



**PHOENIX
TECHNOLOGY SERVICES**

December 26, 2018

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

RECEIVED

DEC 31 2018

Dear District 2 - Artesia

Re: EOG Resources
Thomas AJJ 6
Eddy Co., New Mexico
API #30-015-28412
Job No. 64013

DISTRICT II-ARTESIA O.C.D.

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. 606018). Other information required by your office is as follows:

Name & Title of Surveyor	Drainhole Number	Surveyed Depths		Dates Performed		Type of Survey
		From	To	Start	End	
Andy Askew	6	0	7,600	12/18/18	12/18/18	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: EOG Resources

Job #: 64013

Well Name: Thomas AJJ 6

County/State: Eddy/ NM

Survey Instrument Type: North Seek Rate Gyro

API # 30-015-28412

TIE-IN DATA

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

Date 12/18/2018	Depth (ft) 0	Inclination (°) 0	Azimuth (°) 0
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Last Survey

Date 12/18/2018	Depth (ft) 7600	Inclination (°) 0.32	Azimuth (°) 328.31
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Projected TD Survey

Date 0	Depth (ft) 0	Inclination (°) 0	Azimuth (°) 0
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Grid Correction 0.09

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:

12/19/18

Print Name: Andy Askew

Signature:



Company: EOG Resources
 Well: Thomas AJJ 6
 Location: Eddy Co., NM
 Rig: Pulling Unit

Job Number: 64013
 Grid Corr.: 0.09
 Lat: 32.67
 Long: -104.50

Date: 12/18/18
 Calculation Method: Minimum Curvature
 Proposed Azimuth: Ground
 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	1.09	245.06	100	99.99	-0.40	0.40 S	0.86 W	0.95	245.06	1.09	1.09	245.06
	125.00	0.93	242.80	25	124.99	-0.59	0.59 S	1.26 W	1.39	244.73	0.66	-0.64	-9.04
	150.00	1.06	247.48	25	149.99	-0.78	0.78 S	1.65 W	1.83	244.86	0.61	0.52	18.72
	175.00	1.14	248.16	25	174.98	-0.96	0.96 S	2.10 W	2.30	245.48	0.32	0.32	2.72
	200.00	1.23	247.92	25	199.98	-1.15	1.15 S	2.58 W	2.82	245.95	0.36	0.36	-0.96
	225.00	1.24	249.64	25	224.97	-1.34	1.34 S	3.08 W	3.36	246.40	0.15	0.04	6.88
	250.00	1.32	247.86	25	249.96	-1.55	1.55 S	3.60 W	3.92	246.73	0.36	0.32	-7.12
	275.00	1.36	245.56	25	274.96	-1.78	1.78 S	4.14 W	4.50	246.73	0.27	0.16	-9.20
	300.00	1.35	247.67	25	299.95	-2.01	2.01 S	4.68 W	5.09	246.72	0.20	-0.04	8.44
	325.00	1.33	250.93	25	324.94	-2.22	2.22 S	5.23 W	5.68	246.98	0.32	-0.08	13.04
	350.00	1.27	252.83	25	349.94	-2.40	2.40 S	5.76 W	6.24	247.42	0.30	-0.24	7.60
	375.00	1.31	255.81	25	374.93	-2.55	2.55 S	6.31 W	6.80	247.99	0.31	0.16	11.92
	400.00	1.26	252.97	25	399.92	-2.70	2.70 S	6.85 W	7.36	248.48	0.32	-0.20	-11.36
	425.00	1.25	250.30	25	424.92	-2.87	2.87 S	7.37 W	7.91	248.70	0.24	-0.04	-10.68
	450.00	1.20	254.18	25	449.91	-3.03	3.03 S	7.87 W	8.44	248.92	0.39	-0.20	15.52
	475.00	1.29	256.04	25	474.91	-3.17	3.17 S	8.40 W	8.98	249.30	0.39	0.36	7.44
	500.00	1.26	254.02	25	499.90	-3.32	3.32 S	8.94 W	9.53	249.63	0.22	-0.12	-8.08
	525.00	1.23	253.12	25	524.89	-3.47	3.47 S	9.46 W	10.07	249.84	0.14	-0.12	-3.60
	550.00	1.21	253.72	25	549.89	-3.62	3.62 S	9.97 W	10.61	250.02	0.09	-0.08	2.40
	575.00	1.25	256.33	25	574.88	-3.76	3.76 S	10.49 W	11.14	250.27	0.28	0.16	10.44
	600.00	1.21	254.99	25	599.88	-3.89	3.89 S	11.01 W	11.67	250.51	0.20	-0.16	-5.36
	625.00	1.10	253.86	25	624.87	-4.03	4.03 S	11.49 W	12.18	250.68	0.45	-0.44	-4.52
	650.00	1.06	253.99	25	649.87	-4.16	4.16 S	11.94 W	12.65	250.80	0.16	-0.16	0.52
	675.00	1.00	250.11	25	674.86	-4.30	4.30 S	12.37 W	13.10	250.84	0.37	-0.24	-15.52
	700.00	0.94	243.08	25	699.86	-4.46	4.46 S	12.76 W	13.52	250.71	0.53	-0.24	-28.12
	725.00	0.91	237.18	25	724.86	-4.67	4.67 S	13.11 W	13.91	250.41	0.40	-0.12	-23.60
	750.00	0.74	225.01	25	749.85	-4.89	4.89 S	13.39 W	14.25	249.95	0.97	-0.68	-48.68

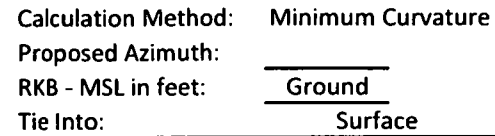


Company: EOG Resources
Well: Thomas AJJ 6
Location: Eddy Co., NM
Rig: Pulling Unit

Job Number: 64013
Grid Corr.: 0.09
Lat: 32.67
Long: -104.50

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)			
	775.00	0.77	217.95	25	774.85	-5.13	5.13 S	13.61 W	14.54	249.33	0.39	0.12	-28.24
	800.00	0.83	197.14	25	799.85	-5.44	5.44 S	13.76 W	14.80	248.44	1.18	0.24	-83.24
	825.00	0.78	192.58	25	824.85	-5.78	5.78 S	13.85 W	15.01	247.36	0.32	-0.20	-18.24
	850.00	0.85	179.15	25	849.85	-6.13	6.13 S	13.89 W	15.18	246.19	0.81	0.28	-53.72
	875.00	0.81	171.56	25	874.84	-6.49	6.49 S	13.86 W	15.30	244.91	0.47	-0.16	-30.36
	900.00	0.93	162.57	25	899.84	-6.86	6.86 S	13.77 W	15.39	243.53	0.73	0.48	-35.96
	925.00	0.98	157.24	25	924.84	-7.25	7.25 S	13.63 W	15.44	241.99	0.41	0.20	-21.32
	950.00	0.96	161.79	25	949.83	-7.65	7.65 S	13.48 W	15.50	240.44	0.32	-0.08	18.20
	975.00	0.94	160.92	25	974.83	-8.04	8.04 S	13.35 W	15.58	238.95	0.10	-0.08	-3.48
	1000.00	0.99	164.80	25	999.83	-8.44	8.44 S	13.23 W	15.69	237.46	0.33	0.20	15.52
	1025.00	0.95	161.42	25	1024.82	-8.84	8.84 S	13.10 W	15.81	235.98	0.28	-0.16	-13.52
	1050.00	0.83	156.12	25	1049.82	-9.21	9.21 S	12.96 W	15.90	234.62	0.58	-0.48	-21.20
	1075.00	0.92	157.76	25	1074.82	-9.56	9.56 S	12.81 W	15.99	233.28	0.37	0.36	6.56
	1100.00	0.90	158.89	25	1099.81	-9.93	9.93 S	12.67 W	16.09	231.91	0.11	-0.08	4.52
	1125.00	0.82	155.87	25	1124.81	-10.27	10.27 S	12.52 W	16.20	230.64	0.37	-0.32	-12.08
	1150.00	0.94	155.71	25	1149.81	-10.62	10.62 S	12.37 W	16.30	229.33	0.48	0.48	-0.64
	1175.00	0.90	156.82	25	1174.80	-10.99	10.99 S	12.20 W	16.42	227.99	0.18	-0.16	4.44
	1200.00	0.92	155.71	25	1199.80	-11.35	11.35 S	12.04 W	16.55	226.69	0.11	0.08	-4.44
	1225.00	0.89	155.63	25	1224.80	-11.71	11.71 S	11.88 W	16.69	225.41	0.12	-0.12	-0.32
	1250.00	0.98	155.93	25	1249.79	-12.09	12.09 S	11.71 W	16.83	224.10	0.36	0.36	1.20
	1275.00	0.90	154.71	25	1274.79	-12.46	12.46 S	11.54 W	16.99	222.82	0.33	-0.32	-4.88
	1300.00	0.81	152.25	25	1299.79	-12.79	12.79 S	11.38 W	17.12	221.65	0.39	-0.36	-9.84
	1325.00	0.85	153.10	25	1324.79	-13.11	13.11 S	11.21 W	17.25	220.53	0.17	0.16	3.40
	1350.00	0.77	154.94	25	1349.78	-13.43	13.43 S	11.06 W	17.40	219.46	0.34	-0.32	7.36
	1375.00	0.80	153.27	25	1374.78	-13.74	13.74 S	10.91 W	17.54	218.44	0.15	0.12	-6.68
	1400.00	0.71	154.81	25	1399.78	-14.04	14.04 S	10.76 W	17.69	217.48	0.37	-0.36	6.16
	1425.00	0.69	160.43	25	1424.78	-14.32	14.32 S	10.65 W	17.84	216.63	0.29	-0.08	22.48
	1450.00	0.72	159.25	25	1449.77	-14.61	14.61 S	10.54 W	18.01	215.81	0.13	0.12	-4.72
	1475.00	0.63	155.27	25	1474.77	-14.88	14.88 S	10.43 W	18.17	215.02	0.41	-0.36	-15.92
	1500.00	0.69	154.00	25	1499.77	-15.14	15.14 S	10.30 W	18.31	214.24	0.25	0.24	-5.08



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)			
	1525.00	0.66	156.84	25	1524.77	-15.41	15.41 S	10.18 W	18.47	213.46	0.18	-0.12	11.36
	1550.00	0.65	158.66	25	1549.77	-15.67	15.67 S	10.07 W	18.63	212.73	0.09	-0.04	7.28
	1575.00	0.65	157.03	25	1574.77	-15.93	15.93 S	9.97 W	18.79	212.02	0.07	0.00	-6.52
	1600.00	0.63	150.68	25	1599.76	-16.18	16.18 S	9.84 W	18.94	211.31	0.29	-0.08	-25.40
	1625.00	0.58	164.46	25	1624.76	-16.43	16.43 S	9.74 W	19.10	210.67	0.61	-0.20	55.12
	1650.00	0.58	159.29	25	1649.76	-16.67	16.67 S	9.66 W	19.26	210.10	0.21	0.00	-20.68
	1675.00	0.55	165.48	25	1674.76	-16.90	16.90 S	9.59 W	19.43	209.57	0.27	-0.12	24.76
	1700.00	0.55	157.99	25	1699.76	-17.13	17.13 S	9.51 W	19.59	209.05	0.29	0.00	-29.96
	1725.00	0.54	168.69	25	1724.76	-17.36	17.36 S	9.44 W	19.76	208.56	0.41	-0.04	42.80
	1750.00	0.43	163.33	25	1749.76	-17.56	17.56 S	9.39 W	19.92	208.15	0.48	-0.44	-21.44
	1775.00	0.49	168.09	25	1774.76	-17.75	17.75 S	9.35 W	20.06	207.76	0.28	0.24	19.04
	1800.00	0.46	166.35	25	1799.76	-17.96	17.96 S	9.30 W	20.22	207.38	0.13	-0.12	-6.96
	1825.00	0.42	167.83	25	1824.76	-18.14	18.14 S	9.26 W	20.37	207.03	0.17	-0.16	5.92
	1850.00	0.50	159.06	25	1849.75	-18.34	18.34 S	9.20 W	20.51	206.64	0.43	0.32	-35.08
	1875.00	0.42	173.01	25	1874.75	-18.53	18.53 S	9.15 W	20.66	206.28	0.55	-0.32	55.80
	1900.00	0.41	160.62	25	1899.75	-18.70	18.70 S	9.11 W	20.80	205.96	0.36	-0.04	-49.56
	1925.00	0.44	173.23	25	1924.75	-18.88	18.88 S	9.07 W	20.95	205.65	0.39	0.12	50.44
	1950.00	0.40	167.31	25	1949.75	-19.06	19.06 S	9.04 W	21.10	205.36	0.24	-0.16	-23.68
	1975.00	0.48	168.19	25	1974.75	-19.25	19.25 S	9.00 W	21.25	205.05	0.32	0.32	3.52
	2000.00	0.43	164.37	25	1999.75	-19.44	19.44 S	8.95 W	21.40	204.71	0.23	-0.20	-15.28
	2025.00	0.40	171.52	25	2024.75	-19.62	19.62 S	8.91 W	21.55	204.43	0.24	-0.12	28.60
	2050.00	0.38	175.79	25	2049.75	-19.79	19.79 S	8.89 W	21.70	204.20	0.14	-0.08	17.08
	2075.00	0.36	178.74	25	2074.75	-19.95	19.95 S	8.88 W	21.84	204.00	0.11	-0.08	11.80
	2100.00	0.36	186.31	25	2099.75	-20.11	20.11 S	8.89 W	21.99	203.85	0.19	0.00	30.28
	2125.00	0.29	191.04	25	2124.75	-20.25	20.25 S	8.91 W	22.12	203.76	0.30	-0.28	18.92
	2150.00	0.23	204.46	25	2149.75	-20.36	20.36 S	8.94 W	22.23	203.72	0.34	-0.24	53.68
	2175.00	0.15	197.17	25	2174.75	-20.43	20.43 S	8.98 W	22.32	203.71	0.33	-0.32	-29.16
	2200.00	0.15	235.49	25	2199.75	-20.48	20.48 S	9.01 W	22.38	203.75	0.39	0.00	153.28
	2225.00	0.15	210.08	25	2224.75	-20.53	20.53 S	9.06 W	22.44	203.80	0.26	0.00	-101.64
	2250.00	0.09	230.13	25	2249.75	-20.57	20.57 S	9.09 W	22.49	203.83	0.29	-0.24	80.20



Company: EOG Resources
 Well: Thomas AJJ 6
 Location: Eddy Co., NM
 Rig: Pulling Unit

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 Proposed Azimuth: _____
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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)			
	2275.00	0.10	227.67	25	2274.75	-20.60	20.60 S	9.12 W	22.53	203.88	0.04	0.04	-9.84
	2300.00	0.30	157.56	25	2299.75	-20.67	20.67 S	9.11 W	22.59	203.78	1.13	0.80	-280.44
	2325.00	0.25	243.05	25	2324.75	-20.76	20.76 S	9.13 W	22.68	203.75	1.50	-0.20	341.96
	2350.00	0.21	237.60	25	2349.75	-20.81	20.81 S	9.22 W	22.76	203.90	0.18	-0.16	-21.80
	2375.00	0.18	212.95	25	2374.75	-20.86	20.86 S	9.28 W	22.84	203.98	0.35	-0.12	-98.60
	2400.00	0.13	232.14	25	2399.75	-20.92	20.92 S	9.32 W	22.90	204.03	0.29	-0.20	76.76
	2425.00	0.18	306.05	25	2424.75	-20.91	20.91 S	9.38 W	22.92	204.16	0.76	0.20	295.64
	2450.00	0.15	250.85	25	2449.75	-20.90	20.90 S	9.44 W	22.93	204.31	0.62	-0.12	-220.80
	2475.00	0.14	260.49	25	2474.75	-20.91	20.91 S	9.50 W	22.97	204.43	0.11	-0.04	38.56
	2500.00	0.11	249.12	25	2499.75	-20.93	20.93 S	9.55 W	23.00	204.54	0.16	-0.12	-45.48
	2525.00	0.24	265.68	25	2524.75	-20.94	20.94 S	9.63 W	23.05	204.70	0.55	0.52	66.24
	2550.00	0.24	289.68	25	2549.75	-20.93	20.93 S	9.73 W	23.08	204.94	0.40	0.00	96.00
	2575.00	0.23	289.02	25	2574.74	-20.89	20.89 S	9.83 W	23.09	205.19	0.04	-0.04	-2.64
	2600.00	0.18	306.99	25	2599.74	-20.85	20.85 S	9.91 W	23.08	205.41	0.32	-0.20	71.88
	2625.00	0.23	286.87	25	2624.74	-20.81	20.81 S	9.99 W	23.08	205.63	0.35	0.20	-80.48
	2650.00	0.26	303.05	25	2649.74	-20.77	20.77 S	10.08 W	23.08	205.89	0.30	0.12	64.72
	2675.00	0.34	312.76	25	2674.74	-20.69	20.69 S	10.18 W	23.06	206.21	0.38	0.32	38.84
	2700.00	0.38	308.60	25	2699.74	-20.58	20.58 S	10.30 W	23.02	206.59	0.19	0.16	-16.64
	2725.00	0.45	315.55	25	2724.74	-20.46	20.46 S	10.44 W	22.97	207.02	0.34	0.28	27.80
	2750.00	0.47	321.89	25	2749.74	-20.31	20.31 S	10.57 W	22.90	207.49	0.22	0.08	25.36
	2775.00	0.55	323.11	25	2774.74	-20.13	20.13 S	10.70 W	22.80	207.99	0.32	0.32	4.88
	2800.00	0.61	323.92	25	2799.74	-19.93	19.93 S	10.85 W	22.69	208.57	0.24	0.24	3.24
	2825.00	0.67	326.39	25	2824.74	-19.70	19.70 S	11.01 W	22.57	209.20	0.26	0.24	9.88
	2850.00	0.73	328.79	25	2849.74	-19.44	19.44 S	11.18 W	22.43	209.89	0.27	0.24	9.60
	2875.00	0.83	328.20	25	2874.73	-19.15	19.15 S	11.35 W	22.27	210.66	0.40	0.40	-2.36
	2900.00	0.77	326.21	25	2899.73	-18.86	18.86 S	11.54 W	22.11	211.47	0.26	-0.24	-7.96
	2925.00	0.86	329.53	25	2924.73	-18.56	18.56 S	11.73 W	21.96	212.30	0.41	0.36	13.28
	2950.00	0.95	331.94	25	2949.73	-18.21	18.21 S	11.92 W	21.77	213.21	0.39	0.36	9.64
	2975.00	0.97	328.48	25	2974.72	-17.85	17.85 S	12.13 W	21.58	214.20	0.25	0.08	-13.84
	3000.00	0.99	331.83	25	2999.72	-17.48	17.48 S	12.34 W	21.40	215.23	0.24	0.08	13.40



Company: EOG Resources
Well: Thomas AJJ 6
Location: Eddy Co., NM
Rig: Pulling Unit

Job Number: 64013
Grid Corr.: 0.09
Lat: 32.67
Long: -104.50

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)			
	3025.00	1.11	329.85	25	3024.71	-17.08	17.08 S	12.57 W	21.21	216.35	0.50	0.48	-7.92
	3050.00	1.14	330.40	25	3049.71	-16.66	16.66 S	12.81 W	21.01	217.57	0.13	0.12	2.20
	3075.00	1.19	330.97	25	3074.70	-16.21	16.21 S	13.06 W	20.82	218.86	0.21	0.20	2.28
	3100.00	1.26	330.72	25	3099.70	-15.75	15.75 S	13.32 W	20.62	220.23	0.28	0.28	-1.00
	3125.00	1.32	328.96	25	3124.69	-15.26	15.26 S	13.60 W	20.44	221.72	0.29	0.24	-7.04
	3150.00	1.32	328.59	25	3149.69	-14.77	14.77 S	13.90 W	20.28	223.28	0.03	0.00	-1.48
	3175.00	1.32	331.12	25	3174.68	-14.27	14.27 S	14.19 W	20.12	224.85	0.23	0.00	10.12
	3200.00	1.42	328.86	25	3199.67	-13.75	13.75 S	14.49 W	19.98	226.50	0.45	0.40	-9.04
	3225.00	1.40	327.24	25	3224.66	-13.23	13.23 S	14.82 W	19.86	228.24	0.18	-0.08	-6.48
	3250.00	1.35	331.03	25	3249.66	-12.71	12.71 S	15.13 W	19.76	229.95	0.42	-0.20	15.16
	3275.00	1.39	327.94	25	3274.65	-12.20	12.20 S	15.43 W	19.67	231.67	0.34	0.16	-12.36
	3300.00	1.48	326.91	25	3299.64	-11.67	11.67 S	15.77 W	19.62	233.49	0.37	0.36	-4.12
	3325.00	1.50	325.21	25	3324.63	-11.13	11.13 S	16.13 W	19.60	235.38	0.19	0.08	-6.80
	3350.00	1.57	326.37	25	3349.62	-10.58	10.58 S	16.51 W	19.60	237.34	0.31	0.28	4.64
	3375.00	1.74	328.60	25	3374.61	-9.97	9.97 S	16.89 W	19.62	239.45	0.73	0.68	8.92
	3400.00	1.66	325.80	25	3399.60	-9.35	9.35 S	17.29 W	19.66	241.61	0.46	-0.32	-11.20
	3425.00	1.68	324.78	25	3424.59	-8.75	8.75 S	17.71 W	19.75	243.71	0.14	0.08	-4.08
	3450.00	1.71	324.46	25	3449.58	-8.15	8.15 S	18.14 W	19.88	245.82	0.13	0.12	-1.28
	3475.00	1.73	326.84	25	3474.57	-7.53	7.53 S	18.56 W	20.03	247.93	0.30	0.08	9.52
	3500.00	1.70	332.81	25	3499.56	-6.88	6.88 S	18.94 W	20.15	250.03	0.72	-0.12	23.88
	3525.00	1.76	327.27	25	3524.55	-6.23	6.23 S	19.31 W	20.29	252.13	0.71	0.24	-22.16
	3550.00	1.79	326.65	25	3549.54	-5.58	5.58 S	19.74 W	20.51	254.22	0.14	0.12	-2.48
	3575.00	1.83	328.24	25	3574.52	-4.91	4.91 S	20.16 W	20.75	256.31	0.26	0.16	6.36
	3600.00	1.89	327.38	25	3599.51	-4.23	4.23 S	20.59 W	21.02	258.40	0.26	0.24	-3.44
	3625.00	1.77	326.09	25	3624.50	-3.56	3.56 S	21.03 W	21.33	260.40	0.51	-0.48	-5.16
	3650.00	1.86	325.99	25	3649.49	-2.90	2.90 S	21.47 W	21.67	262.30	0.36	0.36	-0.40
	3675.00	1.84	330.44	25	3674.47	-2.22	2.22 S	21.90 W	22.01	264.22	0.58	-0.08	17.80
	3700.00	1.87	326.95	25	3699.46	-1.52	1.52 S	22.32 W	22.37	266.09	0.47	0.12	-13.96
	3725.00	1.81	328.15	25	3724.45	-0.85	0.85 S	22.75 W	22.76	267.87	0.29	-0.24	4.80
	3750.00	1.93	327.78	25	3749.43	-0.16	0.16 S	23.18 W	23.18	269.61	0.48	0.48	-1.48



Company:	EOG Resources
Well:	Thomas AJJ 6
Location:	Eddy Co., NM
Rig:	Pulling Unit

Job Number:	64013
Grid Corr.:	0.09
Lat:	32.67
Long:	-104.50

Calculation Method:	Minimum Curvature
Proposed Azimuth:	
RKB - MSL in feet:	<u>Ground</u>
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)			
	3775.00	1.91	328.46	25	3774.42	0.56	0.56 N	23.62 W	23.63	271.35	0.12	-0.08	2.72
	3800.00	1.93	324.71	25	3799.40	1.25	1.25 N	24.08 W	24.12	272.98	0.51	0.08	-15.00
	3825.00	1.94	329.38	25	3824.39	1.96	1.96 N	24.54 W	24.62	274.57	0.63	0.04	18.68
	3850.00	1.93	326.07	25	3849.38	2.67	2.67 N	24.99 W	25.14	276.11	0.45	-0.04	-13.24
	3875.00	2.07	329.11	25	3874.36	3.41	3.41 N	25.46 W	25.69	277.63	0.70	0.56	12.16
	3900.00	2.10	327.55	25	3899.34	4.19	4.19 N	25.94 W	26.27	279.17	0.26	0.12	-6.24
	3925.00	2.32	327.12	25	3924.33	5.00	5.00 N	26.46 W	26.93	280.70	0.88	0.88	-1.72
	3950.00	2.36	329.87	25	3949.30	5.87	5.87 N	26.99 W	27.62	282.26	0.48	0.16	11.00
	3975.00	2.54	330.03	25	3974.28	6.79	6.79 N	27.53 W	28.35	283.86	0.72	0.72	0.64
	4000.00	2.69	332.18	25	3999.26	7.79	7.79 N	28.08 W	29.14	285.51	0.72	0.60	8.60
	4025.00	2.70	334.47	25	4024.23	8.84	8.84 N	28.61 W	29.94	287.18	0.43	0.04	9.16
	4050.00	2.90	336.60	25	4049.20	9.95	9.95 N	29.11 W	30.76	288.88	0.90	0.80	8.52
	4075.00	2.87	334.60	25	4074.17	11.10	11.10 N	29.63 W	31.64	290.54	0.42	-0.12	-8.00
	4100.00	2.92	335.42	25	4099.13	12.24	12.24 N	30.16 W	32.55	292.09	0.26	0.20	3.28
	4125.00	2.98	334.55	25	4124.10	13.41	13.41 N	30.71 W	33.51	293.59	0.30	0.24	-3.48
	4150.00	2.90	335.92	25	4149.07	14.57	14.57 N	31.24 W	34.48	295.01	0.43	-0.32	5.48
	4175.00	3.03	338.79	25	4174.04	15.77	15.77 N	31.74 W	35.44	296.41	0.79	0.52	11.48
	4200.00	2.96	337.33	25	4199.00	16.98	16.98 N	32.23 W	36.43	297.78	0.41	-0.28	-5.84
	4225.00	3.11	340.08	25	4223.97	18.21	18.21 N	32.71 W	37.44	299.11	0.84	0.60	11.00
	4250.00	3.15	341.39	25	4248.93	19.50	19.50 N	33.16 W	38.47	300.46	0.33	0.16	5.24
	4275.00	3.27	340.89	25	4273.89	20.82	20.82 N	33.61 W	39.54	301.78	0.49	0.48	-2.00
	4300.00	3.33	342.28	25	4298.85	22.19	22.19 N	34.07 W	40.66	303.08	0.40	0.24	5.56
	4325.00	3.39	342.69	25	4323.81	23.59	23.59 N	34.51 W	41.80	304.35	0.26	0.24	1.64
	4350.00	3.50	341.93	25	4348.76	25.02	25.02 N	34.96 W	42.99	305.59	0.48	0.44	-3.04
	4375.00	3.74	342.47	25	4373.71	26.52	26.52 N	35.45 W	44.27	306.80	0.97	0.96	2.16
	4400.00	3.81	342.77	25	4398.66	28.09	28.09 N	35.94 W	45.61	308.01	0.29	0.28	1.20
	4425.00	3.92	341.57	25	4423.60	29.70	29.70 N	36.45 W	47.02	309.17	0.55	0.44	-4.80
	4450.00	4.02	342.42	25	4448.54	31.34	31.34 N	36.99 W	48.48	310.28	0.46	0.40	3.40
	4475.00	4.03	339.82	25	4473.48	33.00	33.00 N	37.56 W	50.00	311.31	0.73	0.04	-10.40
	4500.00	4.16	342.39	25	4498.41	34.69	34.69 N	38.13 W	51.55	312.29	0.90	0.52	10.28



Company: EOG Resources
Well: Thomas AJJ 6
Location: Eddy Co., NM
Rig: Pulling Unit

Job Number: 64013
Grid Corr.: 0.09
Lat: 32.67
Long: -104.50

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)			
	4525.00	4.20	341.93	25	4523.35	36.43	36.43 N	38.69 W	53.14	313.27	0.21	0.16	-1.84
	4550.00	4.25	343.48	25	4548.28	38.18	38.18 N	39.24 W	54.75	314.22	0.50	0.20	6.20
	4575.00	4.31	341.24	25	4573.21	39.96	39.96 N	39.81 W	56.40	315.11	0.71	0.24	-8.96
	4600.00	4.31	342.30	25	4598.14	41.75	41.75 N	40.39 W	58.09	315.94	0.32	0.00	4.24
	4625.00	4.41	343.29	25	4623.07	43.56	43.56 N	40.96 W	59.79	316.77	0.50	0.40	3.96
	4650.00	4.45	344.27	25	4647.99	45.42	45.42 N	41.49 W	61.52	317.58	0.34	0.16	3.92
	4675.00	4.40	344.70	25	4672.92	47.27	47.27 N	42.01 W	63.24	318.37	0.24	-0.20	1.72
	4700.00	4.48	345.09	25	4697.84	49.14	49.14 N	42.51 W	64.98	319.14	0.34	0.32	1.56
	4725.00	4.44	345.92	25	4722.77	51.03	51.03 N	43.00 W	66.73	319.88	0.30	-0.16	3.32
	4750.00	4.42	346.80	25	4747.69	52.90	52.90 N	43.46 W	68.46	320.60	0.28	-0.08	3.52
	4775.00	4.28	346.78	25	4772.62	54.75	54.75 N	43.89 W	70.17	321.28	0.56	-0.56	-0.08
	4800.00	4.12	348.03	25	4797.55	56.53	56.53 N	44.29 W	71.82	321.92	0.74	-0.64	5.00
	4825.00	3.68	346.96	25	4822.49	58.19	58.19 N	44.66 W	73.35	322.50	1.78	-1.76	-4.28
	4850.00	3.63	346.46	25	4847.44	59.75	59.75 N	45.02 W	74.81	323.00	0.24	-0.20	-2.00
	4875.00	3.43	345.86	25	4872.40	61.24	61.24 N	45.39 W	76.23	323.45	0.81	-0.80	-2.40
	4900.00	3.22	346.07	25	4897.35	62.65	62.65 N	45.74 W	77.57	323.86	0.84	-0.84	0.84
	4925.00	3.05	345.30	25	4922.32	63.97	63.97 N	46.08 W	78.84	324.23	0.70	-0.68	-3.08
	4950.00	2.94	345.35	25	4947.28	65.24	65.24 N	46.41 W	80.06	324.57	0.44	-0.44	0.20
	4975.00	2.79	347.69	25	4972.25	66.45	66.45 N	46.70 W	81.22	324.90	0.76	-0.60	9.36
	5000.00	2.81	349.41	25	4997.22	67.65	67.65 N	46.95 W	82.34	325.24	0.35	0.08	6.88
	5025.00	2.68	348.29	25	5022.19	68.82	68.82 N	47.18 W	83.44	325.57	0.56	-0.52	-4.48
	5050.00	2.69	341.05	25	5047.17	69.95	69.95 N	47.49 W	84.54	325.83	1.36	0.04	-28.96
	5075.00	2.68	347.74	25	5072.14	71.07	71.07 N	47.80 W	85.65	326.08	1.25	-0.04	26.76
	5100.00	2.66	347.08	25	5097.11	72.21	72.21 N	48.05 W	86.74	326.36	0.15	-0.08	-2.64
	5125.00	2.62	348.30	25	5122.08	73.34	73.34 N	48.30 W	87.81	326.63	0.28	-0.16	4.88
	5150.00	2.62	349.35	25	5147.06	74.46	74.46 N	48.52 W	88.87	326.91	0.19	0.00	4.20
	5175.00	2.85	349.61	25	5172.03	75.63	75.63 N	48.74 W	89.97	327.20	0.92	0.92	1.04
	5200.00	2.64	347.46	25	5197.00	76.80	76.80 N	48.98 W	91.09	327.47	0.94	-0.84	-8.60
	5225.00	2.73	346.21	25	5221.97	77.94	77.94 N	49.24 W	92.20	327.72	0.43	0.36	-5.00
	5250.00	2.63	347.75	25	5246.95	79.08	79.08 N	49.51 W	93.30	327.95	0.49	-0.40	6.16



Company: EOG Resources
 Well: Thomas AJJ 6
 Location: Eddy Co., NM
 Rig: Pulling Unit

Job Number: 64013
 Grid Corr.: 0.09
 Lat: 32.67
 Long: -104.50

Calculation Method: Minimum Curvature
 Proposed Azimuth: Ground
 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)			
	5275.00	2.73	345.76	25	5271.92	80.22	80.22 N	49.78 W	94.41	328.18	0.55	0.40	-7.96
	5300.00	2.62	343.04	25	5296.89	81.34	81.34 N	50.09 W	95.53	328.38	0.67	-0.44	-10.88
	5325.00	2.49	344.49	25	5321.87	82.41	82.41 N	50.40 W	96.60	328.55	0.58	-0.52	5.80
	5350.00	2.29	343.30	25	5346.84	83.42	83.42 N	50.69 W	97.61	328.71	0.82	-0.80	-4.76
	5375.00	2.31	342.77	25	5371.82	84.37	84.37 N	50.98 W	98.58	328.86	0.12	0.08	-2.12
	5400.00	2.19	344.29	25	5396.81	85.32	85.32 N	51.26 W	99.53	329.00	0.54	-0.48	6.08
	5425.00	2.06	346.01	25	5421.79	86.21	86.21 N	51.50 W	100.42	329.15	0.58	-0.52	6.88
	5450.00	1.91	345.87	25	5446.77	87.05	87.05 N	51.71 W	101.25	329.29	0.60	-0.60	-0.56
	5475.00	1.73	345.22	25	5471.76	87.82	87.82 N	51.91 W	102.01	329.41	0.72	-0.72	-2.60
	5500.00	1.69	345.79	25	5496.75	88.54	88.54 N	52.09 W	102.73	329.53	0.17	-0.16	2.28
	5525.00	1.57	341.63	25	5521.74	89.23	89.23 N	52.29 W	103.42	329.63	0.67	-0.48	-16.64
	5550.00	1.36	336.00	25	5546.73	89.82	89.82 N	52.52 W	104.05	329.68	1.02	-0.84	-22.52
	5575.00	1.21	324.89	25	5571.72	90.31	90.31 N	52.79 W	104.61	329.69	1.16	-0.60	-44.44
	5600.00	1.04	329.41	25	5596.72	90.72	90.72 N	53.06 W	105.10	329.68	0.77	-0.68	18.08
	5625.00	1.13	311.98	25	5621.72	91.08	91.08 N	53.36 W	105.56	329.64	1.36	0.36	-69.72
	5650.00	1.05	309.18	25	5646.71	91.39	91.39 N	53.72 W	106.01	329.55	0.38	-0.32	-11.20
	5675.00	0.93	311.58	25	5671.71	91.67	91.67 N	54.05 W	106.42	329.48	0.51	-0.48	9.60
	5700.00	0.89	307.99	25	5696.70	91.92	91.92 N	54.35 W	106.79	329.40	0.28	-0.16	-14.36
	5725.00	0.76	305.79	25	5721.70	92.14	92.14 N	54.64 W	107.12	329.33	0.54	-0.52	-8.80
	5750.00	0.67	308.22	25	5746.70	92.33	92.33 N	54.89 W	107.41	329.27	0.38	-0.36	9.72
	5775.00	0.46	291.77	25	5771.70	92.45	92.45 N	55.10 W	107.63	329.21	1.05	-0.84	-65.80
	5800.00	0.48	319.52	25	5796.70	92.57	92.57 N	55.26 W	107.81	329.17	0.90	0.08	111.00
	5825.00	0.75	307.64	25	5821.70	92.75	92.75 N	55.46 W	108.07	329.12	1.19	1.08	-47.52
	5850.00	0.30	312.89	25	5846.69	92.90	92.90 N	55.63 W	108.28	329.08	1.81	-1.80	21.00
	5875.00	0.32	304.91	25	5871.69	92.98	92.98 N	55.74 W	108.41	329.06	0.19	0.08	-31.92
	5900.00	0.35	316.92	25	5896.69	93.08	93.08 N	55.85 W	108.55	329.03	0.30	0.12	48.04
	5925.00	0.39	336.17	25	5921.69	93.21	93.21 N	55.94 W	108.70	329.03	0.52	0.16	77.00
	5950.00	0.35	326.15	25	5946.69	93.35	93.35 N	56.01 W	108.87	329.03	0.30	-0.16	-40.08
	5975.00	0.46	320.32	25	5971.69	93.49	93.49 N	56.12 W	109.04	329.02	0.47	0.44	-23.32
	6000.00	0.35	311.14	25	5996.69	93.62	93.62 N	56.24 W	109.21	329.00	0.51	-0.44	-36.72



Company: EOG Resources
Well: Thomas AJJ 6
Location: Eddy Co., NM
Rig: Pulling Unit

Job Number: 64013
Grid Corr.: 0.09
Lat: 32.67
Long: -104.50

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)			
	6025.00	0.23	339.43	25	6021.69	93.72	93.72 N	56.32 W	109.34	329.00	0.73	-0.48	113.16
	6050.00	0.26	324.88	25	6046.69	93.81	93.81 N	56.37 W	109.44	329.00	0.28	0.12	-58.20
	6075.00	0.24	335.00	25	6071.69	93.90	93.90 N	56.42 W	109.55	329.00	0.19	-0.08	40.48
	6100.00	0.22	318.05	25	6096.69	93.99	93.99 N	56.48 W	109.65	329.00	0.28	-0.08	-67.80
	6125.00	0.40	304.47	25	6121.69	94.07	94.07 N	56.58 W	109.78	328.97	0.77	0.72	-54.32
	6150.00	0.31	312.07	25	6146.69	94.17	94.17 N	56.70 W	109.92	328.95	0.41	-0.36	30.40
	6175.00	0.40	298.69	25	6171.69	94.25	94.25 N	56.83 W	110.06	328.91	0.49	0.36	-53.52
	6200.00	0.34	299.22	25	6196.69	94.33	94.33 N	56.97 W	110.20	328.87	0.24	-0.24	2.12
	6225.00	0.35	282.88	25	6221.69	94.38	94.38 N	57.11 W	110.32	328.82	0.39	0.04	-65.36
	6250.00	0.33	265.21	25	6246.69	94.40	94.40 N	57.26 W	110.40	328.76	0.43	-0.08	-70.68
	6275.00	0.32	262.90	25	6271.69	94.38	94.38 N	57.40 W	110.46	328.69	0.07	-0.04	-9.24
	6300.00	0.45	245.47	25	6296.69	94.33	94.33 N	57.55 W	110.50	328.61	0.69	0.52	-69.72
	6325.00	0.44	263.72	25	6321.69	94.28	94.28 N	57.74 W	110.56	328.52	0.57	-0.04	73.00
	6350.00	0.52	240.47	25	6346.69	94.21	94.21 N	57.93 W	110.60	328.41	0.83	0.32	-93.00
	6375.00	0.66	236.56	25	6371.68	94.08	94.08 N	58.15 W	110.60	328.28	0.58	0.56	-15.64
	6400.00	0.65	250.17	25	6396.68	93.95	93.95 N	58.41 W	110.63	328.13	0.62	-0.04	54.44
	6425.00	0.54	232.69	25	6421.68	93.83	93.83 N	58.63 W	110.64	328.00	0.84	-0.44	-69.92
	6450.00	0.44	241.15	25	6446.68	93.71	93.71 N	58.81 W	110.64	327.89	0.49	-0.40	33.84
	6475.00	0.54	256.56	25	6471.68	93.64	93.64 N	59.01 W	110.68	327.78	0.66	0.40	61.64
	6500.00	0.57	269.29	25	6496.68	93.61	93.61 N	59.25 W	110.79	327.67	0.51	0.12	50.92
	6525.00	0.76	244.63	25	6521.68	93.54	93.54 N	59.52 W	110.87	327.53	1.36	0.76	-98.64
	6550.00	0.80	261.61	25	6546.67	93.44	93.44 N	59.85 W	110.96	327.36	0.93	0.16	67.92
	6575.00	0.87	263.74	25	6571.67	93.40	93.40 N	60.21 W	111.12	327.19	0.31	0.28	8.52
	6600.00	0.97	270.67	25	6596.67	93.38	93.38 N	60.61 W	111.32	327.01	0.60	0.40	27.72
	6625.00	1.02	266.04	25	6621.66	93.36	93.36 N	61.04 W	111.55	326.82	0.38	0.20	-18.52
	6650.00	1.20	270.08	25	6646.66	93.35	93.35 N	61.52 W	111.80	326.61	0.78	0.72	16.16
	6675.00	1.30	269.13	25	6671.65	93.35	93.35 N	62.07 W	112.10	326.38	0.41	0.40	-3.80
	6700.00	1.44	270.17	25	6696.65	93.34	93.34 N	62.67 W	112.43	326.12	0.57	0.56	4.16
	6725.00	1.47	267.92	25	6721.64	93.33	93.33 N	63.30 W	112.77	325.85	0.26	0.12	-9.00
	6750.00	1.64	268.88	25	6746.63	93.31	93.31 N	63.98 W	113.14	325.56	0.69	0.68	3.84



Company: EOG Resources
 Well: Thomas AJJ 6
 Location: Eddy Co., NM
 Rig: Pulling Unit

Job Number: 64013
 Grid Corr.: 0.09
 Lat: 32.67
 Long: -104.50

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)			
	6775.00	1.60	266.12	25	6771.62	93.28	93.28 N	64.69 W	113.52	325.26	0.35	-0.16	-11.04
	6800.00	1.78	263.45	25	6796.61	93.21	93.21 N	65.42 W	113.88	324.94	0.79	0.72	-10.68
	6825.00	1.86	258.93	25	6821.60	93.09	93.09 N	66.20 W	114.23	324.58	0.66	0.32	-18.08
	6850.00	1.93	259.83	25	6846.58	92.94	92.94 N	67.02 W	114.58	324.21	0.30	0.28	3.60
	6875.00	1.95	258.45	25	6871.57	92.78	92.78 N	67.85 W	114.94	323.82	0.20	0.08	-5.52
	6900.00	1.84	259.84	25	6896.55	92.62	92.62 N	68.66 W	115.30	323.45	0.48	-0.44	5.56
	6925.00	1.94	262.88	25	6921.54	92.50	92.50 N	69.47 W	115.69	323.09	0.57	0.40	12.16
	6950.00	1.92	259.68	25	6946.53	92.37	92.37 N	70.31 W	116.09	322.73	0.44	-0.08	-12.80
	6975.00	1.83	260.44	25	6971.51	92.23	92.23 N	71.11 W	116.46	322.37	0.37	-0.36	3.04
	7000.00	1.70	252.01	25	6996.50	92.05	92.05 N	71.86 W	116.78	322.02	1.16	-0.52	-33.72
	7025.00	1.78	250.66	25	7021.49	91.81	91.81 N	72.58 W	117.03	321.67	0.36	0.32	-5.40
	7050.00	1.76	246.01	25	7046.48	91.52	91.52 N	73.29 W	117.25	321.31	0.58	-0.08	-18.60
	7075.00	1.77	248.93	25	7071.47	91.23	91.23 N	74.01 W	117.47	320.95	0.36	0.04	11.68
	7100.00	1.76	244.52	25	7096.45	90.93	90.93 N	74.71 W	117.68	320.59	0.54	-0.04	-17.64
	7125.00	1.68	232.49	25	7121.44	90.54	90.54 N	75.35 W	117.79	320.23	1.48	-0.32	-48.12
	7150.00	1.64	225.13	25	7146.43	90.06	90.06 N	75.89 W	117.77	319.88	0.87	-0.16	-29.44
	7175.00	1.33	226.50	25	7171.42	89.61	89.61 N	76.36 W	117.73	319.57	1.25	-1.24	5.48
	7200.00	1.17	216.89	25	7196.42	89.21	89.21 N	76.72 W	117.66	319.30	1.05	-0.64	-38.44
	7225.00	1.09	214.42	25	7221.41	88.81	88.81 N	77.01 W	117.54	319.07	0.37	-0.32	-9.88
	7250.00	0.83	210.53	25	7246.41	88.45	88.45 N	77.24 W	117.43	318.87	1.07	-1.04	-15.56
	7275.00	0.64	254.84	25	7271.41	88.26	88.26 N	77.46 W	117.43	318.73	2.33	-0.76	177.24
	7300.00	0.73	272.12	25	7296.41	88.23	88.23 N	77.76 W	117.60	318.61	0.90	0.36	69.12
	7325.00	0.77	275.55	25	7321.40	88.25	88.25 N	78.08 W	117.84	318.50	0.24	0.16	13.72
	7350.00	0.78	277.97	25	7346.40	88.29	88.29 N	78.42 W	118.09	318.39	0.14	0.04	9.68
	7375.00	0.69	292.36	25	7371.40	88.37	88.37 N	78.73 W	118.35	318.30	0.82	-0.36	57.56
	7400.00	1.00	264.15	25	7396.40	88.41	88.41 N	79.08 W	118.62	318.19	2.04	1.24	-112.84
	7425.00	1.25	267.60	25	7421.39	88.37	88.37 N	79.57 W	118.92	318.00	1.04	1.00	13.80
	7450.00	1.06	263.02	25	7446.39	88.33	88.33 N	80.07 W	119.23	317.81	0.84	-0.76	-18.32
	7475.00	0.99	288.24	25	7471.38	88.37	88.37 N	80.51 W	119.55	317.67	1.81	-0.28	100.88
	7500.00	0.74	300.10	25	7496.38	88.52	88.52 N	80.85 W	119.89	317.59	1.22	-1.00	47.44



Company: EOG Resources
 Well: Thomas AJJ 6
 Location: Eddy Co., NM
 Rig: Pulling Unit

Job Number: 64013
 Grid Corr.: 0.09
 Lat: 32.67
 Long: -104.50

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)			
	7525.00	0.75	317.75	25	7521.38	88.72	88.72 N	81.10 W	120.21	317.57	0.92	0.04	70.60
	7550.00	0.78	331.93	25	7546.38	89.00	89.00 N	81.29 W	120.54	317.59	0.76	0.12	56.72
	7575.00	0.43	338.31	25	7571.37	89.23	89.23 N	81.41 W	120.79	317.63	1.42	-1.40	25.52
	7600.00	0.32	328.31	25	7596.37	89.38	89.38 N	81.48 W	120.94	317.65	0.51	-0.44	-40.00

District I
PO Box 1980, Hobbs, NM 88240-2980
District II
PO Drawer DD, Artesia, NM 88211-0719
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
PO Box 2088
Santa Fe, NM 87504-2088

Form C-102
Revised February 10, 1994
Instructions on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-28412		Pool Code 15472		Pool Name Dagger Draw; Upper Penn, North	
Property Code		Property Name THOMAS AJJ			Well Number 6
OGRID No. 025575		Operator Name YATES PETROLEUM CORPORATION			Elevation 3535.

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
I	8	19S	25E		1980	SOUTH	660	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 160	13 Joint or Infill	14 Consolidation Code	15 Order No.
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NO ALLOWABLE WELL 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. Signature <u>Ken Beardemph</u> Printed Name <u>Ken Beardemph</u> Title <u>Landman</u> Date <u>March 22, 1995</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 and correct to the best of my belief. MARCH 21, 1995 Date of Survey Signature of <u>N. R. REDD</u> Professional Surveyor NEW MEXICO 5412 REGISTERED PROFESSIONAL ENGINEER Certificate Number <u>NM 15608</u>