

Santa Fe Main Office Phone: (505) 476-3441 General Information Phone: (505) 629-6116 Online Phone Directory Visit: https://www.emnrd.nm.gov/ocd/contact-us/	State of New Mexico Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION	C-104 Revised July 9, 2024 Submit Electronically Via OCD Permitting
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REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

Section 1 - Operator and Well Information

Submittal Type: ☐ Test Allowable (C-104RT) ☒ New Well (C-104NW) ☐ Recomplete (C-104RC) ☐ Pay Add (C-104RC) ☐ Amended	
Operator Name: SPUR ENERGY PARTNERS LLC	OGRID: 328947
Property Name and Well Number: FAT TIRE 12 FEDERAL COM 20H	Property Code: 331167
Mineral Owner: ☐ State ☐ Fee ☐ Tribal ☒ Federal	API Number: 30-0 15-48704
Pool Name: LOCO HILLS; GLORIETA-YESO	Pool Code: 96718

Section 2 – Surface Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
C	7	17S	30E		835' FNL	1426' FWL	32.8539880	104.015037	EDDY

Section 3 – Completion Information

Producing Method	Ready Date	Perforations MD	Perforations TVD
PUMPING ON ESP	07/29/2025	5043'-10095'	4482'-4736'

Section 4 – Action IDs for Submissions and Order Numbers

List Action IDs for Drilling Sundries	Was an Order required / needed (Y/N), if yes list Order number:
C-104 RT Action ID (if C-104NW):	Communitization Agreement ☒ Yes ☐ No, Order No.
Surface Casing Action ID: 453814	Unit: ☐ Yes ☒ No, Order No.
Intermediate 1 Casing Action ID: 465597	Compulsory Pooling: ☒ Yes ☐ No, Order No. R-23734
Intermediate 2 Casing Action ID:	Down Hole Commingling: ☐ Yes ☒ No, Order No.
Production Casing Action ID: 465597	Surface Commingling: ☒ Yes ☐ No, Order No. PENDING
All casing was pressure tested in accordance with NMAC ☒ Yes ☐ No	Non-standard Location: ☐ Yes ☒ No ☐ Common ownership Order No.
Liner 1 Action ID: TUBING 491874	Non-standard Proration: ☐ Yes ☒ No, Order No.
Casing was installed prior to OCD's Action ID system (Y/N): N	Simultaneous Dedication: ☐ Yes ☒ No, Order No.

Section 5 - Operator Signature and Certification

☒ I hereby certify that the required Water Use Report has been, or will be, submitted for this well's completion.	
☒ I hereby certify that the required Fracfocus disclosure has been, or will be, submitted for this well's completion.	
☒ 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.	
Name	
SARAH CHAPMAN <i>Sarah Chapman</i>	
Title	Date
REGULATORY DIRECTOR	09/10/2025

C-102 Submit Electronically Via OCD Permitting	State of New Mexico Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION	Revised July 9, 2024	
		Submittal Type:	☐ Initial Submittal
			☐ Amended Report
		☒ As Completed	

WELL LOCATION INFORMATION

API Number 30-015-48704	Pool Code 96718	Pool Name LOCO HILLS; GLORIETA-YESO
Property Code 331167	Property Name FAT TIRE 12 FEDERAL COM	Well Number 20H
OGRID No. 328947	Operator Name SPUR ENERGY PARTNERS LLC.	Ground Level Elevation 3663'
Surface Owner: ☐ State ☐ Fee ☐ Tribal ☒ Federal		Mineral Owner: ☐ State ☐ Fee ☐ Tribal ☒ Federal

Surface Location

UL C	Section 7	Township 17S	Range 30E	Lot	Ft. from N/S 835 FNL	Ft. from E/W 1426 FWL	Latitude 32.8539880°N	Longitude 104.0150376°W	County EDDY
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Bottom Hole Location

UL D	Section 12	Township 17S	Range 29E	Lot	Ft. from N/S 658 FNL	Ft. from E/W 46 FWL	Latitude 32.8545004°N	Longitude 104.0367004°W	County EDDY
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Dedicated Acres 320	Infill or Defining Well INFILL	Defining Well API 30-015-48702	Overlapping Spacing Unit (Y/N) N	Consolidation Code F & C
Order Numbers. R-23734			Well setbacks are under Common Ownership: ☒ Yes ☐ No	

Kick Off Point (KOP)

UL D	Section 7	Township 17S	Range 30E	Lot 1	Ft. from N/S 687 FNL	Ft. from E/W 828 FWL	Latitude 32.8543904°N	Longitude 104.0169836°W	County EDDY
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First Take Point (FTP)

UL A	Section 12	Township 17S	Range 29E	Lot	Ft. from N/S 685 FNL	Ft. from E/W 108 FEL	Latitude 32.8543913°N	Longitude 104.0200295°W	County EDDY
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Last Take Point (LTP)

UL D	Section 12	Township 17S	Range 29E	Lot	Ft. from N/S 659 FNL	Ft. from E/W 116 FWL	Latitude 32.8544969°N	Longitude 104.0364725°N	County EDDY
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Unitized Area or Area of Uniform Interest Y	Spacing Unit Type ☒ Horizontal ☐ Vertical	Ground Floor Elevation: 3663'
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OPERATOR CERTIFICATIONS <i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and, if the well is a vertical or directional well, 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 a working interest or unleased mineral interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</i> <i>If this well is a horizontal well, I further certify that this organization has received the consent of at least one lessee or owner of a working interest or unleased mineral interest in each tract (in the target pool or formation) in which any part of the well's completed interval will be located or obtained a compulsory pooling order from the division.</i> <i>Sarah Chapman</i> 08/04/2025 Signature Date SARAH CHAPMAN Printed Name SCHAPMAN@SPURENERGY.COM Email Address		SURVEYOR CERTIFICATIONS <i>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me under my supervision, and that the same is true and correct to the best of my belief.</i>  Signature and Seal of Professional Surveyor <i>Dale E. Bell</i> Certificate Number 14400 Date of Survey 07/14/2025	
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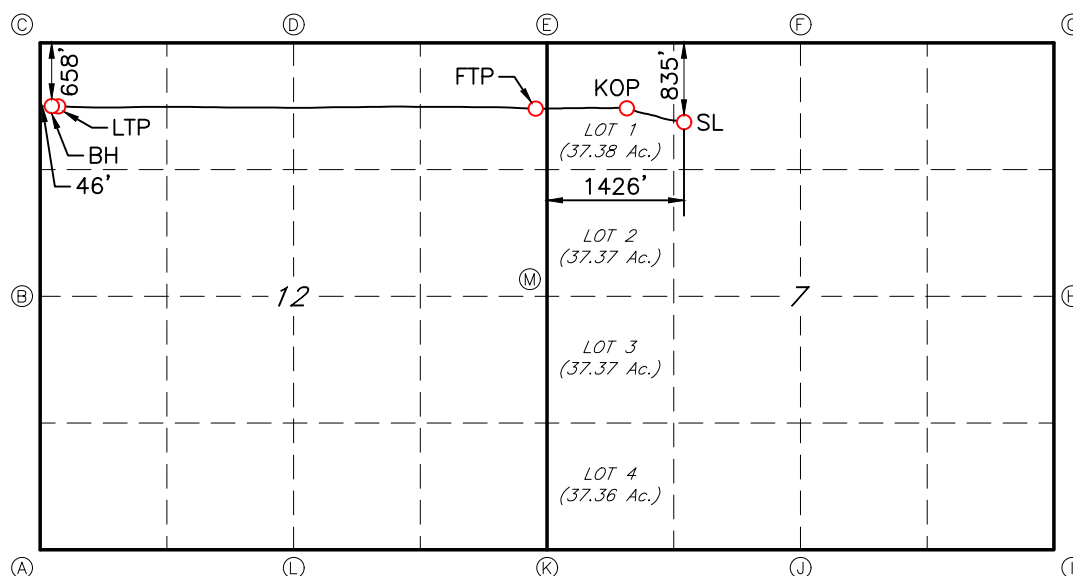
Note: No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

ACREAGE DEDICATION PLATS

This grid represents a standard section. You may superimpose a non-standard section, or larger area, over this grid. Operators must outline the dedicated acreage in a red box, clearly show the well surface location and bottom hole location, if it is a directionally drilled, with the dimensions from the section lines in the cardinal directions. If this is a horizontal wellbore show on this plat the location of the First Take Point and Last Take Point, and the point within the Completed interval (other than the First Take Point or Last Take Point) that is closest to any outer boundary of the tract.

Surveyors shall use the latest United States government survey or dependent resurvey. Well locations will be in reference to the New Mexico Principal Meridian. If the land is not surveyed, contact the OCD Engineering Bureau. Independent subdivision surveys will not be acceptable.

FAT TIRE 12 FEDERAL COM #20H



GEODETIC DATA

NAD 83 GRID - NM EAST

SURFACE LOCATION (SL)

835' FNL & 1426' FWL SEC.7

N: 674561.4 - E: 639080.1

LAT: 32.8539880° N
LONG: 104.0150376° W

KICK OFF POINT (KOP)

687' FNL & 828' FWL SEC.7

N: 674706.0 - E: 638482.1

LAT: 32.8543904° N
LONG: 104.0169836° W
MD: 3724.0 - TVD: 3659.3

FIRST TAKE POINT (FTP)

685' FNL & 108' FWL SEC.12

N: 674703.6 - E: 637546.8

LAT: 32.8543913° N
LONG: 104.0200295° W
MD: 5043.0 - TVD: 4482.0

LAST TAKE POINT (LTP)

659' FNL & 116' FWL SEC.12

N: 674727.4 - E: 632497.3

LAT: 32.8544969° N
LONG: 104.0364725° W
MD: 10095.0 - TVD: 4376.2

BOTTOM HOLE (BH)

658' FNL & 46' FWL SEC.12

N: 674728.5 - E: 632427.3

LAT: 32.8545004° N
LONG: 104.0367004° W
MD: 10165.0 - TVD: 4374.7

CORNER DATA

NAD 83 GRID - NM EAST

A: FOUND BRASS CAP "1914"
N: 670105.4 - E: 632395.3B: 1" STEEL PIPE
N: 672745.8 - E: 632388.8C: FOUND BRASS CAP "1914"
N: 675386.0 - E: 632379.4D: FOUND BRASS CAP "1914"
N: 675390.1 - E: 635023.9E: FOUND BRASS CAP "1914"
N: 675387.8 - E: 637653.6F: FOUND BRASS CAP "1916"
N: 675403.7 - E: 640208.3G: FOUND BRASS CAP "1916"
N: 675419.9 - E: 642848.2H: FOUND BRASS CAP "1916"
N: 672779.6 - E: 642857.5I: FOUND BRASS CAP "1916"
N: 670140.1 - E: 642866.3J: FOUND BRASS CAP "1916"
N: 670128.3 - E: 640226.3K: FOUND BRASS CAP "1914"
N: 670118.1 - E: 637673.2L: FOUND BRASS CAP "1914"
N: 670111.9 - E: 635036.0M: FOUND BRASS CAP "1914"
N: 672751.6 - E: 637657.6

JOB #: LS20100538AC



15425 North Freeway, Suite 350
Houston, Texas 77090

May 6, 2025

State of Texas Survey Certification

Operator	SPUR ENERGY PARTNERS LLC
Well Name	FAT TIRE 12 FEDERAL COM
API Number	30-015-48704
County	Eddy, New Mexico

I, James Anderson, certify that: I represent Black Diamond Oilfield Rentals, LLC; that I did on the day(s) of 04/30/2025 through 05/06/2025 conduct or supervise the taking of MWD surveys from a depth of 0 feet measured depth to a depth of 10165 feet measured depth; that the data is true, correct, complete, and within the limitations of the tool as set forth by Black Diamond Oilfield Rentals, LLC; that I am authorized and qualified to make this report; that the survey was conducted at the request of SPUR ENERGY PARTNERS LLC _ for the _ FAT TIRE 12 FEDERAL COM.

I have reviewed this report and find that it conforms to the principles and procedures as set forth by Black Diamond Oilfield Rentals, LLC.

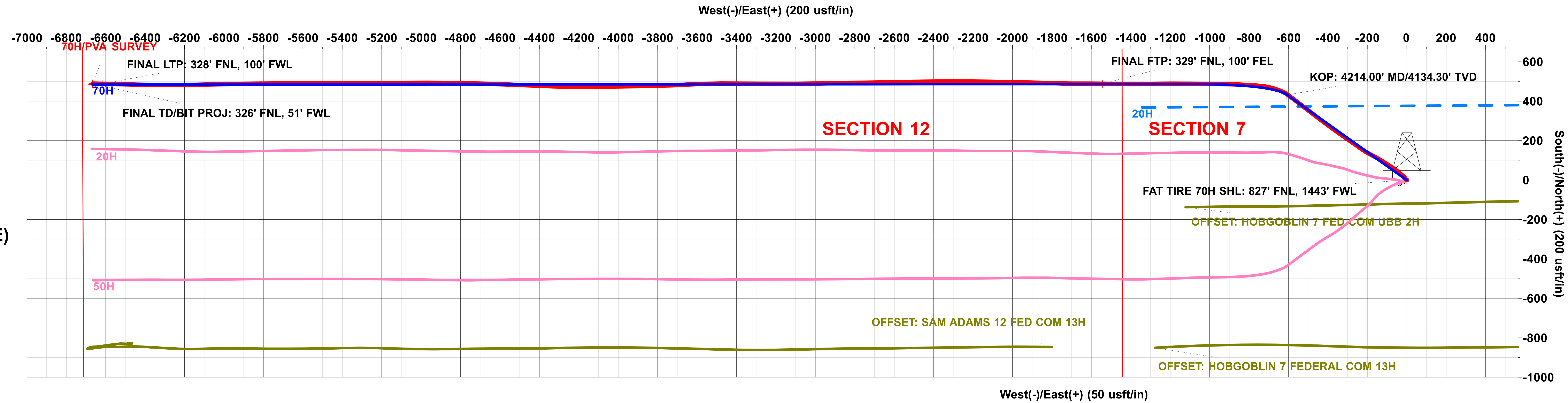
James Anderson

Printed Name

MWD Field Operator



Project: EDDY COUNTY, NM (NAD 83 - NME)
Site: FAT TIRE 12 FEDERAL COM
Well: 70H
Wellbore: OH
Design: PLAN 1



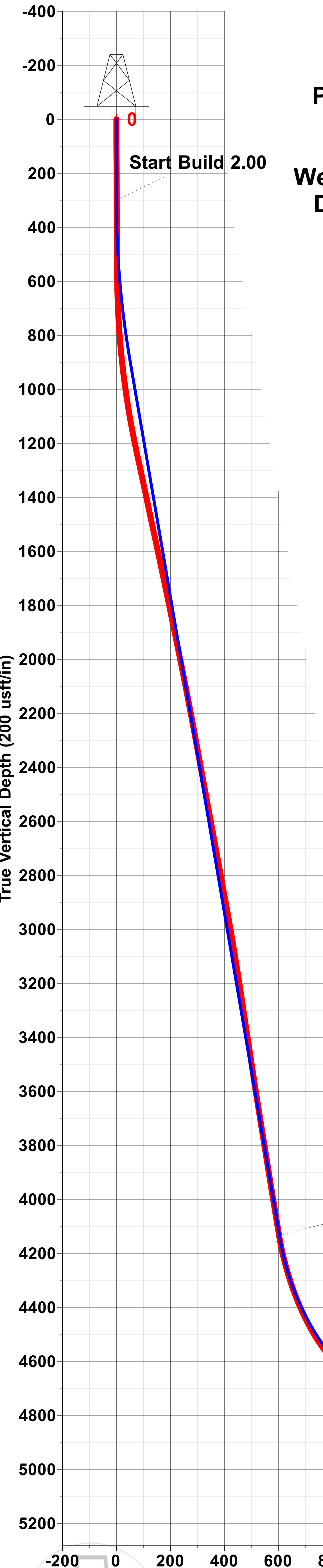
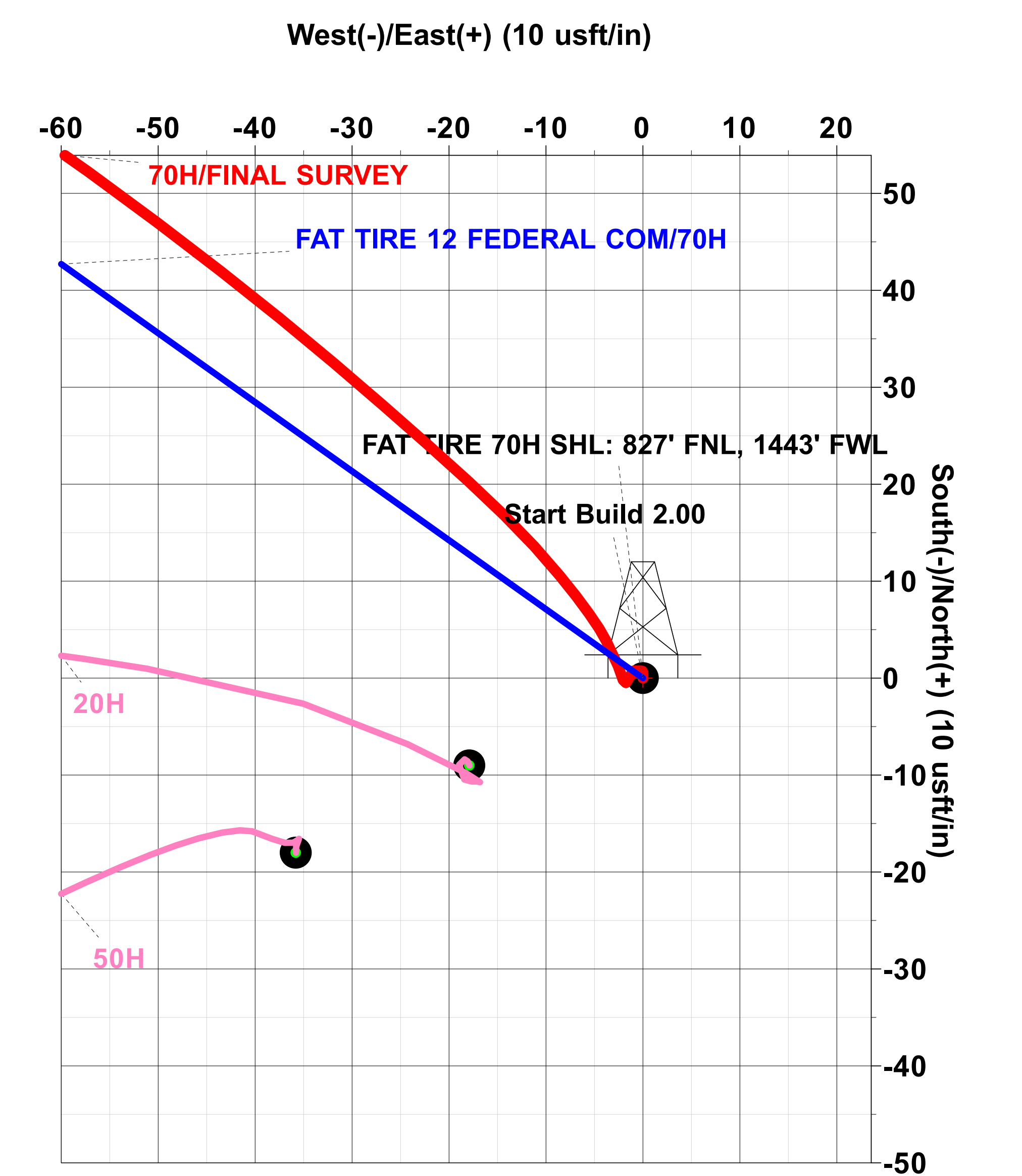
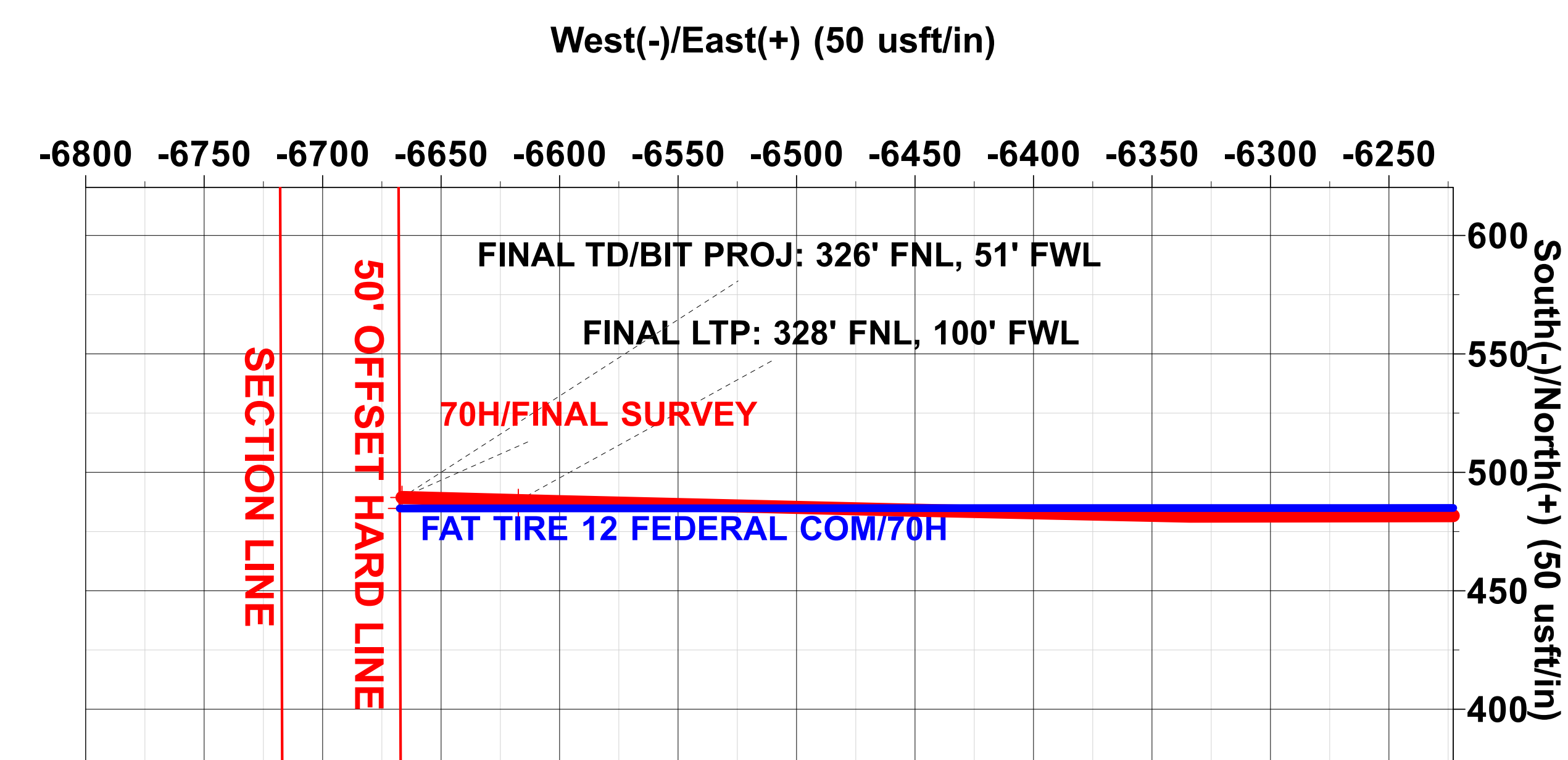
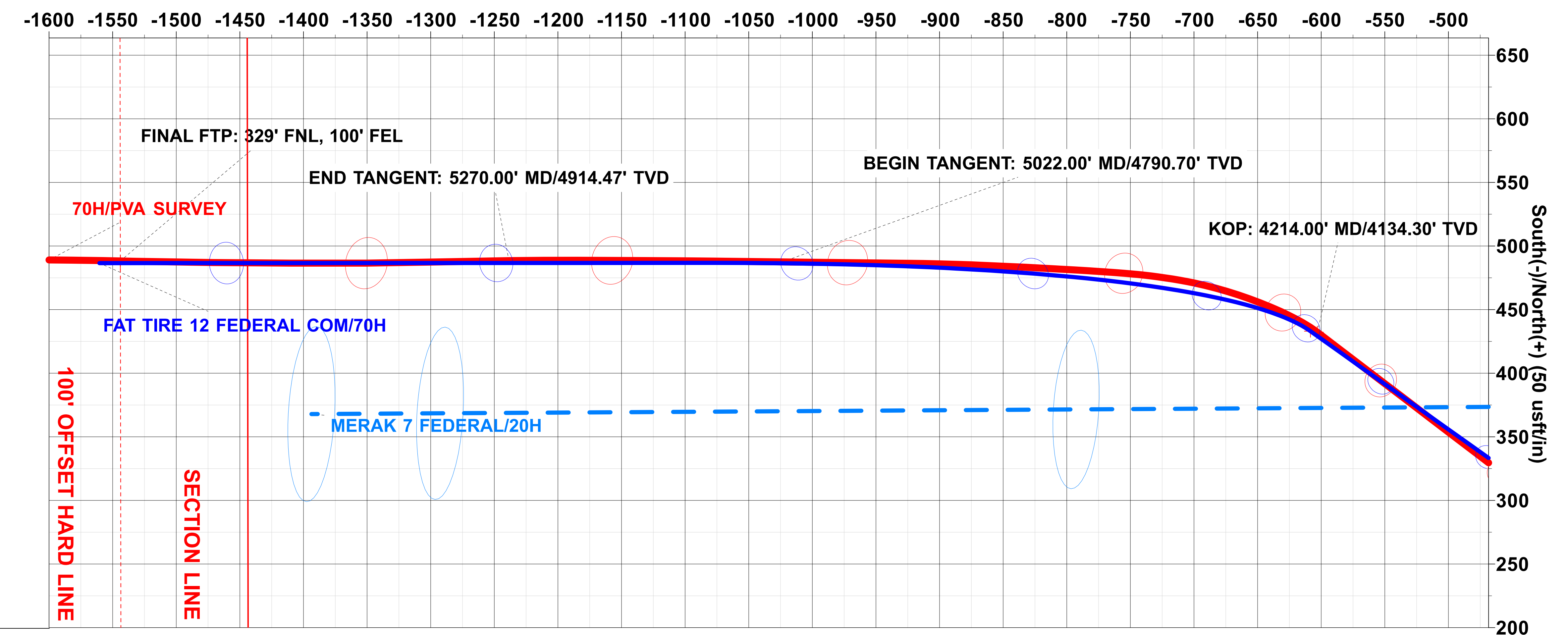
WELL DETAILS: 70H						
Rig Name:		AKITA 57		RKB = 20' @ 3682.00usft (AKITA 57)		
				Ground Level: 3662.00		
+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	
0.00	0.00	674570.40	639098.00	32.85401	-104.01498	

SECTION DETAILS									
Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	VSect	Target
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2	300.00	0.00	0.00	300.00	0.00	0.00	0.00	0.00	
3	892.73	11.85	305.44	888.51	35.43	-49.78	2.00	49.77	
4	4230.71	11.85	305.44	4155.30	433.08	-608.42	0.00	608.27	
5	5074.65	60.00	269.98	4823.31	486.76	-1075.27	6.00	1075.10	
6	5274.65	60.00	269.98	4923.31	486.70	-1248.48	0.00	1248.31	
7	5583.60	90.89	269.98	5000.00	486.60	-1543.90	10.00	1543.73	FAT TIRE 70H FTP: 331' FNL, 100' FEL
8	10657.71	90.89	269.98	4920.78	484.82	-6617.40	0.00	6617.23	FAT TIRE 70H LTP: 331' FNL, 100' FWL
9	10707.72	90.89	269.98	4920.00	484.80	-6667.40	0.00	6667.23	FAT TIRE 70H BHL: 331' FNL, 50' FWL

DESIGN TARGET DETAILS							
Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
FAT TIRE 70H SHL: 827' FNL, 1443' FWL	0.00	0.00	0.00	674570.40	639098.00	32.85401	-104.01498
KOP: 4214.00' MD/4134.30' TVD	4134.30	432.27	-603.02	675002.67	638494.98	32.85521	-104.01694
FINAL TD/BIT PROJ: 326' FNL, 51' FWL	4908.59	489.36	-6666.47	675059.76	632431.53	32.85541	-104.03668
FINAL LTP: 328' FNL, 100' FWL	4911.82	488.05	-6617.40	675058.45	632480.60	32.85541	-104.03652
FINAL FTP: 329' FNL, 100' FEL	4997.80	488.29	-1543.90	675058.69	637554.10	32.85537	-104.02000

PROJECT DETAILS: EDDY COUNTY, NM (NAD 83 - NME)

Geodetic System: US State Plane 1983
Datum: North American Datum 1983
Ellipsoid: GRS 1980
Zone: New Mexico Eastern Zone
System Datum: Mean Sea Level



Vertical Section at 269.98° (200 usft/in)



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Plan: PLAN 1 (70H/OH)

Created By: PROTOTYPE WELL PLANNING / Date: 10:29, May 15 2025



SPUR ENERGY PARTNERS, LLC

EDDY COUNTY, NM (NAD 83 - NME)

FAT TIRE 12 FEDERAL COM

20H

OH

Design: SURVEYS

Standard Survey Report

06 May, 2025



**PROTOTYPE
WELL PLANNING**
WELL PLANNED. WELL EXECUTED.



PROTOTYPE Survey Report



Company:	SPUR ENERGY PARTNERS, LLC	Local Co-ordinate Reference:	Well 20H
Project:	EDDY COUNTY, NM (NAD 83 - NME)	TVD Reference:	RKB = 20' @ 3683.00usft (AKITA 57)
Site:	FAT TIRE 12 FEDERAL COM	MD Reference:	RKB = 20' @ 3683.00usft (AKITA 57)
Well:	20H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	SURVEYS	Database:	EDM 5000.17 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		

Well	20H			
Well Position	+N/-S	0.00 usft	Northing:	674,561.40 usft
	+E/-W	0.00 usft	Easting:	639,080.10 usft
Position Uncertainty	0.00 usft		Wellhead Elevation:	usft
Grid Convergence:	0.17 °		Ground Level:	3,663.00 usft

Design	SURVEYS			
Audit Notes:				
Version:	1.0	Phase:	ACTUAL	Tie On Depth: 0.00
Vertical Section:	Depth From (TVD)	+N/-S	+E/-W	Direction
	(usft)	(usft)	(usft)	(°)
	0.00	0.00	0.00	269.98

Survey Program	Date 5/6/2025			
From	To	Survey (Wellbore)	Tool Name	Description
(usft)	(usft)			
20.00	470.00	Survey #1 (OH)	MWD	OWSG MWD - Standard
492.00	10,165.00	Survey #2 (OH)	MWD+IFR1+SAG+FDIR	OWSG MWD + IFR1 + Sag + FDIR Correction

Survey									
Measured	Inclination	Azimuth	Vertical	+N/-S	+E/-W	Vertical	Dogleg	Build	Turn
Depth	(°)	(°)	Depth	(usft)	(usft)	Section	Rate	Rate	Rate
(usft)			(usft)			(usft)	(°/100usft)	(°/100usft)	(°/100usft)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FAT TIRE 20H SHL: 835' FNL, 1426' FWL									
20.00	0.00	0.00	20.00	0.00	0.00	0.00	0.00	0.00	0.00
88.00	0.80	337.35	88.00	0.44	-0.18	0.18	1.18	1.18	0.00
122.00	0.70	262.35	122.00	0.63	-0.48	0.48	2.70	-0.29	-220.59
205.00	0.70	188.35	204.99	0.06	-1.06	1.06	1.02	0.00	-89.16
323.00	1.00	141.35	322.98	-1.46	-0.52	0.52	0.62	0.25	-39.83
417.00	0.60	26.35	416.97	-1.66	0.21	-0.21	1.45	-0.43	-122.34
470.00	1.20	116.35	469.97	-1.65	0.83	-0.83	2.53	1.13	169.81
492.00	0.34	65.36	491.97	-1.73	1.10	-1.10	4.64	-3.91	-231.77
612.00	1.83	293.79	611.95	-0.81	-0.33	0.33	1.73	1.24	-109.64
733.00	4.58	297.45	732.75	2.20	-6.39	6.39	2.28	2.27	3.02
852.00	6.58	286.87	851.18	6.37	-17.13	17.13	1.88	1.68	-8.89
972.00	9.23	279.60	970.03	9.97	-33.20	33.20	2.36	2.21	-6.06
1,092.00	11.93	276.18	1,087.98	12.91	-55.03	55.02	2.31	2.25	-2.85
1,213.00	12.96	276.51	1,206.14	15.79	-80.94	80.93	0.85	0.85	0.27
1,273.00	13.57	275.92	1,264.54	17.28	-94.63	94.62	1.04	1.02	-0.98
1,396.00	12.11	275.45	1,384.46	20.00	-121.82	121.82	1.19	-1.19	-0.38
1,520.00	13.75	283.92	1,505.32	24.78	-149.08	149.07	2.02	1.32	6.83
1,644.00	13.49	281.39	1,625.84	31.18	-177.56	177.55	0.52	-0.21	-2.04



PROTOTYPE Survey Report



Company:	SPUR ENERGY PARTNERS, LLC	Local Co-ordinate Reference:	Well 20H
Project:	EDDY COUNTY, NM (NAD 83 - NME)	TVD Reference:	RKB = 20' @ 3683.00usft (AKITA 57)
Site:	FAT TIRE 12 FEDERAL COM	MD Reference:	RKB = 20' @ 3683.00usft (AKITA 57)
Well:	20H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	SURVEYS	Database:	EDM 5000.17 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)
1,769.00	13.75	286.27	1,747.32	38.22	-206.12	206.10	0.94	0.21	3.90
1,893.00	13.31	283.19	1,867.88	45.61	-234.16	234.15	0.68	-0.35	-2.48
2,016.00	13.09	289.37	1,987.64	53.46	-261.09	261.07	1.16	-0.18	5.02
2,140.00	13.24	289.83	2,108.38	62.93	-287.69	287.67	0.15	0.12	0.37
2,265.00	11.40	282.17	2,230.51	70.39	-313.24	313.21	1.97	-1.47	-6.13
2,389.00	10.61	282.40	2,352.22	75.43	-336.37	336.34	0.64	-0.64	0.19
2,513.00	10.69	284.52	2,474.09	80.76	-358.65	358.62	0.32	0.06	1.71
2,638.00	12.44	281.59	2,596.55	86.38	-383.06	383.03	1.48	1.40	-2.34
2,763.00	12.37	279.90	2,718.63	91.38	-409.44	409.41	0.30	-0.06	-1.35
2,889.00	12.29	279.57	2,841.72	95.93	-435.96	435.93	0.08	-0.06	-0.26
3,039.00	12.05	289.05	2,988.37	103.70	-466.51	466.47	1.34	-0.16	6.32
3,164.00	11.84	289.31	3,110.66	112.20	-490.94	490.90	0.17	-0.17	0.21
3,288.00	11.88	289.19	3,232.01	120.60	-515.00	514.96	0.04	0.03	-0.10
3,411.00	11.08	285.85	3,352.55	127.99	-538.33	538.29	0.85	-0.65	-2.72
3,535.00	11.27	285.87	3,474.20	134.56	-561.45	561.40	0.15	0.15	0.02
3,658.00	11.53	285.73	3,594.77	141.18	-584.84	584.79	0.21	0.21	-0.11
3,720.00	11.91	284.43	3,655.48	144.45	-597.00	596.95	0.75	0.61	-2.10
3,724.00	12.27	283.85	3,659.39	144.65	-597.81	597.76	9.56	9.06	-14.54
KOP: 3724.00' MD/3659.39' TVD - KOP @ 3724.00' MD									
3,724.12	12.27	283.85	3,659.51	144.66	-597.84	597.79	0.00	0.00	0.00
FAT TIRE 20H KOP: 3718.95' MD									
3,781.00	17.53	278.17	3,714.46	147.33	-612.20	612.15	9.58	9.24	-9.98
3,843.00	21.90	274.26	3,772.81	149.51	-632.99	632.94	7.36	7.05	-6.31
3,905.00	25.46	271.10	3,829.59	150.63	-657.85	657.80	6.09	5.74	-5.10
3,966.00	28.56	267.74	3,883.93	150.31	-685.54	685.49	5.66	5.08	-5.51
4,028.00	31.55	268.41	3,937.59	149.27	-716.57	716.52	4.85	4.82	1.08
4,091.00	34.63	268.39	3,990.36	148.31	-750.95	750.89	4.89	4.89	-0.03
4,154.00	36.76	269.36	4,041.53	147.60	-787.69	787.64	3.50	3.38	1.54
4,217.00	40.31	270.61	4,090.80	147.60	-826.94	826.88	5.77	5.63	1.98
4,279.00	44.55	270.95	4,136.55	148.18	-868.75	868.70	6.85	6.84	0.55
4,341.00	47.58	271.40	4,179.56	149.10	-913.39	913.33	4.91	4.89	0.73
4,402.00	50.94	270.72	4,219.37	149.94	-959.59	959.54	5.57	5.51	-1.11
4,465.00	53.57	268.89	4,257.93	149.76	-1,009.40	1,009.34	4.76	4.17	-2.90
4,527.00	57.61	268.77	4,292.96	148.72	-1,060.53	1,060.47	6.52	6.52	-0.19
4,538.00	58.01	269.03	4,298.82	148.54	-1,069.83	1,069.78	4.15	3.64	2.34
BEGIN TANGENT: 4538.00' MD/4298.82' TVD									
4,558.00	58.74	269.49	4,309.31	148.32	-1,086.86	1,086.81	4.15	3.65	2.31
4,589.00	59.11	269.34	4,325.31	148.05	-1,113.41	1,113.36	1.26	1.19	-0.48
4,620.00	59.86	269.27	4,341.05	147.72	-1,140.12	1,140.07	2.43	2.42	-0.23
4,651.00	60.32	269.30	4,356.51	147.39	-1,166.99	1,166.93	1.49	1.48	0.10
4,682.00	60.71	269.01	4,371.77	146.99	-1,193.97	1,193.92	1.50	1.26	-0.94
4,713.00	61.02	269.06	4,386.86	146.53	-1,221.04	1,220.99	1.01	1.00	0.16
4,738.00	62.09	268.86	4,398.77	146.13	-1,243.02	1,242.97	4.35	4.29	-0.81
END TANGENT: 4738.00' MD/4398.77' TVD									



PROTOTYPE Survey Report



Company:	SPUR ENERGY PARTNERS, LLC	Local Co-ordinate Reference:	Well 20H
Project:	EDDY COUNTY, NM (NAD 83 - NME)	TVD Reference:	RKB = 20' @ 3683.00usft (AKITA 57)
Site:	FAT TIRE 12 FEDERAL COM	MD Reference:	RKB = 20' @ 3683.00usft (AKITA 57)
Well:	20H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	SURVEYS	Database:	EDM 5000.17 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)
4,744.00	62.35	268.81	4,401.56	146.02	-1,248.33	1,248.28	4.35	4.29	-0.80
4,775.00	64.30	268.69	4,415.48	145.42	-1,276.02	1,275.97	6.30	6.29	-0.39
4,838.00	69.07	268.53	4,440.41	144.02	-1,333.84	1,333.79	7.58	7.57	-0.25
4,899.00	73.74	268.91	4,459.85	142.73	-1,391.63	1,391.58	7.68	7.66	0.62
4,963.00	79.02	269.26	4,474.92	141.74	-1,453.80	1,453.75	8.27	8.25	0.55
5,024.00	87.78	270.65	4,481.92	141.70	-1,514.33	1,514.28	14.54	14.36	2.28
5,035.18	88.48	270.93	4,482.29	141.85	-1,525.50	1,525.45	6.71	6.24	2.47
FINAL FTP: 5035.18' MD/4482.79' TVD - FINAL FTP: 685' FNL, 100' FEL									
5,035.57	88.50	270.94	4,482.30	141.86	-1,525.90	1,525.85	6.71	6.24	2.47
FAT TIRE 20H FTP: 670' FNL, 100' FEL									
5,086.00	91.65	272.18	4,482.23	143.23	-1,576.30	1,576.25	6.71	6.24	2.47
5,210.00	91.96	272.12	4,478.33	147.88	-1,700.15	1,700.10	0.25	0.25	-0.05
5,333.00	90.62	272.92	4,475.56	153.28	-1,823.00	1,822.94	1.27	-1.09	0.65
5,457.00	89.97	269.86	4,474.92	156.29	-1,946.94	1,946.89	2.52	-0.52	-2.47
5,581.00	92.33	269.77	4,472.43	155.89	-2,070.91	2,070.85	1.90	1.90	-0.07
5,704.00	92.95	270.97	4,466.76	156.68	-2,193.77	2,193.72	1.10	0.50	0.98
5,828.00	90.65	271.30	4,462.87	159.14	-2,317.68	2,317.62	1.87	-1.85	0.27
5,950.00	89.43	269.15	4,462.78	159.62	-2,439.67	2,439.61	2.03	-1.00	-1.76
6,070.00	90.59	270.23	4,462.76	158.97	-2,559.66	2,559.61	1.32	0.97	0.90
6,192.00	92.53	270.32	4,459.44	159.55	-2,681.61	2,681.55	1.59	1.59	0.07
6,312.00	90.85	271.15	4,455.90	161.09	-2,801.54	2,801.49	1.56	-1.40	0.69
6,431.00	90.85	270.66	4,454.14	162.97	-2,920.51	2,920.46	0.41	0.00	-0.41
6,552.00	90.62	269.31	4,452.59	162.94	-3,041.50	3,041.44	1.13	-0.19	-1.12
6,671.00	92.64	269.11	4,449.20	161.30	-3,160.44	3,160.38	1.71	1.70	-0.17
6,792.00	91.05	269.45	4,445.31	159.78	-3,281.36	3,281.30	1.34	-1.31	0.28
6,912.00	89.45	269.19	4,444.78	158.36	-3,401.35	3,401.29	1.35	-1.33	-0.22
7,033.00	89.91	269.88	4,445.46	157.37	-3,522.34	3,522.28	0.69	0.38	0.57
7,156.00	91.65	269.64	4,443.78	156.86	-3,645.32	3,645.27	1.43	1.41	-0.20
7,279.00	90.82	268.59	4,441.13	154.96	-3,768.28	3,768.22	1.09	-0.67	-0.85
7,403.00	92.56	268.35	4,437.48	151.65	-3,892.17	3,892.12	1.42	1.40	-0.19
7,526.00	93.15	269.49	4,431.35	149.33	-4,015.00	4,014.94	1.04	0.48	0.93
7,649.00	91.82	271.38	4,426.02	150.27	-4,137.87	4,137.81	1.88	-1.08	1.54
7,773.00	91.19	270.89	4,422.76	152.72	-4,261.80	4,261.75	0.64	-0.51	-0.40
7,895.00	91.59	270.40	4,419.80	154.10	-4,383.76	4,383.70	0.52	0.33	-0.40
8,019.00	91.08	268.91	4,416.91	153.35	-4,507.72	4,507.66	1.27	-0.41	-1.20
8,145.00	91.25	270.39	4,414.35	152.58	-4,633.68	4,633.63	1.18	0.13	1.17
8,269.00	89.82	271.17	4,413.19	154.27	-4,757.66	4,757.61	1.31	-1.15	0.63
8,395.00	91.31	270.72	4,411.95	156.35	-4,883.64	4,883.58	1.24	1.18	-0.36
8,519.00	90.91	271.34	4,409.55	158.58	-5,007.59	5,007.54	0.59	-0.32	0.50
8,642.00	92.51	271.10	4,405.88	161.19	-5,130.50	5,130.45	1.32	1.30	-0.20
8,768.00	90.37	269.82	4,402.71	162.20	-5,256.45	5,256.39	1.98	-1.70	-1.02
8,893.00	91.02	269.62	4,401.19	161.59	-5,381.44	5,381.38	0.54	0.52	-0.16
9,018.00	91.37	269.73	4,398.59	160.88	-5,506.41	5,506.35	0.29	0.28	0.09



PROTOTYPE Survey Report



Company:	SPUR ENERGY PARTNERS, LLC	Local Co-ordinate Reference:	Well 20H
Project:	EDDY COUNTY, NM (NAD 83 - NME)	TVD Reference:	RKB = 20' @ 3683.00usft (AKITA 57)
Site:	FAT TIRE 12 FEDERAL COM	MD Reference:	RKB = 20' @ 3683.00usft (AKITA 57)
Well:	20H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	SURVEYS	Database:	EDM 5000.17 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)
9,143.00	91.82	268.59	4,395.11	159.05	-5,631.35	5,631.29	0.98	0.36	-0.91
9,267.00	89.74	269.32	4,393.42	156.79	-5,755.31	5,755.25	1.78	-1.68	0.59
9,392.00	90.97	268.92	4,392.64	154.87	-5,880.29	5,880.23	1.03	0.98	-0.32
9,517.00	92.79	268.96	4,388.54	152.56	-6,005.19	6,005.14	1.46	1.46	0.03
9,642.00	92.31	271.61	4,382.98	153.18	-6,130.06	6,130.00	2.15	-0.38	2.12
9,766.00	89.62	271.99	4,380.89	157.08	-6,253.96	6,253.91	2.19	-2.17	0.31
9,890.00	90.99	272.10	4,380.23	161.50	-6,377.88	6,377.82	1.11	1.10	0.09
10,014.00	91.20	270.89	4,377.86	164.74	-6,501.81	6,501.76	0.99	0.17	-0.98
10,099.00	91.20	270.89	4,376.08	166.06	-6,586.79	6,586.73	0.00	0.00	0.00
10,110.44	91.20	270.89	4,375.84	166.23	-6,598.22	6,598.17	0.00	0.00	0.00
FAT TIRE 20H LTP: 670' FNL, 100' FWL									
10,110.52	91.20	270.89	4,375.84	166.23	-6,598.30	6,598.24	0.00	0.00	0.00
FINAL LTP: 10110.52.00' MD/4375.84' TVD - FINAL LTP: 659' FNL, 100' FWL									
10,160.45	91.20	270.89	4,374.80	167.01	-6,648.21	6,648.15	0.00	0.00	0.00
FAT TIRE 20H BHL: 670' FNL, 50' FWL									
10,165.00	91.20	270.89	4,374.70	167.08	-6,652.76	6,652.70	0.00	0.00	0.00
FINAL STATION CLOSURE DISTANCE= 6654.86 /Direction= 271.44 - PROJECTION TO BIT: 10165.00' MD/ 4374.70' TVD -									

Design Targets

Target Name - hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude
KOP @ 3724.00' MD - actual wellpath hits target center - Point	0.00	0.00	3,659.39	144.65	-597.81	674,706.05	638,482.29	32.85439	-104.01699
FINAL TD/BIT PROJ: - actual wellpath hits target center - Point	0.00	0.00	4,374.70	167.08	-6,652.76	674,728.48	632,427.34	32.85450	-104.03670
FINAL LTP: 659' FNL, - actual wellpath hits target center - Point	0.00	0.00	4,375.84	166.23	-6,598.30	674,727.63	632,481.80	32.85450	-104.03653
FINAL FTP: 685' FNL - actual wellpath hits target center - Point	0.00	0.00	4,482.29	141.85	-1,525.50	674,703.24	637,554.60	32.85439	-104.02001



PROTOTYPE
Survey Report



Company:	SPUR ENERGY PARTNERS, LLC	Local Co-ordinate Reference:	Well 20H
Project:	EDDY COUNTY, NM (NAD 83 - NME)	TVD Reference:	RKB = 20' @ 3683.00usft (AKITA 57)
Site:	FAT TIRE 12 FEDERAL COM	MD Reference:	RKB = 20' @ 3683.00usft (AKITA 57)
Well:	20H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	SURVEYS	Database:	EDM 5000.17 Single User Db

Design Annotations				
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
3,724.00	3,659.39	144.65	-597.81	KOP: 3724.00' MD/3659.39' TVD
4,538.00	4,298.82	148.54	-1,069.83	BEGIN TANGENT: 4538.00' MD/4298.82' TVD
4,738.00	4,398.77	146.13	-1,243.02	END TANGENT: 4738.00' MD/4398.77' TVD
5,035.18	4,482.29	141.85	-1,525.51	FINAL FTP: 5035.18' MD/4482.79' TVD
10,110.52	4,375.84	166.23	-6,598.30	FINAL LTP: 10110.52.00' MD/4375.84' TVD
10,165.00	4,374.70	167.08	-6,652.76	FINAL STATION CLOSURE DISTANCE= 6654.86 /Direction= 271.44
10,165.00	4,374.70	167.08	-6,652.76	PROJECTION TO BIT: 10165.00' MD/ 4374.70' TVD
10,165.00	4,374.70	167.08	-6,652.76	TD: Latitude= 32.85450 / Longitude= -104.03670
10,165.00	4,374.70	167.08	-6,652.76	TD: Y= 674728.48 / X= 632427.34

Checked By: _____

Approved By: _____

Date: _____

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

Section 1 - Operator and Well Information

Submittal Type: ☒ New Well ☐ Workover ☐ Deepening ☐ Plugback ☐ Different Reservoir ☐ C-144 Closure Attachment ☐ Other	
Operator Name: SPUR ENERGY PARTNERS LLC	OGRID: 328947
Property Name and Well Number: FAT TIRE 12 FEDERAL COM 20H	Property Code: 331167
Mineral Owner: ☐ State ☐ Fee ☐ Tribal ☒ Federal	API Number: 30-0 15-48704
Pool Name: LOCO HILLS; GLORIETA-YESO	Pool Code: 96718

Section 2 – Well Location										
	Ul or lot no.	Section	Township	Range	Lot Id	Feet from	N/S Line	Feet from	E/W Line	County
SHL:	C	7	17S	30E		835	NORTH	1426	WEST	EDDY
BHL	D	12	17S	29E		658	NORTH	46	WEST	EDDY

Section 3 – Completion Information

Date T.D. Reached 05/06/2025	Total Measured Depth of Well 10165'M/4375'V	Acid Volume (bbls) 664 BBL	☒ Directional Survey Submitted ☐ Deviation Survey Submitted
Date Rig Released 05/07/2025	Plug-Back Measured Depth 10119'M/4375'V	Completion Fluid Used (bbls) 293898	Were Logs Ran (Y/N) Y
Completion Date 07/07/2025	Perforations (MD and TVD) 5043'-10095'M/4482'-4376'V	Completion Proppant Used (lbs) 5005800	List Type of Logs Ran if applicable: GAMMA

Section 4 – Action IDs for Submissions and Order Numbers

Surface Casing Action ID: 453814	UIC Permit/Order (UIC wells only) ☐ Yes ☒ No, Order No.
Intermediate 1 Casing Action ID: 465597	NOI Recomplete Action ID (if applicable):
Intermediate 2 Casing Action ID:	NOI Plugback Action ID (if applicable):
Production Casing Action ID: 465597	Cement Squeeze Action ID (if applicable):
Tubing Action ID: 491874	All casing was pressure tested in accordance with NMAC ☒ Yes ☐ No
Liner 1 Action ID:	Casing was installed prior to Action ID system (Y/N): N

Section 5 – Test Data

Date First Production 08/06/2025	Production Method PUMPING ON ESP	Well Status PRODUCING	Gas – Oil Ratio
Date of Test 09/04/2025	Choke Size N/A	Flowing Tubing Pressure 185	Casing Pressure 160
24 hr Oil (bbls) 900	24 hr Gas (MCF) 1183	24 hr Water (bbls) 4088	Oil Gravity - API
Disposition of Gas: SOLD			

Section 6 – Pits

☐ A temporary pit was used at the well. If so, attach a plat with the location of the temporary pit.
☒ A Closed Loop System was used.
☐ If an on-site burial was used at the well, report the exact location of the on-site burial:
LAT: _____ LONG: _____

Section 7 - Operator Signature and Certification

☒ I hereby certify that the required Water Use Report has been, or will be, submitted for this well’s completion.	
☒ I hereby certify that the required Fracfocus disclosure has been, or will be, submitted for this well’s completion.	
☒ 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.	
Name SARAH CHAPMAN <i>Sarah Chapman</i>	Will file BLM approved 3160-5 within 10-days of approval.
Title REGULATORY DIRECTOR	Date 09/10/2025

South Formations				North Formations			
Formation/Zone	MD	TVD	W/O/G	Formation/Zone	MD	TVD	W/O/G
T. Anhy				T. San Jose			
T. Salt				T. Nacimiento			
B. Salt	1030'	1030'	N/A	T. Ojo Alamo			
T. Yates	1215'	1215'	O/G	T. Kirtland			
T. 7 Rivers	1477'	1477'	O/G	T. Fruitland			
T. Queen	2106'	2106'	O/G	T. Pictured Cliffs			
T. Grayburg	2517'	2517'	O/G	T. Lewis Shale			
T. San Andres	2831'	2831'	O/G	T. Chacra			
T. Glorieta				T. Cliff House			
T. Yeso				T. Menefee			
T. Paddock	4375'	4100'	O/G	T. Point Lookout			
T. Blinebry				T. Mancos			
T.Tubb				T. Gallup			
T. Drinkard				T. Greenhorn			
T. Abo				T. Graneros			
T. Wolfcamp				T. Dakota			
T. Penn				T. Morrison			
T. Cisco				T. Bluff			
T. Canyon				T.Todilto			
T. Strawn				T. Entrada			
T. Atoka				T. Wingate			
T. Morrow				T. Chinle			
T. Barnett Shale				T. Permian			
T. Miss				T. Penn A"			
T. Woodford Shale				T. Penn. "B"			
T. Devonian				T. Penn. "C"			
T. Silurian				T. Penn. "D"			
T. Fusselman				T. Leadville			
T. Montoya				T. Madison			
T. Simpson				T. Elbert			
T. McKee				T. McCracken			
T. Waddell				T. Ignacio Otzte			
T. Connel				T. Granite			
T. Ellenburger				T. Hermosa			
T. Gr. Wash				T. De Chelly			
T. Delaware Sand				T. Pinkerton			
T. Lamar Lime							
T. Bell Canyon							
T. Cherry Canyon							
T. Brushy Canyon							
T. Bone Springs							
T. 1st BS Sand							
T. 2nd BS Carbonate							
T. 2nd BS Sand							
T. 3rd BS Carbonate							
T. 3rd BS Sand							

Eddy County, NM
API# 30-015-48704

SPUD DATE: 04/09/2025
ELEV: 3,663' GL, 20' KB

CURRENT WBD

SURFACE

13-3/8" 54.5# J-55 CSG @ 465'

CMT W/ 505 SXS OF CLASS C

CIRC 48 BBLS, TOC AT SURF

INTERMEDIATE

9-5/8" 36# J-55 CSG @ 1329'

CMT W/ 560 SXS OF CLASS C

CIRC 53 BBLs, TOC AT SURF

PRODUCTION

7" 32# L-80 CSG @ 4781'

5-1/2" 20# L-80 CSG @ 4784-10,165'

CMT W/ 230 SX LEAD & 1475 SX TAIL

CLASS C

CIRCULATED 60 BBLs, TOC AT SURF

CROSS OVER FROM 7" TO
5-1/2" CSG @ 4782'

KOP @ 3724'

TOP PERF @ 5043'

CURRENT TUBING DETAIL:
3-1/2" 9.9# J-55 MPC @ 4685'

BOTTOM PERF @ 10,095'

TD (MD) @ 10,165'

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

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

ACKNOWLEDGMENTS

Action 522800

ACKNOWLEDGMENTS

Operator: Spur Energy Partners LLC 9655 Katy Freeway Houston, TX 77024	OGRID: 328947
	Action Number: 522800
	Action Type: [C-104] Completion Packet - New Well (C-104NW)

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.
☒	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.

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

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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 522800

CONDITIONS

Operator: Spur Energy Partners LLC 9655 Katy Freeway Houston, TX 77024	OGRID: 328947
	Action Number: 522800
	Action Type: [C-104] Completion Packet - New Well (C-104NW)

CONDITIONS

Created By	Condition	Condition Date
plmartinez	File 3160-4 Completion Report within 10 days of BLM approval.	12/10/2025