

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.)		WELL API NO.
1. Type of Well: Oil Well ☐ Gas Well ☐ Other ☐		5. Indicate Type of Lease STATE ☐ FEE ☐
2. Name of Operator		6. State Oil & Gas Lease No.
3. Address of Operator		7. Lease Name or Unit Agreement Name
4. Well Location Unit Letter _____: _____ feet from the _____ line and _____ feet from the _____ line Section _____ Township _____ Range _____ NMPM _____ County _____		8. Well Number
11. Elevation (Show whether DR, RKB, RT, GR, etc.)		9. OGRID Number
		10. Pool name or Wildcat

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK ☐	PLUG AND ABANDON ☐	REMEDIAL WORK ☐	ALTERING CASING ☐
TEMPORARILY ABANDON ☐	CHANGE PLANS ☐	COMMENCE DRILLING OPNS. ☐	P AND A ☐
PULL OR ALTER CASING ☐	MULTIPLE COMPL ☐	CASING/CEMENT JOB ☐	
DOWNHOLE COMMINGLE ☐			
CLOSED-LOOP SYSTEM ☐			
OTHER: ☐	Change BHL ☒	OTHER: ☐	

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.

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 Stan Wagner TITLE _____ DATE _____

Type or print name _____ E-mail address: _____ PHONE: _____

For State Use Only

APPROVED BY: _____ TITLE _____ DATE _____

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 30-015-50008		2 Pool Code 98220		3 Pool Name Purple Sage; Wolfcamp (Gas)	
4 Property Code 329348		5 Property Name POTATO BABY STATE COM			6 Well Number 909H
7 OGRID No. 229137		8 Operator Name COG OPERATING LLC			9 Elevation 3073.14'

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
1	34	26-S	28-E		415'	SOUTH	725'	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
D	22	26-S	28-E		200'	NORTH	330'	WEST	EDDY

12 Dedicated Acres 765.16	13 Joint or Infill Infill	14 Consolidation Code Com	15 Order No.
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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.

16 SURFACE HOLE LOCATION (SHL) NEW MEXICO EAST - NAD 83 X=619553.44 LAT.= 32.00112652° N Y=364240.59 LONG.= 104.08101142° W 415' FSL, 725' FWL - SECTION 34 FIRST TAKE POINT (FTP) NEW MEXICO EAST - NAD 83 X=619158.77 LAT.= 32.00089053° N Y=364153.83 LONG.= 104.08228523° W 330' FSL, 330' FWL - SECTION 34 LAST TAKE POINT (LTP) NEW MEXICO EAST - NAD 83 X=619130.97 LAT.= 32.03426031° N Y=376292.77 LONG.= 104.08228394° W 330' FNL, 330' FWL - SECTION 22 BOTTOM HOLE LOCATION (BHL) NEW MEXICO EAST - NAD 83 X=619130.43 LAT.= 32.03461768° N Y=376422.77 LONG.= 104.08228472° W 200' FNL, 330' FWL - SECTION 22 CORNER DATA NEW MEXICO EAST - NAD 83 A - FOUND IRON PIPE W/ BRASS CAP N:376622.59' E:618799.59' B - FOUND IRON PIPE W/ BRASS CAP N:376624.01' E:621366.59' C - FOUND IRON PIPE W/ BRASS CAP N:376625.57' E:623933.68' D - FOUND IRON PIPE W/ BRASS CAP N:374020.30' E:623931.34' E - FOUND IRON PIPE W/ BRASS CAP N:371372.64' E:623894.95' F - FOUND IRON PIPE W/ BRASS CAP N:368720.47' E:623950.18' G - FOUND IRON PIPE W/ BRASS CAP N:366069.65' E:623952.49' H - FOUND IRON PIPE W/ BRASS CAP N:363845.40' E:623957.83' I - CALCULATED CORNER N:363833.89' E:621393.73' J - FOUND IRON PIPE W/ BRASS CAP N:363822.34' E:618829.54' K - FOUND IRON PIPE W/ BRASS CAP N:366046.79' E:618824.39' L - FOUND IRON PIPE W/ BRASS CAP N:368688.50' E:618819.64' M - FOUND IRON PIPE W/ BRASS CAP N:371328.78' E:618821.83' N - FOUND IRON PIPE W/ BRASS CAP N:373976.13' E:618810.67' O - FOUND IRON PIPE W/ BRASS CAP N:371325.17' E:621481.50' P - CALCULATED CORNER N:366058.22' E:621388.44'	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. <i>Stan Wagner</i> 2/2/23 Signature Date Stan Wagner 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. 01/11/2023 Date of Survey Signature and Seal of Professional Surveyor: Certificate Number
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DELAWARE BASIN WEST

ATLAS PROSPECT (NM-E)

POTATO BABY STATE PROJECT (ATLAS 2628)

POTATO BABY STATE COM #909H

300155000800

OWB

Plan: PWP1

Standard Planning Report

01 February, 2023

ConocoPhillips

Planning Report

Database:	EDT 17 Central Planning Prod	Local Co-ordinate Reference:	Well POTATO BABY STATE COM #909H
Company:	DELAWARE BASIN WEST	TVD Reference:	RKB 32ft + GL 3073.1ft @ 3105.1usft
Project:	ATLAS PROSPECT (NM-E)	MD Reference:	RKB 32ft + GL 3073.1ft @ 3105.1usft
Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	North Reference:	Grid
Well:	POTATO BABY STATE COM #909H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OWB		
Design:	PWP1		

Project	ATLAS PROSPECT (NM-E)		
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	POTATO BABY STATE PROJECT (ATLAS 2628)		
Site Position:		Northing:	363,816.83 usft
From:	Map	Easting:	577,471.39 usft
Position Uncertainty:	3.0 usft	Slot Radius:	13-3/16 "
		Latitude:	31° 59' 59.999 N
		Longitude:	104° 5' 0.318 W

Well	POTATO BABY STATE COM #909H			
Well Position	+N/-S	0.0 usft	Northing:	364,183.57 usft
	+E/-W	0.0 usft	Easting:	578,368.31 usft
Position Uncertainty		3.0 usft	Wellhead Elevation:	usft
Grid Convergence:		0.13 °	Ground Level:	3,073.1 usft

Wellbore	OWB				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	BGGM2022	4/1/2023	6.64	59.54	47,351.79051735

Design	PWP1			
Audit Notes:				
Version:	Phase:	PLAN	Tie On Depth:	0.0
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)
	0.0	0.0	0.0	358.01

Plan Survey Tool Program	Date	2/1/2023		
Depth From (usft)	Depth To (usft)	Survey (Wellbore)	Tool Name	Remarks
1	0.0	1,000.0 PWP1 (OWB)	r.5 SDI_KPR_WL_NS-CT	SDI Keeper Wireline Gyrocom
2	1,000.0	9,963.4 PWP1 (OWB)	r.5 MWD+IFR1	OWSG MWD + IFR1 rev.5
3	9,963.4	22,804.4 PWP1 (OWB)	r.5 MWD+IFR1+MS	OWSG MWD + IFR1 + Multi-St

ConocoPhillips
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Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	North Reference:	Grid
Well:	POTATO BABY STATE COM #909H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OWB		
Design:	PWP1		

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
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.00	0.00	
1,000.0	0.00	0.00	1,000.0	0.0	0.0	0.00	0.00	0.00	0.00	
1,500.0	10.00	230.00	1,497.5	-28.0	-33.3	2.00	2.00	0.00	230.00	
3,721.3	10.00	230.00	3,685.0	-275.9	-328.8	0.00	0.00	0.00	0.00	
4,721.3	0.00	0.00	4,679.9	-331.9	-395.5	1.00	-1.00	13.00	180.00	
9,963.4	0.00	0.00	9,922.0	-331.9	-395.5	0.00	0.00	0.00	0.00	
10,861.1	89.77	359.88	10,495.0	238.8	-396.7	10.00	10.00	-0.01	359.88	
22,674.4	89.77	359.88	10,541.5	12,051.9	-422.2	0.00	0.00	0.00	0.00	
22,804.4	89.77	359.88	10,542.0	12,182.0	-422.5	0.00	0.00	0.00	0.00	

ConocoPhillips

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Project:	ATLAS PROSPECT (NM-E)	MD Reference:	RKB 32ft + GL 3073.1ft @ 3105.1usft
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Well:	POTATO BABY STATE COM #909H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OWB		
Design:	PWP1		

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)	
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00	
100.0	0.00	0.00	100.0	0.0	0.0	0.0	0.00	0.00	0.00	
200.0	0.00	0.00	200.0	0.0	0.0	0.0	0.00	0.00	0.00	
300.0	0.00	0.00	300.0	0.0	0.0	0.0	0.00	0.00	0.00	
400.0	0.00	0.00	400.0	0.0	0.0	0.0	0.00	0.00	0.00	
500.0	0.00	0.00	500.0	0.0	0.0	0.0	0.00	0.00	0.00	
600.0	0.00	0.00	600.0	0.0	0.0	0.0	0.00	0.00	0.00	
700.0	0.00	0.00	700.0	0.0	0.0	0.0	0.00	0.00	0.00	
800.0	0.00	0.00	800.0	0.0	0.0	0.0	0.00	0.00	0.00	
900.0	0.00	0.00	900.0	0.0	0.0	0.0	0.00	0.00	0.00	
1,000.0	0.00	0.00	1,000.0	0.0	0.0	0.0	0.00	0.00	0.00	
Start Build 2.00										
1,100.0	2.00	230.00	1,100.0	-1.1	-1.3	-1.1	2.00	2.00	0.00	
1,200.0	4.00	230.00	1,199.8	-4.5	-5.3	-4.3	2.00	2.00	0.00	
1,300.0	6.00	230.00	1,299.5	-10.1	-12.0	-9.7	2.00	2.00	0.00	
1,400.0	8.00	230.00	1,398.7	-17.9	-21.4	-17.2	2.00	2.00	0.00	
1,500.0	10.00	230.00	1,497.5	-28.0	-33.3	-26.8	2.00	2.00	0.00	
Start 2221.3 hold at 1500.0 MD										
1,600.0	10.00	230.00	1,595.9	-39.1	-46.6	-37.5	0.00	0.00	0.00	
1,700.0	10.00	230.00	1,694.4	-50.3	-59.9	-48.2	0.00	0.00	0.00	
1,800.0	10.00	230.00	1,792.9	-61.5	-73.2	-58.9	0.00	0.00	0.00	
1,900.0	10.00	230.00	1,891.4	-72.6	-86.5	-69.6	0.00	0.00	0.00	
2,000.0	10.00	230.00	1,989.9	-83.8	-99.9	-80.3	0.00	0.00	0.00	
2,100.0	10.00	230.00	2,088.4	-94.9	-113.2	-91.0	0.00	0.00	0.00	
2,200.0	10.00	230.00	2,186.8	-106.1	-126.5	-101.7	0.00	0.00	0.00	
2,300.0	10.00	230.00	2,285.3	-117.3	-139.8	-112.4	0.00	0.00	0.00	
2,400.0	10.00	230.00	2,383.8	-128.4	-153.1	-123.0	0.00	0.00	0.00	
2,500.0	10.00	230.00	2,482.3	-139.6	-166.4	-133.7	0.00	0.00	0.00	
2,600.0	10.00	230.00	2,580.8	-150.8	-179.7	-144.4	0.00	0.00	0.00	
2,700.0	10.00	230.00	2,679.2	-161.9	-193.0	-155.1	0.00	0.00	0.00	
2,800.0	10.00	230.00	2,777.7	-173.1	-206.3	-165.8	0.00	0.00	0.00	
2,900.0	10.00	230.00	2,876.2	-184.2	-219.6	-176.5	0.00	0.00	0.00	
3,000.0	10.00	230.00	2,974.7	-195.4	-232.9	-187.2	0.00	0.00	0.00	
3,100.0	10.00	230.00	3,073.2	-206.6	-246.2	-197.9	0.00	0.00	0.00	
3,200.0	10.00	230.00	3,171.6	-217.7	-259.5	-208.6	0.00	0.00	0.00	
3,300.0	10.00	230.00	3,270.1	-228.9	-272.8	-219.3	0.00	0.00	0.00	
3,400.0	10.00	230.00	3,368.6	-240.1	-286.1	-230.0	0.00	0.00	0.00	
3,500.0	10.00	230.00	3,467.1	-251.2	-299.4	-240.7	0.00	0.00	0.00	
3,600.0	10.00	230.00	3,565.6	-262.4	-312.7	-251.4	0.00	0.00	0.00	
3,700.0	10.00	230.00	3,664.0	-273.5	-326.0	-262.1	0.00	0.00	0.00	
3,721.3	10.00	230.00	3,685.0	-275.9	-328.8	-264.3	0.00	0.00	0.00	
Start DLS 1.00 TFO 180.00										
3,800.0	9.21	230.00	3,762.6	-284.4	-338.9	-272.4	1.00	-1.00	0.00	
3,900.0	8.21	230.00	3,861.5	-294.1	-350.5	-281.8	1.00	-1.00	0.00	
4,000.0	7.21	230.00	3,960.6	-302.7	-360.8	-290.0	1.00	-1.00	0.00	
4,100.0	6.21	230.00	4,059.9	-310.2	-369.7	-297.2	1.00	-1.00	0.00	
4,200.0	5.21	230.00	4,159.4	-316.6	-377.3	-303.4	1.00	-1.00	0.00	
4,300.0	4.21	230.00	4,259.0	-321.9	-383.6	-308.4	1.00	-1.00	0.00	
4,400.0	3.21	230.00	4,358.8	-326.1	-388.6	-312.4	1.00	-1.00	0.00	
4,500.0	2.21	230.00	4,458.7	-329.1	-392.2	-315.3	1.00	-1.00	0.00	
4,600.0	1.21	230.00	4,558.7	-331.0	-394.5	-317.2	1.00	-1.00	0.00	
4,700.0	0.21	230.00	4,658.6	-331.8	-395.5	-317.9	1.00	-1.00	0.00	
4,721.3	0.00	0.00	4,679.9	-331.9	-395.5	-317.9	1.00	-1.00	610.87	

ConocoPhillips

Planning Report

Database:	EDT 17 Central Planning Prod	Local Co-ordinate Reference:	Well POTATO BABY STATE COM #909H
Company:	DELAWARE BASIN WEST	TVD Reference:	RKB 32ft + GL 3073.1ft @ 3105.1usft
Project:	ATLAS PROSPECT (NM-E)	MD Reference:	RKB 32ft + GL 3073.1ft @ 3105.1usft
Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	North Reference:	Grid
Well:	POTATO BABY STATE COM #909H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OWB		
Design:	PWP1		

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)
Start 5242.1 hold at 4721.3 MD									
4,800.0	0.00	0.00	4,758.6	-331.9	-395.5	-317.9	0.00	0.00	0.00
4,900.0	0.00	0.00	4,858.6	-331.9	-395.5	-317.9	0.00	0.00	0.00
5,000.0	0.00	0.00	4,958.6	-331.9	-395.5	-317.9	0.00	0.00	0.00
5,100.0	0.00	0.00	5,058.6	-331.9	-395.5	-317.9	0.00	0.00	0.00
5,200.0	0.00	0.00	5,158.6	-331.9	-395.5	-317.9	0.00	0.00	0.00
5,300.0	0.00	0.00	5,258.6	-331.9	-395.5	-317.9	0.00	0.00	0.00
5,400.0	0.00	0.00	5,358.6	-331.9	-395.5	-317.9	0.00	0.00	0.00
5,500.0	0.00	0.00	5,458.6	-331.9	-395.5	-317.9	0.00	0.00	0.00
5,600.0	0.00	0.00	5,558.6	-331.9	-395.5	-317.9	0.00	0.00	0.00
5,700.0	0.00	0.00	5,658.6	-331.9	-395.5	-317.9	0.00	0.00	0.00
5,800.0	0.00	0.00	5,758.6	-331.9	-395.5	-317.9	0.00	0.00	0.00
5,900.0	0.00	0.00	5,858.6	-331.9	-395.5	-317.9	0.00	0.00	0.00
6,000.0	0.00	0.00	5,958.6	-331.9	-395.5	-317.9	0.00	0.00	0.00
6,100.0	0.00	0.00	6,058.6	-331.9	-395.5	-317.9	0.00	0.00	0.00
6,200.0	0.00	0.00	6,158.6	-331.9	-395.5	-317.9	0.00	0.00	0.00
6,300.0	0.00	0.00	6,258.6	-331.9	-395.5	-317.9	0.00	0.00	0.00
6,400.0	0.00	0.00	6,358.6	-331.9	-395.5	-317.9	0.00	0.00	0.00
6,500.0	0.00	0.00	6,458.6	-331.9	-395.5	-317.9	0.00	0.00	0.00
6,600.0	0.00	0.00	6,558.6	-331.9	-395.5	-317.9	0.00	0.00	0.00
6,700.0	0.00	0.00	6,658.6	-331.9	-395.5	-317.9	0.00	0.00	0.00
6,800.0	0.00	0.00	6,758.6	-331.9	-395.5	-317.9	0.00	0.00	0.00
6,900.0	0.00	0.00	6,858.6	-331.9	-395.5	-317.9	0.00	0.00	0.00
7,000.0	0.00	0.00	6,958.6	-331.9	-395.5	-317.9	0.00	0.00	0.00
7,100.0	0.00	0.00	7,058.6	-331.9	-395.5	-317.9	0.00	0.00	0.00
7,200.0	0.00	0.00	7,158.6	-331.9	-395.5	-317.9	0.00	0.00	0.00
7,300.0	0.00	0.00	7,258.6	-331.9	-395.5	-317.9	0.00	0.00	0.00
7,400.0	0.00	0.00	7,358.6	-331.9	-395.5	-317.9	0.00	0.00	0.00
7,500.0	0.00	0.00	7,458.6	-331.9	-395.5	-317.9	0.00	0.00	0.00
7,600.0	0.00	0.00	7,558.6	-331.9	-395.5	-317.9	0.00	0.00	0.00
7,700.0	0.00	0.00	7,658.6	-331.9	-395.5	-317.9	0.00	0.00	0.00
7,800.0	0.00	0.00	7,758.6	-331.9	-395.5	-317.9	0.00	0.00	0.00
7,900.0	0.00	0.00	7,858.6	-331.9	-395.5	-317.9	0.00	0.00	0.00
8,000.0	0.00	0.00	7,958.6	-331.9	-395.5	-317.9	0.00	0.00	0.00
8,100.0	0.00	0.00	8,058.6	-331.9	-395.5	-317.9	0.00	0.00	0.00
8,200.0	0.00	0.00	8,158.6	-331.9	-395.5	-317.9	0.00	0.00	0.00
8,300.0	0.00	0.00	8,258.6	-331.9	-395.5	-317.9	0.00	0.00	0.00
8,400.0	0.00	0.00	8,358.6	-331.9	-395.5	-317.9	0.00	0.00	0.00
8,500.0	0.00	0.00	8,458.6	-331.9	-395.5	-317.9	0.00	0.00	0.00
8,600.0	0.00	0.00	8,558.6	-331.9	-395.5	-317.9	0.00	0.00	0.00
8,700.0	0.00	0.00	8,658.6	-331.9	-395.5	-317.9	0.00	0.00	0.00
8,800.0	0.00	0.00	8,758.6	-331.9	-395.5	-317.9	0.00	0.00	0.00
8,900.0	0.00	0.00	8,858.6	-331.9	-395.5	-317.9	0.00	0.00	0.00
9,000.0	0.00	0.00	8,958.6	-331.9	-395.5	-317.9	0.00	0.00	0.00
9,100.0	0.00	0.00	9,058.6	-331.9	-395.5	-317.9	0.00	0.00	0.00
9,200.0	0.00	0.00	9,158.6	-331.9	-395.5	-317.9	0.00	0.00	0.00
9,300.0	0.00	0.00	9,258.6	-331.9	-395.5	-317.9	0.00	0.00	0.00
9,400.0	0.00	0.00	9,358.6	-331.9	-395.5	-317.9	0.00	0.00	0.00
9,500.0	0.00	0.00	9,458.6	-331.9	-395.5	-317.9	0.00	0.00	0.00
9,600.0	0.00	0.00	9,558.6	-331.9	-395.5	-317.9	0.00	0.00	0.00
9,700.0	0.00	0.00	9,658.6	-331.9	-395.5	-317.9	0.00	0.00	0.00
9,800.0	0.00	0.00	9,758.6	-331.9	-395.5	-317.9	0.00	0.00	0.00

ConocoPhillips

Planning Report

Database:	EDT 17 Central Planning Prod	Local Co-ordinate Reference:	Well POTATO BABY STATE COM #909H
Company:	DELAWARE BASIN WEST	TVD Reference:	RKB 32ft + GL 3073.1ft @ 3105.1usft
Project:	ATLAS PROSPECT (NM-E)	MD Reference:	RKB 32ft + GL 3073.1ft @ 3105.1usft
Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	North Reference:	Grid
Well:	POTATO BABY STATE COM #909H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OWB		
Design:	PWP1		

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)
9,900.0	0.00	0.00	9,858.6	-331.9	-395.5	-317.9	0.00	0.00	0.00
9,963.4	0.00	0.00	9,922.0	-331.9	-395.5	-317.9	0.00	0.00	0.00
Start DLS 10.00 TFO 359.88									
10,000.0	3.66	359.88	9,958.6	-330.7	-395.5	-316.8	10.00	10.00	-0.34
10,050.0	8.66	359.88	10,008.3	-325.3	-395.5	-311.4	10.00	10.00	0.00
10,100.0	13.66	359.88	10,057.4	-315.7	-395.5	-301.7	10.00	10.00	0.00
10,150.0	18.66	359.88	10,105.4	-301.7	-395.6	-287.8	10.00	10.00	0.00
10,200.0	23.66	359.88	10,152.0	-283.7	-395.6	-269.8	10.00	10.00	0.00
10,250.0	28.66	359.88	10,196.8	-261.7	-395.7	-247.8	10.00	10.00	0.00
10,300.0	33.66	359.88	10,239.6	-235.8	-395.7	-221.9	10.00	10.00	0.00
10,350.0	38.66	359.88	10,280.0	-206.3	-395.8	-192.5	10.00	10.00	0.00
10,400.0	43.66	359.88	10,317.6	-173.4	-395.8	-159.6	10.00	10.00	0.00
10,450.0	48.66	359.88	10,352.2	-137.4	-395.9	-123.5	10.00	10.00	0.00
10,500.0	53.66	359.88	10,383.6	-98.4	-396.0	-84.6	10.00	10.00	0.00
10,550.0	58.66	359.88	10,411.4	-56.9	-396.1	-43.1	10.00	10.00	0.00
10,600.0	63.66	359.88	10,435.5	-13.1	-396.2	0.6	10.00	10.00	0.00
10,650.0	68.66	359.88	10,455.7	32.6	-396.3	46.3	10.00	10.00	0.00
10,700.0	73.66	359.88	10,471.9	79.9	-396.4	93.6	10.00	10.00	0.00
10,750.0	78.66	359.88	10,483.8	128.4	-396.5	142.1	10.00	10.00	0.00
10,800.0	83.66	359.88	10,491.5	177.8	-396.6	191.5	10.00	10.00	0.00
10,850.0	88.66	359.88	10,494.8	227.7	-396.7	241.3	10.00	10.00	0.00
10,861.1	89.77	359.88	10,495.0	238.8	-396.7	252.5	10.00	10.00	0.00
Start 11813.2 hold at 10861.1 MD									
10,900.0	89.77	359.88	10,495.2	277.7	-396.8	291.3	0.00	0.00	0.00
11,000.0	89.77	359.88	10,495.5	377.7	-397.0	391.2	0.00	0.00	0.00
11,100.0	89.77	359.88	10,495.9	477.7	-397.2	491.2	0.00	0.00	0.00
11,200.0	89.77	359.88	10,496.3	577.7	-397.5	591.1	0.00	0.00	0.00
11,300.0	89.77	359.88	10,496.7	677.7	-397.7	691.1	0.00	0.00	0.00
11,400.0	89.77	359.88	10,497.1	777.7	-397.9	791.0	0.00	0.00	0.00
11,500.0	89.77	359.88	10,497.5	877.7	-398.1	891.0	0.00	0.00	0.00
11,600.0	89.77	359.88	10,497.9	977.7	-398.3	990.9	0.00	0.00	0.00
11,700.0	89.77	359.88	10,498.3	1,077.7	-398.5	1,090.9	0.00	0.00	0.00
11,800.0	89.77	359.88	10,498.7	1,177.7	-398.8	1,190.8	0.00	0.00	0.00
11,900.0	89.77	359.88	10,499.1	1,277.7	-399.0	1,290.8	0.00	0.00	0.00
12,000.0	89.77	359.88	10,499.5	1,377.7	-399.2	1,390.7	0.00	0.00	0.00
12,100.0	89.77	359.88	10,499.9	1,477.7	-399.4	1,490.6	0.00	0.00	0.00
12,200.0	89.77	359.88	10,500.3	1,577.7	-399.6	1,590.6	0.00	0.00	0.00
12,300.0	89.77	359.88	10,500.7	1,677.7	-399.8	1,690.5	0.00	0.00	0.00
12,400.0	89.77	359.88	10,501.1	1,777.7	-400.0	1,790.5	0.00	0.00	0.00
12,500.0	89.77	359.88	10,501.4	1,877.7	-400.3	1,890.4	0.00	0.00	0.00
12,600.0	89.77	359.88	10,501.8	1,977.7	-400.5	1,990.4	0.00	0.00	0.00
12,700.0	89.77	359.88	10,502.2	2,077.7	-400.7	2,090.3	0.00	0.00	0.00
12,800.0	89.77	359.88	10,502.6	2,177.7	-400.9	2,190.3	0.00	0.00	0.00
12,900.0	89.77	359.88	10,503.0	2,277.7	-401.1	2,290.2	0.00	0.00	0.00
13,000.0	89.77	359.88	10,503.4	2,377.7	-401.3	2,390.2	0.00	0.00	0.00
13,100.0	89.77	359.88	10,503.8	2,477.7	-401.6	2,490.1	0.00	0.00	0.00
13,200.0	89.77	359.88	10,504.2	2,577.7	-401.8	2,590.1	0.00	0.00	0.00
13,300.0	89.77	359.88	10,504.6	2,677.7	-402.0	2,690.0	0.00	0.00	0.00
13,400.0	89.77	359.88	10,505.0	2,777.7	-402.2	2,789.9	0.00	0.00	0.00
13,500.0	89.77	359.88	10,505.4	2,877.7	-402.4	2,889.9	0.00	0.00	0.00
13,600.0	89.77	359.88	10,505.8	2,977.7	-402.6	2,989.8	0.00	0.00	0.00
13,700.0	89.77	359.88	10,506.2	3,077.7	-402.8	3,089.8	0.00	0.00	0.00
13,800.0	89.77	359.88	10,506.6	3,177.7	-403.1	3,189.7	0.00	0.00	0.00

ConocoPhillips

Planning Report

Database:	EDT 17 Central Planning Prod	Local Co-ordinate Reference:	Well POTATO BABY STATE COM #909H
Company:	DELAWARE BASIN WEST	TVD Reference:	RKB 32ft + GL 3073.1ft @ 3105.1usft
Project:	ATLAS PROSPECT (NM-E)	MD Reference:	RKB 32ft + GL 3073.1ft @ 3105.1usft
Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	North Reference:	Grid
Well:	POTATO BABY STATE COM #909H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OWB		
Design:	PWP1		

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)
13,900.0	89.77	359.88	10,507.0	3,277.7	-403.3	3,289.7	0.00	0.00	0.00
14,000.0	89.77	359.88	10,507.4	3,377.7	-403.5	3,389.6	0.00	0.00	0.00
14,100.0	89.77	359.88	10,507.7	3,477.7	-403.7	3,489.6	0.00	0.00	0.00
14,200.0	89.77	359.88	10,508.1	3,577.7	-403.9	3,589.5	0.00	0.00	0.00
14,300.0	89.77	359.88	10,508.5	3,677.7	-404.1	3,689.5	0.00	0.00	0.00
14,400.0	89.77	359.88	10,508.9	3,777.7	-404.4	3,789.4	0.00	0.00	0.00
14,500.0	89.77	359.88	10,509.3	3,877.7	-404.6	3,889.4	0.00	0.00	0.00
14,600.0	89.77	359.88	10,509.7	3,977.7	-404.8	3,989.3	0.00	0.00	0.00
14,700.0	89.77	359.88	10,510.1	4,077.7	-405.0	4,089.2	0.00	0.00	0.00
14,800.0	89.77	359.88	10,510.5	4,177.7	-405.2	4,189.2	0.00	0.00	0.00
14,900.0	89.77	359.88	10,510.9	4,277.7	-405.4	4,289.1	0.00	0.00	0.00
15,000.0	89.77	359.88	10,511.3	4,377.7	-405.7	4,389.1	0.00	0.00	0.00
15,100.0	89.77	359.88	10,511.7	4,477.7	-405.9	4,489.0	0.00	0.00	0.00
15,200.0	89.77	359.88	10,512.1	4,577.7	-406.1	4,589.0	0.00	0.00	0.00
15,300.0	89.77	359.88	10,512.5	4,677.7	-406.3	4,688.9	0.00	0.00	0.00
15,400.0	89.77	359.88	10,512.9	4,777.6	-406.5	4,788.9	0.00	0.00	0.00
15,500.0	89.77	359.88	10,513.3	4,877.6	-406.7	4,888.8	0.00	0.00	0.00
15,600.0	89.77	359.88	10,513.6	4,977.6	-406.9	4,988.8	0.00	0.00	0.00
15,700.0	89.77	359.88	10,514.0	5,077.6	-407.2	5,088.7	0.00	0.00	0.00
15,800.0	89.77	359.88	10,514.4	5,177.6	-407.4	5,188.7	0.00	0.00	0.00
15,900.0	89.77	359.88	10,514.8	5,277.6	-407.6	5,288.6	0.00	0.00	0.00
16,000.0	89.77	359.88	10,515.2	5,377.6	-407.8	5,388.6	0.00	0.00	0.00
16,100.0	89.77	359.88	10,515.6	5,477.6	-408.0	5,488.5	0.00	0.00	0.00
16,200.0	89.77	359.88	10,516.0	5,577.6	-408.2	5,588.4	0.00	0.00	0.00
16,300.0	89.77	359.88	10,516.4	5,677.6	-408.5	5,688.4	0.00	0.00	0.00
16,400.0	89.77	359.88	10,516.8	5,777.6	-408.7	5,788.3	0.00	0.00	0.00
16,500.0	89.77	359.88	10,517.2	5,877.6	-408.9	5,888.3	0.00	0.00	0.00
16,600.0	89.77	359.88	10,517.6	5,977.6	-409.1	5,988.2	0.00	0.00	0.00
16,700.0	89.77	359.88	10,518.0	6,077.6	-409.3	6,088.2	0.00	0.00	0.00
16,800.0	89.77	359.88	10,518.4	6,177.6	-409.5	6,188.1	0.00	0.00	0.00
16,900.0	89.77	359.88	10,518.8	6,277.6	-409.7	6,288.1	0.00	0.00	0.00
17,000.0	89.77	359.88	10,519.2	6,377.6	-410.0	6,388.0	0.00	0.00	0.00
17,100.0	89.77	359.88	10,519.6	6,477.6	-410.2	6,488.0	0.00	0.00	0.00
17,200.0	89.77	359.88	10,519.9	6,577.6	-410.4	6,587.9	0.00	0.00	0.00
17,300.0	89.77	359.88	10,520.3	6,677.6	-410.6	6,687.9	0.00	0.00	0.00
17,400.0	89.77	359.88	10,520.7	6,777.6	-410.8	6,787.8	0.00	0.00	0.00
17,500.0	89.77	359.88	10,521.1	6,877.6	-411.0	6,887.7	0.00	0.00	0.00
17,600.0	89.77	359.88	10,521.5	6,977.6	-411.3	6,987.7	0.00	0.00	0.00
17,700.0	89.77	359.88	10,521.9	7,077.6	-411.5	7,087.6	0.00	0.00	0.00
17,800.0	89.77	359.88	10,522.3	7,177.6	-411.7	7,187.6	0.00	0.00	0.00
17,900.0	89.77	359.88	10,522.7	7,277.6	-411.9	7,287.5	0.00	0.00	0.00
18,000.0	89.77	359.88	10,523.1	7,377.6	-412.1	7,387.5	0.00	0.00	0.00
18,100.0	89.77	359.88	10,523.5	7,477.6	-412.3	7,487.4	0.00	0.00	0.00
18,200.0	89.77	359.88	10,523.9	7,577.6	-412.5	7,587.4	0.00	0.00	0.00
18,300.0	89.77	359.88	10,524.3	7,677.6	-412.8	7,687.3	0.00	0.00	0.00
18,400.0	89.77	359.88	10,524.7	7,777.6	-413.0	7,787.3	0.00	0.00	0.00
18,500.0	89.77	359.88	10,525.1	7,877.6	-413.2	7,887.2	0.00	0.00	0.00
18,600.0	89.77	359.88	10,525.5	7,977.6	-413.4	7,987.2	0.00	0.00	0.00
18,700.0	89.77	359.88	10,525.8	8,077.6	-413.6	8,087.1	0.00	0.00	0.00
18,800.0	89.77	359.88	10,526.2	8,177.6	-413.8	8,187.0	0.00	0.00	0.00
18,900.0	89.77	359.88	10,526.6	8,277.6	-414.1	8,287.0	0.00	0.00	0.00
19,000.0	89.77	359.88	10,527.0	8,377.6	-414.3	8,386.9	0.00	0.00	0.00
19,100.0	89.77	359.88	10,527.4	8,477.6	-414.5	8,486.9	0.00	0.00	0.00

ConocoPhillips

Planning Report

Database:	EDT 17 Central Planning Prod	Local Co-ordinate Reference:	Well POTATO BABY STATE COM #909H
Company:	DELAWARE BASIN WEST	TVD Reference:	RKB 32ft + GL 3073.1ft @ 3105.1usft
Project:	ATLAS PROSPECT (NM-E)	MD Reference:	RKB 32ft + GL 3073.1ft @ 3105.1usft
Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	North Reference:	Grid
Well:	POTATO BABY STATE COM #909H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OWB		
Design:	PWP1		

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)
19,200.0	89.77	359.88	10,527.8	8,577.6	-414.7	8,586.8	0.00	0.00	0.00
19,300.0	89.77	359.88	10,528.2	8,677.6	-414.9	8,686.8	0.00	0.00	0.00
19,400.0	89.77	359.88	10,528.6	8,777.6	-415.1	8,786.7	0.00	0.00	0.00
19,500.0	89.77	359.88	10,529.0	8,877.6	-415.3	8,886.7	0.00	0.00	0.00
19,600.0	89.77	359.88	10,529.4	8,977.6	-415.6	8,986.6	0.00	0.00	0.00
19,700.0	89.77	359.88	10,529.8	9,077.6	-415.8	9,086.6	0.00	0.00	0.00
19,800.0	89.77	359.88	10,530.2	9,177.6	-416.0	9,186.5	0.00	0.00	0.00
19,900.0	89.77	359.88	10,530.6	9,277.6	-416.2	9,286.5	0.00	0.00	0.00
20,000.0	89.77	359.88	10,531.0	9,377.6	-416.4	9,386.4	0.00	0.00	0.00
20,100.0	89.77	359.88	10,531.4	9,477.6	-416.6	9,486.4	0.00	0.00	0.00
20,200.0	89.77	359.88	10,531.8	9,577.6	-416.9	9,586.3	0.00	0.00	0.00
20,300.0	89.77	359.88	10,532.1	9,677.6	-417.1	9,686.2	0.00	0.00	0.00
20,400.0	89.77	359.88	10,532.5	9,777.6	-417.3	9,786.2	0.00	0.00	0.00
20,500.0	89.77	359.88	10,532.9	9,877.6	-417.5	9,886.1	0.00	0.00	0.00
20,600.0	89.77	359.88	10,533.3	9,977.6	-417.7	9,986.1	0.00	0.00	0.00
20,700.0	89.77	359.88	10,533.7	10,077.6	-417.9	10,086.0	0.00	0.00	0.00
20,800.0	89.77	359.88	10,534.1	10,177.6	-418.2	10,186.0	0.00	0.00	0.00
20,900.0	89.77	359.88	10,534.5	10,277.6	-418.4	10,285.9	0.00	0.00	0.00
21,000.0	89.77	359.88	10,534.9	10,377.6	-418.6	10,385.9	0.00	0.00	0.00
21,100.0	89.77	359.88	10,535.3	10,477.6	-418.8	10,485.8	0.00	0.00	0.00
21,200.0	89.77	359.88	10,535.7	10,577.6	-419.0	10,585.8	0.00	0.00	0.00
21,300.0	89.77	359.88	10,536.1	10,677.6	-419.2	10,685.7	0.00	0.00	0.00
21,400.0	89.77	359.88	10,536.5	10,777.6	-419.4	10,785.7	0.00	0.00	0.00
21,500.0	89.77	359.88	10,536.9	10,877.6	-419.7	10,885.6	0.00	0.00	0.00
21,600.0	89.77	359.88	10,537.3	10,977.6	-419.9	10,985.5	0.00	0.00	0.00
21,700.0	89.77	359.88	10,537.7	11,077.6	-420.1	11,085.5	0.00	0.00	0.00
21,800.0	89.77	359.88	10,538.0	11,177.6	-420.3	11,185.4	0.00	0.00	0.00
21,900.0	89.77	359.88	10,538.4	11,277.6	-420.5	11,285.4	0.00	0.00	0.00
22,000.0	89.77	359.88	10,538.8	11,377.6	-420.7	11,385.3	0.00	0.00	0.00
22,100.0	89.77	359.88	10,539.2	11,477.6	-421.0	11,485.3	0.00	0.00	0.00
22,200.0	89.77	359.88	10,539.6	11,577.6	-421.2	11,585.2	0.00	0.00	0.00
22,300.0	89.77	359.88	10,540.0	11,677.6	-421.4	11,685.2	0.00	0.00	0.00
22,400.0	89.77	359.88	10,540.4	11,777.6	-421.6	11,785.1	0.00	0.00	0.00
22,500.0	89.77	359.88	10,540.8	11,877.6	-421.8	11,885.1	0.00	0.00	0.00
22,600.0	89.77	359.88	10,541.2	11,977.6	-422.0	11,985.0	0.00	0.00	0.00
22,674.4	89.77	359.88	10,541.5	12,051.9	-422.2	12,059.3	0.00	0.00	0.00
Start 130.0 hold at 22674.4 MD									
22,700.0	89.77	359.88	10,541.6	12,077.6	-422.2	12,085.0	0.00	0.00	0.00
22,804.4	89.77	359.88	10,542.0	12,182.0	-422.5	12,189.3	0.00	0.00	0.00
TD at 22804.4									

ConocoPhillips

Planning Report

Database:	EDT 17 Central Planning Prod	Local Co-ordinate Reference:	Well POTATO BABY STATE COM #909H
Company:	DELAWARE BASIN WEST	TVD Reference:	RKB 32ft + GL 3073.1ft @ 3105.1usft
Project:	ATLAS PROSPECT (NM-E)	MD Reference:	RKB 32ft + GL 3073.1ft @ 3105.1usft
Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	North Reference:	Grid
Well:	POTATO BABY STATE COM #909H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OWB		
Design:	PWP1		

Design Targets									
Target Name	Dip Angle	Dip Dir.	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
- hit/miss target	(°)	(°)	(usft)	(usft)	(usft)	(usft)	(usft)		
- Shape									
FTP (POTATO BABY ST - plan misses target center by 87.2usft at 10564.2usft MD (10418.6 TVD, -44.7 N, -396.1 E) - Circle (radius 50.0)	0.00	0.00	10,495.0	-86.8	-394.7	364,096.81	577,973.65	32° 0' 2.759 N	104° 4' 54.478 W
LTP (POTATO BABY ST - plan hits target center - Circle (radius 50.0)	90.00	359.88	10,541.5	12,051.9	-422.2	376,235.52	577,946.12	32° 2' 2.891 N	104° 4' 54.469 W
BHL (POTATO BABY ST - plan misses target center by 0.3usft at 22804.4usft MD (10542.0 TVD, 12182.0 N, -422.5 E) - Rectangle (sides W90.0 H12,269.0 D20.0)	0.23	359.88	10,542.0	12,181.9	-422.7	376,365.52	577,945.57	32° 2' 4.178 N	104° 4' 54.472 W

Casing Points					
Measured Depth	Vertical Depth	Name		Casing Diameter	Hole Diameter
(usft)	(usft)			(")	(")
1,000.0	1,000.0	13-3/8" Surface Casing		13-3/8	17-1/2
9,963.4	9,922.0	10-3/4" Intermediate Casing		10-3/4	12-1/4
22,804.4	10,542.0	5-1/2" Production Casing		5-1/2	8-3/4

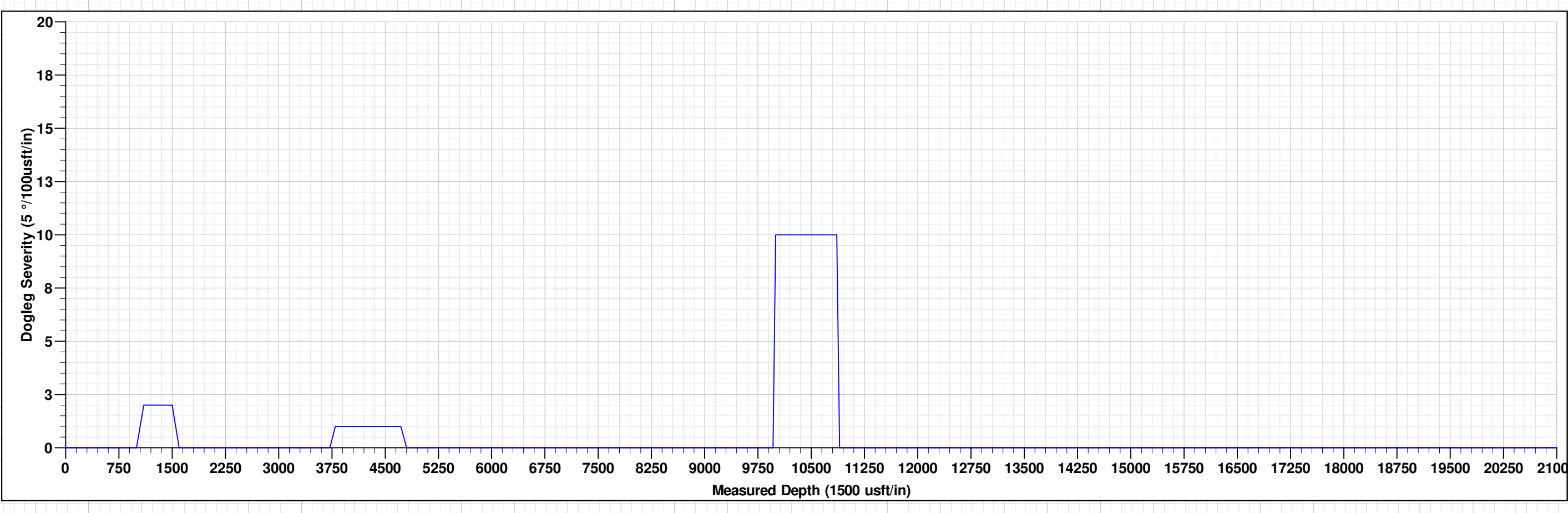
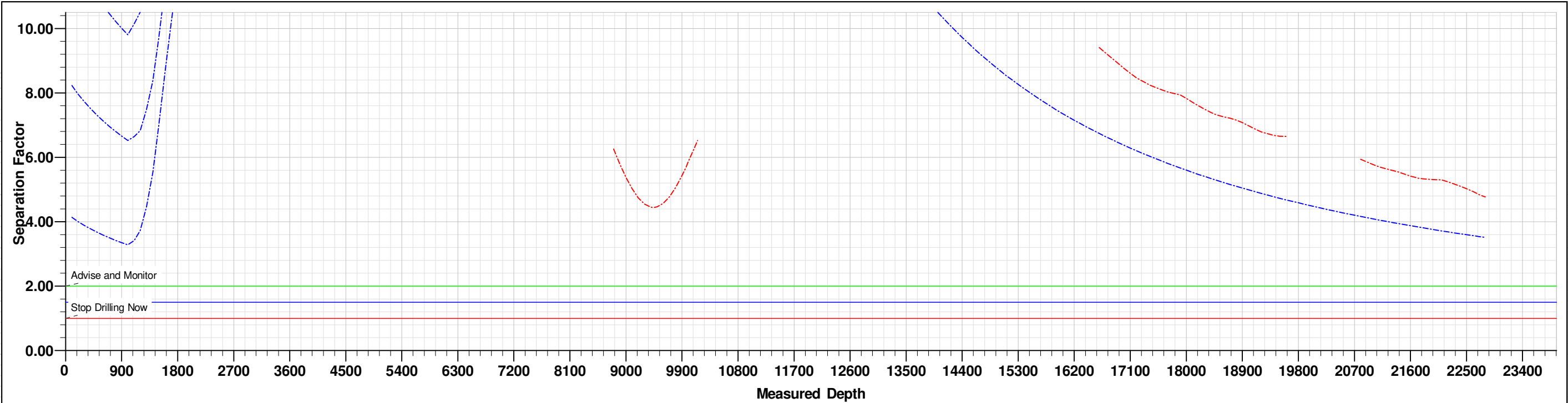
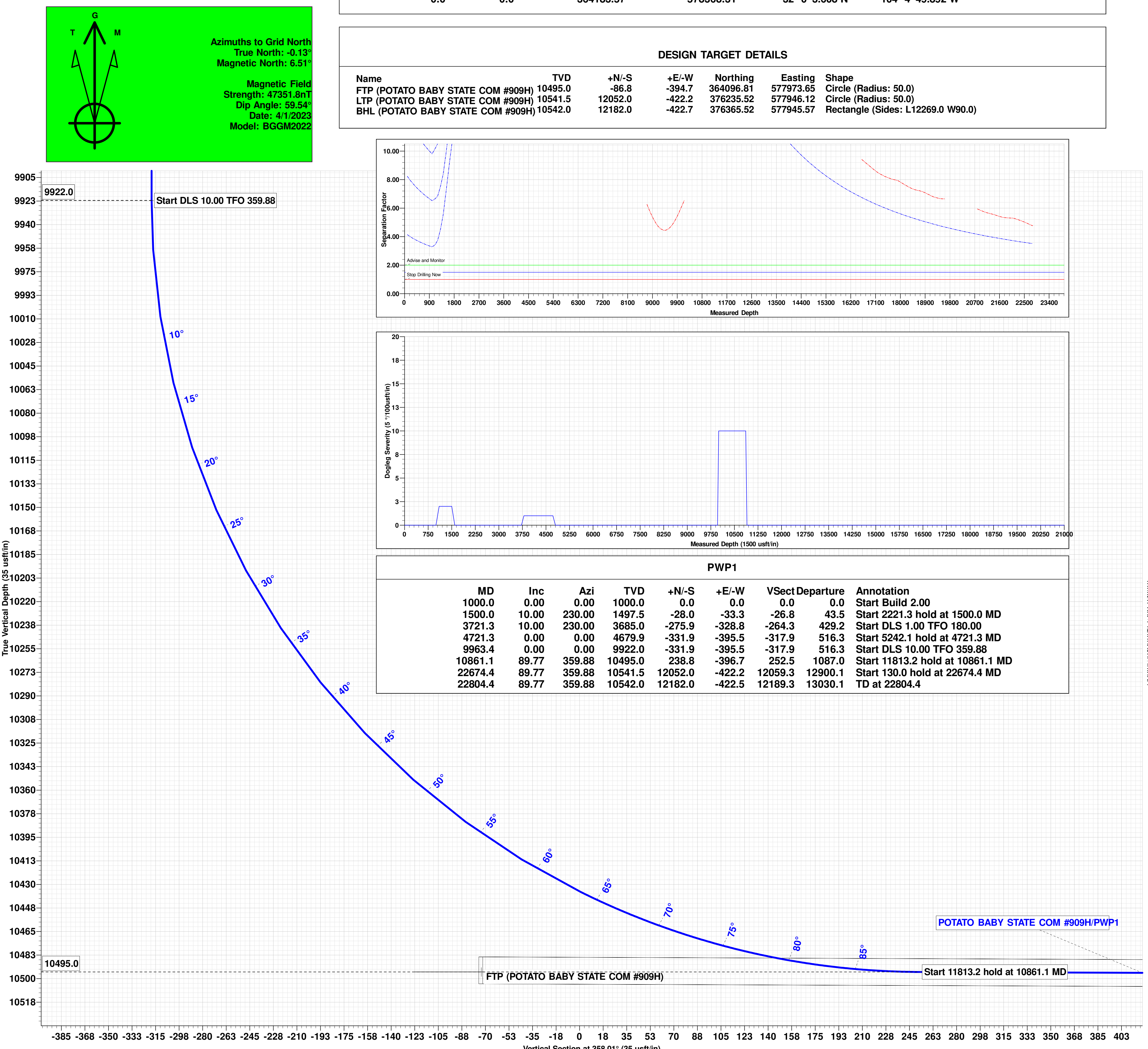
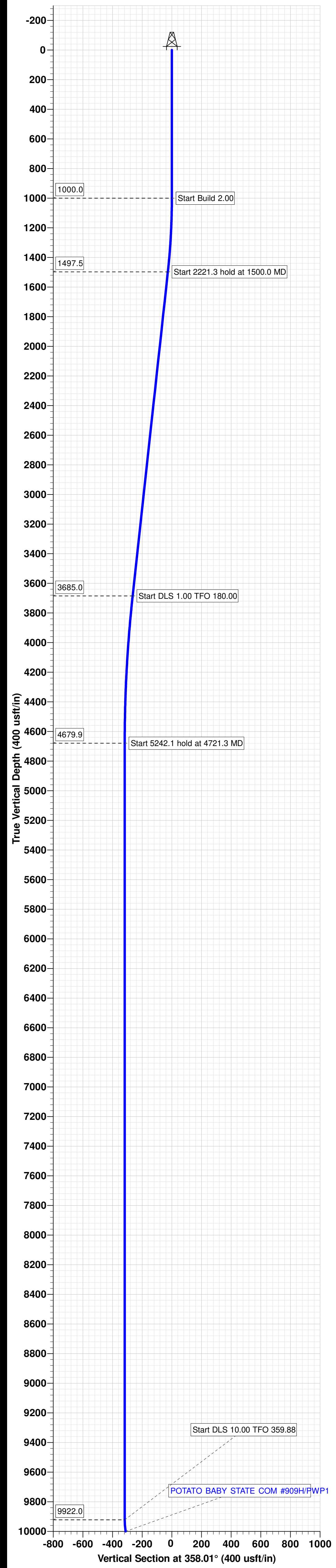
Plan Annotations					
Measured Depth	Vertical Depth	Local Coordinates		Comment	
(usft)	(usft)	+N/-S (usft)	+E/-W (usft)		
1,000.0	1,000.0	0.0	0.0	Start Build 2.00	
1,500.0	1,497.5	-28.0	-33.3	Start 2221.3 hold at 1500.0 MD	
3,721.3	3,685.0	-275.9	-328.8	Start DLS 1.00 TFO 180.00	
4,721.3	4,679.9	-331.9	-395.5	Start 5242.1 hold at 4721.3 MD	
9,963.4	9,922.0	-331.9	-395.5	Start DLS 10.00 TFO 359.88	
10,861.1	10,495.0	238.8	-396.7	Start 11813.2 hold at 10861.1 MD	
22,674.4	10,541.5	12,051.9	-422.2	Start 130.0 hold at 22674.4 MD	
22,804.4	10,542.0	12,182.0	-422.5	TD at 22804.4	



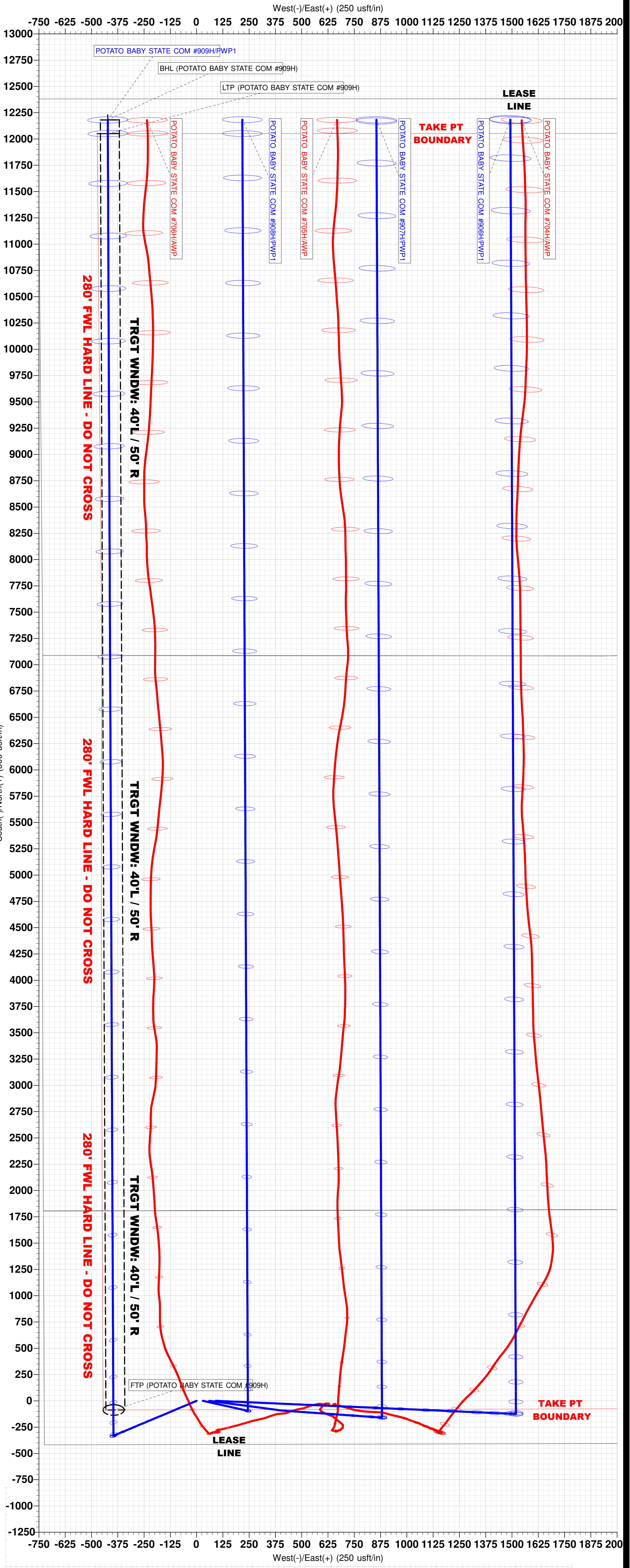
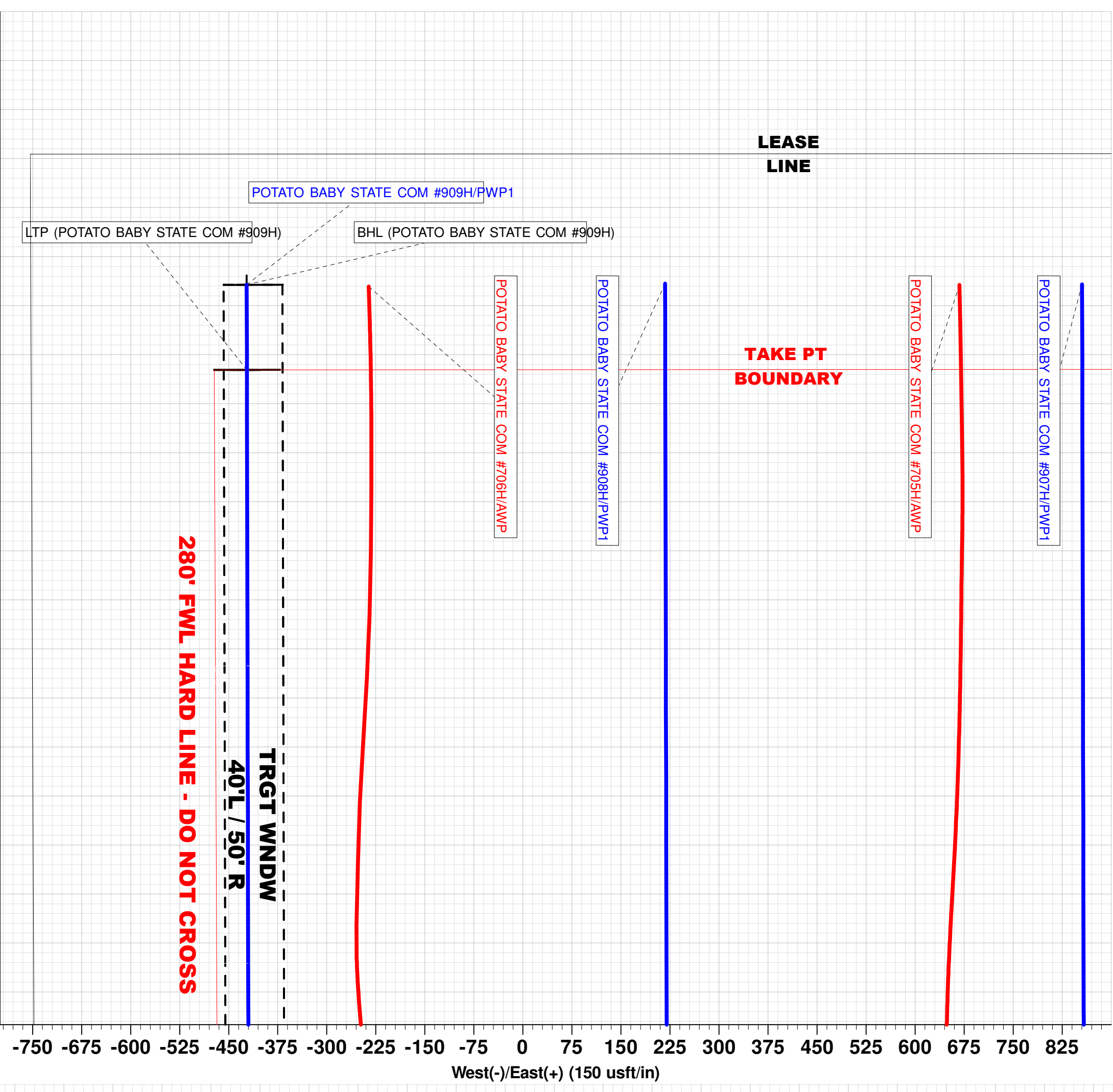
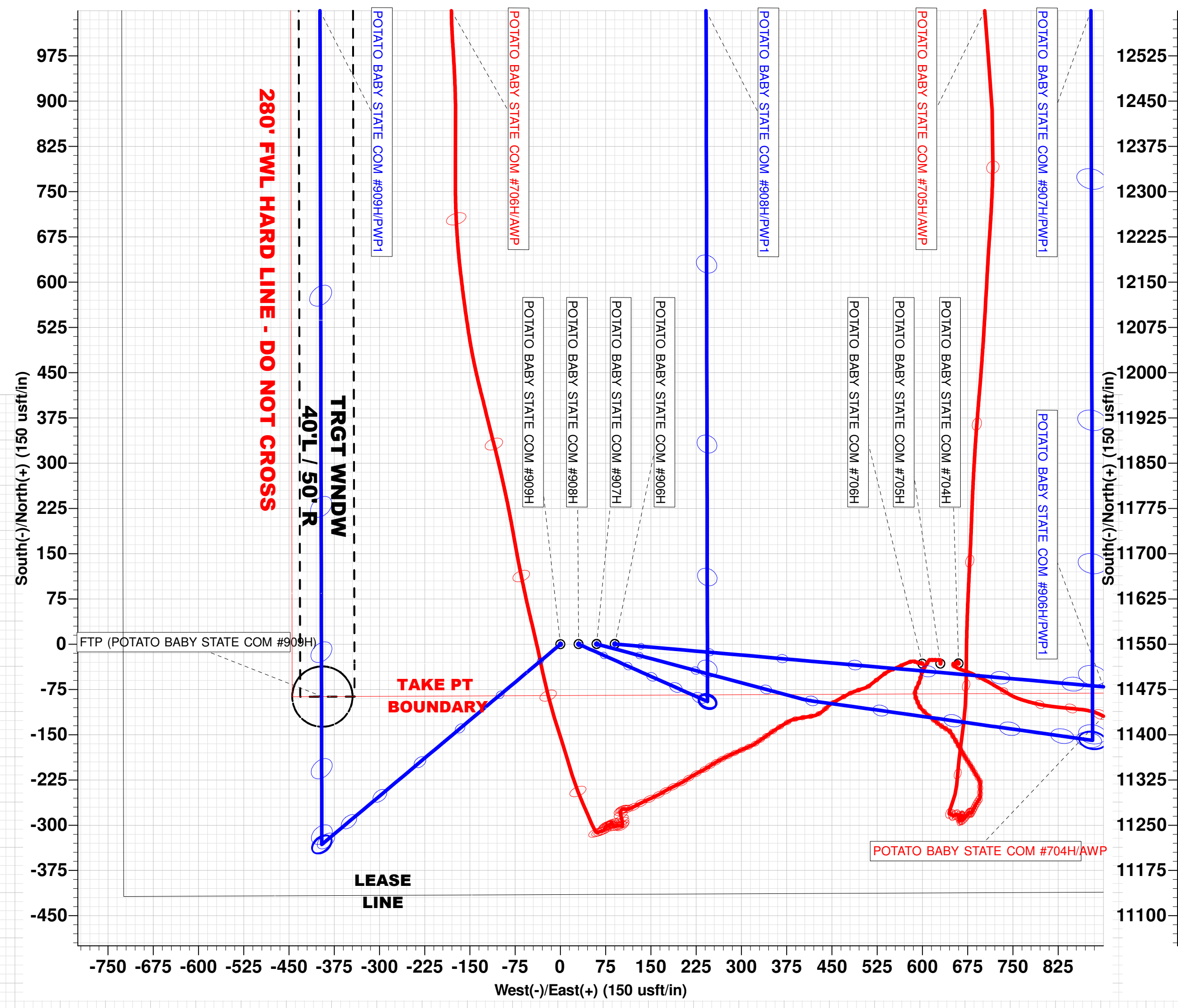
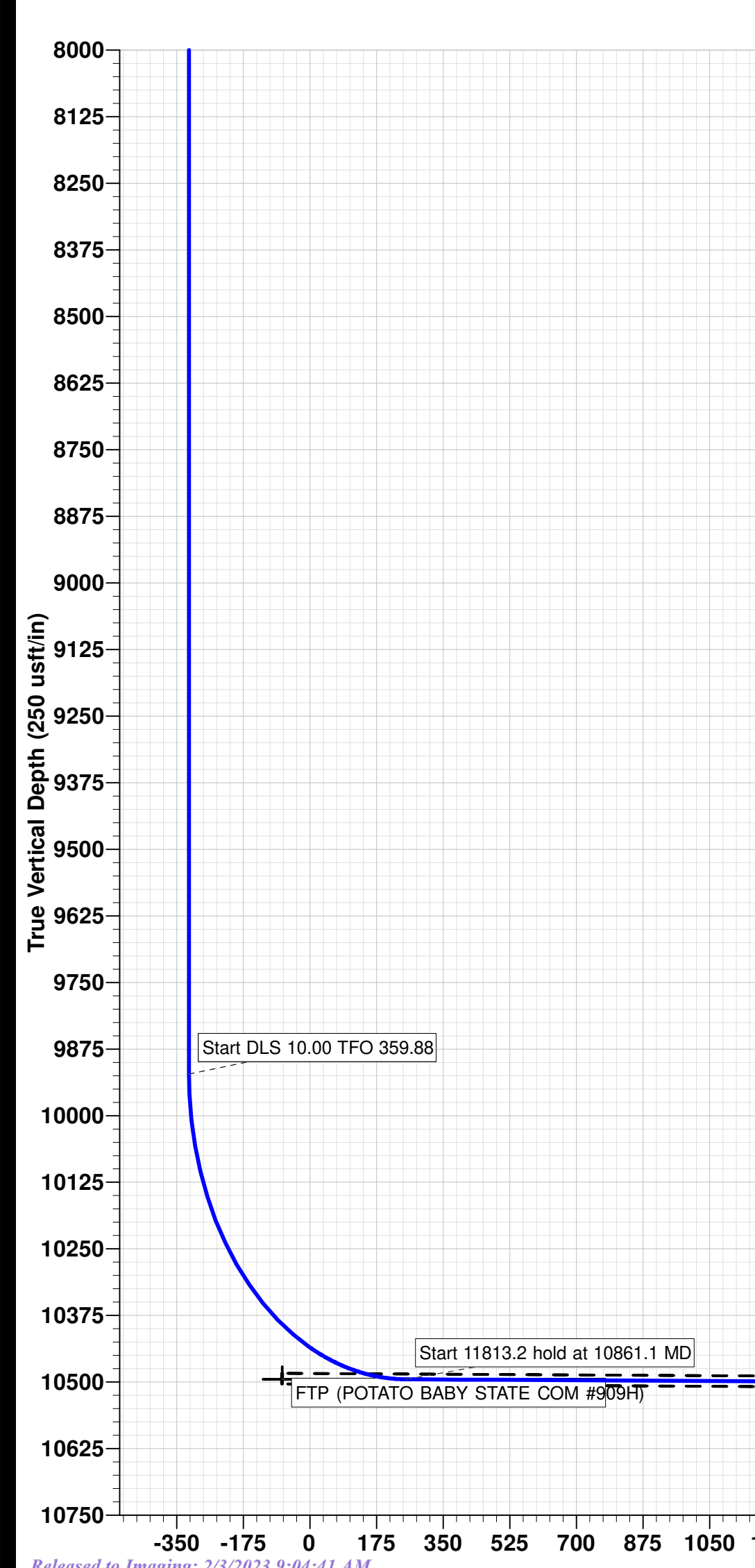
Project: ATLAS PROSPECT (NM-E)
Site: POTATO BABY STATE PROJECT (ATLAS 2628)
Well: POTATO BABY STATE COM #909H
Wellbore: OWB
Design: PWP1
GL: 3073.1
RKB 32ft + GL 3073.1ft @ 3105.1usft

WELL DETAILS: POTATO BABY STATE COM #909H					
+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
0.0	0.0	364183.57	578368.31	32° 0' 3.608 N	104° 4' 49.892 W

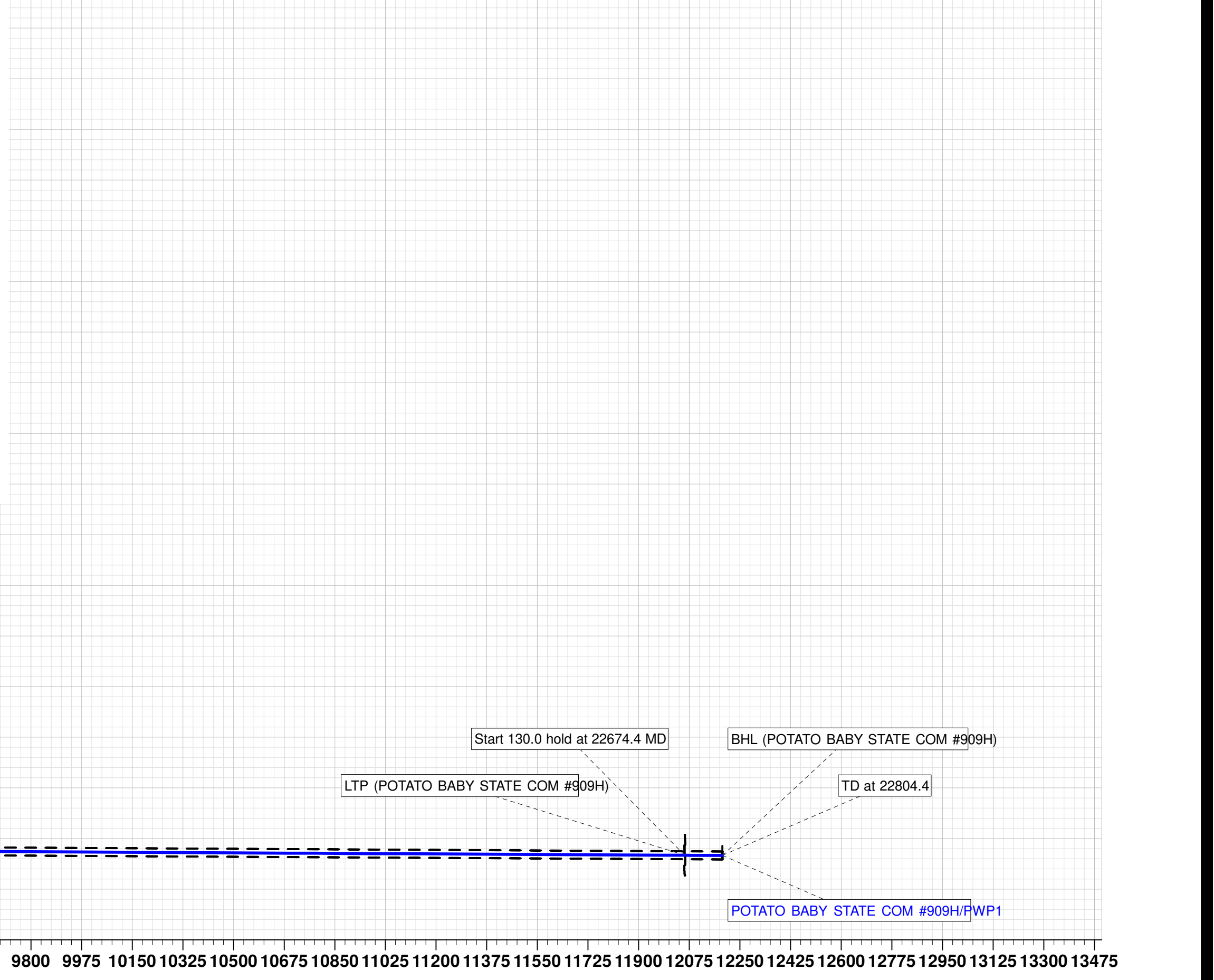
DESIGN TARGET DETAILS					
Name	TVD	+N/-S	+E/-W	Northing	Easting
FTP (POTATO BABY STATE COM #909H)	10495.0	-86.8	-394.7	364096.81	577973.65
LTP (POTATO BABY STATE COM #909H)	10541.5	12052.0	-422.2	376235.52	577946.12
BHL (POTATO BABY STATE COM #909H)	10542.0	12182.0	-422.7	376365.52	577945.57
Shape					
Circle (Radius: 50.0)					
Rectangle (Sides: L12269.0 W90.0)					



MD	Inc	Azi	TVD	+N/-S	+E/-W	Vsect	Departure	Annotation
1000.0	0.00	0.00	1000.0	0.0	0.0	0.0	0.0	Start Build 2.00
1500.0	10.00	230.00	1497.5	-28.0	-33.3	-26.8	43.5	Start 2221.3 hold at 1500.0 MD
3721.3	10.00	230.00	3685.0	-275.9	-328.8	-264.3	429.2	Start DLS 10.00 TFO 180.00
4721.3	0.00	0.00	4679.9	-331.9	-395.5	-317.9	516.3	Start 5242.1 hold at 4721.3 MD
9963.4	0.00	0.00	9922.0	-331.9	-395.5	-317.9	516.3	Start DLS 10.00 TFO 359.88
10861.1	89.77	359.88	10495.0	238.8	-396.7	252.5	1087.0	Start 11813.2 hold at 10861.1 MD
22674.4	89.77	359.88	10541.5	12052.0	-422.2	12059.3	12900.1	Start 130.0 hold at 22674.4 MD
22804.4	89.77	359.88	10542.0	12182.0	-422.5	12189.3	13030.1	TD at 22804.4



TRGT WNDW: 10° A/B



Potato Baby State Com 909H

Casing and Cement

<u>String</u>	<u>Hole Size</u>	<u>Csg OD</u>	<u>PPF</u>	<u>Depth</u>	<u>Sx Cement</u>	<u>TOC</u>
Surface	14-3/4"	10-3/4"	45.5#	850'	655	0'
Intermediate	9-7/8x8-3/4"	7-5/8"	29.7#	9,863'	1,220	0'
Production	6-3/4"	5-1/2"	23#	22,804'	1,671	0'

Well Plan

Drill 14-3/4" hole to ~850' w/ freshwater spud mud. Run 10-3/4" 45.5# J55 BTC casing to TD and cement to surface in one stage.

Drill tapered hole (9-7/8x8-3/4") to ~9,863' with cut brine. Run 7-5/8 29.7# L80 ICY x P110 CY BTC to TD and cement to surface in 2 stages.

Drill 6-3/4" vertical, curve and lateral to ~22,804' with OBM. Run 5.5" 23# P110 CY BTC casing from TD to surface and cement to surface in one stage.

Well Control

After setting 13-3/8" casing and installing 5000 psi casing head, NU 13-5/8" Cameron BOP. Test casing to 1500 psi, annular to 2500psi and other BOP equipment to 5000 psi.

<u>Type</u>	<u>Working Pressure</u>	<u>Test Pressure</u>	<u>Manufacture</u>
Double Ram	5000 psi	5000 psi	Cameron

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

CONDITIONS

Action 181991

CONDITIONS

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 181991
	Action Type: [C-103] NOI Change of Plans (C-103A)

CONDITIONS

Created By	Condition	Condition Date
kpickford	Adhere to previous NMOCD Conditions of Approval	2/3/2023