

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: MILLER 14 FEDERAL COM 20H	Property Code: 335617
Mineral Owner: ☐ State ☒ Fee ☐ Tribal ☒ Federal	API Number: 30-0 25-52663
Pool Name: MALJAMAR; YESO, WEST	Pool Code: 44500

Section 2 – Surface Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
E	13	17S	32E		2210' FNL	805' FWL	32.8357387	-103.725876	LEA

Section 3 – Completion Information

Producing Method	Ready Date	Perforations MD	Perforations TVD
PUMPING ON ESP	03/24/2025	6603'-11632'	6037'-5882'

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. PENDING
Surface Casing Action ID: 404994	Unit: ☐ Yes ☒ No, Order No.
Intermediate 1 Casing Action ID: 421976	Compulsory Pooling: ☒ Yes ☐ No, Order No. R-22612
Intermediate 2 Casing Action ID:	Down Hole Commingling: ☐ Yes ☒ No, Order No.
Production Casing Action ID: 421976	Surface Commingling: ☐ Yes ☒ No, Order No.
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 448718	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	06/10/2025

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 Drilled		

WELL LOCATION INFORMATION

API Number 30-025-52663	Pool Code 44500	Pool Name MALJAMAR; YESO, WEST	
Property Code 335617	Property Name MILLER 14 FEDERAL COM		Well Number 20H
OGRID No. 328947	Operator Name SPUR ENERGY PARTNERS LLC.		Ground Level Elevation 4107'
Surface Owner: ☒ State ☐ Fee ☐ Tribal ☐ Federal		Mineral Owner: ☐ State ☒ Fee ☐ Tribal ☒ Federal	

Surface Location

UL E	Section 13	Township 17S	Range 32E	Lot	Ft. from N/S 2210 FNL	Ft. from E/W 805 FWL	Latitude 32.8357387°N	Longitude 103.7258761°W	County LEA
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Bottom Hole Location

UL E	Section 14	Township 17S	Range 32E	Lot	Ft. from N/S 1640 FNL	Ft. from E/W 53 FWL	Latitude 32.8373371°N	Longitude 103.7455139°W	County LEA
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Dedicated Acres 320	Infill or Defining Well INFILL	Defining Well API 30-025-52662	Overlapping Spacing Unit (Y/N) N	Consolidation Code F & C
Order Numbers. R-22612			Well setbacks are under Common Ownership: ☒ Yes ☐ No	

Kick Off Point (KOP)

UL E	Section 13	Township 17S	Range 32E	Lot	Ft. from N/S 1700 FNL	Ft. from E/W 855 FWL	Latitude 32.8371411°N	Longitude 103.7257161°W	County LEA
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First Take Point (FTP)

UL H	Section 14	Township 17S	Range 32E	Lot	Ft. from N/S 1655 FNL	Ft. from E/W 133 FEL	Latitude 32.8372659°N	Longitude 103.7289316°W	County LEA
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Last Take Point (LTP)

UL E	Section 14	Township 17S	Range 32E	Lot	Ft. from N/S 1638 FNL	Ft. from E/W 119 FWL	Latitude 32.8373419°N	Longitude 103.7452996°W	County LEA
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Unitized Area or Area of Uniform Interest Y	Spacing Unit Type ☒ Horizontal ☐ Vertical	Ground Floor Elevation: 4107' GR
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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> Sarah Chapman 03/27/2024		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 SARAH CHAPMAN		Signature and Seal of Professional Surveyor	
Printed Name SCHAPMAN@SPURENERGY.COM		Certificate Number 14400	Date of Survey 03/11/2025
Email Address			

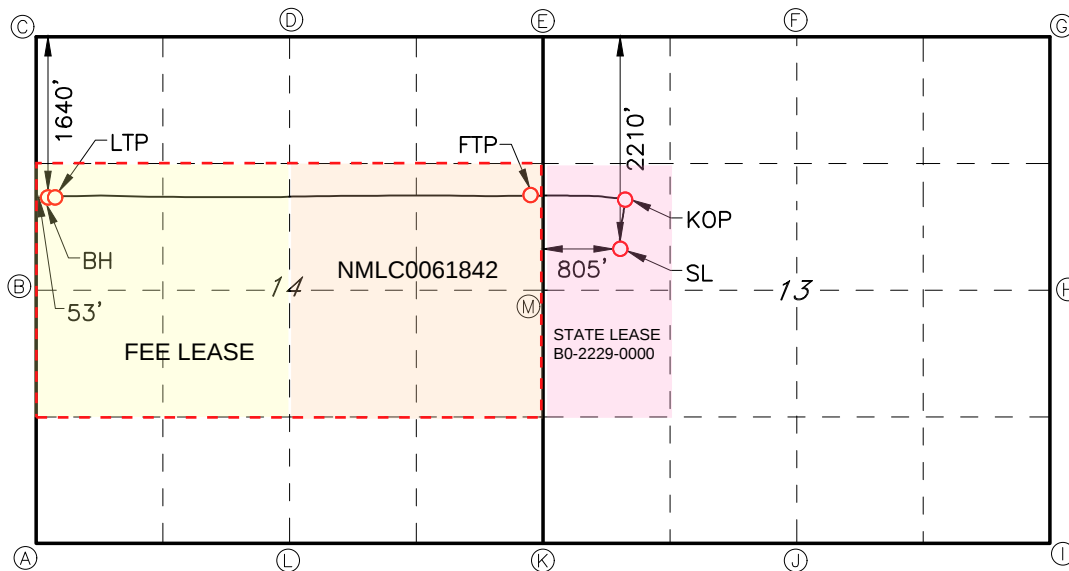
Note: No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

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.

MILLER 14 FEDERAL COM #20H



GEODETTIC DATA
NAD 83 GRID - NM EAST

SURFACE LOCATION (SL)
N: 668311.1 - E: 727915.4

LAT: 32.8357387° N
LONG: 103.7258761° W

KICK OFF POINT (KOP)
N: 668821.6 - E: 727961.6

LAT: 32.8371411° N
LONG: 103.7257161° W
MD: 5110.0' - TVD: 5080.7'

FIRST TAKE POINT (FTP)
N: 668861.3 - E: 726973.7

LAT: 32.8372659° N
LONG: 103.7289316° W
MD: 6603.0' - TVD: 6036.8'

LAST TAKE POINT (LTP)
N: 668860.6 - E: 721946.2

LAT: 32.8373419° N
LONG: 103.7452996° W
MD: 11632.0' - TVD: 5882.1'

BOTTOM HOLE (BH)
N: 668858.5 - E: 721880.4

LAT: 32.8373371° N
LONG: 103.7455139° W
MD: 11700.0' - TVD: 5878.0'

CORNER DATA
NAD 83 GRID - NM EAST

A: FOUND BRASS CAP "1913"
N: 665220.0 - E: 721849.6

B: FOUND BRASS CAP "1913"
N: 667859.2 - E: 721833.3

C: FOUND BRASS CAP "1913"
N: 670497.8 - E: 721816.9

D: FOUND BRASS CAP "1913"
N: 670496.2 - E: 724451.5

E: FOUND BRASS CAP "1913"
N: 670517.3 - E: 727096.3

F: FOUND BRASS CAP "1913"
N: 670527.8 - E: 729734.2

G: FOUND BRASS CAP "1913"
N: 670539.6 - E: 732379.8

H: FOUND BRASS CAP "1913"
N: 667898.7 - E: 732396.3

I: FOUND BRASS CAP "1913"
N: 665259.6 - E: 732412.5

J: FOUND 3/8" BOLT
N: 665248.4 - E: 729771.0

K: FOUND BRASS CAP "1913"
N: 665238.4 - E: 727129.7

L: FOUND BRASS CAP "1913"
N: 665229.1 - E: 724489.8

M: FOUND BRASS CAP "1913"
N: 667878.3 - E: 727113.4





January 9th, 2025

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

RE: SPUR ENERGY PARTNERS LLC 328947
Well: MILLER 14 FEDERAL COM 20H
POOLS:[44500] MALJAMAR;YESO, WEST
LEA COUNTY, NM
API Number: 30-025-52663

Please find the attached surveys performed on the above referenced well by Prime Solution Services.

Other information required by your office is as follows:

Original Hole:

Surveyed Depths:1284'MD– 11638' MD projection to 11700'MD
Date Performed: 12/26/2024 – 1/6/2025
Type of Survey: Directional Survey – MWD/IFR1

A certified plat on which the bottom hole location is oriented both to the surface location and the lease lines (or unit lines in case of pooling) is attached to the survey report. If any other information is required, please contact the Prime Solution Services

Sincerely,

Chris Rust

Quantum Oilfield Services

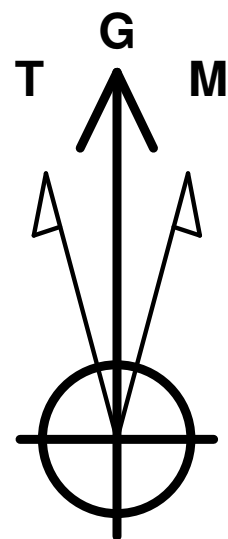
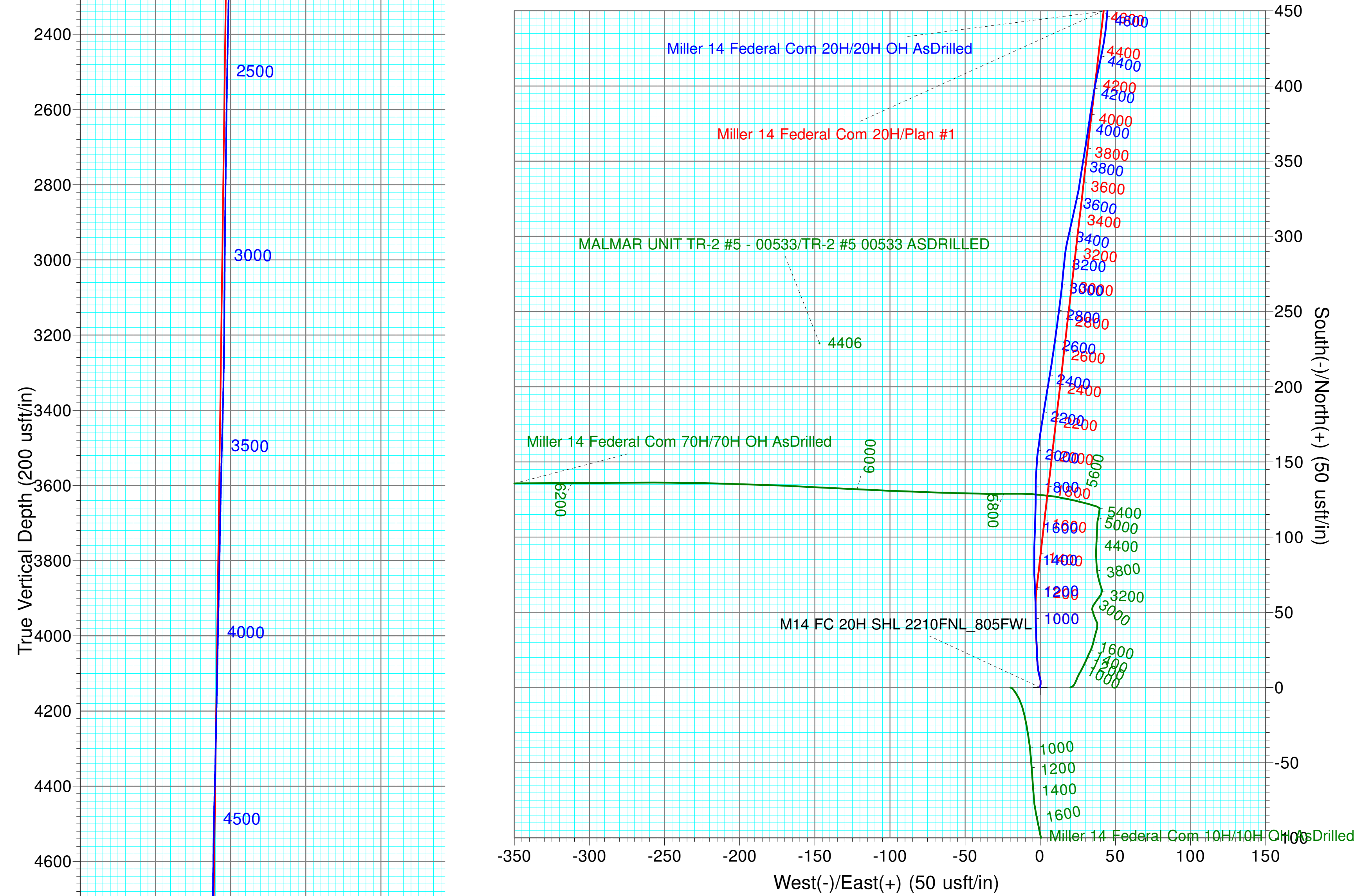
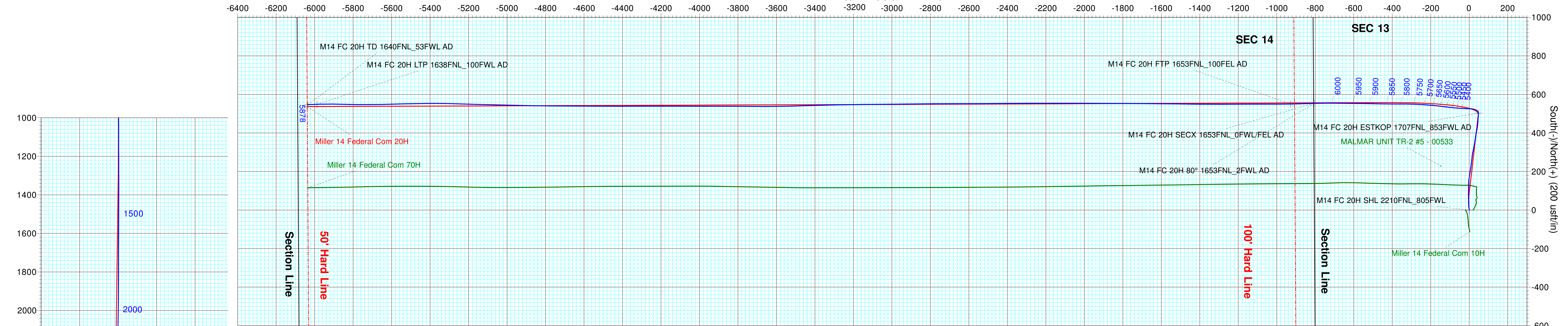
Via – Prime Solutions Services MWD

832-965-0735

Design: 20H OH AsDrilled

4107+20 @ 4127.0usft (AKITA)
NAD 1927 (NADCON CONUS)

Name	TVD	+N/-S	+E/-W	Northing	Easting
M14 FC 20H SHL 2210FNL 805FWL	0.0	0.0	0.0	668311.10	727915.40
M14 FC 20H ESTKOP 1707FNL 853FWL AD	5018.2	503.1	48.4	668814.19	727963.81
M14 FC 20H TD 1640FNL 53FWL AD	5878.0	547.3	-6035.0	668858.45	721880.43
M14 FC 20H LTP 1638FNL 100FWL AD	5881.5	548.9	-5988.1	668860.04	721927.27
M14 FC 20H PBHL 1650FNL 50FWL	5895.0	537.1	-6038.3	668848.20	721877.10
M14 FC 20H 80° 1653FNL 2FWL AD	6023.7	553.6	-806.3	668864.66	727109.10
M14 FC 20H SECX 1653FNL 0FWL/FEL AD	6024.0	553.5	-808.4	668864.61	727107.04
M14 FC 20H FTP 1653FNL 100FEL AD	6036.8	550.3	-928.3	668861.42	726987.14



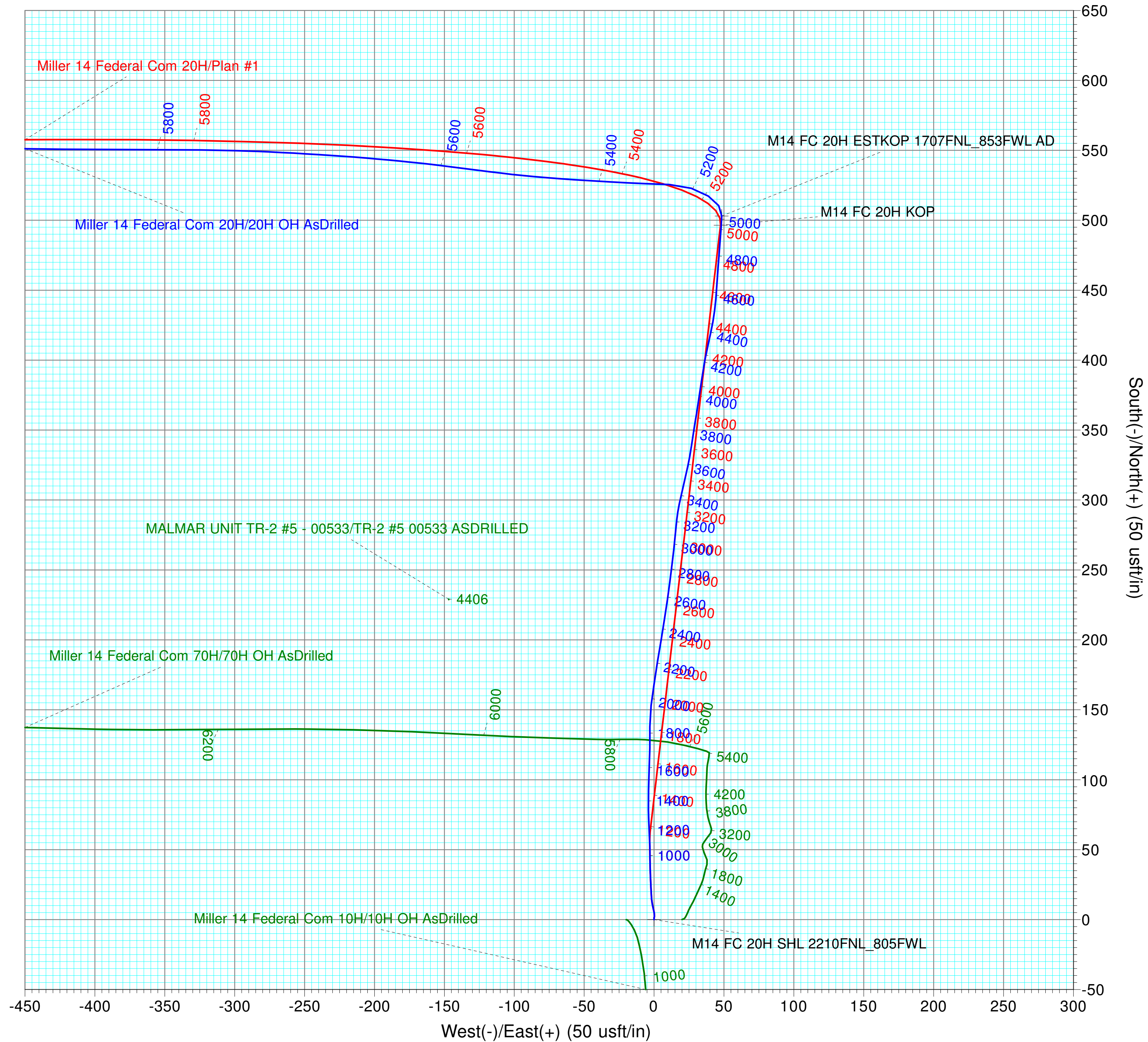
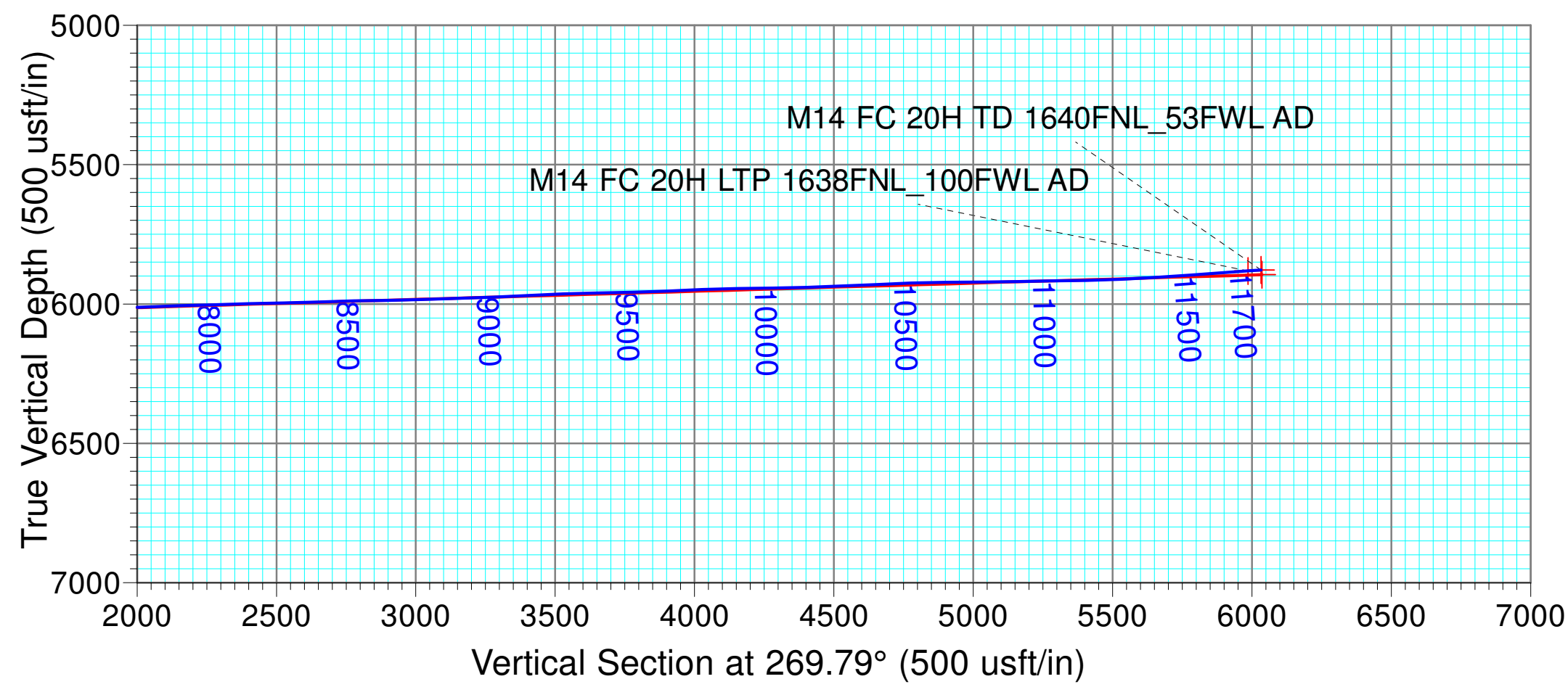
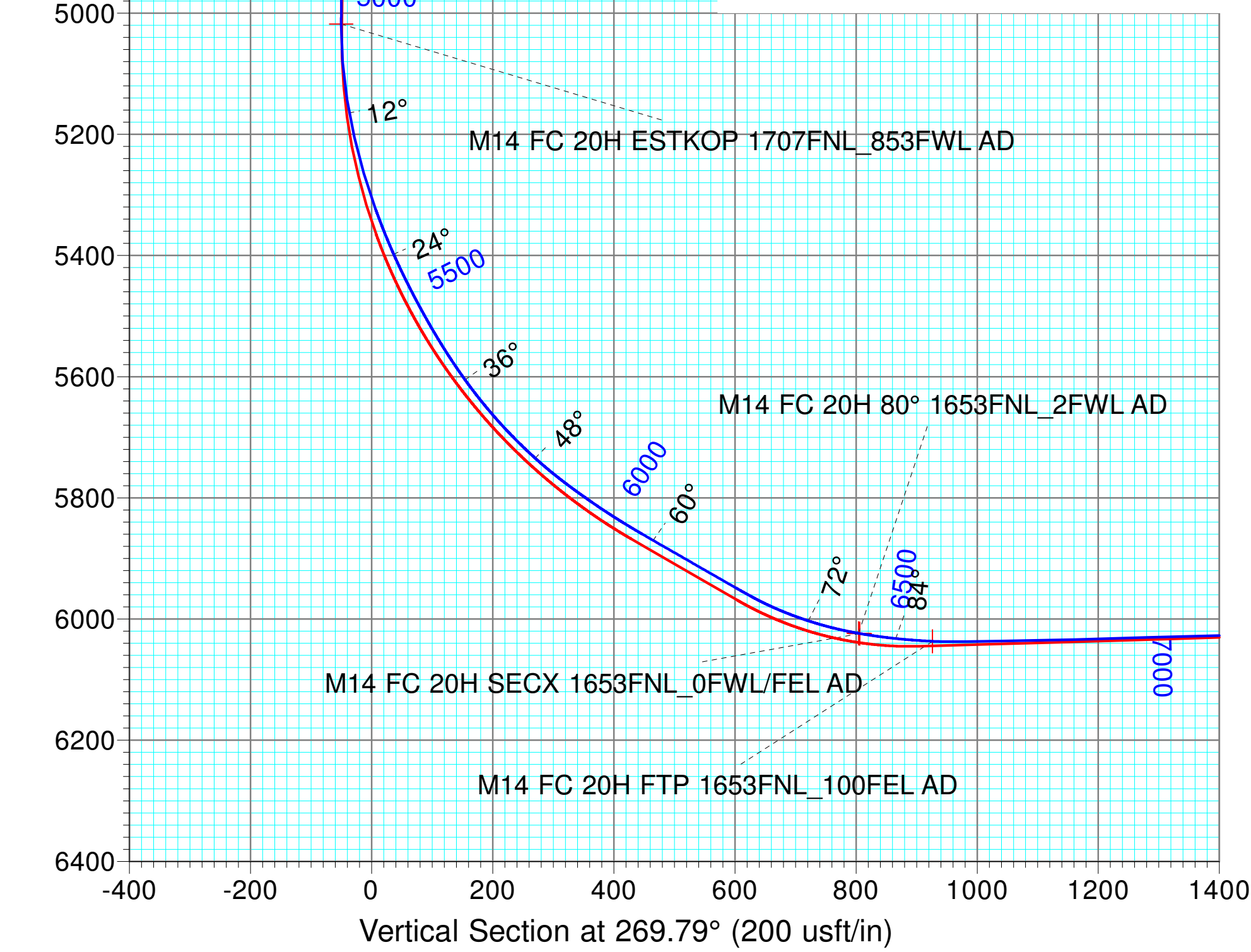
Azimuths to Grid North
True North: -0.40°
Magnetic North: 5.92°

Magnetic Field
Strength: 47565.9nT
Dip Angle: 60.58°
Date: 12/05/2024
Model: USER DEFINED

PROJECT DETAILS: Lea County, NM (NMEZ) Grid NAD83
Geodetic System: US State Plane 1927 (Exact solution)
Datum: NAD 1927 (NADCON CONUS)
Ellipsoid: Clarke 1866
Zone: New Mexico East 3001
System Datum: Mean Sea Level

To convert a Magnetic Direction to a Grid Direction, Add 5.92°

Magnetic North is 5.92° East of Grid North (Magnetic Convergence)
Magnetic North is 6.32° East of True North (Magnetic Declination)



FINAL ANNOTATIONS

MD	Inc	Azi	TVD	+N/-S	+E/-W	Annotation
5047.0	7.02	2.01	5018.2	503.1	48.4	ESTKOP 1707FNL_853FWL
6466.8	80.00	268.58	6023.7	553.6	-806.3	80° 1653FNL_2FWL
6468.9	80.14	268.57	6024.0	553.5	-808.4	SECX 1653FNL_0FWL/FEL
6589.6	87.53	268.81	6036.8	550.3	-928.3	FTP 1653FNL_100FEL
11653.0	94.20	268.06	5881.5	548.9	-5988.1	LTP 1638FNL_100FWL
11700.0	94.20	268.06	5878.0	547.4	-6035.0	TD 1640FNL_53FWL



SPUR ENERGY PARTNERS LLC.
Lea County, NM (NMEZ) Grid NAD83
Miller 14 Federal Com
Miller 14 Federal Com 20H
20H OH
20H OH AsDrilled
Created By: Mekka Williams
eSolina Well Design
mekka@esolinawelldesign.com

SPUR ENERGY PARTNERS LLC.

Lea County, NM (NMEZ) Grid NAD83

Miller 14 Federal Com

Miller 14 Federal Com 20H

20H OH

Design: 20H OH AsDrilled

Standard Survey Report

09 January, 2025

Survey Report

Company:	SPUR ENERGY PARTNERS LLC.	Local Co-ordinate Reference:	Well Miller 14 Federal Com 20H
Project:	Lea County, NM (NMEZ) Grid NAD83	TVD Reference:	4107+20 @ 4127.0usft (AKITA)
Site:	Miller 14 Federal Com	MD Reference:	4107+20 @ 4127.0usft (AKITA)
Well:	Miller 14 Federal Com 20H	North Reference:	Grid
Wellbore:	20H OH	Survey Calculation Method:	Minimum Curvature
Design:	20H OH AsDrilled	Database:	PRIME_EDM

Project	Lea County, NM (NMEZ) Grid NAD83		
Map System:	US State Plane 1927 (Exact solution)	System Datum:	Mean Sea Level
Geo Datum:	NAD 1927 (NADCON CONUS)		
Map Zone:	New Mexico East 3001		

Site	Miller 14 Federal Com		
Site Position:		Northing:	668,311.00 usft
From:	Map	Easting:	727,895.50 usft
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16 "
		Latitude:	32° 50' 6.265 N
		Longitude:	103° 35' 28.966 W
		Grid Convergence:	0.40 °

Well	Miller 14 Federal Com 20H		
Well Position	+N/-S	0.0 usft	Northing:
	+E/-W	0.0 usft	Easting:
Position Uncertainty	0.0 usft	Wellhead Elevation:	usft
		Latitude:	32° 50' 6.264 N
		Longitude:	103° 35' 28.733 W
		Ground Level:	4,107.0 usft

Wellbore	20H OH		
Magnetics	Model Name	Sample Date	Declination (°)
	IGRF2020	12/05/24	6.19
			Dip Angle (°)
			60.33
			Field Strength (nT)
			47,484.21338228

Design	20H OH AsDrilled		
Audit Notes:			
Version:	1.0	Phase:	ACTUAL
		Tie On Depth:	0.0
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)
	0.0	0.0	0.0
			Direction (°)
			269.79

Survey Program	Date	01/09/25		
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description
145.0	1,202.0	Survey #1 OH PATRIOT (20H OH)	MWD+IGRF	OWSG MWD + IGRF or WMM
1,202.0	11,638.0	Survey #2 - AKITA (20H OH)	MWD+IFR1+SAG+FDIR	OWSG MWD + IFR1 + Sag + FDIR Correction
11,700.0	11,700.0	Survey #3 (20H OH)	Projection	Projection

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
M14 FC 20H SHL 2210FNL_805FWL									
145.0	0.18	23.69	145.0	0.2	0.1	-0.1	0.12	0.12	0.00
228.0	0.31	335.27	228.0	0.5	0.0	-0.1	0.28	0.16	-58.34
314.0	0.44	13.15	314.0	1.1	0.0	0.0	0.32	0.15	44.05
409.0	0.97	8.49	409.0	2.2	0.2	-0.2	0.56	0.56	-4.91
503.0	1.85	353.64	503.0	4.5	0.2	-0.2	1.01	0.94	-15.80
598.0	3.03	343.97	597.9	8.4	-0.7	0.7	1.31	1.24	-10.18
693.0	4.84	355.13	692.6	14.9	-1.7	1.7	2.06	1.91	11.75

Survey Report

Company:	SPUR ENERGY PARTNERS LLC.	Local Co-ordinate Reference:	Well Miller 14 Federal Com 20H
Project:	Lea County, NM (NMEZ) Grid NAD83	TVD Reference:	4107+20 @ 4127.0usft (AKITA)
Site:	Miller 14 Federal Com	MD Reference:	4107+20 @ 4127.0usft (AKITA)
Well:	Miller 14 Federal Com 20H	North Reference:	Grid
Wellbore:	20H OH	Survey Calculation Method:	Minimum Curvature
Design:	20H OH AsDrilled	Database:	PRIME_EDM

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)	
787.0	5.89	358.21	786.2	23.6	-2.2	2.1	1.16	1.12	3.28	
882.0	5.93	356.62	880.7	33.4	-2.6	2.5	0.18	0.04	-1.67	
977.0	5.98	359.88	975.2	43.2	-2.9	2.8	0.36	0.05	3.43	
1,072.0	5.58	358.98	1,069.7	52.8	-3.0	2.8	0.43	-0.42	-0.95	
1,103.0	5.58	357.85	1,100.6	55.8	-3.1	2.9	0.35	0.00	-3.65	
1,284.0	4.94	357.38	1,280.8	72.4	-3.8	3.5	0.35	-0.35	-0.26	
1,346.0	6.30	359.25	1,342.5	78.5	-4.0	3.7	2.21	2.19	3.02	
1,471.0	6.79	1.07	1,466.7	92.7	-3.9	3.6	0.43	0.39	1.46	
1,595.0	6.99	2.28	1,589.8	107.6	-3.5	3.1	0.20	0.16	0.98	
1,720.0	7.01	1.31	1,713.9	122.8	-3.0	2.6	0.10	0.02	-0.78	
1,845.0	6.93	359.04	1,838.0	138.0	-3.0	2.5	0.23	-0.06	-1.82	
1,970.0	7.12	7.62	1,962.0	153.2	-2.1	1.5	0.85	0.15	6.86	
2,095.0	7.38	8.08	2,086.0	168.8	0.1	-0.7	0.21	0.21	0.37	
2,220.0	7.29	9.41	2,210.0	184.6	2.5	-3.2	0.15	-0.07	1.06	
2,345.0	7.00	9.67	2,334.0	199.9	5.1	-5.8	0.23	-0.23	0.21	
2,469.0	6.80	8.50	2,457.1	214.6	7.4	-8.2	0.20	-0.16	-0.94	
2,595.0	6.21	8.60	2,582.3	228.8	9.6	-10.4	0.47	-0.47	0.08	
2,720.0	5.76	6.95	2,706.6	241.7	11.3	-12.2	0.39	-0.36	-1.32	
2,846.0	5.30	7.39	2,832.1	253.7	12.9	-13.8	0.37	-0.37	0.35	
2,972.0	4.88	6.04	2,957.6	264.8	14.2	-15.1	0.35	-0.33	-1.07	
3,109.0	4.42	5.52	3,094.1	275.9	15.3	-16.3	0.34	-0.34	-0.38	
3,233.0	4.91	5.56	3,217.7	285.9	16.3	-17.3	0.40	0.40	0.03	
3,358.0	5.70	12.64	3,342.2	297.3	18.1	-19.2	0.82	0.63	5.66	
3,484.0	6.98	12.41	3,467.4	310.9	21.2	-22.3	1.02	1.02	-0.18	
3,608.0	6.07	12.94	3,590.6	324.6	24.2	-25.4	0.74	-0.73	0.43	
3,734.0	7.33	7.74	3,715.7	339.1	26.8	-28.1	1.11	1.00	-4.13	
3,858.0	6.57	10.21	3,838.8	353.9	29.1	-30.4	0.66	-0.61	1.99	
3,984.0	7.76	8.25	3,963.8	369.4	31.6	-33.0	0.96	0.94	-1.56	
4,109.0	7.08	8.47	4,087.8	385.4	34.0	-35.4	0.54	-0.54	0.18	
4,235.0	6.35	10.49	4,212.9	399.9	36.4	-37.9	0.61	-0.58	1.60	
4,359.0	6.02	13.03	4,336.2	413.0	39.1	-40.6	0.35	-0.27	2.05	
4,485.0	7.39	10.42	4,461.3	427.4	42.1	-43.6	1.11	1.09	-2.07	
4,610.0	8.25	4.57	4,585.2	444.2	44.2	-45.9	0.94	0.69	-4.68	
4,735.0	8.01	3.91	4,708.9	461.9	45.5	-47.2	0.21	-0.19	-0.53	
4,860.0	7.71	4.30	4,832.7	478.9	46.8	-48.5	0.24	-0.24	0.31	
4,985.0	7.41	4.23	4,956.6	495.3	48.0	-49.8	0.24	-0.24	-0.06	
5,047.0	7.02	2.01	5,018.2	503.1	48.4	-50.3	0.77	-0.63	-3.58	
ESTKOP 1707FNL_853FWL										
5,056.4	6.94	356.47	5,027.5	504.2	48.4	-50.2	7.19	-0.84	-58.79	
M14 FC 20H KOP										
5,110.0	7.70	326.45	5,080.7	510.5	46.2	-48.1	7.19	1.42	-56.03	
5,173.0	11.06	303.35	5,142.8	517.3	38.8	-40.7	7.91	5.33	-36.67	
5,236.0	13.72	287.61	5,204.4	522.9	26.7	-28.6	6.79	4.22	-24.98	
5,298.0	16.24	272.74	5,264.3	525.5	11.0	-12.9	7.38	4.06	-23.98	

Survey Report

Company:	SPUR ENERGY PARTNERS LLC.	Local Co-ordinate Reference:	Well Miller 14 Federal Com 20H
Project:	Lea County, NM (NMEZ) Grid NAD83	TVD Reference:	4107+20 @ 4127.0usft (AKITA)
Site:	Miller 14 Federal Com	MD Reference:	4107+20 @ 4127.0usft (AKITA)
Well:	Miller 14 Federal Com 20H	North Reference:	Grid
Wellbore:	20H OH	Survey Calculation Method:	Minimum Curvature
Design:	20H OH AsDrilled	Database:	PRIME_EDM

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
5,360.0	20.00	272.08	5,323.2	526.3	-8.3	6.4	6.07	6.06	-1.06
5,423.0	23.08	273.46	5,381.8	527.5	-31.4	29.4	4.95	4.89	2.19
5,486.0	26.40	273.43	5,439.0	529.0	-57.7	55.8	5.27	5.27	-0.05
5,548.0	28.96	275.36	5,493.9	531.3	-86.4	84.5	4.37	4.13	3.11
5,610.0	31.94	277.23	5,547.4	534.7	-117.6	115.7	5.04	4.81	3.02
5,672.0	35.49	277.09	5,598.9	539.0	-151.8	149.8	5.73	5.73	-0.23
5,735.0	39.70	275.21	5,648.8	543.1	-190.0	188.0	6.93	6.68	-2.98
5,797.0	44.00	273.91	5,695.0	546.4	-231.2	229.2	7.07	6.94	-2.10
5,859.0	48.35	272.66	5,737.9	548.9	-275.8	273.8	7.17	7.02	-2.02
5,921.0	53.12	270.57	5,777.2	550.3	-323.8	321.8	8.12	7.69	-3.37
5,981.0	55.81	270.08	5,812.0	550.5	-372.6	370.6	4.53	4.48	-0.82
6,040.0	58.68	270.51	5,843.9	550.8	-422.2	420.2	4.90	4.86	0.73
6,071.0	59.82	271.00	5,859.8	551.1	-448.9	446.9	3.92	3.68	1.58
6,101.0	60.08	270.97	5,874.8	551.6	-474.8	472.8	0.87	0.87	-0.10
6,130.0	60.14	270.89	5,889.3	552.0	-500.0	498.0	0.32	0.21	-0.28
6,160.0	60.17	270.98	5,904.2	552.4	-526.0	524.0	0.28	0.10	0.30
6,189.0	60.08	270.81	5,918.6	552.8	-551.1	549.1	0.60	-0.31	-0.59
6,219.0	60.18	270.67	5,933.6	553.1	-577.2	575.1	0.52	0.33	-0.47
6,249.0	60.30	270.65	5,948.5	553.4	-603.2	601.2	0.40	0.40	-0.07
6,280.0	61.59	270.63	5,963.5	553.7	-630.3	628.3	4.16	4.16	-0.06
6,340.0	68.15	270.91	5,989.0	554.5	-684.6	682.5	10.94	10.93	0.47
6,401.0	73.84	269.49	6,008.8	554.7	-742.2	740.2	9.58	9.33	-2.33
6,462.0	79.69	268.61	6,022.8	553.7	-801.6	799.5	9.69	9.59	-1.44
6,466.8	80.00	268.58	6,023.7	553.6	-806.3	804.3	6.54	6.52	-0.56
80° 1653FNL_2FWL									
6,468.9	80.14	268.57	6,024.0	553.5	-808.4	806.3	6.54	6.52	-0.55
SECX 1653FNL_0FWL/FEL									
6,522.0	83.60	268.28	6,031.5	552.1	-860.9	858.9	6.54	6.52	-0.55
6,570.3	86.40	268.61	6,035.7	550.8	-909.0	907.0	5.84	5.80	0.67
M14 FC 20H FTP 1650FNL_100FEL									
6,583.0	87.14	268.69	6,036.4	550.5	-921.7	919.6	5.84	5.80	0.67
6,589.6	87.53	268.81	6,036.8	550.3	-928.3	926.2	6.17	5.88	1.86
FTP 1653FNL_100FEL									
6,644.0	90.73	269.82	6,037.6	549.7	-982.6	980.6	6.17	5.89	1.85
6,705.0	91.20	270.15	6,036.6	549.7	-1,043.6	1,041.6	0.94	0.77	0.54
6,825.0	91.31	269.81	6,033.9	549.6	-1,163.6	1,161.6	0.30	0.09	-0.28
6,946.0	91.96	269.69	6,030.5	549.1	-1,284.6	1,282.5	0.55	0.54	-0.10
7,064.0	91.11	270.63	6,027.3	549.4	-1,402.5	1,400.5	1.07	-0.72	0.80
7,187.0	91.40	270.74	6,024.6	550.9	-1,525.5	1,523.4	0.25	0.24	0.09
7,313.0	91.20	270.35	6,021.8	552.1	-1,651.4	1,649.4	0.35	-0.16	-0.31
7,439.0	91.51	270.35	6,018.8	552.8	-1,777.4	1,775.4	0.25	0.25	0.00
7,564.0	91.56	270.12	6,015.4	553.4	-1,902.4	1,900.3	0.19	0.04	-0.18
7,690.0	92.43	270.38	6,011.0	553.9	-2,028.3	2,026.2	0.72	0.69	0.21
7,816.0	91.28	269.70	6,007.0	554.0	-2,154.2	2,152.2	1.06	-0.91	-0.54

Survey Report

Company:	SPUR ENERGY PARTNERS LLC.	Local Co-ordinate Reference:	Well Miller 14 Federal Com 20H
Project:	Lea County, NM (NMEZ) Grid NAD83	TVD Reference:	4107+20 @ 4127.0usft (AKITA)
Site:	Miller 14 Federal Com	MD Reference:	4107+20 @ 4127.0usft (AKITA)
Well:	Miller 14 Federal Com 20H	North Reference:	Grid
Wellbore:	20H OH	Survey Calculation Method:	Minimum Curvature
Design:	20H OH AsDrilled	Database:	PRIME_EDM

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)
7,940.0	92.66	270.19	6,002.7	553.9	-2,278.1	2,276.1	1.18	1.11	0.40
8,066.0	90.56	269.53	5,999.2	553.6	-2,404.1	2,402.0	1.75	-1.67	-0.52
8,191.0	91.48	269.49	5,996.9	552.5	-2,529.0	2,527.0	0.74	0.74	-0.03
8,316.0	92.55	270.08	5,992.5	552.0	-2,654.0	2,651.9	0.98	0.86	0.47
8,442.0	90.75	269.63	5,988.9	551.7	-2,779.9	2,777.9	1.47	-1.43	-0.36
8,567.0	90.87	269.21	5,987.2	550.4	-2,904.9	2,902.8	0.35	0.10	-0.34
8,692.0	91.82	269.61	5,984.2	549.2	-3,029.8	3,027.8	0.82	0.76	0.32
8,818.0	92.07	269.23	5,979.9	547.9	-3,155.8	3,153.7	0.36	0.20	-0.30
8,943.0	92.44	268.93	5,975.0	545.9	-3,280.7	3,278.6	0.38	0.30	-0.24
9,068.0	92.49	268.42	5,969.6	543.0	-3,405.5	3,403.5	0.41	0.04	-0.41
9,194.0	92.49	267.90	5,964.2	539.0	-3,531.3	3,529.3	0.41	0.00	-0.41
9,318.0	90.92	270.65	5,960.5	537.4	-3,655.2	3,653.2	2.55	-1.27	2.22
9,444.0	91.48	270.22	5,957.8	538.3	-3,781.2	3,779.2	0.56	0.44	-0.34
9,568.0	92.24	270.04	5,953.8	538.6	-3,905.1	3,903.1	0.63	0.61	-0.15
9,694.0	92.69	270.02	5,948.4	538.7	-4,031.0	4,029.0	0.36	0.36	-0.02
9,819.0	90.67	270.18	5,944.7	538.9	-4,156.0	4,154.0	1.62	-1.62	0.13
9,942.0	90.87	269.80	5,943.1	538.9	-4,278.9	4,276.9	0.35	0.16	-0.31
10,067.0	91.85	270.01	5,940.1	538.7	-4,403.9	4,401.9	0.80	0.78	0.17
10,193.0	92.41	270.30	5,935.4	539.0	-4,529.8	4,527.8	0.50	0.44	0.23
10,318.0	92.46	270.40	5,930.1	539.8	-4,654.7	4,652.7	0.09	0.04	0.08
10,444.0	92.38	270.26	5,924.8	540.5	-4,780.6	4,778.6	0.13	-0.06	-0.11
10,570.0	90.08	271.47	5,922.1	542.4	-4,906.5	4,904.5	2.06	-1.83	0.96
10,696.0	90.36	271.20	5,921.6	545.3	-5,032.5	5,030.5	0.31	0.22	-0.21
10,821.0	91.15	271.70	5,920.0	548.5	-5,157.5	5,155.4	0.75	0.63	0.40
10,947.0	91.15	271.63	5,917.4	552.2	-5,283.4	5,281.3	0.06	0.00	-0.06
11,071.0	90.59	269.69	5,915.6	553.6	-5,407.3	5,405.3	1.63	-0.45	-1.56
11,195.0	92.80	268.44	5,911.9	551.6	-5,531.3	5,529.2	2.05	1.78	-1.01
11,321.0	93.50	268.27	5,905.0	548.0	-5,657.0	5,655.0	0.57	0.56	-0.13
11,446.0	94.12	271.18	5,896.7	547.4	-5,781.7	5,779.7	2.38	0.50	2.33
11,570.0	94.26	271.17	5,887.6	549.9	-5,905.4	5,903.3	0.11	0.11	-0.01
11,638.0	94.20	268.06	5,882.6	549.4	-5,973.2	5,971.1	4.56	-0.09	-4.57
11,652.6	94.20	268.06	5,881.5	549.0	-5,987.7	5,985.6	0.00	0.00	0.00
M14 FC 20H LTP 1650FNL_100FWL									
11,653.0	94.20	268.06	5,881.5	548.9	-5,988.1	5,986.1	0.00	0.00	0.00
LTP 1638FNL_100FWL									
11,700.0	94.20	268.06	5,878.0	547.4	-6,035.0	6,032.9	0.00	0.00	0.00
TD 1640FNL_53FWL - M14 FC 20H PBHL 1650FNL_50FWL									

Survey Report

Company:	SPUR ENERGY PARTNERS LLC.	Local Co-ordinate Reference:	Well Miller 14 Federal Com 20H
Project:	Lea County, NM (NMEZ) Grid NAD83	TVD Reference:	4107+20 @ 4127.0usft (AKITA)
Site:	Miller 14 Federal Com	MD Reference:	4107+20 @ 4127.0usft (AKITA)
Well:	Miller 14 Federal Com 20H	North Reference:	Grid
Wellbore:	20H OH	Survey Calculation Method:	Minimum Curvature
Design:	20H OH AsDrilled	Database:	PRIME_EDM

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
M14 FC 20H SHL 2210F - actual wellpath hits target center - Point	0.00	0.00	0.0	0.0	0.0	668,311.10	727,915.40	32° 50' 6.264 N	103° 35' 28.733 W
M14 FC 20H ESTKOP 1 - actual wellpath hits target center - Point	0.00	0.00	5,018.2	503.1	48.4	668,814.19	727,963.81	32° 50' 11.239 N	103° 35' 28.124 W
M14 FC 20H TD 1640FM - actual wellpath hits target center - Point	0.00	0.00	5,878.0	547.3	-6,035.0	668,858.45	721,880.43	32° 50' 12.094 N	103° 36' 39.417 W
M14 FC 20H LTP 1638F - actual wellpath hits target center - Point	0.00	0.00	5,881.5	548.9	-5,988.1	668,860.04	721,927.27	32° 50' 12.106 N	103° 36' 38.868 W
M14 FC 20H PBHL 165C - actual wellpath misses target center by 20.1usft at 11700.0usft MD (5878.0 TVD, 547.4 N, -6035.0 E) - Point	0.00	0.01	5,895.0	537.1	-6,038.3	668,848.20	721,877.10	32° 50' 11.993 N	103° 36' 39.457 W
M14 FC 20H 80° 1653FI - actual wellpath hits target center - Point	0.00	0.00	6,023.7	553.6	-806.3	668,864.66	727,109.10	32° 50' 11.797 N	103° 35' 38.137 W
M14 FC 20H SECX 165C - actual wellpath hits target center - Point	0.00	0.00	6,024.0	553.5	-808.4	668,864.61	727,107.04	32° 50' 11.797 N	103° 35' 38.161 W
M14 FC 20H FTP 1653F - actual wellpath hits target center - Point	0.00	0.00	6,036.8	550.3	-928.3	668,861.42	726,987.14	32° 50' 11.774 N	103° 35' 39.567 W

Design Annotations					
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates			
		+N/-S (usft)	+E/-W (usft)	Comment	
5,047.0	5,018.2	503.1	48.4	ESTKOP 1707FNL_853FWL	
6,466.8	6,023.7	553.6	-806.3	80° 1653FNL_2FWL	
6,468.9	6,024.0	553.5	-808.4	SECX 1653FNL_0FWL/FEL	
6,589.6	6,036.8	550.3	-928.3	FTP 1653FNL_100FEL	
11,653.0	5,881.5	548.9	-5,988.1	LTP 1638FNL_100FWL	
11,700.0	5,878.0	547.4	-6,035.0	TD 1640FNL_53FWL	

Checked By: _____	Approved By: _____	Date: _____
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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: MILLER 14 FEDERAL COM 20H	Property Code: 335617
Mineral Owner: ☐ State ☒ Fee ☐ Tribal ☒ Federal	API Number: 30-0 25-52663
Pool Name: MALJAMAR; YESO, WEST	Pool Code: 44500

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:	E	13	17S	32E		2210	NORTH	805	WEST	LEA
BHL	E	14	17S	32E		1640	NORTH	53	WEST	LEA

Section 3 – Completion Information

Date T.D. Reached 01/06/2025	Total Measured Depth of Well 11700'M/5878'V	Acid Volume (bbls) 775	☒ Directional Survey Submitted ☐ Deviation Survey Submitted
Date Rig Released 01/08/2025	Plug-Back Measured Depth 11654'M/5878'V	Completion Fluid Used (bbls) 293,581	Were Logs Ran (Y/N) YES
Completion Date 03/05/2025	Perforations (MD and TVD) 6603'-11632' / 6037'-5882'	Completion Proppant Used (lbs) 5,003,003	List Type of Logs Ran if applicable: GAMMA AND MUD

Section 4 – Action IDs for Submissions and Order Numbers

Surface Casing Action ID: 404994	UIC Permit/Order (UIC wells only) ☐ Yes ☒ No, Order No.
Intermediate 1 Casing Action ID: 421976	NOI Recomplete Action ID (if applicable):
Intermediate 2 Casing Action ID:	NOI Plugback Action ID (if applicable):
Production Casing Action ID: 421976	Cement Squeeze Action ID (if applicable):
Tubing Action ID: 448718	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 03/31/2025	Production Method PUMPING ON ESP	Well Status PRODUCING	Gas – Oil Ratio
Date of Test 05/08/2025	Choke Size N/A	Flowing Tubing Pressure 82	Casing Pressure 48
24 hr Oil (bbls) 357	24 hr Gas (MCF) 423	24 hr Water (bbls) 2694	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: _____

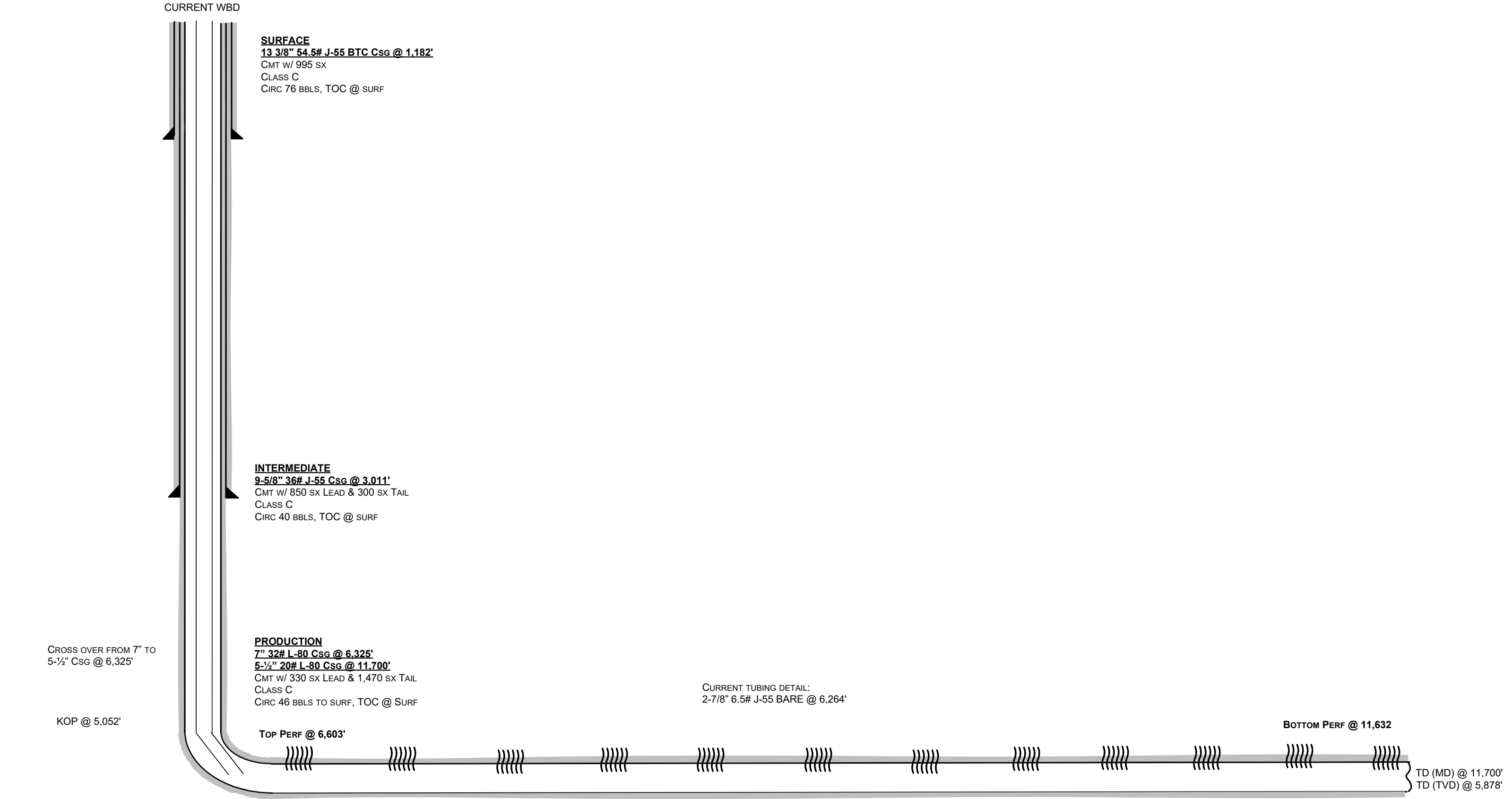
Section 7 - Operator Signature and Certification

☒ 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 SUBMIT 3160-4 WITHIN 10-DAYS OF BLM APPROVAL	
Title REGULATORY DIRECTOR	Date 06/10/2025

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	1276'	1276'	N/A	T. Nacimiento			
B. Salt				T. Ojo Alamo			
T. Yates	2455'	2455'	N/A	T. Kirtland			
T. 7 Rivers	2815'	2815'	O/G	T. Fruitland			
T. Queen	3425'	3425'	O/G	T. Pictured Cliffs			
T. Grayburg	3875'	3875'	O/G	T. Lewis Shale			
T. San Andres	4200'	4173'	O/G	T. Chacra			
T. Glorieta	5860'	5745'	O/G	T. Cliff House			
T. Yeso				T. Menefee			
T. Paddock	6000'	5870'	O/G	T. Point Lookout			
T. Blinebry	DID NOT PENETRATE			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							

Lea County, NM
API# 30-025-52663

SPUD DATE: 12/26/2024
ELEV: 4,107' GL, 20' KB



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 473205

ACKNOWLEDGMENTS

Operator: Spur Energy Partners LLC 9655 Katy Freeway Houston, TX 77024	OGRID: 328947
	Action Number: 473205
	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

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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 473205

CONDITIONS

Operator: Spur Energy Partners LLC 9655 Katy Freeway Houston, TX 77024	OGRID: 328947
	Action Number: 473205
	Action Type: [C-104] Completion Packet - New Well (C-104NW)

CONDITIONS

Created By	Condition	Condition Date
plmartinez	File 3160-4 within 10 days of BLM Approval.	10/15/2025
plmartinez	Going forward C-104 Section 3 Ready Date and C-105 Section 3 Completion Date should reflect the same date.	10/15/2025