



Synergy Resources Corporation

SEC. 34-T6N-R66W

Beebe 3-34 Pad

Beebe 23C-26-M

OH

Plan #2

Anticollision Summary Report

17 February, 2017

Company:	Synergy Resources Corporation	Local Co-ordinate Reference:	Well Beebe 23C-26-M
Project:	SEC. 34-T6N-R66W	TVD Reference:	GL 4702 & KB 25 @ 4727.00ft
Reference Site:	Beebe 3-34 Pad	MD Reference:	GL 4702 & KB 25 @ 4727.00ft
Site Error:	3.28 ft	North Reference:	True
Reference Well:	Beebe 23C-26-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 ft	Output errors are at	2.45 sigma
Reference Wellbore	OH	Database:	EDM 5000.14 Single User Db
Reference Design:	Plan #2	Offset TVD Reference:	Offset Datum

Reference	Plan #2		
Filter type:	NO GLOBAL FILTER: Using user defined selection & filtering criteria		
Interpolation Method:	Stations	Error Model:	ISCWSA
Depth Range:	Unlimited	Scan Method:	Closest Approach 3D
Results Limited by:	Maximum center-center distance of 10,000.00 ft	Error Surface:	Pedal Curve
Warning Levels Evaluated at:	2.45 Sigma	Casing Method:	Not applied

Survey Tool Program		Date	2/17/2017		
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description	
0.00	14,465.60	Plan #2 (OH)	MWD+IFR1	OWSG MWD + IFR1	

Summary						
Site Name	Reference Measured Depth (ft)	Offset Measured Depth (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Separation Factor	Warning
Offset Well - Wellbore - Design						
Beebe 3-34 Pad						
AG #32-41 - OH - OH	6,852.58	6,474.10	7,026.73	6,764.22	26.767	CC
AG #32-41 - OH - OH	6,900.00	6,520.03	7,028.46	6,764.12	26.589	ES
AG #32-41 - OH - OH	7,350.00	6,918.49	7,206.83	6,927.66	25.815	SF
AG 30N-31B-L - OH - Design #1	6,833.61	6,420.00	5,644.45	5,576.57	83.162	CC, ES
AG 30N-31B-L - OH - Design #1	6,950.00	6,450.00	5,655.88	5,587.43	82.627	SF
AG 30N-31-L - OH - Design #1	6,840.90	6,550.00	5,845.36	5,776.87	85.337	CC, ES
AG 30N-31-L - OH - Design #1	7,050.00	6,573.40	5,881.28	5,811.98	84.879	SF
AG 32-31D - OH - OH	3,726.63	1,643.00	8,004.87	7,979.35	313.637	CC
AG 32-31D - OH - OH	3,800.00	1,674.64	8,005.03	7,978.97	307.160	ES
AG 32-31D - OH - OH	7,400.00	7,400.00	8,490.91	8,420.54	120.661	SF
AG 32-32D - OH - OH	3,282.89	1,215.00	8,182.04	8,158.66	349.951	CC
AG 32-32D - OH - OH	3,400.00	1,251.16	8,182.61	8,158.35	337.338	ES
AG 32-32D - OH - OH	6,900.00	6,900.00	8,523.56	8,443.00	105.809	SF
AG 32-65D - OH - OH	6,824.10	6,456.11	7,837.59	7,767.80	112.303	CC, ES
AG 32-65D - OH - OH	7,200.00	6,780.52	7,941.29	7,869.21	110.174	SF
AG 33-11D - OH - OH	6,870.74	6,940.28	5,861.31	5,790.27	82.505	CC, ES
AG 33-11D - OH - OH	7,100.00	7,056.62	5,902.24	5,829.92	81.612	SF
ARNBRECHT #1-27 - OH - OH	11,135.51	7,148.74	773.69	404.99	2.098	CC, ES, SF
ARNBRECHT #2-27 - OH - OH	9,657.15	7,140.30	795.22	465.20	2.410	CC, ES
ARNBRECHT #2-27 - OH - OH	9,700.00	7,140.58	796.37	465.76	2.409	SF
Beebe 10N-29B-L - OH - Plan #2	586.90	593.06	400.84	392.81	49.937	CC
Beebe 10N-29B-L - OH - Plan #2	600.00	606.71	400.85	392.75	49.519	ES
Beebe 10N-29B-L - OH - Plan #2	7,541.91	7,862.11	496.73	408.85	5.652	SF
Beebe 10N-29C-L - OH - Plan #2	579.21	584.31	403.09	395.11	50.480	CC
Beebe 10N-29C-L - OH - Plan #2	600.00	605.69	403.12	395.03	49.820	ES
Beebe 10N-29C-L - OH - Plan #2	8,064.61	7,456.32	695.74	606.92	7.833	SF
Beebe 11C-26-M - OH - Plan #2	400.00	400.00	40.06	32.86	5.566	CC, ES
Beebe 11C-26-M - OH - Plan #2	14,458.56	14,559.40	505.95	81.59	1.192	Level 2, SF
Beebe 11N-26A-M - OH - Plan #2	303.45	303.45	59.75	52.86	8.669	CC, ES
Beebe 11N-26A-M - OH - Plan #2	14,456.19	14,334.21	743.04	347.49	1.879	SF
Beebe 11N-26C-M - OH - Plan #2	300.00	300.00	79.79	72.90	11.592	CC, ES
Beebe 11N-26C-M - OH - Plan #2	14,465.60	14,565.30	857.50	434.80	2.029	SF
Beebe 14C-26-M - OH - Plan #2	500.00	501.00	40.07	32.12	5.039	CC, ES
Beebe 14C-26-M - OH - Plan #2	14,465.60	14,413.57	553.23	128.55	1.303	Level 3, SF
Beebe 14N-26B-M - OH - Plan #2	500.00	501.00	20.03	12.94	2.823	CC
Beebe 14N-26B-M - OH - Plan #2	14,465.60	14,257.47	289.34	-49.84	0.853	Level 1, ES, SF
Beebe 15C-29-L - OH - Plan #2	500.00	503.00	401.98	394.88	56.603	CC

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

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Site Error:	3.28 ft	North Reference:	True
Reference Well:	Beebe 23C-26-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 ft	Output errors are at	2.45 sigma
Reference Wellbore	OH	Database:	EDM 5000.14 Single User Db
Reference Design:	Plan #2	Offset TVD Reference:	Offset Datum

Summary

Site Name	Reference Measured Depth (ft)	Offset Measured Depth (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Separation Factor	Warning
Offset Well - Wellbore - Design						
Beebe 3-34 Pad						
Beebe 15C-29-L - OH - Plan # 2	7,567.80	7,829.86	409.59	324.40	4.808	ES, SF
Beebe 15N-29B-L - OH - Plan #2	7,346.34	7,861.04	157.65	71.33	1.826	CC
Beebe 15N-29B-L - OH - Plan #2	7,350.00	7,858.62	157.68	71.31	1.826	ES, SF
Beebe 23C-29-L - OH - Plan #2	7,998.94	7,526.40	244.29	156.98	2.798	CC, ES, SF
Beebe 23N-26C-M - OH - Plan #2	403.78	403.78	20.04	13.36	3.003	CC
Beebe 23N-26C-M - OH - Plan #2	14,465.60	14,409.26	247.52	-143.72	0.633	Level 1, ES, SF
Beebe 23N-29A-L - OH - Plan #2	7,250.00	7,846.91	92.53	5.20	1.060	Level 2, ES, SF
Beebe 23N-29A-L - OH - Plan #2	7,253.20	7,845.18	92.49	5.25	1.060	Level 2, CC
Beebe 25C-26-M - OH - Plan #2	203.38	203.38	99.82	93.73	16.405	CC, ES
Beebe 25C-26-M - OH - Plan #2	14,451.14	14,737.48	1,125.28	700.56	2.649	SF
Beebe 25C-29-L - OH - Plan #2	365.77	363.86	417.60	411.08	64.007	CC
Beebe 25C-29-L - OH - Plan #2	500.00	497.42	417.74	410.65	58.938	ES
Beebe 25C-29-L - OH - Plan #2	8,500.00	7,197.39	1,256.01	1,162.74	13.467	SF
Beebe 25N-26B-M - OH - Plan #2	200.00	200.00	119.84	113.76	19.715	CC, ES
Beebe 25N-26B-M - OH - Plan #2	14,465.60	14,646.85	1,375.50	952.68	3.253	SF
Beebe 25N-29A-L - OH - Plan #2	558.12	561.18	406.41	399.02	54.990	CC
Beebe 25N-29A-L - OH - Plan #2	600.00	603.69	406.56	398.95	53.388	ES
Beebe 25N-29A-L - OH - Plan #2	7,450.00	7,958.99	942.98	853.40	10.527	SF
Beebe 25N-29C-L - OH - Plan #2	525.43	525.78	411.43	404.21	57.002	CC, ES
Beebe 25N-29C-L - OH - Plan #2	8,300.00	7,263.78	1,095.34	1,004.25	12.024	SF
Beebe 36C-26-M - OH - Plan #2	500.00	501.00	80.15	73.05	11.294	CC, ES
Beebe 36C-26-M - OH - Plan #2	14,465.60	14,360.35	904.13	479.69	2.130	SF
Beebe 36C-29-L - OH - Plan #2	500.00	503.00	412.28	405.18	58.052	CC, ES
Beebe 36C-29-L - OH - Plan #2	7,400.00	7,905.13	1,060.56	976.13	12.561	SF
Beebe 36N-26B-M - OH - Plan #2	500.00	501.00	60.11	53.02	8.470	CC, ES
Beebe 36N-26B-M - OH - Plan #2	14,465.60	14,219.52	605.25	200.02	1.494	Level 3, SF
Beebe 36N-26C-M - OH - Plan #2	500.00	501.00	100.18	93.08	14.116	CC, ES
Beebe 36N-26C-M - OH - Plan #2	14,465.60	14,239.18	1,134.68	712.84	2.690	SF
Beebe 36N-29B-L - OH - Plan #2	500.00	503.00	407.98	400.88	57.447	CC, ES
Beebe 36N-29B-L - OH - Plan #2	7,200.00	7,848.59	801.81	716.67	9.417	SF
Beebe 36N-29C-L - OH - Plan #2	500.00	503.00	404.36	397.26	56.938	CC, ES
Beebe 36N-29C-L - OH - Plan #2	7,314.70	7,876.63	604.41	519.13	7.087	SF
BROWN, H I #1-27 - OH - OH	9,618.59	7,123.06	627.61	299.15	1.911	CC, ES, SF
BROWN, H I #3-27 - OH - OH	11,069.95	7,132.32	375.69	9.31	1.025	Level 2, CC, ES, SF
BROWN, H I #4-27 - OH - OH	8,470.77	7,123.73	396.94	96.23	1.320	Level 3, CC, ES
BROWN, H I #4-27 - OH - OH	8,500.00	7,123.92	398.02	96.23	1.319	Level 3, SF
BROWN, H. I. #2-27 - OH - OH	8,642.57	7,126.83	787.97	481.90	2.574	CC, ES, SF
BROWN-DAVEE #1-34 - OH - OH	10,921.62	7,113.39	1,891.80	1,746.28	13.000	CC
BROWN-DAVEE #1-34 - OH - OH	11,000.00	7,114.85	1,893.43	1,745.63	12.811	ES
BROWN-DAVEE #1-34 - OH - OH	11,300.00	7,100.00	1,929.36	1,774.79	12.482	SF
BUXMAN I #26-6 - OH - OH	13,802.02	7,146.76	1,982.88	1,541.24	4.490	CC, ES
BUXMAN I #26-6 - OH - OH	14,000.00	7,148.03	1,992.74	1,547.08	4.471	SF
BUXMAN, H #2-27 - OH - OH	7,326.13	6,905.16	875.47	598.61	3.162	CC, ES
BUXMAN, H #2-27 - OH - OH	7,400.00	6,947.58	878.59	600.32	3.157	SF
BUXMAN, H. #1-27 - OH - OH	6,344.21	5,987.08	345.41	100.40	1.410	Level 3, CC
BUXMAN, H. #1-27 - OH - OH	6,500.00	6,132.80	349.78	98.72	1.393	Level 3, ES, SF
CROISSANT #1-27 - OH - OH	7,482.09	7,004.18	2,105.56	1,823.26	7.459	CC
CROISSANT #1-27 - OH - OH	7,500.00	7,014.38	2,105.69	1,822.95	7.448	ES
CROISSANT #1-27 - OH - OH	7,650.00	7,083.40	2,117.37	1,831.43	7.405	SF
DOERING #28-10 - OH - OH	6,945.02	6,562.59	3,101.09	2,839.35	11.848	CC
DOERING #28-10 - OH - OH	6,950.00	6,567.40	3,101.11	2,839.18	11.839	ES
DOERING #28-10 - OH - OH	7,200.00	6,801.91	3,149.90	2,879.05	11.630	SF
DOERING #28-16 - OH - OH	6,835.46	6,424.75	1,319.16	1,253.41	20.063	CC, ES

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Summary

Site Name	Reference Measured Depth (ft)	Offset Measured Depth (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Separation Factor	Warning
Offset Well - Wellbore - Design						
Beebe 3-34 Pad						
DOERING #28-16 - OH - OH	6,950.00	6,533.61	1,329.55	1,262.73	19.896	SF
DOERING 1 #28-23 - OH - OH	6,902.22	6,486.24	2,136.95	2,073.61	33.736	CC, ES
DOERING 1 #28-23 - OH - OH	7,050.00	6,630.17	2,154.23	2,089.66	33.365	SF
DOERING, G W #2-28 - OH - OH	7,038.61	6,654.06	1,680.63	1,416.38	6.360	CC
DOERING, G W #2-28 - OH - OH	7,050.00	6,664.78	1,680.71	1,416.05	6.351	ES
DOERING, G W #2-28 - OH - OH	7,200.00	6,800.09	1,697.02	1,427.25	6.291	SF
EDITH #1-26 (150) - OH - OH	12,684.24	7,156.63	455.40	44.32	1.108	Level 2, CC
EDITH #1-26 (150) - OH - OH	12,700.00	7,156.73	455.68	44.04	1.107	Level 2, ES, SF
FEIT #26-10G6 - OH - OH	14,465.60	7,151.00	1,152.39	776.63	3.067	CC, ES, SF
FEIT BROTHERS #1-26 - OH - OH	14,465.60	7,050.00	1,014.95	850.02	6.154	CC, ES, SF
FEIT BROTHERS #2-27 (150) - OH - OH	9,818.39	6,925.00	2,041.26	1,925.00	17.557	CC
FEIT BROTHERS #2-27 (150) - OH - OH	9,900.00	6,925.00	2,042.90	1,924.90	17.314	ES
FEIT BROTHERS #2-27 (150) - OH - OH	10,300.00	6,925.00	2,097.31	1,972.50	16.804	SF
FEUERSTEIN #1 (150) - OH - OH	6,909.24	6,109.02	6,713.98	6,466.75	27.157	CC, ES
FEUERSTEIN #1 (150) - OH - OH	7,350.00	6,480.49	6,860.62	6,599.57	26.281	SF
Feuerstein #128-63-1HN - OH - OH	7,157.00	11,288.00	1,552.67	1,483.91	22.582	CC, ES
Feuerstein #128-63-1HN - OH - OH	7,250.00	11,288.00	1,562.12	1,492.26	22.359	SF
Feuerstein #129-63HN - OH - OH	6,865.83	6,262.64	6,011.87	5,948.23	94.457	CC, ES
Feuerstein #129-63HN - OH - OH	7,050.00	6,316.00	6,040.57	5,975.93	93.453	SF
FEUERSTEIN #128-64-1HC - OH - OH	7,100.00	11,196.00	1,519.51	1,421.45	15.496	SF
FEUERSTEIN #128-64-1HC - OH - OH	7,115.46	11,196.00	1,519.25	1,421.31	15.511	CC, ES
FEURSTEIN #44-29 (1150) - OH - OH	6,881.00	6,509.62	6,578.33	6,315.83	25.060	CC
FEURSTEIN #44-29 (1150) - OH - OH	6,900.00	6,528.03	6,578.62	6,315.38	24.992	ES
FEURSTEIN #44-29 (1150) - OH - OH	7,350.00	6,926.49	6,743.80	6,465.77	24.256	SF
G W DOERING #1-28 - OH - OH	6,864.30	6,482.45	2,992.04	2,729.73	11.407	CC
G W DOERING #1-28 - OH - OH	6,900.00	6,517.03	2,993.04	2,729.35	11.350	ES
G W DOERING #1-28 - OH - OH	7,100.00	6,707.21	3,035.04	2,764.03	11.199	SF
GOETZEL #1-29 - OH - OH	6,919.21	6,420.70	8,364.83	8,302.43	134.069	CC, ES
GOETZEL #1-29 - OH - OH	7,500.00	7,500.00	8,609.30	8,541.49	126.956	SF
GOETZEL #3-29 - OH - OH	6,875.31	6,509.01	8,221.01	8,155.98	126.410	CC, ES
GOETZEL #3-29 - OH - OH	7,350.00	7,350.00	8,390.75	8,321.13	120.539	SF
GOETZEL 12N-30A-M - OH - Design #1	6,876.72	6,350.00	8,145.19	8,081.00	126.890	CC, ES
GOETZEL 12N-30A-M - OH - Design #1	7,050.00	6,350.00	8,170.31	8,105.51	126.101	SF
GOETZEL 12N-30B-M - OH - Design #1	6,880.54	6,450.00	8,128.88	8,063.45	124.249	CC, ES
GOETZEL 12N-30B-M - OH - Design #1	7,050.00	6,450.00	8,152.96	8,086.93	123.485	SF
GOETZEL 12N-30C-M - OH - Design #1	6,891.23	6,500.00	8,158.41	8,093.70	126.078	CC, ES
GOETZEL 12N-30C-M - OH - Design #1	7,050.00	6,500.00	8,179.48	8,114.21	125.320	SF
GOETZEL 13C-30-M - OH - Design #1	6,869.44	6,700.00	8,125.87	8,052.39	110.600	CC, ES
GOETZEL 13C-30-M - OH - Design #1	7,050.00	6,700.00	8,153.20	8,079.06	109.972	SF
GOETZEL 13N-30A-M - OH - Design #1	6,856.39	6,400.00	8,122.72	8,052.86	116.273	CC, ES
GOETZEL 13N-30A-M - OH - Design #1	7,050.00	6,400.00	8,154.16	8,083.61	115.588	SF
GOETZEL 32C-30-M2 - OH - Design #1	6,904.47	6,600.00	8,203.03	8,137.75	125.661	CC, ES
GOETZEL 32C-30-M2 - OH - Design #1	7,100.00	6,650.00	8,234.40	8,168.30	124.577	SF
GOETZEL 32N-30B-M - OH - Design #1	6,889.88	6,450.00	8,182.52	8,118.18	127.174	CC, ES
GOETZEL 32N-30B-M - OH - Design #1	7,100.00	6,500.00	8,218.82	8,153.63	126.074	SF
GOETZEL 33C-30-M - OH - Design #1	6,886.93	6,600.00	8,113.36	8,046.38	121.123	CC, ES
GOETZEL 33C-30-M - OH - Design #1	7,050.00	6,600.00	8,135.71	8,068.13	120.394	SF
GOETZEL 33N-30B-M - OH - Design #1	6,868.96	6,450.00	8,109.83	8,042.01	119.591	CC, ES
GOETZEL 33N-30B-M - OH - Design #1	7,050.00	6,500.00	8,136.85	8,068.18	118.479	SF
GOETZEL 34C-30-M - OH - Design #1	6,862.89	6,750.00	8,154.11	8,077.46	106.375	CC, ES
GOETZEL 34C-30-M - OH - Design #1	7,050.00	6,750.00	8,183.37	8,106.02	105.798	SF
GOETZEL 34N-30C-M - OH - Design #1	6,858.85	6,625.83	8,142.91	8,068.24	109.059	CC, ES
GOETZEL 34N-30C-M - OH - Design #1	7,050.00	6,650.00	8,173.44	8,097.94	108.261	SF

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Reference Design:	Plan #2	Offset TVD Reference:	Offset Datum

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Offset Well - Wellbore - Design						
Beebe 3-34 Pad						
HD FEIT #1-26 - OH - OH	12,482.81	7,220.00	2,107.37	1,702.38	5.203	CC
HD FEIT #1-26 - OH - OH	12,500.00	7,220.00	2,107.44	1,702.03	5.198	ES
HD FEIT #1-26 - OH - OH	12,700.00	7,220.00	2,118.53	1,708.98	5.173	SF
IRVING #1-26 (150) - OH - OH	12,676.46	7,156.58	961.34	550.47	2.340	CC
IRVING #1-26 (150) - OH - OH	12,700.00	7,156.73	961.63	550.30	2.338	ES, SF
IRVING #5 (150) - OH - Plan (Plan Assumed MWD Tool	12,982.79	6,767.41	468.83	388.28	5.821	CC
IRVING #5 (150) - OH - Plan (Plan Assumed MWD Tool	13,000.00	6,767.41	469.14	388.12	5.790	ES
IRVING #5 (150) - OH - Plan (Plan Assumed MWD Tool	13,100.00	6,767.41	483.26	398.58	5.707	SF
JONES, WALTER #1-26 - OH - OH	14,465.60	7,153.00	2,226.37	1,776.24	4.946	CC, ES, SF
LOWELL-PAUL DAIRY #1-33 - OH - OH	6,414.52	6,042.85	2,120.95	2,079.49	51.158	CC
LOWELL-PAUL DAIRY #1-33 - OH - OH	6,500.00	6,122.80	2,121.17	2,079.14	50.474	ES
LOWELL-PAUL DAIRY #1-33 - OH - OH	6,900.00	6,501.03	2,143.68	2,099.29	48.291	SF
MCKAY LAND & CATTLE CO #1 - OH - OH	6,922.80	6,549.11	4,168.33	3,906.31	15.908	CC
MCKAY LAND & CATTLE CO #1 - OH - OH	6,950.00	6,575.40	4,168.91	3,905.85	15.848	ES
MCKAY LAND & CATTLE CO #1 - OH - OH	7,250.00	6,848.01	4,250.08	3,976.77	15.551	SF
PAYNE #2-26 (150) - OH - OH	13,543.86	7,149.12	407.27	-27.29	0.937	Level 1, CC, ES, SF
RONALD #1-28 (150) - OH - OH	7,012.58	6,649.40	3,514.61	3,250.66	13.316	CC
RONALD #1-28 (150) - OH - OH	7,050.00	6,684.78	3,515.51	3,250.21	13.251	ES
RONALD #1-28 (150) - OH - OH	7,300.00	6,901.89	3,567.83	3,294.36	13.046	SF
RUSTY #1-26 (150) - OH - OH	13,922.64	7,128.53	752.41	308.06	1.693	CC, ES, SF
SWANSON #1 (150) - OH - OH	6,951.95	6,581.28	5,817.79	5,555.58	22.188	CC
SWANSON #1 (150) - OH - OH	7,000.00	6,627.41	5,819.50	5,555.50	22.044	ES
SWANSON #1 (150) - OH - OH	7,300.00	6,908.11	5,905.84	5,631.45	21.523	SF
SWANSON #28-23 - OH - OH	6,955.32	6,609.47	6,062.05	5,798.94	23.040	CC, ES
SWANSON #28-23 - OH - OH	7,350.00	6,935.49	6,173.77	5,898.49	22.427	SF
SWANSON #28-24 - OH - OH	6,981.14	6,611.37	4,574.91	4,312.17	17.412	CC
SWANSON #28-24 - OH - OH	7,000.00	6,629.41	4,575.16	4,311.71	17.367	ES
SWANSON #28-24 - OH - OH	7,300.00	6,906.11	4,644.91	4,371.12	16.965	SF
SWANSON #29-14 - OH - OH	6,933.70	6,566.66	7,189.24	6,927.00	27.415	CC
SWANSON #29-14 - OH - OH	6,950.00	6,582.40	7,189.44	6,926.58	27.351	ES
SWANSON #29-14 - OH - OH	7,300.00	6,905.11	7,289.23	7,014.39	26.522	SF
TROUDT #2-27 (150) - OH - OH	8,470.82	7,131.73	2,103.65	1,800.89	6.948	CC
TROUDT #2-27 (150) - OH - OH	8,500.00	7,131.92	2,103.86	1,800.63	6.938	ES
TROUDT #2-27 (150) - OH - OH	8,700.00	7,133.19	2,116.10	1,809.68	6.906	SF

Company:	Synergy Resources Corporation	Local Co-ordinate Reference:	Well Beebe 23C-26-M
Project:	SEC. 34-T6N-R66W	TVD Reference:	GL 4702 & KB 25 @ 4727.00ft
Reference Site:	Beebe 3-34 Pad	MD Reference:	GL 4702 & KB 25 @ 4727.00ft
Site Error:	3.28 ft	North Reference:	True
Reference Well:	Beebe 23C-26-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 ft	Output errors are at	2.45 sigma
Reference Wellbore	OH	Database:	EDM 5000.14 Single User Db
Reference Design:	Plan #2	Offset TVD Reference:	Offset Datum

Reference Depths are relative to GL 4702 & KB 25 @ 4727.00ft

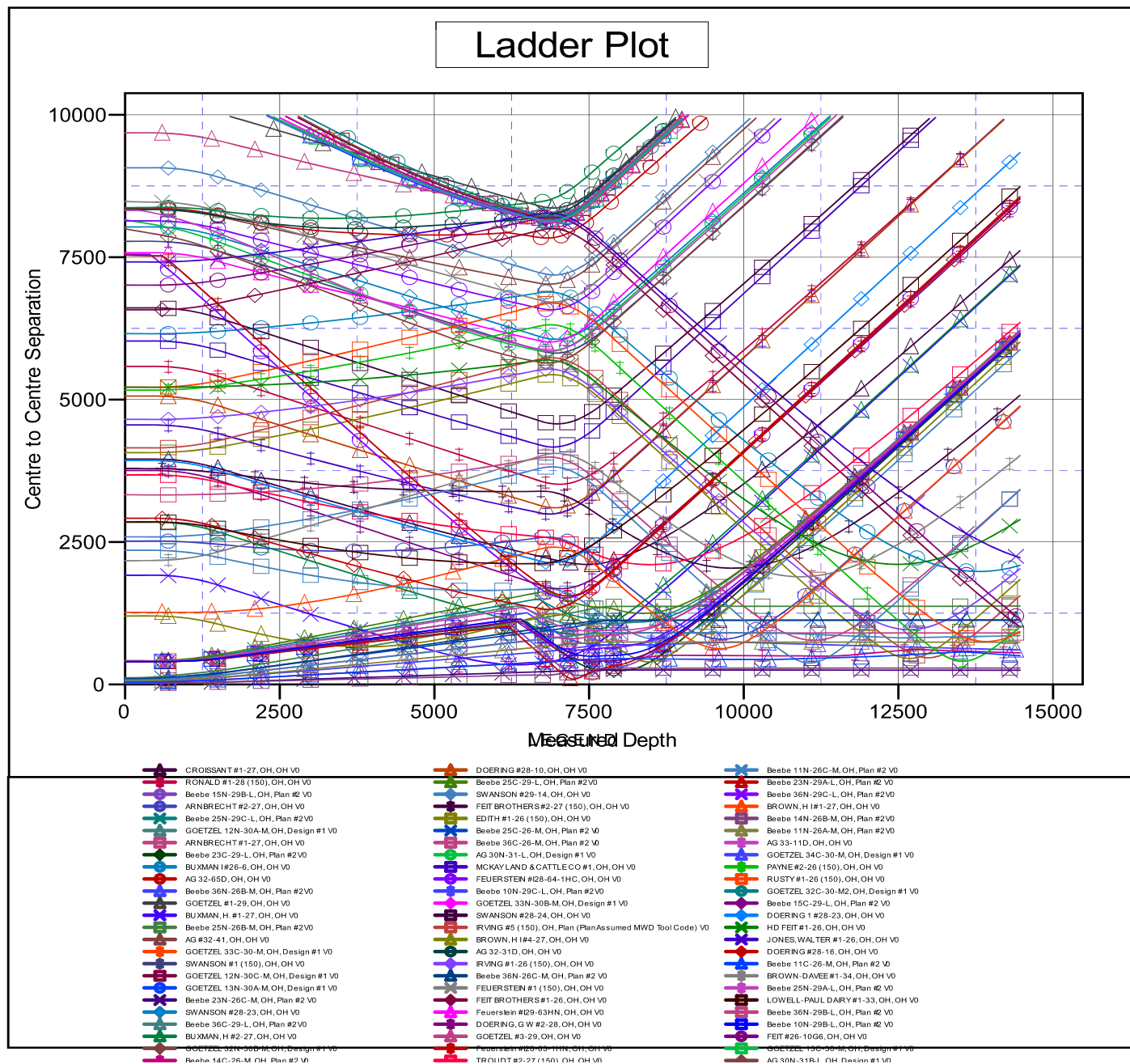
Offset Depths are relative to Offset Datum

Central Meridian is -105.5000000

Coordinates are relative to: Beebe 23C-26-M

Coordinate System is US State Plane 1983, Colorado Northern Zone

Grid Convergence at Surface is: 0.47°



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

Company: Synergy Resources Corporation
Project: SEC. 34-T6N-R66W
Reference Site: Beebe 3-34 Pad
Site Error: 3.28 ft
Reference Well: Beebe 23C-26-M
Well Error: 3.28 ft
Reference Wellbore: OH
Reference Design: Plan #2

Local Co-ordinate Reference: Well Beebe 23C-26-M
TVD Reference: GL 4702 & KB 25 @ 4727.00ft
MD Reference: GL 4702 & KB 25 @ 4727.00ft
North Reference: True
Survey Calculation Method: Minimum Curvature
Output errors are at 2.45 sigma
Database: EDM 5000.14 Single User Db
Offset TVD Reference: Offset Datum

Reference Depths are relative to GL 4702 & KB 25 @ 4727.00ft

Offset Depths are relative to Offset Datum

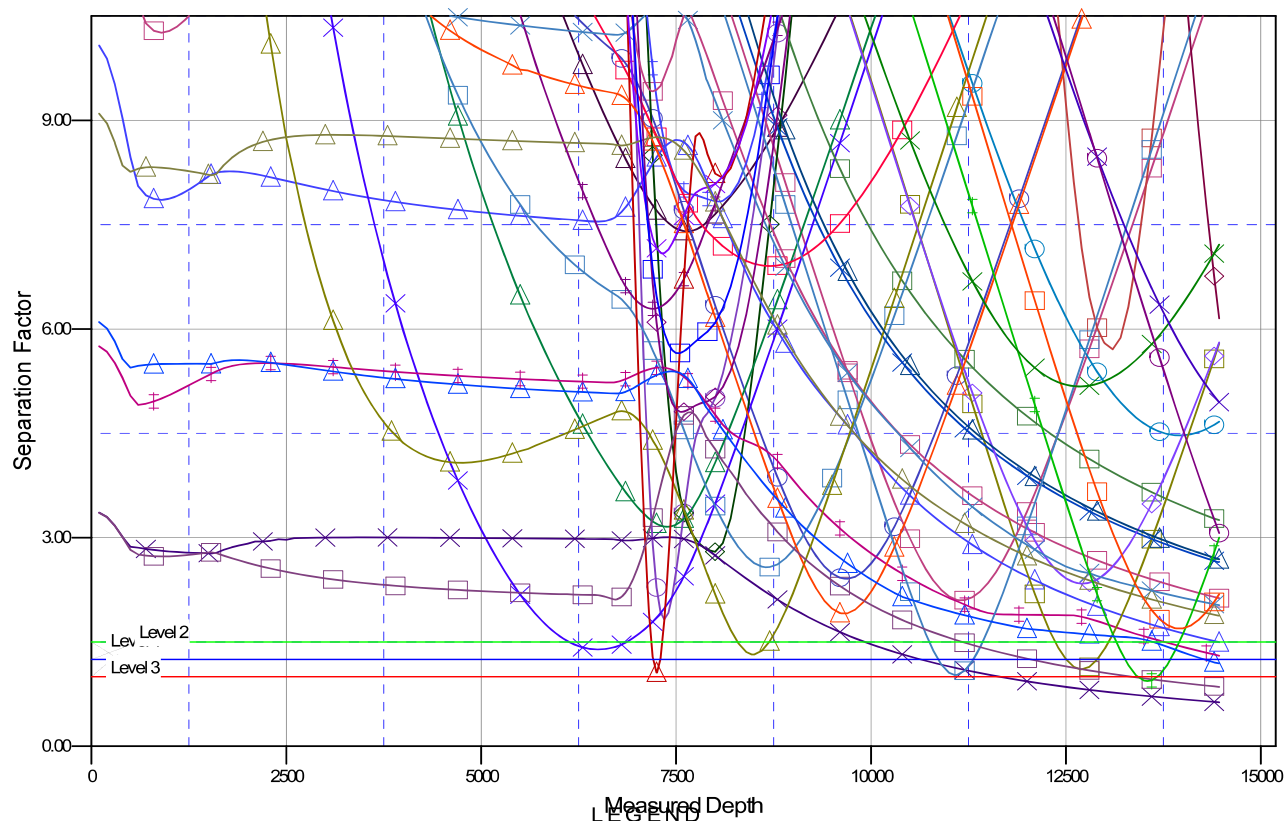
Central Meridian is -105.5000000

Coordinates are relative to: Beebe 23C-26-M

Coordinate System is US State Plane 1983, Colorado Northern Zone

Grid Convergence at Surface is: 0.47°

Separation Factor Plot



CROISSANT #1-27, OH, OH V0
 RONALD #1-28 (150), OH, OH V0
 Beebe 15N-29B-L, OH, Plan #2 V0
 ARNBRECHT #2-27, OH, OH V0
 Beebe 25N-29C-L, OH, Plan #2 V0
 GOETZEL 12N-30A-M, OH, Design #1 V0
 ARNBRECHT #1-27, OH, OH V0
 Beebe 23C-29-L, OH, Plan #2 V0
 BUXMAN #26-6, OH, OH V0
 AG 32-65D, OH, OH V0
 Beebe 36N-26B-M, OH, Plan #2 V0
 GOETZEL #1-29, OH, OH V0
 BUXMAN, H #1-27, OH, OH V0
 Beebe 25N-26B-M, OH, Plan #2 V0
 AG 32-41, OH, OH V0
 GOETZEL 33C-30-M, OH, Design #1 V0
 SWANSON #1 (150), OH, OH V0
 GOETZEL 12N-30C-M, OH, Design #1 V0
 GOETZEL 13N-30A-M, OH, Design #1 V0
 Beebe 23N-26C-M, OH, Plan #2 V0
 SWANSON #28-23, OH, OH V0
 Beebe 36C-29-L, OH, Plan #2 V0
 BUXMAN, H #2-27, OH, OH V0
 GOETZEL 32N-30B-M, OH, Design #1 V0
 Beebe 14C-26-M, OH, Plan #2 V0
 DOERING #28-10, OH, OH V0
 Beebe 25C-29-L, OH, Plan #2 V0
 SWANSON #29-14, OH, OH V0
 FEIT BROTHERS #2-27 (150), OH, OH V0
 EDITH #1-26 (150), OH, OH V0
 Beebe 25C-26-M, OH, Plan #2 V0
 Beebe 36C-26-M, OH, Plan #2 V0
 AG 30N-31-L, OH, Design #1 V0
 MCKAY LAND & CATTLECO #1, OH, OH V0
 FEUERSTEIN #28-64-1HC, OH, OH V0
 Beebe 10N-29C-L, OH, Plan #2 V0
 GOETZEL 33N-30B-M, OH, Design #1 V0
 SWANSON #28-24, OH, OH V0
 IRVING #5 (150), OH, Plan (Plan Assumed MWD Tool Code) V0
 BROWN, H #4-27, OH, OH V0
 AG 32-31D, OH, OH V0
 IRVING #1-26 (150), OH, OH V0
 Beebe 36N-26C-M, OH, Plan #2 V0
 FEUERSTEIN #1 (150), OH, OH V0
 FEIT BROTHERS #1-26, OH, OH V0
 Feuerstein #129-63HN, OH, OH V0
 DOERING, G W #2-28, OH, OH V0
 GOETZEL #3-29, OH, OH V0
 Feuerstein #28-63-1HN, OH, OH V0
 TRUJILLO #2-27 (150), OH, OH V0
 Beebe 11N-26C-M, OH, Plan #2 V0
 Beebe 23N-29A-L, OH, Plan #2 V0
 Beebe 36N-29C-L, OH, Plan #2 V0
 BROWN, H #1-27, OH, OH V0
 Beebe 14N-26B-M, OH, Plan #2 V0
 Beebe 11N-26A-M, OH, Plan #2 V0
 AG 33-11D, OH, OH V0
 GOETZEL 34C-30-M, OH, Design #1 V0
 PAYNE #2-26 (150), OH, OH V0
 RUSTY #1-26 (150), OH, OH V0
 GOETZEL 32C-30-M2, OH, Design #1 V0
 Beebe 15C-29-L, OH, Plan #2 V0
 DOERING 1 #28-23, OH, OH V0
 HD FEIT #1-26, OH, OH V0
 JONES, WALTER #1-26, OH, OH V0
 DOERING #28-16, OH, OH V0
 Beebe 11C-26-M, OH, Plan #2 V0
 BROWN-DAVEE #1-34, OH, OH V0
 Beebe 25N-29A-L, OH, Plan #2 V0
 LOWELL-PAUL DAIRY #1-33, OH, OH V0
 Beebe 36N-29B-L, OH, Plan #2 V0
 Beebe 10N-29B-L, OH, Plan #2 V0
 FEIT #26-106G, OH, OH V0
 GOETZEL 15C-30-M, OH, Design #1 V0
 AG 30N-31-L, OH, Design #1 V0