

Well Name: PICARD FEDERAL	Well Location: T17S / R31E / SEC 6 / SWSW / 32.8582029 / -103.9158216	County or Parish/State: EDDY / NM
Well Number: 1H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMLC0029435B, NMLC029435B	Unit or CA Name:	Unit or CA Number:
US Well Number: 3001546452	Well Status: Approved Application for Permit to Drill	Operator: MR NM OPERATING LLC

Notice of Intent

Sundry ID: 2657367

Type of Submission: Notice of Intent	Type of Action: Other
Date Sundry Submitted: 02/16/2022	Time Sundry Submitted: 10:26
Date proposed operation will begin: 02/25/2022	

Procedure Description: Request to move the Surface Hole Location from 711' FSL & 296' FWL, Section 6, T-17-S, R-31-E, Lot 7 to 906' FSL & 297' FWL, Section 6, T-17-S, R-31-E, Lot 7. Please see attached directional plan, anticollision report and plat for additional information

Surface Disturbance

Is any additional surface disturbance proposed?: No

NOI Attachments

Procedure Description

Picard_1H_SHL_Sundry_Attachment_20220216102338.pdf

Well Name: PICARD FEDERAL	Well Location: T17S / R31E / SEC 6 / SWSW / 32.8582029 / -103.9158216	County or Parish/State: EDDY / NM
Well Number: 1H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMLC0029435B, NMLC029435B	Unit or CA Name:	Unit or CA Number:
US Well Number: 3001546452	Well Status: Approved Application for Permit to Drill	Operator: MR NM OPERATING LLC

Operator Certification

I certify that the foregoing is true and correct. Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction. Electronic submission of Sundry Notices through this system satisfies regulations requiring a submission of Form 3160-5 or a Sundry Notice.

Operator Electronic Signature: BRIAN WOOD	Signed on: FEB 16, 2022 10:23 AM
Name: MR NM OPERATING LLC	
Title: President	
Street Address: 37 VERANO LOOP	
City: SANTA FE	State: NM
Phone: (505) 466-8120	
Email address: AFMSS@PERMITSWEST.COM	

Field Representative

Representative Name:		
Street Address:		
City:	State:	Zip:
Phone:		
Email address:		

BLM Point of Contact

BLM POC Name: Cody Layton	BLM POC Title: Assistant Field Manager Lands & Minerals
BLM POC Phone: 5752345959	BLM POC Email Address: clayton@blm.gov
Disposition: Approved	Disposition Date: 02/28/2022
Signature: BLM_NM_CFO_GIS	

CHANGE TO PLANS

Move Surface Hole Location

From: 711' FSL & 296' FWL, Section 6, T-17-S, R-31-E, Lot 7

To: 906' FSL & 297' FWL, Section 6, T-17-S, R-31-E, Lot 7

Please see attached directional plan, anticollision report and plats for additional information.

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 30-015-46452		² Pool Code 96831	³ Pool Name Cedar Lake; Glorieta-Yeso
⁴ Property Code 332307	⁵ Property Name PICARD FEDERAL		⁶ Well Number 1H
⁷ OGRID No. 7377	⁸ Operator Name MR NM OPERATING LLC.		⁹ Elevation 3724'

¹⁰Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
7	6	17-S	31-E	-	906'	SOUTH	297'	WEST	EDDY

¹¹Bottom 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
M	1	17-S	30-E	-	512'	SOUTH	100'	WEST	EDDY

¹² Dedicated Acres 320.00	¹³ Joint or Infill	¹⁴ Consolidation Code	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
	¹⁷ OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division. Signature: <u>Cory Walk</u> Date: <u>2-16-2022</u> Printed Name: <u>Cory Walk</u> E-mail Address: <u>cory@permitswest.com</u>
	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 to the best of my belief. Date of Survey: <u>08/24/2018</u> Signature and Seal of Professional Surveyor: <u>[Signature]</u> Certificate Number: <u>24508</u>



CYPRESS NATURAL RESOURCES

EDDY CO., NM (NAD-83 / EAST-ZONE)

PICARD PAD

PICARD #1H

Wellbore #1

Plan: PLAN #1

Standard Planning Report

04 February, 2022





Company: CYPRESS NATURAL RESOURCES
Project: EDDY CO., NM (NAD-83 / EAST-ZONE)
Site: PICARD PAD
Well: PICARD #1H
Wellbore: Wellbore #1
Rig: TBD
Design: PLAN #1 / 16:37, February 04 2022

WELL DETAILS: PICARD #1H

RKB = 16' @ 3740.00usft (TBD)

	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
	0.00	0.00	676401.00	669542.00	32.858753	-103.915818

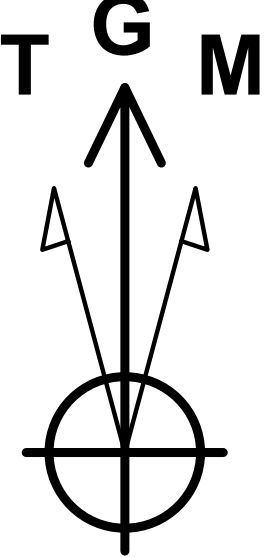
SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSect
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.00
2	600.00	0.00	0.00	600.00	0.00	0.00	0.00	0.000	0.00
3	910.54	6.21	180.00	909.94	-16.82	0.00	2.00	179.995	0.01
4	4103.95	6.21	180.00	4084.60	-362.31	0.03	0.00	0.000	0.29
5	4772.72	60.00	269.95	4635.87	-402.50	-319.49	9.00	93.529	319.84
6	4922.72	60.00	269.95	4710.87	-402.61	-449.39	0.00	0.000	449.74
7	5174.22	90.18	269.95	4774.83	-402.82	-689.63	12.00	0.000	689.98
8	9959.62	90.18	269.95	4759.80	-407.00	-5475.00	0.00	0.000	5475.35

PICARD 1H: LOWER PERF/ BHL

DESIGN TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
PICARD 1H: SHL	0.00	0.00	0.00	676401.00	669542.00	32.858753	-103.915818
PICARD 1H: LOWER PERF/ BHL	4759.80	-407.00	-5475.00	675994.00	664067.00	32.857692	-103.933653
PICARD 1H: LP (PLAN)	4774.83	-402.82	-689.63	675998.18	668852.37	32.857653	-103.918069
PICARD 1H: UPPER PERF (PLAT)	4775.76	-403.00	-396.00	675998.00	669146.00	32.857649	-103.917113



Azimuths to Grid North
True North: -0.23°
Magnetic North: 6.43°

Magnetic Field
Strength: 47795.6snT
Dip Angle: 60.52°
Date: 2/3/2022
Model: IGRF2015



Disclaimer:

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

CORRECTION REFERENCE DATA:

To convert a Magnetic Direction to a Grid Direction, Add 6.434°
To convert a True Direction to a Grid Direction, Subtract 0.227°
To convert a Magnetic Direction to a True Direction, Add 6.660° East
Magnetic Declination: 6.660°
Grid Convergence: 0.227° West
Magnetic Dip Angle: 60.524°
Magnetic Field Strength: 47795.59830123nT

PROJECT DETAILS: EDDY CO., NM (NAD-83 / EAST-ZONE)

Geodetic System: US State Plane 1983
Datum: North American Datum 1983
Ellipsoid: GRS 1980
Zone: New Mexico Eastern Zone
System Datum: Mean Sea Level

Start DLS 9.00 TFO 93.529

Start 150.00 hold at 4772.72 MD

Start Build 12.00

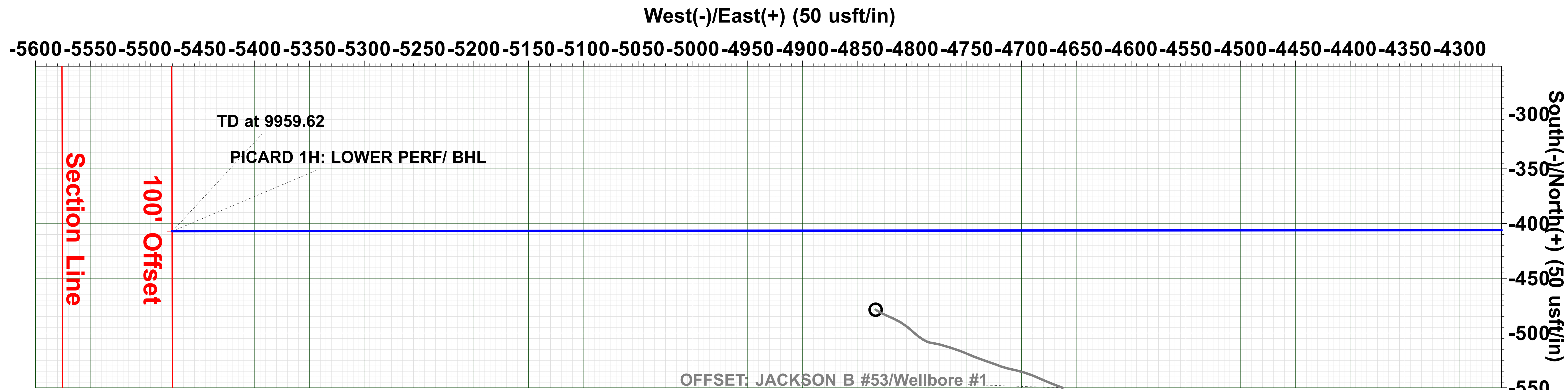
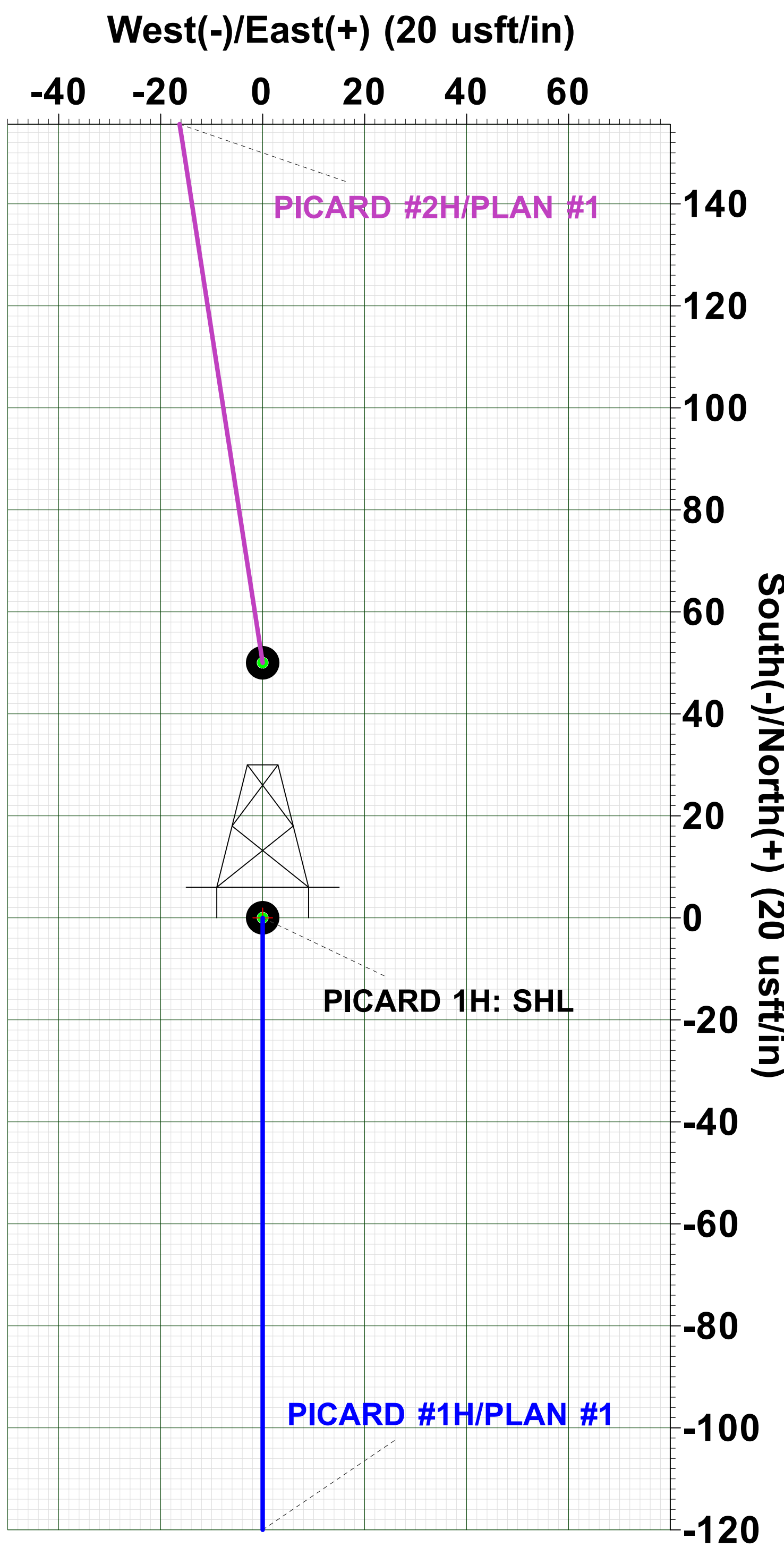
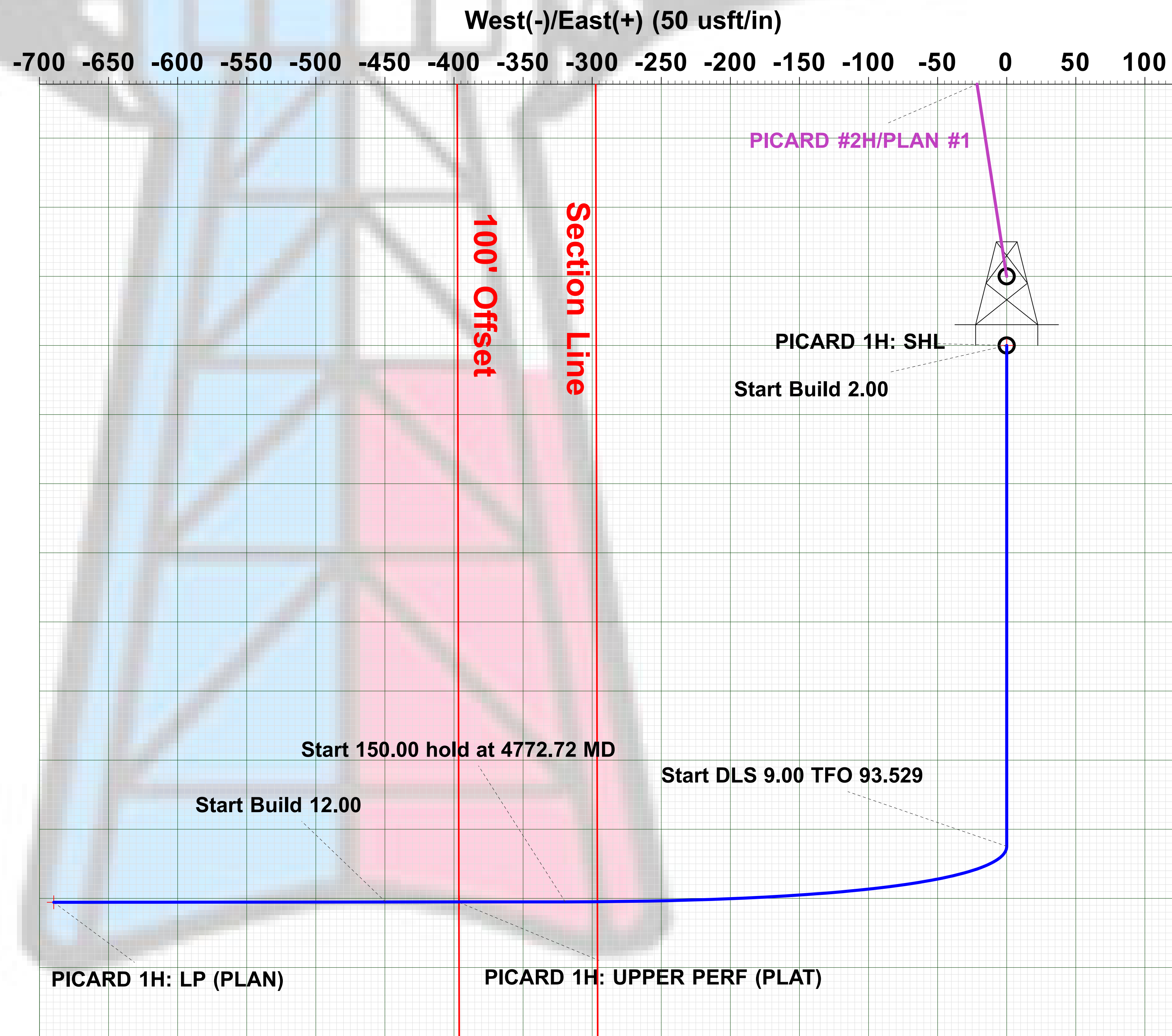
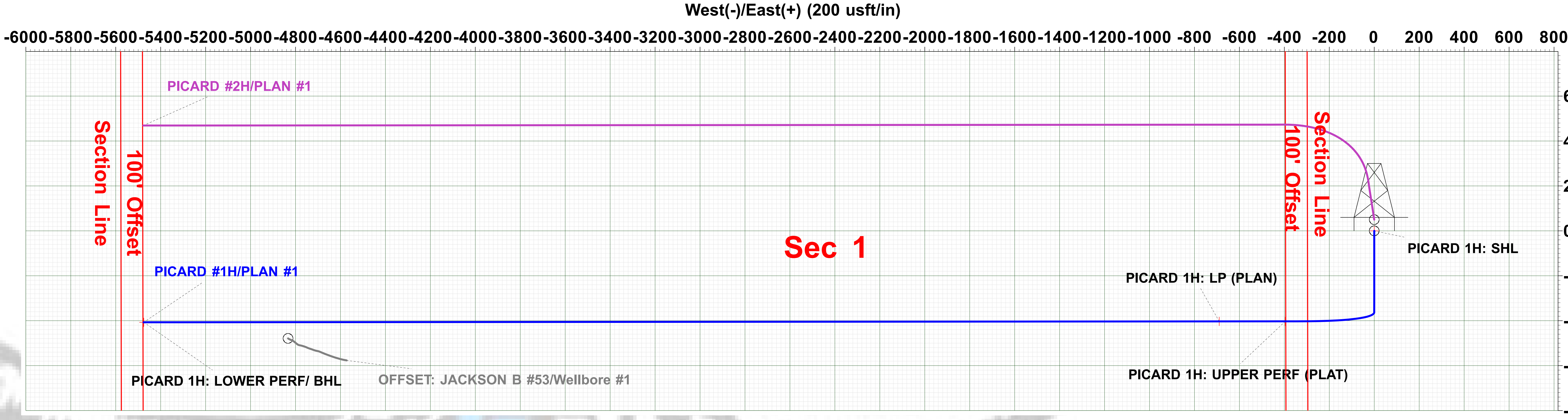
PICARD 1H: LOWER PERF/ BHL

TD at 9959.62

PICARD 1H: LP (PLAN)

PICARD 1H: UPPER PERF (PLAT)

Vertical Section at 269.95° (200 usft/in)



Plan: PLAN #1 (PICARD #1H/Wellbore #1) TBD

Created By: Matthew May Date: 16:37, February 04 2022



Planning Report



Database:	WBDS_SQL_2	Local Co-ordinate Reference:	Well PICARD #1H
Company:	CYPRESS NATURAL RESOURCES	TVD Reference:	RKB = 16' @ 3740.00usft (TBD)
Project:	EDDY CO., NM (NAD-83 / EAST-ZONE)	MD Reference:	RKB = 16' @ 3740.00usft (TBD)
Site:	PICARD PAD	North Reference:	Grid
Well:	PICARD #1H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	PLAN #1		

Project	EDDY CO., NM (NAD-83 / EAST-ZONE)		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	New Mexico Eastern Zone		

Site		PICARD PAD			
Site Position:		Northing:	676,401.00 usft	Latitude:	32.858753
From:	Map	Easting:	669,542.00 usft	Longitude:	-103.915818
Position Uncertainty:	0.00 usft	Slot Radius:	13.200 in	Grid Convergence:	0.227

Well	PICARD #1H					
Well Position	+N/-S	0.00 usft	Northing:	676,401.00 usft	Latitude:	32.858753
	+E/-W	0.00 usft	Easting:	669,542.00 usft	Longitude:	-103.915818
Position Uncertainty		0.00 usft	Wellhead Elevation:		Ground Level:	3,724.00 usft

Wellbore	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2015	2/3/2022	6.660	60.524	47,795.59830123

Design	PLAN #1				
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	269.95	

Plan Survey Tool Program	Date	2/4/2022			
Depth From (usft)	Depth To (usft)	Survey (Wellbore)	Tool Name	Remarks	
1	0.00	9,959.62	PLAN #1 (Wellbore #1)	MWD+IFR1+SAG+FDIR	
				OWSG MWD + IFR1 + Sag	

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	
600.00	0.00	0.00	600.00	0.00	0.00	0.00	0.00	0.00	0.000	
910.54	6.21	180.00	909.94	-16.82	0.00	2.00	2.00	0.00	179.995	
4,103.95	6.21	180.00	4,084.60	-362.31	0.03	0.00	0.00	0.00	0.000	
4,772.72	60.00	269.95	4,635.87	-402.50	-319.49	9.00	8.04	13.45	93.529	
4,922.72	60.00	269.95	4,710.87	-402.61	-449.39	0.00	0.00	0.00	0.000	
5,174.22	90.18	269.95	4,774.83	-402.82	-689.63	12.00	12.00	0.00	0.000	
9,959.62	90.18	269.95	4,759.80	-407.00	-5,475.00	0.00	0.00	0.00	0.000	PICARD 1H: LOWE



Planning Report



Database:	WBDS_SQL_2	Local Co-ordinate Reference:	Well PICARD #1H
Company:	CYPRESS NATURAL RESOURCES	TVD Reference:	RKB = 16' @ 3740.00usft (TBD)
Project:	EDDY CO., NM (NAD-83 / EAST-ZONE)	MD Reference:	RKB = 16' @ 3740.00usft (TBD)
Site:	PICARD PAD	North Reference:	Grid
Well:	PICARD #1H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	PLAN #1		

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
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	0.00	0.00	400.00	0.00	0.00	0.00	0.00	0.00	0.00
500.00	0.00	0.00	500.00	0.00	0.00	0.00	0.00	0.00	0.00
600.00	0.00	0.00	600.00	0.00	0.00	0.00	0.00	0.00	0.00
700.00	2.00	180.00	699.98	-1.75	0.00	0.00	2.00	2.00	0.00
800.00	4.00	180.00	799.84	-6.98	0.00	0.01	2.00	2.00	0.00
900.00	6.00	180.00	899.45	-15.69	0.00	0.01	2.00	2.00	0.00
910.54	6.21	180.00	909.94	-16.82	0.00	0.01	2.00	2.00	0.00
1,000.00	6.21	180.00	998.87	-26.49	0.00	0.02	0.00	0.00	0.00
1,100.00	6.21	180.00	1,098.28	-37.31	0.00	0.03	0.00	0.00	0.00
1,200.00	6.21	180.00	1,197.69	-48.13	0.00	0.04	0.00	0.00	0.00
1,300.00	6.21	180.00	1,297.11	-58.95	0.00	0.05	0.00	0.00	0.00
1,400.00	6.21	180.00	1,396.52	-69.77	0.01	0.06	0.00	0.00	0.00
1,500.00	6.21	180.00	1,495.93	-80.59	0.01	0.06	0.00	0.00	0.00
1,600.00	6.21	180.00	1,595.35	-91.41	0.01	0.07	0.00	0.00	0.00
1,700.00	6.21	180.00	1,694.76	-102.23	0.01	0.08	0.00	0.00	0.00
1,800.00	6.21	180.00	1,794.17	-113.04	0.01	0.09	0.00	0.00	0.00
1,900.00	6.21	180.00	1,893.58	-123.86	0.01	0.10	0.00	0.00	0.00
2,000.00	6.21	180.00	1,993.00	-134.68	0.01	0.11	0.00	0.00	0.00
2,100.00	6.21	180.00	2,092.41	-145.50	0.01	0.11	0.00	0.00	0.00
2,200.00	6.21	180.00	2,191.82	-156.32	0.01	0.12	0.00	0.00	0.00
2,300.00	6.21	180.00	2,291.24	-167.14	0.01	0.13	0.00	0.00	0.00
2,400.00	6.21	180.00	2,390.65	-177.96	0.01	0.14	0.00	0.00	0.00
2,500.00	6.21	180.00	2,490.06	-188.78	0.02	0.15	0.00	0.00	0.00
2,600.00	6.21	180.00	2,589.48	-199.59	0.02	0.16	0.00	0.00	0.00
2,700.00	6.21	180.00	2,688.89	-210.41	0.02	0.17	0.00	0.00	0.00
2,800.00	6.21	180.00	2,788.30	-221.23	0.02	0.17	0.00	0.00	0.00
2,900.00	6.21	180.00	2,887.71	-232.05	0.02	0.18	0.00	0.00	0.00
3,000.00	6.21	180.00	2,987.13	-242.87	0.02	0.19	0.00	0.00	0.00
3,100.00	6.21	180.00	3,086.54	-253.69	0.02	0.20	0.00	0.00	0.00
3,200.00	6.21	180.00	3,185.95	-264.51	0.02	0.21	0.00	0.00	0.00
3,300.00	6.21	180.00	3,285.37	-275.33	0.02	0.22	0.00	0.00	0.00
3,400.00	6.21	180.00	3,384.78	-286.15	0.02	0.23	0.00	0.00	0.00
3,500.00	6.21	180.00	3,484.19	-296.96	0.02	0.23	0.00	0.00	0.00
3,600.00	6.21	180.00	3,583.61	-307.78	0.03	0.24	0.00	0.00	0.00
3,700.00	6.21	180.00	3,683.02	-318.60	0.03	0.25	0.00	0.00	0.00
3,800.00	6.21	180.00	3,782.43	-329.42	0.03	0.26	0.00	0.00	0.00
3,900.00	6.21	180.00	3,881.85	-340.24	0.03	0.27	0.00	0.00	0.00
4,000.00	6.21	180.00	3,981.26	-351.06	0.03	0.28	0.00	0.00	0.00
4,103.95	6.21	180.00	4,084.60	-362.31	0.03	0.29	0.00	0.00	0.00
4,150.00	7.25	214.87	4,130.35	-367.18	-1.63	1.95	9.00	2.25	75.74
4,200.00	10.31	236.90	4,179.77	-372.22	-7.19	7.51	9.00	6.14	44.06
4,250.00	14.16	248.05	4,228.63	-376.95	-16.62	16.94	9.00	7.70	22.30
4,300.00	18.31	254.38	4,276.63	-381.35	-29.86	30.19	9.00	8.29	12.66
4,350.00	22.58	258.41	4,323.47	-385.40	-46.84	47.17	9.00	8.55	8.05
4,400.00	26.93	261.20	4,368.87	-389.06	-67.44	67.78	9.00	8.69	5.58
4,450.00	31.32	263.26	4,412.54	-392.32	-91.55	91.89	9.00	8.77	4.12
4,500.00	35.73	264.86	4,454.21	-395.15	-119.01	119.35	9.00	8.83	3.20
4,550.00	40.16	266.15	4,493.63	-397.54	-149.65	150.00	9.00	8.86	2.58
4,600.00	44.60	267.22	4,530.55	-399.48	-183.29	183.64	9.00	8.88	2.14
4,650.00	49.05	268.14	4,564.75	-400.94	-219.72	220.07	9.00	8.90	1.83



Planning Report



Database:	WBDS_SQL_2	Local Co-ordinate Reference:	Well PICARD #1H
Company:	CYPRESS NATURAL RESOURCES	TVD Reference:	RKB = 16' @ 3740.00usft (TBD)
Project:	EDDY CO., NM (NAD-83 / EAST-ZONE)	MD Reference:	RKB = 16' @ 3740.00usft (TBD)
Site:	PICARD PAD	North Reference:	Grid
Well:	PICARD #1H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	PLAN #1		

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)
4,700.00	53.51	268.94	4,596.02	-401.93	-258.71	259.06	9.00	8.91	1.60
4,750.00	57.97	269.65	4,624.16	-402.43	-300.02	300.37	9.00	8.92	1.42
4,772.72	60.00	269.95	4,635.87	-402.50	-319.49	319.84	9.00	8.93	1.32
4,800.00	60.00	269.95	4,649.51	-402.52	-343.11	343.47	0.00	0.00	0.00
4,900.00	60.00	269.95	4,699.51	-402.60	-429.72	430.07	0.00	0.00	0.00
4,922.72	60.00	269.95	4,710.87	-402.61	-449.39	449.74	0.00	0.00	0.00
4,925.00	60.27	269.95	4,712.00	-402.62	-451.37	451.72	12.00	12.00	0.00
4,950.00	63.27	269.95	4,723.83	-402.64	-473.39	473.75	12.00	12.00	0.00
4,975.00	66.27	269.95	4,734.48	-402.66	-496.01	496.36	12.00	12.00	0.00
5,000.00	69.27	269.95	4,743.93	-402.68	-519.15	519.50	12.00	12.00	0.00
5,025.00	72.27	269.95	4,752.17	-402.70	-542.75	543.10	12.00	12.00	0.00
5,050.00	75.27	269.95	4,759.15	-402.72	-566.75	567.10	12.00	12.00	0.00
5,075.00	78.27	269.95	4,764.87	-402.74	-591.09	591.44	12.00	12.00	0.00
5,100.00	81.27	269.95	4,769.31	-402.76	-615.69	616.04	12.00	12.00	0.00
5,125.00	84.27	269.95	4,772.45	-402.78	-640.48	640.84	12.00	12.00	0.00
5,150.00	87.27	269.95	4,774.30	-402.80	-665.41	665.76	12.00	12.00	0.00
5,173.07	90.04	269.95	4,774.84	-402.82	-688.48	688.83	12.00	12.00	0.00
TGT: 4777' KBTVD									
5,174.22	90.18	269.95	4,774.83	-402.82	-689.63	689.98	12.00	12.00	0.00
5,200.00	90.18	269.95	4,774.75	-402.85	-715.40	715.76	0.00	0.00	0.00
5,300.00	90.18	269.95	4,774.44	-402.93	-815.40	815.76	0.00	0.00	0.00
5,400.00	90.18	269.95	4,774.12	-403.02	-915.40	915.75	0.00	0.00	0.00
5,500.00	90.18	269.95	4,773.81	-403.11	-1,015.40	1,015.75	0.00	0.00	0.00
5,600.00	90.18	269.95	4,773.50	-403.20	-1,115.40	1,115.75	0.00	0.00	0.00
5,700.00	90.18	269.95	4,773.18	-403.28	-1,215.40	1,215.75	0.00	0.00	0.00
5,800.00	90.18	269.95	4,772.87	-403.37	-1,315.40	1,315.75	0.00	0.00	0.00
5,900.00	90.18	269.95	4,772.55	-403.46	-1,415.40	1,415.75	0.00	0.00	0.00
6,000.00	90.18	269.95	4,772.24	-403.54	-1,515.40	1,515.75	0.00	0.00	0.00
6,100.00	90.18	269.95	4,771.93	-403.63	-1,615.40	1,615.75	0.00	0.00	0.00
6,200.00	90.18	269.95	4,771.61	-403.72	-1,715.40	1,715.75	0.00	0.00	0.00
6,300.00	90.18	269.95	4,771.30	-403.81	-1,815.40	1,815.75	0.00	0.00	0.00
6,400.00	90.18	269.95	4,770.98	-403.89	-1,915.40	1,915.75	0.00	0.00	0.00
6,500.00	90.18	269.95	4,770.67	-403.98	-2,015.40	2,015.75	0.00	0.00	0.00
6,600.00	90.18	269.95	4,770.35	-404.07	-2,115.40	2,115.75	0.00	0.00	0.00
6,700.00	90.18	269.95	4,770.04	-404.16	-2,215.40	2,215.75	0.00	0.00	0.00
6,800.00	90.18	269.95	4,769.73	-404.24	-2,315.40	2,315.75	0.00	0.00	0.00
6,900.00	90.18	269.95	4,769.41	-404.33	-2,415.40	2,415.75	0.00	0.00	0.00
7,000.00	90.18	269.95	4,769.10	-404.42	-2,515.40	2,515.75	0.00	0.00	0.00
7,100.00	90.18	269.95	4,768.78	-404.50	-2,615.39	2,615.75	0.00	0.00	0.00
7,200.00	90.18	269.95	4,768.47	-404.59	-2,715.39	2,715.75	0.00	0.00	0.00
7,300.00	90.18	269.95	4,768.16	-404.68	-2,815.39	2,815.75	0.00	0.00	0.00
7,400.00	90.18	269.95	4,767.84	-404.77	-2,915.39	2,915.75	0.00	0.00	0.00
7,500.00	90.18	269.95	4,767.53	-404.85	-3,015.39	3,015.74	0.00	0.00	0.00
7,600.00	90.18	269.95	4,767.21	-404.94	-3,115.39	3,115.74	0.00	0.00	0.00
7,700.00	90.18	269.95	4,766.90	-405.03	-3,215.39	3,215.74	0.00	0.00	0.00
7,800.00	90.18	269.95	4,766.58	-405.12	-3,315.39	3,315.74	0.00	0.00	0.00
7,900.00	90.18	269.95	4,766.27	-405.20	-3,415.39	3,415.74	0.00	0.00	0.00
8,000.00	90.18	269.95	4,765.96	-405.29	-3,515.39	3,515.74	0.00	0.00	0.00
8,100.00	90.18	269.95	4,765.64	-405.38	-3,615.39	3,615.74	0.00	0.00	0.00
8,200.00	90.18	269.95	4,765.33	-405.46	-3,715.39	3,715.74	0.00	0.00	0.00
8,300.00	90.18	269.95	4,765.01	-405.55	-3,815.39	3,815.74	0.00	0.00	0.00
8,400.00	90.18	269.95	4,764.70	-405.64	-3,915.39	3,915.74	0.00	0.00	0.00
8,500.00	90.18	269.95	4,764.39	-405.73	-4,015.39	4,015.74	0.00	0.00	0.00



Planning Report



Database:	WBDS_SQL_2	Local Co-ordinate Reference:	Well PICARD #1H
Company:	CYPRESS NATURAL RESOURCES	TVD Reference:	RKB = 16' @ 3740.00usft (TBD)
Project:	EDDY CO., NM (NAD-83 / EAST-ZONE)	MD Reference:	RKB = 16' @ 3740.00usft (TBD)
Site:	PICARD PAD	North Reference:	Grid
Well:	PICARD #1H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	PLAN #1		

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)	
8,600.00	90.18	269.95	4,764.07	-405.81	-4,115.39	4,115.74	0.00	0.00	0.00	
8,700.00	90.18	269.95	4,763.76	-405.90	-4,215.39	4,215.74	0.00	0.00	0.00	
8,800.00	90.18	269.95	4,763.44	-405.99	-4,315.39	4,315.74	0.00	0.00	0.00	
8,900.00	90.18	269.95	4,763.13	-406.08	-4,415.39	4,415.74	0.00	0.00	0.00	
9,000.00	90.18	269.95	4,762.81	-406.16	-4,515.38	4,515.74	0.00	0.00	0.00	
9,100.00	90.18	269.95	4,762.50	-406.25	-4,615.38	4,615.74	0.00	0.00	0.00	
9,200.00	90.18	269.95	4,762.19	-406.34	-4,715.38	4,715.74	0.00	0.00	0.00	
9,300.00	90.18	269.95	4,761.87	-406.42	-4,815.38	4,815.74	0.00	0.00	0.00	
9,400.00	90.18	269.95	4,761.56	-406.51	-4,915.38	4,915.74	0.00	0.00	0.00	
9,500.00	90.18	269.95	4,761.24	-406.60	-5,015.38	5,015.73	0.00	0.00	0.00	
9,600.00	90.18	269.95	4,760.93	-406.69	-5,115.38	5,115.73	0.00	0.00	0.00	
9,700.00	90.18	269.95	4,760.62	-406.77	-5,215.38	5,215.73	0.00	0.00	0.00	
9,800.00	90.18	269.95	4,760.30	-406.86	-5,315.38	5,315.73	0.00	0.00	0.00	
9,900.00	90.18	269.95	4,759.99	-406.95	-5,415.38	5,415.73	0.00	0.00	0.00	
9,959.62	90.18	269.95	4,759.80	-407.00	-5,475.00	5,475.35	0.00	0.00	0.00	

Design Targets										
Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude	
PICARD 1H: SHL - hit/miss target - Shape - Point	0.00	0.00	0.00	0.00	0.00	676,401.00	669,542.00	32.858753	-103.915818	
PICARD 1H: LOWER - plan hits target center - Point	0.00	0.00	4,759.80	-407.00	-5,475.00	675,994.00	664,067.00	32.857692	-103.933653	
PICARD 1H: LP (PLA - plan hits target center - Point	0.00	0.00	4,774.83	-402.82	-689.63	675,998.17	668,852.38	32.857653	-103.918069	
PICARD 1H: UPPER - plan misses target center by 82.90usft at 4908.93usft MD (4703.97 TVD, -402.60 N, -437.45 E) - Point	0.00	0.00	4,775.76	-403.00	-396.00	675,998.00	669,146.00	32.857649	-103.917113	

Formations						
Measured Depth (usft)	Vertical Depth (usft)	Name	Lithology	Dip (°)	Dip Direction (°)	
5,173.07	4,774.84	TGT: 4777' KBTVD		-0.180	269.95	



CYPRESS NATURAL RESOURCES

EDDY CO., NM (NAD-83 / EAST-ZONE)

PICARD PAD

PICARD #1H

Wellbore #1

PLAN #1

Anticollision Report

04 February, 2022





Anticollision Report



Company:	CYPRESS NATURAL RESOURCES	Local Co-ordinate Reference:	Well PICARD #1H
Project:	EDDY CO., NM (NAD-83 / EAST-ZONE)	TVD Reference:	RKB = 16' @ 3740.00usft (TBD)
Reference Site:	PICARD PAD	MD Reference:	RKB = 16' @ 3740.00usft (TBD)
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	PICARD #1H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	WBDS_SQL_2
Reference Design:	PLAN #1	Offset TVD Reference:	Reference Datum

Reference	PLAN #1		
Filter type:	NO GLOBAL FILTER: Using user defined selection & filtering criteria		
Interpolation Method:	MD Interval 50.00usft	Error Model:	ISCWSA
Depth Range:	Unlimited	Scan Method:	Closest Approach 3D
Results Limited by:	Maximum separation factor of 20.00	Error Surface:	Pedal Curve
Warning Levels Evaluated at:	2.00 Sigma	Casing Method:	Not applied

Survey Tool Program	Date 2/4/2022			
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description
0.00	9,959.62	PLAN #1 (Wellbore #1)	MWD+IFR1+SAG+FDIR	OWSG MWD + IFR1 + Sag + FDIR Correction

Summary						
Site Name	Reference Measured Depth (usft)	Offset Measured Depth (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Separation Factor	Warning
Offset Well - Wellbore - Design						
PICARD OFFSETS						
OFFSET: JACKSON B #53 - Wellbore #1 - Wellbore #1	9,189.67	4,766.73	127.77	58.55	1.846	CC, ES, SF
PICARD PAD						
PICARD #2H - Wellbore #1 - PLAN #1	600.00	601.00	50.00	46.11	12.867	CC, ES
PICARD #2H - Wellbore #1 - PLAN #1	9,960.22	10,022.46	876.05	669.42	4.240	SF

Offset Design PICARD OFFSETS - OFFSET: JACKSON B #53 - Wellbore #1 - Wellbore #1													Offset Site Error:	0.00 usft
Survey Program: 894-MWD+IGRF													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
8,550.00	4,764.23	4,819.26	4,812.20	47.92	14.76	-111.204	-535.13	-4,700.84	650.25	616.79	33.46	19.433		
8,600.00	4,764.07	4,815.00	4,807.96	48.45	14.74	-109.559	-535.04	-4,701.17	601.48	567.68	33.80	17.796		
8,650.00	4,763.91	4,810.77	4,803.74	48.98	14.73	-107.888	-534.95	-4,701.51	552.88	518.65	34.23	16.152		
8,700.00	4,763.76	4,806.57	4,799.55	49.51	14.71	-106.193	-534.86	-4,701.84	504.53	469.74	34.79	14.502		
8,750.00	4,763.60	4,802.39	4,795.39	50.04	14.69	-104.476	-534.77	-4,702.17	456.50	420.96	35.53	12.847		
8,800.00	4,763.44	4,798.24	4,791.25	50.57	14.68	-102.741	-534.69	-4,702.50	408.89	372.36	36.53	11.194		
8,850.00	4,763.29	4,794.11	4,787.14	51.10	14.66	-100.990	-534.60	-4,702.82	361.89	324.00	37.89	9.551		
8,900.00	4,763.13	4,790.01	4,783.05	51.64	14.65	-99.226	-534.52	-4,703.14	315.75	275.97	39.78	7.937		
8,950.00	4,762.97	4,785.93	4,778.98	52.17	14.63	-97.453	-534.44	-4,703.46	270.93	228.47	42.46	6.381		
9,000.00	4,762.81	4,781.88	4,774.94	52.70	14.62	-95.673	-534.36	-4,703.77	228.19	181.91	46.29	4.930	1.846 CC, ES, SF	
9,050.00	4,762.66	4,777.85	4,770.93	53.24	14.60	-93.892	-534.28	-4,704.08	188.97	137.26	51.71	3.655		
9,100.00	4,762.50	4,773.84	4,766.93	53.77	14.59	-92.111	-534.21	-4,704.39	155.93	97.08	58.86	2.649		
9,150.00	4,762.34	4,769.88	4,762.98	54.31	14.57	-90.341	-534.13	-4,704.70	133.75	67.55	66.20	2.020		
9,189.67	4,762.22	4,766.73	4,759.84	54.74	14.56	-88.935	-534.07	-4,704.94	127.77	58.55	69.22			
9,200.00	4,762.19	4,765.91	4,759.03	54.85	14.56	-88.569	-534.06	-4,705.00	128.18	58.89	69.29	1.850		
9,250.00	4,762.03	4,761.97	4,755.10	55.38	14.54	-86.807	-533.98	-4,705.30	141.21	75.45	65.76	2.147		
9,300.00	4,761.87	4,758.04	4,751.18	55.92	14.53	-85.056	-533.91	-4,705.60	168.58	109.26	59.32	2.842		
9,350.00	4,761.72	4,754.13	4,747.28	56.46	14.51	-83.321	-533.84	-4,705.90	204.62	151.20	53.42	3.831		
9,400.00	4,761.56	4,750.24	4,743.40	57.00	14.50	-81.604	-533.77	-4,706.19	245.53	196.62	48.91	5.020		
9,450.00	4,761.40	4,746.37	4,739.54	57.54	14.48	-79.908	-533.70	-4,706.49	289.26	243.65	45.61	6.342		
9,500.00	4,761.24	4,742.51	4,735.70	58.08	14.47	-78.236	-533.64	-4,706.78	334.71	291.52	43.19	7.750		
9,550.00	4,761.09	4,738.68	4,731.88	58.62	14.45	-76.590	-533.57	-4,707.06	381.25	339.86	41.39	9.211		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



Anticollision Report



Company:	CYPRESS NATURAL RESOURCES	Local Co-ordinate Reference:	Well PICARD #1H
Project:	EDDY CO., NM (NAD-83 / EAST-ZONE)	TVD Reference:	RKB = 16' @ 3740.00usft (TBD)
Reference Site:	PICARD PAD	MD Reference:	RKB = 16' @ 3740.00usft (TBD)
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	PICARD #1H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	WBDS_SQL_2
Reference Design:	PLAN #1	Offset TVD Reference:	Reference Datum

Offset Design PICARD OFFSETS - OFFSET: JACKSON B #53 - Wellbore #1 - Wellbore #1												Offset Site Error:	0.00 usft
Survey Program: 894-MWD+IGRF												Offset Well Error:	0.00 usft
Reference	Offset	Semi Major Axis			Distance								Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
9,600.00	4,760.93	4,734.86	4,728.07	59.16	14.44	-74.972	-533.50	-4,707.35	428.55	388.52	40.02	10.707	
9,650.00	4,760.77	4,731.06	4,724.28	59.70	14.42	-73.384	-533.44	-4,707.64	476.36	437.39	38.97	12.225	
9,700.00	4,760.62	4,727.27	4,720.51	60.24	14.41	-71.827	-533.38	-4,707.92	524.55	486.42	38.14	13.755	
9,750.00	4,760.46	4,723.51	4,716.75	60.78	14.40	-70.303	-533.31	-4,708.20	573.03	535.56	37.47	15.293	
9,800.00	4,760.30	4,719.76	4,713.01	61.33	14.38	-68.813	-533.25	-4,708.48	621.72	584.79	36.93	16.835	
9,850.00	4,760.14	4,716.03	4,709.29	61.87	14.37	-67.357	-533.19	-4,708.75	670.59	634.10	36.49	18.378	
9,900.00	4,759.99	4,712.31	4,705.59	62.41	14.35	-65.937	-533.13	-4,709.03	719.59	683.47	36.12	19.922	

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



Anticollision Report



Company:	CYPRESS NATURAL RESOURCES	Local Co-ordinate Reference:	Well PICARD #1H
Project:	EDDY CO., NM (NAD-83 / EAST-ZONE)	TVD Reference:	RKB = 16' @ 3740.00usft (TBD)
Reference Site:	PICARD PAD	MD Reference:	RKB = 16' @ 3740.00usft (TBD)
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	PICARD #1H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	WBDS_SQL_2
Reference Design:	PLAN #1	Offset TVD Reference:	Reference Datum

Offset Design												Offset Site Error:	0.00 usft
Survey Program: 0-MWD+IGRF												Offset Well Error:	0.00 usft
Reference	Offset	Semi Major Axis		Distance		Warning							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
450.00	450.00	451.00	450.00	1.41	1.41	0.000	50.00	0.00	50.00	47.19	2.81	17.791	
500.00	500.00	501.00	500.00	1.58	1.58	0.000	50.00	0.00	50.00	46.83	3.17	15.778	
550.00	550.00	551.00	550.00	1.76	1.76	0.000	50.00	0.00	50.00	46.47	3.53	14.175	
600.00	600.00	601.00	600.00	1.94	1.94	0.000	50.00	0.00	50.00	46.11	3.89	12.867 CC, ES	
650.00	650.00	651.00	650.00	2.11	2.12	-179.995	50.00	0.00	50.44	46.20	4.24	11.907	
700.00	699.98	700.98	699.98	2.28	2.30	-179.995	50.00	0.00	51.75	47.16	4.59	11.283	
750.00	749.93	750.93	749.93	2.45	2.48	-179.996	50.00	0.00	53.93	48.99	4.93	10.934	
800.00	799.84	800.84	799.84	2.62	2.66	-179.996	50.00	0.00	56.98	51.70	5.28	10.796	
850.00	849.68	850.68	849.68	2.79	2.84	-179.996	50.00	0.00	60.90	55.27	5.63	10.824	
900.00	899.45	900.45	899.45	2.96	3.02	-179.996	50.00	0.00	65.69	59.72	5.97	10.995	
950.00	949.16	950.16	949.16	3.13	3.19	-179.997	50.00	0.00	71.08	64.76	6.33	11.237	
1,000.00	998.87	1,000.13	998.87	3.30	3.37	-179.997	50.00	0.00	76.49	69.82	6.67	11.461	
1,050.00	1,048.57	1,049.57	1,048.57	3.47	3.55	-179.997	50.00	0.00	81.90	74.88	7.02	11.663	
1,100.00	1,098.28	1,100.72	1,098.28	3.64	3.73	-179.997	50.00	0.00	87.31	79.94	7.38	11.836	
1,150.00	1,147.99	1,148.99	1,147.99	3.82	3.91	-179.997	50.00	0.00	92.72	85.00	7.72	12.008	
1,200.00	1,197.69	1,201.31	1,197.69	4.00	4.09	-179.998	50.00	0.00	98.13	90.05	8.08	12.142	
1,250.00	1,247.40	1,248.40	1,247.40	4.18	4.26	-179.998	50.00	0.00	103.54	95.12	8.42	12.291	
1,300.00	1,297.11	1,301.89	1,297.11	4.35	4.46	-179.998	50.00	0.00	108.95	100.16	8.79	12.396	
1,350.00	1,346.81	1,347.81	1,346.81	4.53	4.62	-179.998	50.00	0.00	114.36	105.23	9.13	12.528	
1,400.00	1,396.52	1,402.48	1,396.52	4.71	4.82	-179.998	50.00	0.00	119.77	110.27	9.50	12.610	
1,450.00	1,446.23	1,447.23	1,446.23	4.89	4.98	-179.998	50.00	0.00	125.18	115.34	9.83	12.730	
1,500.00	1,495.93	1,503.07	1,495.93	5.07	5.18	-179.998	50.00	0.00	130.59	120.38	10.21	12.792	
1,550.00	1,545.64	1,546.64	1,545.64	5.25	5.33	-179.998	50.00	0.00	136.00	125.46	10.54	12.902	
1,600.00	1,595.35	1,603.65	1,595.35	5.43	5.54	-179.998	50.00	0.00	141.41	130.49	10.92	12.949	
1,650.00	1,645.05	1,646.05	1,645.05	5.61	5.69	-179.998	50.00	0.00	146.82	135.57	11.25	13.052	
1,700.00	1,694.76	1,704.24	1,694.76	5.80	5.90	-179.998	50.00	0.00	152.23	140.59	11.63	13.086	
1,750.00	1,744.46	1,745.46	1,744.46	5.98	6.05	-179.998	50.00	0.00	157.63	145.68	11.96	13.184	
1,800.00	1,794.17	1,804.83	1,794.17	6.16	6.26	-179.999	50.00	0.00	163.04	150.70	12.35	13.206	
1,850.00	1,843.88	1,844.88	1,843.88	6.34	6.40	-179.999	50.00	0.00	168.45	155.79	12.67	13.300	
1,900.00	1,893.58	1,905.42	1,893.58	6.52	6.62	-179.999	50.00	0.00	173.86	160.80	13.06	13.313	
1,950.00	1,943.29	1,944.29	1,943.29	6.71	6.76	-179.999	50.00	0.00	179.27	165.90	13.38	13.403	
2,000.00	1,993.00	2,006.00	1,993.00	6.89	6.98	-179.999	50.00	0.00	184.68	170.91	13.77	13.408	
2,050.00	2,042.70	2,043.70	2,042.70	7.07	7.11	-179.999	50.00	0.00	190.09	176.00	14.09	13.495	
2,100.00	2,092.41	2,106.59	2,092.41	7.25	7.34	-179.999	50.00	0.00	195.50	181.01	14.49	13.493	
2,150.00	2,142.12	2,143.12	2,142.12	7.44	7.47	-179.999	50.00	0.00	200.91	186.11	14.80	13.578	
2,200.00	2,191.82	2,207.18	2,191.82	7.62	7.70	-179.999	50.00	0.00	206.32	191.12	15.20	13.570	
2,250.00	2,241.53	2,242.53	2,241.53	7.80	7.83	-179.999	50.00	0.00	211.73	196.22	15.51	13.653	
2,300.00	2,291.24	2,307.76	2,291.24	7.98	8.06	-179.999	50.00	0.00	217.14	201.22	15.92	13.640	
2,350.00	2,340.94	2,341.94	2,340.94	8.17	8.18	-179.999	50.00	0.00	222.55	206.33	16.22	13.721	
2,400.00	2,390.65	2,408.35	2,390.65	8.35	8.42	-179.999	50.00	0.00	227.96	211.32	16.64	13.703	
2,450.00	2,440.36	2,441.36	2,440.36	8.53	8.54	-179.999	50.00	0.00	233.37	216.44	16.93	13.783	
2,500.00	2,490.06	2,508.94	2,490.06	8.72	8.78	-179.999	50.00	0.00	238.78	221.42	17.35	13.761	
2,550.00	2,539.77	2,540.77	2,539.77	8.90	8.90	-179.999	50.00	0.00	244.19	226.54	17.64	13.840	
2,600.00	2,589.48	2,609.52	2,589.48	9.09	9.14	-179.999	50.00	0.00	249.59	231.53	18.07	13.815	
2,650.00	2,639.18	2,640.18	2,639.18	9.27	9.25	-179.999	50.00	0.00	255.00	236.65	18.36	13.893	
2,700.00	2,688.89	2,689.89	2,688.89	9.45	9.43	-179.999	50.00	0.00	260.41	241.70	18.71	13.917	
2,750.00	2,738.60	2,739.60	2,738.60	9.64	9.61	-179.999	50.00	0.00	265.82	246.76	19.07	13.941	
2,800.00	2,788.30	2,789.30	2,788.30	9.82	9.79	-179.999	50.00	0.00	271.23	251.81	19.42	13.964	
2,850.00	2,838.01	2,839.01	2,838.01	10.00	9.97	-179.999	50.00	0.00	276.64	256.86	19.78	13.986	
2,900.00	2,887.71	2,888.71	2,887.71	10.19	10.14	-179.999	50.00	0.00	282.05	261.92	20.14	14.007	
2,950.00	2,937.42	2,938.42	2,937.42	10.37	10.32	-179.999	50.00	0.00	287.46	266.97	20.49	14.028	
3,000.00	2,987.13	2,988.13	2,987.13	10.56	10.50	-179.999	50.00	0.00	292.87	272.02	20.85	14.047	

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



Anticollision Report



Company:	CYPRESS NATURAL RESOURCES	Local Co-ordinate Reference:	Well PICARD #1H
Project:	EDDY CO., NM (NAD-83 / EAST-ZONE)	TVD Reference:	RKB = 16' @ 3740.00usft (TBD)
Reference Site:	PICARD PAD	MD Reference:	RKB = 16' @ 3740.00usft (TBD)
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	PICARD #1H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	WBDS_SQL_2
Reference Design:	PLAN #1	Offset TVD Reference:	Reference Datum

Offset Design PICARD PAD - PICARD #2H - Wellbore #1 - PLAN #1													Offset Site Error:	0.00 usft
Survey Program: 0-MWD+IGRF													Offset Well Error:	0.00 usft
Reference	Offset	Semi Major Axis		Distance		Warning								
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
3,050.00	3,036.83	3,037.83	3,036.83	10.74	10.68	-179.999	50.00	0.00	298.28	277.07	21.21	14.066		
3,100.00	3,086.54	3,087.54	3,086.54	10.92	10.86	-179.999	50.00	0.00	303.69	282.13	21.56	14.085		
3,150.00	3,136.25	3,137.25	3,136.25	11.11	11.03	-179.999	50.00	0.00	309.10	287.18	21.92	14.102		
3,200.00	3,185.95	3,186.95	3,185.95	11.29	11.21	-179.999	50.00	0.00	314.51	292.23	22.27	14.119		
3,250.00	3,235.66	3,236.66	3,235.66	11.48	11.39	-179.999	50.00	0.00	319.92	297.29	22.63	14.136		
3,300.00	3,285.37	3,286.37	3,285.37	11.66	11.57	-179.999	50.00	0.00	325.33	302.34	22.99	14.152		
3,350.00	3,335.07	3,336.07	3,335.07	11.84	11.75	-179.999	50.00	0.00	330.74	307.39	23.34	14.168		
3,400.00	3,384.78	3,385.78	3,384.78	12.03	11.93	-179.999	50.00	0.00	336.15	312.44	23.70	14.183		
3,450.00	3,434.49	3,435.49	3,434.49	12.21	12.10	-179.999	50.00	0.00	341.56	317.50	24.06	14.197		
3,500.00	3,484.19	3,485.19	3,484.19	12.40	12.28	-179.999	50.00	0.00	346.96	322.55	24.41	14.212		
3,550.00	3,533.90	3,534.90	3,533.90	12.58	12.46	-179.999	50.00	0.00	352.37	327.60	24.77	14.225		
3,600.00	3,583.61	3,584.61	3,583.61	12.77	12.64	-179.999	50.00	0.00	357.78	332.66	25.13	14.239		
3,650.00	3,633.31	3,634.31	3,633.31	12.95	12.82	-179.999	50.00	0.00	363.19	337.71	25.48	14.252		
3,700.00	3,683.02	3,684.02	3,683.02	13.13	12.99	-179.999	50.00	0.00	368.60	342.76	25.84	14.264		
3,750.00	3,732.73	3,732.63	3,721.63	13.32	13.13	179.993	50.34	-0.05	374.51	348.39	26.12	14.338		
3,800.00	3,782.43	3,755.64	3,754.58	13.50	13.25	179.953	52.03	-0.31	382.46	356.14	26.32	14.529		
3,850.00	3,832.14	3,788.12	3,786.92	13.69	13.37	179.883	55.08	-0.78	392.52	366.04	26.48	14.821		
3,900.00	3,881.85	3,819.98	3,818.48	13.87	13.48	179.788	59.41	-1.45	404.64	378.04	26.60	15.211		
3,950.00	3,931.55	3,850.00	3,848.01	14.06	13.59	179.676	64.69	-2.26	418.76	392.10	26.66	15.708		
4,000.00	3,981.26	3,881.48	3,878.73	14.24	13.70	179.537	71.46	-3.31	434.80	408.08	26.72	16.274		
4,050.00	4,030.96	3,910.97	3,907.23	14.43	13.80	179.391	78.95	-4.46	452.69	425.97	26.72	16.942		
4,100.00	4,080.67	3,939.55	3,934.54	14.61	13.91	179.237	87.26	-5.74	472.35	445.66	26.69	17.697		
4,150.00	4,130.35	3,967.24	3,960.69	14.79	14.01	142.615	96.28	-7.13	493.57	466.94	26.63	18.532		
4,200.00	4,179.77	4,000.00	3,991.16	14.98	14.13	118.916	108.16	-8.97	516.08	489.39	26.69	19.339		
5,300.00	4,774.44	5,362.25	4,773.88	18.74	26.90	89.963	472.66	-816.09	875.59	831.11	44.48	19.686		
5,350.00	4,774.28	5,412.25	4,773.83	19.00	27.84	89.970	472.62	-866.09	875.60	829.87	45.73	19.148		
5,400.00	4,774.12	5,462.25	4,773.78	19.26	28.83	89.977	472.58	-916.09	875.60	828.58	47.02	18.622		
5,450.00	4,773.97	5,512.25	4,773.72	19.55	29.83	89.984	472.54	-966.09	875.60	827.25	48.35	18.110		
5,500.00	4,773.81	5,562.25	4,773.67	19.83	30.87	89.991	472.50	-1,016.09	875.61	825.90	49.71	17.613		
5,550.00	4,773.65	5,612.25	4,773.62	20.14	31.92	89.998	472.46	-1,066.09	875.61	824.51	51.11	17.133		
5,600.00	4,773.50	5,662.25	4,773.57	20.45	33.00	90.005	472.42	-1,116.09	875.62	823.09	52.53	16.669		
5,650.00	4,773.34	5,712.25	4,773.51	20.78	34.09	90.011	472.38	-1,166.09	875.62	821.64	53.98	16.221		
5,700.00	4,773.18	5,762.25	4,773.46	21.10	35.20	90.018	472.34	-1,216.09	875.63	820.17	55.45	15.791		
5,750.00	4,773.02	5,812.25	4,773.41	21.45	36.32	90.025	472.30	-1,266.09	875.63	818.68	56.95	15.376		
5,800.00	4,772.87	5,862.25	4,773.36	21.80	37.46	90.032	472.26	-1,316.09	875.63	817.17	58.47	14.977		
5,850.00	4,772.71	5,912.25	4,773.30	22.17	38.61	90.039	472.23	-1,366.09	875.64	815.64	60.00	14.593		
5,900.00	4,772.55	5,962.25	4,773.25	22.53	39.77	90.046	472.19	-1,416.09	875.64	814.09	61.56	14.225		
5,950.00	4,772.40	6,012.25	4,773.20	22.92	40.94	90.053	472.15	-1,466.09	875.65	812.52	63.13	13.871		
6,000.00	4,772.24	6,062.25	4,773.15	23.30	42.12	90.059	472.11	-1,516.09	875.65	810.94	64.71	13.531		
6,050.00	4,772.08	6,112.25	4,773.10	23.69	43.30	90.066	472.07	-1,566.09	875.66	809.34	66.32	13.204		
6,100.00	4,771.93	6,162.25	4,773.04	24.09	44.50	90.073	472.03	-1,616.09	875.66	807.73	67.93	12.891		
6,150.00	4,771.77	6,212.25	4,772.99	24.50	45.70	90.080	471.99	-1,666.09	875.67	806.11	69.56	12.589		
6,200.00	4,771.61	6,262.25	4,772.94	24.91	46.91	90.087	471.95	-1,716.09	875.67	804.48	71.19	12.300		
6,250.00	4,771.45	6,312.25	4,772.89	25.33	48.13	90.094	471.91	-1,766.09	875.68	802.83	72.85	12.021		
6,300.00	4,771.30	6,362.25	4,772.83	25.75	49.35	90.101	471.87	-1,816.09	875.68	801.17	74.51	11.753		
6,350.00	4,771.14	6,412.25	4,772.78	26.18	50.58	90.107	471.83	-1,866.09	875.68	799.51	76.18	11.495		
6,400.00	4,770.98	6,462.25	4,772.73	26.61	51.81	90.114	471.79	-1,916.09	875.69	797.83	77.86	11.248		
6,450.00	4,770.83	6,512.25	4,772.68	27.05	53.04	90.121	471.75	-1,966.09	875.69	796.15	79.55	11.009		
6,500.00	4,770.67	6,562.25	4,772.62	27.50	54.28	90.128	471.72	-2,016.09	875.70	794.46	81.24	10.779		
6,550.00	4,770.51	6,612.25	4,772.57	27.95	55.53	90.135	471.68	-2,066.09	875.70	792.76	82.95	10.558		
6,600.00	4,770.35	6,662.25	4,772.52	28.40	56.77	90.142	471.64	-2,116.09	875.71	791.05	84.66	10.344		
6,650.00	4,770.20	6,712.25	4,772.47	28.85	58.02	90.148	471.60	-2,166.09	875.71	789.34	86.38	10.138		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

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COMPASS 5000.14 Build 85



Anticollision Report



Company:	CYPRESS NATURAL RESOURCES	Local Co-ordinate Reference:	Well PICARD #1H
Project:	EDDY CO., NM (NAD-83 / EAST-ZONE)	TVD Reference:	RKB = 16' @ 3740.00usft (TBD)
Reference Site:	PICARD PAD	MD Reference:	RKB = 16' @ 3740.00usft (TBD)
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	PICARD #1H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	WBDS_SQL_2
Reference Design:	PLAN #1	Offset TVD Reference:	Reference Datum

Offset Design												Offset Site Error:	0.00 usft
Survey Program: 0-MWD+IGRF												Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
6,700.00	4,770.04	6,762.25	4,772.41	29.31	59.28	90.155	471.56	-2,216.09	875.72	787.62	88.10	9.940	
6,750.00	4,769.88	6,812.25	4,772.36	29.78	60.53	90.162	471.52	-2,266.09	875.72	785.89	89.83	9.749	
6,800.00	4,769.73	6,862.25	4,772.31	30.24	61.80	90.169	471.48	-2,316.09	875.73	784.16	91.57	9.564	
6,850.00	4,769.57	6,912.25	4,772.26	30.71	63.06	90.176	471.44	-2,366.09	875.73	782.42	93.31	9.385	
6,900.00	4,769.41	6,962.25	4,772.21	31.19	64.32	90.183	471.40	-2,416.09	875.74	780.68	95.06	9.213	
6,950.00	4,769.26	7,012.25	4,772.15	31.66	65.59	90.190	471.36	-2,466.09	875.74	778.93	96.81	9.046	
7,000.00	4,769.10	7,062.25	4,772.10	32.14	66.86	90.196	471.32	-2,516.09	875.75	777.18	98.57	8.885	
7,050.00	4,768.94	7,112.25	4,772.05	32.62	68.13	90.203	471.28	-2,566.09	875.75	775.42	100.33	8.729	
7,100.00	4,768.78	7,162.25	4,772.00	33.11	69.40	90.210	471.24	-2,616.09	875.76	773.66	102.09	8.578	
7,150.00	4,768.63	7,212.25	4,771.94	33.59	70.68	90.217	471.21	-2,666.08	875.76	771.90	103.86	8.432	
7,200.00	4,768.47	7,262.25	4,771.89	34.08	71.96	90.224	471.17	-2,716.08	875.76	770.13	105.64	8.290	
7,250.00	4,768.31	7,312.25	4,771.84	34.58	73.24	90.231	471.13	-2,766.08	875.77	768.35	107.41	8.153	
7,300.00	4,768.16	7,362.25	4,771.79	35.07	74.52	90.238	471.09	-2,816.08	875.77	766.58	109.20	8.020	
7,350.00	4,768.00	7,412.25	4,771.73	35.56	75.80	90.244	471.05	-2,866.08	875.78	764.80	110.98	7.891	
7,400.00	4,767.84	7,462.25	4,771.68	36.06	77.08	90.251	471.01	-2,916.08	875.78	763.02	112.77	7.766	
7,450.00	4,767.68	7,512.25	4,771.63	36.56	78.37	90.258	470.97	-2,966.08	875.79	761.23	114.56	7.645	
7,500.00	4,767.53	7,562.25	4,771.58	37.06	79.65	90.265	470.93	-3,016.08	875.79	759.44	116.35	7.527	
7,550.00	4,767.37	7,612.25	4,771.52	37.57	80.94	90.272	470.89	-3,066.08	875.80	757.65	118.15	7.413	
7,600.00	4,767.21	7,662.25	4,771.47	38.07	82.23	90.279	470.85	-3,116.08	875.80	755.86	119.95	7.302	
7,650.00	4,767.06	7,712.25	4,771.42	38.58	83.52	90.285	470.81	-3,166.08	875.81	754.06	121.75	7.194	
7,700.00	4,766.90	7,762.25	4,771.37	39.09	84.81	90.292	470.77	-3,216.08	875.81	752.26	123.55	7.089	
7,750.00	4,766.74	7,812.24	4,771.32	39.60	86.10	90.299	470.73	-3,266.08	875.82	750.46	125.36	6.986	
7,800.00	4,766.58	7,862.24	4,771.26	40.11	87.39	90.306	470.70	-3,316.08	875.82	748.66	127.17	6.887	
7,850.00	4,766.43	7,912.24	4,771.21	40.62	88.69	90.313	470.66	-3,366.08	875.83	746.85	128.98	6.790	
7,900.00	4,766.27	7,962.24	4,771.16	41.13	89.98	90.320	470.62	-3,416.08	875.83	745.04	130.79	6.696	
7,950.00	4,766.11	8,012.24	4,771.11	41.65	91.28	90.327	470.58	-3,466.08	875.84	743.23	132.61	6.605	
8,000.00	4,765.96	8,062.24	4,771.05	42.17	92.57	90.333	470.54	-3,516.08	875.84	741.42	134.42	6.516	
8,050.00	4,765.80	8,112.24	4,771.00	42.68	93.87	90.340	470.50	-3,566.08	875.85	739.61	136.24	6.429	
8,100.00	4,765.64	8,162.24	4,770.95	43.20	95.17	90.347	470.46	-3,616.08	875.85	737.79	138.06	6.344	
8,150.00	4,765.49	8,212.24	4,770.90	43.72	96.46	90.354	470.42	-3,666.08	875.86	735.97	139.89	6.261	
8,200.00	4,765.33	8,262.24	4,770.84	44.24	97.76	90.361	470.38	-3,716.08	875.86	734.15	141.71	6.181	
8,250.00	4,765.17	8,312.24	4,770.79	44.77	99.06	90.368	470.34	-3,766.08	875.87	732.33	143.54	6.102	
8,300.00	4,765.01	8,362.24	4,770.74	45.29	100.36	90.375	470.30	-3,816.08	875.87	730.51	145.36	6.025	
8,350.00	4,764.86	8,412.24	4,770.69	45.81	101.66	90.381	470.26	-3,866.08	875.88	728.69	147.19	5.951	
8,400.00	4,764.70	8,462.24	4,770.63	46.34	102.97	90.388	470.22	-3,916.08	875.88	726.86	149.02	5.878	
8,450.00	4,764.54	8,512.24	4,770.58	46.87	104.27	90.395	470.19	-3,966.08	875.89	725.04	150.85	5.806	
8,500.00	4,764.39	8,562.24	4,770.53	47.39	105.57	90.402	470.15	-4,016.08	875.89	723.21	152.68	5.737	
8,550.00	4,764.23	8,612.24	4,770.48	47.92	106.87	90.409	470.11	-4,066.08	875.90	721.38	154.52	5.669	
8,600.00	4,764.07	8,662.24	4,770.43	48.45	108.18	90.416	470.07	-4,116.08	875.90	719.55	156.35	5.602	
8,650.00	4,763.91	8,712.24	4,770.37	48.98	109.48	90.422	470.03	-4,166.08	875.91	717.72	158.19	5.537	
8,700.00	4,763.76	8,762.24	4,770.32	49.51	110.79	90.429	469.99	-4,216.08	875.91	715.89	160.03	5.474	
8,750.00	4,763.60	8,812.24	4,770.27	50.04	112.09	90.436	469.95	-4,266.08	875.92	714.05	161.87	5.411	
8,800.00	4,763.44	8,862.24	4,770.22	50.57	113.40	90.443	469.91	-4,316.08	875.93	712.22	163.71	5.351	
8,850.00	4,763.29	8,912.24	4,770.16	51.10	114.70	90.450	469.87	-4,366.08	875.93	710.38	165.55	5.291	
8,900.00	4,763.13	8,962.24	4,770.11	51.64	116.01	90.457	469.83	-4,416.08	875.94	708.55	167.39	5.233	
8,950.00	4,762.97	9,012.24	4,770.06	52.17	117.31	90.464	469.79	-4,466.08	875.94	706.71	169.23	5.176	
9,000.00	4,762.81	9,062.24	4,770.01	52.70	118.62	90.470	469.75	-4,516.08	875.95	704.87	171.08	5.120	
9,050.00	4,762.66	9,112.24	4,769.95	53.24	119.93	90.477	469.71	-4,566.08	875.95	703.03	172.92	5.066	
9,100.00	4,762.50	9,162.24	4,769.90	53.77	121.24	90.484	469.68	-4,616.08	875.96	701.19	174.77	5.012	
9,150.00	4,762.34	9,212.24	4,769.85	54.31	122.54	90.491	469.64	-4,666.08	875.96	699.35	176.61	4.960	
9,200.00	4,762.19	9,262.24	4,769.80	54.85	123.85	90.498	469.60	-4,716.08	875.97	697.51	178.46	4.908	
9,250.00	4,762.03	9,312.24	4,769.74	55.38	125.16	90.505	469.56	-4,766.08	875.97	695.66	180.31	4.858	

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

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COMPASS 5000.14 Build 85



Anticollision Report



Company:	CYPRESS NATURAL RESOURCES	Local Co-ordinate Reference:	Well PICARD #1H
Project:	EDDY CO., NM (NAD-83 / EAST-ZONE)	TVD Reference:	RKB = 16' @ 3740.00usft (TBD)
Reference Site:	PICARD PAD	MD Reference:	RKB = 16' @ 3740.00usft (TBD)
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	PICARD #1H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	WBDS_SQL_2
Reference Design:	PLAN #1	Offset TVD Reference:	Reference Datum

Offset Design PICARD PAD - PICARD #2H - Wellbore #1 - PLAN #1												Offset Site Error:	0.00 usft
Survey Program: 0-MWD+IGRF												Offset Well Error:	0.00 usft
Reference	Offset	Semi Major Axis		Distance									
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
9,300.00	4,761.87	9,362.24	4,769.69	55.92	126.47	90.511	469.52	-4,816.08	875.98	693.82	182.16	4.809	
9,350.00	4,761.72	9,412.24	4,769.64	56.46	127.78	90.518	469.48	-4,866.08	875.98	691.98	184.01	4.761	
9,400.00	4,761.56	9,462.24	4,769.59	57.00	129.09	90.525	469.44	-4,916.08	875.99	690.13	185.86	4.713	
9,450.00	4,761.40	9,512.24	4,769.54	57.54	130.40	90.532	469.40	-4,966.08	875.99	688.29	187.71	4.667	
9,500.00	4,761.24	9,562.24	4,769.48	58.08	131.71	90.539	469.36	-5,016.08	876.00	686.44	189.56	4.621	
9,550.00	4,761.09	9,612.24	4,769.43	58.62	133.02	90.546	469.32	-5,066.08	876.00	684.59	191.41	4.577	
9,600.00	4,760.93	9,662.24	4,769.38	59.16	134.33	90.553	469.28	-5,116.08	876.01	682.74	193.27	4.533	
9,650.00	4,760.77	9,712.24	4,769.33	59.70	135.64	90.559	469.24	-5,166.08	876.02	680.90	195.12	4.490	
9,700.00	4,760.62	9,762.24	4,769.27	60.24	136.95	90.566	469.20	-5,216.08	876.02	679.05	196.97	4.447	
9,750.00	4,760.46	9,812.24	4,769.22	60.78	138.27	90.573	469.17	-5,266.08	876.03	677.20	198.83	4.406	
9,800.00	4,760.30	9,862.24	4,769.17	61.33	139.58	90.580	469.13	-5,316.08	876.03	675.35	200.68	4.365	
9,850.00	4,760.14	9,912.24	4,769.12	61.87	140.89	90.587	469.09	-5,366.08	876.04	673.50	202.54	4.325	
9,900.00	4,759.99	9,962.24	4,769.06	62.41	142.20	90.594	469.05	-5,416.08	876.04	671.65	204.40	4.286	
9,950.00	4,759.83	10,012.24	4,769.01	62.95	143.51	90.600	469.01	-5,466.08	876.05	669.79	206.25	4.247	
9,960.22	4,759.80	10,022.46	4,769.00	63.07	143.78	90.602	469.00	-5,476.30	876.05	669.42	206.63	4.240 SF	

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



Anticollision Report



Company:	CYPRESS NATURAL RESOURCES	Local Co-ordinate Reference:	Well PICARD #1H
Project:	EDDY CO., NM (NAD-83 / EAST-ZONE)	TVD Reference:	RKB = 16' @ 3740.00usft (TBD)
Reference Site:	PICARD PAD	MD Reference:	RKB = 16' @ 3740.00usft (TBD)
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	PICARD #1H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	WBDS_SQL_2
Reference Design:	PLAN #1	Offset TVD Reference:	Reference Datum

Reference Depths are relative to RKB = 16' @ 3740.00usft (TBD)

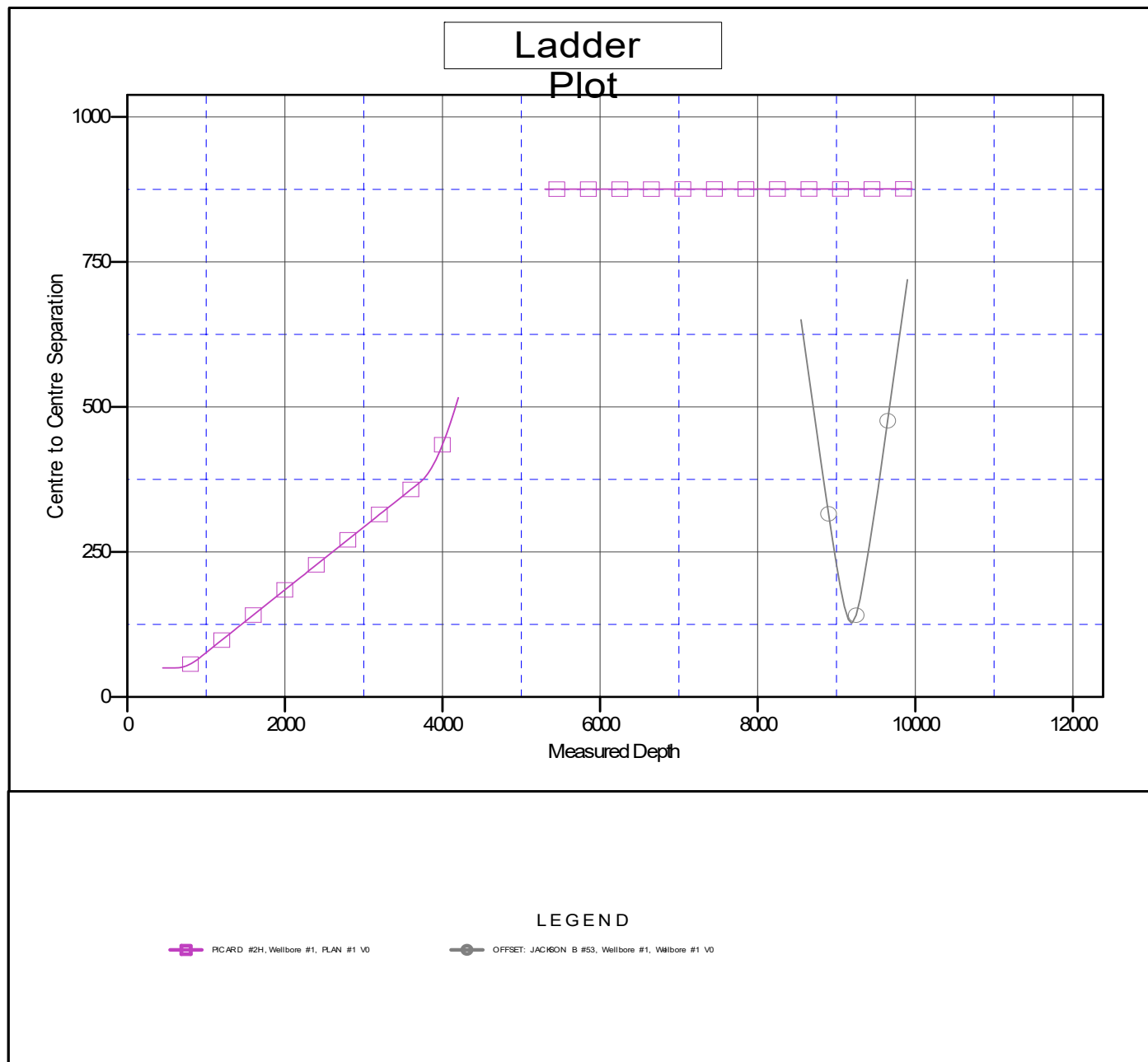
Offset Depths are relative to Offset Datum

Central Meridian is -104.333334

Coordinates are relative to: PICARD #1H

Coordinate System is US State Plane 1983, New Mexico Eastern Zone

Grid Convergence at Surface is: 0.227°



CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



Anticollision Report



Company:	CYPRESS NATURAL RESOURCES	Local Co-ordinate Reference:	Well PICARD #1H
Project:	EDDY CO., NM (NAD-83 / EAST-ZONE)	TVD Reference:	RKB = 16' @ 3740.00usft (TBD)
Reference Site:	PICARD PAD	MD Reference:	RKB = 16' @ 3740.00usft (TBD)
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	PICARD #1H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	WBDS_SQL_2
Reference Design:	PLAN #1	Offset TVD Reference:	Reference Datum

Reference Depths are relative to RKB = 16' @ 3740.00usft (TBD)

Offset Depths are relative to Offset Datum

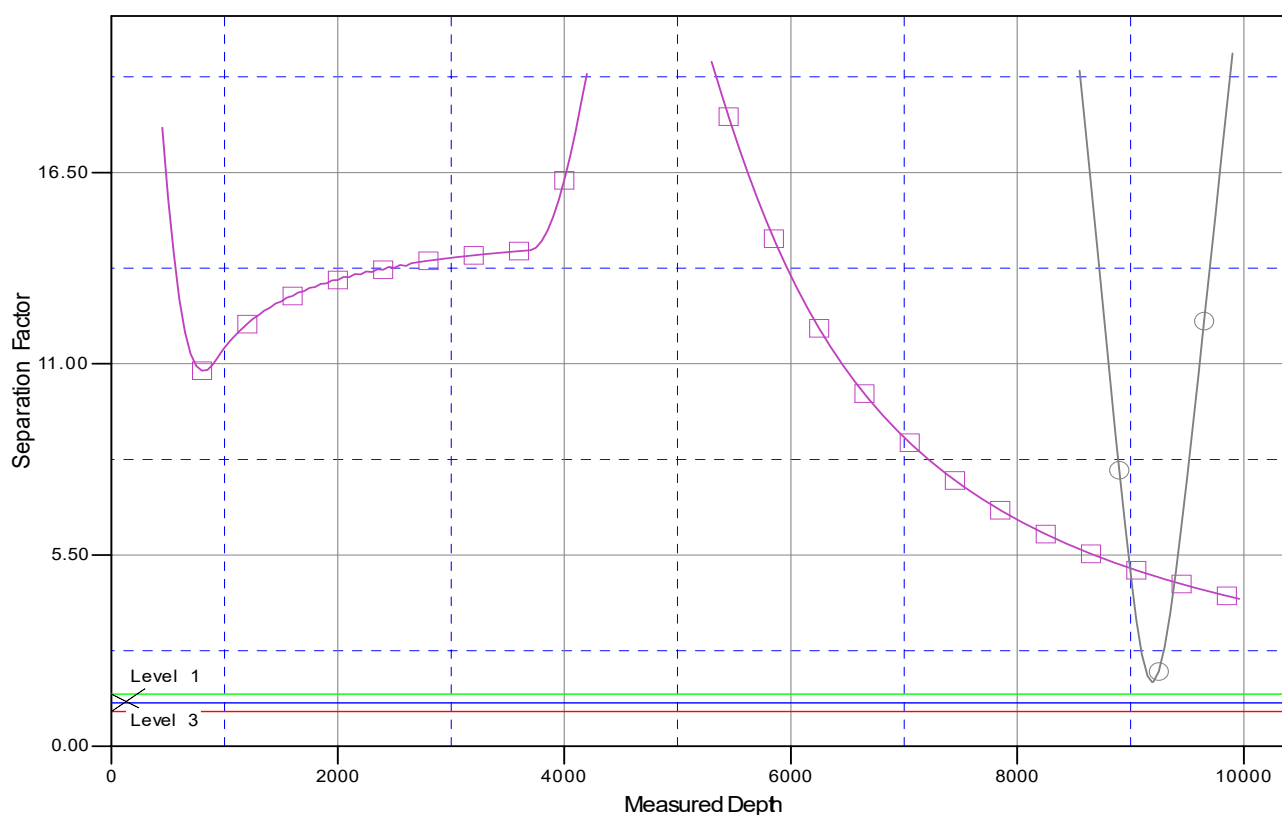
Central Meridian is -104.333334

Coordinates are relative to: PICARD #1H

Coordinate System is US State Plane 1983, New Mexico Eastern Zone

Grid Convergence at Surface is: 0.227°

Separation Factor Plot



LEGEND

PICARD #2H, Wellbore #1, PLAN #1 V0

OFFSET: JACKSON B #53, Wellbore #1, Wellbore #1 V0

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 87635

COMMENTS

Operator: MR NM Operating LLC 5950 Berkshire Lane Dallas, TX 75225	OGRID: 330506
	Action Number: 87635
	Action Type: [C-103] NOI Change of Plans (C-103A)

COMMENTS

Created By	Comment	Comment Date
kpickford	KP GEO review 3/11/2022	3/11/2022
jagarcia	Approved, John Garcia, Petroleum Engineer	6/9/2022

District I
1625 N. French Dr., Hobbs, NM 88240
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State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 87635

CONDITIONS

Operator: MR NM Operating LLC 5950 Berkshire Lane Dallas, TX 75225	OGRID: 330506
	Action Number: 87635
	Action Type: [C-103] NOI Change of Plans (C-103A)

CONDITIONS

Created By	Condition	Condition Date
kpickford	Adhere to previous NMOCD Conditions of Approval	3/11/2022