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

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 10H	Property Code: 335617
Mineral Owner: ☐ State ☒ Fee ☐ Tribal ☒ Federal	API Number: 30-0 25-52662
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	785' FWL	32.8347729	-103.725740	LEA

Section 3 – Completion Information

Producing Method	Ready Date	Perforations MD	Perforations TVD
PUMPING ON ESP	03/25/2025	6538'-11576'	6001'-5853'

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: 404998	Unit: ☐Yes ☒No, Order No.
Intermediate 1 Casing Action ID: 443379	Compulsory Pooling: ☒Yes ☐No, Order No. R-22612
Intermediate 2 Casing Action ID:	Down Hole Commingling: ☐Yes ☒No, Order No.
Production Casing Action ID: 428235	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 448716	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 Sarah Chapman

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	Pool Code	Pool Name	
30-025-52662	44500	MALJAMAR; YESO, WEST	
Property Code: 335617	Property Name: MILLER 14 FEDERAL COM		Well Number: 10H ST01
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	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
E	13	17S	32E		2210 FNL	785 FWL	32.8357389°N	103.7259410°W	LEA

Bottom Hole Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
E	14	17S	32E		2524 FNL	63 FWL	32.8349057°N	103.7454813°W	LEA

Dedicated Acres	Infill or Defining Well	Defining Well API	Overlapping Spacing Unit (Y/N)	Consolidation Code
320	DEFINING		N	C & F
Order Numbers. R-22612			Well setbacks are under Common Ownership: ☒Yes ☐No	

Kick Off Point (KOP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
E	13	17S	32E		2561 FNL	846 FWL	32.8347729°N	103.7257402°W	LEA

First Take Point (FTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
H	14	17S	32E		2529 FNL	114 FEL	32.8348655°N	103.7288671°W	LEA

Last Take Point (LTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
E	14	17S	32E		2525 FNL	132 FWL	32.8349034°N	103.7452571°W	LEA

Unitized Area or Area of Uniform Interest	Spacing Unit Type ☒Horizontal ☐Vertical	Ground Floor Elevation:
Y		4107' GR

OPERATOR CERTIFICATIONS

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.

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.

Sarah Chapman 03/27/2025

Signature Date

SARAH CHAPMAN

Printed Name

SCHAPMAN@SPURENERGY.COM

Email Address

SURVEYOR CERTIFICATIONS

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.

DALE E. BELL NEW MEXICO 14400 03/27/2025 PROFESSIONAL SURVEYOR

Signature and Seal of Professional Surveyor

Certificate Number	Date of Survey
14400	03/12/2025

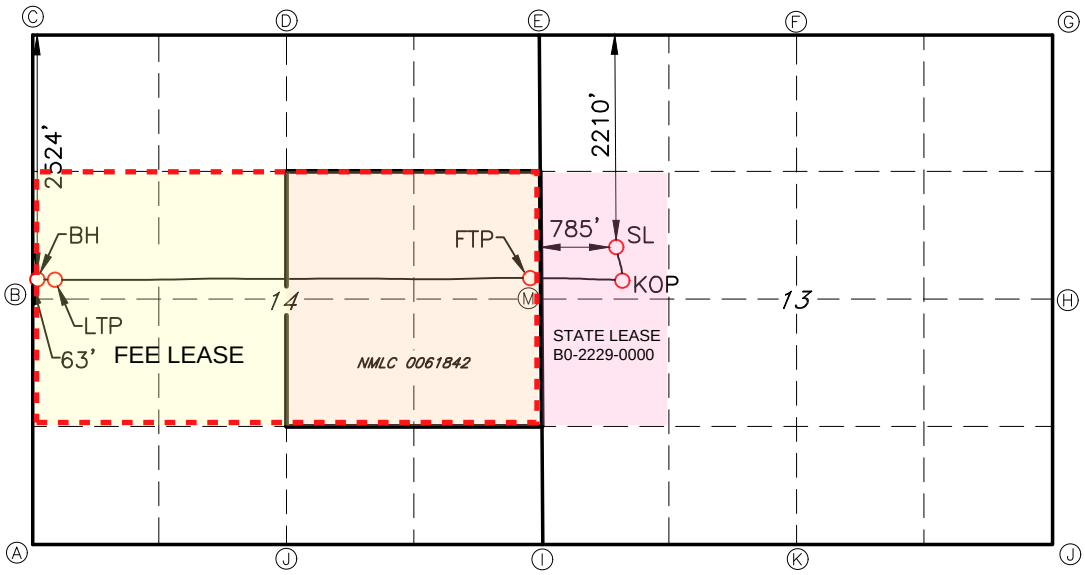
Note: No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

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 10H ST01



GEODETIC DATA
NAD 83 GRID – NM EAST

SURFACE LOCATION (SL)
N: 668311.0 – E: 727895.5

LAT: 32.8357389° N
LONG: 103.7259410° W

KICK OFF POINT (KOP)
N: 667959.9 – E: 727959.2

LAT: 32.8347729° N
LONG: 103.7257402° W
MD=4976.0 – TVD=4961.2

FIRST TAKE POINT (FTP)
N: 667988.1 – E: 726998.5

LAT: 32.8348655° N
LONG: 103.7288671° W
MD=6538.0 – TVD=6001.1

LAST TAKE POINT (LTP)
N: 667973.5 – E: 721964.2

LAT: 32.8349034° N
LONG: 103.7452571° W
MD=11576.0 – TVD=5852.5

BOTTOM HOLE (BH)
N: 667973.9 – E: 721895.4

LAT: 32.8349057° N
LONG: 103.7454813° W
MD= 11645.0 – TVD=5848.4

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

JOB #: LS23010059AC

February 3th , 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 10H
POOLS:[44500] MALJAMAR;YESO, WEST
LEA COUNTY, NM
API Number: 30-025-52662

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:1398'MD– 11602' MD projection to 11664'MD
Date Performed: 1/8/2025 – 1/15/2025
Type of Survey: Directional Survey – MWD/IFR1

Sidetrack:

Surveyed Depths:4913'MD– 11572' MD projection to 11645'MD
Date Performed: 1/25/2025 – 1/31/2025
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 Servies

Sincerely,

Chris Rust

Quantum Oilfield Services

Via – Prime Solutions Services MWD

832-965-0735

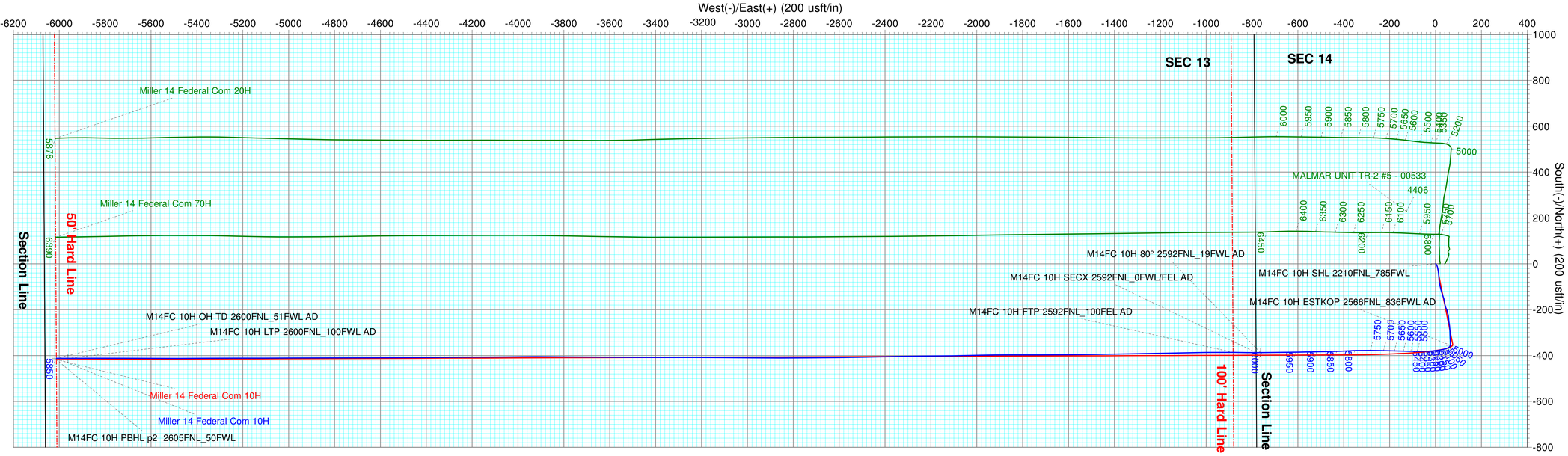
SPUR ENERGY PARTNERS LLC.

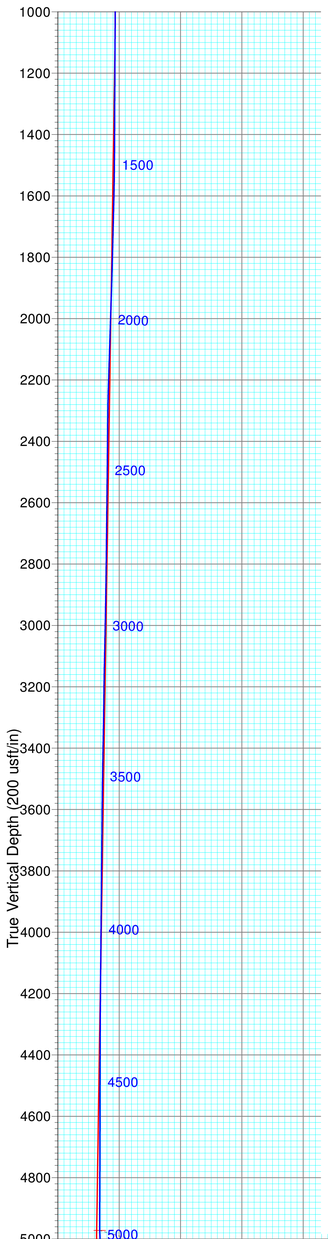
Project: Lea County, NM (NMEZ) Grid NAD83
Site: Miller 14 Federal Com
Well: Miller 14 Federal Com 10H
Wellbore: 10H OH
Design: 10H OH AsDrilled

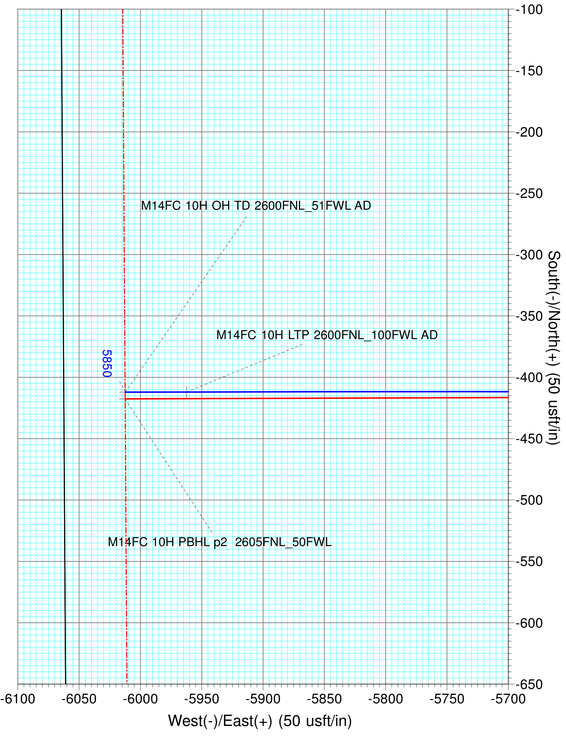
4107+20 @ 4127.0usft (AKITA)
NAD 1927 (NADCON CONUS)

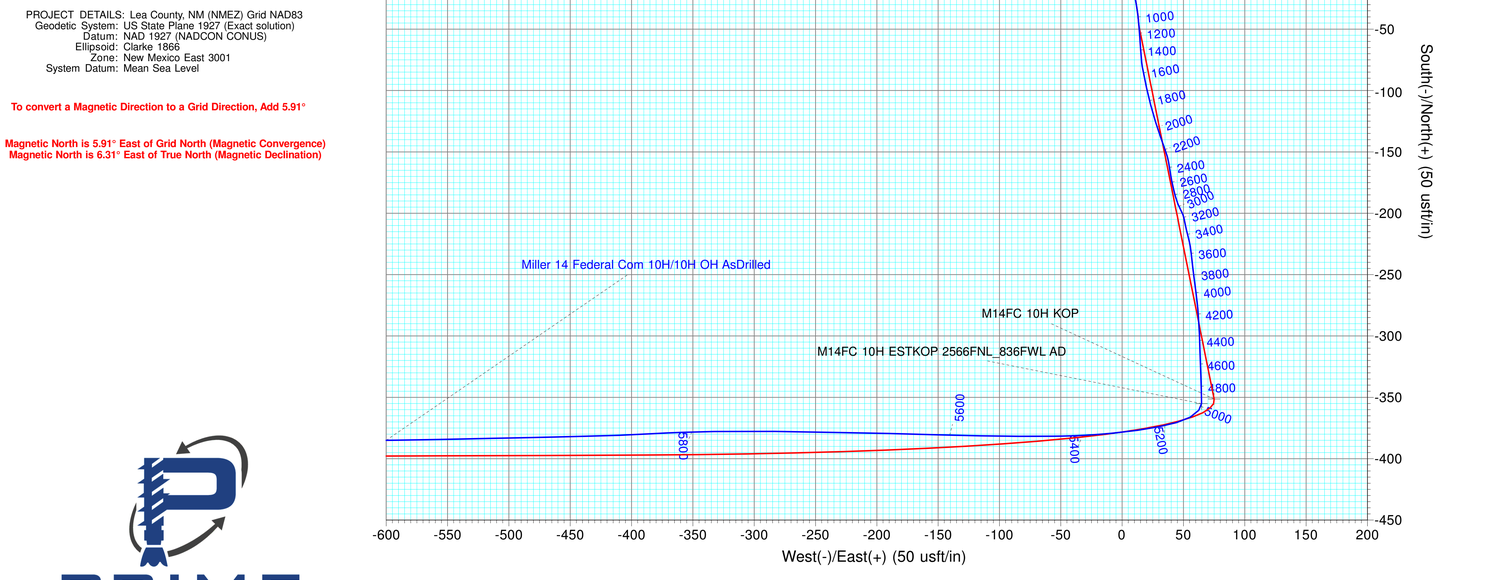
TARGET DETAILS

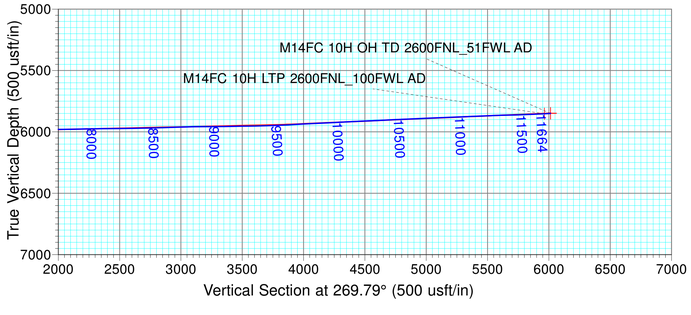
Name	TVD	+N/-S	+E/-W	Northing	Easting
M14FC 10H SHL 2210FNL_785FWL	0.0	0.0	0.0	668311.00	727895.50
M14FC 10H ESTKOP 2566FNL_836FWL AD	4971.9	-355.1	64.8	667955.95	727960.27
M14FC 10H PBHL p2 2605FNL_50FWL	5847.7	-417.6	-6012.4	667893.40	721883.10
M14FC 10H OH TD 2600FNL_51FWL AD	5850.4	-412.1	-6012.2	667898.91	721883.29
M14FC 10H LTP 2600FNL_100FWL AD	5852.7	-412.0	-5962.3	667898.99	721933.24
M14FC 10H 80° 2592FNL_19FWL AD	6001.0	-387.0	-762.9	667924.04	727132.57
M14FC 10H SECX 2592FNL_0FWL/FEL AD	6004.1	-387.0	-782.2	667923.98	727113.31
M14FC 10H FTP 2592FNL_100FEL AD	6008.9	-386.0	-882.4	667924.97	727013.06











Azimuths to Grid North
True North: -0.40°
Magnetic North: 5.91°

Magnetic Field
Strength: 47556.0nT
Dip Angle: 60.58°
Date: 01/06/2025
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 5.91°

Magnetic North is 5.91° East of Grid North (Magnetic Convergence)
Magnetic North is 6.31° East of True North (Magnetic Declination)

FINAL ANNOTATIONS - OH

MD	Inc	Azi	TVD	+N/-S	+E/-W	Annotation
4987.0	4.46	179.75	4971.9	-355.0	64.8	ESTKOP 2566FNL_836FWL
6411.0	80.00	269.68	6001.0	-387.0	-762.9	80° 2592FNL_19FWL
6430.5	82.05	269.95	6004.1	-387.0	-782.2	SECX 2592FNL_0FWL/FEL
6531.0	92.30	271.08	6008.9	-386.0	-882.4	FTP 2592FNL_100FEL
11614.0	92.58	269.91	5852.7	-412.0	-5962.3	LTP - 2600FNL_100FWL
11664.0	92.58	269.91	5850.4	-412.1	-6012.2	OH TD - 2600FNL_51FWL

SPUR ENERGY PARTNERS LLC.
Lea County, NM (NMEZ) Grid NAD83
Miller 14 Federal Com
Miller 14 Federal Com 10H
10H OH
10H OH AsDrilled
Created By: Mekka Williams
eSomina Well Design
mekka@esominawelldesign.com

eSomina WELL DESIGN

SPUR ENERGY PARTNERS LLC.

Lea County, NM (NMEZ) Grid NAD83
Miller 14 Federal Com
Miller 14 Federal Com 10H

10H OH

Design: 10H OH AsDrilled

Standard Survey Report

03 February, 2025

Survey Report

Company:	SPUR ENERGY PARTNERS LLC.	**Local Co-ordinate Reference:**	Well Miller 14 Federal Com 10H
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 10H	**North Reference:**	Grid
Wellbore:	10H OH	**Survey Calculation Method:**	Minimum Curvature
Design:	10H 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	**Latitude:**	32° 50' 6.265 N
From:	Map	**Easting:**	727,895.50 usft	**Longitude:**	103° 35' 28.966 W
Position Uncertainty:	0.0 usft	**Slot Radius:**	13-3/16 "	**Grid Convergence:**	0.40 °

Well Miller 14 Federal Com 10H

Well Position	**+N/-S**	0.0 usft	**Northing:**	668,311.00 usft	**Latitude:**	32° 50' 6.265 N
	+E/-W	0.0 usft	**Easting:**	727,895.50 usft	**Longitude:**	103° 35' 28.966 W
Position Uncertainty		0.0 usft	**Wellhead Elevation:**	usft	**Ground Level:**	4,107.0 usft

Wellbore 10H OH

Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	User Defined	01/06/25	6.31	60.58	47,556.00000000

Design 10H 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)	Direction (°)
	0.0	0.0	0.0	269.79

Survey Program **Date** 02/03/25

From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description
145.0	1,091.0	Survey #1 OH PATRIOT (10H OH)	MWD+IGRF	OWSG MWD + IGRF or WMM
1,220.0	11,602.0	Survey #2 - AKITA (10H OH)	MWD+IFR1+SAG+FDIR	OWSG MWD + IFR1 + Sag + FDIR Correction
11,664.0	11,664.0	Survey #3 (10H 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
M14FC 10H SHL 2210FNL_785FWL									
145.0	0.26	84.43	145.0	0.0	0.3	-0.3	0.18	0.18	0.00
228.0	0.66	119.85	228.0	-0.2	0.9	-0.9	0.57	0.48	42.67
314.0	1.41	141.82	314.0	-1.3	2.0	-2.0	0.97	0.87	25.55
409.0	1.93	146.83	408.9	-3.5	3.6	-3.6	0.57	0.55	5.27
503.0	3.25	151.84	502.8	-7.2	5.7	-5.7	1.42	1.40	5.33
598.0	3.69	163.88	597.7	-12.5	7.9	-7.8	0.89	0.46	12.67
693.0	4.22	166.52	692.4	-18.8	9.5	-9.4	0.59	0.56	2.78

Survey Report

Company:	SPUR ENERGY PARTNERS LLC.	**Local Co-ordinate Reference:**	Well Miller 14 Federal Com 10H
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 10H	**North Reference:**	Grid
Wellbore:	10H OH	**Survey Calculation Method:**	Minimum Curvature
Design:	10H 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	4.09	170.12	786.2	-25.5	10.9	-10.8	0.31	-0.14	3.83
882.0	3.87	171.61	881.0	-32.0	11.9	-11.8	0.26	-0.23	1.57
977.0	3.96	172.14	975.7	-38.4	12.9	-12.7	0.10	0.09	0.56
1,040.0	3.65	176.18	1,038.6	-42.6	13.3	-13.1	0.65	-0.49	6.41
1,072.0	3.60	174.60	1,070.5	-44.6	13.5	-13.3	0.35	-0.16	-4.94
1,091.0	3.87	174.60	1,089.5	-45.8	13.6	-13.4	1.42	1.42	0.00
1,274.0	3.59	176.19	1,272.1	-57.7	14.5	-14.3	0.16	-0.15	0.87
1,398.0	4.60	176.82	1,395.8	-66.5	15.1	-14.8	0.82	0.81	0.51
1,524.0	5.33	173.28	1,521.3	-77.4	16.0	-15.8	0.63	0.58	-2.81
1,587.0	6.51	169.11	1,584.0	-83.8	17.1	-16.7	1.99	1.87	-6.62
1,712.0	6.66	167.42	1,708.2	-97.9	20.0	-19.6	0.20	0.12	-1.35
1,836.0	6.44	165.63	1,831.4	-111.6	23.3	-22.9	0.24	-0.18	-1.44
1,963.0	6.43	162.40	1,957.6	-125.3	27.2	-26.7	0.29	-0.01	-2.54
2,089.0	5.43	160.92	2,082.9	-137.6	31.3	-30.8	0.80	-0.79	-1.17
2,214.0	5.30	159.79	2,207.3	-148.7	35.2	-34.6	0.13	-0.10	-0.90
2,338.0	3.85	170.49	2,330.9	-158.1	37.9	-37.3	1.35	-1.17	8.63
2,465.0	3.57	171.11	2,457.7	-166.2	39.2	-38.6	0.22	-0.22	0.49
2,589.0	3.30	168.30	2,581.4	-173.6	40.5	-39.9	0.26	-0.22	-2.27
2,714.0	2.95	167.82	2,706.3	-180.2	41.9	-41.2	0.28	-0.28	-0.38
2,839.0	2.79	164.27	2,831.1	-186.3	43.4	-42.7	0.19	-0.13	-2.84
2,969.0	3.02	158.79	2,960.9	-192.5	45.5	-44.8	0.28	0.18	-4.22
3,111.0	2.50	149.08	3,102.8	-198.7	48.4	-47.7	0.49	-0.37	-6.84
3,236.0	3.56	169.21	3,227.6	-204.8	50.6	-49.8	1.19	0.85	16.10
3,361.0	4.61	166.42	3,352.3	-213.5	52.5	-51.7	0.85	0.84	-2.23
3,486.0	3.93	165.93	3,476.9	-222.6	54.7	-53.9	0.54	-0.54	-0.39
3,611.0	5.59	174.72	3,601.5	-232.8	56.3	-55.4	1.45	1.33	7.03
3,736.0	4.88	172.31	3,726.0	-244.1	57.6	-56.7	0.59	-0.57	-1.93
3,862.0	4.26	172.69	3,851.6	-254.1	58.9	-58.0	0.49	-0.49	0.30
3,986.0	4.04	172.58	3,975.2	-263.0	60.0	-59.1	0.18	-0.18	-0.09
4,112.0	4.85	173.46	4,100.9	-272.7	61.2	-60.2	0.65	0.64	0.70
4,236.0	6.29	176.51	4,224.3	-284.6	62.2	-61.2	1.19	1.16	2.46
4,361.0	6.11	176.92	4,348.5	-298.1	63.0	-61.9	0.15	-0.14	0.33
4,485.0	5.51	178.71	4,471.9	-310.7	63.5	-62.4	0.51	-0.48	1.44
4,609.0	5.32	177.93	4,595.4	-322.4	63.8	-62.6	0.16	-0.15	-0.63
4,735.0	5.20	177.85	4,720.8	-333.9	64.3	-63.0	0.10	-0.10	-0.06
4,861.0	4.80	178.49	4,846.3	-344.9	64.6	-63.3	0.32	-0.32	0.51
4,987.0	4.46	179.75	4,971.9	-355.0	64.8	-63.5	0.28	-0.27	1.00
ESTKOP 2566FNL_836FWL									
5,001.9	4.81	191.42	4,986.8	-356.2	64.6	-63.3	6.74	2.35	78.30
M14FC 10H KOP									
5,050.0	6.88	216.48	5,034.6	-360.5	62.5	-61.2	6.74	4.30	52.10
5,113.0	9.85	241.78	5,097.0	-366.1	55.5	-54.2	7.40	4.71	40.16
5,175.0	12.27	253.60	5,157.8	-370.5	44.5	-43.2	5.33	3.90	19.06
5,238.0	15.21	259.05	5,219.0	-373.9	30.0	-28.6	5.09	4.67	8.65

Survey Report

Company:	SPUR ENERGY PARTNERS LLC.	**Local Co-ordinate Reference:**	Well Miller 14 Federal Com 10H
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 10H	**North Reference:**	Grid
Wellbore:	10H OH	**Survey Calculation Method:**	Minimum Curvature
Design:	10H 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)
5,300.0	17.82	261.88	5,278.5	-376.8	12.6	-11.2	4.40	4.21	4.56
5,362.0	20.35	264.69	5,337.1	-379.2	-7.5	8.9	4.34	4.08	4.53
5,426.0	22.52	266.91	5,396.6	-380.9	-30.8	32.2	3.62	3.39	3.47
5,488.0	25.51	269.21	5,453.3	-381.7	-56.0	57.4	5.05	4.82	3.71
5,550.0	28.48	270.62	5,508.5	-381.7	-84.2	85.6	4.90	4.79	2.27
5,613.0	32.06	270.74	5,562.9	-381.3	-115.9	117.3	5.68	5.68	0.19
5,676.0	36.43	271.90	5,615.0	-380.5	-151.4	152.8	7.01	6.94	1.84
5,739.0	41.97	271.25	5,663.8	-379.4	-191.1	192.5	8.82	8.79	-1.03
5,802.0	47.85	270.88	5,708.4	-378.6	-235.6	237.0	9.34	9.33	-0.59
5,865.0	50.82	271.04	5,749.4	-377.8	-283.4	284.8	4.72	4.71	0.25
5,927.0	54.21	268.94	5,787.1	-377.8	-332.6	333.9	6.09	5.47	-3.39
5,989.0	57.84	266.98	5,821.8	-379.7	-383.9	385.3	6.41	5.85	-3.16
6,020.0	58.98	267.86	5,838.0	-380.9	-410.3	411.7	4.40	3.68	2.84
6,051.0	59.31	268.54	5,853.9	-381.7	-436.9	438.3	2.16	1.06	2.19
6,081.0	60.01	268.68	5,869.1	-382.3	-462.8	464.2	2.37	2.33	0.47
6,111.0	60.18	268.76	5,884.0	-382.9	-488.8	490.2	0.61	0.57	0.27
6,141.0	60.25	268.85	5,898.9	-383.4	-514.8	516.2	0.35	0.23	0.30
6,171.0	60.26	268.92	5,913.8	-384.0	-540.9	542.3	0.21	0.03	0.23
6,200.0	60.67	268.82	5,928.1	-384.5	-566.1	567.5	1.45	1.41	-0.34
6,230.0	62.33	269.23	5,942.4	-384.9	-592.4	593.9	5.66	5.53	1.37
6,290.0	68.09	268.90	5,967.6	-385.8	-646.9	648.3	9.61	9.60	-0.55
6,351.0	73.84	269.55	5,987.5	-386.6	-704.5	705.9	9.48	9.43	1.07
6,410.0	79.89	269.67	6,000.9	-387.0	-762.0	763.4	10.26	10.25	0.20
6,411.0	80.00	269.68	6,001.0	-387.0	-762.9	764.3	10.62	10.53	1.37
80° 2592FNL_19FWL									
6,430.5	82.05	269.95	6,004.1	-387.0	-782.2	783.6	10.62	10.53	1.36
SECX 2592FNL_0FWL/FEL									
6,470.0	86.21	270.48	6,008.1	-386.9	-821.5	822.9	10.62	10.53	1.34
6,530.0	92.30	271.10	6,008.9	-386.0	-881.4	882.8	10.20	10.15	1.03
6,530.7	92.30	271.08	6,008.9	-386.0	-882.2	883.6	2.08	-0.07	-2.08
M14FC 10H FTP 2605FNL_100FEL									
6,531.0	92.30	271.08	6,008.9	-386.0	-882.4	883.8	2.08	-0.07	-2.08
FTP 2592FNL_100FEL									
6,648.0	92.21	268.65	6,004.3	-386.3	-999.3	1,000.7	2.08	-0.08	-2.08
6,770.0	92.69	269.01	5,999.0	-388.8	-1,121.2	1,122.6	0.49	0.39	0.30
6,892.0	90.81	268.91	5,995.3	-391.0	-1,243.1	1,244.5	1.54	-1.54	-0.08
7,013.0	90.87	269.02	5,993.5	-393.2	-1,364.1	1,365.5	0.10	0.05	0.09
7,134.0	91.37	269.21	5,991.2	-395.1	-1,485.0	1,486.5	0.44	0.41	0.16
7,255.0	90.95	269.54	5,988.7	-396.4	-1,606.0	1,607.5	0.44	-0.35	0.27
7,381.0	91.40	269.85	5,986.1	-397.1	-1,732.0	1,733.4	0.43	0.36	0.25
7,506.0	91.77	270.15	5,982.7	-397.1	-1,856.9	1,858.4	0.38	0.30	0.24
7,632.0	90.42	268.71	5,980.3	-398.3	-1,982.9	1,984.3	1.57	-1.07	-1.14
7,757.0	90.98	268.99	5,978.8	-400.8	-2,107.9	2,109.3	0.50	0.45	0.22
7,882.0	91.65	269.59	5,975.9	-402.4	-2,232.8	2,234.3	0.72	0.54	0.48

Survey Report

Company:	SPUR ENERGY PARTNERS LLC.	**Local Co-ordinate Reference:**	Well Miller 14 Federal Com 10H
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 10H	**North Reference:**	Grid
Wellbore:	10H OH	**Survey Calculation Method:**	Minimum Curvature
Design:	10H 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)
8,007.0	90.08	268.60	5,974.0	-404.3	-2,357.8	2,359.3	1.48	-1.26	-0.79
8,132.0	90.48	268.94	5,973.4	-407.0	-2,482.8	2,484.2	0.42	0.32	0.27
8,257.0	91.12	269.34	5,971.6	-408.9	-2,607.7	2,609.2	0.60	0.51	0.32
8,382.0	91.40	269.62	5,968.9	-410.0	-2,732.7	2,734.2	0.32	0.22	0.22
8,506.0	91.51	269.82	5,965.7	-410.6	-2,856.7	2,858.1	0.18	0.09	0.16
8,631.0	92.30	270.74	5,961.6	-410.0	-2,981.6	2,983.1	0.97	0.63	0.74
8,756.0	90.56	270.28	5,958.5	-408.9	-3,106.5	3,108.0	1.44	-1.39	-0.37
8,881.0	90.50	270.08	5,957.3	-408.5	-3,231.5	3,233.0	0.17	-0.05	-0.16
9,006.0	90.70	270.18	5,956.0	-408.2	-3,356.5	3,358.0	0.18	0.16	0.08
9,132.0	90.81	270.03	5,954.3	-408.0	-3,482.5	3,484.0	0.15	0.09	-0.12
9,259.0	91.20	270.35	5,952.1	-407.6	-3,609.5	3,611.0	0.40	0.31	0.25
9,384.0	91.37	270.64	5,949.3	-406.5	-3,734.5	3,735.9	0.27	0.14	0.23
9,510.0	93.84	270.44	5,943.6	-405.3	-3,860.3	3,861.8	1.97	1.96	-0.16
9,635.0	92.63	269.38	5,936.5	-405.5	-3,985.1	3,986.6	1.29	-0.97	-0.85
9,759.0	92.69	269.60	5,930.8	-406.6	-4,109.0	4,110.4	0.18	0.05	0.18
9,884.0	92.89	269.60	5,924.7	-407.5	-4,233.8	4,235.3	0.16	0.16	0.00
10,010.0	92.69	269.60	5,918.6	-408.4	-4,359.7	4,361.1	0.16	-0.16	0.00
10,134.0	92.63	269.64	5,912.8	-409.2	-4,483.5	4,485.0	0.06	-0.05	0.03
10,259.0	92.58	269.89	5,907.1	-409.7	-4,608.4	4,609.9	0.20	-0.04	0.20
10,383.0	92.66	269.80	5,901.5	-410.0	-4,732.3	4,733.7	0.10	0.06	-0.07
10,507.0	92.72	269.90	5,895.6	-410.4	-4,856.1	4,857.6	0.09	0.05	0.08
10,632.0	92.44	269.76	5,890.0	-410.7	-4,981.0	4,982.5	0.25	-0.22	-0.11
10,757.0	92.38	269.79	5,884.8	-411.2	-5,105.9	5,107.4	0.05	-0.05	0.02
10,882.0	92.33	269.94	5,879.6	-411.5	-5,230.8	5,232.3	0.13	-0.04	0.12
11,007.0	92.13	269.83	5,874.8	-411.8	-5,355.7	5,357.2	0.18	-0.16	-0.09
11,132.0	92.44	269.76	5,869.8	-412.2	-5,480.6	5,482.1	0.25	0.25	-0.06
11,257.0	91.54	270.35	5,865.4	-412.1	-5,605.5	5,607.0	0.86	-0.72	0.47
11,381.0	91.40	270.10	5,862.2	-411.6	-5,729.5	5,730.9	0.23	-0.11	-0.20
11,507.0	92.77	269.78	5,857.7	-411.7	-5,855.4	5,856.8	1.12	1.09	-0.25
11,602.0	92.58	269.91	5,853.2	-412.0	-5,950.3	5,951.7	0.24	-0.20	0.14
11,614.0	92.58	269.91	5,852.7	-412.0	-5,962.3	5,963.7	0.00	0.00	0.00
LTP - 2600FNL_100FWL - M14FC 10H LTP 2605FNL_100FWL									
11,664.0	92.58	269.91	5,850.4	-412.1	-6,012.2	6,013.7	0.00	0.00	0.00
OH TD - 2600FNL_51FWL - M14FC 10H PBHL p2 2605FNL_50FWL									

Survey Report

Company:	SPUR ENERGY PARTNERS LLC.	**Local Co-ordinate Reference:**	Well Miller 14 Federal Com 10H
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 10H	**North Reference:**	Grid
Wellbore:	10H OH	**Survey Calculation Method:**	Minimum Curvature
Design:	10H 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
M14FC 10H SHL 2210F - actual wellpath hits target center - Point	0.00	0.00	0.0	0.0	0.0	668,311.00	727,895.50	32° 50' 6.265 N	103° 35' 28.966 W
M14FC 10H ESTKOP 2 - actual wellpath hits target center - Point	0.00	0.01	4,971.9	-355.0	64.8	667,955.95	727,960.27	32° 50' 2.747 N	103° 35' 28.237 W
M14FC 10H PBHL p2 2 - actual wellpath misses target center by 6.2usft at 11664.0usft MD (5850.4 TVD, -412.1 N, -6012.2 E) - Point	0.00	0.00	5,847.7	-417.6	-6,012.4	667,893.40	721,883.10	32° 50' 2.545 N	103° 36' 39.463 W
M14FC 10H OH TD 260 - actual wellpath hits target center - Point	0.00	0.00	5,850.4	-412.1	-6,012.2	667,898.91	721,883.29	32° 50' 2.599 N	103° 36' 39.460 W
M14FC 10H LTP 2600F - actual wellpath hits target center - Point	0.00	0.00	5,852.7	-412.0	-5,962.3	667,898.99	721,933.24	32° 50' 2.597 N	103° 36' 38.875 W
M14FC 10H 80° 2592F - actual wellpath hits target center - Point	0.00	0.00	6,001.0	-387.0	-762.9	667,924.04	727,132.57	32° 50' 2.489 N	103° 35' 37.939 W
M14FC 10H SECX 2592 - actual wellpath hits target center - Point	0.00	0.00	6,004.1	-387.0	-782.2	667,923.98	727,113.31	32° 50' 2.489 N	103° 35' 38.165 W
M14FC 10H FTP 2592F - actual wellpath hits target center - Point	0.00	0.00	6,008.9	-386.0	-882.4	667,924.97	727,013.06	32° 50' 2.506 N	103° 35' 39.340 W

Design Annotations

Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates +N/-S (usft)	Local Coordinates +E/-W (usft)	Comment
4,987.0	4,971.9	-355.0	64.8	ESTKOP 2566FNL_836FWL
6,411.0	6,001.0	-387.0	-762.9	80° 2592FNL_19FWL
6,430.5	6,004.1	-387.0	-782.2	SECX 2592FNL_0FWL/FEL
6,531.0	6,008.9	-386.0	-882.4	FTP 2592FNL_100FEL
11,614.0	5,852.7	-412.0	-5,962.3	LTP - 2600FNL_100FWL
11,664.0	5,850.4	-412.1	-6,012.2	OH TD - 2600FNL_51FWL

Checked By: _____ Approved By: _____ Date: _____

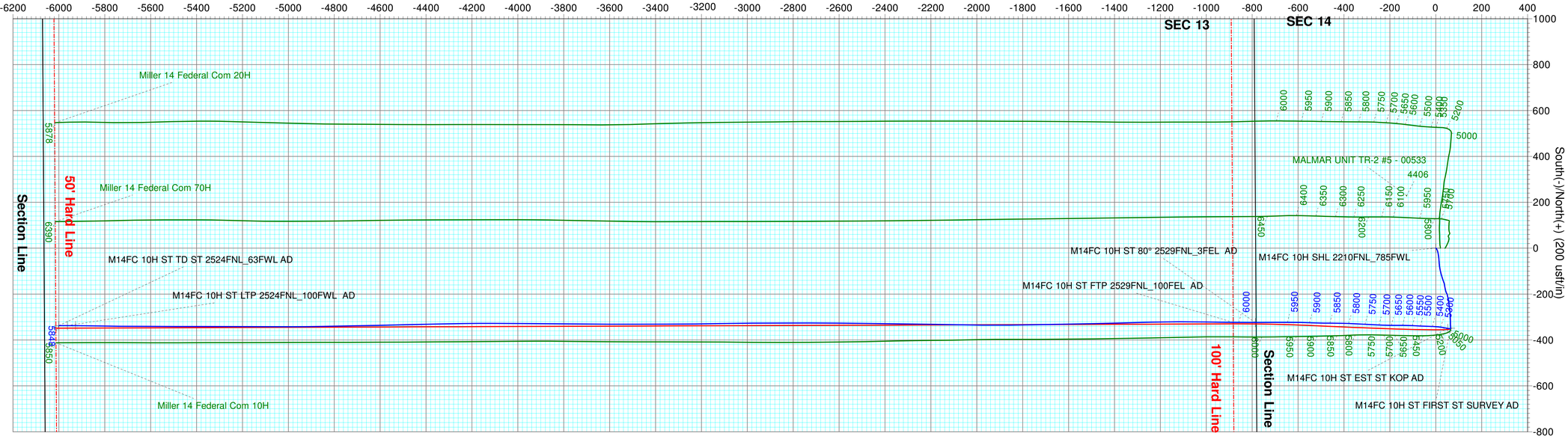
SPUR ENERGY PARTNERS LLC.

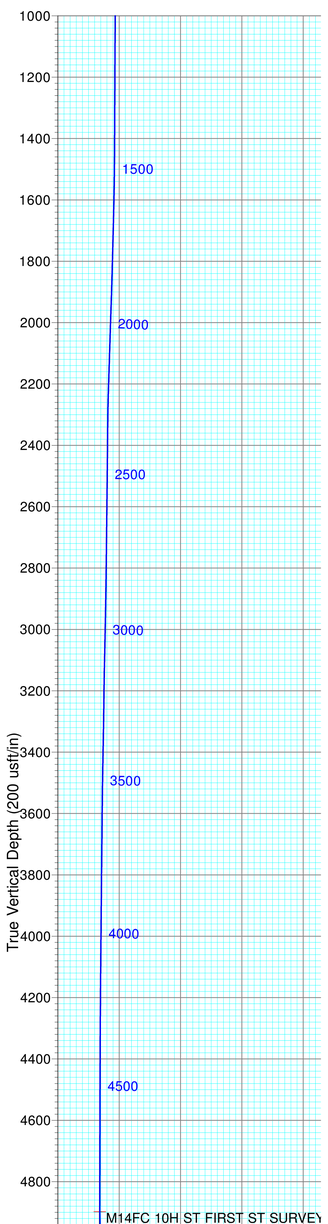
Project: Lea County, NM (NMEZ) Grid NAD83
Site: Miller 14 Federal Com
Well: Miller 14 Federal Com 10H
Wellbore: 10H ST
Design: 10H ST AsDrilled

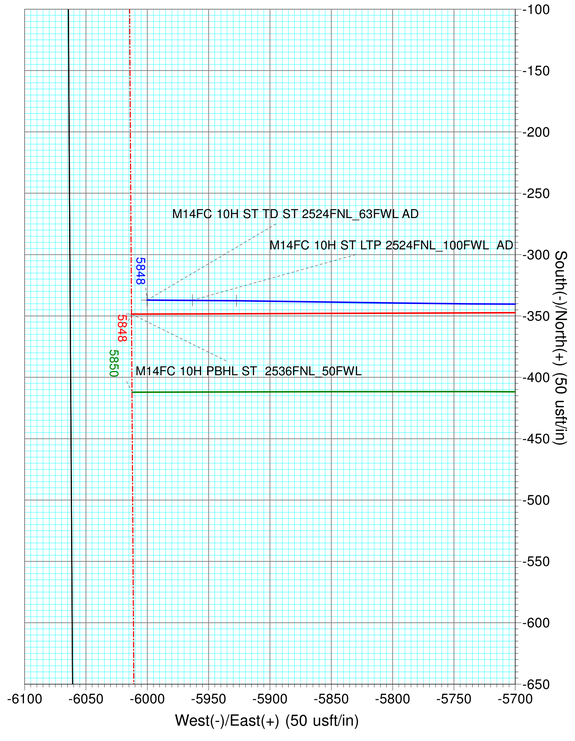
4107+20 @ 4127.0usft (AKITA)
NAD 1927 (NADCON CONUS)

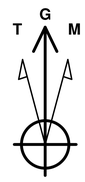
TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Northing	Easting
M14FC 10H SHL 2210FNL_785FWL	0.0	0.0	0.0	668311.00	727895.50
M14FC 10H ST FIRST ST SURVEY AD	4898.2	-348.7	64.5	667962.28	727960.00
M14FC 10H ST EST ST KOP AD	5147.7	-349.0	52.1	667961.97	727947.55
M14FC 10H PBHL ST 2536FNL_50FWL	5847.6	-348.5	-6012.7	667962.50	721882.80
M14FC 10H ST TD ST 2524FNL_63FWL AD	5848.4	-337.1	-6000.1	667973.90	721895.36
M14FC 10H ST LTP 2524FNL_100FWL AD	5850.3	-337.2	-5963.2	667973.81	721932.31
M14FC 10H ST LSTSVY	5852.7	-337.6	-5927.3	667973.40	721968.20
M14FC 10H ST 80° 2529FNL_3FEL AD	5989.4	-323.9	-786.4	667987.15	727109.13
M14FC 10H ST FTP 2529FNL_100FEL AD	6002.5	-323.1	-883.0	667987.93	727012.55









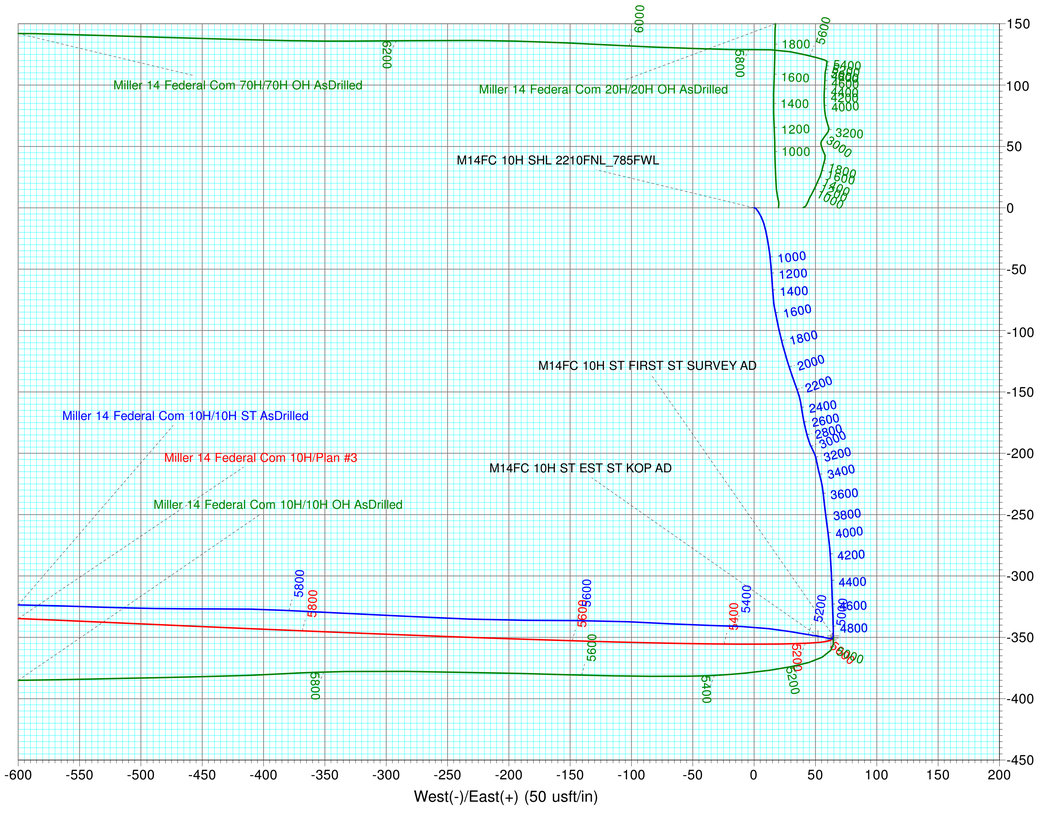
Azimuths to Grid North
True North: -0.40°
Magnetic North: 5.91°

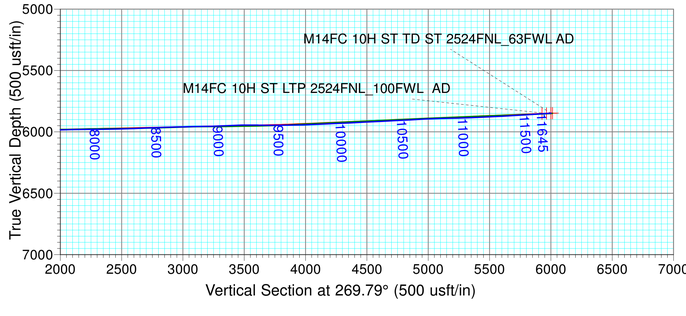
Magnetic Field
Strength: 47556.0nT
Dip Angle: 60.58°
Date: 01/06/2025
Model: USER DEFINED

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 5.91°

Magnetic North is 5.91° East of Grid North (Magnetic Convergence)
Magnetic North is 6.31° East of True North (Magnetic Declination)





FINAL ANNOTATIONS - ST

MD	Inc	Azi	TVD	+N/-S	+E/-W	Annotation
4913.0	3.69	185.66	4898.2	-348.7	64.5	FIRST ST SURVEY
5163.0	7.41	279.37	5147.7	-349.0	52.0	EST ST KOP
6426.5	80.00	269.74	5989.4	-323.9	-786.4	80° 2529FNL_3FEL
6524.0	85.32	270.68	6002.5	-323.1	-883.0	FTP 2529FNL_100FEL
11608.0	93.42	270.37	5850.3	-337.2	-5963.2	LTP 2524FNL_100FWL
11645.0	92.58	269.91	5848.4	-337.1	-6000.1	TD ST 2524FNL_63FWL

SPUR ENERGY PARTNERS LLC.
Lea County, NM (NMEZ) Grid NAD83
Miller 14 Federal Com
Miller 14 Federal Com 10H
10H ST
10H ST AsDrilled
Created By: Mekka Williams
eSomina Well Design
mekka@esominawelldesign.com

SPUR ENERGY PARTNERS LLC.

Lea County, NM (NMEZ) Grid NAD83
Miller 14 Federal Com
Miller 14 Federal Com 10H

10H ST

Design: 10H ST AsDrilled

Standard Survey Report

03 February, 2025

Survey Report

Company:	SPUR ENERGY PARTNERS LLC.	**Local Co-ordinate Reference:**	Well Miller 14 Federal Com 10H
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 10H	**North Reference:**	Grid
Wellbore:	10H ST	**Survey Calculation Method:**	Minimum Curvature
Design:	10H ST 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	**Latitude:**	32° 50' 6.265 N
From:	Map	**Easting:**	727,895.50 usft	**Longitude:**	103° 35' 28.966 W
Position Uncertainty:	0.0 usft	**Slot Radius:**	13-3/16 "	**Grid Convergence:**	0.40 °

Well Miller 14 Federal Com 10H

Well Position	**+N/-S**	0.0 usft	**Northing:**	668,311.00 usft	**Latitude:**	32° 50' 6.265 N
	+E/-W	0.0 usft	**Easting:**	727,895.50 usft	**Longitude:**	103° 35' 28.966 W
Position Uncertainty		0.0 usft	**Wellhead Elevation:**	usft	**Ground Level:**	4,107.0 usft

Wellbore 10H ST

Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	User Defined	01/06/25	6.31	60.58	47,556.00000000

Design 10H ST AsDrilled

Audit Notes:

Version:	1.0	**Phase:**	ACTUAL	**Tie On Depth:**	4,861.0

Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)
	0.0	0.0	0.0	269.79

Survey Program **Date** 02/03/25

From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description
145.0	1,091.0	Survey #1 OH PATRIOT (10H OH)	MWD+IGRF	OWSG MWD + IGRF or WMM
1,220.0	4,861.0	Survey #2 - AKITA (10H OH)	MWD+IFR1+SAG+FDIR	OWSG MWD + IFR1 + Sag + FDIR Correction
4,913.0	11,572.0	Survey #1 Akita (10H ST)	MWD+IFR1+SAG+FDIR	OWSG MWD + IFR1 + Sag + FDIR Correction
11,645.0	11,645.0	Survey #2 (10H ST)	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
M14FC 10H SHL 2210FNL_785FWL									
145.0	0.26	84.43	145.0	0.0	0.3	-0.3	0.18	0.18	0.00
228.0	0.66	119.85	228.0	-0.2	0.9	-0.9	0.57	0.48	42.67
314.0	1.41	141.82	314.0	-1.3	2.0	-2.0	0.97	0.87	25.55
409.0	1.93	146.83	408.9	-3.5	3.6	-3.6	0.57	0.55	5.27
503.0	3.25	151.84	502.8	-7.2	5.7	-5.7	1.42	1.40	5.33
598.0	3.69	163.88	597.7	-12.5	7.9	-7.8	0.89	0.46	12.67

Survey Report

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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 10H	**North Reference:**	Grid
Wellbore:	10H ST	**Survey Calculation Method:**	Minimum Curvature
Design:	10H ST 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)
693.0	4.22	166.52	692.4	-18.8	9.5	-9.4	0.59	0.56	2.78
787.0	4.09	170.12	786.2	-25.5	10.9	-10.8	0.31	-0.14	3.83
882.0	3.87	171.61	881.0	-32.0	11.9	-11.8	0.26	-0.23	1.57
977.0	3.96	172.14	975.7	-38.4	12.9	-12.7	0.10	0.09	0.56
1,040.0	3.65	176.18	1,038.6	-42.6	13.3	-13.1	0.65	-0.49	6.41
1,072.0	3.60	174.60	1,070.5	-44.6	13.5	-13.3	0.35	-0.16	-4.94
1,091.0	3.87	174.60	1,089.5	-45.8	13.6	-13.4	1.42	1.42	0.00
1,274.0	3.59	176.19	1,272.1	-57.7	14.5	-14.3	0.16	-0.15	0.87
1,398.0	4.60	176.82	1,395.8	-66.5	15.1	-14.8	0.82	0.81	0.51
1,524.0	5.33	173.28	1,521.3	-77.4	16.0	-15.8	0.63	0.58	-2.81
1,587.0	6.51	169.11	1,584.0	-83.8	17.1	-16.7	1.99	1.87	-6.62
1,712.0	6.66	167.42	1,708.2	-97.9	20.0	-19.6	0.20	0.12	-1.35
1,836.0	6.44	165.63	1,831.4	-111.6	23.3	-22.9	0.24	-0.18	-1.44
1,963.0	6.43	162.40	1,957.6	-125.3	27.2	-26.7	0.29	-0.01	-2.54
2,089.0	5.43	160.92	2,082.9	-137.6	31.3	-30.8	0.80	-0.79	-1.17
2,214.0	5.30	159.79	2,207.3	-148.7	35.2	-34.6	0.13	-0.10	-0.90
2,338.0	3.85	170.49	2,330.9	-158.1	37.9	-37.3	1.35	-1.17	8.63
2,465.0	3.57	171.11	2,457.7	-166.2	39.2	-38.6	0.22	-0.22	0.49
2,589.0	3.30	168.30	2,581.4	-173.6	40.5	-39.9	0.26	-0.22	-2.27
2,714.0	2.95	167.82	2,706.3	-180.2	41.9	-41.2	0.28	-0.28	-0.38
2,839.0	2.79	164.27	2,831.1	-186.3	43.4	-42.7	0.19	-0.13	-2.84
2,969.0	3.02	158.79	2,960.9	-192.5	45.5	-44.8	0.28	0.18	-4.22
3,111.0	2.50	149.08	3,102.8	-198.7	48.4	-47.7	0.49	-0.37	-6.84
3,236.0	3.56	169.21	3,227.6	-204.8	50.6	-49.8	1.19	0.85	16.10
3,361.0	4.61	166.42	3,352.3	-213.5	52.5	-51.7	0.85	0.84	-2.23
3,486.0	3.93	165.93	3,476.9	-222.6	54.7	-53.9	0.54	-0.54	-0.39
3,611.0	5.59	174.72	3,601.5	-232.8	56.3	-55.4	1.45	1.33	7.03
3,736.0	4.88	172.31	3,726.0	-244.1	57.6	-56.7	0.59	-0.57	-1.93
3,862.0	4.26	172.69	3,851.6	-254.1	58.9	-58.0	0.49	-0.49	0.30
3,986.0	4.04	172.58	3,975.2	-263.0	60.0	-59.1	0.18	-0.18	-0.09
4,112.0	4.85	173.46	4,100.9	-272.7	61.2	-60.2	0.65	0.64	0.70
4,236.0	6.29	176.51	4,224.3	-284.6	62.2	-61.2	1.19	1.16	2.46
4,361.0	6.11	176.92	4,348.5	-298.1	63.0	-61.9	0.15	-0.14	0.33
4,485.0	5.51	178.71	4,471.9	-310.7	63.5	-62.4	0.51	-0.48	1.44
4,609.0	5.32	177.93	4,595.4	-322.4	63.8	-62.6	0.16	-0.15	-0.63
4,735.0	5.20	177.85	4,720.8	-333.9	64.3	-63.0	0.10	-0.10	-0.06
4,861.0	4.80	178.49	4,846.3	-344.9	64.6	-63.3	0.32	-0.32	0.51
4,913.0	3.69	185.66	4,898.2	-348.7	64.5	-63.2	2.36	-2.13	13.79
FIRST ST SURVEY									
4,958.0	1.78	211.24	4,943.2	-350.8	64.0	-62.7	4.94	-4.25	56.80
M14FC 10H ST Tieln Svy									
4,976.0	1.32	240.00	4,961.1	-351.1	63.7	-62.4	4.94	-2.54	160.13
5,032.3	2.29	283.45	5,017.4	-351.2	62.0	-60.7	2.87	1.73	77.24
M14FC 10H ST KOP									

Survey Report

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Well:	Miller 14 Federal Com 10H	**North Reference:**	Grid
Wellbore:	10H ST	**Survey Calculation Method:**	Minimum Curvature
Design:	10H ST 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)
5,038.0	2.43	285.64	5,023.1	-351.1	61.8	-60.5	2.87	2.40	38.07
5,101.0	4.25	283.21	5,086.0	-350.2	58.2	-56.9	2.90	2.89	-3.86
5,163.0	7.41	279.37	5,147.7	-349.0	52.0	-50.8	5.13	5.10	-6.19
EST ST KOP									
5,225.0	10.73	279.11	5,208.9	-347.5	42.4	-41.1	5.36	5.35	-0.42
5,288.0	13.92	279.52	5,270.4	-345.3	29.1	-27.9	5.07	5.06	0.65
5,350.0	18.25	276.76	5,330.0	-342.9	12.1	-10.9	7.09	6.98	-4.45
5,413.0	22.89	272.73	5,389.0	-341.2	-9.9	11.2	7.70	7.37	-6.40
5,476.0	27.25	271.15	5,446.0	-340.3	-36.6	37.8	7.00	6.92	-2.51
5,539.0	31.80	273.33	5,500.8	-339.0	-67.6	68.8	7.42	7.22	3.46
5,601.0	37.97	272.41	5,551.7	-337.3	-103.0	104.2	9.99	9.95	-1.48
5,664.0	43.12	270.31	5,599.5	-336.3	-143.9	145.2	8.46	8.17	-3.33
5,727.0	45.30	270.33	5,644.7	-336.1	-187.8	189.1	3.46	3.46	0.03
5,789.0	47.93	272.20	5,687.3	-335.1	-232.9	234.1	4.77	4.24	3.02
5,853.0	51.14	272.92	5,728.8	-332.9	-281.5	282.7	5.09	5.02	1.13
5,978.0	56.95	272.70	5,802.1	-328.0	-382.5	383.7	4.65	4.65	-0.18
6,010.0	58.51	271.32	5,819.2	-327.0	-409.6	410.8	6.09	4.88	-4.31
6,041.0	59.04	269.55	5,835.3	-326.8	-436.1	437.3	5.17	1.71	-5.71
6,071.0	60.35	270.55	5,850.4	-326.8	-462.0	463.2	5.23	4.37	3.33
6,101.0	60.68	270.80	5,865.2	-326.5	-488.1	489.3	1.32	1.10	0.83
6,130.0	60.78	271.63	5,879.4	-325.9	-513.4	514.6	2.52	0.34	2.86
6,160.0	60.79	271.79	5,894.0	-325.2	-539.6	540.8	0.47	0.03	0.53
6,190.0	60.94	271.69	5,908.6	-324.4	-565.8	566.9	0.58	0.50	-0.33
6,219.0	61.11	271.20	5,922.7	-323.7	-591.1	592.3	1.59	0.59	-1.69
6,280.0	66.21	270.17	5,949.7	-323.1	-645.8	646.9	8.50	8.36	-1.69
6,340.0	73.46	269.90	5,970.4	-323.1	-702.0	703.2	12.09	12.08	-0.45
6,399.0	79.04	269.07	5,984.4	-323.6	-759.3	760.5	9.56	9.46	-1.41
6,426.5	80.00	269.74	5,989.4	-323.9	-786.4	787.6	4.24	3.49	2.45
80° 2529FNL_3FEL									
6,460.0	81.17	270.56	5,994.9	-323.8	-819.4	820.6	4.24	3.49	2.44
6,519.0	84.95	270.69	6,002.0	-323.1	-878.0	879.1	6.41	6.41	0.22
6,522.7	85.23	270.68	6,002.4	-323.1	-881.7	882.9	7.37	7.37	-0.17
M14FC 10H FTP 2605FNL_100FEL									
6,523.7	85.30	270.68	6,002.4	-323.1	-882.6	883.8	7.37	7.37	-0.17
M14FC 10H FTP ST 2536FNL_100FEL									
6,524.0	85.32	270.68	6,002.5	-323.1	-883.0	884.1	7.37	7.37	-0.17
FTP 2529FNL_100FEL									
6,578.0	89.30	270.59	6,005.0	-322.5	-936.9	938.1	7.37	7.37	-0.17
6,639.0	90.87	271.12	6,004.9	-321.6	-997.9	999.0	2.72	2.57	0.87
6,760.0	91.69	269.72	6,002.2	-320.7	-1,118.8	1,120.0	1.34	0.68	-1.16
6,881.0	91.15	268.79	5,999.2	-322.2	-1,239.8	1,241.0	0.89	-0.45	-0.77
7,003.0	92.44	268.11	5,995.4	-325.5	-1,361.7	1,362.9	1.20	1.06	-0.56
7,123.0	90.62	268.93	5,992.2	-328.6	-1,481.6	1,482.8	1.66	-1.52	0.68
7,247.0	91.96	268.93	5,989.4	-331.0	-1,605.5	1,606.7	1.08	1.08	0.00

Survey Report

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Site:	Miller 14 Federal Com	**MD Reference:**	4107+20 @ 4127.0usft (AKITA)
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Wellbore:	10H ST	**Survey Calculation Method:**	Minimum Curvature
Design:	10H ST 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)
7,373.0	90.11	269.07	5,987.1	-333.2	-1,731.5	1,732.7	1.47	-1.47	0.11
7,497.0	90.98	268.94	5,985.9	-335.3	-1,855.5	1,856.7	0.71	0.70	-0.10
7,619.0	90.76	271.07	5,984.1	-335.3	-1,977.4	1,978.7	1.75	-0.18	1.75
7,744.0	91.35	270.95	5,981.8	-333.1	-2,102.4	2,103.6	0.48	0.47	-0.10
7,868.0	90.17	270.70	5,980.1	-331.3	-2,226.4	2,227.6	0.97	-0.95	-0.20
7,993.0	90.76	270.86	5,979.1	-329.6	-2,351.4	2,352.5	0.49	0.47	0.13
8,119.0	91.51	270.71	5,976.6	-327.9	-2,477.3	2,478.5	0.61	0.60	-0.12
8,244.0	91.77	270.44	5,973.0	-326.6	-2,602.3	2,603.4	0.30	0.21	-0.22
8,369.0	92.92	270.15	5,967.9	-326.0	-2,727.2	2,728.3	0.95	0.92	-0.23
8,493.0	91.32	269.75	5,963.3	-326.1	-2,851.1	2,852.2	1.33	-1.29	-0.32
8,619.0	92.10	269.61	5,959.6	-326.8	-2,977.0	2,978.2	0.63	0.62	-0.11
8,744.0	90.45	268.96	5,956.8	-328.4	-3,102.0	3,103.1	1.42	-1.32	-0.52
8,869.0	91.60	269.30	5,954.6	-330.3	-3,226.9	3,228.1	0.96	0.92	0.27
8,995.0	92.92	270.11	5,949.6	-330.9	-3,352.8	3,354.0	1.23	1.05	0.64
9,120.0	90.98	269.61	5,945.3	-331.2	-3,477.7	3,478.9	1.60	-1.55	-0.40
9,246.0	89.02	270.44	5,945.3	-331.2	-3,603.7	3,604.9	1.69	-1.56	0.66
9,372.0	89.92	270.34	5,946.5	-330.3	-3,729.7	3,730.9	0.72	0.71	-0.08
9,498.0	90.68	270.54	5,945.9	-329.3	-3,855.7	3,856.9	0.62	0.60	0.16
9,623.0	91.82	270.45	5,943.1	-328.2	-3,980.7	3,981.9	0.91	0.91	-0.07
9,749.0	92.75	270.29	5,938.1	-327.4	-4,106.6	4,107.7	0.75	0.74	-0.13
9,875.0	92.10	268.93	5,932.8	-328.3	-4,232.5	4,233.6	1.20	-0.52	-1.08
10,001.0	93.03	269.12	5,927.1	-330.4	-4,358.3	4,359.5	0.75	0.74	0.15
10,126.0	92.41	268.26	5,921.2	-333.3	-4,483.1	4,484.3	0.85	-0.50	-0.69
10,251.0	93.25	269.10	5,915.0	-336.2	-4,607.9	4,609.1	0.95	0.67	0.67
10,378.0	92.58	268.79	5,908.6	-338.5	-4,734.8	4,736.0	0.58	-0.53	-0.24
10,502.0	93.37	268.93	5,902.1	-341.0	-4,858.6	4,859.8	0.65	0.64	0.11
10,627.0	92.89	270.10	5,895.3	-342.0	-4,983.4	4,984.6	1.01	-0.38	0.94
10,754.0	90.87	270.00	5,891.1	-341.9	-5,110.3	5,111.5	1.59	-1.59	-0.08
10,880.0	91.57	270.25	5,888.5	-341.6	-5,236.3	5,237.5	0.59	0.56	0.20
11,005.0	92.30	269.99	5,884.2	-341.4	-5,361.2	5,362.4	0.62	0.58	-0.21
11,130.0	92.72	270.26	5,878.8	-341.1	-5,486.1	5,487.3	0.40	0.34	0.22
11,255.0	93.03	270.07	5,872.5	-340.7	-5,610.9	5,612.1	0.29	0.25	-0.15
11,381.0	93.37	270.51	5,865.5	-340.1	-5,736.7	5,737.9	0.44	0.27	0.35
11,444.0	93.69	270.81	5,861.6	-339.4	-5,799.6	5,800.8	0.70	0.51	0.48
11,572.0	94.23	270.82	5,852.7	-337.6	-5,927.3	5,928.5	0.42	0.42	0.01
11,606.4	93.45	270.39	5,850.4	-337.2	-5,961.6	5,962.8	2.58	-2.26	-1.25
M14FC 10H LTP 2605FNL_100FWL									
11,607.5	93.43	270.38	5,850.4	-337.2	-5,962.7	5,963.9	2.58	-2.26	-1.25
M14FC 10H LTP ST 2536FNL_100FWL									
11,608.0	93.42	270.37	5,850.3	-337.2	-5,963.2	5,964.4	2.58	-2.26	-1.25
LTP 2524FNL_100FWL									
11,645.0	92.58	269.91	5,848.4	-337.1	-6,000.1	6,001.3	2.58	-2.26	-1.25
TD ST 2524FNL_63FWL - M14FC 10H PBHL ST 2536FNL_50FWL - M14FC 10H PBHL 2605FNL_50FWL									

Survey Report

Company:	SPUR ENERGY PARTNERS LLC.	**Local Co-ordinate Reference:**	Well Miller 14 Federal Com 10H
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 10H	**North Reference:**	Grid
Wellbore:	10H ST	**Survey Calculation Method:**	Minimum Curvature
Design:	10H ST 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
M14FC 10H SHL 2210F - actual wellpath hits target center - Point	0.00	0.00	0.0	0.0	0.0	668,311.00	727,895.50	32° 50' 6.265 N	103° 35' 28.966 W
M14FC 10H ST FIRST S - actual wellpath hits target center - Point	0.00	0.00	4,898.2	-348.7	64.5	667,962.28	727,960.00	32° 50' 2.810 N	103° 35' 28.239 W
M14FC 10H ST EST ST - actual wellpath hits target center - Point	0.00	0.01	5,147.7	-349.0	52.0	667,961.97	727,947.55	32° 50' 2.807 N	103° 35' 28.385 W
M14FC 10H PBHL ST 2 - actual wellpath misses target center by 17.0usft at 11645.0usft MD (5848.4 TVD, -337.1 N, -6000.1 E) - Point	0.00	0.00	5,847.6	-348.5	-6,012.7	667,962.50	721,882.80	32° 50' 3.228 N	103° 36' 39.461 W
M14FC 10H ST TD ST 2 - actual wellpath hits target center - Point	0.00	0.00	5,848.4	-337.1	-6,000.1	667,973.90	721,895.36	32° 50' 3.340 N	103° 36' 39.313 W
M14FC 10H ST LTP 252 - actual wellpath hits target center - Point	0.00	0.00	5,850.3	-337.2	-5,963.2	667,973.81	721,932.31	32° 50' 3.337 N	103° 36' 38.880 W
M14FC 10H ST LSTSV\ - actual wellpath misses target center by 0.1usft at 11572.0usft MD (5852.7 TVD, -337.6 N, -5927.3 E) - Point	0.00	0.00	5,852.7	-337.6	-5,927.3	667,973.40	721,968.20	32° 50' 3.331 N	103° 36' 38.459 W
M14FC 10H ST 80° 252 - actual wellpath hits target center - Point	0.00	0.00	5,989.4	-323.8	-786.4	667,987.15	727,109.13	32° 50' 3.115 N	103° 35' 38.209 W
M14FC 10H ST FTP 252 - actual wellpath hits target center - Point	0.00	0.00	6,002.5	-323.1	-882.9	667,987.93	727,012.55	32° 50' 3.129 N	103° 35' 39.341 W

Design Annotations

Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates +N/-S (usft)	Local Coordinates +E/-W (usft)	Comment
4,913.0	4,898.2	-348.7	64.5	FIRST ST SURVEY
5,163.0	5,147.7	-349.0	52.0	EST ST KOP
6,426.5	5,989.4	-323.9	-786.4	80° 2529FNL_3FEL
6,524.0	6,002.5	-323.1	-883.0	FTP 2529FNL_100FEL
11,608.0	5,850.3	-337.2	-5,963.2	LTP 2524FNL_100FWL
11,645.0	5,848.4	-337.1	-6,000.1	TD ST 2524FNL_63FWL

Checked By: _____ Approved By: _____ Date: _____

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720
District III
1000 Rio Brazos Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-102
Revised August 1, 2011
Submit one copy to appropriate
District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number	2 Pool Code	3 Pool Name

4 Property Code	5 Property Name	6 Well Number
	MILLER 14 FEDERAL COM	10H

7 OGRID NO.	8 Operator Name	9 Elevation
	SPUR ENERGY PARTNERS LLC.	4107

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
E	13	17S	32E		2210	NORTH	785	WEST	LEA

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
E	14	17S	32E		2605	NORTH	50	WEST	LEA

12 Dedicated Acres	13 Joint or Infill	14 Consolidation Code	15 Order No.

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

16

GEODETIC DATA
NAD 83 GRID – NM EAST

SURFACE LOCATION (SL)
N: 668311.0 – E: 727895.5
LAT: 32.8357389° N
LONG: 103.7259410° W

FIRST TAKE POINT (FTP)
2605' FNL & 100' FEL – SEC 14
N: 667912.2 – E: 727013.2
LAT: 32.8346567° N
LONG: 103.7288208° W

LAST TAKE POINT (LTP)
2605' FNL & 100' FWL – SEC 14
N: 667893.4 – E: 721933.1
LAT: 32.8346839° N
LONG: 103.7453600° W

BOTTOM HOLE (BH)
N: 667893.4 – E: 721883.1
LAT: 32.8346847° N
LONG: 103.7455227° W

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

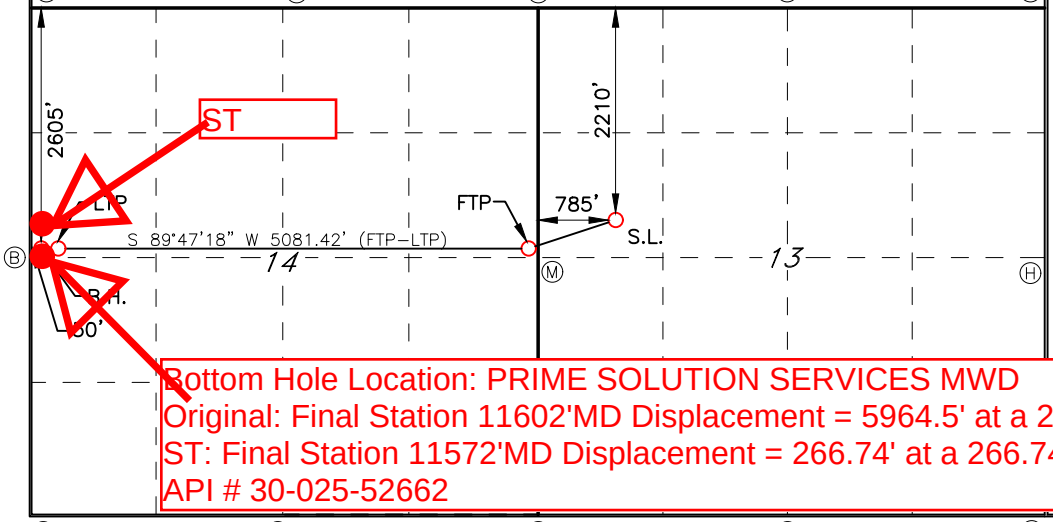
I: FOUND BRASS CAP "1913"
N: 665259.6 – E: 732412.5

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



17 OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Signature Date

Printed Name

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.

01/20/2023
Date of Survey

Signature and Seal of Professional Surveyor:

DALE E. BELL
NEW MEXICO
14400
01/26/2023
PROFESSIONAL SURVEYOR

LS23010059

Bottom Hole Location: PRIME SOLUTION SERVICES MWD
Original: Final Station 11602'MD Displacement = 5964.5' at a 266.04° Azimuth
ST: Final Station 11572'MD Displacement = 266.74' at a 266.74° Azimuth
API # 30-025-52662

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-105
Revised July 9, 2024

Submit Electronically
Via OCD Permitting

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 10H	Property Code: 335617
Mineral Owner: ☐ State ☒ Fee ☐ Tribal ☒ Federal	API Number: 30-0 25-52662
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	785	WEST	LEA
BHL	E	14	17S	32E		2524	NORTH	63	WEST	LEA

Section 3 – Completion Information

Date T.D. Reached: 01/31/2025	Total Measured Depth of Well: 11645'M/5848'V	Acid Volume (bbls): 876 BBL	☒ Directional Survey Submitted ☐ Deviation Survey Submitted
Date Rig Released: 02/02/2025	Plug-Back Measured Depth: 11599'M/5848'V	Completion Fluid Used (bbls): 288,265	Were Logs Ran (Y/N): Y
Completion Date: 03/05/2025	Perforations (MD and TVD): 6538'-11576' / 6001'-5853'	Completion Proppant Used (lbs): 5,000,566	List Type of Logs Ran if applicable: GAMMA AND MUD

Section 4 – Action IDs for Submissions and Order Numbers

Surface Casing Action ID: 404998	UIC Permit/Order (UIC wells only) ☐Yes ☒No, Order No.
Intermediate 1 Casing Action ID: 443379	NOI Recomplete Action ID (if applicable):
Intermediate 2 Casing Action ID:	NOI Plugback Action ID (if applicable):
Production Casing Action ID: 428235	Cement Squeeze Action ID (if applicable):
Tubing Action ID: 448716	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	Production Method	Well Status	Gas – Oil Ratio
03/31/2025	PUMPING ON ESP	PRODUCING	
Date of Test	**Choke Size**	**Flowing Tubing Pressure**	**Casing Pressure**
04/23/2025	N/A	85	55
24 hr Oil (bbls)	**24 hr Gas (MCF)**	**24 hr Water (bbls)**	**Oil Gravity - API**
241	187	3052	

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 Sarah Chapman WILL SUBMIT APPROVED 3160-4 WITHIN 10-DAYS OF BLM APPROVAL

Title: REGULATORY DIRECTOR

Date: 06/10/2025

South Formations			
Formation/Zone	MD	TVD	W/O/G
T. Anhy			
T. Salt	1276'	1276'	N/A
B. Salt			
T. Yates	2455'	2455'	N/A
T. 7 Rivers	2815'	2815'	O/G
T. Queen	3425'	3425'	O/G
T. Grayburg	3875'	3875'	O/G
T. San Andres	4200'	4173'	O/G
T. Glorieta	5860'	5745'	O/G
T. Yeso			
T. Paddock	6000'	5830'	O/G
T. Blinebry	DID NOT PENETRATE		
T.Tubb			
T. Drinkard			
T. Abo			
T. Wolfcamp			
T. Penn			
T. Cisco			
T. Canyon			
T. Strawn			
T. Atoka			
T. Morrow			
T. Barrnett Shale			
T. Miss			
T. Woodford Shale			
T. Devonian			
T. Silurian			
T. Fusselman			
T. Montoya			
T. Simpson			
T. McKee			
T. Waddell			
T. Connel			
T. Ellenburger			
T. Gr. Wash			
T. Delaware Sand			
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			

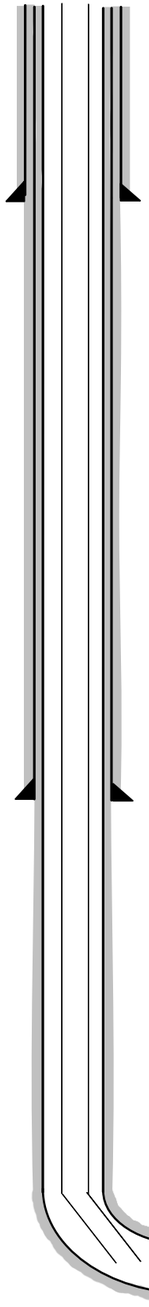
North Formations			
Formation/Zone	MD	TVD	W/O/G
T. San Jose			
T. Nacimento			
T. Ojo Alamo			
T. Kirtland			
T. Fruitland			
T. Pictured Cliffs			
T. Lewis Shale			
T. Chacra			
T. Cliff House			
T. Menefee			
T. Point Lookout			
T. Mancos			
T. Gallup			
T. Greenhorn			
T. Graneros			
T. Dakota			
T. Morrison			
T. Bluff			
T.Todilto			
T. Entrada			
T. Wingate			
T. Chinle			
T. Permian			
T. Penn A"			
T. Penn. "B"			
T. Penn. "C"			
T. Penn. "D"			
T. Leadville			
T. Madison			
T. Elbert			
T. McCracken			
T. Ignacio Otzte			
T. Granite			
T. Hermosa			
T. De Chelly			
T. Pinkerton			

Miller 14 Federal Com 10H

Lea County, NM
API# 30-025-52662

SPUD DATE: 01/08/2025
ELEV: 4,107' GL, 20' KB

CURRENT WBD



SURFACE
13 3/8" 54.5# J-55 BTC CSG @ 1,175'
CMT W/ 843 SX
CLASS C
CIRC 25 BBLS, TOC @ SURF

INTERMEDIATE
9-5/8" 36# J-55 CSG @ 2,996.5'
CMT W/ 850 SX LEAD & 300 SX TAIL
CLASS C
CIRC 40 BBLS, TOC @ SURF

CROSS OVER FROM 7" TO 5-½" CSG @ 6,281.5'

PRODUCTION
7" 32# L-80 CSG @ 6,281.5'
5-½" 20# L-80 CSG @ 11,645'
CMT W/ 850 SX LEAD & 300 SX TAIL
CLASS C
CIRC 40 BBLS TO SURF, TOC @ SURF

CURRENT TUBING DETAIL:
2-7/8" 6.5# J-55 BARE @ 6,204'

KOP @ 4,941'

TOP PERF @ 6,538'

BOTTOM PERF @ 11,576'

TD (MD) @ 11,645'
TD (TVD) @ 5,848'

CREATED ON 6/10/2025
UPDATED

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

Operator: Spur Energy Partners LLC 9655 Katy Freeway Houston, TX 77024	OGRID: 328947
	Action Number: 473201
	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.

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Phone: (505) 476-3441

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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 473201

CONDITIONS

Operator: Spur Energy Partners LLC 9655 Katy Freeway Houston, TX 77024	OGRID: 328947
	Action Number: 473201
	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