



PHOENIX

TECHNOLOGY SERVICES USA INC.

3610 Elkins Road, Midland, Texas 79705 T. 432.684.0057 F. 432.686.7964 www.phxtech.com

Celebrating 20 Years of Focused Solutions

May 29, 2018

Oil Conservation Division
State of New Mexico
811 S. First St.
Artesia, New Mexico 88210

RECEIVED

JUN 18 2018

Dear District 2 - Artesia

DISTRICT II-ARTESIA O.C.D.

Attention: Regulatory Department

Re: Legacy Reserves
BTBN 25 Federal No. 2
Eddy County, NM
API #30-015-29551
Job No. 62882

Enclosed please find the Survey Data Certification, and the original Plat and one copy of the Survey Report performed on the above referenced Well by Phoenix Technology Services, Inc. (P-5 No. 664171). Other information required by your office is as follows:

Name & Title of Surveyor	Drain Hole Number	Surveyed Depths		Dates Performed		Type of Survey
		From	To	Start	End	
Andy Askew	2	0	7,024	5/24/18	5/24/18	Gyro

A certified plat on which the bottom hole location is oriented both to the surface location and to the lease lines (or unit lines in case of pooling) is attached to the survey report. If any other information is required, please contact the undersigned at the letterhead address and phone number.

Best Regards,

Brittany Carley

Brittany Carley
Operations Administrator

SURVEY CERTIFICATION FORM

3610 Elkins Road Midland, TX 79705 t:432-684-0057 f: 432-686-7964



Company: Legacy

Job #: 62882

Well Name: BTBN 25 Federal No.2

County/State: Eddy Co., New Mexico

Survey Instrument Type: North Seek Rate Gyro

API #: 30-015-29551

TIE-IN DATA

Measure Depth (ft)	Vertical Depth (ft)	Inclination (°)	Azimuth (°)	N-S Coordinates	E-W Coordinates	Data Source
0	0	0	0	0	0	Surface

First Survey

Date	Depth (ft)	Inclination (°)	Azimuth (°)
2018-05-24	0	0	0

Last Survey

Date	Depth (ft)	Inclination (°)	Azimuth (°)
2018-05-24	7024	1.44	161.32

Projected TD Survey

Date	Depth (ft)	Inclination (°)	Azimuth (°)
0	0	0	0

Grid Correction
-0.32

Gyro Operator: Phoenix Technology Services USA Ltd.

Gyro Supervisor: Angel Guebara

To the best of my knowledge I certify this survey data to be correct and true

Date: 2018-05-24

Print Name: Andy Askew

Signature:



Company: Legacy
 Well: BTBN 25 Federal No. 2
 Location: Eddy Co., New Mexico
 Rig: Mast Unit

Job Number: 62882
 Grid Corr.: -0.32
 Lat: 32.19
 Long: -103.72

Date: 05-24-18
 Calculation Method: Minimum Curvature
 Proposed Azimuth:
 RKB - MSL in feet: Ground
 Tie Into: Surface

Survey Tool Type	Survey Depth (ft)	Inclination (deg)	Azimuth (deg)	Course Length (ft)	True Vertical Depth (ft)	Vertical Section (ft)	Coordinates		Closure		Dogleg Severity (d/100')	Build Rate (d/100')	Walk Rate (d/100')
							N/S (ft)	E/W (ft)	Distance (ft)	Angle (deg)			
Enter Tie-In Survey on Line 10					FIELD COPY, NON-DEFINITIVE								
TIE IN	0			0	0	0	0	0					
Gyro	100.00	0.94	152.63	100	100.00	-0.73	0.73 S	0.38 E	0.82	152.63	0.94	0.94	152.63
	125.00	0.98	145.73	25	124.99	-1.09	1.09 S	0.59 E	1.24	151.44	0.49	0.16	-27.60
	150.00	0.99	150.53	25	149.99	-1.45	1.45 S	0.82 E	1.67	150.59	0.33	0.04	19.20
	175.00	0.90	154.58	25	174.98	-1.82	1.82 S	1.01 E	2.08	150.96	0.45	-0.36	16.20
	200.00	0.98	136.53	25	199.98	-2.15	2.15 S	1.24 E	2.48	150.02	1.22	0.32	-72.20
	225.00	0.95	151.24	25	224.98	-2.49	2.49 S	1.49 E	2.90	149.12	1.00	-0.12	58.84
	250.00	0.93	148.99	25	249.97	-2.84	2.84 S	1.69 E	3.31	149.24	0.17	-0.08	-9.00
	275.00	0.93	150.13	25	274.97	-3.19	3.19 S	1.90 E	3.71	149.28	0.07	0.00	4.56
	300.00	0.81	152.16	25	299.97	-3.52	3.52 S	2.08 E	4.09	149.45	0.50	-0.48	8.12
	325.00	0.93	138.76	25	324.97	-3.83	3.83 S	2.30 E	4.47	149.07	0.94	0.48	-53.60
	350.00	0.91	140.56	25	349.96	-4.14	4.14 S	2.56 E	4.86	148.30	0.14	-0.08	7.20
	375.00	0.85	156.52	25	374.96	-4.46	4.46 S	2.76 E	5.25	148.29	1.01	-0.24	63.84
	400.00	0.81	152.38	25	399.96	-4.79	4.79 S	2.91 E	5.61	148.69	0.29	-0.16	-16.56
	425.00	0.88	153.64	25	424.95	-5.12	5.12 S	3.08 E	5.97	148.96	0.29	0.28	5.04
	450.00	0.91	146.86	25	449.95	-5.46	5.46 S	3.27 E	6.36	149.04	0.44	0.12	-27.12
	475.00	0.97	150.57	25	474.95	-5.81	5.81 S	3.49 E	6.77	149.02	0.34	0.24	14.84
	500.00	1.06	151.16	25	499.94	-6.19	6.19 S	3.70 E	7.21	149.14	0.36	0.36	2.36
	525.00	0.99	155.28	25	524.94	-6.59	6.59 S	3.90 E	7.66	149.37	0.41	-0.28	16.48
	550.00	1.13	154.86	25	549.94	-7.01	7.01 S	4.10 E	8.12	149.69	0.56	0.56	-1.68
	575.00	0.96	156.21	25	574.93	-7.43	7.43 S	4.29 E	8.57	150.00	0.69	-0.68	5.40
	600.00	1.03	158.67	25	599.93	-7.83	7.83 S	4.45 E	9.01	150.36	0.33	0.28	9.84
	625.00	0.91	157.82	25	624.92	-8.22	8.22 S	4.61 E	9.42	150.71	0.48	-0.48	-3.40
	650.00	1.08	155.77	25	649.92	-8.62	8.62 S	4.78 E	9.86	150.98	0.69	0.68	-8.20
	675.00	1.07	163.95	25	674.92	-9.06	9.06 S	4.94 E	10.32	151.38	0.61	-0.04	32.72
	700.00	1.08	160.52	25	699.91	-9.50	9.50 S	5.09 E	10.78	151.85	0.26	0.04	-13.72
	725.00	1.15	157.49	25	724.91	-9.96	9.96 S	5.26 E	11.26	152.15	0.37	0.28	-12.12
	750.00	1.21	156.54	25	749.90	-10.43	10.43 S	5.46 E	11.78	152.36	0.25	0.24	-3.80
	775.00	1.32	156.10	25	774.90	-10.94	10.94 S	5.68 E	12.33	152.54	0.44	0.44	-1.76



Company:	Legacy
Well:	BTBN 25 Federal No. 2
Location:	Eddy Co., New Mexico
Rig:	Mast Unit

Job Number:	<u>62882</u>
Grid Corr.:	<u>-0.32</u>
Lat:	<u>32.19</u>
Long:	<u>-103.72</u>

Calculation Method: Minimum Curvature
Proposed Azimuth: _____
RKB - MSL in feet: Ground
Tie Into: _____ Surface

Survey Tool Type	Survey Depth (ft)	Inclina- tion (deg)	Azimuth (deg)	Course Length (ft)	True Vertical Depth (ft)	Vertical Section (ft)	Coordinates		Closure		Dogleg Severity (d/100')	Build Rate (d/100')	Walk Rate (d/100')
							N/S (ft)	E/W (ft)	Distance (ft)	Angle (deg)			
	800.00	1.23	162.13	25	799.89	-11.46	11.46 S	5.88 E	12.88	152.82	0.65	-0.36	24.12
	825.00	1.05	178.56	25	824.88	-11.94	11.94 S	5.97 E	13.35	153.43	1.49	-0.72	65.72
	850.00	1.10	177.61	25	849.88	-12.41	12.41 S	5.99 E	13.78	154.25	0.21	0.20	-3.80
	875.00	1.19	174.82	25	874.87	-12.91	12.91 S	6.02 E	14.24	155.00	0.42	0.36	-11.16
	900.00	1.24	171.68	25	899.87	-13.43	13.43 S	6.08 E	14.75	155.64	0.33	0.20	-12.56
	925.00	1.30	171.21	25	924.86	-13.98	13.98 S	6.17 E	15.28	156.21	0.24	0.24	-1.88
	950.00	1.36	165.20	25	949.86	-14.55	14.55 S	6.28 E	15.85	156.64	0.61	0.24	-24.04
	975.00	1.32	167.31	25	974.85	-15.12	15.12 S	6.42 E	16.42	156.98	0.25	-0.16	8.44
	1000.00	1.29	167.75	25	999.84	-15.67	15.67 S	6.55 E	16.98	157.33	0.13	-0.12	1.76
	1025.00	1.38	168.50	25	1024.84	-16.24	16.24 S	6.67 E	17.56	157.69	0.37	0.36	3.00
	1050.00	1.33	166.89	25	1049.83	-16.82	16.82 S	6.79 E	18.14	158.01	0.25	-0.20	-6.44
	1075.00	1.26	166.26	25	1074.82	-17.37	17.37 S	6.92 E	18.70	158.27	0.29	-0.28	-2.52
	1100.00	1.31	166.45	25	1099.82	-17.91	17.91 S	7.06 E	19.25	158.50	0.20	0.20	0.76
	1125.00	1.29	164.30	25	1124.81	-18.46	18.46 S	7.20 E	19.82	158.70	0.21	-0.08	-8.60
	1150.00	1.10	156.73	25	1149.80	-18.95	18.95 S	7.37 E	20.34	158.75	0.99	-0.76	-30.28
	1175.00	1.06	170.26	25	1174.80	-19.40	19.40 S	7.50 E	20.80	158.86	1.03	-0.16	54.12
	1200.00	1.29	172.13	25	1199.79	-19.91	19.91 S	7.58 E	21.30	159.16	0.93	0.92	7.48
	1225.00	1.19	161.29	25	1224.79	-20.43	20.43 S	7.70 E	21.84	159.35	1.02	-0.40	-43.36
	1250.00	0.95	162.82	25	1249.78	-20.88	20.88 S	7.85 E	22.30	159.40	0.97	-0.96	6.12
	1275.00	1.03	175.29	25	1274.78	-21.30	21.30 S	7.93 E	22.73	159.59	0.92	0.32	49.88
	1300.00	1.17	166.88	25	1299.78	-21.77	21.77 S	8.00 E	23.20	159.82	0.85	0.56	-33.64
	1325.00	1.04	159.29	25	1324.77	-22.23	22.23 S	8.14 E	23.68	159.89	0.78	-0.52	-30.36
	1350.00	0.92	174.71	25	1349.77	-22.65	22.65 S	8.24 E	24.10	160.00	1.15	-0.48	61.68
	1375.00	1.20	170.63	25	1374.76	-23.10	23.10 S	8.30 E	24.55	160.24	1.16	1.12	-16.32
	1400.00	1.18	159.68	25	1399.76	-23.60	23.60 S	8.43 E	25.06	160.34	0.91	-0.08	-43.80
	1425.00	0.96	160.32	25	1424.75	-24.04	24.04 S	8.59 E	25.53	160.33	0.88	-0.88	2.56
	1450.00	0.93	175.45	25	1449.75	-24.44	24.44 S	8.68 E	25.94	160.45	1.00	-0.12	60.52
	1475.00	1.14	169.91	25	1474.75	-24.89	24.89 S	8.74 E	26.38	160.65	0.93	0.84	-22.16
	1500.00	1.16	160.59	25	1499.74	-25.37	25.37 S	8.87 E	26.88	160.74	0.75	0.08	-37.28
	1525.00	0.87	160.42	25	1524.74	-25.79	25.79 S	9.01 E	27.32	160.73	1.16	-1.16	-0.68
	1550.00	0.77	161.07	25	1549.73	-26.13	26.13 S	9.13 E	27.68	160.73	0.40	-0.40	2.60



Company: Legacy
 Well: BTBN 25 Federal No. 2
 Location: Eddy Co., New Mexico
 Rig: Mast Unit

Job Number: 62882
 Grid Corr.: -0.32
 Lat: 32.19
 Long: -103.72

Calculation Method: Minimum Curvature
 Proposed Azimuth:
 RKB - MSL in feet: Ground
 Tie Into: Surface

Survey Tool Type	Survey Depth (ft)	Inclination (deg)	Azimuth (deg)	Course Length (ft)	True Vertical Depth (ft)	Vertical Section (ft)	Coordinates		Closure		Dogleg Severity (d/100')	Build Rate (d/100')	Walk Rate (d/100')
							N/S (ft)	E/W (ft)	Distance (ft)	Angle (deg)			
	1575.00	0.77	168.46	25	1574.73	-26.45	26.45 S	9.22 E	28.01	160.78	0.40	0.00	29.56
	1600.00	0.90	177.07	25	1599.73	-26.81	26.81 S	9.26 E	28.37	160.94	0.72	0.52	34.44
	1625.00	0.92	164.76	25	1624.73	-27.20	27.20 S	9.33 E	28.76	161.07	0.78	0.08	-49.24
	1650.00	0.74	154.98	25	1649.72	-27.54	27.54 S	9.45 E	29.12	161.06	0.91	-0.72	-39.12
	1675.00	0.66	163.98	25	1674.72	-27.83	27.83 S	9.56 E	29.42	161.05	0.54	-0.32	36.00
	1700.00	0.73	176.20	25	1699.72	-28.12	28.12 S	9.61 E	29.72	161.14	0.65	0.28	48.88
	1725.00	0.79	169.30	25	1724.72	-28.45	28.45 S	9.65 E	30.04	161.27	0.44	0.24	-27.60
	1750.00	0.98	175.55	25	1749.72	-28.83	28.83 S	9.70 E	30.42	161.41	0.85	0.76	25.00
	1775.00	0.41	166.01	25	1774.71	-29.13	29.13 S	9.74 E	30.72	161.52	2.32	-2.28	-38.16
	1800.00	0.61	174.94	25	1799.71	-29.35	29.35 S	9.77 E	30.94	161.59	0.86	0.80	35.72
	1825.00	0.80	165.63	25	1824.71	-29.65	29.65 S	9.82 E	31.24	161.67	0.89	0.76	-37.24
	1850.00	0.72	152.67	25	1849.71	-29.96	29.96 S	9.94 E	31.57	161.65	0.76	-0.32	-51.84
	1875.00	0.54	165.10	25	1874.71	-30.22	30.22 S	10.04 E	31.84	161.62	0.90	-0.72	49.72
	1900.00	0.76	179.73	25	1899.70	-30.50	30.50 S	10.07 E	32.12	161.72	1.10	0.88	58.52
	1925.00	0.48	138.95	25	1924.70	-30.74	30.74 S	10.14 E	32.37	161.74	2.02	-1.12	-163.12
	1950.00	0.52	191.83	25	1949.70	-30.93	30.93 S	10.19 E	32.57	161.77	1.79	0.16	211.52
	1975.00	0.73	173.46	25	1974.70	-31.20	31.20 S	10.18 E	32.82	161.92	1.15	0.84	-73.48
	2000.00	0.58	148.69	25	1999.70	-31.47	31.47 S	10.27 E	33.10	161.93	1.27	-0.60	-99.08
	2025.00	0.31	140.22	25	2024.70	-31.63	31.63 S	10.38 E	33.29	161.84	1.11	-1.08	-33.88
	2050.00	0.46	176.98	25	2049.70	-31.78	31.78 S	10.42 E	33.45	161.84	1.13	0.60	147.04
	2075.00	0.50	170.65	25	2074.70	-31.99	31.99 S	10.45 E	33.65	161.91	0.27	0.16	-25.32
	2100.00	0.53	146.75	25	2099.70	-32.19	32.19 S	10.53 E	33.87	161.89	0.86	0.12	-95.60
	2125.00	0.25	161.14	25	2124.70	-32.34	32.34 S	10.61 E	34.04	161.84	1.18	-1.12	57.56
	2150.00	0.39	180.24	25	2149.70	-32.48	32.48 S	10.63 E	34.17	161.88	0.70	0.56	76.40
	2175.00	0.49	171.12	25	2174.69	-32.67	32.67 S	10.64 E	34.36	161.95	0.49	0.40	-36.48
	2200.00	0.49	146.45	25	2199.69	-32.86	32.86 S	10.72 E	34.57	161.93	0.84	0.00	-98.68
	2225.00	0.30	148.78	25	2224.69	-33.01	33.01 S	10.81 E	34.73	161.86	0.76	-0.76	9.32
	2250.00	0.31	186.46	25	2249.69	-33.13	33.13 S	10.84 E	34.86	161.88	0.79	0.04	150.72
	2275.00	0.43	164.27	25	2274.69	-33.29	33.29 S	10.86 E	35.01	161.94	0.74	0.48	-88.76
	2300.00	0.68	131.60	25	2299.69	-33.48	33.48 S	10.99 E	35.23	161.82	1.57	1.00	-130.68
	2325.00	0.12	245.32	25	2324.69	-33.59	33.59 S	11.08 E	35.37	161.74	2.95	-2.24	454.88



Company: Legacy
Well: BTBN 25 Federal No. 2
Location: Eddy Co., New Mexico
Rig: Mast Unit

Job Number: 62882
Grid Corr.: -0.32
Lat: 32.19
Long: -103.72

Calculation Method: Minimum Curvature
Proposed Azimuth:
RKB - MSL in feet: Ground
Tie Into: Surface

Survey Tool Type	Survey Depth (ft)	Inclination (deg)	Azimuth (deg)	Course Length (ft)	True Vertical Depth (ft)	Vertical Section (ft)	Coordinates		Closure		Dogleg Severity (d/100')	Build Rate (d/100')	Walk Rate (d/100')
							N/S (ft)	E/W (ft)	Distance (ft)	Angle (deg)			
	2350.00	0.43	168.56	25	2349.69	-33.69	33.69 S	11.07 E	35.46	161.80	1.68	1.24	-307.04
	2375.00	0.40	143.07	25	2374.69	-33.85	33.85 S	11.15 E	35.64	161.78	0.74	-0.12	-101.96
	2400.00	0.14	180.69	25	2399.69	-33.95	33.95 S	11.20 E	35.75	161.75	1.21	-1.04	150.48
	2425.00	0.36	185.22	25	2424.69	-34.06	34.06 S	11.19 E	35.85	161.81	0.88	0.88	18.12
	2450.00	0.42	151.80	25	2449.69	-34.22	34.22 S	11.23 E	36.01	161.84	0.93	0.24	-133.68
	2475.00	0.18	143.54	25	2474.69	-34.33	34.33 S	11.29 E	36.14	161.79	0.97	-0.96	-33.04
	2500.00	0.32	194.00	25	2499.69	-34.43	34.43 S	11.30 E	36.24	161.83	0.99	0.56	201.84
	2525.00	0.45	149.69	25	2524.69	-34.58	34.58 S	11.33 E	36.39	161.86	1.26	0.52	-177.24
	2550.00	0.41	109.71	25	2549.69	-34.70	34.70 S	11.47 E	36.54	161.71	1.19	-0.16	-159.92
	2575.00	0.26	148.83	25	2574.69	-34.78	34.78 S	11.58 E	36.65	161.58	1.06	-0.60	156.48
	2600.00	0.50	135.51	25	2599.69	-34.90	34.90 S	11.69 E	36.81	161.49	1.02	0.96	-53.28
	2625.00	0.55	115.02	25	2624.68	-35.03	35.03 S	11.87 E	36.99	161.28	0.77	0.20	-81.96
	2650.00	0.33	113.44	25	2649.68	-35.11	35.11 S	12.05 E	37.12	161.06	0.88	-0.88	-6.32
	2675.00	0.49	139.55	25	2674.68	-35.22	35.22 S	12.18 E	37.27	160.92	0.97	0.64	104.44
	2700.00	0.62	102.01	25	2699.68	-35.33	35.33 S	12.38 E	37.44	160.69	1.51	0.52	-150.16
	2725.00	0.34	85.21	25	2724.68	-35.35	35.35 S	12.59 E	37.53	160.40	1.24	-1.12	-67.20
	2750.00	0.37	128.92	25	2749.68	-35.40	35.40 S	12.73 E	37.61	160.23	1.06	0.12	174.84
	2775.00	0.68	113.92	25	2774.68	-35.51	35.51 S	12.92 E	37.79	160.00	1.35	1.24	-60.00
	2800.00	0.55	94.84	25	2799.68	-35.58	35.58 S	13.18 E	37.94	159.67	0.96	-0.52	-76.32
	2825.00	0.35	130.54	25	2824.68	-35.64	35.64 S	13.36 E	38.06	159.45	1.34	-0.80	142.80
	2850.00	0.60	133.82	25	2849.68	-35.78	35.78 S	13.51 E	38.24	159.31	1.01	1.00	13.12
	2875.00	0.73	106.77	25	2874.67	-35.91	35.91 S	13.76 E	38.46	159.04	1.34	0.52	-108.20
	2900.00	0.43	106.75	25	2899.67	-35.99	35.99 S	14.00 E	38.61	158.75	1.20	-1.20	-0.08
	2925.00	0.42	126.04	25	2924.67	-36.07	36.07 S	14.16 E	38.75	158.56	0.57	-0.04	77.16
	2950.00	0.66	119.40	25	2949.67	-36.19	36.19 S	14.36 E	38.94	158.36	0.99	0.96	-26.56
	2975.00	0.63	98.29	25	2974.67	-36.28	36.28 S	14.62 E	39.12	158.05	0.95	-0.12	-84.44
	3000.00	0.38	142.72	25	2999.67	-36.37	36.37 S	14.81 E	39.27	157.84	1.79	-1.00	177.72
	3025.00	0.59	121.14	25	3024.67	-36.50	36.50 S	14.97 E	39.45	157.70	1.10	0.84	-86.32
	3050.00	0.52	75.76	25	3049.67	-36.54	36.54 S	15.19 E	39.57	157.43	1.73	-0.28	-181.52
	3075.00	0.25	61.00	25	3074.67	-36.49	36.49 S	15.35 E	39.58	157.19	1.14	-1.08	-59.04
	3100.00	0.19	115.07	25	3099.67	-36.48	36.48 S	15.43 E	39.61	157.07	0.83	-0.24	216.28



Company: Legacy
 Well: BTBN 25 Federal No. 2
 Location: Eddy Co., New Mexico
 Rig: Mast Unit

Job Number: 62882
 Grid Corr.: -0.32
 Lat: 32.19
 Long: -103.72

Calculation Method: Minimum Curvature
 Proposed Azimuth:
 RKB - MSL in feet: Ground
 Tie Into: Surface

Survey Tool Type	Survey Depth (ft)	Inclination (deg)	Azimuth (deg)	Course Length (ft)	True Vertical Depth (ft)	Vertical Section (ft)	Coordinates		Closure		Dogleg Severity (d/100')	Build Rate (d/100')	Walk Rate (d/100')
							N/S (ft)	E/W (ft)	Distance (ft)	Angle (deg)			
	3125.00	0.35	63.59	25	3124.67	-36.46	36.46 S	15.54 E	39.63	156.92	1.10	0.64	-205.92
	3150.00	0.35	4.94	25	3149.67	-36.35	36.35 S	15.61 E	39.56	156.76	1.37	0.00	-234.60
	3175.00	0.20	298.68	25	3174.67	-36.25	36.25 S	15.58 E	39.46	156.74	1.30	-0.60	1174.96
	3200.00	0.26	1.32	25	3199.67	-36.18	36.18 S	15.54 E	39.37	156.75	0.98	0.24	-1189.44
	3225.00	0.50	349.79	25	3224.66	-36.01	36.01 S	15.53 E	39.22	156.68	1.00	0.96	1393.88
	3250.00	0.33	321.66	25	3249.66	-35.85	35.85 S	15.46 E	39.04	156.67	1.04	-0.68	-112.52
	3275.00	0.49	278.99	25	3274.66	-35.77	35.77 S	15.31 E	38.91	156.83	1.33	0.64	-170.68
	3300.00	0.21	288.25	25	3299.66	-35.74	35.74 S	15.16 E	38.83	157.01	1.14	-1.12	37.04
	3325.00	0.49	306.83	25	3324.66	-35.67	35.67 S	15.03 E	38.70	157.14	1.19	1.12	74.32
	3350.00	0.27	312.01	25	3349.66	-35.56	35.56 S	14.91 E	38.56	157.26	0.89	-0.88	20.72
	3375.00	0.45	328.99	25	3374.66	-35.44	35.44 S	14.81 E	38.41	157.32	0.83	0.72	67.92
	3400.00	0.54	316.12	25	3399.66	-35.27	35.27 S	14.68 E	38.20	157.40	0.57	0.36	-51.48
	3425.00	0.36	295.07	25	3424.66	-35.15	35.15 S	14.53 E	38.03	157.55	0.97	-0.72	-84.20
	3450.00	0.60	335.17	25	3449.66	-35.00	35.00 S	14.40 E	37.85	157.64	1.60	0.96	160.40
	3475.00	0.73	311.21	25	3474.66	-34.77	34.77 S	14.22 E	37.57	157.75	1.22	0.52	-95.84
	3500.00	0.51	312.62	25	3499.66	-34.59	34.59 S	14.02 E	37.33	157.93	0.88	-0.88	5.64
	3525.00	0.55	335.86	25	3524.65	-34.41	34.41 S	13.89 E	37.11	158.01	0.87	0.16	92.96
	3550.00	0.78	325.78	25	3549.65	-34.16	34.16 S	13.75 E	36.82	158.08	1.03	0.92	-40.32
	3575.00	0.57	309.30	25	3574.65	-33.94	33.94 S	13.56 E	36.55	158.23	1.14	-0.84	-65.92
	3600.00	0.49	337.62	25	3599.65	-33.76	33.76 S	13.42 E	36.33	158.33	1.08	-0.32	113.28
	3625.00	0.81	317.15	25	3624.65	-33.53	33.53 S	13.26 E	36.06	158.43	1.56	1.28	-81.88
	3650.00	0.57	302.72	25	3649.65	-33.34	33.34 S	13.03 E	35.79	158.65	1.18	-0.96	-57.72
	3675.00	0.67	312.61	25	3674.65	-33.17	33.17 S	12.82 E	35.56	158.87	0.58	0.40	39.56
	3700.00	0.94	299.80	25	3699.64	-32.97	32.97 S	12.54 E	35.27	159.18	1.29	1.08	-51.24
	3725.00	0.62	290.73	25	3724.64	-32.82	32.82 S	12.23 E	35.03	159.56	1.37	-1.28	-36.28
	3750.00	0.73	314.96	25	3749.64	-32.66	32.66 S	11.99 E	34.79	159.84	1.21	0.44	96.92
	3775.00	0.95	298.33	25	3774.64	-32.45	32.45 S	11.70 E	34.49	160.18	1.30	0.88	-66.52
	3800.00	0.52	292.24	25	3799.63	-32.31	32.31 S	11.41 E	34.26	160.55	1.75	-1.72	-24.36
	3825.00	0.65	321.39	25	3824.63	-32.15	32.15 S	11.22 E	34.05	160.77	1.28	0.52	116.60
	3850.00	0.66	292.90	25	3849.63	-31.99	31.99 S	10.99 E	33.82	161.03	1.29	0.04	-113.96
	3875.00	0.37	298.78	25	3874.63	-31.89	31.89 S	10.79 E	33.67	161.31	1.18	-1.16	23.52



Company: Legacy
Well: BTBN 25 Federal No. 2
Location: Eddy Co., New Mexico
Rig: Mast Unit

Job Number: 62882
Grid Corr.: -0.32
Lat: 32.19
Long: -103.72

Calculation Method: Minimum Curvature
Proposed Azimuth:
RKB - MSL in feet: Ground
Tie Into: Surface

Survey Tool Type	Survey Depth (ft)	Inclination (deg)	Azimuth (deg)	Course Length (ft)	True Vertical Depth (ft)	Vertical Section (ft)	Coordinates		Closure		Dogleg Severity (d/100')	Build Rate (d/100')	Walk Rate (d/100')
							N/S (ft)	E/W (ft)	Distance (ft)	Angle (deg)			
	3900.00	0.28	327.98	25	3899.63	-31.80	31.80 S	10.69 E	33.55	161.42	0.74	-0.36	116.80
	3925.00	0.16	226.78	25	3924.63	-31.77	31.77 S	10.63 E	33.50	161.50	1.39	-0.48	-404.80
	3950.00	0.24	112.95	25	3949.63	-31.82	31.82 S	10.65 E	33.55	161.49	1.35	0.32	-455.32
	3975.00	0.36	105.64	25	3974.63	-31.86	31.86 S	10.78 E	33.63	161.31	0.50	0.48	-29.24
	4000.00	0.44	159.87	25	3999.63	-31.97	31.97 S	10.89 E	33.77	161.20	1.49	0.32	216.92
	4025.00	0.87	143.09	25	4024.63	-32.21	32.21 S	11.03 E	34.05	161.09	1.87	1.72	-67.12
	4050.00	0.69	124.66	25	4049.62	-32.45	32.45 S	11.27 E	34.35	160.85	1.23	-0.72	-73.72
	4075.00	1.12	117.95	25	4074.62	-32.65	32.65 S	11.61 E	34.65	160.43	1.77	1.72	-26.84
	4100.00	1.07	120.80	25	4099.62	-32.88	32.88 S	12.03 E	35.01	159.91	0.30	-0.20	11.40
	4125.00	1.39	127.68	25	4124.61	-33.19	33.19 S	12.47 E	35.45	159.41	1.41	1.28	27.52
	4150.00	1.39	122.89	25	4149.60	-33.54	33.54 S	12.96 E	35.96	158.87	0.46	0.00	-19.16
	4175.00	1.45	134.54	25	4174.60	-33.93	33.93 S	13.44 E	36.49	158.39	1.18	0.24	46.60
	4200.00	1.79	134.32	25	4199.59	-34.42	34.42 S	13.95 E	37.14	157.94	1.36	1.36	-0.88
	4225.00	1.56	130.73	25	4224.58	-34.92	34.92 S	14.48 E	37.80	157.47	1.01	-0.92	-14.36
	4250.00	1.67	141.33	25	4249.57	-35.42	35.42 S	14.97 E	38.45	157.09	1.27	0.44	42.40
	4275.00	1.91	138.22	25	4274.55	-36.02	36.02 S	15.47 E	39.20	156.75	1.04	0.96	-12.44
	4300.00	1.66	136.37	25	4299.54	-36.59	36.59 S	16.00 E	39.94	156.38	1.03	-1.00	-7.40
	4325.00	1.68	152.13	25	4324.53	-37.18	37.18 S	16.42 E	40.64	156.17	1.83	0.08	63.04
	4350.00	1.85	149.16	25	4349.52	-37.85	37.85 S	16.80 E	41.41	156.06	0.77	0.68	-11.88
	4375.00	1.53	149.77	25	4374.51	-38.48	38.48 S	17.18 E	42.14	155.95	1.28	-1.28	2.44
	4400.00	1.70	159.77	25	4399.50	-39.12	39.12 S	17.47 E	42.84	155.93	1.31	0.68	40.00
	4425.00	1.69	152.68	25	4424.49	-39.79	39.79 S	17.77 E	43.58	155.94	0.84	-0.04	-28.36
	4450.00	1.38	159.97	25	4449.48	-40.40	40.40 S	18.04 E	44.25	155.94	1.46	-1.24	29.16
	4475.00	1.59	163.99	25	4474.47	-41.02	41.02 S	18.24 E	44.89	156.03	0.94	0.84	16.08
	4500.00	1.43	157.27	25	4499.46	-41.64	41.64 S	18.46 E	45.55	156.10	0.95	-0.64	-26.88
	4525.00	1.36	172.79	25	4524.45	-42.22	42.22 S	18.61 E	46.14	156.21	1.53	-0.28	62.08
	4550.00	1.47	162.04	25	4549.45	-42.82	42.82 S	18.75 E	46.75	156.35	1.15	0.44	-43.00
	4575.00	1.33	171.11	25	4574.44	-43.41	43.41 S	18.89 E	47.35	156.48	1.05	-0.56	36.28
	4600.00	1.62	170.73	25	4599.43	-44.05	44.05 S	19.00 E	47.97	156.67	1.16	1.16	-1.52
	4625.00	1.38	164.06	25	4624.42	-44.69	44.69 S	19.14 E	48.61	156.82	1.19	-0.96	-26.68
	4650.00	1.37	176.48	25	4649.41	-45.28	45.28 S	19.24 E	49.19	156.98	1.19	-0.04	49.68



Company: Legacy
Well: BTBN 25 Federal No. 2
Location: Eddy Co., New Mexico
Rig: Mast Unit

Job Number: 62882
Grid Corr.: -0.32
Lat: 32.19
Long: -103.72

Calculation Method: Minimum Curvature
Proposed Azimuth: _____
RKB - MSL in feet: Ground
Tie Into: _____ Surface

Survey Tool Type	Survey Depth (ft)	Inclina- tion (deg)	Azimuth (deg)	Course Length (ft)	True Vertical Depth (ft)	Vertical Section (ft)	Coordinates		Closure		Dogleg Severity (d/100')	Build Rate (d/100')	Walk Rate (d/100')
							N/S (ft)	E/W (ft)	Distance (ft)	Angle (deg)			
	4675.00	1.60	170.54	25	4674.41	-45.92	45.92 S	19.31 E	49.81	157.19	1.11	0.92	-23.76
	4700.00	1.42	164.18	25	4699.40	-46.56	46.56 S	19.45 E	50.46	157.32	0.98	-0.72	-25.44
	4725.00	1.55	181.63	25	4724.39	-47.20	47.20 S	19.53 E	51.08	157.52	1.87	0.52	69.80
	4750.00	1.57	171.13	25	4749.38	-47.87	47.87 S	19.57 E	51.72	157.76	1.14	0.08	-42.00
	4775.00	1.48	189.50	25	4774.37	-48.53	48.53 S	19.57 E	52.33	158.04	1.98	-0.36	73.48
	4800.00	1.65	178.25	25	4799.36	-49.21	49.21 S	19.53 E	52.94	158.35	1.40	0.68	-45.00
	4825.00	1.37	183.20	25	4824.35	-49.87	49.87 S	19.52 E	53.55	158.62	1.23	-1.12	19.80
	4850.00	1.66	172.49	25	4849.34	-50.52	50.52 S	19.55 E	54.18	158.84	1.62	1.16	-42.84
	4875.00	1.32	175.19	25	4874.34	-51.17	51.17 S	19.63 E	54.80	159.02	1.39	-1.36	10.80
	4900.00	1.68	179.93	25	4899.33	-51.82	51.82 S	19.65 E	55.42	159.23	1.52	1.44	18.96
	4925.00	1.51	170.45	25	4924.32	-52.51	52.51 S	19.71 E	56.09	159.43	1.25	-0.68	-37.92
	4950.00	1.35	180.80	25	4949.31	-53.13	53.13 S	19.76 E	56.69	159.60	1.21	-0.64	41.40
	4975.00	1.64	172.97	25	4974.30	-53.78	53.78 S	19.80 E	57.31	159.79	1.42	1.16	-31.32
	5000.00	1.37	175.57	25	4999.29	-54.44	54.44 S	19.86 E	57.95	159.95	1.11	-1.08	10.40
	5025.00	1.69	181.73	25	5024.28	-55.10	55.10 S	19.87 E	58.58	160.17	1.44	1.28	24.64
	5050.00	1.47	169.87	25	5049.27	-55.79	55.79 S	19.92 E	59.24	160.35	1.57	-0.88	-47.44
	5075.00	1.41	179.90	25	5074.27	-56.41	56.41 S	19.98 E	59.84	160.50	1.03	-0.24	40.12
	5100.00	1.60	169.22	25	5099.26	-57.06	57.06 S	20.04 E	60.48	160.65	1.35	0.76	-42.72
	5125.00	1.43	177.02	25	5124.25	-57.71	57.71 S	20.12 E	61.12	160.78	1.07	-0.68	31.20
	5150.00	1.60	172.29	25	5149.24	-58.37	58.37 S	20.19 E	61.76	160.92	0.84	0.68	-18.92
	5175.00	1.43	174.37	25	5174.23	-59.03	59.03 S	20.26 E	62.41	161.05	0.71	-0.68	8.32
	5200.00	1.50	181.76	25	5199.22	-59.67	59.67 S	20.28 E	63.02	161.22	0.81	0.28	29.56
	5225.00	1.60	171.06	25	5224.21	-60.34	60.34 S	20.33 E	63.67	161.38	1.22	0.40	-42.80
	5250.00	1.42	182.81	25	5249.21	-60.99	60.99 S	20.37 E	64.30	161.53	1.43	-0.72	47.00
	5275.00	1.61	172.78	25	5274.20	-61.65	61.65 S	20.40 E	64.94	161.69	1.30	0.76	-40.12
	5300.00	1.45	185.80	25	5299.19	-62.31	62.31 S	20.41 E	65.57	161.86	1.53	-0.64	52.08
	5325.00	1.63	170.22	25	5324.18	-62.98	62.98 S	20.44 E	66.21	162.02	1.82	0.72	-62.32
	5350.00	1.33	176.71	25	5349.17	-63.62	63.62 S	20.51 E	66.84	162.13	1.37	-1.20	25.96
	5375.00	1.68	170.65	25	5374.16	-64.27	64.27 S	20.59 E	67.49	162.24	1.54	1.40	-24.24
	5400.00	1.38	172.68	25	5399.15	-64.93	64.93 S	20.69 E	68.15	162.33	1.22	-1.20	8.12
	5425.00	1.63	175.91	25	5424.15	-65.58	65.58 S	20.75 E	68.79	162.44	1.06	1.00	12.92



Company: Legacy
Well: BTBN 25 Federal No. 2
Location: Eddy Co., New Mexico
Rig: Mast Unit

Job Number: 62882
Grid Corr.: -0.32
Lat: 32.19
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Calculation Method: Minimum Curvature
Proposed Azimuth:
RKB - MSL in feet: Ground
Tie Into: Surface

Survey Tool Type	Survey Depth (ft)	Inclination (deg)	Azimuth (deg)	Course Length (ft)	True Vertical Depth (ft)	Vertical Section (ft)	Coordinates		Closure		Dogleg Severity (d/100')	Build Rate (d/100')	Walk Rate (d/100')
							N/S (ft)	E/W (ft)	Distance (ft)	Angle (deg)			
	5450.00	1.37	163.34	25	5449.14	-66.22	66.22 S	20.86 E	69.43	162.51	1.67	-1.04	-50.28
	5475.00	1.56	177.52	25	5474.13	-66.85	66.85 S	20.96 E	70.06	162.59	1.63	0.76	56.72
	5500.00	1.40	170.23	25	5499.12	-67.49	67.49 S	21.03 E	70.69	162.69	0.99	-0.64	-29.16
	5525.00	1.61	176.74	25	5524.11	-68.14	68.14 S	21.10 E	71.33	162.79	1.08	0.84	26.04
	5550.00	1.37	170.36	25	5549.10	-68.79	68.79 S	21.17 E	71.97	162.89	1.17	-0.96	-25.52
	5575.00	1.59	172.52	25	5574.09	-69.43	69.43 S	21.27 E	72.61	162.97	0.91	0.88	8.64
	5600.00	1.48	173.58	25	5599.09	-70.09	70.09 S	21.35 E	73.27	163.06	0.45	-0.44	4.24
	5625.00	1.73	178.64	25	5624.08	-70.79	70.79 S	21.39 E	73.95	163.18	1.15	1.00	20.24
	5650.00	1.42	169.03	25	5649.07	-71.47	71.47 S	21.46 E	74.62	163.29	1.62	-1.24	-38.44
	5675.00	1.71	161.32	25	5674.06	-72.13	72.13 S	21.64 E	75.30	163.30	1.43	1.16	-30.84
	5700.00	1.55	172.18	25	5699.05	-72.82	72.82 S	21.81 E	76.01	163.33	1.39	-0.64	43.44
	5725.00	1.68	160.47	25	5724.04	-73.50	73.50 S	21.97 E	76.71	163.35	1.42	0.52	-46.84
	5750.00	1.45	166.78	25	5749.03	-74.15	74.15 S	22.17 E	77.39	163.35	1.15	-0.92	25.24
	5775.00	1.74	163.51	25	5774.02	-74.82	74.82 S	22.35 E	78.09	163.37	1.22	1.16	-13.08
	5800.00	1.49	160.99	25	5799.01	-75.49	75.49 S	22.56 E	78.79	163.36	1.04	-1.00	-10.08
	5825.00	1.70	164.11	25	5824.00	-76.16	76.16 S	22.77 E	79.49	163.35	0.91	0.84	12.48
	5850.00	1.48	169.83	25	5848.99	-76.83	76.83 S	22.93 E	80.18	163.38	1.08	-0.88	22.88
	5875.00	1.59	157.61	25	5873.98	-77.47	77.47 S	23.12 E	80.85	163.38	1.38	0.44	-48.88
	5900.00	1.52	164.60	25	5898.97	-78.11	78.11 S	23.34 E	81.52	163.36	0.81	-0.28	27.96
	5925.00	1.76	157.29	25	5923.96	-78.78	78.78 S	23.57 E	82.23	163.34	1.27	0.96	-29.24
	5950.00	1.47	163.16	25	5948.95	-79.44	79.44 S	23.82 E	82.94	163.31	1.33	-1.16	23.48
	5975.00	1.74	161.06	25	5973.94	-80.11	80.11 S	24.03 E	83.64	163.30	1.11	1.08	-8.40
	6000.00	1.47	160.81	25	5998.93	-80.77	80.77 S	24.26 E	84.34	163.28	1.08	-1.08	-1.00
	6025.00	1.78	163.28	25	6023.92	-81.45	81.45 S	24.48 E	85.05	163.27	1.27	1.24	9.88
	6050.00	1.52	164.54	25	6048.91	-82.14	82.14 S	24.68 E	85.77	163.28	1.05	-1.04	5.04
	6075.00	1.90	161.68	25	6073.90	-82.85	82.85 S	24.90 E	86.51	163.28	1.56	1.52	-11.44
	6100.00	1.47	163.73	25	6098.89	-83.55	83.55 S	25.12 E	87.25	163.27	1.74	-1.72	8.20
	6125.00	1.84	161.10	25	6123.88	-84.24	84.24 S	25.34 E	87.97	163.26	1.51	1.48	-10.52
	6150.00	1.59	163.92	25	6148.87	-84.95	84.95 S	25.56 E	88.72	163.25	1.06	-1.00	11.28
	6175.00	1.97	155.80	25	6173.85	-85.68	85.68 S	25.83 E	89.49	163.22	1.82	1.52	-32.48
	6200.00	1.57	157.41	25	6198.84	-86.39	86.39 S	26.14 E	90.26	163.16	1.61	-1.60	6.44



Company: Legacy
Well: BTBN 25 Federal No. 2
Location: Eddy Co., New Mexico
Rig: Mast Unit

Job Number: 62882
Grid Corr.: -0.32
Lat: 32.19
Long: -103.72

Calculation Method: Minimum Curvature
Proposed Azimuth:
RKB - MSL in feet: Ground
Tie Into: Surface

Survey Tool Type	Survey Depth (ft)	Inclina- tion (deg)	Azimuth (deg)	Course Length (ft)	True Vertical Depth (ft)	Vertical Section (ft)	Coordinates		Closure		Dogleg Severity (d/100')	Build Rate (d/100')	Walk Rate (d/100')
							N/S (ft)	E/W (ft)	Distance (ft)	Angle (deg)			
	6225.00	1.73	161.15	25	6223.83	-87.06	87.06 S	26.40 E	90.97	163.13	0.77	0.64	14.96
	6250.00	1.77	155.49	25	6248.82	-87.77	87.77 S	26.68 E	91.73	163.09	0.71	0.16	-22.64
	6275.00	1.72	166.01	25	6273.81	-88.48	88.48 S	26.93 E	92.49	163.07	1.29	-0.20	42.08
	6300.00	1.83	159.79	25	6298.80	-89.22	89.22 S	27.16 E	93.26	163.07	0.89	0.44	-24.88
	6325.00	1.57	154.17	25	6323.79	-89.91	89.91 S	27.44 E	94.00	163.02	1.23	-1.04	-22.48
	6350.00	1.72	166.20	25	6348.78	-90.58	90.58 S	27.68 E	94.71	163.01	1.50	0.60	48.12
	6375.00	1.80	157.79	25	6373.76	-91.31	91.31 S	27.92 E	95.48	163.00	1.08	0.32	-33.64
	6400.00	1.53	164.85	25	6398.75	-91.99	91.99 S	28.16 E	96.20	162.98	1.35	-1.08	28.24
	6425.00	1.90	165.23	25	6423.74	-92.71	92.71 S	28.35 E	96.95	163.00	1.48	1.48	1.52
	6450.00	1.58	159.83	25	6448.73	-93.44	93.44 S	28.57 E	97.71	163.00	1.44	-1.28	-21.60
	6475.00	1.94	157.98	25	6473.72	-94.15	94.15 S	28.85 E	98.48	162.96	1.46	1.44	-7.40
	6500.00	1.70	154.07	25	6498.71	-94.88	94.88 S	29.17 E	99.26	162.91	1.08	-0.96	-15.64
	6525.00	1.88	162.88	25	6523.69	-95.61	95.61 S	29.45 E	100.04	162.88	1.31	0.72	35.24
	6550.00	1.90	154.65	25	6548.68	-96.37	96.37 S	29.75 E	100.86	162.84	1.09	0.08	-32.92
	6575.00	1.60	153.37	25	6573.67	-97.06	97.06 S	30.09 E	101.61	162.78	1.21	-1.20	-5.12
	6600.00	1.83	161.33	25	6598.66	-97.75	97.75 S	30.37 E	102.36	162.74	1.32	0.92	31.84
	6625.00	1.75	158.97	25	6623.65	-98.48	98.48 S	30.64 E	103.14	162.72	0.44	-0.32	-9.44
	6650.00	2.04	156.08	25	6648.63	-99.25	99.25 S	30.95 E	103.96	162.68	1.22	1.16	-11.56
	6675.00	1.93	162.29	25	6673.62	-100.05	100.05 S	31.26 E	104.82	162.65	0.97	-0.44	24.84
	6700.00	1.80	153.89	25	6698.60	-100.81	100.81 S	31.56 E	105.63	162.61	1.21	-0.52	-33.60
	6725.00	1.78	162.73	25	6723.59	-101.53	101.53 S	31.85 E	106.41	162.58	1.11	-0.08	35.36
	6750.00	1.86	156.77	25	6748.58	-102.27	102.27 S	32.13 E	107.20	162.56	0.82	0.32	-23.84
	6775.00	1.85	166.22	25	6773.57	-103.04	103.04 S	32.38 E	108.01	162.55	1.22	-0.04	37.80
	6800.00	1.64	152.25	25	6798.55	-103.75	103.75 S	32.64 E	108.76	162.53	1.89	-0.84	-55.88
	6825.00	1.64	163.22	25	6823.54	-104.41	104.41 S	32.91 E	109.47	162.50	1.25	0.00	43.88
	6850.00	1.58	152.35	25	6848.53	-105.05	105.05 S	33.18 E	110.17	162.47	1.24	-0.24	-43.48
	6875.00	1.65	164.97	25	6873.52	-105.71	105.71 S	33.43 E	110.87	162.45	1.45	0.28	50.48
	6900.00	1.55	155.70	25	6898.51	-106.36	106.36 S	33.66 E	111.56	162.44	1.11	-0.40	-37.08
	6925.00	1.51	159.40	25	6923.51	-106.98	106.98 S	33.92 E	112.23	162.41	0.43	-0.16	14.80
	6950.00	1.74	161.84	25	6948.50	-107.65	107.65 S	34.15 E	112.94	162.40	0.96	0.92	9.76
	6975.00	1.45	162.30	25	6973.49	-108.31	108.31 S	34.37 E	113.63	162.40	1.16	-1.16	1.84



Company: Legacy
 Well: BTBN 25 Federal No. 2
 Location: Eddy Co., New Mexico
 Rig: Mast Unit

Job Number: 62882
 Grid Corr.: -0.32
 Lat: 32.19
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Calculation Method: Minimum Curvature
 Proposed Azimuth:
 RKB - MSL in feet: Ground
 Tie Into: Surface

Survey Tool Type	Survey Depth (ft)	Inclina- tion (deg)	Azimuth (deg)	Course Length (ft)	True Vertical Depth (ft)	Vertical Section (ft)	Coordinates		Closure		Dogleg Severity (d/100')	Build Rate (d/100')	Walk Rate (d/100')
							N/S (ft)	E/W (ft)	Distance (ft)	Angle (deg)			
	7000.00	1.34	168.40	25	6998.48	-108.90	108.90 S	34.52 E	114.24	162.41	0.74	-0.44	24.40
	7024.00	1.44	161.32	24	7022.47	-109.46	109.46 S	34.68 E	114.82	162.42	0.83	0.42	-29.50

DISTRICT I
P. O. Box 1980, Hobbs, NM 88240

DISTRICT II
P. O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

DISTRICT IV
P. O. Box 2088, Santa Fe, NM 87504-2088

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

PO Box 2088
Santa Fe, NM 87504-2088

RECEIVED

Form C-102
Revised February 10, 1994

Instructions on back

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☐ AMENDED REPORT

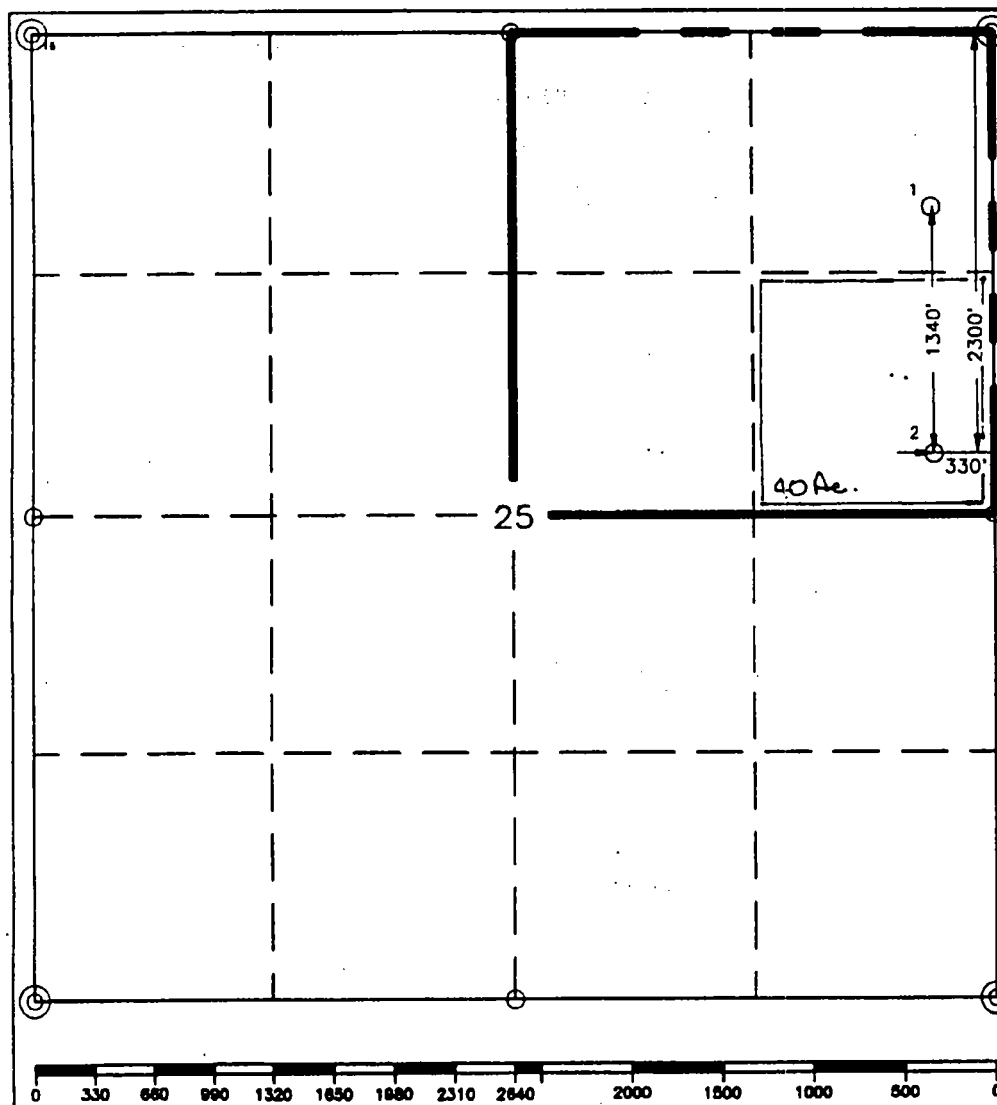
WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number		2 Pool Code		3 Pool Name	
				Wildcat	
4 Property Code		5 Property Name			6 Well Number
		BTBN "25" Federal			2
7 GRID No.		8 Operator Name			9 Elevation
22351		TEXACO EXPLORATION & PRODUCTION, INC.			3524'

10 Surface Location									
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
H	25	24-S	31-E		2300'	North	330'	East	Eddy

11 Bottom Hole Location If Different From Surface									
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
12 Dedicated Acres		13 Joint or Infill		14 Consolidation Code		15 Order No.			
40									

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 OPERATOR CERTIFICATION	
	I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.	
	Signature	
	<i>C. Wade Howard</i>	
	Printed Name	
	C. Wade Howard	
	Position	
	Engineer's Assistant	
	Company	
	Texaco Expl. & Prod. Inc.	
Date		
March 4, 1997		
17 SURVEYOR CERTIFICATION		
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.		
Date Surveyed		
February 28, 1997		
Signature & Seal of Professional Surveyor		
<i>John S. Piper</i>		
Certificate No.		
7254 John S. Piper		
Sheet 8 of 8		