

Sante Fe Main Office  
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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**

Form C-101  
August 1, 2011  
Permit 411056

**APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE**

1. Operator Name and Address Spur Energy Partners LLC 9655 Katy Freeway Houston, TX 77024		2. OGRID Number 328947
4. Property Code 338982		3. API Number 30-015-57951
5. Property Name MARGARET 23 FEE		6. Well No. 010H

**7. Surface Location**

UL - Lot A	Section 22	Township 18S	Range 26E	Lot Idn A	Feet From 1233	N/S Line N	Feet From 884	E/W Line E	County Eddy
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**8. Proposed Bottom Hole Location**

UL - Lot A	Section 23	Township 18S	Range 26E	Lot Idn A	Feet From 330	N/S Line N	Feet From 50	E/W Line E	County Eddy
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**9. Pool Information**

ATOKA;GLORIETA-YESO	3250
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**Additional Well Information**

11. Work Type New Well	12. Well Type OIL	13. Cable/Rotary	14. Lease Type Private	15. Ground Level Elevation 3330
16. Multiple N	17. Proposed Depth 8727	18. Formation Paddock	19. Contractor	20. Spud Date 4/4/2026
Depth to Ground water		Distance from nearest fresh water well		Distance to nearest surface water

We will be using a closed-loop system in lieu of lined pits

**21. Proposed Casing and Cement Program**

Type	Hole Size	Casing Size	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surf	12.25	9.625	36	1250	315	0
Prod	8.75	7	32	3350	1436	0
Prod	8.75	5.5	20	8727	1436	0

**Casing/Cement Program: Additional Comments**

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**22. Proposed Blowout Prevention Program**

Type	Working Pressure	Test Pressure	Manufacturer
Double Ram	5	5000	SHAFFER

23. I hereby certify that the information given above is true and complete to the best of my knowledge and belief. I hereby certify that no additives containing PFAS chemicals will be added to the completion or recompletion of this well. I further certify I have complied with 19.15.14.9 (A) NMAC <input type="checkbox"/> and/or 19.15.14.9 (B) NMAC <input checked="" type="checkbox"/> if applicable.  Signature:	<b>OIL CONSERVATION DIVISION</b>	
	Printed Name: Electronically filed by Sarah Chapman	Approved By: Jeffrey Harrison
	Title: Regulatory Director	Title: Petroleum Specialist III
	Email Address: schapman@spurenergy.com	Approved Date: 3/17/2026      Expiration Date: 3/17/2028
	Date: 3/16/2026      Phone: 832-930-8613	Conditions of Approval Attached

<b>C-102</b> Submit Electronically Via OCD Permitting	State of New Mexico Energy, Minerals & Natural Resources Department <b>OIL CONSERVATION DIVISION</b>	Revised July 9, 2024
	Submittal Type:	<input checked="" type="checkbox"/> Initial Submittal <input type="checkbox"/> Amended Report <input type="checkbox"/> As Drilled

WELL LOCATION INFORMATION

API Number <b>30-015-57951</b>	Pool Code <b>3250</b>	Pool Name <b>ATOKA; GLORIETA-YESO</b>
Property Code <b>338982</b>	Property Name <b>MARGARET 23 FEE</b>	Well Number <b>10H</b>
OGRID No. <b>328947</b>	Operator Name <b>SPUR ENERGY PARTNERS LLC.</b>	Ground Level Elevation <b>3330'</b>
Surface Owner: <input type="checkbox"/> State <input checked="" type="checkbox"/> Fee <input type="checkbox"/> Tribal <input type="checkbox"/> Federal		Mineral Owner: <input type="checkbox"/> State <input checked="" type="checkbox"/> Fee <input type="checkbox"/> Tribal <input type="checkbox"/> Federal

Surface Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
A	22	18S	26E		1233 FNL	884 FEL	32.7372625°N	104.3640700°W	EDDY

Bottom Hole Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
A	23	18S	26E		330 FNL	50 FEL	32.7396866°N	104.3441038°W	EDDY

Dedicated Acres <b>320</b>	Infill or Defining Well <b>INFILL</b>	Defining Well API <b>MARGARET 23 FEE 20H</b>	Overlapping Spacing Unit (Y/N) <b>Y</b>	Consolidation Code <b>F</b>
Order Numbers. <b>FP: PENDING</b>			Well setbacks are under Common Ownership: <input type="checkbox"/> Yes <input type="checkbox"/> No <b>NA</b>	

Kick Off Point (KOP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
A	22	18S	26E		557 FNL	742 FEL	32.7391211°N	104.3636024°W	EDDY


First Take Point (FTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
D	23	18S	26E		330 FNL	100 FWL	32.7397477°N	104.3608613°W	EDDY

Last Take Point (LTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
A	23	18S	26E		330 FNL	100 FEL	32.7396872°N	104.3442664°W	EDDY

Unitized Area or Area of Uniform Interest <input checked="" type="checkbox"/> Y	Spacing Unit Type <input checked="" type="checkbox"/> Horizontal <input type="checkbox"/> Vertical	Ground Floor Elevation: <b>3330' GL</b>
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<p><b>OPERATOR CERTIFICATIONS</b></p> <p><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></p> <p><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></p> <p><i>Sarah Savino</i>      03/16/2026</p>	<p><b>SURVEYOR CERTIFICATIONS</b></p> <p><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></p> <div style="text-align: right;">  </div>
Signature: <b>SARAH SAVINO</b>	Signature and Seal of Professional Surveyor: <i>Dale E. Bell</i>
Date: _____	Certificate Number: <b>14400</b>
Printed Name: <b>SSAVINO@SPURENERGY.COM</b>	Date of Survey: <b>08/01/2025</b>
Email Address: _____	

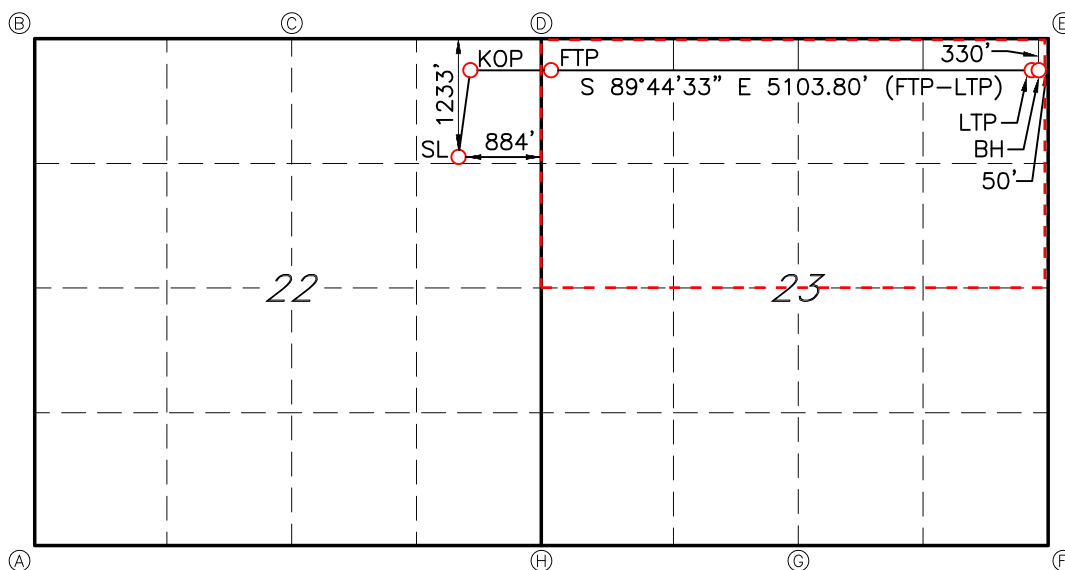
Note: No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

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.

**MARGARET 23 FEE #10H**



GEODETTIC DATA  
 NAD 83 GRID - NM EAST

SURFACE LOCATION (SL)  
 1233' FNL & 884' FEL (SEC.22)  
 N: 631949.1 - E: 531886.5

LAT: 32.7372625° N  
 LONG: 104.3640700° W

KICK OFF POINT (KOP)  
 557' FNL & 742' FEL (SEC.22)  
 N: 632625.3 - E: 532030.5

LAT: 32.7391211° N  
 LONG: 104.3636024° W

FIRST TAKE POINT (FTP)  
 330' FNL & 100' FEL (SEC.23)  
 N: 632853.0 - E: 532873.4

LAT: 32.7397477° N  
 LONG: 104.3608613° W

LAST TAKE POINT (LTP)  
 330' FNL & 100' FEL (SEC.23)  
 N: 632830.1 - E: 537975.9

LAT: 32.7396872° N  
 LONG: 104.3442664° W

BOTTOM HOLE (BH)  
 330' FNL & 50' FEL (SEC.23)  
 N: 632829.8 - E: 538025.9

LAT: 32.7396866° N  
 LONG: 104.3441038° W

CORNER DATA  
 NAD 83 GRID - NM EAST

A: FOUND NAIL  
 N: 627894.1 - E: 527461.9

B: CALCULATED CORNER  
 N: 633198.3 - E: 527505.3

C: FOUND RR SPIKE  
 N: 633178.6 - E: 530125.4

D: FOUND RR SPIKE  
 N: 633183.3 - E: 532774.6

E: CALCULATED CORNER  
 N: 633159.5 - E: 538079.5

F: FOUND NAIL  
 N: 627861.4 - E: 538021.2

G: FOUND RR SPIKE  
 N: 627869.8 - E: 535392.5

H: FOUND 5/8" REBAR  
 N: 627877.8 - E: 532755.3



JOB #: LS25070614D1

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**Energy, Minerals and Natural Resources**  
**Oil Conservation Division**  
**1220 S. St Francis Dr.**  
**Santa Fe, NM 87505**

Form APD Conditions

Permit 411056

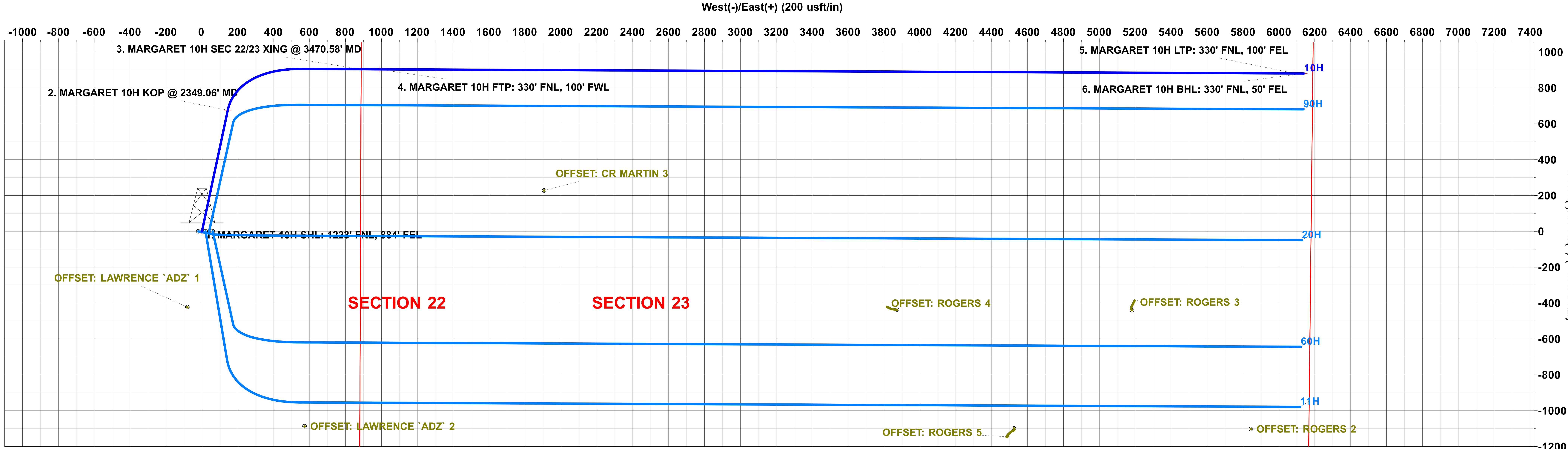
**PERMIT CONDITIONS OF APPROVAL**

Operator Name and Address: Spur Energy Partners LLC [328947] 9655 Katy Freeway Houston, TX 77024	API Number: 30-015-57951
	Well: MARGARET 23 FEE #010H

OCD Reviewer	Condition
jeffrey.harrison	No additives containing PFAS chemicals will be added to the drilling fluids or completion fluids used during drilling, completions, or recompletions operations.
jeffrey.harrison	NSP required if not included in an existing order or not an infill to an appropriate defining well in the same pool and spacing unit.
jeffrey.harrison	This well is within the Roswell Artesian Basin. Operator must adhere to all 19.15.39.11 NMAC regulations.
jeffrey.harrison	Brine water shall not be used in the Roswell Artesian Aquifer. Only fresh water shall be utilized until the Roswell Artesian Aquifer is cased and cemented.
jeffrey.harrison	Cement is required to circulate on both surface and intermediate1 strings of casing.
jeffrey.harrison	If the method of isolation was not by circulation, a CBL must be performed; if strata isolation is not achieved, then remediation will be required before further operations.
jeffrey.harrison	File As Drilled C-102 and a directional Survey with C-104 completion packet.
jeffrey.harrison	Notify the OCD 24 hours prior to casing & cement.
jeffrey.harrison	A [C-103] Sub. Drilling (C-103N) is required within (10) days of spud.
jeffrey.harrison	Oil base muds are not to be used until fresh water zones are cased and cemented providing isolation from the oil or diesel. This includes synthetic oils. Oil based mud, drilling fluids and solids must be contained in a steel closed loop system.
jeffrey.harrison	Once the well is spud, to prevent ground water contamination through whole or partial conduits from the surface, the operator shall drill without interruption through the fresh water zone or zones and shall immediately set in cement the water protection string.



Project: EDDY COUNTY, NM (NAD 83 - NME)  
 Site: MARGARET 23 FEE  
 Well: 10H  
 Wellbore: OH  
 Design: PERMIT



WELL DETAILS: 10H

Rig Name:	AKITA 57	RKB = 20' @ 3350.00usft (AKITA 57)
Ground Elevation:	3330.00	
+N/-S	+E/-W	Northing
0.00	0.00	631949.10
		Easting
		531886.50
		Latitude
		32.73726
		Longitude
		-104.36407

SECTION DETAILS

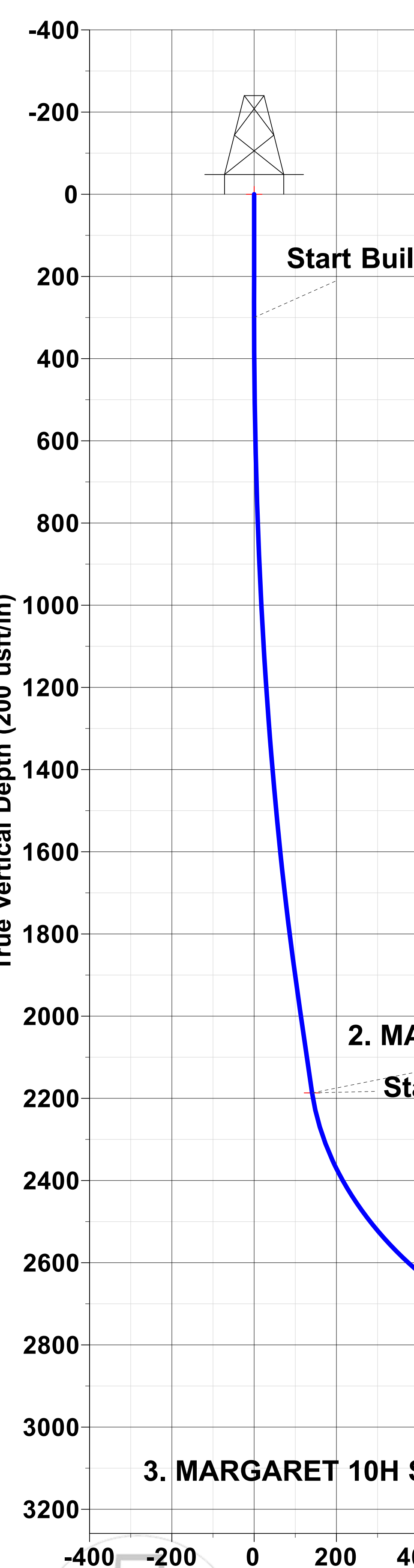
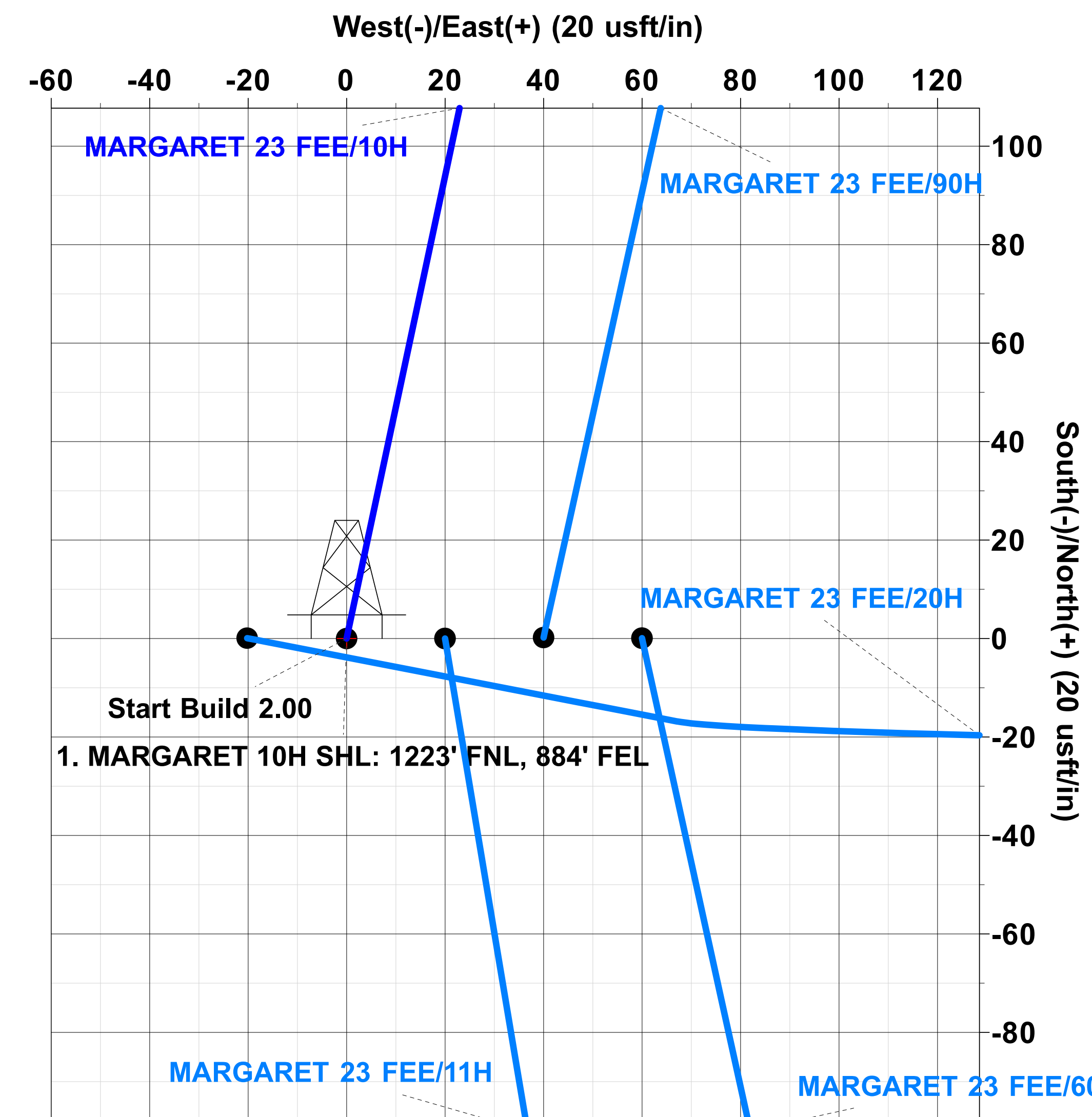
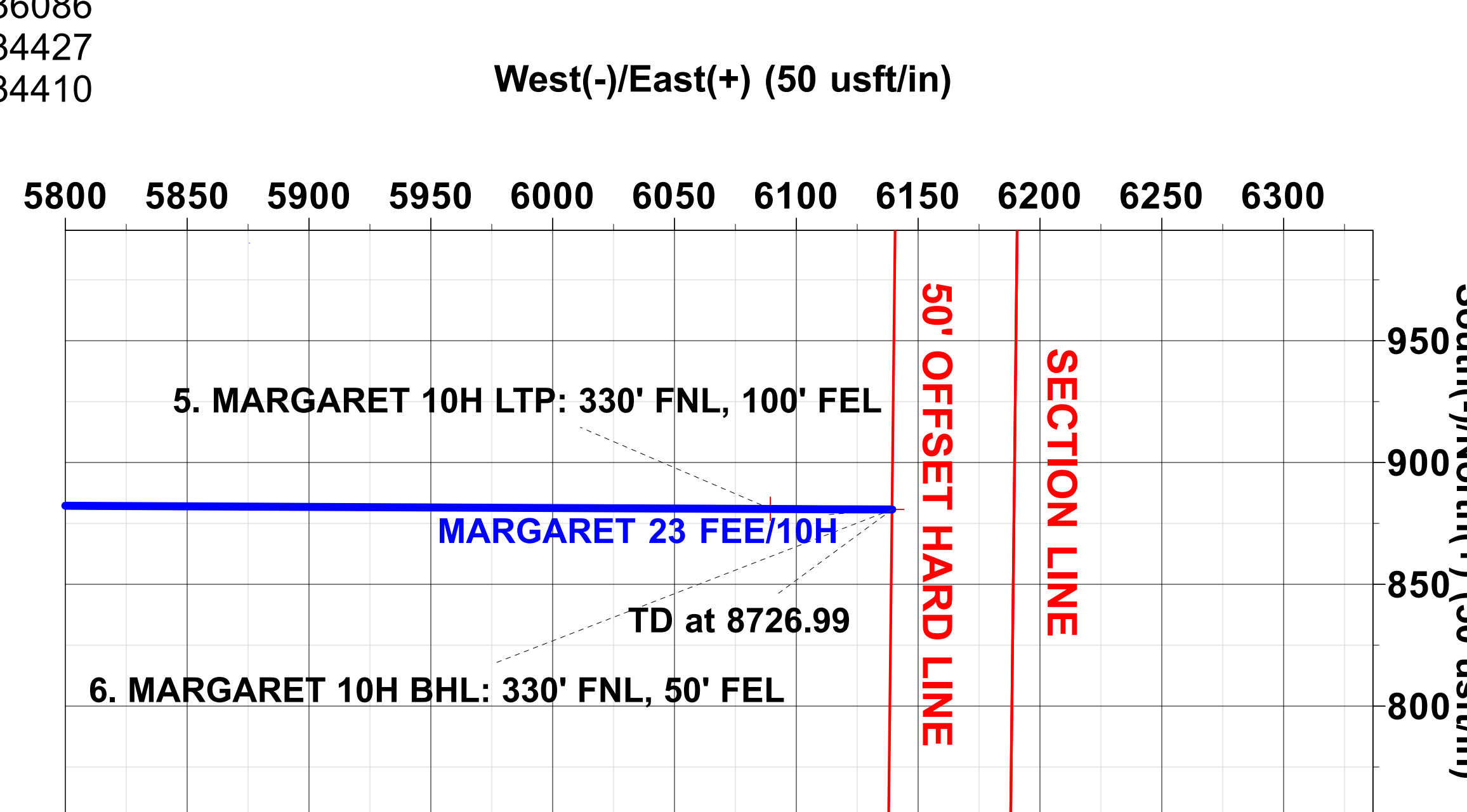
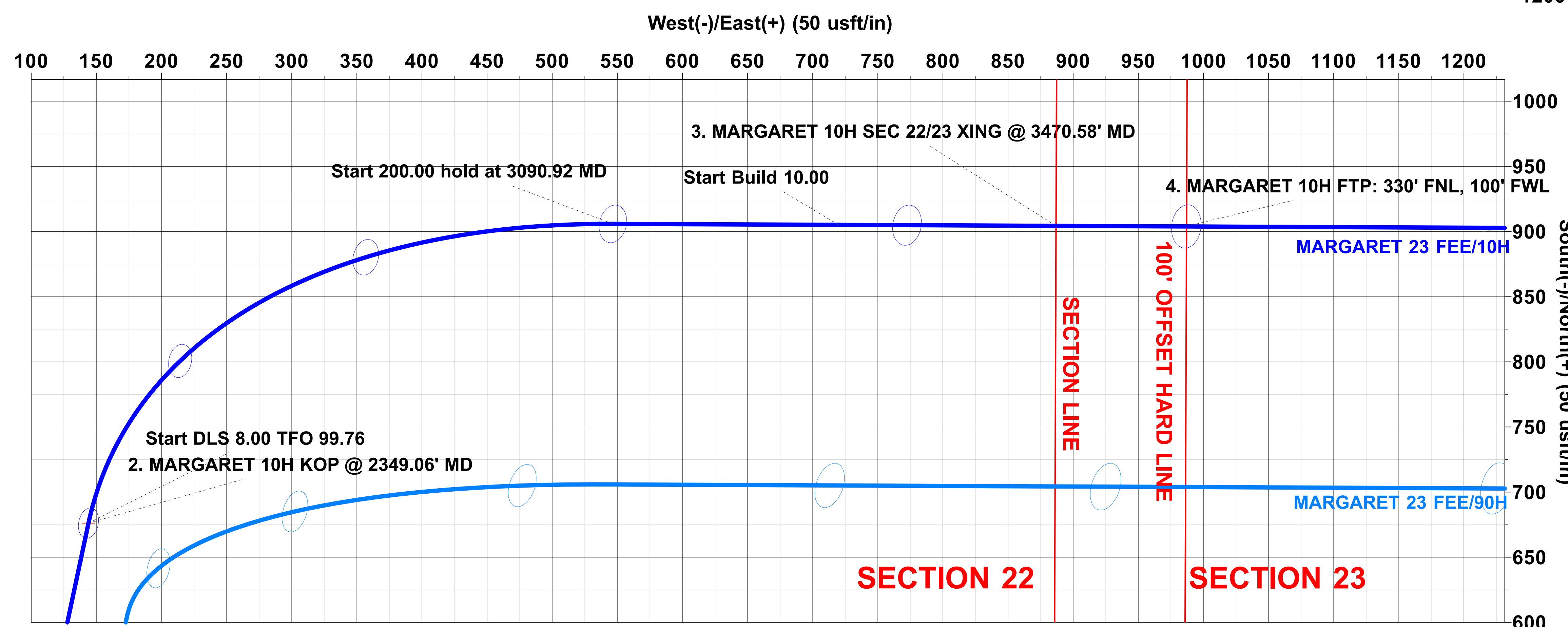
Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	Vsect	Target
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2	300.00	0.00	0.00	300.00	0.00	0.00	0.00	0.00	
3	2070.78	35.42	12.02	1960.15	518.44	110.41	2.00	108.05	
4	2349.06	35.42	12.02	2186.94	676.17	144.00	0.00	140.93	
5	3090.92	60.00	90.26	2723.57	905.88	546.67	8.00	542.55	4. MARGARET 10H FTP: 330' FNL, 100' FWL
6	3290.92	60.00	90.26	2823.57	905.10	719.87	0.00	715.76	5. MARGARET 10H LTP: 330' FNL, 100' FEL
7	3571.47	88.05	90.26	2900.00	903.90	986.90	10.00	982.79	6. MARGARET 10H BHL: 330' FNL, 50' FEL
8	8676.96	88.05	90.26	3073.30	880.93	6089.40	0.00	6085.34	
9	8726.99	88.05	90.26	3075.00	880.70	6139.40	0.00	6135.34	

DESIGN TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
1. MARGARET 10H SHL: 1223' FNL, 884' FEL	0.00	0.00	0.00	631949.10	531886.50	32.73726	-104.36407
2. MARGARET 10H KOP @ 2349.06' MD	2186.94	676.17	144.00	632625.27	532030.50	32.73912	-104.36360
3. MARGARET 10H SEC 22/23 XING @ 3470.58' MD	2887.74	904.35	886.89	632853.45	532773.39	32.73975	-104.36119
4. MARGARET 10H FTP: 330' FNL, 100' FWL	2900.00	903.90	986.90	632853.00	532873.40	32.73975	-104.36086
5. MARGARET 10H LTP: 330' FNL, 100' FEL	3073.30	881.00	6089.40	632830.10	537975.90	32.73969	-104.34427
6. MARGARET 10H BHL: 330' FNL, 50' FEL	3075.00	880.70	6139.40	632829.80	538025.90	32.73969	-104.34410

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 90.26° (200 usft/in)

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# **SPUR ENERGY PARTNERS, LLC**

**EDDY COUNTY, NM (NAD 83 - NME)**

**MARGARET 23 FEE**

**10H**

**OH**

**Plan: PERMIT**

## **Standard Planning Report**

**18 September, 2025**



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



**PROTOTYPE**  
Planning Report



<b>Database:</b>	EDM 5000.17 Single User Db	<b>Local Co-ordinate Reference:</b>	Well 10H
<b>Company:</b>	SPUR ENERGY PARTNERS, LLC	<b>TVD Reference:</b>	RKB = 20' @ 3350.00usft (AKITA 57)
<b>Project:</b>	EDDY COUNTY, NM (NAD 83 - NME)	<b>MD Reference:</b>	RKB = 20' @ 3350.00usft (AKITA 57)
<b>Site:</b>	MARGARET 23 FEE	<b>North Reference:</b>	Grid
<b>Well:</b>	10H	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	OH		
<b>Design:</b>	PERMIT		

<b>Project</b>	EDDY COUNTY, NM (NAD 83 - NME)		
<b>Map System:</b>	US State Plane 1983	<b>System Datum:</b>	Mean Sea Level
<b>Geo Datum:</b>	North American Datum 1983		
<b>Map Zone:</b>	New Mexico Eastern Zone		

<b>Well</b>	10H					
<b>Well Position</b>	<b>+N/-S</b>	0.00 usft	<b>Northing:</b>	631,949.10 usft	<b>Latitude:</b>	32.73726
	<b>+E/-W</b>	0.00 usft	<b>Easting:</b>	531,886.50 usft	<b>Longitude:</b>	-104.36407
<b>Position Uncertainty</b>		0.00 usft	<b>Wellhead Elevation:</b>	usft	<b>Ground Level:</b>	3,330.00 usft
<b>Grid Convergence:</b>		-0.02 °				

<b>Design</b>	PERMIT				
<b>Audit Notes:</b>					
<b>Version:</b>	<b>Phase:</b>	PLAN	<b>Tie On Depth:</b>	0.00	
<b>Vertical Section:</b>	<b>Depth From (TVD) (usft)</b>	<b>+N/-S (usft)</b>	<b>+E/-W (usft)</b>	<b>Direction (°)</b>	
	0.00	0.00	0.00	90.26	

<b>Plan Survey Tool Program</b>	<b>Date</b>	9/17/2025			
<b>Depth From (usft)</b>	<b>Depth To (usft)</b>	<b>Survey (Wellbore)</b>	<b>Tool Name</b>	<b>Remarks</b>	
1	0.00	8,726.99 PERMIT (OH)	MWD+IFR1+MS	OWSG MWD + IFR1 + Mult	

Plan Sections										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	TFO (°)	Target
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
300.00	0.00	0.00	300.00	0.00	0.00	0.00	0.00	0.00	0.00	
2,070.78	35.42	12.02	1,960.15	518.44	110.41	2.00	2.00	0.00	12.02	
2,349.06	35.42	12.02	2,186.94	676.17	144.00	0.00	0.00	0.00	0.00	
3,090.92	60.00	90.26	2,723.57	905.88	546.67	8.00	3.31	10.55	99.76	
3,290.92	60.00	90.26	2,823.57	905.10	719.87	0.00	0.00	0.00	0.00	
3,571.47	88.05	90.26	2,900.00	903.90	986.90	10.00	10.00	0.00	0.00	4. MARGARET 10H
8,676.96	88.05	90.26	3,073.30	880.93	6,089.40	0.00	0.00	0.00	0.00	5. MARGARET 10H
8,726.99	88.05	90.26	3,075.00	880.70	6,139.40	0.00	0.00	0.00	0.00	6. MARGARET 10H



**PROTOTYPE**  
Planning Report



<b>Database:</b>	EDM 5000.17 Single User Db	<b>Local Co-ordinate Reference:</b>	Well 10H
<b>Company:</b>	SPUR ENERGY PARTNERS, LLC	<b>TVD Reference:</b>	RKB = 20' @ 3350.00usft (AKITA 57)
<b>Project:</b>	EDDY COUNTY, NM (NAD 83 - NME)	<b>MD Reference:</b>	RKB = 20' @ 3350.00usft (AKITA 57)
<b>Site:</b>	MARGARET 23 FEE	<b>North Reference:</b>	Grid
<b>Well:</b>	10H	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	OH		
<b>Design:</b>	PERMIT		

Planned 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)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>1. MARGARET 10H SHL: 1223' FNL, 884' FEL</b>									
100.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00
200.00	0.00	0.00	200.00	0.00	0.00	0.00	0.00	0.00	0.00
300.00	0.00	0.00	300.00	0.00	0.00	0.00	0.00	0.00	0.00
400.00	2.00	12.02	399.98	1.71	0.36	0.36	2.00	2.00	0.00
500.00	4.00	12.02	499.84	6.83	1.45	1.42	2.00	2.00	0.00
600.00	6.00	12.02	599.45	15.35	3.27	3.20	2.00	2.00	0.00
700.00	8.00	12.02	698.70	27.27	5.81	5.68	2.00	2.00	0.00
800.00	10.00	12.02	797.47	42.57	9.07	8.87	2.00	2.00	0.00
900.00	12.00	12.02	895.62	61.23	13.04	12.76	2.00	2.00	0.00
1,000.00	14.00	12.02	993.06	83.23	17.72	17.35	2.00	2.00	0.00
1,100.00	16.00	12.02	1,089.64	108.54	23.12	22.62	2.00	2.00	0.00
1,200.00	18.00	12.02	1,185.27	137.14	29.21	28.58	2.00	2.00	0.00
1,300.00	20.00	12.02	1,279.82	168.98	35.99	35.22	2.00	2.00	0.00
1,400.00	22.00	12.02	1,373.17	204.03	43.45	42.52	2.00	2.00	0.00
1,500.00	24.00	12.02	1,465.21	242.24	51.59	50.49	2.00	2.00	0.00
1,600.00	26.00	12.02	1,555.84	283.57	60.39	59.10	2.00	2.00	0.00
1,700.00	28.00	12.02	1,644.94	327.98	69.85	68.36	2.00	2.00	0.00
1,800.00	30.00	12.02	1,732.39	375.39	79.94	78.24	2.00	2.00	0.00
1,900.00	32.00	12.02	1,818.11	425.76	90.67	88.74	2.00	2.00	0.00
2,000.00	34.00	12.02	1,901.97	479.03	102.01	99.84	2.00	2.00	0.00
2,070.78	35.42	12.02	1,960.15	518.44	110.41	108.05	2.00	2.00	0.00
2,100.00	35.42	12.02	1,983.97	535.01	113.94	111.51	0.00	0.00	0.00
2,200.00	35.42	12.02	2,065.46	591.69	126.01	123.32	0.00	0.00	0.00
2,300.00	35.42	12.02	2,146.96	648.37	138.08	135.13	0.00	0.00	0.00
2,349.06	35.42	12.02	2,186.94	676.17	144.00	140.93	0.00	0.00	0.00
<b>2. MARGARET 10H KOP @ 2349.06' MD</b>									
2,400.00	34.93	19.05	2,228.60	704.40	151.84	148.64	8.00	-0.96	13.79
2,450.00	34.85	26.04	2,269.63	730.78	162.78	159.47	8.00	-0.16	13.99
2,500.00	35.17	33.00	2,310.60	755.70	176.90	173.47	8.00	0.64	13.91
2,550.00	35.87	39.78	2,351.32	779.04	194.12	190.59	8.00	1.42	13.56
2,600.00	36.95	46.27	2,391.57	800.70	214.36	210.73	8.00	2.15	12.99
2,650.00	38.36	52.40	2,431.17	820.56	237.52	233.80	8.00	2.82	12.26
2,700.00	40.07	58.13	2,469.92	838.53	263.49	259.68	8.00	3.42	11.45
2,750.00	42.03	63.43	2,507.64	854.52	292.14	288.26	8.00	3.94	10.61
2,800.00	44.23	68.32	2,544.13	868.45	323.33	319.39	8.00	4.39	9.79
2,850.00	46.62	72.83	2,579.23	880.26	356.91	352.91	8.00	4.78	9.01
2,900.00	49.17	76.98	2,612.77	889.89	392.71	388.67	8.00	5.10	8.31
2,950.00	51.86	80.82	2,644.56	897.29	430.57	426.49	8.00	5.38	7.68
3,000.00	54.66	84.38	2,674.48	902.43	470.29	466.19	8.00	5.61	7.12
3,050.00	57.56	87.70	2,702.36	905.27	511.69	507.57	8.00	5.80	6.63
3,090.92	60.00	90.26	2,723.57	905.88	546.67	542.55	8.00	5.95	6.25
3,100.00	60.00	90.26	2,728.11	905.85	554.53	550.42	0.00	0.00	0.00
3,200.00	60.00	90.26	2,778.11	905.46	641.13	637.02	0.00	0.00	0.00
3,290.92	60.00	90.26	2,823.57	905.10	719.87	715.76	0.00	0.00	0.00
3,300.00	60.91	90.26	2,828.05	905.07	727.77	723.66	10.00	10.00	0.00
3,350.00	65.91	90.26	2,850.42	904.87	772.47	768.35	10.00	10.00	0.00
3,400.00	70.91	90.26	2,868.81	904.66	818.94	814.83	10.00	10.00	0.00
3,450.00	75.91	90.26	2,883.09	904.44	866.85	862.73	10.00	10.00	0.00
3,470.58	77.97	90.26	2,887.74	904.35	886.89	882.78	10.00	10.00	0.00
<b>3. MARGARET 10H SEC 22/23 XING @ 3470.58' MD</b>									
3,500.00	80.91	90.26	2,893.13	904.22	915.81	911.70	10.00	10.00	0.00



**PROTOTYPE**  
Planning Report



<b>Database:</b>	EDM 5000.17 Single User Db	<b>Local Co-ordinate Reference:</b>	Well 10H
<b>Company:</b>	SPUR ENERGY PARTNERS, LLC	<b>TVD Reference:</b>	RKB = 20' @ 3350.00usft (AKITA 57)
<b>Project:</b>	EDDY COUNTY, NM (NAD 83 - NME)	<b>MD Reference:</b>	RKB = 20' @ 3350.00usft (AKITA 57)
<b>Site:</b>	MARGARET 23 FEE	<b>North Reference:</b>	Grid
<b>Well:</b>	10H	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	OH		
<b>Design:</b>	PERMIT		

Planned 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)	
3,550.00	85.91	90.26	2,898.87	904.00	965.46	961.35	10.00	10.00	0.00	
3,571.47	88.05	90.26	2,900.00	903.90	986.90	982.79	10.00	10.00	0.00	
<b>4. MARGARET 10H FTP: 330' FNL, 100' FWL</b>										
3,600.00	88.05	90.26	2,900.97	903.77	1,015.41	1,011.30	0.00	0.00	0.00	
3,700.00	88.05	90.26	2,904.36	903.32	1,115.36	1,111.25	0.00	0.00	0.00	
3,800.00	88.05	90.26	2,907.76	902.87	1,215.30	1,211.19	0.00	0.00	0.00	
3,900.00	88.05	90.26	2,911.15	902.42	1,315.24	1,311.13	0.00	0.00	0.00	
4,000.00	88.05	90.26	2,914.55	901.97	1,415.18	1,411.07	0.00	0.00	0.00	
4,100.00	88.05	90.26	2,917.94	901.52	1,515.12	1,511.01	0.00	0.00	0.00	
4,200.00	88.05	90.26	2,921.34	901.07	1,615.06	1,610.96	0.00	0.00	0.00	
4,300.00	88.05	90.26	2,924.73	900.62	1,715.00	1,710.90	0.00	0.00	0.00	
4,400.00	88.05	90.26	2,928.12	900.17	1,814.95	1,810.84	0.00	0.00	0.00	
4,500.00	88.05	90.26	2,931.52	899.72	1,914.89	1,910.78	0.00	0.00	0.00	
4,600.00	88.05	90.26	2,934.91	899.27	2,014.83	2,010.73	0.00	0.00	0.00	
4,700.00	88.05	90.26	2,938.31	898.82	2,114.77	2,110.67	0.00	0.00	0.00	
4,800.00	88.05	90.26	2,941.70	898.37	2,214.71	2,210.61	0.00	0.00	0.00	
4,900.00	88.05	90.26	2,945.10	897.92	2,314.65	2,310.55	0.00	0.00	0.00	
5,000.00	88.05	90.26	2,948.49	897.47	2,414.59	2,410.50	0.00	0.00	0.00	
5,100.00	88.05	90.26	2,951.88	897.02	2,514.53	2,510.44	0.00	0.00	0.00	
5,200.00	88.05	90.26	2,955.28	896.57	2,614.48	2,610.38	0.00	0.00	0.00	
5,300.00	88.05	90.26	2,958.67	896.12	2,714.42	2,710.32	0.00	0.00	0.00	
5,400.00	88.05	90.26	2,962.07	895.67	2,814.36	2,810.27	0.00	0.00	0.00	
5,500.00	88.05	90.26	2,965.46	895.22	2,914.30	2,910.21	0.00	0.00	0.00	
5,600.00	88.05	90.26	2,968.86	894.77	3,014.24	3,010.15	0.00	0.00	0.00	
5,700.00	88.05	90.26	2,972.25	894.32	3,114.18	3,110.09	0.00	0.00	0.00	
5,800.00	88.05	90.26	2,975.65	893.87	3,214.12	3,210.04	0.00	0.00	0.00	
5,900.00	88.05	90.26	2,979.04	893.42	3,314.07	3,309.98	0.00	0.00	0.00	
6,000.00	88.05	90.26	2,982.43	892.97	3,414.01	3,409.92	0.00	0.00	0.00	
6,100.00	88.05	90.26	2,985.83	892.52	3,513.95	3,509.86	0.00	0.00	0.00	
6,200.00	88.05	90.26	2,989.22	892.07	3,613.89	3,609.80	0.00	0.00	0.00	
6,300.00	88.05	90.26	2,992.62	891.62	3,713.83	3,709.75	0.00	0.00	0.00	
6,400.00	88.05	90.26	2,996.01	891.17	3,813.77	3,809.69	0.00	0.00	0.00	
6,500.00	88.05	90.26	2,999.41	890.72	3,913.71	3,909.63	0.00	0.00	0.00	
6,600.00	88.05	90.26	3,002.80	890.27	4,013.66	4,009.57	0.00	0.00	0.00	
6,700.00	88.05	90.26	3,006.20	889.82	4,113.60	4,109.52	0.00	0.00	0.00	
6,800.00	88.05	90.26	3,009.59	889.37	4,213.54	4,209.46	0.00	0.00	0.00	
6,900.00	88.05	90.26	3,012.98	888.92	4,313.48	4,309.40	0.00	0.00	0.00	
7,000.00	88.05	90.26	3,016.38	888.47	4,413.42	4,409.34	0.00	0.00	0.00	
7,100.00	88.05	90.26	3,019.77	888.02	4,513.36	4,509.29	0.00	0.00	0.00	
7,200.00	88.05	90.26	3,023.17	887.57	4,613.30	4,609.23	0.00	0.00	0.00	
7,300.00	88.05	90.26	3,026.56	887.12	4,713.24	4,709.17	0.00	0.00	0.00	
7,400.00	88.05	90.26	3,029.96	886.67	4,813.19	4,809.11	0.00	0.00	0.00	
7,500.00	88.05	90.26	3,033.35	886.22	4,913.13	4,909.06	0.00	0.00	0.00	
7,600.00	88.05	90.26	3,036.75	885.77	5,013.07	5,009.00	0.00	0.00	0.00	
7,700.00	88.05	90.26	3,040.14	885.32	5,113.01	5,108.94	0.00	0.00	0.00	
7,800.00	88.05	90.26	3,043.53	884.87	5,212.95	5,208.88	0.00	0.00	0.00	
7,900.00	88.05	90.26	3,046.93	884.42	5,312.89	5,308.83	0.00	0.00	0.00	
8,000.00	88.05	90.26	3,050.32	883.97	5,412.83	5,408.77	0.00	0.00	0.00	
8,100.00	88.05	90.26	3,053.72	883.52	5,512.78	5,508.71	0.00	0.00	0.00	
8,200.00	88.05	90.26	3,057.11	883.07	5,612.72	5,608.65	0.00	0.00	0.00	
8,300.00	88.05	90.26	3,060.51	882.62	5,712.66	5,708.59	0.00	0.00	0.00	
8,400.00	88.05	90.26	3,063.90	882.17	5,812.60	5,808.54	0.00	0.00	0.00	
8,500.00	88.05	90.26	3,067.30	881.72	5,912.54	5,908.48	0.00	0.00	0.00	
8,600.00	88.05	90.26	3,070.69	881.27	6,012.48	6,008.42	0.00	0.00	0.00	



**PROTOTYPE**  
Planning Report



<b>Database:</b>	EDM 5000.17 Single User Db	<b>Local Co-ordinate Reference:</b>	Well 10H
<b>Company:</b>	SPUR ENERGY PARTNERS, LLC	<b>TVD Reference:</b>	RKB = 20' @ 3350.00usft (AKITA 57)
<b>Project:</b>	EDDY COUNTY, NM (NAD 83 - NME)	<b>MD Reference:</b>	RKB = 20' @ 3350.00usft (AKITA 57)
<b>Site:</b>	MARGARET 23 FEE	<b>North Reference:</b>	Grid
<b>Well:</b>	10H	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	OH		
<b>Design:</b>	PERMIT		

Planned 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)	
8,676.96	88.05	90.26	3,073.30	880.93	6,089.40	6,085.34	0.00	0.00	0.00	
<b>5. MARGARET 10H LTP: 330' FNL, 100' FEL</b>										
8,700.00	88.05	90.26	3,074.08	880.82	6,112.42	6,108.36	0.00	0.00	0.00	
8,726.99	88.05	90.26	3,075.00	880.70	6,139.40	6,135.34	0.00	0.00	0.00	
<b>6. MARGARET 10H BHL: 330' FNL, 50' FEL</b>										

Design Targets										
Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude	
1. MARGARET 10H S - hit/miss target - Shape - Point	0.00	360.00	0.00	0.00	0.00	631,949.10	531,886.50	32.73726	-104.36407	
2. MARGARET 10H K - plan hits target center - Point	0.00	360.00	2,186.94	676.17	144.00	632,625.28	532,030.50	32.73912	-104.36361	
3. MARGARET 10H S - plan hits target center - Point	0.00	0.00	2,887.74	904.35	886.89	632,853.45	532,773.39	32.73975	-104.36119	
4. MARGARET 10H F - plan hits target center - Point	0.00	360.00	2,900.00	903.90	986.90	632,853.00	532,873.40	32.73975	-104.36086	
5. MARGARET 10H L - plan misses target center by 0.07usft at 8676.96usft MD (3073.30 TVD, 880.93 N, 6089.40 E) - Point	0.00	360.00	3,073.30	881.00	6,089.40	632,830.10	537,975.90	32.73969	-104.34427	
6. MARGARET 10H E - plan hits target center - Point	0.00	360.00	3,075.00	880.70	6,139.40	632,829.80	538,025.90	32.73969	-104.34411	

**Spur Energy Partners LLC – Margaret 23 Fee 10H**

**1. Geologic Formations**

TVD of Target	3,075'
MD at TD	8,727'

Formation	Depth	Lithology	Expected Fluids
Quaternary	0'	Dolomite, other: Caliche	Useable Water
Queen	30'	Anhydrite, Dolomite, Sandstone	None
Grayburg	665'	Anhydrite	None
San Andres	965'	Dolomite	Natural Gas, Oil
Glorieta	2450'	Dolomite, Siltstone	Natural Gas, Oil
Paddock	2565'	Dolomite, Limestone	Natural Gas, Oil
Upper Blinebry	3150'	Dolomite, Limestone	Natural Gas, Oil
Tubb	4015'	Dolomite, Limestone	Natural Gas, Oil

\*H2S, water flows, loss of circulation, abnormal pressures, etc.

**2. Casing Program**

All casing strings will be tested in accordance with Onshore Oil and Gas Order #2 III.B.1.h

Casing Formation Set Interval	Hole Size (in)	Casing Interval		Csg. Size (in)	Weight (lbs)	Grade	Conn.	SF	SF Burst	Body SF	Joint SF
		From (ft)	To (ft)					Collapse		Tension	Tension
San Andres	12.25	0	1250	9.625	36	J-55	BTC	1.125	1.2	1.4	1.4
N/A	8.75	0	3350	7	32	L-80	GBCD	1.125	1.2	1.4	1.4
Yeso	8.75	3350	8727	5.5	20	L-80	GBCD	1.125	1.2	1.4	1.4
SF Values will meet or Exceed											

**Spur Energy Partners LLC – Margaret 23 Fee 10H**

	Y or N
Is casing new? If used, attach certification as required in Onshore Order #1	Y
Does casing meet API specifications? If no, attach casing specification sheet.	Y
Is premium or uncommon casing planned? If yes attach casing specification sheet.	N
Does the above casing design meet or exceed BLM’s minimum standards? If not provide justification (loading assumptions, casing design criteria).	Y
Will the intermediate pipe be kept at a minimum 1/3 fluid filled to avoid approaching the collapse pressure rating of the casing?	Y
Is well located within Capitan Reef?	N
If yes, does production casing cement tie back a minimum of 50’ above the Reef?	
Is well within the designated 4 string boundary.	
Is well located in SOPA but not in R-111-P?	N
If yes, are the first 2 strings cemented to surface and 3 <sup>rd</sup> string cement tied back 500’ into previous casing?	
Is well located in R-111-P and SOPA?	N
If yes, are the first three strings cemented to surface?	
Is 2 <sup>nd</sup> string set 100’ to 600’ below the base of salt?	
Is well located in high Cave/Karst?	N
If yes, are there two strings cemented to surface?	N/A
Is well located in critical Cave/Karst?	N
If yes, are there three strings cemented to surface?	

**3. Cementing Program**

Casing String	Top (ft)	Bottom (ft)	% Excess
Surface (Lead)	0	950	50%
Surface (Tail)	950	1250	100%
Production (Lead)	0	2350	100%
Production (Tail)	2350	8727	25%

Casing String	# Sks	Wt. (lb/gal)	Yld (ft3/sack)	H2O (gal/sk)	500# Comp. Strength (hours)	Slurry Description
Surface (Lead)	204	12	2.4	13.48	8:12	Clas C Premium Plus Cement
Surface (Tail)	111	13.2	1.87	9.92	6:59	Clas C Premium Plus Cement
Production (Lead)	223	11.4	2.42	15.29	N/A	Clas C Premium Plus Cement
Production (Tail)	1213	13.2	1.56	9.81	N/A	Clas C Premium Plus Cement

**Spur Energy Partners LLC – Margaret 23 Fee 10H**

**4. Pressure Control Equipment**

**\*Spur Energy Partners LLC variance for flex hose\***

Spur requests a variance to use a flex line from the BOP to the choke manifold. Documentation will be attached in the APD and be readily available. No external damage to flex line. Flex line to be installed as straight as possible (no bends).

BOP installed and tested before drilling which hole?	Size?	Min. Required WP	Type	✓	Tested to:
12.25" Hole	13-5/8"	5M	Annular	✓	70% of working pressure
			Blind Ram	✓	250 psi / 3000 psi
		Pipe Ram	✓		
		Double Ram			
		Other*			
8.75" Hole	13-5/8"	5M	Annular	✓	70% of working pressure
			Blind Ram	✓	250 psi / 3000 psi
		Pipe Ram	✓		
		Double Ram			
		Other*			

**\*Spur Energy Partners LLC will be utilizing a 5M BOP\***

Condition	Specify what type and where?
BH Pressure at deepest TVD	1424 psi
Abnormal Temperature	No
BH Temperature at deepest TVD	105°F

\*Specify if additional ram is utilized.

BOP/BOPE will be tested by an independent service company to 250 psi low and the high pressure indicated above per Onshore Order 2 requirements. The System may be upgraded to a higher pressure but still tested to the working pressure listed in the table above. If the system is upgraded all the components installed will be functional and tested.

Pipe rams will be operationally checked each 24-hour period. Blind rams will be operationally checked on each trip out of the hole. These checks will be noted on the daily tour sheets. Other accessories to the BOP equipment will include a Kelly cock and floor safety valve (inside BOP) and choke lines and choke manifold. See attached schematics.

Formation integrity test will be performed per Onshore Order #2.
--

**Spur Energy Partners LLC – Margaret 23 Fee 10H**

	On Exploratory wells or on that portion of any well approved for a 5M BOPE system or greater, a pressure integrity test of each casing shoe shall be performed. Will be tested in accordance with Onshore Oil and Gas Order #2 III.B.1.i.
Y	Are anchors required by manufacturer?
	A conventional wellhead system will be employed. The wellhead and connection to the BOPE will meet all API 6A requirements. The BOP will be tested per Onshore Order #2 after installation on the surface casing which will cover testing requirements for a maximum of 30 days. See attached schematics.

**5. BOP Break Testing Request**

Spur Energy Partners LLC requests permission to adjust the BOP break testing requirements as follows:

BOP break test under the following conditions:

- After a full BOP test is conducted
- When skidding to drill the production section, where the surface casing point is shallower than the 3 Bone Spring or 10,000 TVD.
- When skidding to drill a production section that does not penetrate the 3<sup>rd</sup> Bone Spring or deeper.

If the kill line is broken prior to skid, four tests will be performed.

- 1) The void between the wellhead and the spool (this consists of two tests)
- 2) The spool between the kill lines and the choke manifold (this consists of two tests)

If the kill line is not broken prior to skid, two tests will be performed.

- 1) The void between the wellhead and the pipe rams

**6. Mud Program**

Sufficient mud materials to maintain mud properties and meet minimum lost circulation and weight increase requirements will be kept on location at all times. The following is a general list of products: Barite, Bentonite, Gypsum, Lime, Soda Ash, Caustic Soda, Nut Plug, Cedar Fiber, Cotton Seed Hulls, Drilling Paper, Salt Water Clay, CACL2. Spur will use a closed mud system.

Depth		Type	Weight (ppg)	Viscosity	Water Loss
From (ft)	To (ft)				
0	1250	Water-Based Mud	8.6-8.9	32-36	N/C
1250	8727	Water-Based Mud	8.6-8.9	32-36	N/C

What will be used to monitor the loss or gain of fluid?	PVT/PASON/Visual Monitoring
---	-----------------------------

**Spur Energy Partners LLC – Margaret 23 Fee 10H**

**7. Logging and Testing Procedures**

<b>Logging, Coring and Testing.</b>		
Yes	Will run GR from TD to surface (horizontal well – vertical portion of hole). Stated logs run will be in the Completion Report and submitted to the BLM.	
No	Logs are planned based on well control or offset log information.	
No	Drill stem test? If yes, explain	
No	Coring? If yes, explain	
<b>Additional logs planned</b>	<b>Interval</b>	
No	Resistivity	
No	Density	
No	CBL	
Yes	Mud log	SCP - TD
No	PEX	

**8. Drilling Conditions**

Pump high viscosity sweeps as needed for hole cleaning. The mud system will be monitored visually/manually as well as with an electronic PVT. The necessary mud products for additional weight and fluid loss control will be on location at all times. Appropriately weighted mud will be used to isolate potential gas, oil, and water zones until such time as casing can be cemented into place for zonal isolation.

Hydrogen Sulfide (H2S) monitors will be installed prior to drilling out the surface shoe. If H2S is detected in concentrations greater than 100 ppm, the operator will comply with the provisions of Onshore Oil and Gas Order #6. If Hydrogen Sulfide is encountered, measured values and formations will be provided to the BLM.	
N	H2S is present
Y	H2S Plan attached

**Total estimated cuttings volume:** 831.3 bbls.

**Spur Energy Partners LLC – Margaret 23 Fee 10H**

**9. Other facets of operation**

	Yes/No
Will more than one drilling rig be used for drilling operations? If yes, describe. Spur Energy Partners LLC. requests the option to contract a Surface Rig to drill, set surface casing, and cement for this well. If the timing between rigs is such that Spur Energy Partners LLC. would not be able to preset surface, the Primary Rig will MIRU and drill the well in its entirety per the APD. Please see the attached document for information on the spudder rig.	Yes

Attachments

- Directional Plan
- H2S Contingency Plan
- Akita 57 Attachments
- BOP Schematics
- Transcend Spudder Rig Attachments

**10. Company Personnel**

Name	Title	Office Phone	Mobile Phone
Christopher Hollis	D&C Manager	832-930-8629	713-380-7754
Ryan Barber	Senior D&C Engineer	832-930-8502	832-544-9267
Johnny Nabors	EVP Operations	832-930-8502	281-904-8811



**Permian Drilling**  
**Hydrogen Sulfide Drilling Operations Plan**  
**MARGARET 23 FEE DEVELOPMENT**

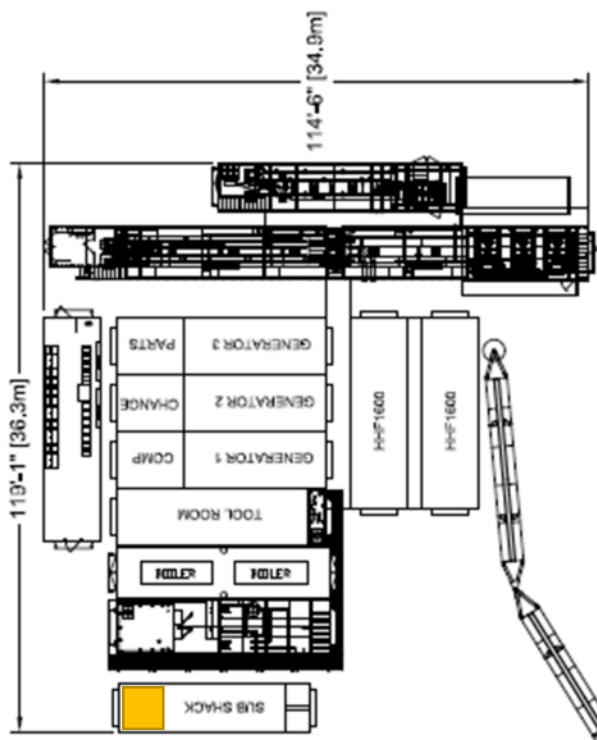
Open drill site. No homes or buildings are near the proposed location.

1. Escape

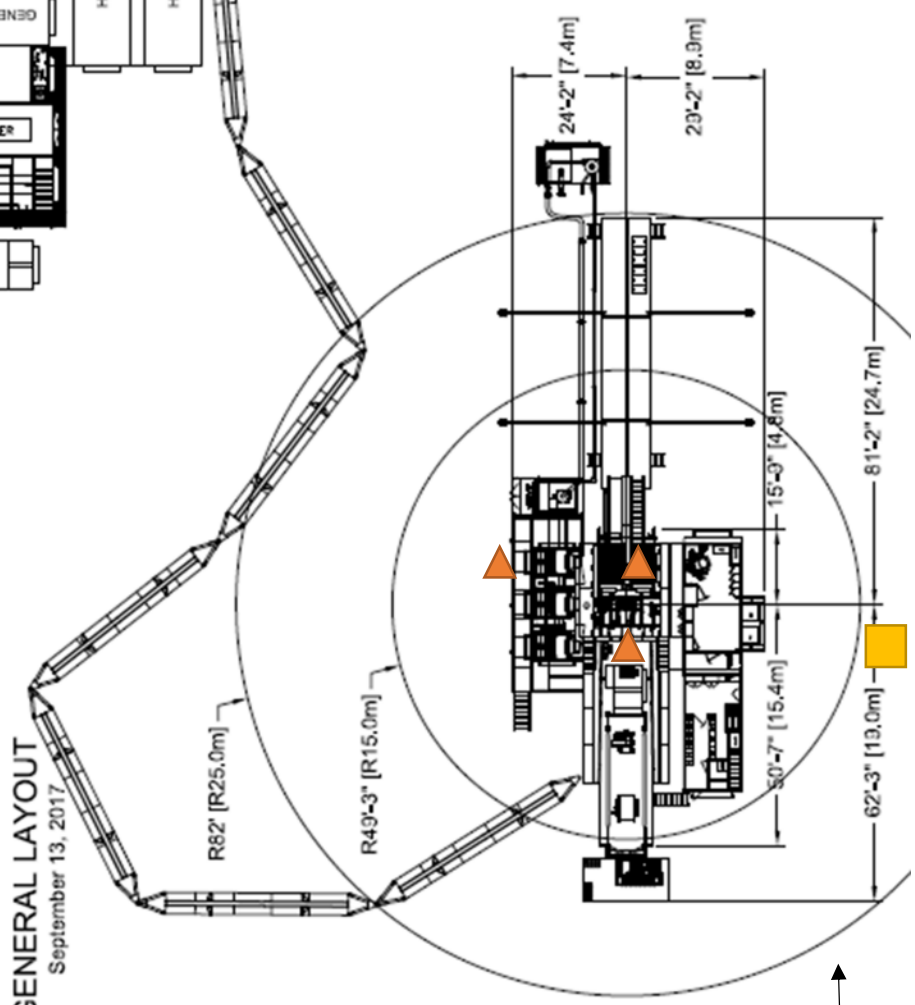
Personnel shall escape upwind of wellbore in the even of an emergency gas release.

Escape can take place through the lease road on the Southeast side of the location.

Personnel need to move to a safe distance and block the entrance to location. If the primary route is not an option due to the wind direction, then secondary egress route should be taken.



- ▲ H2S Detectors. At least three detectors will be installed: bell nipple, rig floor, and Shakers.
  - Briefing Areas. At least two briefing areas will be placed, 9 deg off.
  - Wind direction indicators. Visible from rig floor and from the mud pits area.
- A gas buster is connected to both the choke manifold and the flowline outlets.



**AKITA DRILLING LTD.**  
**RIG 57**  
 GENERAL LAYOUT  
 September 13, 2017

**Wind:** Prevailing winds are from the Southwest.

Primary Briefing Area

Secondary Egress

Secondary Briefing Area

Exit to road. Caution sign placed here.

State of New Mexico  
Energy, Minerals and Natural Resources Department

Submit Electronically  
Via E-permitting

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

## NATURAL GAS MANAGEMENT PLAN

This Natural Gas Management Plan must be submitted with each Application for Permit to Drill (APD) for a new or recompleted well.

### Section 1 – Plan Description Effective May 25, 2021

**I. Operator:** SPUR ENERGY PARTNERS LLC **OGRID:** 328947 **Date:** 03/11/2026

**II. Type:**  Original  Amendment due to  19.15.27.9.D(6)(a) NMAC  19.15.27.9.D(6)(b) NMAC  Other.

If Other, please describe: \_\_\_\_\_

**III. Well(s):** Provide the following information for each new or recompleted well or set of wells proposed to be drilled or proposed to be recompleted from a single well pad or connected to a central delivery point.

Well Name	API	ULSTR	Footages	Anticipated Oil BBL/D	Anticipated Gas MCF/D	Anticipated Produced Water BBL/D
MARGARET 23 FEE 10H	30-015-	A-22-18S-26E	1233' FNL 884' FEL	359 BBL/D	451 MCF/D	1945 BBL/D
MARGARET 23 FEE 11H	30-015-	A-22-18S-26E	1233' FNL 864' FEL	359 BBL/D	451 MCF/D	1945 BBL/D
MARGARET 23 FEE 20H	30-015-	A-22-18S-26E	1233' FNL 904' FEL	359 BBL/D	451 MCF/D	1945 BBL/D
MARGARET 23 FEE 60H	30-015-	A-22-18S-26E	1233' FNL 824' FEL	334 BBL/D	291 MCF/D	2247 BBL/D
MARGARET 23 FEE 90H	30-015	A-22-18S-26E	1233' FNL 844' FEL	289 BBL/D	425 MCF/D	1529 BBL/D

**IV. Central Delivery Point Name:** MARGARET 23 FEE TANK BATTERY [See 19.15.27.9(D)(1) NMAC]

**V. Anticipated Schedule:** Provide the following information for each new or recompleted well or set of wells proposed to be drilled or proposed to be recompleted from a single well pad or connected to a central delivery point.

Well Name	API	Spud Date	TD Reached Date	Completion Commencement Date	Initial Flow Back Date	First Production Date
MARGARET 23 FEE 10H	30-015-	04/04/2026	05/09/2026	06/07/2026	06/11/2026	07/12/2026
MARGARET 23 FEE 11H	30-015	04/05/2026	05/14/2026	06/07/2026	06/11/2026	07/12/2026
MARGARET 23 FEE 20H	30-015-	04/06/2026	05/19/2026	06/07/2026	06/11/2026	07/12/2026
MARGARET 23 FEE 60H	30-015-	04/07/2026	05/25/2026	06/07/2026	06/11/2026	07/12/2026
MARGARET 23 FEE 90H	30-015-	04/08/2026	05/31/2026	06/07/2026	06/11/2026	07/12/2026

**VI. Separation Equipment:**  Attach a complete description of how Operator will size separation equipment to optimize gas capture.

**VII. Operational Practices:**  Attach a complete description of the actions Operator will take to comply with the requirements of Subsection A through F of 19.15.27.8 NMAC.

**VIII. Best Management Practices:**  Attach a complete description of Operator's best management practices to minimize venting during active and planned maintenance.

**Section 2 – Enhanced Plan**  
**EFFECTIVE APRIL 1, 2022**

Beginning April 1, 2022, an operator that is not in compliance with its statewide natural gas capture requirement for the applicable reporting area must complete this section.

Operator certifies that it is not required to complete this section because Operator is in compliance with its statewide natural gas capture requirement for the applicable reporting area.

**IX. Anticipated Natural Gas Production:**

Well	API	Anticipated Average Natural Gas Rate MCF/D	Anticipated Volume of Natural Gas for the First Year MCF

**X. Natural Gas Gathering System (NGGS):**

Operator	System	ULSTR of Tie-in	Anticipated Gathering Start Date	Available Maximum Daily Capacity of System Segment Tie-in

**XI. Map.**  Attach an accurate and legible map depicting the location of the well(s), the anticipated pipeline route(s) connecting the production operations to the existing or planned interconnect of the natural gas gathering system(s), and the maximum daily capacity of the segment or portion of the natural gas gathering system(s) to which the well(s) will be connected.

**XII. Line Capacity.** The natural gas gathering system  will  will not have capacity to gather 100% of the anticipated natural gas production volume from the well prior to the date of first production.

**XIII. Line Pressure.** Operator  does  does not anticipate that its existing well(s) connected to the same segment, or portion, of the natural gas gathering system(s) described above will continue to meet anticipated increases in line pressure caused by the new well(s).

Attach Operator’s plan to manage production in response to the increased line pressure.

**XIV. Confidentiality:**  Operator asserts confidentiality pursuant to Section 71-2-8 NMSA 1978 for the information provided in Section 2 as provided in Paragraph (2) of Subsection D of 19.15.27.9 NMAC, and attaches a full description of the specific information for which confidentiality is asserted and the basis for such assertion.

### Section 3 - Certifications

Effective May 25, 2021

Operator certifies that, after reasonable inquiry and based on the available information at the time of submittal:

Operator will be able to connect the well(s) to a natural gas gathering system in the general area with sufficient capacity to transport one hundred percent of the anticipated volume of natural gas produced from the well(s) commencing on the date of first production, taking into account the current and anticipated volumes of produced natural gas from other wells connected to the pipeline gathering system; or

Operator will not be able to connect to a natural gas gathering system in the general area with sufficient capacity to transport one hundred percent of the anticipated volume of natural gas produced from the well(s) commencing on the date of first production, taking into account the current and anticipated volumes of produced natural gas from other wells connected to the pipeline gathering system.

***If Operator checks this box, Operator will select one of the following:***

**Well Shut-In.**  Operator will shut-in and not produce the well until it submits the certification required by Paragraph (4) of Subsection D of 19.15.27.9 NMAC; or

**Venting and Flaring Plan.**  Operator has attached a venting and flaring plan that evaluates and selects one or more of the potential alternative beneficial uses for the natural gas until a natural gas gathering system is available, including:

- (a) power generation on lease;
- (b) power generation for grid;
- (c) compression on lease;
- (d) liquids removal on lease;
- (e) reinjection for underground storage;
- (f) reinjection for temporary storage;
- (g) reinjection for enhanced oil recovery;
- (h) fuel cell production; and
- (i) other alternative beneficial uses approved by the division.

### Section 4 - Notices

1. If, at any time after Operator submits this Natural Gas Management Plan and before the well is spud:

(a) Operator becomes aware that the natural gas gathering system it planned to connect the well(s) to has become unavailable or will not have capacity to transport one hundred percent of the production from the well(s), no later than 20 days after becoming aware of such information, Operator shall submit for OCD's approval a new or revised venting and flaring plan containing the information specified in Paragraph (5) of Subsection D of 19.15.27.9 NMAC; or

(b) Operator becomes aware that it has, cumulatively for the year, become out of compliance with its baseline natural gas capture rate or natural gas capture requirement, no later than 20 days after becoming aware of such information, Operator shall submit for OCD's approval a new or revised Natural Gas Management Plan for each well it plans to spud during the next 90 days containing the information specified in Paragraph (2) of Subsection D of 19.15.27.9 NMAC, and shall file an update for each Natural Gas Management Plan until Operator is back in compliance with its baseline natural gas capture rate or natural gas capture requirement.

2. OCD may deny or conditionally approve an APD if Operator does not make a certification, fails to submit an adequate venting and flaring plan which includes alternative beneficial uses for the anticipated volume of natural gas produced, or if OCD determines that Operator will not have adequate natural gas takeaway capacity at the time a well will be spud.

I certify that, after reasonable inquiry, the statements in and attached to this Natural Gas Management Plan are true and correct to the best of my knowledge and acknowledge that a false statement may be subject to civil and criminal penalties under the Oil and Gas Act.

Signature:	<i>Sarah Savino</i>
Printed Name:	SARAH SAVINO
Title:	REGULATORY DIRECTOR
E-mail Address:	SSAVINO@SPUREENERGY.COM
Date:	03/11/2026
Phone:	832-930-8613
<b>OIL CONSERVATION DIVISION</b> <b>(Only applicable when submitted as a standalone form)</b>	
Approved By:	
Title:	
Approval Date:	
Conditions of Approval:	