82	1.31	12.53
2,550.0	6.51	122.14	2,547.4	29.2	32.7	29.1	1.23	0.09	10.92
2,646.0	6.90	125.65	2,642.8	22.9	42.0	22.8	0.59	0.41	3.66
2,741.0	6.81	126.97	2,737.1	16.2	51.1	16.1	0.19	-0.09	1.39
2,837.0	5.98	124.95	2,832.5	9.9	59.7	9.8	0.90	-0.86	-2.10
2,932.0	6.33	134.71	2,927.0	3.4	67.5	3.3	1.16	0.37	10.27
3,027.0	6.11	145.96	3,021.4	-4.5	74.1	-4.6	1.30	-0.23	11.84
3,122.0	5.76	145.25	3,115.9	-12.6	79.6	-12.7	0.38	-0.37	-0.75
3,216.0	5.19	147.89	3,209.5	-20.1	84.6	-20.2	0.66	-0.61	2.81
3,311.0	4.66	147.54	3,304.1	-27.0	88.9	-27.1	0.56	-0.56	-0.37
3,406.0	4.31	136.38	3,398.8	-32.8	93.5	-32.9	0.99	-0.37	-11.75
3,501.0	4.31	125.83	3,493.6	-37.5	98.8	-37.6	0.83	0.00	-11.11
3,597.0	4.18	142.97	3,589.3	-42.4	103.8	-42.5	1.32	-0.14	17.85
3,692.0	4.35	132.60	3,684.0	-47.6	108.6	-47.7	0.83	0.18	-10.92
3,882.0	7.12	149.03	3,873.1	-62.6	119.9	-62.7	1.68	1.46	8.65
4,072.0	7.87	154.75	4,061.5	-84.4	131.6	-84.6	0.56	0.39	3.01
4,262.0	5.19	147.45	4,250.2	-103.5	141.7	-103.6	1.47	-1.41	-3.84
4,337.1	4.94	147.71	4,325.0	-109.0	145.3	-109.2	0.33	-0.33	0.34
Base of Salt - Delaware									
4,452.0	4.57	148.15	4,439.5	-117.1	150.3	-117.3	0.33	-0.33	0.39
4,642.0	4.40	146.04	4,628.9	-129.6	158.4	-129.8	0.12	-0.09	-1.11
4,832.0	4.22	142.62	4,818.4	-141.2	166.7	-141.4	0.17	-0.09	-1.80
5,021.0	4.00	145.43	5,006.9	-152.2	174.7	-152.4	0.16	-0.12	1.49
5,212.0	3.52	140.95	5,197.5	-162.2	182.2	-162.4	0.29	-0.25	-2.35
5,306.7	3.32	141.19	5,292.0	-166.6	185.7	-166.8	0.21	-0.21	0.26
Cherry Canyon									
5,402.0	3.12	141.47	5,387.2	-170.8	189.1	-171.0	0.21	-0.21	0.29
5,593.0	2.95	124.86	5,577.9	-177.6	196.3	-177.9	0.47	-0.09	-8.70
5,784.0	5.14	118.36	5,768.4	-184.5	207.9	-184.8	1.17	1.15	-3.40
5,973.0	5.71	108.87	5,956.6	-191.6	224.2	-191.9	0.56	0.30	-5.02
6,163.0	5.63	112.73	6,145.7	-198.2	241.8	-198.5	0.21	-0.04	2.03
6,354.0	5.98	114.23	6,335.7	-205.9	259.5	-206.3	0.20	0.18	0.79



Survey Report



Company:	Devon Energy	Local Co-ordinate Reference:	Well Shire 22-15 Fed Com #718H
Project:	Eddy County, NM (NAD 83 NME)	TVD Reference:	KB @ 3360.5usft (Cactus 167)
Site:	(Shire 22-15 Fed Com) Sec-22_T25-S_R-31-E	MD Reference:	KB @ 3360.5usft (Cactus 167)
Well:	Shire 22-15 Fed Com #718H	North Reference:	Grid
Wellbore:	OWB	Survey Calculation Method:	Minimum Curvature
Design:	AWB	Database:	EDM 5000.1 Single User Db

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
6,544.0	5.71	114.32	6,524.7	-213.9	277.1	-214.2	0.14	-0.14	0.05
6,672.9	5.11	118.66	6,653.0	-219.3	288.0	-219.6	0.57	-0.47	3.36
Brushy Canyon									
6,732.0	4.84	121.00	6,711.9	-221.8	292.5	-222.2	0.57	-0.45	3.96
6,923.0	4.18	123.19	6,902.3	-229.8	305.2	-230.2	0.36	-0.35	1.15
7,114.0	3.69	128.91	7,092.9	-237.5	315.8	-237.8	0.33	-0.26	2.99
7,304.0	3.47	129.08	7,282.5	-244.9	325.0	-245.3	0.12	-0.12	0.09
7,494.0	2.99	127.50	7,472.2	-251.6	333.4	-252.0	0.26	-0.25	-0.83
7,684.0	3.08	133.39	7,661.9	-258.1	341.1	-258.5	0.17	0.05	3.10
7,874.0	2.46	162.22	7,851.7	-265.5	346.0	-265.9	0.79	-0.33	15.17
8,065.0	0.97	191.75	8,042.6	-271.0	346.9	-271.4	0.88	-0.78	15.46
8,079.4	0.96	191.74	8,057.0	-271.2	346.9	-271.6	0.05	-0.05	-0.04
Lower Brushy									
8,254.0	0.88	191.66	8,231.6	-274.0	346.3	-274.4	0.05	-0.05	-0.05
8,345.4	0.82	188.13	8,323.0	-275.3	346.1	-275.7	0.09	-0.07	-3.86
Base of Delaware - 1st BSPG Lime									
8,428.4	0.76	184.42	8,406.0	-276.4	346.0	-276.8	0.09	-0.07	-4.47
Leonard A									
8,444.0	0.75	183.66	8,421.6	-276.6	345.9	-277.0	0.09	-0.06	-4.86
8,634.0	1.67	248.17	8,611.5	-278.9	343.3	-279.3	0.79	0.48	33.95
8,770.5	2.20	238.96	8,748.0	-281.0	339.2	-281.4	0.45	0.39	-6.75
Leonard B									
8,824.0	2.42	236.48	8,801.4	-282.1	337.4	-282.6	0.45	0.41	-4.64
9,014.0	2.11	269.97	8,991.3	-284.4	330.5	-284.8	0.70	-0.16	17.63
9,068.8	1.95	252.92	9,046.0	-284.6	328.6	-285.0	1.14	-0.30	-31.14
Leonard C									
9,203.0	2.33	212.31	9,180.2	-287.6	325.0	-288.0	1.14	0.29	-30.25
9,328.9	2.32	219.64	9,306.0	-291.7	322.0	-292.1	0.24	-0.01	5.82
1st BSPG Sand									
9,392.0	2.33	223.30	9,369.0	-293.7	320.3	-294.0	0.24	0.02	5.81
9,572.1	1.95	226.60	9,549.0	-298.4	315.6	-298.8	0.22	-0.21	1.83
2nd BSPG Lime									
9,582.0	1.93	226.82	9,558.9	-298.7	315.3	-299.0	0.22	-0.21	2.21
9,772.0	1.23	242.46	9,748.8	-301.8	311.2	-302.2	0.43	-0.37	8.23
9,963.0	0.75	231.30	9,939.8	-303.5	308.4	-303.9	0.27	-0.25	-5.84
9,968.2	0.76	231.03	9,945.0	-303.6	308.3	-303.9	0.13	0.11	-5.21
2nd BSPG Sand									
10,153.0	0.97	223.56	10,129.7	-305.5	306.3	-305.8	0.13	0.12	-4.04
10,248.0	0.62	228.40	10,224.7	-306.4	305.4	-306.8	0.37	-0.37	5.09
10,437.0	1.23	344.94	10,413.7	-305.1	304.1	-305.5	0.85	0.32	61.66
10,476.3	1.50	353.30	10,453.0	-304.2	303.9	-304.6	0.86	0.70	21.28
3rd BSPG Lime									
10,532.0	1.93	0.85	10,508.7	-302.5	303.8	-302.9	0.86	0.76	13.55
10,627.0	1.98	358.30	10,603.6	-299.3	303.8	-299.6	0.11	0.05	-2.68
10,817.0	1.10	25.72	10,793.6	-294.4	304.5	-294.7	0.59	-0.46	14.43



Survey Report



Company:	Devon Energy	Local Co-ordinate Reference:	Well Shire 22-15 Fed Com #718H
Project:	Eddy County, NM (NAD 83 NME)	TVD Reference:	KB @ 3360.5usft (Cactus 167)
Site:	(Shire 22-15 Fed Com) Sec-22_T25-S_R-31-E	MD Reference:	KB @ 3360.5usft (Cactus 167)
Well:	Shire 22-15 Fed Com #718H	North Reference:	Grid
Wellbore:	OWB	Survey Calculation Method:	Minimum Curvature
Design:	AWB	Database:	EDM 5000.1 Single User Db

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
11,008.0	1.54	358.21	10,984.5	-290.1	305.2	-290.5	0.40	0.23	-14.40
11,197.0	1.10	316.20	11,173.5	-286.3	303.9	-286.7	0.55	-0.23	-22.23
11,253.5	0.81	302.25	11,230.0	-285.7	303.2	-286.1	0.65	-0.51	-24.67
3rd BSPG Sand									
11,293.0	0.66	285.97	11,269.5	-285.5	302.7	-285.8	0.65	-0.39	-41.26
11,445.0	0.62	281.66	11,421.4	-285.1	301.1	-285.4	0.04	-0.03	-2.84
11,540.0	2.11	15.79	11,516.4	-283.3	301.0	-283.6	2.36	1.57	99.08
11,608.6	3.15	58.08	11,585.0	-281.1	303.0	-281.4	3.11	1.52	61.61
3rd BSPG Sand Lwr									
11,634.0	3.78	66.06	11,610.3	-280.4	304.4	-280.7	3.11	2.47	31.47
11,724.1	7.19	25.93	11,700.0	-274.1	309.5	-274.4	5.48	3.79	-44.54
Wolfcamp									
11,728.0	7.38	25.11	11,703.9	-273.6	309.7	-274.0	5.48	4.79	-21.06
11,822.0	15.52	356.45	11,796.0	-255.6	311.5	-255.9	10.32	8.66	-30.49
11,890.9	27.37	354.22	11,860.0	-230.5	309.4	-230.9	17.24	17.20	-3.23
Y Sand									
11,915.0	31.52	353.82	11,881.0	-218.7	308.1	-219.1	17.24	17.22	-1.67
11,925.7	33.24	353.63	11,890.0	-213.1	307.5	-213.4	16.20	16.17	-1.76
Wolfcamp 100									
11,927.7	33.57	353.60	11,891.7	-211.9	307.4	-212.3	16.20	16.18	-1.66
FTP (Shire 22-15 Fed Com #718H)									
11,969.4	40.32	353.01	11,925.0	-187.1	304.4	-187.4	16.20	16.18	-1.41
Wolfcamp 110									
12,009.0	46.73	352.59	11,953.7	-160.0	301.0	-160.4	16.20	16.18	-1.07
12,105.0	61.23	353.64	12,010.0	-83.1	291.8	-83.5	15.13	15.10	1.09
12,199.0	76.57	358.83	12,043.8	4.1	286.3	3.7	17.11	16.32	5.52
12,234.0	81.63	1.11	12,050.4	38.4	286.3	38.1	15.81	14.46	6.51
12,312.0	93.45	3.05	12,053.7	116.2	289.1	115.8	15.36	15.15	2.49
12,407.0	93.45	4.10	12,048.0	210.8	295.0	210.5	1.10	0.00	1.11
12,502.0	91.08	0.67	12,044.3	305.6	299.0	305.3	4.39	-2.49	-3.61
12,596.0	92.57	359.71	12,041.3	399.6	299.3	399.2	1.89	1.59	-1.02
12,690.0	94.55	1.38	12,035.4	493.4	300.2	493.0	2.75	2.11	1.78
12,785.0	95.30	3.13	12,027.3	588.0	303.9	587.6	2.00	0.79	1.84
12,880.0	96.31	2.69	12,017.7	682.4	308.7	682.0	1.16	1.06	-0.46
12,974.0	95.25	4.45	12,008.2	775.7	314.5	775.3	2.18	-1.13	1.87
13,068.0	96.31	4.54	11,998.7	868.9	321.8	868.5	1.13	1.13	0.10
13,162.0	93.54	4.45	11,990.7	962.3	329.2	961.9	2.95	-2.95	-0.10
13,256.0	94.37	4.54	11,984.2	1,055.8	336.5	1,055.4	0.89	0.88	0.10
13,351.0	94.99	4.45	11,976.4	1,150.2	343.9	1,149.7	0.66	0.65	-0.09
13,445.0	93.23	4.80	11,969.7	1,243.6	351.5	1,243.2	1.91	-1.87	0.37
13,539.0	91.38	3.22	11,965.9	1,337.3	358.1	1,336.9	2.59	-1.97	-1.68
13,633.0	91.34	4.80	11,963.7	1,431.0	364.6	1,430.6	1.68	-0.04	1.68
13,727.0	91.69	4.28	11,961.2	1,524.7	372.1	1,524.3	0.67	0.37	-0.55
13,822.0	92.88	4.54	11,957.4	1,619.3	379.4	1,618.9	1.28	1.25	0.27



Survey Report



Company:	Devon Energy	Local Co-ordinate Reference:	Well Shire 22-15 Fed Com #718H
Project:	Eddy County, NM (NAD 83 NME)	TVD Reference:	KB @ 3360.5usft (Cactus 167)
Site:	(Shire 22-15 Fed Com) Sec-22_T25-S_R-31-E	MD Reference:	KB @ 3360.5usft (Cactus 167)
Well:	Shire 22-15 Fed Com #718H	North Reference:	Grid
Wellbore:	OWB	Survey Calculation Method:	Minimum Curvature
Design:	AWB	Database:	EDM 5000.1 Single User Db

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
13,916.0	91.91	5.24	11,953.5	1,712.9	387.4	1,712.4	1.27	-1.03	0.74
14,011.0	90.24	5.07	11,951.7	1,807.5	395.9	1,807.0	1.77	-1.76	-0.18
14,105.0	89.45	4.19	11,951.9	1,901.2	403.5	1,900.7	1.26	-0.84	-0.94
14,199.0	89.93	1.90	11,952.5	1,995.1	408.5	1,994.6	2.49	0.51	-2.44
14,292.0	86.15	1.02	11,955.6	2,088.0	410.9	2,087.5	4.17	-4.06	-0.95
14,386.0	85.76	0.15	11,962.3	2,181.7	411.8	2,181.2	1.01	-0.41	-0.93
14,480.0	85.32	356.28	11,969.6	2,275.4	408.9	2,274.9	4.13	-0.47	-4.12
14,574.0	90.02	359.09	11,973.4	2,369.2	405.1	2,368.7	5.82	5.00	2.99
14,668.0	94.46	4.19	11,969.7	2,463.0	407.8	2,462.5	7.19	4.72	5.43
14,762.0	91.34	2.69	11,965.0	2,556.7	413.4	2,556.2	3.68	-3.32	-1.60
14,856.0	89.32	1.64	11,964.4	2,650.6	417.0	2,650.1	2.42	-2.15	-1.12
14,950.0	88.22	359.79	11,966.4	2,744.6	418.1	2,744.1	2.29	-1.17	-1.97
15,043.0	88.35	359.35	11,969.2	2,837.6	417.5	2,837.1	0.49	0.14	-0.47
15,136.0	87.78	357.77	11,972.4	2,930.5	415.1	2,930.0	1.81	-0.61	-1.70
15,230.0	87.91	357.07	11,975.9	3,024.3	410.9	3,023.8	0.76	0.14	-0.74
15,323.0	91.03	355.66	11,976.8	3,117.1	405.0	3,116.6	3.68	3.35	-1.52
15,417.0	94.20	355.66	11,972.5	3,210.7	397.9	3,210.2	3.37	3.37	0.00
15,510.0	93.71	355.22	11,966.1	3,303.2	390.5	3,302.7	0.71	-0.53	-0.47
15,604.0	93.23	354.70	11,960.4	3,396.7	382.3	3,396.2	0.75	-0.51	-0.55
15,697.0	90.42	356.54	11,957.4	3,489.4	375.2	3,488.9	3.61	-3.02	1.98
15,791.0	90.15	356.98	11,956.9	3,583.2	369.9	3,582.7	0.55	-0.29	0.47
15,884.0	89.49	355.49	11,957.2	3,676.0	363.8	3,675.5	1.75	-0.71	-1.60
15,978.0	87.25	354.34	11,959.9	3,769.6	355.4	3,769.1	2.68	-2.38	-1.22
16,072.0	88.53	356.81	11,963.4	3,863.2	348.2	3,862.8	2.96	1.36	2.63
16,166.0	87.96	357.51	11,966.3	3,957.1	343.5	3,956.6	0.96	-0.61	0.74
16,259.0	89.05	356.63	11,968.7	4,049.9	338.8	4,049.5	1.51	1.17	-0.95
16,352.0	92.22	0.23	11,967.6	4,142.8	336.2	4,142.4	5.16	3.41	3.87
16,445.0	93.10	1.11	11,963.3	4,235.7	337.3	4,235.3	1.34	0.95	0.95
16,538.0	92.13	359.53	11,959.1	4,328.6	337.8	4,328.2	1.99	-1.04	-1.70
16,632.0	90.95	358.65	11,956.6	4,422.6	336.3	4,422.2	1.57	-1.26	-0.94
16,725.0	90.46	359.27	11,955.4	4,515.6	334.6	4,515.1	0.85	-0.53	0.67
16,820.0	91.38	359.27	11,953.9	4,610.5	333.4	4,610.1	0.97	0.97	0.00
16,915.0	94.29	0.50	11,949.2	4,705.4	333.2	4,705.0	3.32	3.06	1.29
17,008.0	94.07	4.28	11,942.4	4,798.1	337.1	4,797.7	4.06	-0.24	4.06
17,103.0	90.20	2.17	11,938.9	4,892.8	342.5	4,892.4	4.64	-4.07	-2.22
17,196.0	91.21	1.64	11,937.7	4,985.8	345.5	4,985.3	1.23	1.09	-0.57
17,290.0	91.25	3.31	11,935.7	5,079.7	349.6	5,079.2	1.78	0.04	1.78
17,384.0	88.66	2.61	11,935.8	5,173.5	354.5	5,173.1	2.85	-2.76	-0.74
17,479.0	88.44	1.82	11,938.2	5,268.4	358.1	5,268.0	0.86	-0.23	-0.83
17,571.0	86.46	0.23	11,942.3	5,360.3	359.8	5,359.9	2.76	-2.15	-1.73
17,665.0	88.22	0.41	11,946.6	5,454.2	360.3	5,453.8	1.88	1.87	0.19
17,758.0	89.71	359.71	11,948.3	5,547.2	360.4	5,546.7	1.77	1.60	-0.75
17,852.0	88.57	358.92	11,949.7	5,641.2	359.3	5,640.7	1.48	-1.21	-0.84



Survey Report



Company:	Devon Energy	Local Co-ordinate Reference:	Well Shire 22-15 Fed Com #718H
Project:	Eddy County, NM (NAD 83 NME)	TVD Reference:	KB @ 3360.5usft (Cactus 167)
Site:	(Shire 22-15 Fed Com) Sec-22_T25-S_R-31-E	MD Reference:	KB @ 3360.5usft (Cactus 167)
Well:	Shire 22-15 Fed Com #718H	North Reference:	Grid
Wellbore:	OWB	Survey Calculation Method:	Minimum Curvature
Design:	AWB	Database:	EDM 5000.1 Single User Db

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
17,946.0	92.40	359.09	11,948.9	5,735.1	357.6	5,734.7	4.08	4.07	0.18
18,041.0	91.91	358.65	11,945.4	5,830.0	355.8	5,829.6	0.69	-0.52	-0.46
18,134.0	92.22	358.92	11,942.0	5,923.0	353.8	5,922.5	0.44	0.33	0.29
18,191.3	92.46	359.08	11,939.7	5,980.2	352.8	5,979.8	0.51	0.43	0.28
TL1 (Shire 22-15 Fed Com #718H) v5									
18,228.0	92.62	359.18	11,938.0	6,016.9	352.2	6,016.4	0.51	0.43	0.28
18,322.0	91.82	358.21	11,934.4	6,110.8	350.1	6,110.3	1.34	-0.85	-1.03
18,416.0	88.84	358.92	11,933.9	6,204.7	347.7	6,204.3	3.26	-3.17	0.76
18,511.0	90.29	0.06	11,934.6	6,299.7	346.9	6,299.3	1.94	1.53	1.20
18,606.0	91.30	359.79	11,933.3	6,394.7	346.8	6,394.3	1.10	1.06	-0.28
18,701.0	89.76	359.18	11,932.4	6,489.7	345.9	6,489.3	1.74	-1.62	-0.64
18,795.0	90.77	358.04	11,932.0	6,583.7	343.6	6,583.2	1.62	1.07	-1.21
18,889.0	85.27	356.81	11,935.2	6,677.5	339.4	6,677.0	6.00	-5.85	-1.31
18,985.0	91.52	357.95	11,937.9	6,773.3	335.0	6,772.9	6.62	6.51	1.19
19,080.0	94.37	2.61	11,933.0	6,868.1	335.5	6,867.7	5.74	3.00	4.91
19,174.0	94.51	1.82	11,925.7	6,961.8	339.1	6,961.3	0.85	0.15	-0.84
19,270.0	95.52	4.89	11,917.3	7,057.2	344.7	7,056.8	3.35	1.05	3.20
19,365.0	91.91	3.40	11,911.2	7,151.8	351.6	7,151.3	4.11	-3.80	-1.57
19,413.8	92.30	4.57	11,909.4	7,200.4	355.0	7,200.0	2.52	0.79	2.40
TL2 (Shire 22-15 Fed Com #718H) v5									
19,460.0	92.66	5.68	11,907.4	7,246.4	359.1	7,245.9	2.52	0.79	2.40
19,556.0	91.12	4.10	11,904.2	7,342.0	367.3	7,341.5	2.30	-1.60	-1.65
19,651.0	90.42	3.57	11,902.9	7,436.7	373.6	7,436.3	0.92	-0.74	-0.56
19,746.0	90.15	2.25	11,902.5	7,531.6	378.4	7,531.2	1.42	-0.28	-1.39
19,841.0	90.73	1.02	11,901.7	7,626.6	381.1	7,626.1	1.43	0.61	-1.29
19,936.0	92.40	1.73	11,899.2	7,721.5	383.4	7,721.0	1.91	1.76	0.75
20,031.0	90.29	359.53	11,896.9	7,816.5	384.5	7,816.0	3.21	-2.22	-2.32
20,125.0	90.59	359.71	11,896.2	7,910.5	383.8	7,910.0	0.37	0.32	0.19
20,220.0	90.86	359.09	11,895.0	8,005.4	382.8	8,005.0	0.71	0.28	-0.65
20,315.0	90.37	358.48	11,894.0	8,100.4	380.8	8,100.0	0.82	-0.52	-0.64
20,410.0	90.42	358.65	11,893.3	8,195.4	378.4	8,194.9	0.19	0.05	0.18
20,505.0	90.15	358.12	11,892.8	8,290.4	375.8	8,289.9	0.63	-0.28	-0.56
20,599.0	88.62	357.42	11,893.9	8,384.3	372.1	8,383.8	1.79	-1.63	-0.74
20,694.0	87.78	356.98	11,896.8	8,479.1	367.5	8,478.7	1.00	-0.88	-0.46
20,789.0	86.95	356.01	11,901.2	8,573.8	361.7	8,573.4	1.34	-0.87	-1.02
20,884.0	89.98	358.56	11,903.8	8,668.7	357.2	8,668.2	4.17	3.19	2.68
20,978.0	89.45	358.04	11,904.2	8,762.6	354.4	8,762.2	0.79	-0.56	-0.55
21,073.0	89.63	1.38	11,905.0	8,857.6	353.9	8,857.2	3.52	0.19	3.52
21,167.0	91.52	0.41	11,904.0	8,951.6	355.4	8,951.1	2.26	2.01	-1.03
21,262.0	91.56	2.43	11,901.5	9,046.5	357.7	9,046.1	2.13	0.04	2.13
21,357.0	89.71	1.55	11,900.4	9,141.5	361.0	9,141.0	2.16	-1.95	-0.93
21,453.0	89.93	1.73	11,900.7	9,237.4	363.8	9,237.0	0.30	0.23	0.19
21,547.0	89.45	1.29	11,901.2	9,331.4	366.3	9,330.9	0.69	-0.51	-0.47
21,641.0	89.54	1.38	11,902.1	9,425.3	368.4	9,424.9	0.14	0.10	0.10



Survey Report



Company:	Devon Energy	Local Co-ordinate Reference:	Well Shire 22-15 Fed Com #718H
Project:	Eddy County, NM (NAD 83 NME)	TVD Reference:	KB @ 3360.5usft (Cactus 167)
Site:	(Shire 22-15 Fed Com) Sec-22_T25-S_R-31-E	MD Reference:	KB @ 3360.5usft (Cactus 167)
Well:	Shire 22-15 Fed Com #718H	North Reference:	Grid
Wellbore:	OWB	Survey Calculation Method:	Minimum Curvature
Design:	AWB	Database:	EDM 5000.1 Single User Db

Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	
21,736.0	88.92	0.76	11,903.4	9,520.3	370.2	9,519.9	0.92	-0.65	-0.65	
21,831.0	90.02	2.08	11,904.2	9,615.3	372.6	9,614.8	1.81	1.16	1.39	
21,925.0	90.77	2.52	11,903.6	9,709.2	376.3	9,708.7	0.93	0.80	0.47	
22,019.0	91.91	3.66	11,901.4	9,803.0	381.4	9,802.6	1.71	1.21	1.21	
22,113.0	91.91	3.40	11,898.3	9,896.8	387.2	9,896.3	0.28	0.00	-0.28	
22,207.0	92.09	3.84	11,895.0	9,990.6	393.1	9,990.1	0.51	0.19	0.47	
22,302.0	91.43	3.13	11,892.1	10,085.3	398.9	10,084.8	1.02	-0.69	-0.75	
22,365.8	91.09	2.73	11,890.7	10,149.1	402.2	10,148.6	0.83	-0.54	-0.63	
LTP (Shire 22-15 Fed Com #718H)										
22,384.0	90.99	2.61	11,890.3	10,167.2	403.0	10,166.7	0.83	-0.54	-0.63	
22,440.0	90.99	2.61	11,889.4	10,223.2	405.6	10,222.7	0.00	0.00	0.00	
PBHL (Shire 22-15 Fed Com #718H) v5										

Design Targets										
Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude	
- hit/miss target										
- Shape										
PBHL (Shire 22-15 Fed Com #718H) v5	0.00	359.93	11,896.9	10,230.7	373.2	414,282.41	719,234.57	32° 8' 15.491 N	103° 45' 30.937 W	
- actual wellpath misses target center by 34.1usft at 22440.0usft MD (11889.4 TVD, 10223.2 N, 405.6 E)										
- Rectangle (sides W150.0 H3,032.4 D20.0)										
LTP (Shire 22-15 Fed Com #718H)	0.00	0.00	11,896.9	10,150.7	373.0	414,202.41	719,234.38	32° 8' 14.699 N	103° 45' 30.945 W	
- actual wellpath misses target center by 29.9usft at 22366.0usft MD (11890.6 TVD, 10149.2 N, 402.2 E)										
- Point										
FTP (Shire 22-15 Fed Com #718H)	0.40	179.93	11,925.0	-247.5	386.2	403,804.21	719,247.61	32° 6' 31.801 N	103° 45' 31.436 W	
- actual wellpath misses target center by 92.7usft at 11927.7usft MD (11891.7 TVD, -211.9 N, 307.4 E)										
- Point										



Survey Report



Company:	Devon Energy	Local Co-ordinate Reference:	Well Shire 22-15 Fed Com #718H
Project:	Eddy County, NM (NAD 83 NME)	TVD Reference:	KB @ 3360.5usft (Cactus 167)
Site:	(Shire 22-15 Fed Com) Sec-22_T25-S_R-31-E	MD Reference:	KB @ 3360.5usft (Cactus 167)
Well:	Shire 22-15 Fed Com #718H	North Reference:	Grid
Wellbore:	OWB	Survey Calculation Method:	Minimum Curvature
Design:	AWB	Database:	EDM 5000.1 Single User Db

Formations						
Measured Depth (usft)	Vertical Depth (usft)	Name	Lithology	Dip (°)	Dip Direction (°)	
1,125.2	1,125.0	Rustler				
1,439.3	1,439.0	Salado				
4,337.1	4,325.0	Base of Salt				
4,337.1	4,325.0	Delaware				
5,306.7	5,292.0	Cherry Canyon				
6,672.9	6,653.0	Brushy Canyon				
8,079.4	8,057.0	Lower Brushy				
8,345.4	8,323.0	Base of Delaware				
8,345.4	8,323.0	1st BSPG Lime				
8,428.4	8,406.0	Leonard A				
8,770.5	8,748.0	Leonard B				
9,068.8	9,046.0	Leonard C				
9,328.9	9,306.0	1st BSPG Sand				
9,572.1	9,549.0	2nd BSPG Lime				
9,968.2	9,945.0	2nd BSPG Sand				
10,476.3	10,453.0	3rd BSPG Lime				
11,253.5	11,230.0	3rd BSPG Sand				
11,608.6	11,585.0	3rd BSPG Sand Lwr				
11,724.1	11,700.0	Wolfcamp				
11,890.9	11,860.0	Y Sand				
11,925.7	11,890.0	Wolfcamp 100				
11,969.4	11,925.0	Wolfcamp 110				

Checked By: _____ Approved By: _____ Date: _____

Submit 1 Copy To Appropriate District Office
 District I – (575) 393-6161
 1625 N. French Dr., Hobbs, NM 88240
 District II – (575) 748-1283
 811 S. First St., Artesia, NM 88210
 District III – (505) 334-6178
 1000 Rio Brazos Rd., Aztec, NM 87410
 District IV – (505) 476-3460
 1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
 Energy, Minerals and Natural Resources

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

Form C-103
 Revised August 1, 2011

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)		WELL API NO. 30-015-47330
1. Type of Well: Oil Well ☒ Gas Well ☐ Other ☐		5. Indicate Type of Lease STATE ☐ FEE ☐
2. Name of Operator Devon Energy Production Company, L.P.		6. State Oil & Gas Lease No.
3. Address of Operator 333 West Sheridan, Oklahoma City, OK 73102		7. Lease Name or Unit Agreement Name SHIRE 22 15 FEDERAL COM
4. Well Location Unit Letter <u>P</u> : <u>350</u> feet from the <u>South</u> line and <u>815</u> feet from the <u>East</u> line Section <u>22</u> Township <u>25S</u> Range <u>31E</u> NMPM County <u>EDDY</u>		8. Well Number 718H
11. Elevation (Show whether DR, RKB, RT, GR, etc.) GL: 3336		9. OGRID Number 6137
		10. Pool name or Wildcat ; PURPLE SAGE; WOLFCAMP (GAS)

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

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
 TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
 PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐
 DOWNHOLE COMMINGLE ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
 COMMENCE DRILLING OPNS. ☐ P AND A ☐
 CASING/CEMENT JOB ☐

OTHER: ☐

OTHER: **COMPLETION** ☒

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

6/21/2021-7/2/2021: MIRU WL & PT. PT csg to 11500 PSI for 30min, OK. TIH w/pump through frac plug and guns. Perf WOLFCAMP, 12200-22314 Frac totals 24714068# prop, 459845 bbl fluid, 76 bbls acid. DO plugs & CO to PBTD w/float collar 22373' MD/11890.5' TVD CHC, FWB, ND BOP. Tubing set: N/A TOP: 7/26/2021

RUSTLER-1160

SALT-1460

BASE OF SALT-4330

LAMAR-4330

BELL CANYON-4330

CHERRY CANYON-5295

Brushy Canyon-6650

1st Bone Spring Lime-8250

Bone Spring 1st-9330

Bone Spring 2nd-9950

3rd Bone Spring Lime-10440

Bone Spring 3rd-11215

Wolfcamp-11670

Strawn-14420

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

SIGNATURE Jenny Harms TITLE Regulatory Specialist DATE 8/23/2021

Type or print name Jenny Harms E-mail address: jenny.harms@dmn.com PHONE: 405-552-6560

For State Use Only

Jenny Harms

APPROVED BY: John Garcia TITLE Petroleum Engineer DATE 10/4/2021

Conditions of Approval (if any):

Submit To Appropriate District Office Two Copies <u>District I</u> 1625 N. French Dr., Hobbs, NM 88240 <u>District II</u> 811 S. First St., Artesia, NM 88210 <u>District III</u> 1000 Rio Brazos Rd., Aztec, NM 87410 <u>District IV</u> 1220 S. St. Francis Dr., Santa Fe, NM 87505		State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505				Form C-105 Revised August 1, 2011				
		1. WELL API NO. 30-015-47330								
		2. Type of Lease ☐ STATE ☐ FEE ☒ FED/INDIAN								
		3. State Oil & Gas Lease No.								
WELL COMPLETION OR RECOMPLETION REPORT AND LOG										
4. Reason for filing: ☒ COMPLETION REPORT (Fill in boxes #1 through #31 for State and Fee wells only) ☐ C-144 CLOSURE ATTACHMENT (Fill in boxes #1 through #9, #15 Date Rig Released and #32 and/or #33; attach this and the plat to the C-144 closure report in accordance with 19.15.17.13.K NMAC)						5. Lease Name or Unit Agreement Name SHIRE 22 15 FEDERAL COM 6. Well Number: 718H				
7. Type of Completion: ☒ NEW WELL ☐ WORKOVER ☐ DEEPENING ☐ PLUGBACK ☐ DIFFERENT RESERVOIR ☐ OTHER										
8. Name of Operator Devon Energy Production Company, L.P.						9. OGRID 6137				
10. Address of Operator 333 West Sheridan Avenue, Oklahoma City, OK 73102						11. Pool name or Wildcat ; PURPLE SAGE; WOLFCAMP (GAS)				
12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County
Surface:	P	22	25S	31E		350	South	815	East	EDDY
BH:	A	15	25S	31E		30	North	398	East	EDDY
13. Date Spudded 2/10/21	14. Date T.D. Reached 3/17/21	15. Date Rig Released 3/20/21		16. Date Completed (Ready to Produce) 7/26/21		17. Elevations (DF and RKB, RT, GR, etc.) 3336 GL				
18. Total Measured Depth of Well 22440 MD, 11889 TVD		19. Plug Back Measured Depth 22373 MD/11890.5 TVD		20. Was Directional Survey Made? Yes		21. Type Electric and Other Logs Run CBL				
22. Producing Interval(s), of this completion - Top, Bottom, Name 12200-22314, PURPLE SAGE; WOLFCAMP (GAS)										
23. CASING RECORD (Report all strings set in well)										
CASING SIZE	WEIGHT LB./FT.	DEPTH SET		HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED		
13.375	54.5	1191		17.5		1215				
8 5/8	32	11344.7		9.625		860		TOC @ 440		
5.5	20	22424.7		7.875		3385				
24. LINER RECORD					25. TUBING RECORD					
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET			
						Tubing set: N/A				
26. Perforation record (interval, size, and number) 12200 - 22314, total 1504 holes					27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED 12200-22314 Acidize and frac in 51 stages.					
28. PRODUCTION										
Date First Production 7/26/21		Production Method (<i>Flowing, gas lift, pumping - Size and type pump</i>)				Well Status (<i>Prod. or Shut-in</i>) Producing				
Date of Test 8/7/21	Hours Tested 24	Choke Size	Prod'n For Test Period	Oil - Bbl 2252	Gas - MCF 7747	Water - Bbl. 5988	Gas - Oil Ratio 3439			
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (<i>Corr.</i>)				
29. Disposition of Gas (<i>Sold, used for fuel, vented, etc.</i>) Sold						30. Test Witnessed By				
31. List Attachments Directional Survey										
32. If a temporary pit was used at the well, attach a plat with the location of the temporary pit.										
33. If an on-site burial was used at the well, report the exact location of the on-site burial:										
Latitude			Longitude			NAD 1927 1983				
I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief										
Signature 		Printed Name Jenny Harms		Title Regulatory Specialist		Date 8/23/2021				
E-mail Address jenny.harms@dv.com										

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well and not later than 60 days after completion of closure. When submitted as a completion report, this shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 11, 12 and 26-31 shall be reported for each zone.

Southeastern New Mexico		Northwestern New Mexico	
RUSTLER - 1160			
SALT - 1460			
BASE OF SALT - 4330			
LAMAR - 4330			
BELL CANYON - 4330			
CHERRY CANYON - 5295			
Brushy Canyon - 6650			
1st Bone Spring Lime - 8250			
Bone Spring 1st - 9330			
Bone Spring 2nd - 9950			
3rd Bone Spring Lime - 10440			
Bone Spring 3rd - 11215			
Wolfcamp - 11670			
Strawn - 14420			

No. 1, from..... to..... No. 3, from..... to.....
 No. 2, from..... N/A to..... N/A No. 4, from..... N/A to..... N/A
 N/A N/A N/A N/A

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from.....to.....feet.....
 No. 2, from.....to.....feet.....
 No. 3, from.....to.....feet.....

From	To	Thickness In Feet	Lithology

District I

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

District II

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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

ACKNOWLEDGMENTS

Action 43780

ACKNOWLEDGMENTS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 43780
	Action Type: [C-104] Completion Packet (C-104C)

ACKNOWLEDGMENTS

☒	I hereby certify that the required Water Use Report has been, or will be, submitted for this wells completion.
☒	I hereby certify that the required FracFocus disclosure has been, or will be, submitted for this wells completion.

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

CONDITIONS

Action 43780

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 43780
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
plmartinez	File 3160-4 Completion Report and 3160-5 Completion Sundry within 10 days after BLM approval.	10/6/2021