

VERDAD RESOURCES

WATTENBERG FIELD

9N-60W-25 PEGGY 2525 PAD

PEGGY 2525-01H

Plan B

Plan: Design #2

Standard Planning Report

17 May, 2022

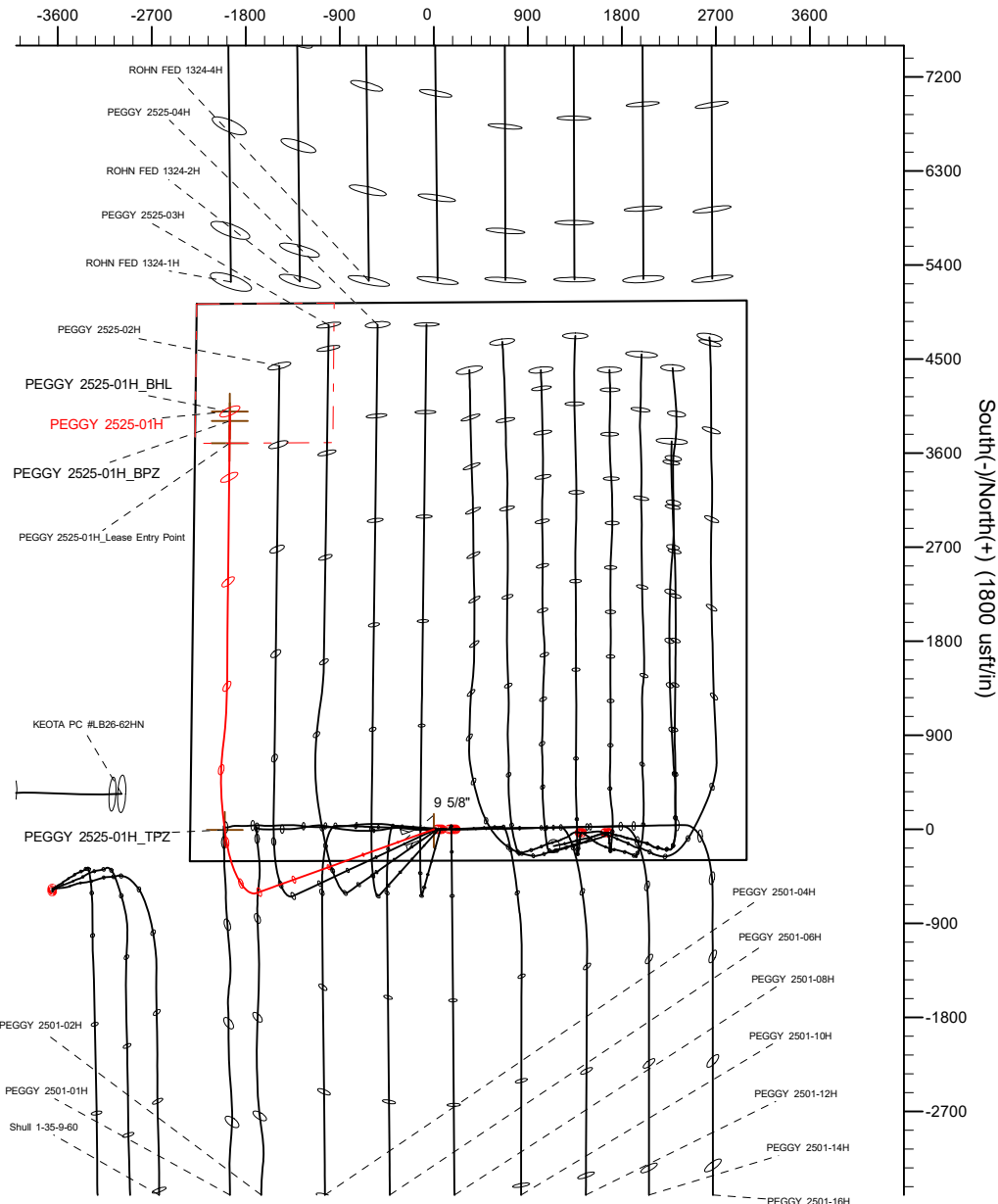
Project: WATTENBERG FIELD
Site: 9N-60W-25 PEGGY 2525 PAD
Well: PEGGY 2525-01H
Wellbore: Plan B
Design: Design #2

VERDAD RESOURCES

CASING DETAILS

TVD	MD	Name	Size
1575.00	1618.63	9 5/8"	9-5/8

West(-)/East(+) (1800 usft/in)



SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSec	Target
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2	252.45	0.00	0.00	252.45	0.00	0.00	0.00	0.00	0.00	
3	1284.45	20.64	250.24	1262.27	-62.17	-173.05	2.00	250.24	-64.31	
4	5870.50	20.64	250.24	5553.96	-608.69	-1694.42	0.00	0.00	-629.64	
5	6922.03	90.00	353.50	6200.00	-5.05	-2001.59	9.00	102.44	-29.85	
6	7072.03	90.00	353.50	6200.00	143.98	-2018.57	0.00	0.00	118.96	
7	7797.03	90.00	8.00	6200.00	866.99	-2009.11	2.00	90.00	842.03	
8	8166.44	90.00	0.61	6200.00	1235.10	-1981.39	2.00	-90.00	1210.46	
9	10930.18	90.00	0.61	6200.00	3998.68	-1951.88	0.00	0.00	3974.19	PEGGY 2525-01H_BHL

WELLBORE TARGET DETAILS (LAT/LONG)

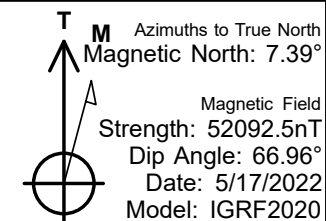
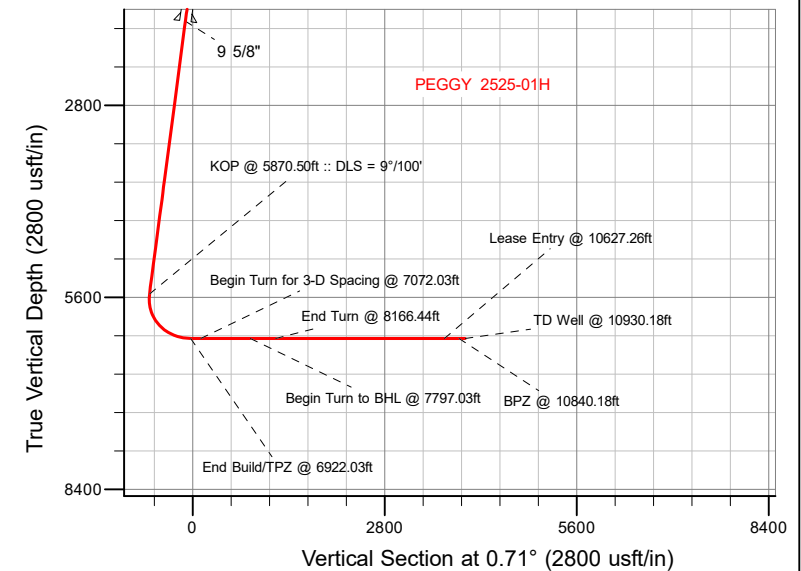
Name	MD	TVD	+N/-S	+E/-W	Latitude	Longitude
PEGGY 2525-01H_SHL	0.00	0.00	0.00	0.00	40.714776	-104.041133
PEGGY 2525-01H_TPZ	6922.03	6200.00	-5.05	-2001.59	40.714761	-104.048353
PEGGY 2525-01H_Lease Entry	10627.26	6200.00	3695.78	-1955.63	40.724920	-104.048188
PEGGY 2525-01H_BPZ	10840.18	6200.00	3908.69	-1952.99	40.725504	-104.048179
PEGGY 2525-01H_BHL	10930.18	6200.00	3998.68	-1951.88	40.725751	-104.048175

SHL
301' FSL
2331' FWL

TPZ
300' FSL
330' FWL

BPZ
1121' FNL
330' FWL

BHL
1031' FNL
330' FWL



WELL DETAILS: PEGGY 2525-01H

GL = 4895'
RKB = 20' @ 4915.00usft (RIG)
Plan: Design #2 (PEGGY 2525-01H/Plan B)
Date: 5/17/2022

Planning Report

Database:	EDM 5000.16 Single User Db	Local Co-ordinate Reference:	Well PEGGY 2525-01H
Company:	VERDAD RESOURCES	TVD Reference:	RKB = 20' @ 4915.00usft (RIG)
Project:	WATTENBERG FIELD	MD Reference:	RKB = 20' @ 4915.00usft (RIG)
Site:	9N-60W-25 PEGGY 2525 PAD	North Reference:	True
Well:	PEGGY 2525-01H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Plan B		
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		9N-60W-25 PEGGY 2525 PAD			
Site Position:		Northing:	1,511,260.26 usft	Latitude:	40.727757
From:	Lat/Long	Easting:	3,402,379.40 usft	Longitude:	-104.048161
Position Uncertainty:		0.00 usft	Slot Radius:	13-3/16 "	

Well		PEGGY 2525-01H				
Well Position	+N/-S	0.00 usft	Northing:	1,506,563.54 usft	Latitude:	40.714776
	+E/-W	0.00 usft	Easting:	3,404,404.75 usft	Longitude:	-104.041133
Position Uncertainty		3.28 usft	Wellhead Elevation:	usft	Ground Level:	4,895.00 usft
Grid Convergence:		0.94 °				

Wellbore	Plan B				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF202013	5/17/2022	7.39	66.96	52,092.47118115

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	0.71	

Plan Survey Tool Program	Date	5/17/2022			
Depth From (usft)	Depth To (usft)	Survey (Wellbore)	Tool Name	Remarks	
1	0.00	1,575.00	Design #2 (Plan B)	ISCWSA MWD	
				Fixed:v2:standard declination	
2	1,575.00	10,930.18	Design #2 (Plan B)	ISCWSA MWD	
				Fixed:v2:standard declination	

Planning Report

Database:	EDM 5000.16 Single User Db	Local Co-ordinate Reference:	Well PEGGY 2525-01H
Company:	VERDAD RESOURCES	TVD Reference:	RKB = 20' @ 4915.00usft (RIG)
Project:	WATTENBERG FIELD	MD Reference:	RKB = 20' @ 4915.00usft (RIG)
Site:	9N-60W-25 PEGGY 2525 PAD	North Reference:	True
Well:	PEGGY 2525-01H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Plan B		
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	
252.45	0.00	0.00	252.45	0.00	0.00	0.00	0.00	0.00	0.00	
1,284.45	20.64	250.24	1,262.27	-62.17	-173.05	2.00	2.00	0.00	250.24	
5,870.50	20.64	250.24	5,553.96	-608.69	-1,694.42	0.00	0.00	0.00	0.00	
6,922.03	90.00	353.50	6,200.00	-5.05	-2,001.59	9.00	6.60	9.82	102.44	
7,072.03	90.00	353.50	6,200.00	143.98	-2,018.57	0.00	0.00	0.00	0.00	
7,797.03	90.00	8.00	6,200.00	866.99	-2,009.11	2.00	0.00	2.00	90.00	
8,166.44	90.00	0.61	6,200.00	1,235.10	-1,981.39	2.00	0.00	-2.00	-90.00	
10,930.18	90.00	0.61	6,200.00	3,998.68	-1,951.88	0.00	0.00	0.00	0.00	PEGGY 2525-01H_BI

Planning Report

Database:	EDM 5000.16 Single User Db	Local Co-ordinate Reference:	Well PEGGY 2525-01H
Company:	VERDAD RESOURCES	TVD Reference:	RKB = 20' @ 4915.00usft (RIG)
Project:	WATTENBERG FIELD	MD Reference:	RKB = 20' @ 4915.00usft (RIG)
Site:	9N-60W-25 PEGGY 2525 PAD	North Reference:	True
Well:	PEGGY 2525-01H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Plan B		
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
252.45	0.00	0.00	252.45	0.00	0.00	0.00	0.00	0.00	0.00
Begin Nudge @ 252.45ft									
300.00	0.95	250.24	300.00	-0.13	-0.37	-0.14	2.00	2.00	0.00
400.00	2.95	250.24	399.93	-1.28	-3.58	-1.33	2.00	2.00	0.00
500.00	4.95	250.24	499.69	-3.61	-10.06	-3.74	2.00	2.00	0.00
600.00	6.95	250.24	599.15	-7.12	-19.82	-7.36	2.00	2.00	0.00
700.00	8.95	250.24	698.18	-11.79	-32.83	-12.20	2.00	2.00	0.00
800.00	10.95	250.24	796.67	-17.64	-49.10	-18.24	2.00	2.00	0.00
900.00	12.95	250.24	894.50	-24.64	-68.58	-25.49	2.00	2.00	0.00
1,000.00	14.95	250.24	991.55	-32.79	-91.27	-33.92	2.00	2.00	0.00
1,100.00	16.95	250.24	1,087.69	-42.08	-117.13	-43.53	2.00	2.00	0.00
1,200.00	18.95	250.24	1,182.82	-52.50	-146.14	-54.30	2.00	2.00	0.00
1,284.45	20.64	250.24	1,262.27	-62.17	-173.05	-64.31	2.00	2.00	0.00
Hold Tangent @ 1284.45ft									
1,300.00	20.64	250.24	1,276.83	-64.02	-178.21	-66.22	0.00	0.00	0.00
1,400.00	20.64	250.24	1,370.41	-75.94	-211.39	-78.55	0.00	0.00	0.00
1,500.00	20.64	250.24	1,463.99	-87.85	-244.56	-90.88	0.00	0.00	0.00
1,600.00	20.64	250.24	1,557.57	-99.77	-277.73	-103.20	0.00	0.00	0.00
1,618.63	20.64	250.24	1,575.00	-101.99	-283.91	-105.50	0.00	0.00	0.00
9 5/8"									
1,700.00	20.64	250.24	1,651.15	-111.69	-310.91	-115.53	0.00	0.00	0.00
1,800.00	20.64	250.24	1,744.73	-123.61	-344.08	-127.86	0.00	0.00	0.00
1,900.00	20.64	250.24	1,838.31	-135.52	-377.25	-140.19	0.00	0.00	0.00
2,000.00	20.64	250.24	1,931.90	-147.44	-410.43	-152.51	0.00	0.00	0.00
2,100.00	20.64	250.24	2,025.48	-159.36	-443.60	-164.84	0.00	0.00	0.00
2,200.00	20.64	250.24	2,119.06	-171.27	-476.78	-177.17	0.00	0.00	0.00
2,300.00	20.64	250.24	2,212.64	-183.19	-509.95	-189.50	0.00	0.00	0.00
2,400.00	20.64	250.24	2,306.22	-195.11	-543.12	-201.82	0.00	0.00	0.00
2,500.00	20.64	250.24	2,399.80	-207.03	-576.30	-214.15	0.00	0.00	0.00
2,600.00	20.64	250.24	2,493.38	-218.94	-609.47	-226.48	0.00	0.00	0.00
2,700.00	20.64	250.24	2,586.97	-230.86	-642.65	-238.81	0.00	0.00	0.00
2,800.00	20.64	250.24	2,680.55	-242.78	-675.82	-251.13	0.00	0.00	0.00
2,900.00	20.64	250.24	2,774.13	-254.69	-708.99	-263.46	0.00	0.00	0.00
3,000.00	20.64	250.24	2,867.71	-266.61	-742.17	-275.79	0.00	0.00	0.00
3,100.00	20.64	250.24	2,961.29	-278.53	-775.34	-288.12	0.00	0.00	0.00
3,200.00	20.64	250.24	3,054.87	-290.45	-808.52	-300.44	0.00	0.00	0.00
3,300.00	20.64	250.24	3,148.45	-302.36	-841.69	-312.77	0.00	0.00	0.00
3,400.00	20.64	250.24	3,242.03	-314.28	-874.86	-325.10	0.00	0.00	0.00
3,500.00	20.64	250.24	3,335.62	-326.20	-908.04	-337.42	0.00	0.00	0.00
3,600.00	20.64	250.24	3,429.20	-338.11	-941.21	-349.75	0.00	0.00	0.00
3,700.00	20.64	250.24	3,522.78	-350.03	-974.39	-362.08	0.00	0.00	0.00
3,800.00	20.64	250.24	3,616.36	-361.95	-1,007.56	-374.41	0.00	0.00	0.00
3,900.00	20.64	250.24	3,709.94	-373.87	-1,040.73	-386.73	0.00	0.00	0.00
4,000.00	20.64	250.24	3,803.52	-385.78	-1,073.91	-399.06	0.00	0.00	0.00
4,100.00	20.64	250.24	3,897.10	-397.70	-1,107.08	-411.39	0.00	0.00	0.00
4,200.00	20.64	250.24	3,990.69	-409.62	-1,140.25	-423.72	0.00	0.00	0.00
4,300.00	20.64	250.24	4,084.27	-421.54	-1,173.43	-436.04	0.00	0.00	0.00
4,400.00	20.64	250.24	4,177.85	-433.45	-1,206.60	-448.37	0.00	0.00	0.00
4,500.00	20.64	250.24	4,271.43	-445.37	-1,239.78	-460.70	0.00	0.00	0.00
4,600.00	20.64	250.24	4,365.01	-457.29	-1,272.95	-473.03	0.00	0.00	0.00

Planning Report

Database:	EDM 5000.16 Single User Db	Local Co-ordinate Reference:	Well PEGGY 2525-01H
Company:	VERDAD RESOURCES	TVD Reference:	RKB = 20' @ 4915.00usft (RIG)
Project:	WATTENBERG FIELD	MD Reference:	RKB = 20' @ 4915.00usft (RIG)
Site:	9N-60W-25 PEGGY 2525 PAD	North Reference:	True
Well:	PEGGY 2525-01H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Plan B		
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)
4,700.00	20.64	250.24	4,458.59	-469.20	-1,306.12	-485.35	0.00	0.00	0.00
4,800.00	20.64	250.24	4,552.17	-481.12	-1,339.30	-497.68	0.00	0.00	0.00
4,900.00	20.64	250.24	4,645.76	-493.04	-1,372.47	-510.01	0.00	0.00	0.00
5,000.00	20.64	250.24	4,739.34	-504.96	-1,405.65	-522.33	0.00	0.00	0.00
5,100.00	20.64	250.24	4,832.92	-516.87	-1,438.82	-534.66	0.00	0.00	0.00
5,200.00	20.64	250.24	4,926.50	-528.79	-1,471.99	-546.99	0.00	0.00	0.00
5,300.00	20.64	250.24	5,020.08	-540.71	-1,505.17	-559.32	0.00	0.00	0.00
5,400.00	20.64	250.24	5,113.66	-552.62	-1,538.34	-571.64	0.00	0.00	0.00
5,500.00	20.64	250.24	5,207.24	-564.54	-1,571.52	-583.97	0.00	0.00	0.00
5,600.00	20.64	250.24	5,300.82	-576.46	-1,604.69	-596.30	0.00	0.00	0.00
5,700.00	20.64	250.24	5,394.41	-588.38	-1,637.86	-608.63	0.00	0.00	0.00
5,800.00	20.64	250.24	5,487.99	-600.29	-1,671.04	-620.95	0.00	0.00	0.00
5,870.50	20.64	250.24	5,553.96	-608.69	-1,694.42	-629.64	0.00	0.00	0.00
KOP @ 5870.50ft :: DLS = 9°/100'									
5,900.00	20.23	257.76	5,581.61	-611.53	-1,704.30	-632.61	9.00	-1.40	25.48
5,950.00	20.28	270.78	5,628.54	-613.25	-1,721.43	-634.53	9.00	0.11	26.04
6,000.00	21.27	283.18	5,675.31	-611.06	-1,738.93	-632.56	9.00	1.98	24.80
6,050.00	23.08	294.12	5,721.63	-604.99	-1,756.72	-626.71	9.00	3.60	21.89
6,100.00	25.52	303.33	5,767.22	-595.06	-1,774.67	-617.01	9.00	4.89	18.41
6,150.00	28.44	310.89	5,811.78	-581.34	-1,792.68	-603.51	9.00	5.84	15.13
6,200.00	31.70	317.09	5,855.06	-563.92	-1,810.63	-586.31	9.00	6.53	12.39
6,250.00	35.21	322.20	5,896.78	-542.89	-1,828.42	-565.51	9.00	7.02	10.23
6,300.00	38.90	326.48	5,936.68	-518.40	-1,845.93	-541.24	9.00	7.38	8.55
6,350.00	42.73	330.11	5,974.52	-490.59	-1,863.07	-513.64	9.00	7.65	7.27
6,400.00	46.65	333.25	6,010.06	-459.64	-1,879.71	-482.89	9.00	7.85	6.28
6,450.00	50.65	336.00	6,043.09	-425.73	-1,895.76	-449.18	9.00	8.00	5.51
6,500.00	54.70	338.46	6,073.41	-389.07	-1,911.12	-412.72	9.00	8.11	4.91
6,550.00	58.80	340.67	6,100.81	-349.89	-1,925.70	-373.72	9.00	8.20	4.43
6,600.00	62.94	342.71	6,125.15	-308.43	-1,939.40	-332.44	9.00	8.27	4.06
6,650.00	67.10	344.59	6,146.26	-264.95	-1,952.15	-289.12	9.00	8.33	3.77
6,700.00	71.29	346.37	6,164.02	-219.71	-1,963.86	-244.03	9.00	8.37	3.55
6,750.00	75.49	348.05	6,178.31	-173.00	-1,974.45	-197.45	9.00	8.40	3.38
6,800.00	79.70	349.68	6,189.06	-125.10	-1,983.87	-149.67	9.00	8.42	3.25
6,850.00	83.92	351.26	6,196.18	-76.30	-1,992.06	-100.98	9.00	8.44	3.16
6,900.00	88.14	352.82	6,199.65	-26.92	-1,998.97	-51.69	9.00	8.45	3.11
6,922.03	90.00	353.50	6,200.00	-5.05	-2,001.59	-29.85	9.00	8.45	3.10
End Build/TPZ @ 6922.03ft									
7,000.00	90.00	353.50	6,200.00	72.42	-2,010.42	47.50	0.00	0.00	0.00
7,072.03	90.00	353.50	6,200.00	143.98	-2,018.57	118.96	0.00	0.00	0.00
Begin Turn for 3-D Spacing @ 7072.03ft									
7,100.00	90.00	354.06	6,200.00	171.79	-2,021.60	146.73	2.00	0.00	2.00
7,200.00	90.00	356.06	6,200.00	271.42	-2,030.21	246.24	2.00	0.00	2.00
7,300.00	90.00	358.06	6,200.00	371.28	-2,035.34	346.03	2.00	0.00	2.00
7,400.00	90.00	0.06	6,200.00	471.26	-2,036.99	445.98	2.00	0.00	2.00
7,500.00	90.00	2.06	6,200.00	571.24	-2,035.14	545.98	2.00	0.00	2.00
7,600.00	90.00	4.06	6,200.00	671.09	-2,029.80	645.89	2.00	0.00	2.00
7,700.00	90.00	6.06	6,200.00	770.70	-2,020.98	745.59	2.00	0.00	2.00
7,797.03	90.00	8.00	6,200.00	866.99	-2,009.11	842.03	2.00	0.00	2.00
Begin Turn to BHL @ 7797.03ft									
7,800.00	90.00	7.94	6,200.00	869.93	-2,008.70	844.98	2.00	0.00	-2.00
7,900.00	90.00	5.94	6,200.00	969.19	-1,996.61	944.38	2.00	0.00	-2.00
8,000.00	90.00	3.94	6,200.00	1,068.82	-1,988.00	1,044.10	2.00	0.00	-2.00
8,100.00	90.00	1.94	6,200.00	1,168.68	-1,982.87	1,144.02	2.00	0.00	-2.00
8,166.44	90.00	0.61	6,200.00	1,235.10	-1,981.39	1,210.46	2.00	0.00	-2.00

Planning Report

Database:	EDM 5000.16 Single User Db	Local Co-ordinate Reference:	Well PEGGY 2525-01H
Company:	VERDAD RESOURCES	TVD Reference:	RKB = 20' @ 4915.00usft (RIG)
Project:	WATTENBERG FIELD	MD Reference:	RKB = 20' @ 4915.00usft (RIG)
Site:	9N-60W-25 PEGGY 2525 PAD	North Reference:	True
Well:	PEGGY 2525-01H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Plan B		
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)
End Turn @ 8166.44ft									
8,200.00	90.00	0.61	6,200.00	1,268.66	-1,981.03	1,244.02	0.00	0.00	0.00
8,300.00	90.00	0.61	6,200.00	1,368.66	-1,979.96	1,344.02	0.00	0.00	0.00
8,400.00	90.00	0.61	6,200.00	1,468.65	-1,978.90	1,444.02	0.00	0.00	0.00
8,500.00	90.00	0.61	6,200.00	1,568.64	-1,977.83	1,544.02	0.00	0.00	0.00
8,600.00	90.00	0.61	6,200.00	1,668.64	-1,976.76	1,644.02	0.00	0.00	0.00
8,700.00	90.00	0.61	6,200.00	1,768.63	-1,975.69	1,744.02	0.00	0.00	0.00
8,800.00	90.00	0.61	6,200.00	1,868.63	-1,974.63	1,844.02	0.00	0.00	0.00
8,900.00	90.00	0.61	6,200.00	1,968.62	-1,973.56	1,944.02	0.00	0.00	0.00
9,000.00	90.00	0.61	6,200.00	2,068.62	-1,972.49	2,044.02	0.00	0.00	0.00
9,100.00	90.00	0.61	6,200.00	2,168.61	-1,971.42	2,144.02	0.00	0.00	0.00
9,200.00	90.00	0.61	6,200.00	2,268.60	-1,970.36	2,244.01	0.00	0.00	0.00
9,300.00	90.00	0.61	6,200.00	2,368.60	-1,969.29	2,344.01	0.00	0.00	0.00
9,400.00	90.00	0.61	6,200.00	2,468.59	-1,968.22	2,444.01	0.00	0.00	0.00
9,500.00	90.00	0.61	6,200.00	2,568.59	-1,967.15	2,544.01	0.00	0.00	0.00
9,600.00	90.00	0.61	6,200.00	2,668.58	-1,966.08	2,644.01	0.00	0.00	0.00
9,700.00	90.00	0.61	6,200.00	2,768.58	-1,965.02	2,744.01	0.00	0.00	0.00
9,800.00	90.00	0.61	6,200.00	2,868.57	-1,963.95	2,844.01	0.00	0.00	0.00
9,900.00	90.00	0.61	6,200.00	2,968.56	-1,962.88	2,944.01	0.00	0.00	0.00
10,000.00	90.00	0.61	6,200.00	3,068.56	-1,961.81	3,044.01	0.00	0.00	0.00
10,100.00	90.00	0.61	6,200.00	3,168.55	-1,960.75	3,144.01	0.00	0.00	0.00
10,200.00	90.00	0.61	6,200.00	3,268.55	-1,959.68	3,244.01	0.00	0.00	0.00
10,300.00	90.00	0.61	6,200.00	3,368.54	-1,958.61	3,344.01	0.00	0.00	0.00
10,400.00	90.00	0.61	6,200.00	3,468.54	-1,957.54	3,444.01	0.00	0.00	0.00
10,500.00	90.00	0.61	6,200.00	3,568.53	-1,956.47	3,544.01	0.00	0.00	0.00
10,600.00	90.00	0.61	6,200.00	3,668.53	-1,955.41	3,644.01	0.00	0.00	0.00
10,627.26	90.00	0.61	6,200.00	3,695.78	-1,955.12	3,671.27	0.00	0.00	0.00
Lease Entry @ 10627.26ft									
10,700.00	90.00	0.61	6,200.00	3,768.52	-1,954.34	3,744.01	0.00	0.00	0.00
10,800.00	90.00	0.61	6,200.00	3,868.51	-1,953.27	3,844.01	0.00	0.00	0.00
10,840.18	90.00	0.61	6,200.00	3,908.69	-1,952.84	3,884.19	0.00	0.00	0.00
BPZ @ 10840.18ft									
10,900.00	90.00	0.61	6,200.00	3,968.51	-1,952.20	3,944.01	0.00	0.00	0.00
10,930.18	90.00	0.61	6,200.00	3,998.68	-1,951.88	3,974.19	0.00	0.00	0.00
TD Well @ 10930.18ft									

Casing Points					
Measured Depth (usft)	Vertical Depth (usft)	Name	Casing Diameter (")	Hole Diameter (")	
1,618.63	1,575.00	9 5/8"	9-5/8	13-1/2	

Planning Report

Database:	EDM 5000.16 Single User Db	Local Co-ordinate Reference:	Well PEGGY 2525-01H
Company:	VERDAD RESOURCES	TVD Reference:	RKB = 20' @ 4915.00usft (RIG)
Project:	WATTENBERG FIELD	MD Reference:	RKB = 20' @ 4915.00usft (RIG)
Site:	9N-60W-25 PEGGY 2525 PAD	North Reference:	True
Well:	PEGGY 2525-01H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Plan B		
Design:	Design #2		

Plan Annotations				
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
252.45	252.45	0.00	0.00	Begin Nudge @ 252.45ft
1,284.45	1,262.27	-62.17	-173.05	Hold Tangent @ 1284.45ft
5,870.50	5,553.96	-608.69	-1,694.42	KOP @ 5870.50ft :: DLS = 9°/100'
6,922.03	6,200.00	-5.05	-2,001.59	End Build/TPZ @ 6922.03ft
7,072.03	6,200.00	143.98	-2,018.57	Begin Turn for 3-D Spacing @ 7072.03ft
7,797.03	6,200.00	866.99	-2,009.11	Begin Turn to BHL @ 7797.03ft
8,166.44	6,200.00	1,235.10	-1,981.39	End Turn @ 8166.44ft
10,627.26	6,200.00	3,695.78	-1,955.12	Lease Entry @ 10627.26ft
10,840.18	6,200.00	3,908.69	-1,952.84	BPZ @ 10840.18ft
10,930.18	6,200.00	3,998.68	-1,951.88	TD Well @ 10930.18ft