

Submit a 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 Wayne 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 30-015-50006	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 908H
7 OGRID No. 229137	8 Operator Name COG OPERATING LLC	9 Elevation 3073.03'

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	755'	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
C	22	26-S	28-E		200'	NORTH	970'	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=619583.61 LAT.= 32.00112664° N
Y=364240.71 LONG.= 104.08091408° W
415' FSL, 755' FWL - SECTION 34

FIRST TAKE POINT (FTP)
NEW MEXICO EAST - NAD 83
X=619798.77 LAT.= 32.00089435° N
Y=364156.71 LONG.= 104.08022063° W
330' FSL, 970' FWL - SECTION 34

LAST TAKE POINT (LTP)
NEW MEXICO EAST - NAD 83
X=619770.98 LAT.= 32.03425718° N
Y=376293.13 LONG.= 104.08021858° W
330' FNL, 970' FWL - SECTION 22

BOTTOM HOLE LOCATION (BHL)
NEW MEXICO EAST - NAD 83
X=619770.43 LAT.= 32.03461455° N
Y=376423.13 LONG.= 104.08021935° W
200' FNL, 970' 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.

Stan Wagner 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.

Date of Survey
Signature and Seal of Professional Surveyor:

Certificate Number

DELAWARE BASIN WEST

ATLAS PROSPECT (NM-E)

POTATO BABY STATE PROJECT (ATLAS 2628)

POTATO BABY STATE COM #908H

300155000600

OWB

Plan: PWP1

Standard Planning Report

31 January, 2023

ConocoPhillips

Planning Report

Database:	EDT 17 Central Planning Prod	Local Co-ordinate Reference:	Well POTATO BABY STATE COM #908H
Company:	DELAWARE BASIN WEST	TVD Reference:	RKB 32ft + GL 3073ft @ 3105.0usft
Project:	ATLAS PROSPECT (NM-E)	MD Reference:	RKB 32ft + GL 3073ft @ 3105.0usft
Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	North Reference:	Grid
Well:	POTATO BABY STATE COM #908H	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	Latitude:	31° 59' 59.999 N
From:	Map	Easting:	577,471.39 usft	Longitude:	104° 5' 0.318 W
Position Uncertainty:	3.0 usft	Slot Radius:	13-3/16 "		

Well	POTATO BABY STATE COM #908H					
Well Position	+N/-S	0.0 usft	Northing:	364,183.68 usft	Latitude:	32° 0' 3.608 N
	+E/-W	0.0 usft	Easting:	578,398.48 usft	Longitude:	104° 4' 49.542 W
Position Uncertainty		3.0 usft	Wellhead Elevation:	usft	Ground Level:	3,073.0 usft
Grid Convergence:		0.13 °				

Wellbore	OWB				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	BGGM2022	4/1/2023	6.64	59.54	47,351.80057132

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	0.88	

Plan Survey Tool Program	Date	1/31/2023			
Depth From (usft)	Depth To (usft)	Survey (Wellbore)	Tool Name	Remarks	
1	0.0	1,250.0 PWP1 (OWB)	r.5 SDI_KPR_WL_NS-CT		
			SDI Keeper Wireline Gyrocomp		
2	1,250.0	9,747.8 PWP1 (OWB)	r.5 MWD+IFR1		
			OWSG MWD + IFR1 rev.5		
3	9,747.8	22,353.9 PWP1 (OWB)	r.5 MWD+IFR1+MS		
			OWSG MWD + IFR1 + Multi-St		

ConocoPhillips
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Company:	DELAWARE BASIN WEST	TVD Reference:	RKB 32ft + GL 3073ft @ 3105.0usft
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Well:	POTATO BABY STATE COM #908H	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	
1,250.0	0.00	0.00	1,250.0	0.0	0.0	0.00	0.00	0.00	0.00	
1,500.0	5.00	114.00	1,499.7	-4.4	10.0	2.00	2.00	0.00	114.00	
3,808.1	5.00	114.00	3,799.0	-86.3	193.7	0.00	0.00	0.00	0.00	
4,308.1	0.00	0.00	4,298.4	-95.1	213.6	1.00	-1.00	0.00	180.00	
9,747.8	0.00	0.00	9,738.0	-95.1	213.6	0.00	0.00	0.00	0.00	
10,645.4	89.77	359.88	10,311.0	475.5	212.4	10.00	10.00	-0.01	359.88	
22,222.3	89.77	359.88	10,358.5	12,052.2	187.6	0.00	0.00	0.00	0.00	
22,353.9	89.77	359.88	10,359.0	12,183.8	187.3	0.00	0.00	0.00	0.00	

ConocoPhillips

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Project:	ATLAS PROSPECT (NM-E)	MD Reference:	RKB 32ft + GL 3073ft @ 3105.0usft
Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	North Reference:	Grid
Well:	POTATO BABY STATE COM #908H	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	
1,100.0	0.00	0.00	1,100.0	0.0	0.0	0.0	0.00	0.00	0.00	
1,200.0	0.00	0.00	1,200.0	0.0	0.0	0.0	0.00	0.00	0.00	
1,250.0	0.00	0.00	1,250.0	0.0	0.0	0.0	0.00	0.00	0.00	
Start Build 2.00										
1,300.0	1.00	114.00	1,300.0	-0.2	0.4	-0.2	2.00	2.00	0.00	
1,400.0	3.00	114.00	1,399.9	-1.6	3.6	-1.5	2.00	2.00	0.00	
1,500.0	5.00	114.00	1,499.7	-4.4	10.0	-4.3	2.00	2.00	0.00	
Start 2308.1 hold at 1500.0 MD										
1,600.0	5.00	114.00	1,599.3	-8.0	17.9	-7.7	0.00	0.00	0.00	
1,700.0	5.00	114.00	1,698.9	-11.5	25.9	-11.1	0.00	0.00	0.00	
1,800.0	5.00	114.00	1,798.5	-15.1	33.8	-14.5	0.00	0.00	0.00	
1,900.0	5.00	114.00	1,898.2	-18.6	41.8	-18.0	0.00	0.00	0.00	
2,000.0	5.00	114.00	1,997.8	-22.2	49.8	-21.4	0.00	0.00	0.00	
2,100.0	5.00	114.00	2,097.4	-25.7	57.7	-24.8	0.00	0.00	0.00	
2,200.0	5.00	114.00	2,197.0	-29.2	65.7	-28.2	0.00	0.00	0.00	
2,300.0	5.00	114.00	2,296.6	-32.8	73.7	-31.7	0.00	0.00	0.00	
2,400.0	5.00	114.00	2,396.3	-36.3	81.6	-35.1	0.00	0.00	0.00	
2,500.0	5.00	114.00	2,495.9	-39.9	89.6	-38.5	0.00	0.00	0.00	
2,600.0	5.00	114.00	2,595.5	-43.4	97.5	-41.9	0.00	0.00	0.00	
2,700.0	5.00	114.00	2,695.1	-47.0	105.5	-45.3	0.00	0.00	0.00	
2,800.0	5.00	114.00	2,794.7	-50.5	113.5	-48.8	0.00	0.00	0.00	
2,900.0	5.00	114.00	2,894.4	-54.1	121.4	-52.2	0.00	0.00	0.00	
3,000.0	5.00	114.00	2,994.0	-57.6	129.4	-55.6	0.00	0.00	0.00	
3,100.0	5.00	114.00	3,093.6	-61.2	137.4	-59.0	0.00	0.00	0.00	
3,200.0	5.00	114.00	3,193.2	-64.7	145.3	-62.5	0.00	0.00	0.00	
3,300.0	5.00	114.00	3,292.8	-68.2	153.3	-65.9	0.00	0.00	0.00	
3,400.0	5.00	114.00	3,392.5	-71.8	161.2	-69.3	0.00	0.00	0.00	
3,500.0	5.00	114.00	3,492.1	-75.3	169.2	-72.7	0.00	0.00	0.00	
3,600.0	5.00	114.00	3,591.7	-78.9	177.2	-76.1	0.00	0.00	0.00	
3,700.0	5.00	114.00	3,691.3	-82.4	185.1	-79.6	0.00	0.00	0.00	
3,808.1	5.00	114.00	3,799.0	-86.3	193.7	-83.3	0.00	0.00	0.00	
Start Drop -1.00										
3,900.0	4.08	114.00	3,890.6	-89.2	200.4	-86.1	1.00	-1.00	0.00	
4,000.0	3.08	114.00	3,990.4	-91.8	206.1	-88.6	1.00	-1.00	0.00	
4,100.0	2.08	114.00	4,090.3	-93.6	210.2	-90.3	1.00	-1.00	0.00	
4,200.0	1.08	114.00	4,190.3	-94.7	212.7	-91.4	1.00	-1.00	0.00	
4,308.1	0.00	0.00	4,298.4	-95.1	213.6	-91.8	1.00	-1.00	0.00	
Start 5439.7 hold at 4308.1 MD										
4,400.0	0.00	0.00	4,390.3	-95.1	213.6	-91.8	0.00	0.00	0.00	
4,500.0	0.00	0.00	4,490.3	-95.1	213.6	-91.8	0.00	0.00	0.00	
4,600.0	0.00	0.00	4,590.3	-95.1	213.6	-91.8	0.00	0.00	0.00	
4,700.0	0.00	0.00	4,690.3	-95.1	213.6	-91.8	0.00	0.00	0.00	

ConocoPhillips

Planning Report

Database:	EDT 17 Central Planning Prod	Local Co-ordinate Reference:	Well POTATO BABY STATE COM #908H
Company:	DELAWARE BASIN WEST	TVD Reference:	RKB 32ft + GL 3073ft @ 3105.0usft
Project:	ATLAS PROSPECT (NM-E)	MD Reference:	RKB 32ft + GL 3073ft @ 3105.0usft
Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	North Reference:	Grid
Well:	POTATO BABY STATE COM #908H	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)	
4,800.0	0.00	0.00	4,790.3	-95.1	213.6	-91.8	0.00	0.00	0.00	
4,900.0	0.00	0.00	4,890.3	-95.1	213.6	-91.8	0.00	0.00	0.00	
5,000.0	0.00	0.00	4,990.3	-95.1	213.6	-91.8	0.00	0.00	0.00	
5,100.0	0.00	0.00	5,090.3	-95.1	213.6	-91.8	0.00	0.00	0.00	
5,200.0	0.00	0.00	5,190.3	-95.1	213.6	-91.8	0.00	0.00	0.00	
5,300.0	0.00	0.00	5,290.3	-95.1	213.6	-91.8	0.00	0.00	0.00	
5,400.0	0.00	0.00	5,390.3	-95.1	213.6	-91.8	0.00	0.00	0.00	
5,500.0	0.00	0.00	5,490.3	-95.1	213.6	-91.8	0.00	0.00	0.00	
5,600.0	0.00	0.00	5,590.3	-95.1	213.6	-91.8	0.00	0.00	0.00	
5,700.0	0.00	0.00	5,690.3	-95.1	213.6	-91.8	0.00	0.00	0.00	
5,800.0	0.00	0.00	5,790.3	-95.1	213.6	-91.8	0.00	0.00	0.00	
5,900.0	0.00	0.00	5,890.3	-95.1	213.6	-91.8	0.00	0.00	0.00	
6,000.0	0.00	0.00	5,990.3	-95.1	213.6	-91.8	0.00	0.00	0.00	
6,100.0	0.00	0.00	6,090.3	-95.1	213.6	-91.8	0.00	0.00	0.00	
6,200.0	0.00	0.00	6,190.3	-95.1	213.6	-91.8	0.00	0.00	0.00	
6,300.0	0.00	0.00	6,290.3	-95.1	213.6	-91.8	0.00	0.00	0.00	
6,400.0	0.00	0.00	6,390.3	-95.1	213.6	-91.8	0.00	0.00	0.00	
6,500.0	0.00	0.00	6,490.3	-95.1	213.6	-91.8	0.00	0.00	0.00	
6,600.0	0.00	0.00	6,590.3	-95.1	213.6	-91.8	0.00	0.00	0.00	
6,700.0	0.00	0.00	6,690.3	-95.1	213.6	-91.8	0.00	0.00	0.00	
6,800.0	0.00	0.00	6,790.3	-95.1	213.6	-91.8	0.00	0.00	0.00	
6,900.0	0.00	0.00	6,890.3	-95.1	213.6	-91.8	0.00	0.00	0.00	
7,000.0	0.00	0.00	6,990.3	-95.1	213.6	-91.8	0.00	0.00	0.00	
7,100.0	0.00	0.00	7,090.3	-95.1	213.6	-91.8	0.00	0.00	0.00	
7,200.0	0.00	0.00	7,190.3	-95.1	213.6	-91.8	0.00	0.00	0.00	
7,300.0	0.00	0.00	7,290.3	-95.1	213.6	-91.8	0.00	0.00	0.00	
7,400.0	0.00	0.00	7,390.3	-95.1	213.6	-91.8	0.00	0.00	0.00	
7,500.0	0.00	0.00	7,490.3	-95.1	213.6	-91.8	0.00	0.00	0.00	
7,600.0	0.00	0.00	7,590.3	-95.1	213.6	-91.8	0.00	0.00	0.00	
7,700.0	0.00	0.00	7,690.3	-95.1	213.6	-91.8	0.00	0.00	0.00	
7,800.0	0.00	0.00	7,790.3	-95.1	213.6	-91.8	0.00	0.00	0.00	
7,900.0	0.00	0.00	7,890.3	-95.1	213.6	-91.8	0.00	0.00	0.00	
8,000.0	0.00	0.00	7,990.3	-95.1	213.6	-91.8	0.00	0.00	0.00	
8,100.0	0.00	0.00	8,090.3	-95.1	213.6	-91.8	0.00	0.00	0.00	
8,200.0	0.00	0.00	8,190.3	-95.1	213.6	-91.8	0.00	0.00	0.00	
8,300.0	0.00	0.00	8,290.3	-95.1	213.6	-91.8	0.00	0.00	0.00	
8,400.0	0.00	0.00	8,390.3	-95.1	213.6	-91.8	0.00	0.00	0.00	
8,500.0	0.00	0.00	8,490.3	-95.1	213.6	-91.8	0.00	0.00	0.00	
8,600.0	0.00	0.00	8,590.3	-95.1	213.6	-91.8	0.00	0.00	0.00	
8,700.0	0.00	0.00	8,690.3	-95.1	213.6	-91.8	0.00	0.00	0.00	
8,800.0	0.00	0.00	8,790.3	-95.1	213.6	-91.8	0.00	0.00	0.00	
8,900.0	0.00	0.00	8,890.3	-95.1	213.6	-91.8	0.00	0.00	0.00	
9,000.0	0.00	0.00	8,990.3	-95.1	213.6	-91.8	0.00	0.00	0.00	
9,100.0	0.00	0.00	9,090.3	-95.1	213.6	-91.8	0.00	0.00	0.00	
9,200.0	0.00	0.00	9,190.3	-95.1	213.6	-91.8	0.00	0.00	0.00	
9,300.0	0.00	0.00	9,290.3	-95.1	213.6	-91.8	0.00	0.00	0.00	
9,400.0	0.00	0.00	9,390.3	-95.1	213.6	-91.8	0.00	0.00	0.00	
9,500.0	0.00	0.00	9,490.3	-95.1	213.6	-91.8	0.00	0.00	0.00	
9,600.0	0.00	0.00	9,590.3	-95.1	213.6	-91.8	0.00	0.00	0.00	
9,700.0	0.00	0.00	9,690.3	-95.1	213.6	-91.8	0.00	0.00	0.00	
9,747.8	0.00	0.00	9,738.0	-95.1	213.6	-91.8	0.00	0.00	0.00	
Start DLS 10.00 TFO 359.88										

ConocoPhillips

Planning Report

Database:	EDT 17 Central Planning Prod	Local Co-ordinate Reference:	Well POTATO BABY STATE COM #908H
Company:	DELAWARE BASIN WEST	TVD Reference:	RKB 32ft + GL 3073ft @ 3105.0usft
Project:	ATLAS PROSPECT (NM-E)	MD Reference:	RKB 32ft + GL 3073ft @ 3105.0usft
Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	North Reference:	Grid
Well:	POTATO BABY STATE COM #908H	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)
9,750.0	0.22	359.88	9,740.3	-95.1	213.6	-91.8	10.00	10.00	0.00
9,800.0	5.22	359.88	9,790.2	-92.7	213.6	-89.5	10.00	10.00	0.00
9,850.0	10.22	359.88	9,839.7	-86.0	213.6	-82.7	10.00	10.00	0.00
9,900.0	15.22	359.88	9,888.5	-75.0	213.6	-71.7	10.00	10.00	0.00
9,950.0	20.22	359.88	9,936.1	-59.8	213.6	-56.5	10.00	10.00	0.00
10,000.0	25.22	359.88	9,982.2	-40.5	213.5	-37.2	10.00	10.00	0.00
10,050.0	30.22	359.88	10,026.4	-17.2	213.5	-14.0	10.00	10.00	0.00
10,100.0	35.22	359.88	10,068.5	9.8	213.4	13.0	10.00	10.00	0.00
10,150.0	40.22	359.88	10,108.0	40.4	213.4	43.6	10.00	10.00	0.00
10,200.0	45.22	359.88	10,144.8	74.3	213.3	77.5	10.00	10.00	0.00
10,250.0	50.22	359.88	10,178.4	111.2	213.2	114.5	10.00	10.00	0.00
10,300.0	55.22	359.88	10,208.7	151.0	213.1	154.3	10.00	10.00	0.00
10,350.0	60.22	359.88	10,235.3	193.3	213.0	196.5	10.00	10.00	0.00
10,400.0	65.22	359.88	10,258.3	237.7	212.9	240.9	10.00	10.00	0.00
10,450.0	70.22	359.88	10,277.2	284.0	212.8	287.2	10.00	10.00	0.00
10,500.0	75.22	359.88	10,292.1	331.7	212.7	334.9	10.00	10.00	0.00
10,550.0	80.22	359.88	10,302.7	380.5	212.6	383.7	10.00	10.00	0.00
10,600.0	85.22	359.88	10,309.0	430.1	212.5	433.3	10.00	10.00	0.00
10,645.4	89.77	359.88	10,311.0	475.5	212.4	478.7	10.00	10.00	0.00
Start 11576.8 hold at 10645.4 MD									
10,700.0	89.77	359.88	10,311.2	530.1	212.3	533.2	0.00	0.00	0.00
10,800.0	89.77	359.88	10,311.6	630.1	212.1	633.2	0.00	0.00	0.00
10,900.0	89.77	359.88	10,312.0	730.0	211.9	733.2	0.00	0.00	0.00
11,000.0	89.77	359.88	10,312.5	830.0	211.7	833.2	0.00	0.00	0.00
11,100.0	89.77	359.88	10,312.9	930.0	211.5	933.2	0.00	0.00	0.00
11,200.0	89.77	359.88	10,313.3	1,030.0	211.2	1,033.2	0.00	0.00	0.00
11,300.0	89.77	359.88	10,313.7	1,130.0	211.0	1,133.2	0.00	0.00	0.00
11,400.0	89.77	359.88	10,314.1	1,230.0	210.8	1,233.1	0.00	0.00	0.00
11,500.0	89.77	359.88	10,314.5	1,330.0	210.6	1,333.1	0.00	0.00	0.00
11,600.0	89.77	359.88	10,314.9	1,430.0	210.4	1,433.1	0.00	0.00	0.00
11,700.0	89.77	359.88	10,315.3	1,530.0	210.2	1,533.1	0.00	0.00	0.00
11,800.0	89.77	359.88	10,315.7	1,630.0	210.0	1,633.1	0.00	0.00	0.00
11,900.0	89.77	359.88	10,316.1	1,730.0	209.7	1,733.1	0.00	0.00	0.00
12,000.0	89.77	359.88	10,316.6	1,830.0	209.5	1,833.0	0.00	0.00	0.00
12,100.0	89.77	359.88	10,317.0	1,930.0	209.3	1,933.0	0.00	0.00	0.00
12,200.0	89.77	359.88	10,317.4	2,030.0	209.1	2,033.0	0.00	0.00	0.00
12,300.0	89.77	359.88	10,317.8	2,130.0	208.9	2,133.0	0.00	0.00	0.00
12,400.0	89.77	359.88	10,318.2	2,230.0	208.7	2,233.0	0.00	0.00	0.00
12,500.0	89.77	359.88	10,318.6	2,330.0	208.5	2,333.0	0.00	0.00	0.00
12,600.0	89.77	359.88	10,319.0	2,430.0	208.2	2,432.9	0.00	0.00	0.00
12,700.0	89.77	359.88	10,319.4	2,530.0	208.0	2,532.9	0.00	0.00	0.00
12,800.0	89.77	359.88	10,319.8	2,630.0	207.8	2,632.9	0.00	0.00	0.00
12,900.0	89.77	359.88	10,320.2	2,730.0	207.6	2,732.9	0.00	0.00	0.00
13,000.0	89.77	359.88	10,320.7	2,830.0	207.4	2,832.9	0.00	0.00	0.00
13,100.0	89.77	359.88	10,321.1	2,930.0	207.2	2,932.9	0.00	0.00	0.00
13,200.0	89.77	359.88	10,321.5	3,030.0	207.0	3,032.8	0.00	0.00	0.00
13,300.0	89.77	359.88	10,321.9	3,130.0	206.7	3,132.8	0.00	0.00	0.00
13,400.0	89.77	359.88	10,322.3	3,230.0	206.5	3,232.8	0.00	0.00	0.00
13,500.0	89.77	359.88	10,322.7	3,330.0	206.3	3,332.8	0.00	0.00	0.00
13,600.0	89.77	359.88	10,323.1	3,430.0	206.1	3,432.8	0.00	0.00	0.00
13,700.0	89.77	359.88	10,323.5	3,530.0	205.9	3,532.8	0.00	0.00	0.00
13,800.0	89.77	359.88	10,323.9	3,630.0	205.7	3,632.7	0.00	0.00	0.00
13,900.0	89.77	359.88	10,324.3	3,730.0	205.5	3,732.7	0.00	0.00	0.00

ConocoPhillips

Planning Report

Database:	EDT 17 Central Planning Prod	Local Co-ordinate Reference:	Well POTATO BABY STATE COM #908H
Company:	DELAWARE BASIN WEST	TVD Reference:	RKB 32ft + GL 3073ft @ 3105.0usft
Project:	ATLAS PROSPECT (NM-E)	MD Reference:	RKB 32ft + GL 3073ft @ 3105.0usft
Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	North Reference:	Grid
Well:	POTATO BABY STATE COM #908H	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)
14,000.0	89.77	359.88	10,324.8	3,830.0	205.2	3,832.7	0.00	0.00	0.00
14,100.0	89.77	359.88	10,325.2	3,930.0	205.0	3,932.7	0.00	0.00	0.00
14,200.0	89.77	359.88	10,325.6	4,030.0	204.8	4,032.7	0.00	0.00	0.00
14,300.0	89.77	359.88	10,326.0	4,130.0	204.6	4,132.7	0.00	0.00	0.00
14,400.0	89.77	359.88	10,326.4	4,230.0	204.4	4,232.7	0.00	0.00	0.00
14,500.0	89.77	359.88	10,326.8	4,330.0	204.2	4,332.6	0.00	0.00	0.00
14,600.0	89.77	359.88	10,327.2	4,430.0	204.0	4,432.6	0.00	0.00	0.00
14,700.0	89.77	359.88	10,327.6	4,530.0	203.7	4,532.6	0.00	0.00	0.00
14,800.0	89.77	359.88	10,328.0	4,630.0	203.5	4,632.6	0.00	0.00	0.00
14,900.0	89.77	359.88	10,328.4	4,730.0	203.3	4,732.6	0.00	0.00	0.00
15,000.0	89.77	359.88	10,328.9	4,830.0	203.1	4,832.6	0.00	0.00	0.00
15,100.0	89.77	359.88	10,329.3	4,930.0	202.9	4,932.5	0.00	0.00	0.00
15,200.0	89.77	359.88	10,329.7	5,030.0	202.7	5,032.5	0.00	0.00	0.00
15,300.0	89.77	359.88	10,330.1	5,130.0	202.5	5,132.5	0.00	0.00	0.00
15,400.0	89.77	359.88	10,330.5	5,230.0	202.2	5,232.5	0.00	0.00	0.00
15,500.0	89.77	359.88	10,330.9	5,330.0	202.0	5,332.5	0.00	0.00	0.00
15,600.0	89.77	359.88	10,331.3	5,430.0	201.8	5,432.5	0.00	0.00	0.00
15,700.0	89.77	359.88	10,331.7	5,530.0	201.6	5,532.4	0.00	0.00	0.00
15,800.0	89.77	359.88	10,332.1	5,630.0	201.4	5,632.4	0.00	0.00	0.00
15,900.0	89.77	359.88	10,332.5	5,730.0	201.2	5,732.4	0.00	0.00	0.00
16,000.0	89.77	359.88	10,333.0	5,830.0	201.0	5,832.4	0.00	0.00	0.00
16,100.0	89.77	359.88	10,333.4	5,930.0	200.7	5,932.4	0.00	0.00	0.00
16,200.0	89.77	359.88	10,333.8	6,030.0	200.5	6,032.4	0.00	0.00	0.00
16,300.0	89.77	359.88	10,334.2	6,130.0	200.3	6,132.3	0.00	0.00	0.00
16,400.0	89.77	359.88	10,334.6	6,230.0	200.1	6,232.3	0.00	0.00	0.00
16,500.0	89.77	359.88	10,335.0	6,330.0	199.9	6,332.3	0.00	0.00	0.00
16,600.0	89.77	359.88	10,335.4	6,430.0	199.7	6,432.3	0.00	0.00	0.00
16,700.0	89.77	359.88	10,335.8	6,530.0	199.5	6,532.3	0.00	0.00	0.00
16,800.0	89.77	359.88	10,336.2	6,630.0	199.2	6,632.3	0.00	0.00	0.00
16,900.0	89.77	359.88	10,336.6	6,730.0	199.0	6,732.2	0.00	0.00	0.00
17,000.0	89.77	359.88	10,337.1	6,830.0	198.8	6,832.2	0.00	0.00	0.00
17,100.0	89.77	359.88	10,337.5	6,930.0	198.6	6,932.2	0.00	0.00	0.00
17,200.0	89.77	359.88	10,337.9	7,030.0	198.4	7,032.2	0.00	0.00	0.00
17,300.0	89.77	359.88	10,338.3	7,130.0	198.2	7,132.2	0.00	0.00	0.00
17,400.0	89.77	359.88	10,338.7	7,230.0	198.0	7,232.2	0.00	0.00	0.00
17,500.0	89.77	359.88	10,339.1	7,330.0	197.7	7,332.2	0.00	0.00	0.00
17,600.0	89.77	359.88	10,339.5	7,430.0	197.5	7,432.1	0.00	0.00	0.00
17,700.0	89.77	359.88	10,339.9	7,530.0	197.3	7,532.1	0.00	0.00	0.00
17,800.0	89.77	359.88	10,340.3	7,630.0	197.1	7,632.1	0.00	0.00	0.00
17,900.0	89.77	359.88	10,340.7	7,730.0	196.9	7,732.1	0.00	0.00	0.00
18,000.0	89.77	359.88	10,341.2	7,830.0	196.7	7,832.1	0.00	0.00	0.00
18,100.0	89.77	359.88	10,341.6	7,930.0	196.5	7,932.1	0.00	0.00	0.00
18,200.0	89.77	359.88	10,342.0	8,030.0	196.2	8,032.0	0.00	0.00	0.00
18,300.0	89.77	359.88	10,342.4	8,130.0	196.0	8,132.0	0.00	0.00	0.00
18,400.0	89.77	359.88	10,342.8	8,230.0	195.8	8,232.0	0.00	0.00	0.00
18,500.0	89.77	359.88	10,343.2	8,330.0	195.6	8,332.0	0.00	0.00	0.00
18,600.0	89.77	359.88	10,343.6	8,430.0	195.4	8,432.0	0.00	0.00	0.00
18,700.0	89.77	359.88	10,344.0	8,530.0	195.2	8,532.0	0.00	0.00	0.00
18,800.0	89.77	359.88	10,344.4	8,630.0	195.0	8,631.9	0.00	0.00	0.00
18,900.0	89.77	359.88	10,344.8	8,730.0	194.7	8,731.9	0.00	0.00	0.00
19,000.0	89.77	359.88	10,345.2	8,830.0	194.5	8,831.9	0.00	0.00	0.00
19,100.0	89.77	359.88	10,345.7	8,930.0	194.3	8,931.9	0.00	0.00	0.00
19,200.0	89.77	359.88	10,346.1	9,030.0	194.1	9,031.9	0.00	0.00	0.00

ConocoPhillips

Planning Report

Database:	EDT 17 Central Planning Prod	Local Co-ordinate Reference:	Well POTATO BABY STATE COM #908H
Company:	DELAWARE BASIN WEST	TVD Reference:	RKB 32ft + GL 3073ft @ 3105.0usft
Project:	ATLAS PROSPECT (NM-E)	MD Reference:	RKB 32ft + GL 3073ft @ 3105.0usft
Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	North Reference:	Grid
Well:	POTATO BABY STATE COM #908H	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)	
19,300.0	89.77	359.88	10,346.5	9,130.0	193.9	9,131.9	0.00	0.00	0.00	
19,400.0	89.77	359.88	10,346.9	9,230.0	193.7	9,231.8	0.00	0.00	0.00	
19,500.0	89.77	359.88	10,347.3	9,330.0	193.5	9,331.8	0.00	0.00	0.00	
19,600.0	89.77	359.88	10,347.7	9,430.0	193.2	9,431.8	0.00	0.00	0.00	
19,700.0	89.77	359.88	10,348.1	9,530.0	193.0	9,531.8	0.00	0.00	0.00	
19,800.0	89.77	359.88	10,348.5	9,630.0	192.8	9,631.8	0.00	0.00	0.00	
19,900.0	89.77	359.88	10,348.9	9,730.0	192.6	9,731.8	0.00	0.00	0.00	
20,000.0	89.77	359.88	10,349.3	9,830.0	192.4	9,831.7	0.00	0.00	0.00	
20,100.0	89.77	359.88	10,349.8	9,930.0	192.2	9,931.7	0.00	0.00	0.00	
20,200.0	89.77	359.88	10,350.2	10,029.9	192.0	10,031.7	0.00	0.00	0.00	
20,300.0	89.77	359.88	10,350.6	10,129.9	191.7	10,131.7	0.00	0.00	0.00	
20,400.0	89.77	359.88	10,351.0	10,229.9	191.5	10,231.7	0.00	0.00	0.00	
20,500.0	89.77	359.88	10,351.4	10,329.9	191.3	10,331.7	0.00	0.00	0.00	
20,600.0	89.77	359.88	10,351.8	10,429.9	191.1	10,431.6	0.00	0.00	0.00	
20,700.0	89.77	359.88	10,352.2	10,529.9	190.9	10,531.6	0.00	0.00	0.00	
20,800.0	89.77	359.88	10,352.6	10,629.9	190.7	10,631.6	0.00	0.00	0.00	
20,900.0	89.77	359.88	10,353.0	10,729.9	190.5	10,731.6	0.00	0.00	0.00	
21,000.0	89.77	359.88	10,353.4	10,829.9	190.2	10,831.6	0.00	0.00	0.00	
21,100.0	89.77	359.88	10,353.9	10,929.9	190.0	10,931.6	0.00	0.00	0.00	
21,200.0	89.77	359.88	10,354.3	11,029.9	189.8	11,031.6	0.00	0.00	0.00	
21,300.0	89.77	359.88	10,354.7	11,129.9	189.6	11,131.5	0.00	0.00	0.00	
21,400.0	89.77	359.88	10,355.1	11,229.9	189.4	11,231.5	0.00	0.00	0.00	
21,500.0	89.77	359.88	10,355.5	11,329.9	189.2	11,331.5	0.00	0.00	0.00	
21,600.0	89.77	359.88	10,355.9	11,429.9	189.0	11,431.5	0.00	0.00	0.00	
21,700.0	89.77	359.88	10,356.3	11,529.9	188.7	11,531.5	0.00	0.00	0.00	
21,800.0	89.77	359.88	10,356.7	11,629.9	188.5	11,631.5	0.00	0.00	0.00	
21,900.0	89.77	359.88	10,357.1	11,729.9	188.3	11,731.4	0.00	0.00	0.00	
22,000.0	89.77	359.88	10,357.5	11,829.9	188.1	11,831.4	0.00	0.00	0.00	
22,100.0	89.77	359.88	10,358.0	11,929.9	187.9	11,931.4	0.00	0.00	0.00	
22,200.0	89.77	359.88	10,358.4	12,029.9	187.7	12,031.4	0.00	0.00	0.00	
22,222.3	89.77	359.88	10,358.5	12,052.2	187.6	12,053.6	0.00	0.00	0.00	
Start 131.7 hold at 22222.3 MD										
22,300.0	89.77	359.88	10,358.8	12,129.9	187.5	12,131.4	0.00	0.00	0.00	
22,353.9	89.77	359.88	10,359.0	12,183.8	187.3	12,185.3	0.00	0.00	0.00	
TD at 22353.9										

Design Targets										
Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude	
FTP (POTATO BABY ST - hit/miss target - Shape	0.00	0.00	10,311.0	-84.0	215.1	364,099.69	578,613.63	32° 0' 2.772 N	104° 4' 47.046 W	
- plan misses target center by 229.5usft at 10200.0usft MD (10144.8 TVD, 74.3 N, 213.3 E) - Circle (radius 50.0)										
LTP (POTATO BABY ST - plan hits target center - Circle (radius 50.0)	90.00	359.88	10,358.5	12,052.2	187.6	376,235.86	578,586.10	32° 2' 2.880 N	104° 4' 47.035 W	
BHL (POTATO BABY ST - plan misses target center by 0.3usft at 22353.9usft MD (10359.0 TVD, 12183.8 N, 187.3 E) - Rectangle (sides W100.0 H12,266.5 D20.0)	0.24	179.88	10,359.0	12,183.8	187.1	376,367.53	578,585.55	32° 2' 4.183 N	104° 4' 47.037 W	

ConocoPhillips

Planning Report

Database:	EDT 17 Central Planning Prod	Local Co-ordinate Reference:	Well POTATO BABY STATE COM #908H
Company:	DELAWARE BASIN WEST	TVD Reference:	RKB 32ft + GL 3073ft @ 3105.0usft
Project:	ATLAS PROSPECT (NM-E)	MD Reference:	RKB 32ft + GL 3073ft @ 3105.0usft
Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	North Reference:	Grid
Well:	POTATO BABY STATE COM #908H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OWB		
Design:	PWP1		

Casing Points					
Measured Depth (usft)	Vertical Depth (usft)	Name	Casing Diameter (")	Hole Diameter (")	
1,250.0	1,250.0	13-3/8" Surface Casing	13-3/8	17-1/2	
9,747.8	9,738.0	9-5/8" Intermediate Casing	9-5/8	12-1/4	
22,353.9	10,359.0	5-1/2" Production Casing	5-1/2	8-3/4	

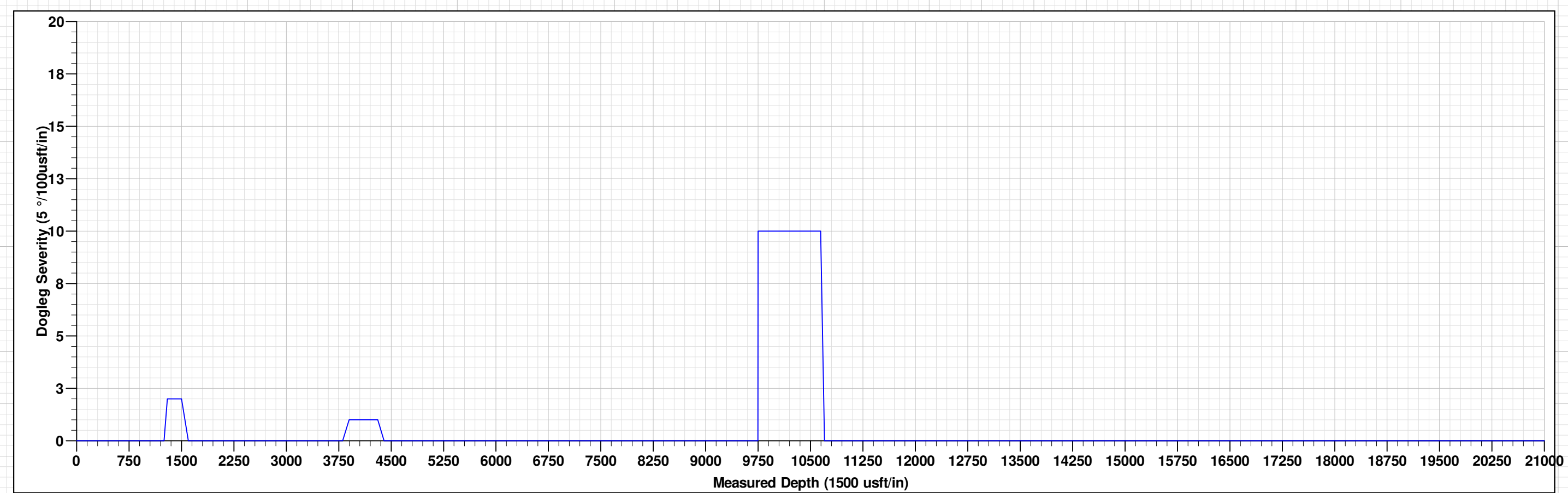
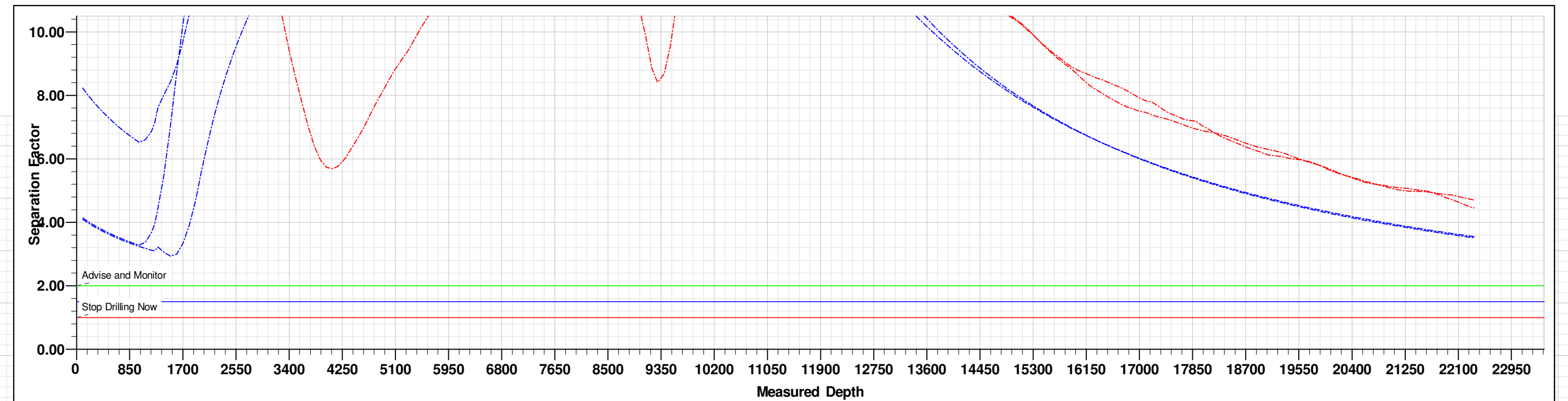
Plan Annotations					
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates			
		+N/-S (usft)	+E/-W (usft)	Comment	
1,250.0	1,250.0	0.0	0.0	Start Build 2.00	
1,500.0	1,499.7	-4.4	10.0	Start 2308.1 hold at 1500.0 MD	
3,808.1	3,799.0	-86.3	193.7	Start Drop -1.00	
4,308.1	4,298.4	-95.1	213.6	Start 5439.7 hold at 4308.1 MD	
9,747.8	9,738.0	-95.1	213.6	Start DLS 10.00 TFO 359.88	
10,645.4	10,311.0	475.5	212.4	Start 11576.8 hold at 10645.4 MD	
22,222.3	10,358.5	12,052.2	187.6	Start 131.7 hold at 22222.3 MD	
22,353.9	10,359.0	12,183.8	187.3	TD at 22353.9	



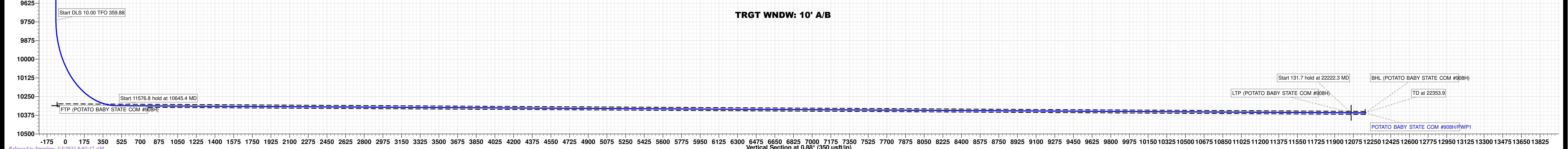
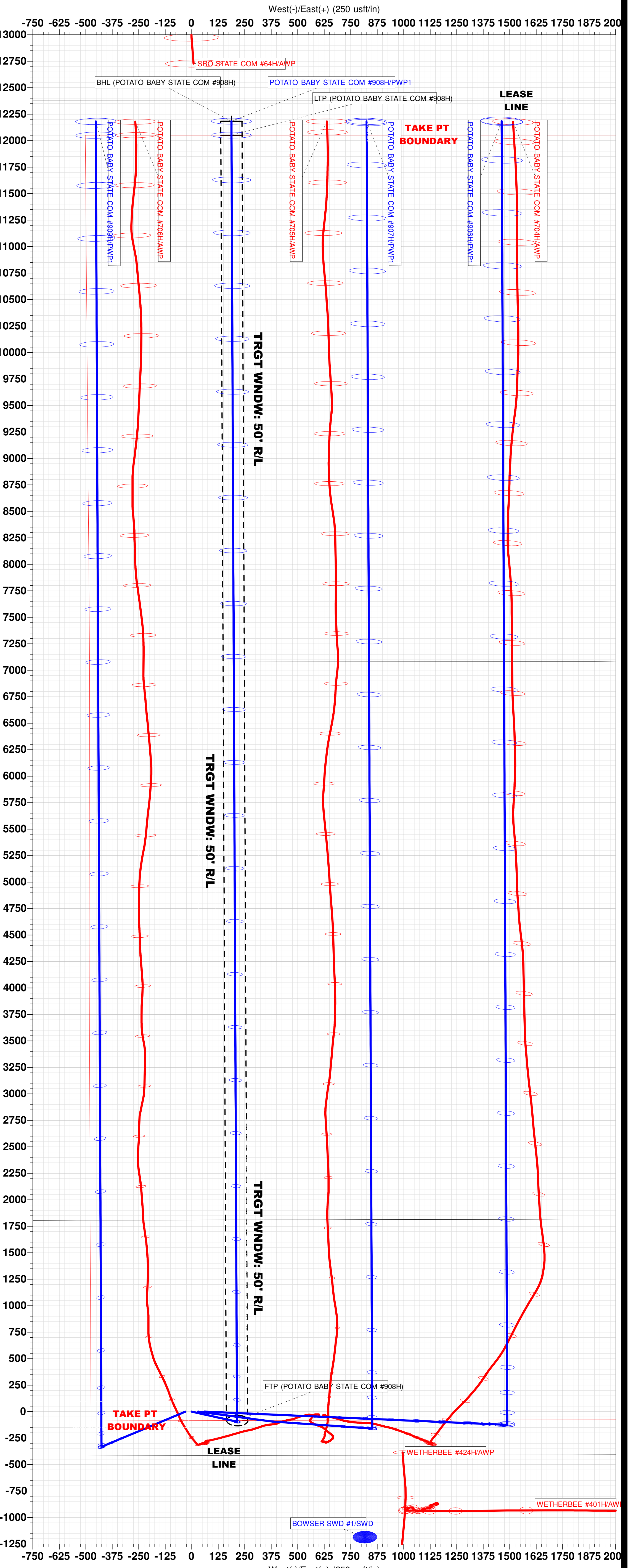
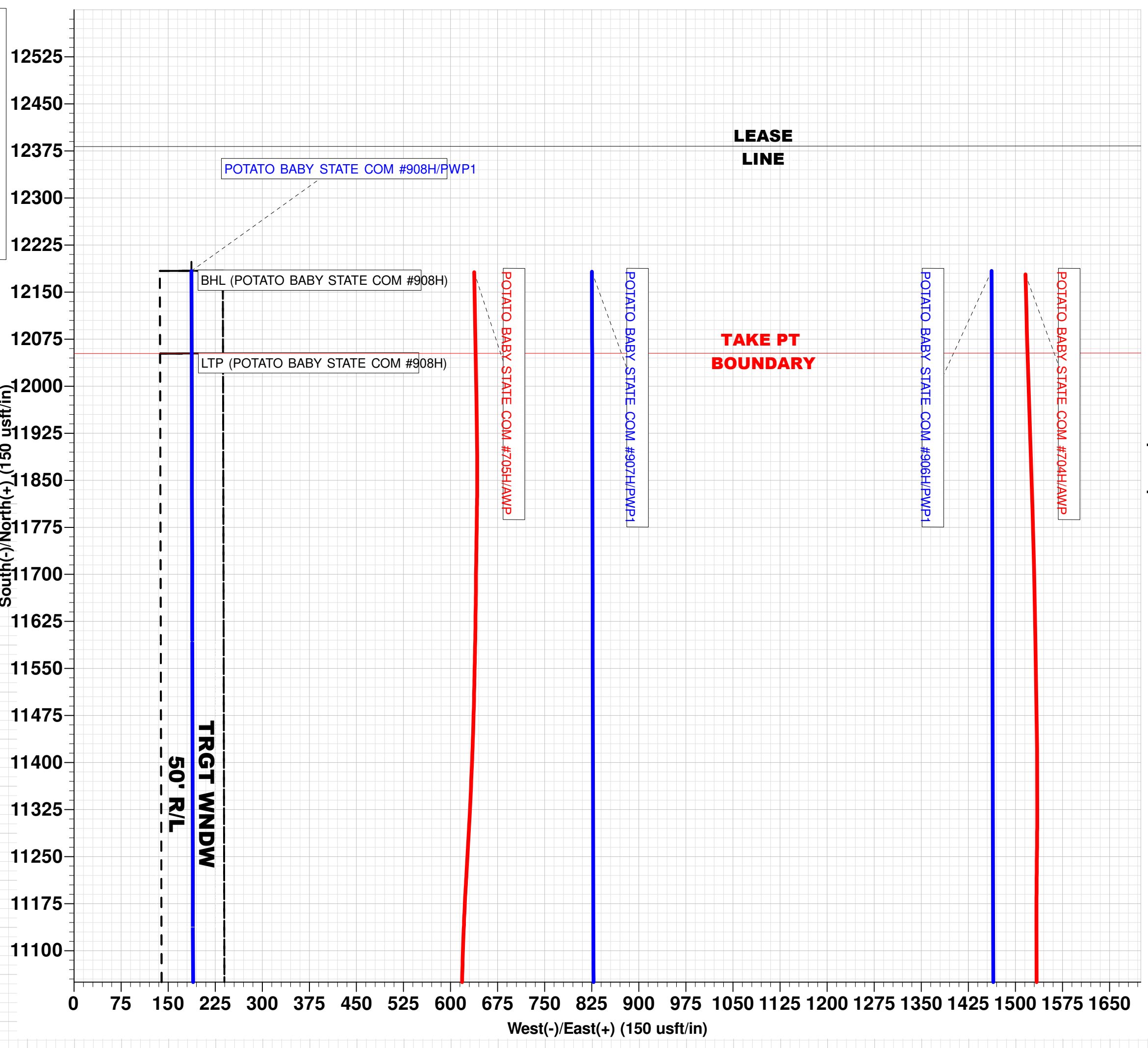
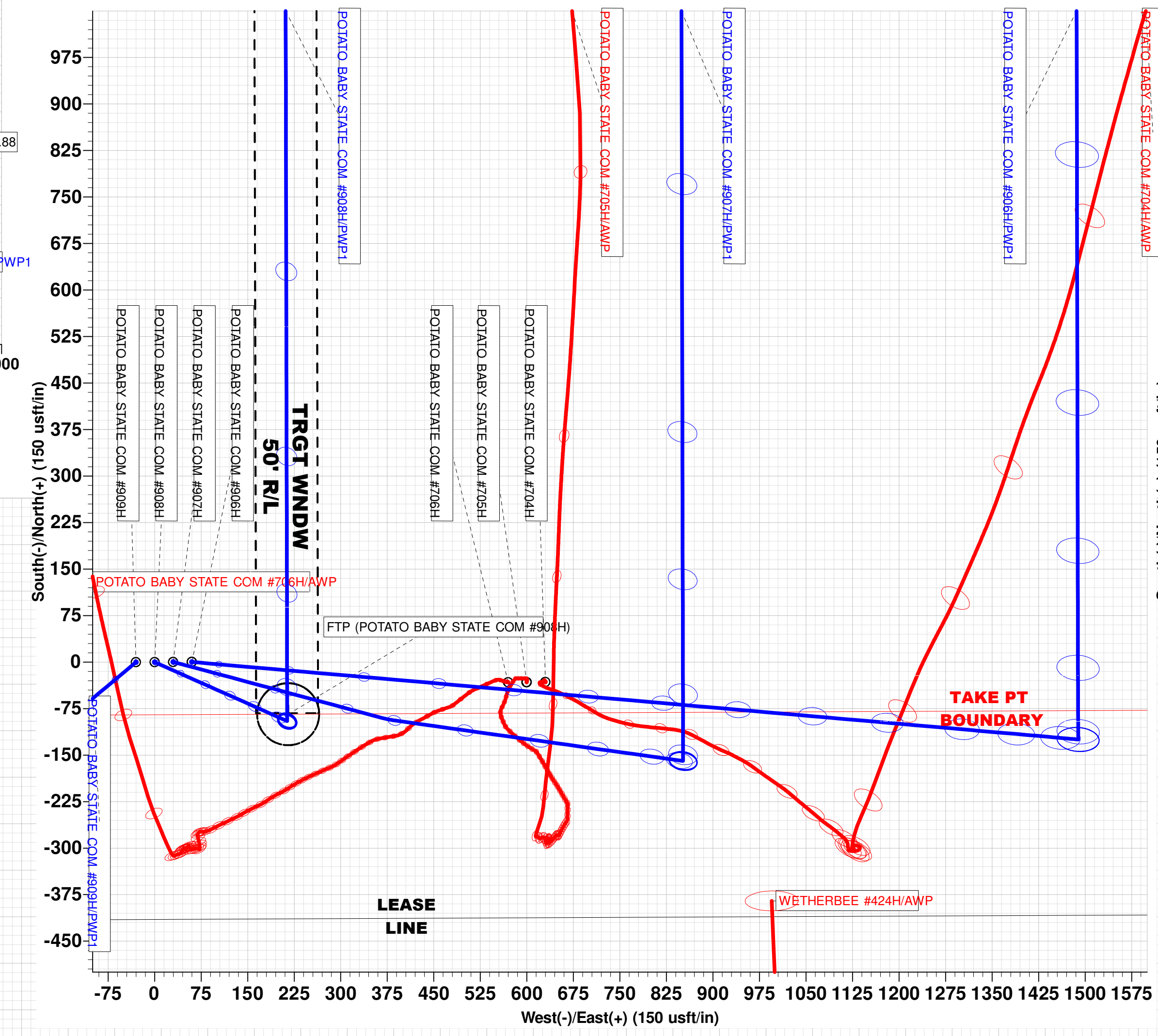
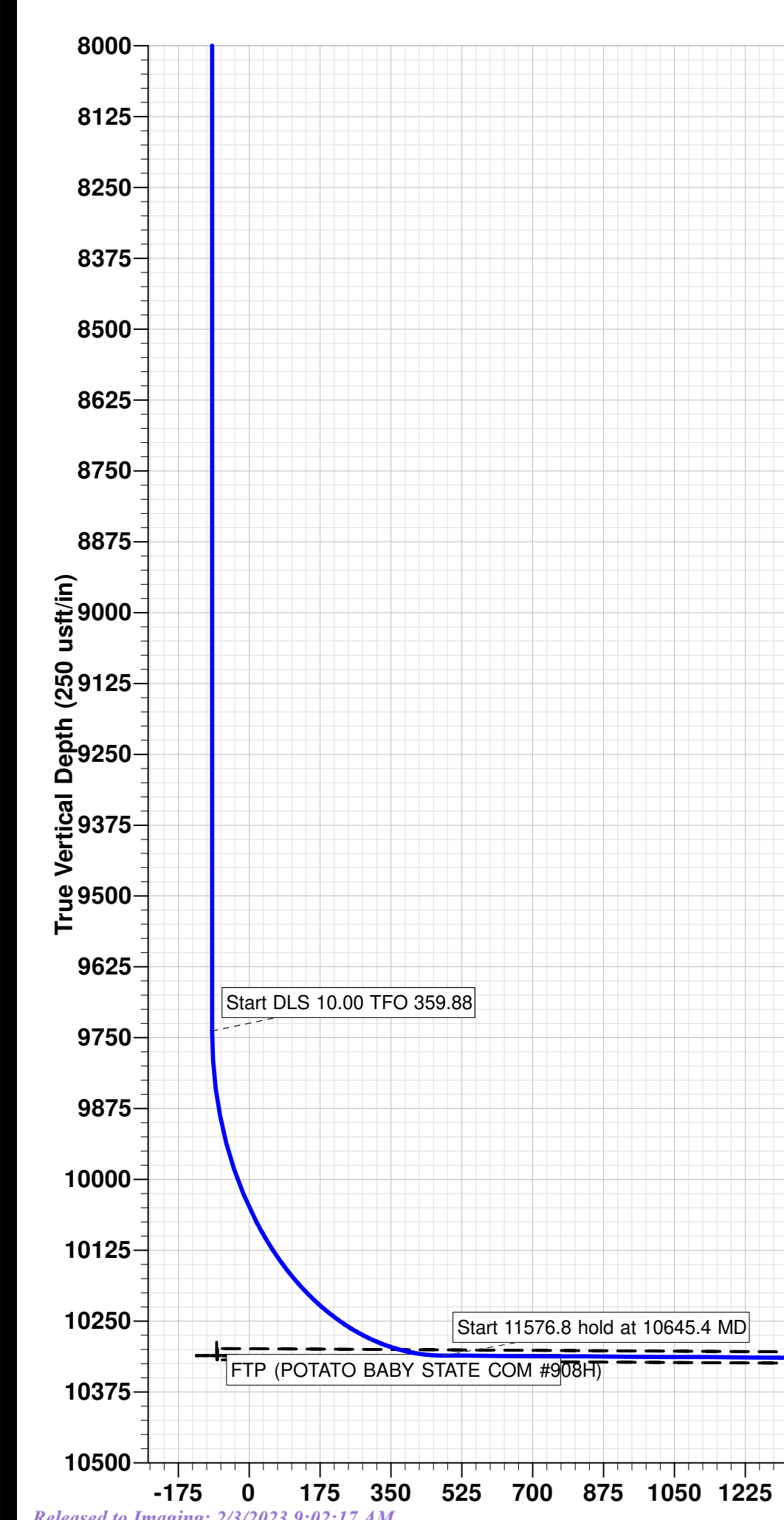
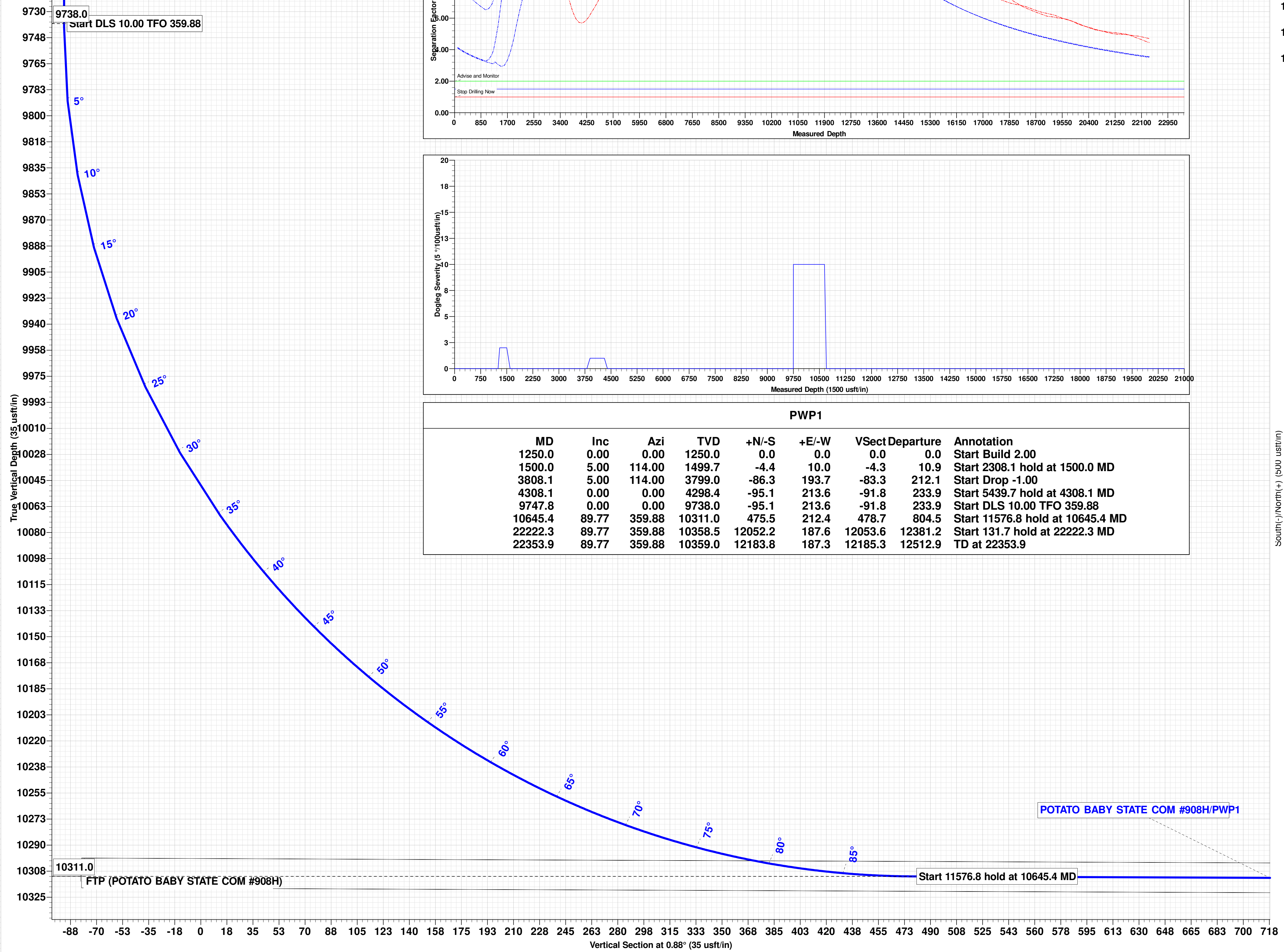
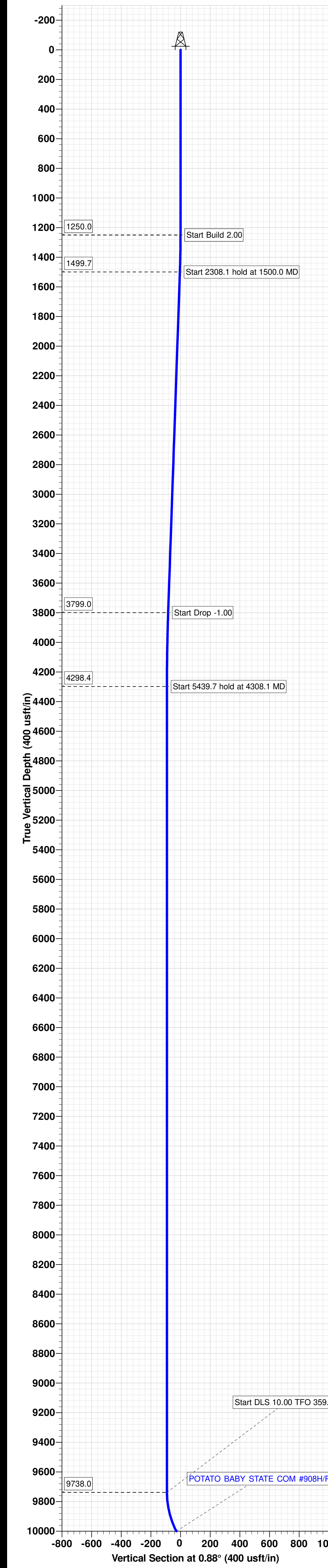
Project: ATLAS PROSPECT (NM-E)
Site: POTATO BABY STATE PROJECT (ATLAS 2628)
Well: POTATO BABY STATE COM #908H
Wellbore: OWB
Design: PWP1
GL: 3073.0
RKB 32ft + GL 3073ft @ 3105.0usft

WELL DETAILS: POTATO BABY STATE COM #908H					
+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
0.0	0.0	364183.68	578398.48	32° 0' 3.608 N	104° 4' 49.542 W

DESIGN TARGET DETAILS					
Name	TVD	+N/-S	+E/-W	Northing	Easting
FTP (POTATO BABY STATE COM #908H)	10311.0	-84.0	215.2	364099.69	578613.63
LTP (POTATO BABY STATE COM #908H)	10358.5	12052.2	187.6	376235.86	578586.10
BHL (POTATO BABY STATE COM #908H)	10359.0	12163.8	187.1	376367.53	578585.55
Shape					
Circle (Radius: 50.0)					
Circle (Radius: 50.0)					
Rectangle (Sides: L12266.5 W100.0)					



PWP1									
MD	Inc	Azi	TVD	+N/-S	+E/-W	VSect	Departure	Annotation	
1250.0	0.00	0.00	1250.0	0.0	0.0	0.0	0.0	Start Build 2.00	
1500.0	5.00	114.00	1499.7	-4.4	10.0	-4.3	10.9	Start 2308.1 hold at 1500.0 MD	
3808.1	5.00	114.00	3799.0	-86.3	193.7	-83.3	212.1	Start Drop -1.00	
4308.1	0.00	0.00	4298.4	-95.1	213.6	-91.8	233.9	Start 5439.7 hold at 4308.1 MD	
9747.8	0.00	0.00	9738.0	-95.1	213.6	-91.8	233.9	Start DLS 10.00 TFO 359.88	
10645.4	89.77	359.88	10311.0	475.5	212.4	478.7	804.5	Start 11576.8 hold at 10645.4 MD	
22222.3	69.77	359.88	10358.5	12052.2	187.6	12053.6	12361.2	Start 131.7 hold at 22222.3 MD	
22353.9	69.77	359.88	10359.0	12163.8	187.3	12153.3	12512.9	TD at 22353.9	



Potato Baby State Com 908H

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#	9,647'	1,120	0'
Production	6-3/4"	5-1/2"	23#	22,353'	1,684	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 ~9,647' 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 ~22,353' 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
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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 181989

CONDITIONS

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 181989
	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