

VERDAD RESOURCES

**WATTENBERG FIELD
2N-64W-28 GEORGENE PAD
GEORGENE 2833-03H**

Plan C

Plan: Design #2

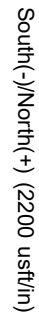
Standard Planning Report

28 July, 2022

VERDAD RESOURCES

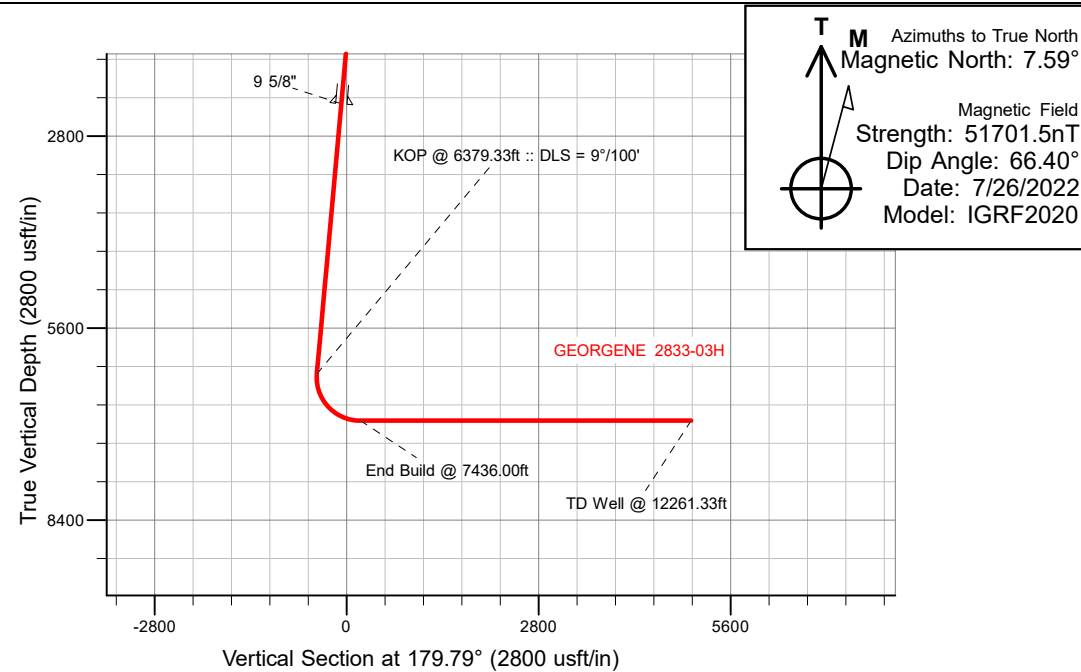
CASING DETAILS			
TVD	MD	Name	Size
2328.00	2360.78	9 5/8"	9-5/8

BPZ/BHL
461' FSL
1820' FEL



SECTION DETAILS									
MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSect	
0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	
303.00	0.00	0.00	303.00	0.00	0.00	0.00	0.00	0.00	
871.50	11.37	270.00	867.78	0.00	-56.22	2.00	270.00	-0.21	
1371.50	11.37	270.00	1357.96	0.00	-154.79	0.00	0.00	-0.57	
1631.44	11.37	296.60	1612.98	11.48	-203.36	2.00	103.05	-12.23	
6379.33	11.37	296.60	6267.69	430.59	-1040.31	0.00	0.00	-434.40	
7436.00	90.00	179.79	6950.00	-203.94	-1160.49	9.00	-116.35	199.69	
12261.33	90.00	179.79	6950.00	-5029.24	-1143.18	0.00	0.00	5025.02	GEORGENE 2833-03H_BP2/BHL

WELLBORE TARGET DETAILS (LAT/LONG)						
Name	TVD	Northing	Easting	Latitude	Longitude	
GEORGENE 2833-03H_SHL	0.00	1281682.28	3265985.24	40.102695	-104.549123	
GEORGENE 2833-03H_TPZ	6950.00	1281465.79	3264827.03	40.102135	-104.553272	
GEORGENE 2833-03H_BPZ/BHL	6950.00	1276641.07	3264896.05	40.088889	-104.553209	



WELL DETAILS: GEORGENE 2833-03H
GL = 5018'
RKB = 24' @ 5042.00usft (RIG)
Plan: Design #2 (GEORGENE 2833-03H/Plan C)
Date: 7/29/2022

Planning Report

Database:	EDM 5000.16 Single User Db	Local Co-ordinate Reference:	Well GEORGENE 2833-03H
Company:	VERDAD RESOURCES	TVD Reference:	RKB = 24' @ 5042.00usft (RIG)
Project:	WATTENBERG FIELD	MD Reference:	RKB = 24' @ 5042.00usft (RIG)
Site:	2N-64W-28 GEORGENE PAD	North Reference:	True
Well:	GEORGENE 2833-03H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Plan C		
Design:	Design #2		

Project	WATTENBERG FIELD		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	Colorado Northern Zone		

Site	2N-64W-28 GEORGENE PAD			
Site Position:		Northing:	1,281,723.49 usft	Latitude: 40.102807
From:	Lat/Long	Easting:	3,266,028.51 usft	Longitude: -104.548967
Position Uncertainty:	0.00 usft	Slot Radius:	13-3/16 "	

Well	GEORGENE 2833-03H			
Well Position	+N/-S	0.00 usft	Northing:	1,281,682.28 usft
	+E/-W	0.00 usft	Easting:	3,265,985.24 usft
Position Uncertainty		3.28 usft	Wellhead Elevation:	usft
Grid Convergence:		0.61 °	Ground Level:	5,018.00 usft

Wellbore	Plan C				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF202013	7/26/2022	7.59	66.40	51,701.46619411

Design	Design #2				
Audit Notes:					
Version:		Phase:	PLAN	Tie On Depth:	0.00
Vertical Section:		Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)
		0.00	0.00	0.00	179.79

Plan Survey Tool Program		Date	7/28/2022		
Depth From (usft)	Depth To (usft)	Survey (Wellbore)	Tool Name	Remarks	
1	0.00	2,328.00	Design #2 (Plan C)	ISCWSA MWD	
				Fixed:v2:standard declination	
2	2,328.00	12,261.33	Design #2 (Plan C)	ISCWSA MWD	
				Fixed:v2:standard declination	

Planning Report

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Project:	WATTENBERG FIELD	MD Reference:	RKB = 24' @ 5042.00usft (RIG)
Site:	2N-64W-28 GEORGENE PAD	North Reference:	True
Well:	GEORGENE 2833-03H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Plan C		
Design:	Design #2		

Plan Sections										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	TFO (°)	Target
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
303.00	0.00	0.00	303.00	0.00	0.00	0.00	0.00	0.00	0.00	
871.50	11.37	270.00	867.78	0.00	-56.22	2.00	2.00	0.00	270.00	
1,371.50	11.37	270.00	1,357.96	0.00	-154.79	0.00	0.00	0.00	0.00	
1,631.44	11.37	296.60	1,612.98	11.48	-203.36	2.00	0.00	10.23	103.05	
6,379.33	11.37	296.60	6,267.69	430.59	-1,040.31	0.00	0.00	0.00	0.00	
7,436.00	90.00	179.79	6,950.00	-203.94	-1,160.49	9.00	7.44	-11.05	-116.35	
12,261.33	90.00	179.79	6,950.00	-5,029.24	-1,143.18	0.00	0.00	0.00	0.00	GEORGENE 2833-03

Planning Report

Database:	EDM 5000.16 Single User Db	Local Co-ordinate Reference:	Well GEORGENE 2833-03H
Company:	VERDAD RESOURCES	TVD Reference:	RKB = 24' @ 5042.00usft (RIG)
Project:	WATTENBERG FIELD	MD Reference:	RKB = 24' @ 5042.00usft (RIG)
Site:	2N-64W-28 GEORGENE PAD	North Reference:	True
Well:	GEORGENE 2833-03H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Plan C		
Design:	Design #2		

Planned Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
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
303.00	0.00	0.00	303.00	0.00	0.00	0.00	0.00	0.00	0.00
Begin Nudge @ 303.00ft									
400.00	1.94	270.00	399.98	0.00	-1.64	-0.01	2.00	2.00	0.00
500.00	3.94	270.00	499.84	0.00	-6.77	-0.02	2.00	2.00	0.00
600.00	5.94	270.00	599.47	0.00	-15.38	-0.06	2.00	2.00	0.00
700.00	7.94	270.00	698.73	0.00	-27.46	-0.10	2.00	2.00	0.00
800.00	9.94	270.00	797.51	0.00	-43.00	-0.16	2.00	2.00	0.00
871.50	11.37	270.00	867.78	0.00	-56.22	-0.21	2.00	2.00	0.00
Hold Tangent @ 871.50ft									
900.00	11.37	270.00	895.72	0.00	-61.84	-0.23	0.00	0.00	0.00
1,000.00	11.37	270.00	993.75	0.00	-81.56	-0.30	0.00	0.00	0.00
1,100.00	11.37	270.00	1,091.79	0.00	-101.27	-0.37	0.00	0.00	0.00
1,200.00	11.37	270.00	1,189.83	0.00	-120.98	-0.44	0.00	0.00	0.00
1,300.00	11.37	270.00	1,287.87	0.00	-140.70	-0.52	0.00	0.00	0.00
1,371.50	11.37	270.00	1,357.96	0.00	-154.79	-0.57	0.00	0.00	0.00
Change Tangent Direction @ 1371.50ft									
1,400.00	11.25	272.85	1,385.91	0.14	-160.38	-0.73	2.00	-0.40	9.99
1,500.00	11.07	283.15	1,484.03	2.81	-179.48	-3.46	2.00	-0.18	10.30
1,600.00	11.24	293.46	1,582.15	8.87	-197.78	-9.60	2.00	0.17	10.31
1,631.44	11.37	296.60	1,612.98	11.48	-203.36	-12.23	2.00	0.40	10.00
Hold Tangent @ 1631.44ft									
1,700.00	11.37	296.60	1,680.19	17.53	-215.45	-18.32	0.00	0.00	0.00
1,800.00	11.37	296.60	1,778.23	26.36	-233.08	-27.21	0.00	0.00	0.00
1,900.00	11.37	296.60	1,876.27	35.19	-250.70	-36.11	0.00	0.00	0.00
2,000.00	11.37	296.60	1,974.30	44.01	-268.33	-45.00	0.00	0.00	0.00
2,100.00	11.37	296.60	2,072.34	52.84	-285.96	-53.89	0.00	0.00	0.00
2,200.00	11.37	296.60	2,170.38	61.67	-303.59	-62.78	0.00	0.00	0.00
2,300.00	11.37	296.60	2,268.42	70.50	-321.21	-71.67	0.00	0.00	0.00
2,360.78	11.37	296.60	2,328.00	75.86	-331.93	-77.08	0.00	0.00	0.00
9 5/8"									
2,400.00	11.37	296.60	2,366.45	79.32	-338.84	-80.57	0.00	0.00	0.00
2,500.00	11.37	296.60	2,464.49	88.15	-356.47	-89.46	0.00	0.00	0.00
2,600.00	11.37	296.60	2,562.53	96.98	-374.10	-98.35	0.00	0.00	0.00
2,700.00	11.37	296.60	2,660.57	105.81	-391.72	-107.24	0.00	0.00	0.00
2,800.00	11.37	296.60	2,758.60	114.63	-409.35	-116.13	0.00	0.00	0.00
2,900.00	11.37	296.60	2,856.64	123.46	-426.98	-125.02	0.00	0.00	0.00
3,000.00	11.37	296.60	2,954.68	132.29	-444.61	-133.92	0.00	0.00	0.00
3,100.00	11.37	296.60	3,052.72	141.11	-462.24	-142.81	0.00	0.00	0.00
3,200.00	11.37	296.60	3,150.75	149.94	-479.86	-151.70	0.00	0.00	0.00
3,300.00	11.37	296.60	3,248.79	158.77	-497.49	-160.59	0.00	0.00	0.00
3,400.00	11.37	296.60	3,346.83	167.60	-515.12	-169.48	0.00	0.00	0.00
3,500.00	11.37	296.60	3,444.87	176.42	-532.75	-178.38	0.00	0.00	0.00
3,600.00	11.37	296.60	3,542.90	185.25	-550.37	-187.27	0.00	0.00	0.00
3,700.00	11.37	296.60	3,640.94	194.08	-568.00	-196.16	0.00	0.00	0.00
3,800.00	11.37	296.60	3,738.98	202.91	-585.63	-205.05	0.00	0.00	0.00
3,900.00	11.37	296.60	3,837.02	211.73	-603.26	-213.94	0.00	0.00	0.00
4,000.00	11.37	296.60	3,935.05	220.56	-620.88	-222.83	0.00	0.00	0.00
4,100.00	11.37	296.60	4,033.09	229.39	-638.51	-231.73	0.00	0.00	0.00
4,200.00	11.37	296.60	4,131.13	238.22	-656.14	-240.62	0.00	0.00	0.00
4,300.00	11.37	296.60	4,229.17	247.04	-673.77	-249.51	0.00	0.00	0.00
4,400.00	11.37	296.60	4,327.20	255.87	-691.40	-258.40	0.00	0.00	0.00

Planning Report

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Company:	VERDAD RESOURCES	TVD Reference:	RKB = 24' @ 5042.00usft (RIG)
Project:	WATTENBERG FIELD	MD Reference:	RKB = 24' @ 5042.00usft (RIG)
Site:	2N-64W-28 GEORGENE PAD	North Reference:	True
Well:	GEORGENE 2833-03H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Plan C		
Design:	Design #2		

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)
4,500.00	11.37	296.60	4,425.24	264.70	-709.02	-267.29	0.00	0.00	0.00
4,600.00	11.37	296.60	4,523.28	273.52	-726.65	-276.19	0.00	0.00	0.00
4,700.00	11.37	296.60	4,621.32	282.35	-744.28	-285.08	0.00	0.00	0.00
4,800.00	11.37	296.60	4,719.35	291.18	-761.91	-293.97	0.00	0.00	0.00
4,900.00	11.37	296.60	4,817.39	300.01	-779.53	-302.86	0.00	0.00	0.00
5,000.00	11.37	296.60	4,915.43	308.83	-797.16	-311.75	0.00	0.00	0.00
5,100.00	11.37	296.60	5,013.46	317.66	-814.79	-320.65	0.00	0.00	0.00
5,200.00	11.37	296.60	5,111.50	326.49	-832.42	-329.54	0.00	0.00	0.00
5,300.00	11.37	296.60	5,209.54	335.32	-850.05	-338.43	0.00	0.00	0.00
5,400.00	11.37	296.60	5,307.58	344.14	-867.67	-347.32	0.00	0.00	0.00
5,500.00	11.37	296.60	5,405.61	352.97	-885.30	-356.21	0.00	0.00	0.00
5,600.00	11.37	296.60	5,503.65	361.80	-902.93	-365.10	0.00	0.00	0.00
5,700.00	11.37	296.60	5,601.69	370.62	-920.56	-374.00	0.00	0.00	0.00
5,800.00	11.37	296.60	5,699.73	379.45	-938.18	-382.89	0.00	0.00	0.00
5,900.00	11.37	296.60	5,797.76	388.28	-955.81	-391.78	0.00	0.00	0.00
6,000.00	11.37	296.60	5,895.80	397.11	-973.44	-400.67	0.00	0.00	0.00
6,100.00	11.37	296.60	5,993.84	405.93	-991.07	-409.56	0.00	0.00	0.00
6,200.00	11.37	296.60	6,091.88	414.76	-1,008.69	-418.46	0.00	0.00	0.00
6,300.00	11.37	296.60	6,189.91	423.59	-1,026.32	-427.35	0.00	0.00	0.00
6,379.33	11.37	296.60	6,267.69	430.59	-1,040.31	-434.40	0.00	0.00	0.00
KOP @ 6379.33ft :: DLS = 9°/100'									
6,400.00	10.67	287.56	6,287.98	432.08	-1,043.95	-435.90	9.00	-3.37	-43.72
6,450.00	10.25	262.70	6,337.17	432.91	-1,052.79	-436.77	9.00	-0.84	-49.73
6,500.00	11.68	240.07	6,386.28	429.82	-1,061.59	-433.71	9.00	2.85	-45.26
6,550.00	14.41	224.10	6,435.00	422.83	-1,070.31	-426.75	9.00	5.47	-31.94
6,600.00	17.86	213.64	6,483.03	411.97	-1,078.89	-415.92	9.00	6.90	-20.92
6,650.00	21.69	206.62	6,530.08	397.31	-1,087.28	-401.30	9.00	7.66	-14.04
6,700.00	25.73	201.66	6,575.86	378.96	-1,095.43	-382.97	9.00	8.08	-9.91
6,750.00	29.89	197.99	6,620.07	357.01	-1,103.29	-361.05	9.00	8.33	-7.35
6,800.00	34.13	195.15	6,662.46	331.60	-1,110.81	-335.67	9.00	8.48	-5.68
6,850.00	38.43	192.87	6,702.76	302.90	-1,117.94	-306.99	9.00	8.59	-4.56
6,900.00	42.76	190.99	6,740.72	271.07	-1,124.64	-275.19	9.00	8.66	-3.76
6,950.00	47.12	189.39	6,776.11	236.32	-1,130.86	-240.46	9.00	8.71	-3.19
7,000.00	51.49	188.00	6,808.70	198.85	-1,136.58	-203.02	9.00	8.75	-2.77
7,050.00	55.88	186.78	6,838.31	158.91	-1,141.75	-163.09	9.00	8.78	-2.45
7,100.00	60.28	185.67	6,864.73	116.73	-1,146.34	-120.93	9.00	8.80	-2.21
7,150.00	64.69	184.66	6,887.83	72.57	-1,150.33	-76.79	9.00	8.82	-2.02
7,200.00	69.11	183.72	6,907.44	26.72	-1,153.68	-30.95	9.00	8.83	-1.88
7,250.00	73.53	182.84	6,923.45	-20.56	-1,156.39	16.32	9.00	8.84	-1.77
7,300.00	77.96	181.99	6,935.76	-68.96	-1,158.42	64.72	9.00	8.85	-1.69
7,350.00	82.38	181.17	6,944.29	-118.20	-1,159.78	113.95	9.00	8.85	-1.64
7,400.00	86.81	180.37	6,949.00	-167.96	-1,160.44	163.70	9.00	8.86	-1.60
7,436.00	90.00	179.79	6,950.00	-203.94	-1,160.49	199.69	9.00	8.86	-1.59
End Build @ 7436.00ft									
7,500.00	90.00	179.79	6,950.00	-267.94	-1,160.26	263.68	0.00	0.00	0.00
7,600.00	90.00	179.79	6,950.00	-367.94	-1,159.91	363.68	0.00	0.00	0.00
7,700.00	90.00	179.79	6,950.00	-467.94	-1,159.55	463.68	0.00	0.00	0.00
7,800.00	90.00	179.79	6,950.00	-567.94	-1,159.19	563.68	0.00	0.00	0.00
7,900.00	90.00	179.79	6,950.00	-667.94	-1,158.83	663.68	0.00	0.00	0.00
8,000.00	90.00	179.79	6,950.00	-767.94	-1,158.47	763.68	0.00	0.00	0.00
8,100.00	90.00	179.79	6,950.00	-867.94	-1,158.11	863.68	0.00	0.00	0.00
8,200.00	90.00	179.79	6,950.00	-967.93	-1,157.75	963.68	0.00	0.00	0.00
8,300.00	90.00	179.79	6,950.00	-1,067.93	-1,157.39	1,063.68	0.00	0.00	0.00

Planning Report

Database:	EDM 5000.16 Single User Db	Local Co-ordinate Reference:	Well GEORGENE 2833-03H
Company:	VERDAD RESOURCES	TVD Reference:	RKB = 24' @ 5042.00usft (RIG)
Project:	WATTENBERG FIELD	MD Reference:	RKB = 24' @ 5042.00usft (RIG)
Site:	2N-64W-28 GEORGENE PAD	North Reference:	True
Well:	GEORGENE 2833-03H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Plan C		
Design:	Design #2		

Planned Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	
8,400.00	90.00	179.79	6,950.00	-1,167.93	-1,157.04	1,163.68	0.00	0.00	0.00	
8,500.00	90.00	179.79	6,950.00	-1,267.93	-1,156.68	1,263.68	0.00	0.00	0.00	
8,600.00	90.00	179.79	6,950.00	-1,367.93	-1,156.32	1,363.68	0.00	0.00	0.00	
8,700.00	90.00	179.79	6,950.00	-1,467.93	-1,155.96	1,463.68	0.00	0.00	0.00	
8,800.00	90.00	179.79	6,950.00	-1,567.93	-1,155.60	1,563.68	0.00	0.00	0.00	
8,900.00	90.00	179.79	6,950.00	-1,667.93	-1,155.24	1,663.68	0.00	0.00	0.00	
9,000.00	90.00	179.79	6,950.00	-1,767.93	-1,154.88	1,763.68	0.00	0.00	0.00	
9,100.00	90.00	179.79	6,950.00	-1,867.93	-1,154.52	1,863.68	0.00	0.00	0.00	
9,200.00	90.00	179.79	6,950.00	-1,967.93	-1,154.17	1,963.68	0.00	0.00	0.00	
9,300.00	90.00	179.79	6,950.00	-2,067.93	-1,153.81	2,063.68	0.00	0.00	0.00	
9,400.00	90.00	179.79	6,950.00	-2,167.93	-1,153.45	2,163.68	0.00	0.00	0.00	
9,500.00	90.00	179.79	6,950.00	-2,267.93	-1,153.09	2,263.68	0.00	0.00	0.00	
9,600.00	90.00	179.79	6,950.00	-2,367.93	-1,152.73	2,363.68	0.00	0.00	0.00	
9,700.00	90.00	179.79	6,950.00	-2,467.92	-1,152.37	2,463.68	0.00	0.00	0.00	
9,800.00	90.00	179.79	6,950.00	-2,567.92	-1,152.01	2,563.68	0.00	0.00	0.00	
9,900.00	90.00	179.79	6,950.00	-2,667.92	-1,151.66	2,663.68	0.00	0.00	0.00	
10,000.00	90.00	179.79	6,950.00	-2,767.92	-1,151.30	2,763.68	0.00	0.00	0.00	
10,100.00	90.00	179.79	6,950.00	-2,867.92	-1,150.94	2,863.68	0.00	0.00	0.00	
10,200.00	90.00	179.79	6,950.00	-2,967.92	-1,150.58	2,963.68	0.00	0.00	0.00	
10,300.00	90.00	179.79	6,950.00	-3,067.92	-1,150.22	3,063.68	0.00	0.00	0.00	
10,400.00	90.00	179.79	6,950.00	-3,167.92	-1,149.86	3,163.68	0.00	0.00	0.00	
10,500.00	90.00	179.79	6,950.00	-3,267.92	-1,149.50	3,263.68	0.00	0.00	0.00	
10,600.00	90.00	179.79	6,950.00	-3,367.92	-1,149.14	3,363.68	0.00	0.00	0.00	
10,700.00	90.00	179.79	6,950.00	-3,467.92	-1,148.79	3,463.68	0.00	0.00	0.00	
10,800.00	90.00	179.79	6,950.00	-3,567.92	-1,148.43	3,563.68	0.00	0.00	0.00	
10,900.00	90.00	179.79	6,950.00	-3,667.92	-1,148.07	3,663.68	0.00	0.00	0.00	
11,000.00	90.00	179.79	6,950.00	-3,767.92	-1,147.71	3,763.68	0.00	0.00	0.00	
11,100.00	90.00	179.79	6,950.00	-3,867.92	-1,147.35	3,863.68	0.00	0.00	0.00	
11,200.00	90.00	179.79	6,950.00	-3,967.92	-1,146.99	3,963.68	0.00	0.00	0.00	
11,300.00	90.00	179.79	6,950.00	-4,067.91	-1,146.63	4,063.68	0.00	0.00	0.00	
11,400.00	90.00	179.79	6,950.00	-4,167.91	-1,146.27	4,163.68	0.00	0.00	0.00	
11,500.00	90.00	179.79	6,950.00	-4,267.91	-1,145.92	4,263.68	0.00	0.00	0.00	
11,600.00	90.00	179.79	6,950.00	-4,367.91	-1,145.56	4,363.68	0.00	0.00	0.00	
11,700.00	90.00	179.79	6,950.00	-4,467.91	-1,145.20	4,463.68	0.00	0.00	0.00	
11,800.00	90.00	179.79	6,950.00	-4,567.91	-1,144.84	4,563.68	0.00	0.00	0.00	
11,900.00	90.00	179.79	6,950.00	-4,667.91	-1,144.48	4,663.68	0.00	0.00	0.00	
12,000.00	90.00	179.79	6,950.00	-4,767.91	-1,144.12	4,763.68	0.00	0.00	0.00	
12,100.00	90.00	179.79	6,950.00	-4,867.91	-1,143.76	4,863.68	0.00	0.00	0.00	
12,200.00	90.00	179.79	6,950.00	-4,967.91	-1,143.40	4,963.68	0.00	0.00	0.00	
12,261.33	90.00	179.79	6,950.00	-5,029.24	-1,143.18	5,025.02	0.00	0.00	0.00	
TD Well @ 12261.33ft										

Casing Points					
Measured Depth (usft)	Vertical Depth (usft)	Name		Casing Diameter (")	Hole Diameter (")
2,360.78	2,328.00	9 5/8"		9-5/8	13-1/2

Planning Report

Database:	EDM 5000.16 Single User Db	Local Co-ordinate Reference:	Well GEORGENE 2833-03H
Company:	VERDAD RESOURCES	TVD Reference:	RKB = 24' @ 5042.00usft (RIG)
Project:	WATTENBERG FIELD	MD Reference:	RKB = 24' @ 5042.00usft (RIG)
Site:	2N-64W-28 GEORGENE PAD	North Reference:	True
Well:	GEORGENE 2833-03H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Plan C		
Design:	Design #2		

Plan Annotations				
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
303.00	303.00	0.00	0.00	Begin Nudge @ 303.00ft
871.50	867.78	0.00	-56.22	Hold Tangent @ 871.50ft
1,371.50	1,357.96	0.00	-154.79	Change Tangent Direction @ 1371.50ft
1,631.44	1,612.98	11.48	-203.36	Hold Tangent @ 1631.44ft
6,379.33	6,267.69	430.59	-1,040.31	KOP @ 6379.33ft :: DLS = 9°/100'
7,436.00	6,950.00	-203.94	-1,160.49	End Build @ 7436.00ft
12,261.33	6,950.00	-5,029.24	-1,143.18	TD Well @ 12261.33ft