

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

State of New Mexico
 Energy, Minerals and Natural Resources

Form C-103
 Revised July 18, 2013

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

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.) 1. Type of Well: Oil Well ☒ Gas Well ☐ Other ☐ 2. Name of Operator SPUR ENERGY PARTNERS LLC 3. Address of Operator 9655 KATY FREEWAY, SUITE 500, HOUSTON, TX 77024 4. Well Location Unit Letter D : 935 feet from the NORTH line and 80 feet from the WEST line Section 36 Township 18S Range 25E NMPM EDDY County 11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3477' GR		WELL API NO. 30-015-49172 5. Indicate Type of Lease STATE ☒ FEE ☐ 6. State Oil & Gas Lease No. 7. Lease Name or Unit Agreement Name PINTO 36 STATE 8. Well Number 70H 9. OGRID Number 328947 10. Pool name or Wildcat PENASCO DRAW; SA-YESO (ASSOC)
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12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO: PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐ TEMPORARILY ABANDON ☐ CHANGE PLANS ☒ PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐ DOWNHOLE COMMINGLE ☐ CLOSED-LOOP SYSTEM ☐ OTHER: ☐	SUBSEQUENT REPORT OF: REMEDIAL WORK ☐ ALTERING CASING ☐ COMMENCE DRILLING OPNS. ☐ P AND A ☐ CASING/CEMENT JOB ☐ OTHER: ☐
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13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

Spur Energy Partners LLC respectfully requests to shift this wellbore 500 feet to the south. The surface hole location will remain the same.

Please find updated C-102, directional plan and drill plan attached for your use.

Current:

SHL: 935' FNL 80' FWL
 FTP: 1080' FNL 100' FWL
 LTP: 1080' FNL 100' FEL
 BHL: 1080' FNL 50' FWL

Proposed:

SHL: 935' FNL 80' FWL
 FTP: 1580' FNL 100' FWL
 LTP: 1580' FNL 100' FEL
 BHL: 1580' FNL 50' FEL

Spud Date:

Rig Release Date:

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

SIGNATURE Sarah Chapman TITLE REGUALTORY DIRECTOR DATE 01/10/2022

Type or print name SARAH CHAPMAN E-mail address: SCHAPMAN@SPURENERGY.COM PHONE: 832-930-8613

For State Use Only

APPROVED BY: John Garcia TITLE Petroleum Engineer DATE 1/21/2022

Conditions of Approval (if any):

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

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

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

☒ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-015-49172	² Pool Code 50270	³ Pool Name PENASCO DRAW; SA-YESO (ASSOC)
⁴ Property Code 326726	⁵ Property Name PINTO 36 STATE	⁶ Well Number 70H
⁷ OGRID NO. 328947	⁸ Operator Name SPUR ENERGY PARTNERS LLC.	⁹ Elevation 3477'

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
D	36	18S	25E		935	NORTH	80	WEST	EDDY

¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
H	36	18S	25E		1580	NORTH	50	EAST	EDDY
¹² Dedicated Acres 320	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.

GEODETTIC DATA
NAD 83 GRID - NM EAST

SURFACE LOCATION (SL)
N: 621702.9 - E: 506527.2

FIRST TAKE POINT (FTP)
1580' FNL & 100' FWL
N: 621058.0 - E: 506535.1

LAST TAKE POINT (LTP)
1580' FNL & 100' FEL
N: 621054.7 - E: 511606.8

BOTTOM HOLE (BH)
N: 621055.0 - E: 511656.8

CORNER DATA
NAD 83 GRID - NM EAST

A: FOUND 1 1/2" REBAR
N: 617394.9 - E: 506366.1

B: FOUND 1 1/2" REBAR
N: 622638.0 - E: 506464.9

C: FOUND 1" PIPE
N: 622621.5 - E: 509081.0

D: FOUND 1" PIPE
N: 622634.8 - E: 511695.7

E: FOUND 1 1/2" REBAR
N: 617278.5 - E: 511733.2

F: FOUND 1 1/2" REBAR
N: 617337.1 - E: 509045.5

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.

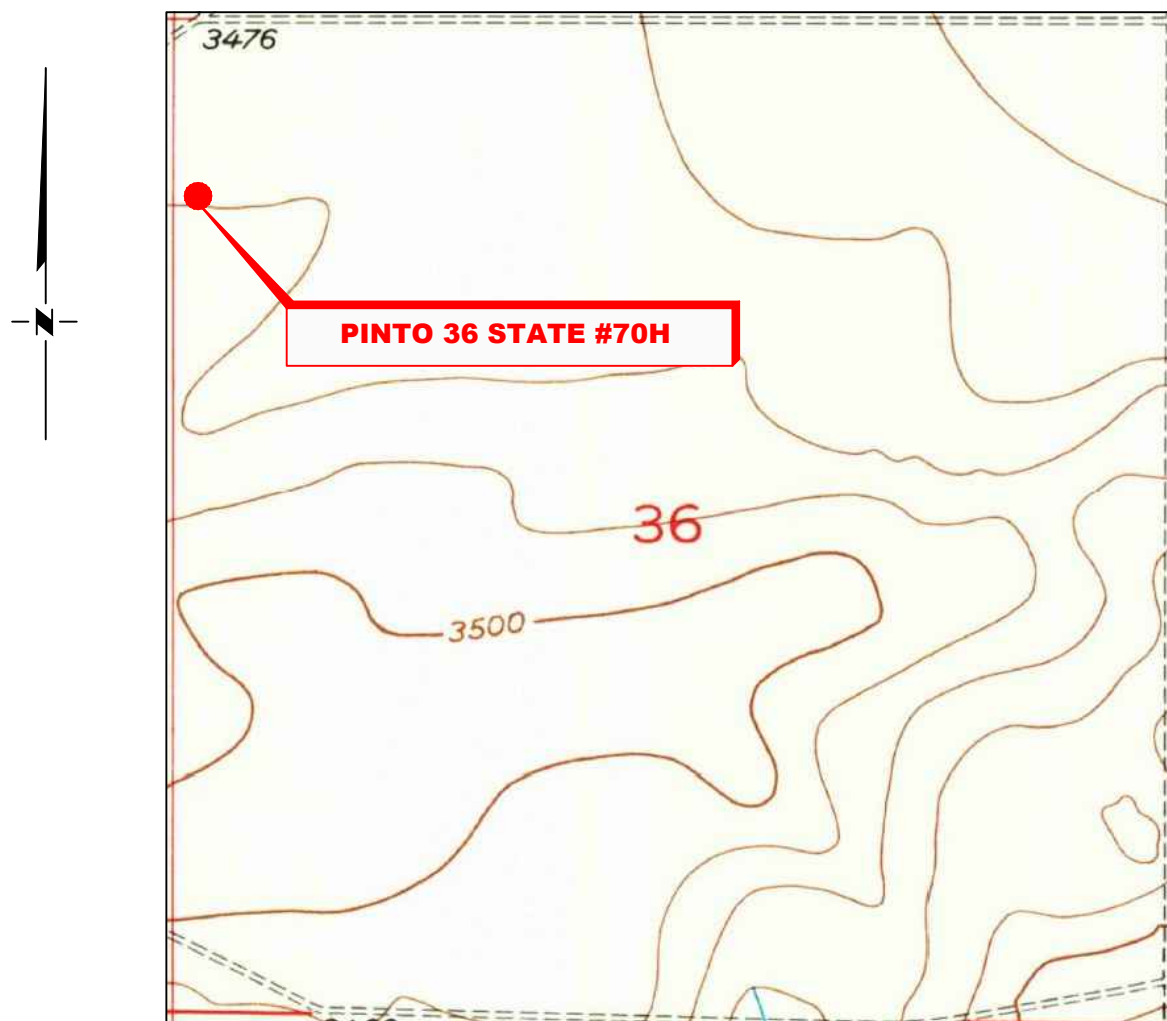
Sarah Chapman 01/07/2022
Signature Date
SARAH CHAPMAN
Printed Name
SCHAPMAN@SPURENERGY.COM
E-mail Address

18 SURVEYOR CERTIFICATION
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

07/06/2021
Date of Survey
Signature and Seal of Professional Surveyor
19680
Certificate Number
REV: FTP, LTP, & BH MOVE 01/05/22
LS20110699R2

LOCATION VERIFICATION MAP

NOT TO SCALE



*SECTION 36, TWP. 18 SOUTH, RGE. 25 EAST,
N. M. P. M., EDDY COUNTY, NEW MEXICO*

OPERATOR: Spur Energy Partners LLC.
 LEASE: Pinto 36 State
 WELL NO.: 70H
 ELEVATION: 3477'

LOCATION: 935' FNL & 80' FWL
 CONTOUR INTERVAL: 10'
 USGS TOPO. SOURCE MAP:
Dayton, NM (1955)

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RRC



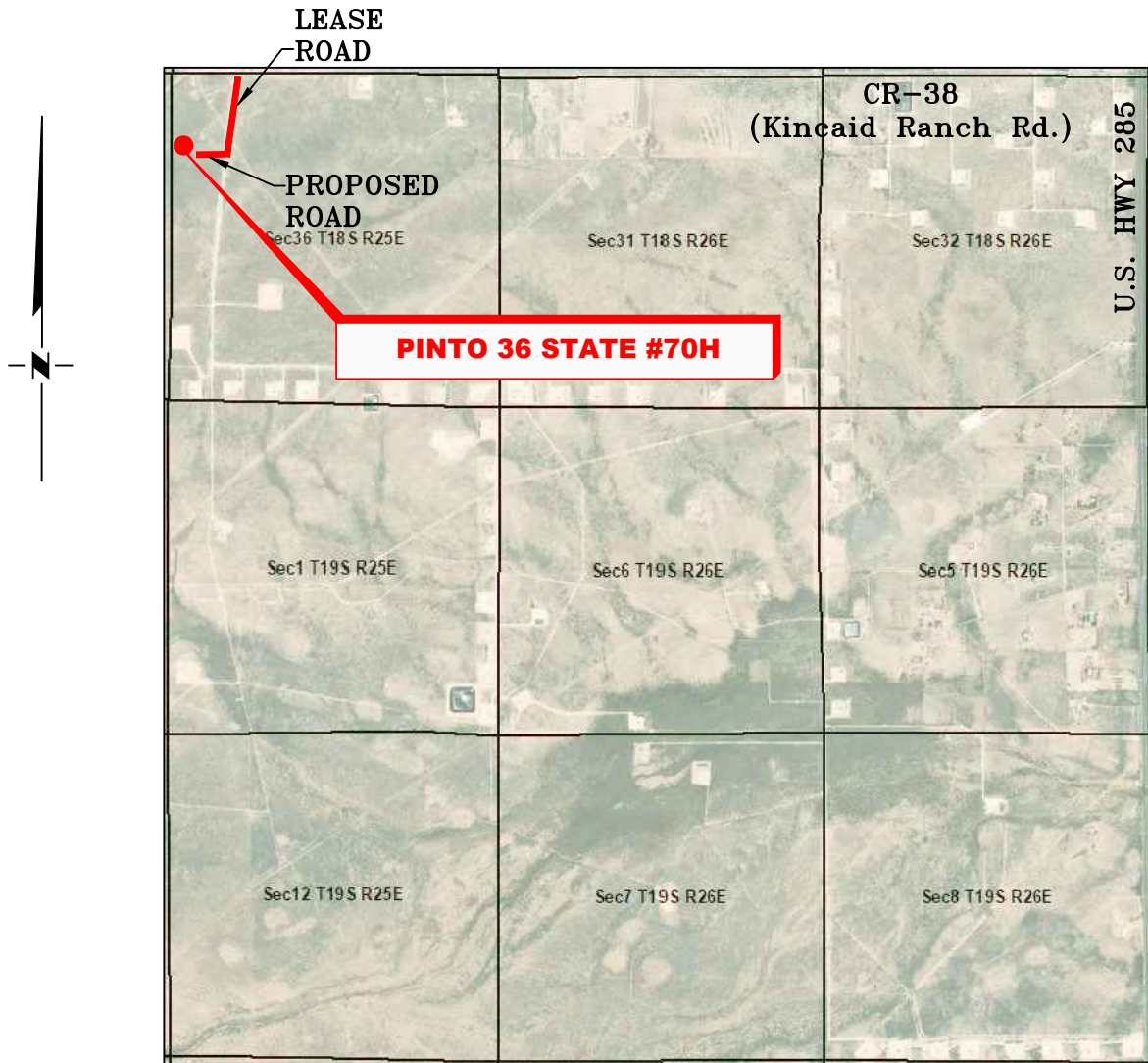
701 S. CECIL ST., HOBBS, NM 88240 (575) 964-8200

NO.	REVISION	DATE
JOB NO.: LS20110699R		
DWG. NO.: 20110699R-2		

SCALE: 1" = 1000'
DATE: 07/06/2021
SURVEYED BY: JF/EU
DRAWN BY: RQ
APPROVED BY: RMH
SHEET: 1 OF 1

VICINITY MAP

NOT TO SCALE



*SECTION 36, TWP. 18 SOUTH, RGE. 25 EAST,
N. M. P. M., EDDY CO., NEW MEXICO*

OPERATOR: Spur Energy Partners LLC.LOCATION: 935' FNL & 80' FWLLEASE: Pinto 36 StateELEVATION: 3477'WELL NO.: 70H

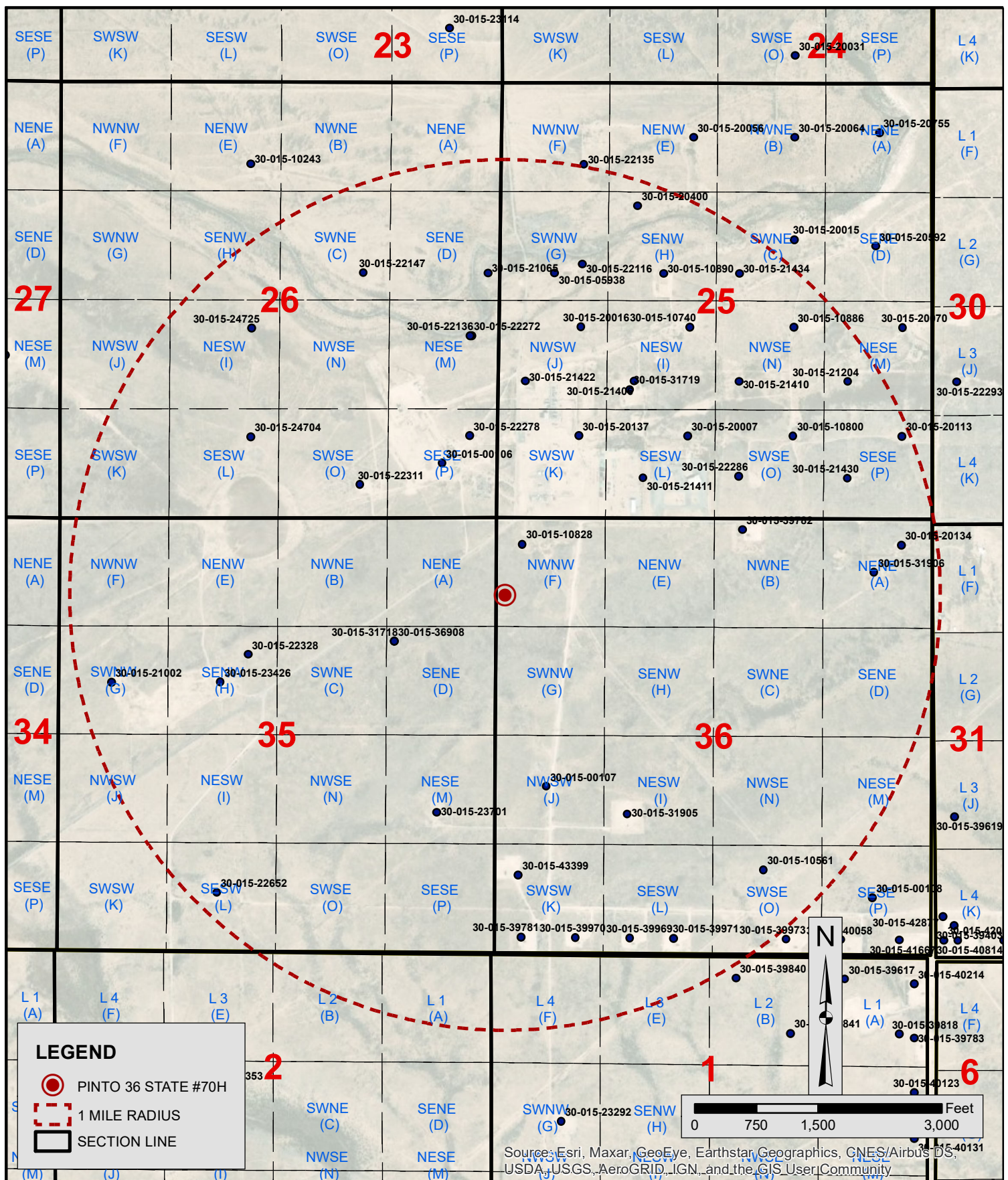
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NO.	REVISION	DATE
JOB NO.: LS20110699R		
DWG. NO.: 20110699R-3		



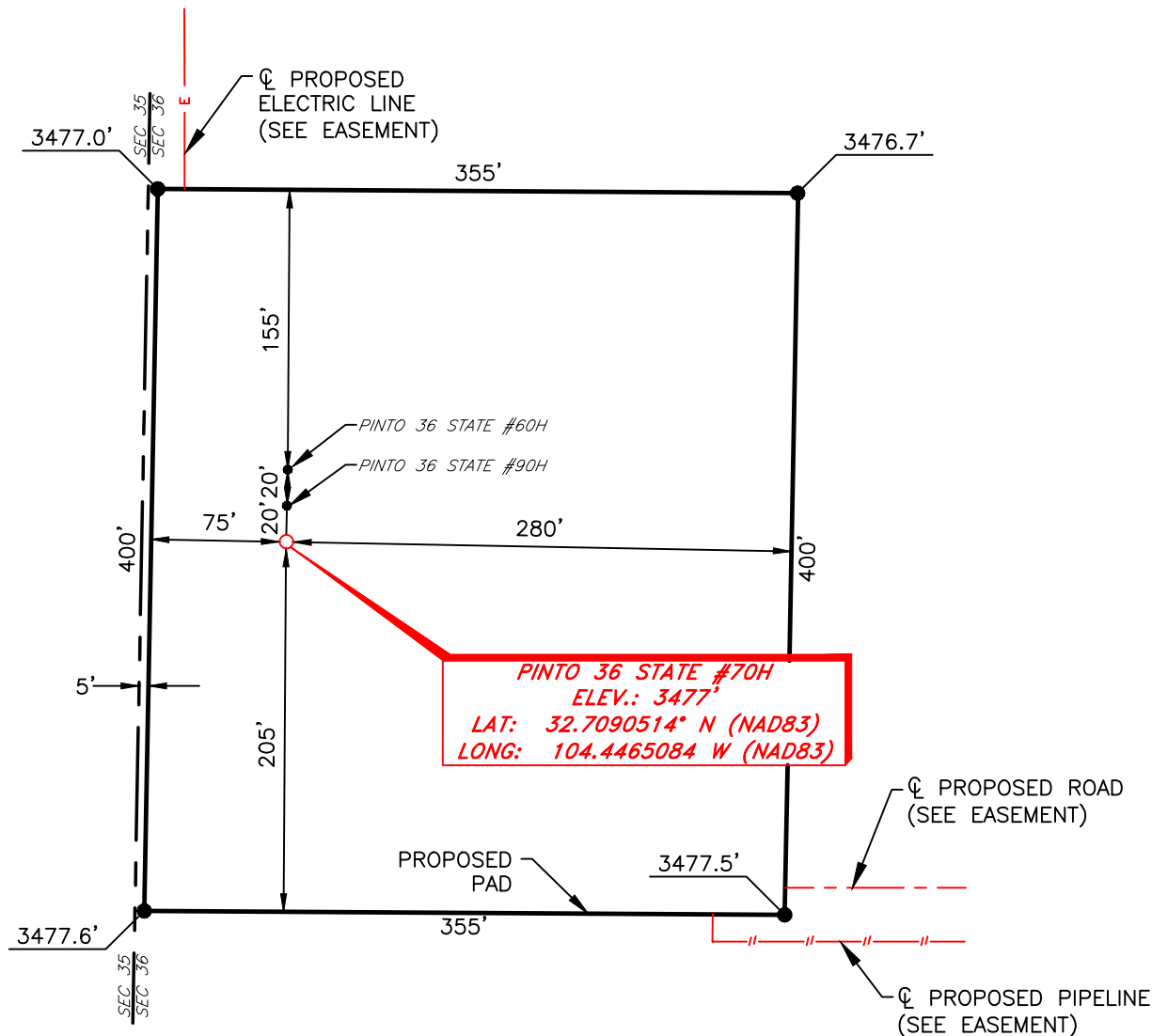
701 S. CECIL ST., HOBBS, NM 88240 (575) 964-8200

SCALE: N. T. S.
DATE: 07/06/2021
SURVEYED BY: JF/EU
DRAWN BY: RQ
APPROVED BY: RMH
SHEET: 1 OF 1



RRC SURVEYING 701 S. Cecil, Hobbs, NM 88240 (575) 964-8200	PINTO 36 STATE #70H (935' FNL & 80' FWL) Section 36, Township 18 South, Range 25 East, N. M. P. M., Eddy County, New Mexico		SPUR ENERGY PARTNERS
Date: 07/06/2021	ONE MILE RADIUS MAP		Approved By: RMH
Surveyed By: JF/EU	Job No. LS20110699R	Dwg. No. 1-MILE (5,280 Ft.) - RADIUS	Drawn By: RQ

SPUR ENERGY PARTNERS LLC.
PINTO 36 STATE #70H
(935' FNL & 80' FWL)
SECTION 36, T18S, R25E
N. M. P. M., EDDY COUNTY, NEW MEXICO



DIRECTIONS TO LOCATION

From the intersection of U.S. Hwy #285 and CR #38 (Kincaid Ranch Rd.);
Go West on CR #38 approx. 2.8 miles to a lease road on the left;
Turn left and go South approx. 0.2 miles to a proposed road on the right;
Turn right and go West approx. 0.1 miles to location on the right.

THIS IS NOT A BOUNDARY SURVEY, APPARENT PROPERTY CORNERS AND PROPERTY LINES ARE SHOWN FOR INFORMATION ONLY. BOUNDARY DATA IS SHOWN FROM A PREVIOUS SURVEY REFERENCED HEREON.



SCALE: 1" = 100'
0 50 100
BEARINGS ARE
NAD 83 GRID - NM EAST
DISTANCES ARE GROUND

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NO.	REVISION	DATE
JOB NO.: LS201106599R		
DWG. NO.: 20110699R-4		



701 S. CECIL ST., HOBBS, NM 88240 (575) 964-8200

SCALE: 1" = 100'
DATE: 07/06/2021
SURVEYED BY: JF/EU
DRAWN BY: RQ
APPROVED BY: RMH
SHEET: 1 OF 1



Spur Energy Partners, LLC

Eddy County, NM (NAD 83 - NME)

PINTO 36 STATE

70H

Wellbore #1

Plan: PLAN #2

Standard Planning Report

10 January, 2022



Planning Report

Database:	WBDS_SQL_2	Local Co-ordinate Reference:	Well 70H
Company:	Spur Energy Partners, LLC	TVD Reference:	RKB = 20' @ 3497.00usft (AKITA 57)
Project:	Eddy County, NM (NAD 83 - NME)	MD Reference:	RKB = 20' @ 3497.00usft (AKITA 57)
Site:	PINTO 36 STATE	North Reference:	Grid
Well:	70H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	PLAN #2		

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

Site		PINTO 36 STATE			
Site Position:		Northing:	621,742.90 usft	Latitude:	32.7091615
From:	Map	Easting:	506,528.10 usft	Longitude:	-104.4465057
Position Uncertainty:	0.00 usft	Slot Radius:	13.200 in	Grid Convergence:	-0.061 °

Well	70H					
Well Position	+N/-S	-40.00 usft	Northing:	621,702.90 usft	Latitude:	32.7090515
	+E/-W	-0.90 usft	Easting:	506,527.20 usft	Longitude:	-104.4465085
Position Uncertainty		0.00 usft	Wellhead Elevation:		Ground Level:	3,477.00 usft

Wellbore	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2020	12/14/21	6.929	60.194	47,636.40239032

Design	PLAN #2				
Audit Notes:					
Version:		Phase:	PLAN	Tie On Depth:	0.00
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)	
	0.00	0.00	0.00	90.03	

Plan Survey Tool Program	Date	01/07/22			
Depth From (usft)	Depth To (usft)	Survey (Wellbore)	Tool Name	Remarks	
1	0.00	8,629.67	PLAN #2 (Wellbore #1)	MWD+IGRF	
				OWSG MWD + IGRF or WM	

Plan Sections										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	TFO (°)	Target
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	
300.00	0.00	0.00	300.00	0.00	0.00	0.00	0.00	0.00	0.000	
1,133.46	25.00	225.96	1,107.26	-124.44	-128.67	3.00	3.00	0.00	225.958	
2,313.79	25.00	225.96	2,176.96	-471.26	-487.29	0.00	0.00	0.00	0.000	
3,301.77	60.00	90.03	3,007.78	-645.13	-155.15	8.00	3.54	-13.76	-142.152	
3,501.77	60.00	90.03	3,107.78	-645.22	18.05	0.00	0.00	0.00	0.000	
3,782.17	88.04	90.03	3,184.21	-645.36	284.94	10.00	10.00	0.00	0.000	
8,629.67	88.04	90.03	3,350.00	-647.90	5,129.60	0.00	0.00	0.00	0.000	6. BHL 70H: 1580' F



Planning Report

Database:	WBDS_SQL_2	Local Co-ordinate Reference:	Well 70H
Company:	Spur Energy Partners, LLC	TVD Reference:	RKB = 20' @ 3497.00usft (AKITA 57)
Project:	Eddy County, NM (NAD 83 - NME)	MD Reference:	RKB = 20' @ 3497.00usft (AKITA 57)
Site:	PINTO 36 STATE	North Reference:	Grid
Well:	70H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	PLAN #2		

Planned Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1. SHL 70H: 935' FNL, 80' FWL									
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	3.00	225.96	399.95	-1.82	-1.88	-1.88	3.00	3.00	0.00
500.00	6.00	225.96	499.63	-7.27	-7.52	-7.52	3.00	3.00	0.00
600.00	9.00	225.96	598.77	-16.35	-16.90	-16.89	3.00	3.00	0.00
700.00	12.00	225.96	697.08	-29.01	-30.00	-29.99	3.00	3.00	0.00
800.00	15.00	225.96	794.31	-45.24	-46.78	-46.76	3.00	3.00	0.00
900.00	18.00	225.96	890.18	-64.98	-67.19	-67.16	3.00	3.00	0.00
1,000.00	21.00	225.96	984.43	-88.19	-91.18	-91.14	3.00	3.00	0.00
1,100.00	24.00	225.96	1,076.81	-114.79	-118.69	-118.63	3.00	3.00	0.00
1,133.46	25.00	225.96	1,107.26	-124.44	-128.67	-128.60	3.00	3.00	0.00
1,200.00	25.00	225.96	1,167.56	-143.99	-148.88	-148.81	0.00	0.00	0.00
1,300.00	25.00	225.96	1,258.19	-173.37	-179.27	-179.17	0.00	0.00	0.00
1,400.00	25.00	225.96	1,348.82	-202.75	-209.65	-209.54	0.00	0.00	0.00
1,500.00	25.00	225.96	1,439.44	-232.14	-240.03	-239.91	0.00	0.00	0.00
1,600.00	25.00	225.96	1,530.07	-261.52	-270.42	-270.28	0.00	0.00	0.00
1,700.00	25.00	225.96	1,620.70	-290.91	-300.80	-300.65	0.00	0.00	0.00
1,800.00	25.00	225.96	1,711.33	-320.29	-331.18	-331.02	0.00	0.00	0.00
1,900.00	25.00	225.96	1,801.95	-349.68	-361.57	-361.38	0.00	0.00	0.00
2,000.00	25.00	225.96	1,892.58	-379.06	-391.95	-391.75	0.00	0.00	0.00
2,100.00	25.00	225.96	1,983.21	-408.44	-422.33	-422.12	0.00	0.00	0.00
2,200.00	25.00	225.96	2,073.84	-437.83	-452.72	-452.49	0.00	0.00	0.00
2,300.00	25.00	225.96	2,164.47	-467.21	-483.10	-482.86	0.00	0.00	0.00
2,313.78	25.00	225.96	2,176.96	-471.26	-487.29	-487.04	0.00	0.00	0.00
2. KOP 70H @ 2313.79' MD									
2,350.00	22.78	221.36	2,210.07	-481.85	-497.43	-497.17	8.00	-6.14	-12.68
2,400.00	19.98	213.51	2,256.64	-496.24	-508.54	-508.28	8.00	-5.60	-15.72
2,450.00	17.63	203.44	2,303.98	-510.32	-516.27	-516.01	8.00	-4.70	-20.13
2,500.00	15.92	190.86	2,351.86	-524.01	-520.58	-520.31	8.00	-3.41	-25.15
2,550.00	15.09	176.19	2,400.06	-537.24	-521.44	-521.16	8.00	-1.67	-29.35
2,600.00	15.26	160.88	2,448.34	-549.96	-518.85	-518.57	8.00	0.35	-30.62
2,650.00	16.42	146.81	2,496.45	-562.10	-512.83	-512.53	8.00	2.31	-28.15
2,700.00	18.37	135.09	2,544.18	-573.59	-503.39	-503.09	8.00	3.90	-23.44
2,750.00	20.89	125.82	2,591.28	-584.39	-490.60	-490.29	8.00	5.05	-18.53
2,800.00	23.81	118.60	2,637.53	-594.45	-474.50	-474.19	8.00	5.83	-14.44
2,850.00	26.99	112.94	2,682.70	-603.70	-455.19	-454.87	8.00	6.36	-11.34
2,900.00	30.35	108.41	2,726.57	-612.12	-432.75	-432.43	8.00	6.72	-9.05
2,950.00	33.84	104.72	2,768.93	-619.65	-407.29	-406.96	8.00	6.98	-7.37
3,000.00	37.42	101.66	2,809.56	-626.26	-378.93	-378.61	8.00	7.16	-6.13
3,050.00	41.07	99.06	2,848.28	-631.92	-347.82	-347.49	8.00	7.30	-5.20
3,100.00	44.76	96.82	2,884.90	-636.59	-314.11	-313.78	8.00	7.40	-4.48
3,150.00	48.50	94.85	2,919.23	-640.27	-277.96	-277.62	8.00	7.47	-3.93
3,200.00	52.27	93.10	2,951.10	-642.93	-239.54	-239.21	8.00	7.53	-3.50
3,250.00	56.06	91.52	2,980.37	-644.55	-199.05	-198.71	8.00	7.58	-3.16
3,301.77	60.00	90.03	3,007.78	-645.13	-155.15	-154.81	8.00	7.62	-2.89
3,400.00	60.00	90.03	3,056.90	-645.18	-70.08	-69.74	0.00	0.00	0.00
3,501.77	60.00	90.03	3,107.78	-645.22	18.05	18.39	0.00	0.00	0.00
3,523.91	62.21	90.03	3,118.48	-645.23	37.43	37.77	10.00	10.00	0.00
3. FTP 70H: 1580' FNL, 100' FWL									
3,550.00	64.82	90.03	3,130.11	-645.25	60.79	61.13	10.00	10.00	0.00



Planning Report

Database:	WBDS_SQL_2	Local Co-ordinate Reference:	Well 70H
Company:	Spur Energy Partners, LLC	TVD Reference:	RKB = 20' @ 3497.00usft (AKITA 57)
Project:	Eddy County, NM (NAD 83 - NME)	MD Reference:	RKB = 20' @ 3497.00usft (AKITA 57)
Site:	PINTO 36 STATE	North Reference:	Grid
Well:	70H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	PLAN #2		

Planned Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	
3,600.00	69.82	90.03	3,149.38	-645.27	106.91	107.25	10.00	10.00	0.00	
3,650.00	74.82	90.03	3,164.56	-645.30	154.53	154.87	10.00	10.00	0.00	
3,700.00	79.82	90.03	3,175.53	-645.32	203.30	203.64	10.00	10.00	0.00	
3,750.00	84.82	90.03	3,182.21	-645.35	252.83	253.17	10.00	10.00	0.00	
3,782.17	88.04	90.03	3,184.21	-645.36	284.94	285.28	10.00	10.00	0.00	
4. PLAN LP 70H: 1580' FNL, 377' FWL										
3,800.00	88.04	90.03	3,184.82	-645.37	302.76	303.10	0.00	0.00	0.00	
3,900.00	88.04	90.03	3,188.24	-645.43	402.70	403.04	0.00	0.00	0.00	
4,000.00	88.04	90.03	3,191.66	-645.48	502.64	502.98	0.00	0.00	0.00	
4,100.00	88.04	90.03	3,195.08	-645.53	602.58	602.92	0.00	0.00	0.00	
4,200.00	88.04	90.03	3,198.50	-645.58	702.52	702.86	0.00	0.00	0.00	
4,300.00	88.04	90.03	3,201.92	-645.63	802.47	802.80	0.00	0.00	0.00	
4,400.00	88.04	90.03	3,205.34	-645.69	902.41	902.74	0.00	0.00	0.00	
4,500.00	88.04	90.03	3,208.76	-645.74	1,002.35	1,002.69	0.00	0.00	0.00	
4,600.00	88.04	90.03	3,212.18	-645.79	1,102.29	1,102.63	0.00	0.00	0.00	
4,700.00	88.04	90.03	3,215.60	-645.84	1,202.23	1,202.57	0.00	0.00	0.00	
4,800.00	88.04	90.03	3,219.02	-645.90	1,302.17	1,302.51	0.00	0.00	0.00	
4,900.00	88.04	90.03	3,222.44	-645.95	1,402.11	1,402.45	0.00	0.00	0.00	
5,000.00	88.04	90.03	3,225.86	-646.00	1,502.06	1,502.39	0.00	0.00	0.00	
5,100.00	88.04	90.03	3,229.28	-646.05	1,602.00	1,602.34	0.00	0.00	0.00	
5,200.00	88.04	90.03	3,232.70	-646.11	1,701.94	1,702.28	0.00	0.00	0.00	
5,300.00	88.04	90.03	3,236.12	-646.16	1,801.88	1,802.22	0.00	0.00	0.00	
5,400.00	88.04	90.03	3,239.54	-646.21	1,901.82	1,902.16	0.00	0.00	0.00	
5,500.00	88.04	90.03	3,242.96	-646.26	2,001.76	2,002.10	0.00	0.00	0.00	
5,600.00	88.04	90.03	3,246.38	-646.31	2,101.70	2,102.04	0.00	0.00	0.00	
5,700.00	88.04	90.03	3,249.80	-646.37	2,201.65	2,201.98	0.00	0.00	0.00	
5,800.00	88.04	90.03	3,253.22	-646.42	2,301.59	2,301.93	0.00	0.00	0.00	
5,900.00	88.04	90.03	3,256.64	-646.47	2,401.53	2,401.87	0.00	0.00	0.00	
6,000.00	88.04	90.03	3,260.06	-646.52	2,501.47	2,501.81	0.00	0.00	0.00	
6,100.00	88.04	90.03	3,263.48	-646.58	2,601.41	2,601.75	0.00	0.00	0.00	
6,200.00	88.04	90.03	3,266.90	-646.63	2,701.35	2,701.69	0.00	0.00	0.00	
6,300.00	88.04	90.03	3,270.32	-646.68	2,801.29	2,801.63	0.00	0.00	0.00	
6,400.00	88.04	90.03	3,273.74	-646.73	2,901.24	2,901.57	0.00	0.00	0.00	
6,500.00	88.04	90.03	3,277.16	-646.79	3,001.18	3,001.52	0.00	0.00	0.00	
6,600.00	88.04	90.03	3,280.58	-646.84	3,101.12	3,101.46	0.00	0.00	0.00	
6,700.00	88.04	90.03	3,284.00	-646.89	3,201.06	3,201.40	0.00	0.00	0.00	
6,800.00	88.04	90.03	3,287.42	-646.94	3,301.00	3,301.34	0.00	0.00	0.00	
6,900.00	88.04	90.03	3,290.84	-646.99	3,400.94	3,401.28	0.00	0.00	0.00	
7,000.00	88.04	90.03	3,294.26	-647.05	3,500.89	3,501.22	0.00	0.00	0.00	
7,100.00	88.04	90.03	3,297.68	-647.10	3,600.83	3,601.17	0.00	0.00	0.00	
7,200.00	88.04	90.03	3,301.10	-647.15	3,700.77	3,701.11	0.00	0.00	0.00	
7,300.00	88.04	90.03	3,304.52	-647.20	3,800.71	3,801.05	0.00	0.00	0.00	
7,400.00	88.04	90.03	3,307.94	-647.26	3,900.65	3,900.99	0.00	0.00	0.00	
7,500.00	88.04	90.03	3,311.36	-647.31	4,000.59	4,000.93	0.00	0.00	0.00	
7,600.00	88.04	90.03	3,314.78	-647.36	4,100.53	4,100.87	0.00	0.00	0.00	
7,700.00	88.04	90.03	3,318.20	-647.41	4,200.48	4,200.81	0.00	0.00	0.00	
7,800.00	88.04	90.03	3,321.62	-647.47	4,300.42	4,300.76	0.00	0.00	0.00	
7,900.00	88.04	90.03	3,325.04	-647.52	4,400.36	4,400.70	0.00	0.00	0.00	
8,000.00	88.04	90.03	3,328.46	-647.57	4,500.30	4,500.64	0.00	0.00	0.00	
8,100.00	88.04	90.03	3,331.88	-647.62	4,600.24	4,600.58	0.00	0.00	0.00	
8,200.00	88.04	90.03	3,335.30	-647.68	4,700.18	4,700.52	0.00	0.00	0.00	
8,300.00	88.04	90.03	3,338.72	-647.73	4,800.12	4,800.46	0.00	0.00	0.00	
8,400.00	88.04	90.03	3,342.15	-647.78	4,900.07	4,900.40	0.00	0.00	0.00	
8,500.00	88.04	90.03	3,345.57	-647.83	5,000.01	5,000.35	0.00	0.00	0.00	



Planning Report

Database:	WBDS_SQL_2	Local Co-ordinate Reference:	Well 70H
Company:	Spur Energy Partners, LLC	TVD Reference:	RKB = 20' @ 3497.00usft (AKITA 57)
Project:	Eddy County, NM (NAD 83 - NME)	MD Reference:	RKB = 20' @ 3497.00usft (AKITA 57)
Site:	PINTO 36 STATE	North Reference:	Grid
Well:	70H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	PLAN #2		

Planned Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	
8,579.64	88.04	90.03	3,348.29	-647.87	5,079.60	5,079.94	0.00	0.00	0.00	
5. LTP 70H: 1580' FNL, 100' FEL										
8,600.00	88.04	90.03	3,348.99	-647.88	5,099.95	5,100.29	0.00	0.00	0.00	
8,629.67	88.04	90.03	3,350.00	-647.90	5,129.60	5,129.94	0.00	0.00	0.00	
6. BHL 70H: 1580' FNL, 50' FEL										

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	
1. SHL 70H: 935' FNL - plan hits target center - Point	0.00	0.00	0.00	0.00	0.00	621,702.90	506,527.20	32.7090515	-104.4465085	
2. KOP 70H @ 2313.7 - plan hits target center - Point	0.00	0.00	2,176.96	-471.26	-487.29	621,231.64	506,039.91	32.7077547	-104.4480911	
3. FTP 70H: 1580' FN - plan misses target center by 63.78usft at 3523.91usft MD (3118.48 TVD, -645.23 N, 37.43 E) - Point	0.00	360.00	3,175.00	-644.90	7.90	621,058.00	506,535.10	32.7072789	-104.4464806	
4. PLAN LP 70H: 1580' FN - plan hits target center - Point	0.00	0.00	3,184.21	-645.36	284.94	621,057.54	506,812.14	32.7072785	-104.4455799	
5. LTP 70H: 1580' FN - plan misses target center by 0.33usft at 8579.64usft MD (3348.29 TVD, -647.87 N, 5079.60 E) - Point	0.00	360.00	3,348.29	-648.20	5,079.60	621,054.70	511,606.80	32.7072837	-104.4299918	
6. BHL 70H: 1580' FN - plan hits target center - Point	0.00	360.00	3,350.00	-647.90	5,129.60	621,055.00	511,656.80	32.7072846	-104.4298293	



Company: Spur Energy Partners, LLC
Project: Eddy County, NM (NAD 83 - NME)
Site: PINTO 36 STATE
Well: 70H
Wellbore: Wellbore #1
Rig: AKITA 57
Design: PLAN #2 / 8:28, January 10 2022

WELL DETAILS: 70H

RKB = 20' @ 3497.00usft (AKITA 57

3477.00

Northing

Easting

Latitude

Longitude

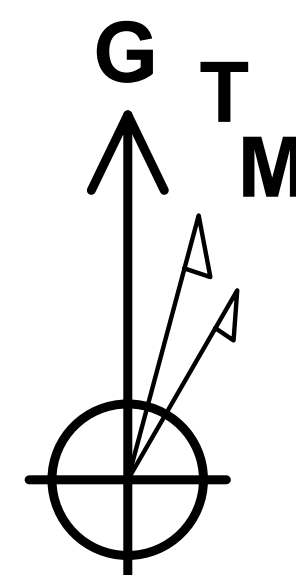
-104.4465085

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSector
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000
2	300.00	0.00	0.00	300.00	0.00	0.00	0.00	0.000	0.000
3	1133.46	25.00	225.96	1107.26	-124.44	-128.67	3.00	225.958	-128.600
4	2313.79	25.00	225.96	2176.96	-471.26	-487.29	0.00	0.000	-487.040
5	3301.77	60.00	90.03	3007.78	-645.13	-155.15	8.00	-142.152	-154.818
6	3501.77	60.00	90.03	3107.78	-645.22	18.05	0.00	0.000	18.390
7	3782.17	88.04	90.03	3184.21	-645.36	284.94	10.00	0.000	285.270
8	8629.67	88.04	90.03	3350.00	-647.90	5129.60	0.00	0.000	5129.940

6. BHL 70H: 1580' FNL, 50' FEL

DESIGN TARGET DETAILS							
Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
1. SHL 70H: 935' FNL, 80' FWL	0.00	0.00	0.00	621702.90	506527.20	32.7090515	-104.4465085
2. KOP 70H @ 2313.79' MD	2176.96	-471.26	-487.29	621231.64	506039.91	32.7077547	-104.4480911
3. FTP 70H: 1580' FNL, 100' FWL	3175.00	-644.90	7.90	621058.00	506535.10	32.7072789	-104.4464806
4. PLAN LP 70H: 1580' FNL, 377' FWL	3184.21	-645.36	284.94	621057.54	506812.14	32.7072785	-104.4455799
5. LTP 70H: 1580' FNL, 100' FEL	3348.29	-648.20	5079.60	621054.70	511606.80	32.7072836	-104.4299918
6. BHL 70H: 1580' FNL, 50' FEL	3350.00	-647.90	5129.60	621055.00	511656.80	32.7072846	-104.4298293



Azimuths to Grid North
True North: 0.06°
Magnetic North: 6.99°

Magnetic Field
Strength: 47636.4snT
Dip Angle: 60.19°
Date: 12/14/2021
Model: IGRF2020

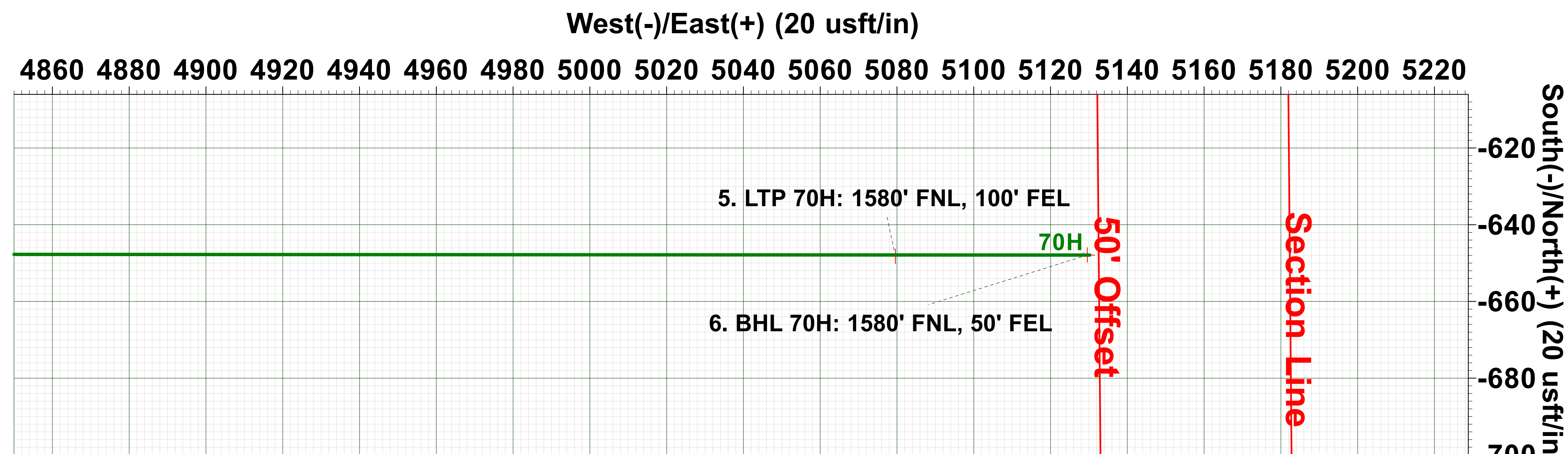
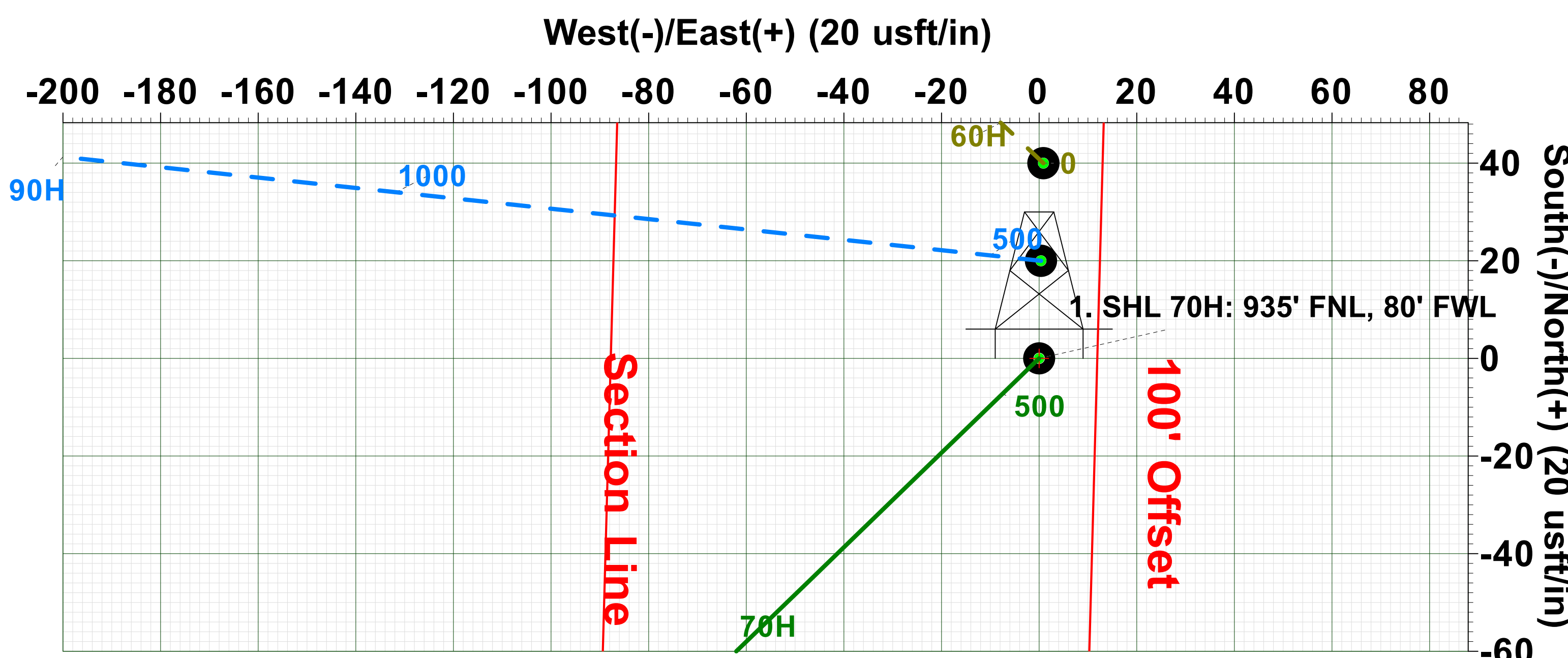
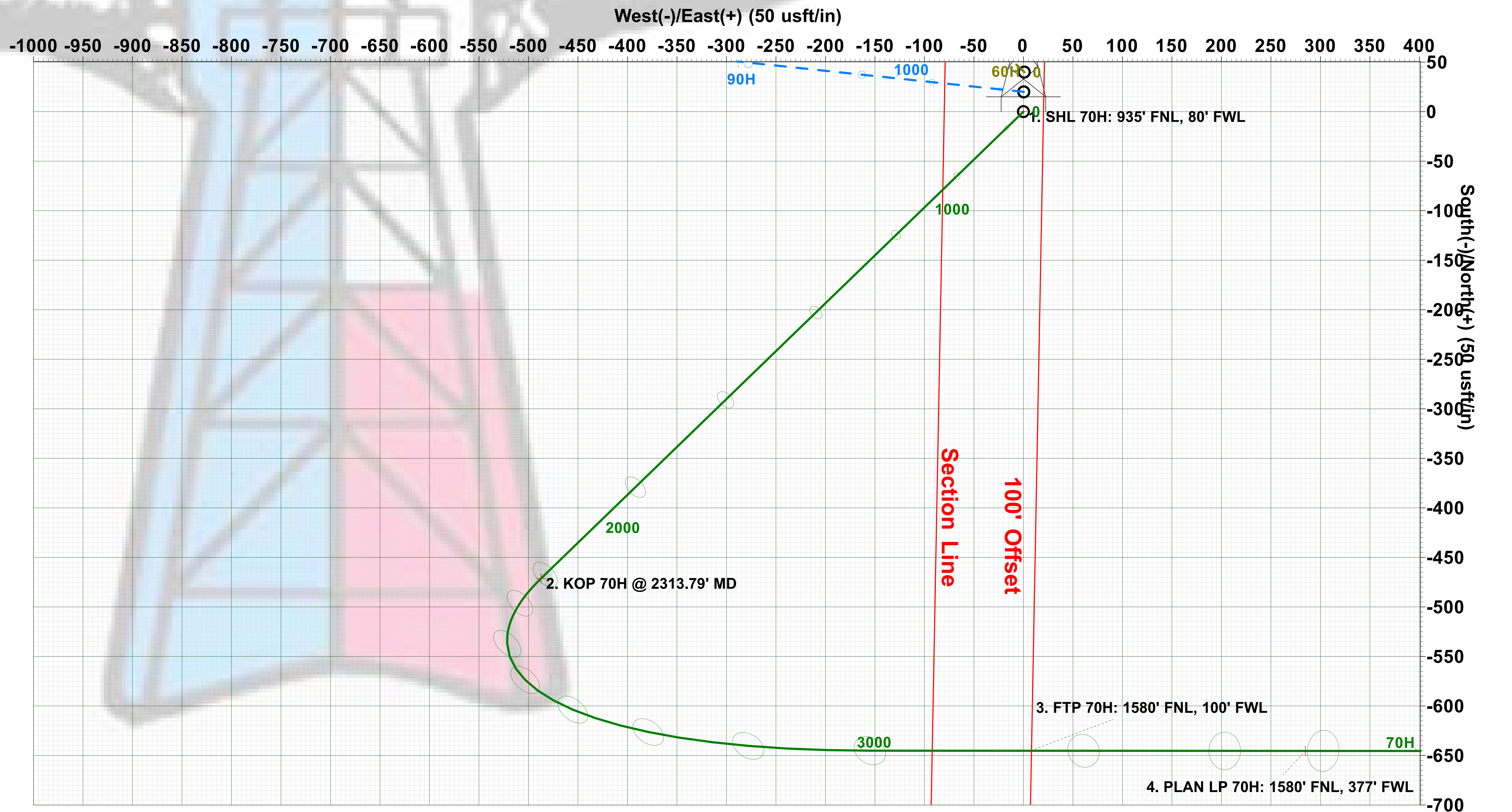
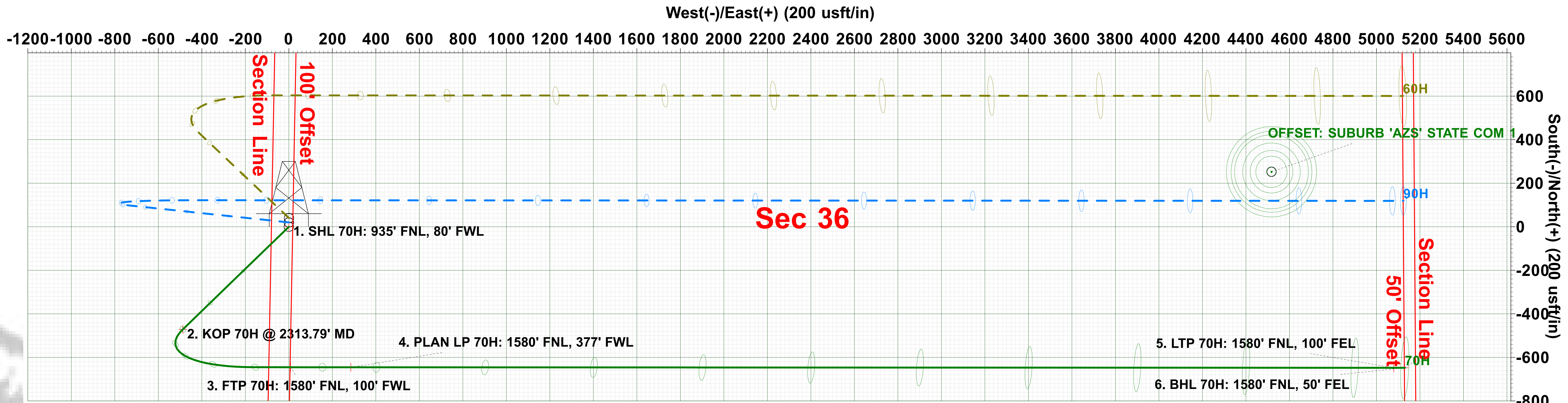
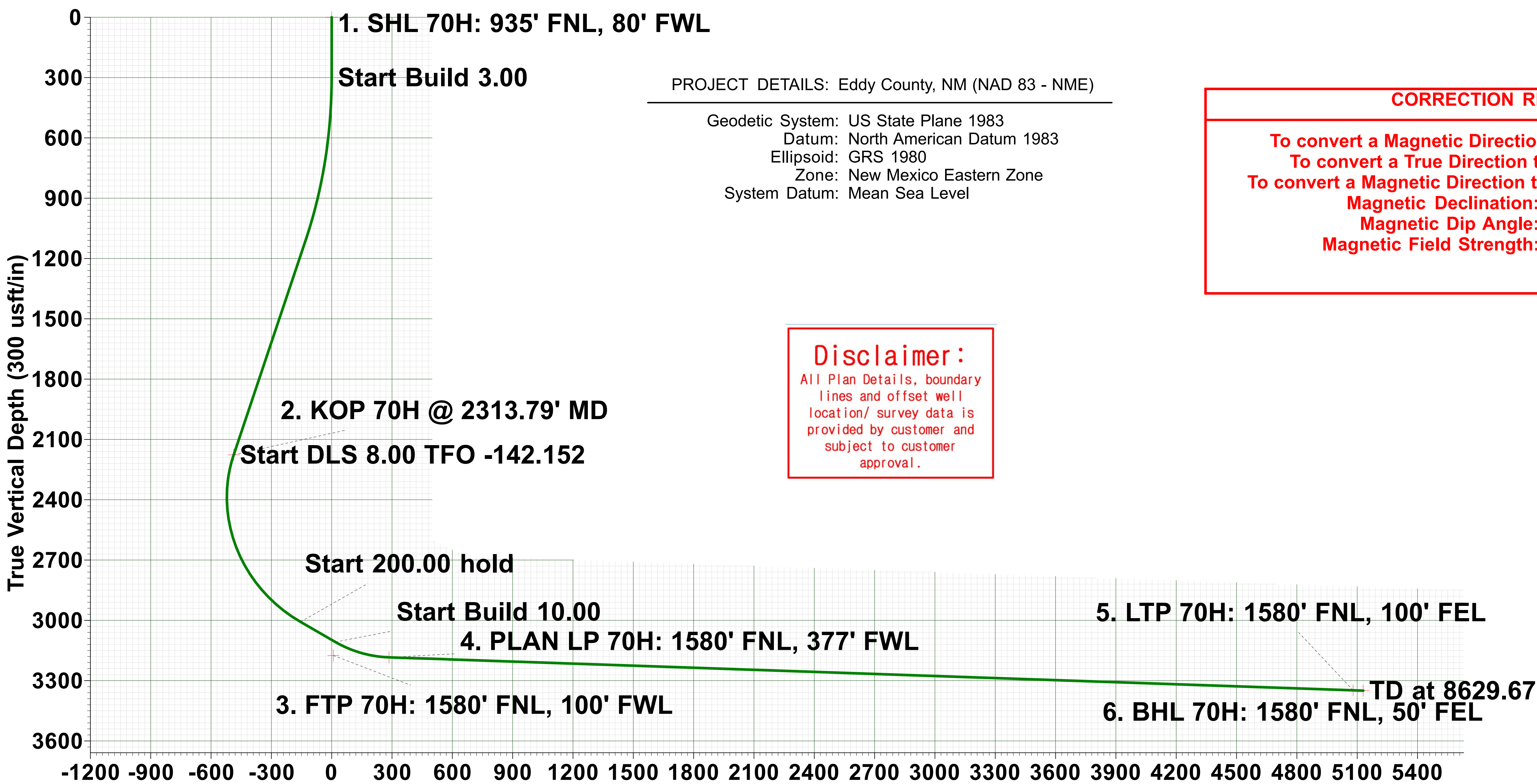


CORRECTION REFERENCE DATA:

To convert a Magnetic Direction to a Grid Direction, Add 6.990°
 To convert a True Direction to a Grid Direction, Add 0.061°
 To convert a Magnetic Direction to a True Direction, Add 6.929° East
 Magnetic Declination: 6.929°
 Magnetic Dip Angle: 60.194°
 Magnetic Field Strength: 47636.40239032nT

Disclaimer:

All Plan Details, boundary lines and offset well location/ survey data is provided by customer and subject to customer approval.



Plan: PLAN #2 (70H/Wellbore #1) AKITA 57

Created By: Derek Stephens Date: 8:28, January 10 2022

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 Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170

District IV

1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

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

COMMENTS

Action 71326

COMMENTS

Operator: Spur Energy Partners LLC 9655 Katy Freeway Houston, TX 77024	OGRID: 328947
	Action Number: 71326
	Action Type: [C-103] NOI Change of Plans (C-103A)

COMMENTS

Created By	Comment	Comment Date
kpickford	KP GEO Review 1/13/2022	1/13/2022

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
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State of New Mexico
Energy, Minerals and Natural Resources
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Santa Fe, NM 87505

CONDITIONS

Action 71326

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Operator: Spur Energy Partners LLC 9655 Katy Freeway Houston, TX 77024	OGRID: 328947
	Action Number: 71326
	Action Type: [C-103] NOI Change of Plans (C-103A)

CONDITIONS

Created By	Condition	Condition Date
kpickford	Adhere to previous NMOCD Conditions of Approval	1/13/2022