



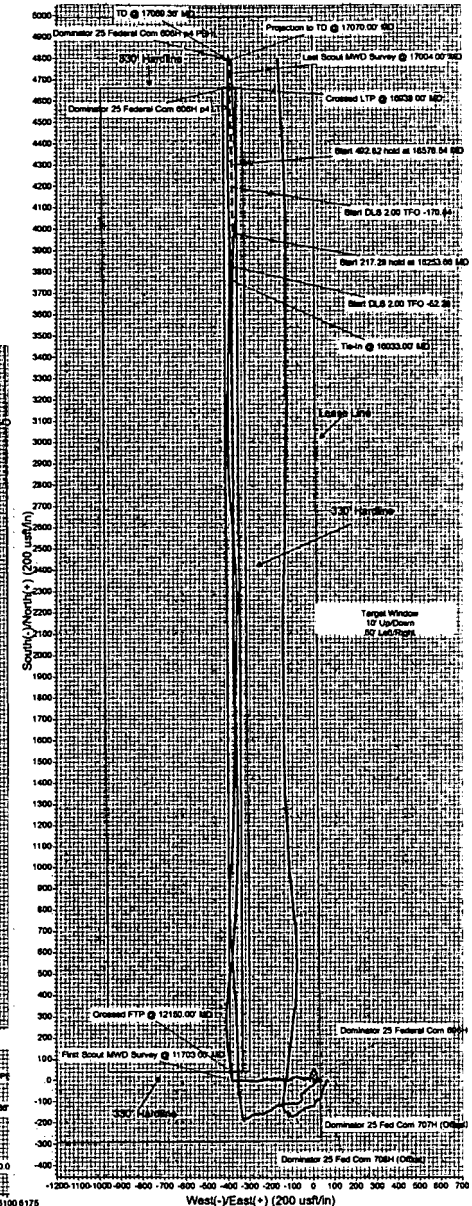
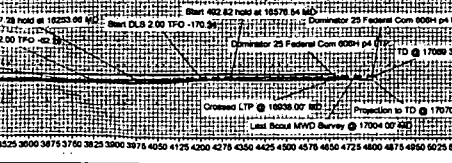
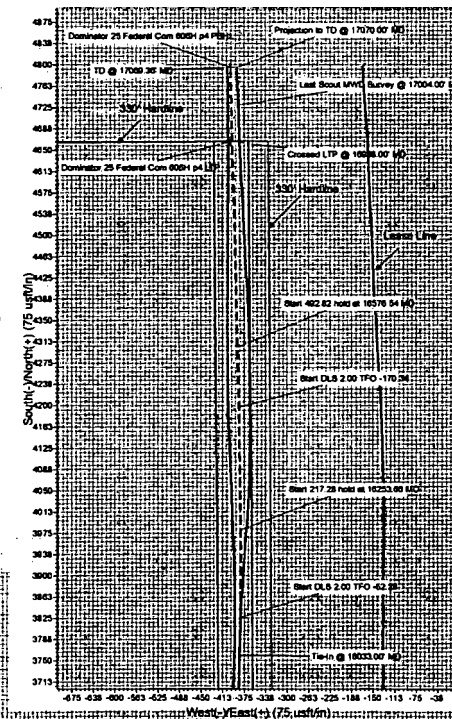
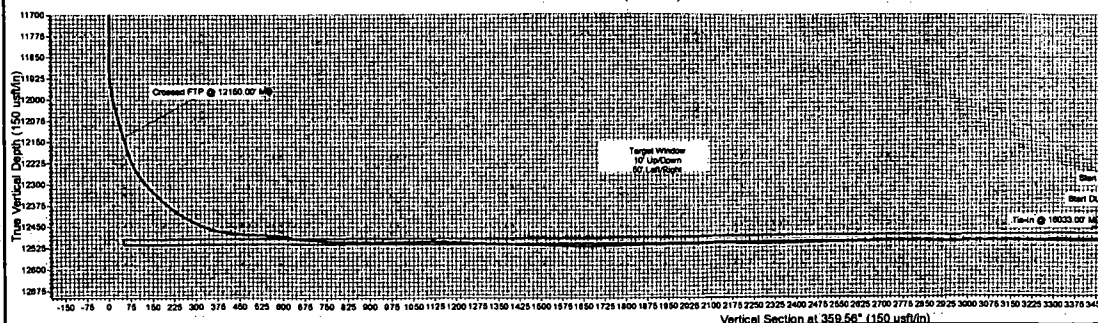
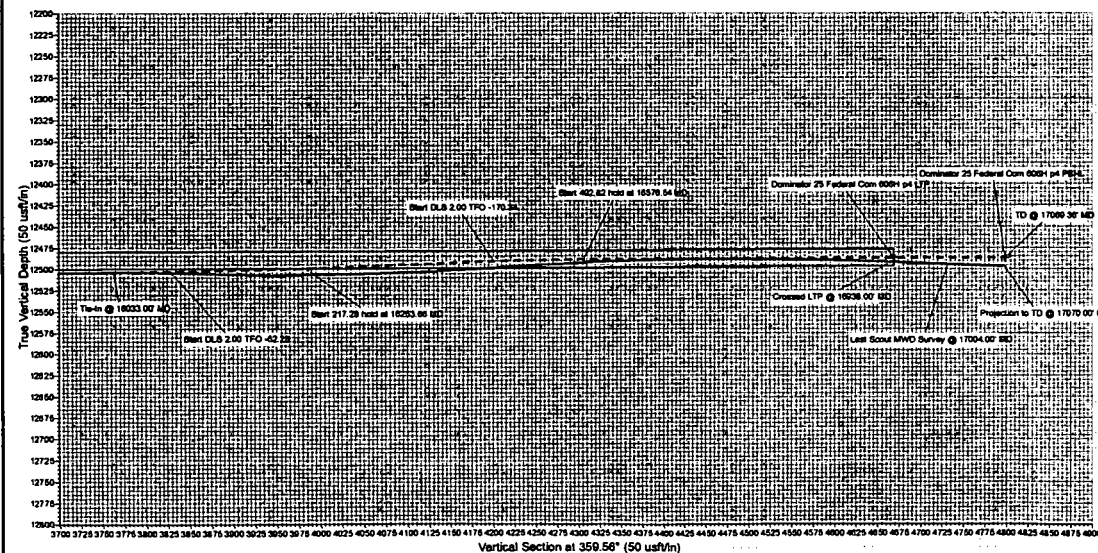
CONCHO

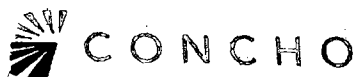
Project: Lea County, NM
 Site: Dominator 25
 Well: Dominator 25 Federal Com 606H
 Depth Reference: GL 3337.7' + 26' KB @ 3363.70usft (Independence 205)
 SHL Northing: 399184.70
 SHL Easting: 750109.80
 Rig: Independence 205
 Plan: plan4



SECTION DETAILS										FORMATION TOP DETAILS	
MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	Vsect	Annotation	No formation data is available	
16033.00	90.39	1.45	12503.70	3759.59	-383.43	0.00	0.00	3762.43	Tie-In @ 16033.00' MD		
16099.00	90.39	1.45	12503.25	3825.57	-381.76	0.00	0.00	3828.39	Start DLS 2.00 TFO -52.28		
16254.45	92.28	358.98	12499.63	3980.95	-381.17	2.00	-52.43	3983.76	Start 217.28 hold at 16253.66 MD		
16470.87	92.28	358.98	12491.00	4197.17	-385.00	0.00	0.00	4200.00	Start DLS 2.00 TFO -170.34		
16576.48	90.20	358.65	12488.71	4302.73	-387.18	2.00	-170.87	4305.58	Start 492.82 hold at 16576.54 MD		
17069.29	90.20	358.65	12487.00	4795.40	-398.80	0.00	0.00	4798.32	TD @ 17069.36' MD		

DESIGN TARGET DETAILS						T	G	M	Azimuths to Grid North True North: -0.43° Magnetic North: 6.25°	
Name	TVD	+N/-S	+E/-W	Northing	Easting					
Dominator 25 Federal Com 606H p4 LTP	12487.00	4665.32	-397.73	403850.02	749712.07				Magnetic Field Strength: 47826.0nT Dip Angle: 59.78° Date: 08/15/2018 Model: HDGM	
Dominator 25 Federal Com 606H p4 PBHL	12487.00	4795.40	-398.80	403980.10	749711.00					





Survey Report



Company: Concho Resources
Project: Lea County, NM
Site: Dominator 25
Well: Dominator 25 Federal Com 606H
Wellbore: Wellbore #1
Design: Surveys

Local Co-ordinate Reference: Well Dominator 25 Federal Com 606H
TVD Reference: GL 3337.7' + 26' KB @ 3363.70usft (Independence 205)
MD Reference: GL 3337.7' + 26' KB @ 3363.70usft (Independence 205)
North Reference: Grid
Survey Calculation Method: Minimum Curvature
Database: EDM 5000.14 Single User Db

Project	Lea County, NM		
Map System:	US State Plane 1927 (Exact solution)	System Datum:	Mean Sea Level
Geo Datum:	NAD 1927 (NADCON CONUS)		
Map Zone:	New Mexico East 3001		

Site	Dominator 25		
Site Position:	From: Map	Northing: 399,184.70 usft	Latitude: 32° 5' 41.640 N
		Easting: 750,109.80 usft	Longitude: 103° 31' 32.493 W
Position Uncertainty:	0.00 usft	Slot Radius: 13-3/16 "	Grid Convergence: 0.43 °

Well	Dominator 25 Federal Com 606H		
Well Position	+N/-S 0.00 usft	Northing: 399,184.70 usft	Latitude: 32° 5' 41.640 N
	+E/-W 0.00 usft	Easting: 750,109.80 usft	Longitude: 103° 31' 32.493 W
Position Uncertainty	0.00 usft	Wellhead Elevation: usft	Ground Level: 3,337.70 usft

Wellbore	Wellbore #1		
Magnetics	Model Name	Sample Date	Declination (°)
	HDGM	08/15/18	6.68
			Dip Angle (°)
			59.78
			Field Strength (nT)
			47,826.90000000

Design	Surveys		
Audit Notes:			
Version:	1.0	Phase: ACTUAL	Tie On Depth: 0.00
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)
	0.00	0.00	0.00
			Direction (°)
			359.56

Survey Program	Date 09/05/18		
From (usft)	To (usft)	Survey (Wellbore)	Tool Name
75.00	11,525.00	VES Gyro (Wellbore #1)	GYRO-NS-CT
11,703.00	17,070.00	Scout MWD (Wellbore #1)	MWD+IFR1+SAG+MS
			Description
			OWSG XYZ Accel with XY Static and Continuous
			OWSG MWD + IFR1 + Sag + Multi-Station Corre

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	
75.00	0.43	48.08	75.00	0.19	0.21	0.19	0.57	0.57	0.00	
100.00	0.55	52.90	100.00	0.32	0.37	0.32	0.51	0.48	19.28	
125.00	0.58	57.94	125.00	0.46	0.58	0.46	0.23	0.12	20.16	
150.00	0.64	59.45	150.00	0.60	0.81	0.59	0.25	0.24	6.04	
175.00	0.76	69.69	174.99	0.73	1.08	0.72	0.69	0.48	40.96	
200.00	0.81	66.76	199.99	0.86	1.40	0.85	0.26	0.20	-11.72	
225.00	0.85	64.70	224.99	1.01	1.73	0.99	0.20	0.16	-8.24	



CONCHO

Concho Resources

Lea County, NM

Dominator 25

Dominator 25 Federal Com 606H

Wellbore #1

Design: Surveys

Standard Survey Report

05 September, 2018

HOBBS OCD

MAY 16 2019

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Company: Concho Resources
Project: Lea County, NM
Site: Dominator 25
Well: Dominator 25 Federal Com 606H
Wellbore: Wellbore #1
Design: Surveys

Local Co-ordinate Reference: Well Dominator 25 Federal Com 606H
TVD Reference: GL 3337.7' + 26' KB @ 3363.70usft (Independence 205)
MD Reference: GL 3337.7' + 26' KB @ 3363.70usft (Independence 205)
North Reference: Grid
Survey Calculation Method: Minimum Curvature
Database: EDM 5000.14 Single User Db

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)
250.00	0.96	69.46	249.99	1.16	2.09	1.14	0.53	0.44	19.04
275.00	1.04	75.32	274.98	1.29	2.51	1.27	0.52	0.32	23.44
300.00	1.07	79.11	299.98	1.39	2.96	1.37	0.30	0.12	15.16
325.00	1.06	83.93	324.97	1.46	3.42	1.43	0.36	-0.04	19.28
350.00	1.14	84.27	349.97	1.51	3.89	1.48	0.32	0.32	1.36
375.00	1.18	84.33	374.96	1.56	4.40	1.53	0.16	0.16	0.24
400.00	1.19	83.82	399.96	1.61	4.91	1.57	0.06	0.04	-2.04
425.00	1.12	83.08	424.95	1.67	5.41	1.63	0.29	-0.28	-2.96
450.00	1.10	84.45	449.95	1.72	5.89	1.68	0.13	-0.08	5.48
475.00	1.07	83.15	474.94	1.77	6.36	1.72	0.16	-0.12	-5.20
500.00	0.90	79.95	499.94	1.84	6.79	1.78	0.71	-0.68	-12.80
525.00	0.60	72.05	524.94	1.91	7.11	1.86	1.27	-1.20	-31.60
550.00	0.41	64.00	549.94	1.99	7.31	1.93	0.81	-0.76	-32.20
575.00	0.37	60.46	574.94	2.07	7.46	2.01	0.19	-0.16	-14.16
600.00	0.42	48.74	599.94	2.17	7.60	2.11	0.38	0.20	-46.88
625.00	0.38	47.43	624.94	2.29	7.73	2.23	0.16	-0.16	-5.24
650.00	0.37	42.50	649.93	2.40	7.85	2.34	0.14	-0.04	-19.72
675.00	0.32	31.84	674.93	2.52	7.94	2.46	0.32	-0.20	-42.64
700.00	0.42	23.85	699.93	2.66	8.01	2.60	0.45	0.40	-31.96
725.00	0.42	17.03	724.93	2.83	8.08	2.77	0.20	0.00	-27.28
750.00	0.46	4.22	749.93	3.02	8.11	2.96	0.42	0.16	-51.24
775.00	0.51	355.58	774.93	3.23	8.11	3.17	0.35	0.20	-34.56
800.00	0.75	313.13	799.93	3.46	7.98	3.39	2.03	0.96	-169.80
825.00	0.98	304.75	824.93	3.69	7.69	3.63	1.05	0.92	-33.52
850.00	1.09	306.76	849.92	3.95	7.32	3.90	0.46	0.44	8.04
875.00	1.12	301.51	874.92	4.22	6.92	4.17	0.42	0.12	-21.00
900.00	1.04	299.46	899.91	4.46	6.52	4.41	0.36	-0.32	-8.20
925.00	1.04	306.24	924.91	4.71	6.13	4.66	0.49	0.00	27.12
950.00	1.03	304.18	949.91	4.97	5.77	4.92	0.15	-0.04	-8.24
975.00	1.01	306.85	974.90	5.23	5.40	5.19	0.21	-0.08	10.68
1,000.00	0.99	307.23	999.90	5.49	5.06	5.45	0.08	-0.08	1.52
1,025.00	0.97	309.87	1,024.89	5.76	4.72	5.72	0.20	-0.08	10.56
1,050.00	0.96	309.07	1,049.89	6.02	4.40	5.99	0.07	-0.04	-3.20
1,075.00	0.99	313.50	1,074.89	6.30	4.08	6.27	0.32	0.12	17.72
1,100.00	1.05	311.89	1,099.88	6.61	3.75	6.58	0.27	0.24	-6.44
1,125.00	1.03	315.33	1,124.88	6.92	3.42	6.89	0.26	-0.08	13.76
1,150.00	0.97	314.30	1,149.88	7.23	3.11	7.20	0.25	-0.24	-4.12
1,175.00	1.00	316.39	1,174.87	7.53	2.81	7.51	0.19	0.12	8.36
1,200.00	1.05	312.18	1,199.87	7.84	2.49	7.82	0.36	0.20	-16.84
1,225.00	1.08	310.15	1,224.86	8.15	2.14	8.13	0.19	0.12	-8.12
1,250.00	1.09	309.04	1,249.86	8.45	1.78	8.44	0.09	0.04	-4.44
1,275.00	1.13	306.83	1,274.85	8.75	1.39	8.74	0.23	0.16	-8.84



Survey Report



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 Wellbore: Wellbore #1
 Design: Surveys

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 TVD Reference: GL 3337.7' + 26' KB @ 3363.70usft
 (Independence 205)
 MD Reference: GL 3337.7' + 26' KB @ 3363.70usft
 (Independence 205)
 North Reference: Grid
 Survey Calculation Method: Minimum Curvature
 Database: EDM 5000.14 Single User Db

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)
1,300.00	1.15	303.17	1,299.85	9.03	0.99	9.03	0.30	0.08	-14.64
1,325.00	1.17	307.30	1,324.84	9.33	0.57	9.32	0.34	0.08	16.52
1,350.00	1.20	304.76	1,349.84	9.63	0.15	9.63	0.24	0.12	-10.16
1,375.00	1.16	304.39	1,374.83	9.92	-0.27	9.92	0.16	-0.16	-1.48
1,400.00	1.20	302.46	1,399.83	10.21	-0.70	10.21	0.23	0.16	-7.72
1,425.00	1.18	304.01	1,424.82	10.49	-1.13	10.50	0.15	-0.08	6.20
1,450.00	1.17	305.93	1,449.82	10.78	-1.55	10.80	0.16	-0.04	7.68
1,475.00	1.10	307.99	1,474.81	11.08	-1.95	11.10	0.32	-0.28	8.24
1,500.00	1.01	304.80	1,499.81	11.35	-2.32	11.37	0.43	-0.36	-12.76
1,525.00	1.07	303.42	1,524.80	11.61	-2.69	11.63	0.26	0.24	-5.52
1,550.00	1.02	299.92	1,549.80	11.85	-3.08	11.87	0.32	-0.20	-14.00
1,575.00	1.07	302.55	1,574.80	12.09	-3.47	12.11	0.28	0.20	10.52
1,600.00	1.02	297.03	1,599.79	12.31	-3.87	12.34	0.45	-0.20	-22.08
1,625.00	1.03	301.56	1,624.79	12.53	-4.26	12.56	0.33	0.04	18.12
1,650.00	1.01	303.81	1,649.78	12.77	-4.63	12.81	0.18	-0.08	9.00
1,675.00	1.02	296.09	1,674.78	12.99	-5.01	13.03	0.55	0.04	-30.88
1,700.00	1.01	292.74	1,699.78	13.17	-5.42	13.22	0.24	-0.04	-13.40
1,725.00	0.99	289.09	1,724.77	13.33	-5.82	13.37	0.27	-0.08	-14.60
1,750.00	0.99	289.37	1,749.77	13.47	-6.23	13.52	0.02	0.00	1.12
1,775.00	1.03	287.96	1,774.76	13.61	-6.65	13.66	0.19	0.16	-5.64
1,800.00	1.07	286.83	1,799.76	13.75	-7.09	13.80	0.18	0.16	-4.52
1,825.00	1.11	283.66	1,824.76	13.88	-7.55	13.93	0.29	0.16	-12.68
1,850.00	1.15	277.88	1,849.75	13.97	-8.03	14.03	0.48	0.16	-23.12
1,875.00	1.23	273.84	1,874.75	14.02	-8.55	14.08	0.46	0.32	-16.16
1,900.00	1.26	277.33	1,899.74	14.07	-9.09	14.14	0.33	0.12	13.96
1,925.00	1.25	280.64	1,924.73	14.16	-9.63	14.23	0.29	-0.04	13.24
1,950.00	1.22	279.16	1,949.73	14.25	-10.16	14.33	0.18	-0.12	-5.92
1,975.00	1.19	274.03	1,974.72	14.31	-10.68	14.39	0.45	-0.12	-20.52
2,000.00	1.26	274.39	1,999.72	14.35	-11.21	14.44	0.28	0.28	1.44
2,025.00	1.27	275.67	2,024.71	14.40	-11.76	14.49	0.12	0.04	5.12
2,050.00	1.26	271.43	2,049.70	14.43	-12.31	14.53	0.38	-0.04	-16.96
2,075.00	1.27	271.22	2,074.70	14.45	-12.86	14.54	0.04	0.04	-0.84
2,100.00	1.24	271.04	2,099.69	14.46	-13.41	14.56	0.12	-0.12	-0.72
2,125.00	1.26	269.25	2,124.69	14.46	-13.96	14.56	0.18	0.08	-7.16
2,150.00	1.22	269.73	2,149.68	14.45	-14.50	14.56	0.17	-0.16	1.92
2,175.00	1.21	269.72	2,174.68	14.45	-15.03	14.57	0.04	-0.04	-0.04
2,200.00	1.16	266.73	2,199.67	14.43	-15.54	14.55	0.32	-0.20	-11.96
2,225.00	1.12	267.95	2,224.66	14.41	-16.04	14.53	0.19	-0.16	4.88
2,250.00	1.03	270.87	2,249.66	14.41	-16.51	14.53	0.42	-0.36	11.68
2,275.00	0.99	269.04	2,274.66	14.41	-16.95	14.54	0.21	-0.16	-7.32
2,300.00	0.86	267.20	2,299.65	14.39	-17.35	14.53	0.53	-0.52	-7.36
2,325.00	0.81	269.81	2,324.65	14.38	-17.72	14.52	0.25	-0.20	10.44



Survey Report



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Project: Lea County, NM

Site: Dominator 25

Well: Dominator 25 Federal Com 606H

Wellbore: Wellbore #1

Design: Surveys

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(Independence 205)

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(Independence 205)

North Reference: Grid

Survey Calculation Method: Minimum Curvature

Database: EDM 5000.14 Single User Db

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)
2,350.00	0.84	277.50	2,349.65	14.41	-18.08	14.55	0.46	0.12	30.76
2,375.00	0.81	275.69	2,374.65	14.45	-18.43	14.59	0.16	-0.12	-7.24
2,400.00	0.81	270.89	2,399.64	14.47	-18.79	14.61	0.27	0.00	-19.20
2,425.00	0.77	273.95	2,424.64	14.48	-19.13	14.63	0.23	-0.16	12.24
2,450.00	0.74	277.74	2,449.64	14.52	-19.46	14.67	0.23	-0.12	15.16
2,475.00	0.65	277.58	2,474.64	14.56	-19.76	14.71	0.36	-0.36	-0.64
2,500.00	0.59	276.23	2,499.64	14.59	-20.03	14.74	0.25	-0.24	-5.40
2,525.00	0.51	284.60	2,524.63	14.63	-20.26	14.79	0.45	-0.32	33.48
2,550.00	0.47	285.41	2,549.63	14.69	-20.47	14.84	0.16	-0.16	3.24
2,575.00	0.42	284.86	2,574.63	14.74	-20.66	14.90	0.20	-0.20	-2.20
2,600.00	0.35	313.78	2,599.63	14.81	-20.80	14.97	0.82	-0.28	115.68
2,625.00	0.41	321.48	2,624.63	14.94	-20.91	15.10	0.31	0.24	30.80
2,650.00	0.39	357.79	2,649.63	15.09	-20.97	15.25	1.00	-0.08	145.24
2,675.00	0.26	349.09	2,674.63	15.23	-20.98	15.39	0.55	-0.52	-34.80
2,700.00	0.27	19.98	2,699.63	15.34	-20.98	15.50	0.57	0.04	123.56
2,725.00	0.31	20.08	2,724.63	15.46	-20.93	15.62	0.16	0.16	0.40
2,750.00	0.39	25.17	2,749.63	15.60	-20.87	15.76	0.34	0.32	20.36
2,775.00	0.53	38.19	2,774.63	15.77	-20.77	15.93	0.70	0.56	52.08
2,800.00	0.60	36.58	2,799.63	15.97	-20.62	16.12	0.29	0.28	-6.44
2,825.00	0.67	42.15	2,824.63	16.18	-20.44	16.34	0.37	0.28	22.28
2,850.00	0.67	46.03	2,849.62	16.39	-20.24	16.54	0.18	0.00	15.52
2,875.00	0.74	40.98	2,874.62	16.61	-20.03	16.77	0.37	0.28	-20.20
2,900.00	0.70	38.02	2,899.62	16.86	-19.83	17.01	0.22	-0.16	-11.84
2,925.00	0.57	44.20	2,924.62	17.06	-19.64	17.22	0.59	-0.52	24.72
2,950.00	0.53	225.05	2,949.62	17.07	-19.64	17.22	4.40	-0.16	-716.60
2,975.00	1.47	234.40	2,974.61	16.80	-19.98	16.96	3.80	3.76	37.40
3,000.00	2.23	231.39	2,999.60	16.31	-20.62	16.47	3.06	3.04	-12.04
3,025.00	2.48	230.20	3,024.58	15.66	-21.42	15.83	1.02	1.00	-4.76
3,050.00	2.50	228.15	3,049.56	14.95	-22.24	15.12	0.37	0.08	-8.20
3,075.00	2.41	230.06	3,074.53	14.25	-23.05	14.43	0.49	-0.36	7.64
3,100.00	2.36	226.99	3,099.51	13.56	-23.83	13.75	0.55	-0.20	-12.28
3,125.00	2.27	227.89	3,124.49	12.88	-24.57	13.07	0.39	-0.36	3.60
3,150.00	2.15	225.16	3,149.47	12.22	-25.27	12.41	0.64	-0.48	-10.92
3,175.00	2.01	219.83	3,174.46	11.55	-25.89	11.75	0.95	-0.56	-21.32
3,200.00	1.75	218.26	3,199.44	10.91	-26.40	11.12	1.06	-1.04	-6.28
3,225.00	1.32	212.57	3,224.43	10.37	-26.79	10.58	1.82	-1.72	-22.76
3,250.00	0.70	220.65	3,249.43	10.01	-27.05	10.22	2.54	-2.48	32.32
3,275.00	0.47	248.71	3,274.43	9.86	-27.24	10.07	1.44	-0.92	112.24
3,300.00	0.37	290.28	3,299.43	9.85	-27.42	10.06	1.25	-0.40	166.28
3,325.00	0.28	274.11	3,324.43	9.88	-27.55	10.09	0.51	-0.36	-64.68
3,350.00	0.39	290.22	3,349.43	9.92	-27.69	10.13	0.58	0.44	64.44
3,375.00	0.40	286.67	3,374.43	9.97	-27.86	10.19	0.11	0.04	-14.20



Survey Report



Company: Concho Resources
Project: Lea County, NM
Site: Dominator 25
Well: Dominator 25 Federal Com 606H
Wellbore: Wellbore #1
Design: Surveys

Local Co-ordinate Reference: Well Dominator 25 Federal Com 606H
TVD Reference: GL 3337.7' + 26' KB @ 3363.70usft (Independence 205)
MD Reference: GL 3337.7' + 26' KB @ 3363.70usft (Independence 205)
North Reference: Grid
Survey Calculation Method: Minimum Curvature
Database: EDM 5000.14 Single User Db

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)
3,400.00	0.42	285.86	3,399.43	10.02	-28.03	10.24	0.08	0.08	-3.24
3,425.00	0.33	296.42	3,424.43	10.08	-28.18	10.30	0.45	-0.36	42.24
3,450.00	0.27	326.42	3,449.42	10.16	-28.28	10.38	0.66	-0.24	120.00
3,475.00	0.35	353.98	3,474.42	10.29	-28.32	10.50	0.67	0.32	110.24
3,500.00	0.51	357.38	3,499.42	10.47	-28.33	10.69	0.65	0.64	13.60
3,525.00	0.62	356.32	3,524.42	10.72	-28.34	10.94	0.44	0.44	-4.24
3,550.00	0.59	353.47	3,549.42	10.98	-28.37	11.20	0.17	-0.12	-11.40
3,575.00	0.57	350.97	3,574.42	11.23	-28.40	11.45	0.13	-0.08	-10.00
3,600.00	0.55	329.45	3,599.42	11.46	-28.48	11.68	0.84	-0.08	-86.08
3,625.00	0.90	278.14	3,624.42	11.59	-28.74	11.81	2.81	1.40	-205.24
3,650.00	1.22	265.28	3,649.41	11.60	-29.20	11.82	1.59	1.28	-51.44
3,675.00	1.34	264.43	3,674.41	11.54	-29.75	11.77	0.49	0.48	-3.40
3,700.00	1.36	264.31	3,699.40	11.49	-30.34	11.72	0.08	0.08	-0.48
3,725.00	1.39	262.21	3,724.39	11.42	-30.94	11.65	0.23	0.12	-8.40
3,750.00	1.40	259.90	3,749.38	11.32	-31.54	11.56	0.23	0.04	-9.24
3,775.00	1.29	258.31	3,774.38	11.21	-32.11	11.46	0.46	-0.44	-6.36
3,800.00	1.26	259.36	3,799.37	11.10	-32.66	11.35	0.15	-0.12	4.20
3,825.00	1.16	260.04	3,824.37	11.01	-33.18	11.26	0.40	-0.40	2.72
3,850.00	1.00	261.16	3,849.36	10.93	-33.64	11.19	0.65	-0.64	4.48
3,875.00	0.71	274.86	3,874.36	10.91	-34.01	11.17	1.41	-1.16	54.80
3,900.00	0.41	322.38	3,899.36	11.00	-34.22	11.26	2.11	-1.20	190.08
3,925.00	0.49	357.15	3,924.36	11.17	-34.28	11.44	1.12	0.32	139.08
3,950.00	0.51	359.99	3,949.36	11.39	-34.29	11.65	0.13	0.08	11.36
3,975.00	0.56	11.84	3,974.36	11.62	-34.26	11.88	0.48	0.20	47.40
4,000.00	0.36	328.01	3,999.35	11.81	-34.28	12.07	1.56	-0.80	-175.32
4,025.00	0.42	286.60	4,024.35	11.90	-34.41	12.16	1.13	0.24	-165.64
4,050.00	0.54	286.50	4,049.35	11.96	-34.61	12.23	0.48	0.48	-0.40
4,075.00	0.87	273.43	4,074.35	12.01	-34.91	12.27	1.46	1.32	-52.28
4,100.00	1.69	257.04	4,099.34	11.93	-35.46	12.21	3.56	3.28	-65.56
4,125.00	2.08	254.93	4,124.33	11.73	-36.26	12.01	1.58	1.56	-8.44
4,150.00	2.22	256.11	4,149.31	11.50	-37.17	11.78	0.59	0.56	4.72
4,175.00	2.26	254.99	4,174.29	11.26	-38.11	11.55	0.24	0.16	-4.48
4,200.00	2.24	255.56	4,199.28	11.01	-39.06	11.31	0.12	-0.08	2.28
4,225.00	2.22	254.73	4,224.26	10.76	-40.00	11.06	0.15	-0.08	-3.32
4,250.00	2.21	252.89	4,249.24	10.49	-40.93	10.80	0.29	-0.04	-7.36
4,275.00	2.21	254.24	4,274.22	10.21	-41.85	10.54	0.21	0.00	5.40
4,300.00	2.22	254.45	4,299.20	9.95	-42.78	10.28	0.05	0.04	0.84
4,325.00	2.20	253.60	4,324.18	9.69	-43.71	10.02	0.15	-0.08	-3.40
4,350.00	2.00	254.83	4,349.16	9.44	-44.59	9.78	0.82	-0.80	4.92
4,375.00	1.74	258.36	4,374.15	9.25	-45.38	9.60	1.14	-1.04	14.12
4,400.00	1.41	253.53	4,399.14	9.08	-46.05	9.44	1.42	-1.32	-19.32
4,425.00	1.06	246.09	4,424.14	8.90	-46.56	9.26	1.54	-1.40	-29.76



Survey Report



Company: Concho Resources
Project: Lea County, NM

Site: Dominator 25

Well: Dominator 25 Federal Com 606H

Wellbore: Wellbore #1

Design: Surveys

Local Co-ordinate Reference: Well Dominator 25 Federal Com 606H

TVD Reference: GL 3337.7' + 26' KB @ 3363.70usft
(Independence 205)

MD Reference: GL 3337.7' + 26' KB @ 3363.70usft
(Independence 205)

North Reference: Grid

Survey Calculation Method: Minimum Curvature

Database: EDM 5000.14 Single User Db

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)
4,450.00	0.81	225.30	4,449.13	8.69	-46.89	9.04	1.67	-1.00	-83.16
4,475.00	0.70	197.86	4,474.13	8.42	-47.07	8.78	1.49	-0.44	-109.76
4,500.00	0.77	139.96	4,499.13	8.14	-47.01	8.50	2.86	0.28	-231.60
4,525.00	0.85	126.17	4,524.13	7.90	-46.75	8.26	0.84	0.32	-55.16
4,550.00	0.95	122.97	4,549.12	7.68	-46.42	8.04	0.45	0.40	-12.80
4,575.00	0.91	116.46	4,574.12	7.48	-46.07	7.83	0.45	-0.16	-26.04
4,600.00	0.85	86.92	4,599.12	7.40	-45.71	7.75	1.81	-0.24	-118.16
4,625.00	0.66	92.19	4,624.12	7.41	-45.38	7.75	0.81	-0.76	21.08
4,650.00	0.47	358.84	4,649.11	7.50	-45.24	7.85	3.33	-0.76	-373.40
4,675.00	0.95	300.41	4,674.11	7.71	-45.42	8.06	3.24	1.92	-233.72
4,700.00	1.15	295.86	4,699.11	7.92	-45.82	8.28	0.87	0.80	-18.20
4,725.00	1.12	299.37	4,724.10	8.15	-46.26	8.51	0.30	-0.12	14.04
4,750.00	0.88	297.14	4,749.10	8.36	-46.65	8.72	0.97	-0.96	-8.92
4,775.00	0.48	304.00	4,774.10	8.51	-46.90	8.87	1.63	-1.60	27.44
4,800.00	0.25	334.32	4,799.10	8.62	-47.02	8.98	1.17	-0.92	121.28
4,825.00	0.59	99.48	4,824.10	8.64	-46.91	9.00	3.05	1.36	500.64
4,850.00	1.03	110.84	4,849.09	8.54	-46.57	8.90	1.87	1.76	45.44
4,875.00	1.37	111.84	4,874.09	8.35	-46.09	8.70	1.36	1.36	4.00
4,900.00	1.55	115.30	4,899.08	8.10	-45.50	8.44	0.80	0.72	13.84
4,925.00	1.51	113.28	4,924.07	7.82	-44.90	8.17	0.27	-0.16	-8.08
4,950.00	0.58	58.64	4,949.07	7.76	-44.49	8.10	5.06	-3.72	-218.56
4,975.00	0.75	292.06	4,974.07	7.88	-44.53	8.23	4.76	0.68	-506.32
5,000.00	1.09	288.35	4,999.06	8.02	-44.91	8.36	1.38	1.36	-14.84
5,025.00	1.23	293.05	5,024.06	8.20	-45.38	8.55	0.68	0.56	18.80
5,050.00	1.21	286.95	5,049.05	8.38	-45.88	8.73	0.53	-0.08	-24.40
5,075.00	1.25	289.97	5,074.05	8.55	-46.39	8.91	0.30	0.16	12.08
5,100.00	1.25	291.78	5,099.04	8.75	-46.90	9.11	0.16	0.00	7.24
5,125.00	1.26	289.91	5,124.04	8.94	-47.41	9.30	0.17	0.04	-7.48
5,150.00	1.29	290.40	5,149.03	9.13	-47.93	9.50	0.13	0.12	1.96
5,175.00	1.28	292.27	5,174.02	9.34	-48.45	9.71	0.17	-0.04	7.48
5,200.00	1.30	289.69	5,199.02	9.54	-48.98	9.91	0.25	0.08	-10.32
5,225.00	1.31	289.99	5,224.01	9.73	-49.51	10.11	0.05	0.04	1.20
5,250.00	1.31	288.05	5,249.00	9.92	-50.05	10.30	0.18	0.00	-7.76
5,275.00	1.32	291.23	5,274.00	10.11	-50.59	10.50	0.29	0.04	12.72
5,300.00	1.31	289.10	5,298.99	10.31	-51.13	10.70	0.20	-0.04	-8.52
5,325.00	1.31	293.10	5,323.98	10.51	-51.67	10.91	0.37	0.00	16.00
5,350.00	1.33	291.51	5,348.98	10.73	-52.20	11.13	0.17	0.08	-6.36
5,375.00	1.34	289.28	5,373.97	10.94	-52.74	11.34	0.21	0.04	-8.92
5,400.00	1.35	289.41	5,398.96	11.13	-53.30	11.54	0.04	0.04	0.52
5,425.00	1.32	292.24	5,423.96	11.34	-53.84	11.75	0.29	-0.12	11.32
5,450.00	1.30	293.27	5,448.95	11.56	-54.37	11.97	0.12	-0.08	4.12
5,475.00	1.32	290.81	5,473.94	11.77	-54.90	12.19	0.24	0.08	-9.84



Survey Report



Company: Concho Resources
Project: Lea County, NM

Site: Dominator 25

Well: Dominator 25 Federal Com 606H

Wellbore: Wellbore #1

Design: Surveys

Local Co-ordinate Reference: Well Dominator 25 Federal Com 606H
TVD Reference: GL 3337.7' + 26' KB @ 3363.70usft
(Independence 205)

MD Reference: GL 3337.7' + 26' KB @ 3363.70usft
(Independence 205)

North Reference: Grid

Survey Calculation Method: Minimum Curvature

Database: EDM 5000.14 Single User Db

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)
5,500.00	1.30	288.16	5,498.94	11.96	-55.44	12.39	0.26	-0.08	-10.60
5,525.00	1.29	292.51	5,523.93	12.16	-55.97	12.59	0.40	-0.04	17.40
5,550.00	1.30	294.50	5,548.92	12.38	-56.48	12.82	0.18	0.04	7.96
5,575.00	1.28	289.77	5,573.92	12.60	-57.01	13.03	0.43	-0.08	-18.92
5,600.00	1.29	287.87	5,598.91	12.78	-57.54	13.22	0.18	0.04	-7.60
5,625.00	1.25	289.59	5,623.91	12.95	-58.06	13.40	0.22	-0.16	6.88
5,650.00	1.36	288.88	5,648.90	13.14	-58.60	13.59	0.44	0.44	-2.84
5,675.00	1.23	294.70	5,673.89	13.35	-59.12	13.80	0.74	-0.52	23.28
5,700.00	1.27	290.64	5,698.89	13.56	-59.63	14.02	0.39	0.16	-16.24
5,725.00	1.21	290.26	5,723.88	13.75	-60.13	14.21	0.24	-0.24	-1.52
5,750.00	1.20	289.91	5,748.88	13.93	-60.63	14.39	0.05	-0.04	-1.40
5,775.00	1.23	287.01	5,773.87	14.10	-61.13	14.57	0.27	0.12	-11.60
5,800.00	1.23	288.50	5,798.86	14.26	-61.64	14.73	0.13	0.00	5.96
5,825.00	1.22	292.12	5,823.86	14.45	-62.14	14.92	0.31	-0.04	14.48
5,850.00	1.18	289.93	5,848.85	14.63	-62.63	15.11	0.24	-0.16	-8.76
5,875.00	1.21	288.66	5,873.85	14.81	-63.12	15.29	0.16	0.12	-5.08
5,900.00	1.17	285.69	5,898.84	14.96	-63.62	15.45	0.29	-0.16	-11.88
5,925.00	1.16	286.73	5,923.84	15.10	-64.11	15.59	0.09	-0.04	4.16
5,950.00	1.15	282.58	5,948.83	15.23	-64.59	15.72	0.34	-0.04	-16.60
5,975.00	1.18	290.78	5,973.83	15.37	-65.08	15.87	0.68	0.12	32.80
6,000.00	1.18	284.68	5,998.82	15.53	-65.57	16.03	0.50	0.00	-24.40
6,025.00	1.06	288.65	6,023.82	15.67	-66.04	16.18	0.57	-0.48	15.88
6,050.00	1.13	287.31	6,048.81	15.82	-66.49	16.33	0.30	0.28	-5.36
6,075.00	1.05	284.14	6,073.81	15.95	-66.95	16.46	0.40	-0.32	-12.68
6,100.00	1.04	281.93	6,098.80	16.05	-67.39	16.57	0.17	-0.04	-8.84
6,125.00	1.01	287.33	6,123.80	16.16	-67.83	16.68	0.40	-0.12	21.60
6,150.00	1.07	293.51	6,148.80	16.32	-68.25	16.85	0.51	0.24	24.72
6,175.00	1.01	285.11	6,173.79	16.47	-68.68	17.00	0.65	-0.24	-33.60
6,200.00	1.07	289.82	6,198.79	16.61	-69.11	17.14	0.42	0.24	18.84
6,225.00	1.03	287.58	6,223.78	16.76	-69.54	17.29	0.23	-0.16	-8.96
6,250.00	1.03	290.18	6,248.78	16.90	-69.97	17.44	0.19	0.00	10.40
6,275.00	1.01	289.55	6,273.78	17.05	-70.39	17.59	0.09	-0.08	-2.52
6,300.00	0.98	291.52	6,298.77	17.20	-70.79	17.75	0.18	-0.12	7.88
6,325.00	0.98	283.33	6,323.77	17.33	-71.20	17.88	0.56	0.00	-32.76
6,350.00	0.95	289.96	6,348.76	17.45	-71.60	18.00	0.46	-0.12	26.52
6,375.00	0.98	288.09	6,373.76	17.59	-72.00	18.14	0.17	0.12	-7.48
6,400.00	0.94	289.83	6,398.76	17.73	-72.40	18.28	0.20	-0.16	6.96
6,425.00	0.96	288.43	6,423.75	17.86	-72.79	18.42	0.12	0.08	-5.60
6,450.00	0.94	292.45	6,448.75	18.01	-73.18	18.57	0.28	-0.08	16.08
6,475.00	1.01	287.01	6,473.75	18.15	-73.58	18.71	0.46	0.28	-21.76
6,500.00	0.92	295.16	6,498.74	18.30	-73.97	18.87	0.66	-0.36	32.60
6,525.00	0.95	294.20	6,523.74	18.47	-74.34	19.04	0.14	0.12	-3.84



Survey Report



Company: Concho Resources
Project: Lea County, NM
Site: Dominator 25
Well: Dominator 25 Federal Com 606H
Wellbore: Wellbore #1
Design: Surveys

Local Co-ordinate Reference: Well Dominator 25 Federal Com 606H
TVD Reference: GL 3337.7' + 26' KB @ 3363.70usft
(Independence 205)
MD Reference: GL 3337.7' + 26' KB @ 3363.70usft
(Independence 205)
North Reference: Grid
Survey Calculation Method: Minimum Curvature
Database: EDM 5000.14 Single User Db

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)
6,550.00	1.14	287.95	6,548.74	18.63	-74.77	19.20	0.89	0.76	-25.00
6,575.00	1.32	293.82	6,573.73	18.82	-75.27	19.40	0.88	0.72	23.48
6,600.00	1.31	294.77	6,598.72	19.06	-75.79	19.64	0.10	-0.04	3.80
6,625.00	1.26	297.96	6,623.72	19.31	-76.29	19.89	0.35	-0.20	12.76
6,650.00	1.31	296.63	6,648.71	19.56	-76.79	20.15	0.23	0.20	-5.32
6,675.00	1.32	298.00	6,673.70	19.83	-77.30	20.42	0.13	0.04	5.48
6,700.00	1.34	295.81	6,698.70	20.09	-77.82	20.69	0.22	0.08	-8.76
6,725.00	1.32	297.36	6,723.69	20.35	-78.33	20.95	0.16	-0.08	6.20
6,750.00	1.33	298.22	6,748.68	20.62	-78.85	21.22	0.09	0.04	3.44
6,775.00	1.34	295.91	6,773.68	20.88	-79.36	21.49	0.22	0.04	-9.24
6,800.00	1.38	296.77	6,798.67	21.15	-79.90	21.76	0.18	0.16	3.44
6,825.00	1.44	294.21	6,823.66	21.41	-80.45	22.03	0.35	0.24	-10.24
6,850.00	1.89	269.40	6,848.65	21.54	-81.15	22.16	3.36	1.80	-99.24
6,875.00	2.22	263.34	6,873.64	21.48	-82.04	22.11	1.58	1.32	-24.24
6,900.00	2.39	259.46	6,898.62	21.32	-83.04	21.96	0.92	0.68	-15.52
6,925.00	2.41	258.19	6,923.59	21.12	-84.06	21.77	0.23	0.08	-5.08
6,950.00	2.36	256.71	6,948.57	20.90	-85.08	21.55	0.32	-0.20	-5.92
6,975.00	2.31	253.37	6,973.55	20.63	-86.06	21.29	0.58	-0.20	-13.36
7,000.00	2.25	253.03	6,998.53	20.35	-87.02	21.01	0.25	-0.24	-1.36
7,025.00	2.28	250.82	7,023.51	20.04	-87.95	20.71	0.37	0.12	-8.84
7,050.00	2.24	250.74	7,048.49	19.71	-88.89	20.40	0.16	-0.16	-0.32
7,075.00	2.27	249.45	7,073.47	19.38	-89.81	20.07	0.24	0.12	-5.16
7,100.00	2.18	251.32	7,098.45	19.05	-90.72	19.75	0.46	-0.36	7.48
7,125.00	2.15	252.46	7,123.44	18.76	-91.62	19.46	0.21	-0.12	4.56
7,150.00	2.14	246.68	7,148.42	18.43	-92.50	19.14	0.87	-0.04	-23.12
7,175.00	2.08	247.59	7,173.40	18.08	-93.35	18.79	0.27	-0.24	3.64
7,200.00	2.10	249.10	7,198.39	17.74	-94.19	18.46	0.23	0.08	6.04
7,225.00	1.95	246.11	7,223.37	17.40	-95.01	18.13	0.73	-0.60	-11.96
7,250.00	1.95	245.81	7,248.36	17.06	-95.79	17.79	0.04	0.00	-1.20
7,275.00	1.92	241.40	7,273.34	16.68	-96.54	17.42	0.61	-0.12	-17.64
7,300.00	1.87	240.94	7,298.33	16.28	-97.27	17.03	0.21	-0.20	-1.84
7,325.00	1.80	244.71	7,323.31	15.92	-97.98	16.67	0.56	-0.28	15.08
7,350.00	1.76	241.10	7,348.30	15.57	-98.67	16.32	0.48	-0.16	-14.44
7,375.00	1.75	243.94	7,373.29	15.21	-99.35	15.97	0.35	-0.04	11.36
7,400.00	1.73	242.86	7,398.28	14.87	-100.03	15.64	0.15	-0.08	-4.32
7,425.00	1.74	240.08	7,423.27	14.51	-100.69	15.28	0.34	0.04	-11.12
7,450.00	1.65	239.50	7,448.26	14.14	-101.33	14.92	0.37	-0.36	-2.32
7,475.00	1.66	244.11	7,473.25	13.80	-101.97	14.58	0.53	0.04	18.44
7,500.00	1.62	238.32	7,498.24	13.45	-102.59	14.24	0.68	-0.16	-23.16
7,525.00	1.59	234.99	7,523.23	13.07	-103.18	13.86	0.39	-0.12	-13.32
7,550.00	1.61	236.91	7,548.22	12.68	-103.76	13.48	0.23	0.08	7.68
7,575.00	1.57	237.41	7,573.21	12.30	-104.34	13.10	0.17	-0.16	2.00

Company: Concho Resources
Project: Lea County, NM
Site: Dominator 25
Well: Dominator 25 Federal Com 606H
Wellbore: Wellbore #1
Design: Surveys

Local Co-ordinate Reference: Well Dominator 25 Federal Com 606H
TVD Reference: GL 3337.7' + 26' KB @ 3363.70usft
 (Independence 205)
MD Reference: GL 3337.7' + 26' KB @ 3363.70usft
 (Independence 205)
North Reference: Grid
Survey Calculation Method: Minimum Curvature
Database: EDM 5000.14 Single User Db

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)
7,600.00	1.55	238.56	7,598.20	11.94	-104.92	12.75	0.15	-0.08	4.60
7,625.00	1.55	237.16	7,623.19	11.58	-105.49	12.39	0.15	0.00	-5.60
7,650.00	1.53	236.21	7,648.18	11.21	-106.05	12.03	0.13	-0.08	-3.80
7,675.00	1.54	232.33	7,673.17	10.82	-106.59	11.64	0.42	0.04	-15.52
7,700.00	1.49	233.09	7,698.16	10.42	-107.12	11.24	0.22	-0.20	3.04
7,725.00	1.53	233.57	7,723.15	10.03	-107.65	10.85	0.17	0.16	1.92
7,750.00	1.54	228.27	7,748.14	9.61	-108.17	10.44	0.57	0.04	-21.20
7,775.00	1.55	236.49	7,773.14	9.20	-108.70	10.03	0.89	0.04	32.88
7,800.00	1.52	234.57	7,798.13	8.82	-109.25	9.66	0.24	-0.12	-7.68
7,825.00	1.53	237.84	7,823.12	8.45	-109.80	9.29	0.35	0.04	13.08
7,850.00	1.55	231.43	7,848.11	8.06	-110.35	8.91	0.69	0.08	-25.64
7,875.00	1.54	235.14	7,873.10	7.66	-110.89	8.51	0.40	-0.04	14.84
7,900.00	1.40	257.09	7,898.09	7.40	-111.46	8.25	2.31	-0.56	87.80
7,925.00	1.35	263.86	7,923.08	7.30	-112.05	8.16	0.68	-0.20	27.08
7,950.00	1.42	261.39	7,948.08	7.22	-112.65	8.08	0.37	0.28	-9.88
7,975.00	1.43	259.97	7,973.07	7.12	-113.27	7.99	0.15	0.04	-5.68
8,000.00	1.42	263.95	7,998.06	7.03	-113.88	7.90	0.40	-0.04	15.92
8,025.00	1.45	261.04	8,023.05	6.95	-114.50	7.83	0.32	0.12	-11.64
8,050.00	1.55	260.47	8,048.05	6.84	-115.15	7.73	0.40	0.40	-2.28
8,075.00	1.69	259.05	8,073.04	6.72	-115.84	7.61	0.58	0.56	-5.68
8,100.00	1.80	256.59	8,098.02	6.56	-116.59	7.45	0.53	0.44	-9.84
8,125.00	1.85	261.88	8,123.01	6.41	-117.37	7.31	0.70	0.20	21.16
8,150.00	1.86	260.35	8,148.00	6.28	-118.17	7.19	0.20	0.04	-6.12
8,175.00	2.06	261.10	8,172.98	6.15	-119.01	7.06	0.81	0.80	3.00
8,200.00	2.16	261.03	8,197.97	6.00	-119.92	6.92	0.40	0.40	-0.28
8,225.00	2.19	262.91	8,222.95	5.87	-120.86	6.80	0.31	0.12	7.52
8,250.00	2.35	266.37	8,247.93	5.78	-121.85	6.71	0.84	0.64	13.84
8,275.00	3.41	273.13	8,272.90	5.79	-123.10	6.73	4.45	4.24	27.04
8,300.00	3.94	277.43	8,297.85	5.94	-124.70	6.90	2.39	2.12	17.20
8,325.00	4.03	276.19	8,322.78	6.14	-126.42	7.12	0.50	0.36	-4.96
8,350.00	4.03	276.27	8,347.72	6.34	-128.17	7.32	0.02	0.00	0.32
8,375.00	4.03	275.82	8,372.66	6.52	-129.91	7.52	0.13	0.00	-1.80
8,400.00	3.91	276.86	8,397.60	6.71	-131.63	7.72	0.56	-0.48	4.16
8,425.00	3.80	278.20	8,422.54	6.93	-133.30	7.95	0.57	-0.44	5.36
8,450.00	3.72	276.56	8,447.49	7.14	-134.93	8.18	0.54	-0.32	-6.56
8,475.00	3.73	277.34	8,472.44	7.34	-136.54	8.39	0.21	0.04	3.12
8,500.00	3.76	276.62	8,497.38	7.54	-138.16	8.60	0.22	0.12	-2.88
8,525.00	3.83	276.77	8,522.33	7.73	-139.80	8.80	0.28	0.28	0.60
8,550.00	4.26	275.05	8,547.27	7.91	-141.56	9.00	1.79	1.72	-6.88
8,575.00	4.72	273.13	8,572.19	8.05	-143.51	9.15	1.94	1.84	-7.68
8,600.00	4.78	274.07	8,597.10	8.18	-145.57	9.30	0.39	0.24	3.76
8,625.00	4.77	273.65	8,622.02	8.32	-147.65	9.45	0.15	-0.04	-1.68

Company: Concho Resources
Project: Lea County, NM
Site: Dominator 25
Well: Dominator 25 Federal Com 606H
Wellbore: Wellbore #1
Design: Surveys

Local Co-ordinate Reference: Well Dominator 25 Federal Com 606H
TVD Reference: GL 3337.7' + 26' KB @ 3363.70usft (Independence 205)
MD Reference: GL 3337.7' + 26' KB @ 3363.70usft (Independence 205)
North Reference: Grid
Survey Calculation Method: Minimum Curvature
Database: EDM 5000.14 Single User Db

Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
8,650.00	4.72	274.28	8,646.93	8.46	-149.71	9.61	0.29	-0.20	2.52
8,675.00	4.77	272.67	8,671.85	8.59	-151.78	9.75	0.57	0.20	-6.44
8,700.00	4.67	272.79	8,696.76	8.68	-153.83	9.87	0.40	-0.40	0.48
8,725.00	4.52	272.54	8,721.68	8.78	-155.83	9.97	0.61	-0.60	-1.00
8,750.00	4.48	272.93	8,746.60	8.87	-157.79	10.08	0.20	-0.16	1.56
8,775.00	4.35	273.22	8,771.53	8.97	-159.71	10.20	0.53	-0.52	1.16
8,800.00	4.27	272.61	8,796.46	9.07	-161.59	10.31	0.37	-0.32	-2.44
8,825.00	4.29	272.84	8,821.39	9.16	-163.45	10.41	0.11	0.08	0.92
8,850.00	4.21	271.34	8,846.32	9.23	-165.31	10.50	0.55	-0.32	-6.00
8,875.00	4.06	272.33	8,871.26	9.28	-167.11	10.57	0.66	-0.60	3.96
8,900.00	4.08	270.80	8,896.19	9.33	-168.88	10.63	0.44	0.08	-6.12
8,925.00	4.00	270.33	8,921.13	9.35	-170.64	10.66	0.35	-0.32	-1.88
8,950.00	3.92	270.59	8,946.07	9.36	-172.37	10.69	0.33	-0.32	1.04
8,975.00	3.84	269.71	8,971.01	9.37	-174.06	10.70	0.40	-0.32	-3.52
9,000.00	3.75	270.69	8,995.96	9.37	-175.71	10.72	0.44	-0.36	3.92
9,025.00	3.71	270.92	9,020.91	9.40	-177.34	10.76	0.17	-0.16	0.92
9,050.00	3.66	271.75	9,045.85	9.43	-178.95	10.81	0.29	-0.20	3.32
9,075.00	3.58	270.23	9,070.80	9.46	-180.53	10.85	0.50	-0.32	-6.08
9,100.00	3.46	271.37	9,095.76	9.48	-182.06	10.88	0.56	-0.48	4.56
9,125.00	3.50	269.55	9,120.71	9.49	-183.58	10.90	0.47	0.16	-7.28
9,150.00	3.51	271.50	9,145.66	9.51	-185.11	10.93	0.48	0.04	7.80
9,175.00	3.51	269.86	9,170.62	9.53	-186.64	10.96	0.40	0.00	-6.56
9,200.00	3.44	269.65	9,195.57	9.52	-188.15	10.96	0.28	-0.28	-0.84
9,225.00	3.66	266.63	9,220.52	9.47	-189.70	10.93	1.15	0.88	-12.08
9,250.00	3.74	265.84	9,245.47	9.36	-191.31	10.83	0.38	0.32	-3.16
9,275.00	3.76	266.59	9,270.42	9.25	-192.94	10.74	0.21	0.08	3.00
9,300.00	3.83	265.93	9,295.36	9.15	-194.59	10.64	0.33	0.28	-2.64
9,325.00	3.81	266.98	9,320.31	9.04	-196.25	10.55	0.29	-0.08	4.20
9,350.00	3.64	266.34	9,345.26	8.95	-197.87	10.47	0.70	-0.68	-2.56
9,375.00	3.57	267.44	9,370.21	8.86	-199.44	10.40	0.39	-0.28	4.40
9,400.00	3.57	266.59	9,395.16	8.78	-201.00	10.33	0.21	0.00	-3.40
9,425.00	3.52	267.46	9,420.11	8.70	-202.54	10.26	0.29	-0.20	3.48
9,450.00	3.46	267.06	9,445.06	8.63	-204.06	10.20	0.26	-0.24	-1.60
9,475.00	3.40	267.22	9,470.02	8.55	-205.56	10.13	0.24	-0.24	0.64
9,500.00	3.47	269.01	9,494.97	8.51	-207.05	10.10	0.51	0.28	7.16
9,525.00	3.62	269.20	9,519.93	8.48	-208.60	10.08	0.60	0.60	0.76
9,550.00	3.63	271.24	9,544.88	8.49	-210.18	10.10	0.52	0.04	8.16
9,575.00	3.55	271.17	9,569.83	8.52	-211.74	10.15	0.32	-0.32	-0.28
9,600.00	3.49	273.61	9,594.78	8.58	-213.28	10.22	0.65	-0.24	9.76
9,625.00	3.51	270.94	9,619.73	8.65	-214.80	10.29	0.66	0.08	-10.68
9,650.00	3.58	271.58	9,644.68	8.68	-216.35	10.34	0.32	0.28	2.56
9,675.00	3.68	270.70	9,669.63	8.71	-217.93	10.38	0.46	0.40	-3.52

Company: Concho Resources
Project: Lea County, NM
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Wellbore: Wellbore #1
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TVD Reference: GL 3337.7' + 26' KB @ 3363.70usft (Independence 205)
MD Reference: GL 3337.7' + 26' KB @ 3363.70usft (Independence 205)
North Reference: Grid
Survey Calculation Method: Minimum Curvature
Database: EDM 5000.14 Single User Db

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)
9,700.00	4.58	266.99	9,694.57	8.67	-219.73	10.35	3.75	3.60	-14.84
9,725.00	4.85	267.20	9,719.48	8.56	-221.78	10.27	1.08	1.08	0.84
9,750.00	4.90	266.32	9,744.39	8.44	-223.90	10.16	0.36	0.20	-3.52
9,775.00	4.93	265.71	9,769.30	8.29	-226.04	10.03	0.24	0.12	-2.44
9,800.00	4.80	265.75	9,794.21	8.14	-228.15	9.89	0.52	-0.52	0.16
9,825.00	4.57	264.99	9,819.13	7.97	-230.19	9.74	0.95	-0.92	-3.04
9,850.00	4.46	265.66	9,844.05	7.81	-232.15	9.59	0.49	-0.44	2.68
9,875.00	4.36	264.51	9,868.98	7.65	-234.06	9.44	0.53	-0.40	-4.60
9,900.00	4.32	265.07	9,893.91	7.48	-235.95	9.29	0.23	-0.16	2.24
9,925.00	4.30	265.22	9,918.83	7.32	-237.82	9.14	0.09	-0.08	0.60
9,950.00	4.20	265.12	9,943.77	7.16	-239.67	9.00	0.40	-0.40	-0.40
9,975.00	4.21	263.79	9,968.70	6.98	-241.49	8.84	0.39	0.04	-5.32
10,000.00	4.10	263.99	9,993.63	6.79	-243.29	8.66	0.44	-0.44	0.80
10,025.00	3.97	264.05	10,018.57	6.61	-245.04	8.49	0.52	-0.52	0.24
10,050.00	3.83	262.50	10,043.51	6.41	-246.73	8.30	0.70	-0.56	-6.20
10,075.00	3.63	262.68	10,068.46	6.20	-248.34	8.11	0.80	-0.80	0.72
10,100.00	3.63	263.27	10,093.41	6.01	-249.91	7.92	0.15	0.00	2.36
10,125.00	3.58	260.35	10,118.36	5.78	-251.47	7.71	0.76	-0.20	-11.68
10,150.00	3.56	258.03	10,143.31	5.49	-253.00	7.43	0.58	-0.08	-9.28
10,175.00	3.46	254.54	10,168.27	5.13	-254.49	7.08	0.94	-0.40	-13.96
10,200.00	3.42	252.62	10,193.22	4.70	-255.92	6.67	0.49	-0.16	-7.68
10,225.00	3.43	250.34	10,218.18	4.23	-257.34	6.21	0.55	0.04	-9.12
10,250.00	3.53	248.75	10,243.13	3.70	-258.76	5.69	0.56	0.40	-6.36
10,275.00	3.68	250.58	10,268.08	3.15	-260.24	5.15	0.76	0.60	7.32
10,300.00	3.66	250.78	10,293.03	2.62	-261.75	4.63	0.09	-0.08	0.80
10,325.00	3.74	250.54	10,317.98	2.09	-263.27	4.11	0.33	0.32	-0.96
10,350.00	3.94	251.43	10,342.92	1.54	-264.85	3.58	0.83	0.80	3.56
10,375.00	4.30	256.78	10,367.86	1.06	-266.58	3.10	2.11	1.44	21.40
10,400.00	4.75	261.30	10,392.78	0.69	-268.51	2.75	2.30	1.80	18.08
10,425.00	4.81	262.25	10,417.69	0.39	-270.57	2.47	0.40	0.24	3.80
10,450.00	4.95	267.73	10,442.60	0.20	-272.69	2.30	1.95	0.56	21.92
10,475.00	5.07	270.73	10,467.51	0.17	-274.87	2.29	1.15	0.48	12.00
10,500.00	5.16	271.69	10,492.41	0.22	-277.10	2.35	0.50	0.36	3.84
10,525.00	5.12	271.12	10,517.31	0.28	-279.34	2.42	0.26	-0.16	-2.28
10,550.00	5.04	273.03	10,542.21	0.36	-281.55	2.52	0.75	-0.32	7.64
10,575.00	4.97	274.38	10,567.11	0.50	-283.73	2.68	0.55	-0.28	5.40
10,600.00	5.02	275.00	10,592.02	0.68	-285.90	2.87	0.29	0.20	2.48
10,625.00	4.95	275.09	10,616.92	0.87	-288.06	3.08	0.28	-0.28	0.36
10,650.00	4.79	276.40	10,641.83	1.08	-290.17	3.31	0.78	-0.64	5.24
10,675.00	4.70	276.50	10,666.75	1.31	-292.23	3.56	0.36	-0.36	0.40
10,700.00	4.67	275.75	10,691.66	1.53	-294.26	3.79	0.27	-0.12	-3.00
10,725.00	4.62	275.81	10,716.58	1.73	-296.27	4.01	0.20	-0.20	0.24



Survey Report



Company: Concho Resources
Project: Lea County, NM

Site: Dominator 25

Well: Dominator 25 Federal Com 606H

Wellbore: Wellbore #1

Design: Surveys

Local Co-ordinate Reference: Well Dominator 25 Federal Com 606H

TVD Reference: GL 3337.7' + 26' KB @ 3363.70usft
(Independence 205)

MD Reference: GL 3337.7' + 26' KB @ 3363.70usft
(Independence 205)

North Reference: Grid

Survey Calculation Method: Minimum Curvature

Database: EDM 5000.14 Single User Db

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)
10,750.00	4.58	273.77	10,741.50	1.90	-298.27	4.19	0.67	-0.16	-8.16
10,775.00	4.50	274.79	10,766.42	2.05	-300.24	4.35	0.45	-0.32	4.08
10,800.00	4.59	272.94	10,791.34	2.18	-302.22	4.50	0.69	0.36	-7.40
10,825.00	4.56	273.26	10,816.26	2.29	-304.21	4.63	0.16	-0.12	1.28
10,850.00	4.61	272.33	10,841.18	2.39	-306.21	4.74	0.36	0.20	-3.72
10,875.00	4.44	271.94	10,866.11	2.46	-308.18	4.83	0.69	-0.68	-1.56
10,900.00	4.28	271.65	10,891.03	2.52	-310.08	4.90	0.65	-0.64	-1.16
10,925.00	4.19	271.97	10,915.96	2.58	-311.92	4.97	0.37	-0.36	1.28
10,950.00	4.21	271.98	10,940.90	2.64	-313.75	5.05	0.08	0.08	0.04
10,975.00	4.25	270.20	10,965.83	2.68	-315.60	5.10	0.55	0.16	-7.12
11,000.00	4.33	271.70	10,990.76	2.71	-317.47	5.15	0.55	0.32	6.00
11,025.00	4.30	270.44	11,015.69	2.74	-319.35	5.19	0.40	-0.12	-5.04
11,050.00	4.40	271.11	11,040.62	2.77	-321.24	5.23	0.45	0.40	2.68
11,075.00	4.39	270.88	11,065.54	2.80	-323.16	5.28	0.08	-0.04	-0.92
11,100.00	4.51	270.71	11,090.47	2.83	-325.10	5.32	0.48	0.48	-0.68
11,125.00	4.56	271.35	11,115.39	2.86	-327.07	5.38	0.28	0.20	2.56
11,150.00	4.73	269.77	11,140.31	2.88	-329.10	5.41	0.85	0.68	-6.32
11,175.00	4.76	271.02	11,165.22	2.90	-331.17	5.44	0.43	0.12	5.00
11,200.00	4.93	269.75	11,190.13	2.91	-333.28	5.47	0.80	0.68	-5.08
11,225.00	5.08	271.12	11,215.04	2.93	-335.46	5.50	0.77	0.60	5.48
11,250.00	5.11	271.04	11,239.94	2.97	-337.68	5.56	0.12	0.12	-0.32
11,275.00	5.05	271.44	11,264.84	3.02	-339.89	5.63	0.28	-0.24	1.60
11,300.00	4.94	271.44	11,289.75	3.07	-342.07	5.70	0.44	-0.44	0.00
11,325.00	4.79	270.64	11,314.65	3.11	-344.19	5.75	0.66	-0.60	-3.20
11,350.00	4.75	269.48	11,339.57	3.11	-346.27	5.77	0.42	-0.16	-4.64
11,375.00	4.75	269.04	11,364.48	3.09	-348.34	5.76	0.15	0.00	-1.76
11,400.00	4.83	268.79	11,389.40	3.05	-350.42	5.74	0.33	0.32	-1.00
11,425.00	4.94	268.92	11,414.30	3.00	-352.55	5.71	0.44	0.44	0.52
11,450.00	4.93	269.14	11,439.21	2.97	-354.70	5.69	0.09	-0.04	0.88
11,475.00	4.84	268.44	11,464.12	2.92	-356.83	5.66	0.43	-0.36	-2.80
11,500.00	4.65	269.85	11,489.04	2.89	-358.90	5.65	0.89	-0.76	5.64
11,525.00	4.69	268.59	11,513.95	2.86	-360.93	5.64	0.44	0.16	-5.04
11,703.00	3.97	261.69	11,691.44	1.79	-374.31	4.67	0.50	-0.40	-3.88
First Scout MWD Survey @ 11703.00' MD									
11,797.00	2.82	264.24	11,785.28	1.09	-379.83	4.01	1.23	-1.22	2.71
11,892.00	0.25	158.62	11,880.24	0.66	-382.08	3.60	3.05	-2.71	-111.18
11,954.00	5.15	337.67	11,942.16	3.11	-383.09	6.06	8.71	7.90	288.79
11,986.00	9.29	343.41	11,973.90	6.92	-384.37	9.87	13.12	12.94	17.94
12,017.00	12.69	345.30	12,004.33	12.61	-385.95	15.58	11.03	10.97	6.10
12,048.00	13.29	350.76	12,034.53	19.42	-387.38	22.40	4.40	1.94	17.61
12,079.00	15.29	353.78	12,064.57	27.01	-388.40	29.99	6.88	6.45	9.74
12,138.00	16.43	359.48	12,121.33	43.08	-389.32	46.07	3.27	1.93	9.66

Company: Concho Resources
Project: Lea County, NM
Site: Dominator 25
Well: Dominator 25 Federal Com 606H
Wellbore: Wellbore #1
Design: Surveys

Local Co-ordinate Reference: Well Dominator 25 Federal Com 606H
TVD Reference: GL 3337.7' + 26' KB @ 3363.70usft (Independence 205)
MD Reference: GL 3337.7' + 26' KB @ 3363.70usft (Independence 205)
North Reference: Grid
Survey Calculation Method: Minimum Curvature
Database: EDM 5000.14 Single User Db

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)
12,150.00	16.47	358.86	12,132.84	46.48	-389.37	49.47	1.49	0.31	-5.16
Crossed FTP @ 12150.00' MD									
12,175.00	16.55	357.58	12,156.81	53.58	-389.59	56.57	1.49	0.33	-5.12
12,221.00	18.41	354.34	12,200.68	67.36	-390.58	70.35	4.56	4.04	-7.04
12,268.00	28.73	350.36	12,243.71	85.93	-393.21	88.95	22.21	21.96	-8.47
12,299.00	34.21	352.57	12,270.14	101.93	-395.59	104.96	18.06	17.68	7.13
12,340.00	40.51	351.28	12,302.71	126.55	-399.10	129.61	15.48	15.37	-3.15
12,389.00	45.85	351.68	12,338.43	159.70	-404.06	162.79	10.91	10.90	0.82
12,436.00	49.16	356.52	12,370.19	194.15	-407.58	197.27	10.35	7.04	10.30
12,484.00	54.52	357.90	12,399.83	231.83	-409.40	234.97	11.39	11.17	2.88
12,531.00	61.26	359.01	12,424.80	271.60	-410.46	274.75	14.48	14.34	2.36
12,581.00	65.99	0.27	12,447.01	316.38	-410.73	319.53	9.73	9.46	2.52
12,628.00	75.11	4.65	12,462.65	360.60	-408.78	363.73	21.30	19.40	9.32
12,676.00	82.14	5.57	12,472.11	407.44	-404.59	410.53	14.77	14.65	1.92
12,723.00	86.28	6.97	12,476.85	453.91	-399.48	456.96	9.29	8.81	2.98
12,739.00	86.70	7.40	12,477.83	469.75	-397.49	472.79	3.75	2.63	2.69
12,770.00	87.90	7.71	12,479.29	500.45	-393.41	503.45	4.00	3.87	1.00
12,802.00	86.05	6.43	12,480.98	532.16	-389.48	535.13	7.03	-5.78	-4.00
12,833.00	84.39	5.27	12,483.56	562.89	-386.33	565.84	6.53	-5.35	-3.74
12,864.00	83.21	4.47	12,486.91	593.59	-383.72	596.52	4.59	-3.81	-2.58
12,896.00	83.13	5.03	12,490.72	625.26	-381.09	628.16	1.76	-0.25	1.75
12,927.00	83.29	5.58	12,494.38	655.91	-378.24	658.79	1.84	0.52	1.77
12,959.00	84.22	5.67	12,497.86	687.56	-375.12	690.42	2.92	2.91	0.28
12,992.00	85.82	4.15	12,500.73	720.32	-372.31	723.15	6.68	4.85	-4.61
13,023.00	86.58	4.09	12,502.78	751.17	-370.09	753.99	2.46	2.45	-0.19
13,054.00	88.63	3.07	12,504.08	782.08	-368.15	784.88	7.38	6.61	-3.29
13,117.00	89.66	2.76	12,505.02	844.99	-364.95	847.77	1.71	1.63	-0.49
13,183.00	89.86	2.02	12,505.29	910.93	-362.20	913.69	1.16	0.30	-1.12
13,211.00	90.20	2.24	12,505.28	938.91	-361.16	941.66	1.45	1.21	0.79
13,305.00	92.44	2.00	12,503.11	1,032.82	-357.68	1,035.53	2.40	2.38	-0.26
13,400.00	89.83	1.59	12,501.23	1,127.74	-354.70	1,130.43	2.78	-2.75	-0.43
13,495.00	85.94	358.33	12,504.74	1,222.65	-354.77	1,225.33	5.34	-4.09	-3.43
13,589.00	88.88	357.81	12,508.99	1,316.49	-357.93	1,319.20	3.18	3.13	-0.55
13,683.00	88.29	357.99	12,511.31	1,410.39	-361.37	1,413.13	0.66	-0.63	0.19
13,777.00	88.82	358.73	12,513.68	1,504.32	-364.06	1,507.08	0.97	0.56	0.79
13,871.00	88.01	358.74	12,516.28	1,598.27	-366.14	1,601.03	0.86	-0.86	0.01
13,965.00	91.62	358.32	12,516.58	1,692.22	-368.55	1,695.00	3.87	3.84	-0.45
14,058.00	92.30	357.28	12,513.40	1,785.09	-372.12	1,787.90	1.34	0.73	-1.12
14,152.00	90.90	359.66	12,510.77	1,879.01	-374.62	1,881.84	2.94	-1.49	2.53
14,247.00	89.86	359.37	12,510.14	1,974.01	-375.43	1,976.83	1.14	-1.09	-0.31
14,340.00	90.90	359.16	12,509.53	2,067.00	-376.62	2,069.83	1.14	1.12	-0.23
14,434.00	88.82	359.69	12,509.76	2,160.99	-377.56	2,163.82	2.28	-2.21	0.56

Company: Concho Resources
Project: Lea County, NM

Site: Dominator 25

Well: Dominator 25 Federal Com 606H

Wellbore: Wellbore #1

Design: Surveys

Local Co-ordinate Reference: Well Dominator 25 Federal Com 606H

TVD Reference: GL 3337.7' + 26' KB @ 3363.70usft
(Independence 205)

MD Reference: GL 3337.7' + 26' KB @ 3363.70usft
(Independence 205)

North Reference: Grid

Survey Calculation Method: Minimum Curvature

Database: EDM 5000.14 Single User Db

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)
14,528.00	88.35	359.88	12,512.08	2,254.96	-377.92	2,257.79	0.54	-0.50	0.20
14,621.00	91.04	359.94	12,512.57	2,347.95	-378.06	2,350.78	2.89	2.89	0.06
14,715.00	92.41	359.46	12,509.74	2,441.90	-378.56	2,444.73	1.54	1.46	-0.51
14,810.00	91.40	359.72	12,506.59	2,536.84	-379.23	2,539.68	1.10	-1.06	0.27
14,904.00	91.71	0.50	12,504.04	2,630.81	-379.05	2,633.64	0.89	0.33	0.83
14,996.00	90.11	359.96	12,502.57	2,722.79	-378.69	2,725.62	1.84	-1.74	-0.59
15,091.00	89.86	359.08	12,502.60	2,817.79	-379.48	2,820.62	0.96	-0.26	-0.93
15,186.00	89.58	359.63	12,503.06	2,912.78	-380.55	2,915.62	0.65	-0.29	0.58
15,210.00	89.61	359.67	12,503.23	2,936.78	-380.70	2,939.62	0.21	0.13	0.17
15,280.00	91.68	359.31	12,502.45	3,006.77	-381.32	3,009.61	3.00	2.96	-0.51
15,374.00	89.08	359.50	12,501.82	3,100.75	-382.30	3,103.60	2.77	-2.77	0.20
15,469.00	88.77	358.88	12,503.60	3,195.73	-383.64	3,198.58	0.73	-0.33	-0.65
15,490.00	88.63	358.78	12,504.08	3,216.72	-384.07	3,219.57	0.82	-0.67	-0.48
15,562.00	89.75	358.93	12,505.10	3,288.69	-385.51	3,291.56	1.57	1.56	0.21
15,632.00	89.78	358.83	12,505.39	3,358.68	-386.87	3,361.55	0.15	0.04	-0.14
15,657.00	89.24	359.42	12,505.60	3,383.68	-387.26	3,386.55	3.20	-2.16	2.36
15,751.00	89.50	359.95	12,506.63	3,477.67	-387.77	3,480.54	0.63	0.28	0.56
15,845.00	90.22	0.57	12,506.86	3,571.67	-387.35	3,574.53	1.01	0.77	0.66
15,939.00	91.62	1.38	12,505.35	3,665.64	-385.75	3,668.49	1.72	1.49	0.86
16,033.00	90.39	1.45	12,503.70	3,759.59	-383.43	3,762.43	1.31	-1.31	0.07
16,128.00	87.73	2.91	12,505.26	3,854.50	-379.81	3,857.30	3.19	-2.80	1.54
16,175.00	88.26	3.28	12,506.91	3,901.40	-377.28	3,904.18	1.37	1.13	0.79
16,222.00	90.06	4.84	12,507.60	3,948.28	-373.95	3,951.03	5.07	3.83	3.32
16,317.00	91.99	3.52	12,505.90	4,043.00	-367.03	4,045.70	2.46	2.03	-1.39
16,410.00	92.60	359.74	12,502.17	4,135.87	-364.38	4,138.55	4.11	0.66	-4.06
16,505.00	94.04	359.65	12,496.67	4,230.71	-364.89	4,233.39	1.52	1.52	-0.09
16,598.00	92.75	358.23	12,491.16	4,323.52	-366.61	4,326.21	2.06	-1.39	-1.53
16,693.00	90.50	356.79	12,488.47	4,418.39	-370.73	4,421.10	2.81	-2.37	-1.52
16,787.00	89.41	357.11	12,488.54	4,512.25	-375.73	4,515.01	1.21	-1.16	0.34
16,880.00	88.57	357.17	12,490.18	4,605.12	-380.37	4,607.91	0.91	-0.90	0.06
16,938.00	87.97	357.58	12,491.93	4,663.03	-383.03	4,665.84	1.26	-1.04	0.70
Crossed LTP @ 16938.00' MD									
16,974.00	87.59	357.83	12,493.33	4,698.98	-384.47	4,701.79	1.26	-1.04	0.70
17,004.00	87.84	358.21	12,494.53	4,728.94	-385.51	4,731.76	1.52	0.83	1.27
Last Scout MWD Survey @ 17004.00' MD									
17,070.00	87.84	358.21	12,497.01	4,794.86	-387.57	4,797.69	0.00	0.00	0.00
Projection to TD @ 17070.00' MD									



Survey Report



Company: Concho Resources
Project: Lea County, NM

Site: Dominator 25

Well: Dominator 25 Federal Com 606H

Wellbore: Wellbore #1

Design: Surveys

Local Co-ordinate Reference: Well Dominator 25 Federal Com 606H
TVD Reference: GL 3337.7' + 26' KB @ 3363.70usft (Independence 205)

MD Reference: GL 3337.7' + 26' KB @ 3363.70usft (Independence 205)

North Reference: Grid

Survey Calculation Method: Minimum Curvature

Database: EDM 5000.14 Single User Db

Design Annotations

Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
11,703.00	11,691.44	1.79	-374.31	First Scout MWD Survey @ 11703.00' MD
12,150.00	12,132.84	46.48	-389.37	Crossed FTP @ 12150.00' MD
16,938.00	12,491.93	4,663.03	-383.03	Crossed LTP @ 16938.00' MD
17,004.00	12,494.53	4,728.94	-385.51	Last Scout MWD Survey @ 17004.00' MD
17,070.00	12,497.01	4,794.86	-387.57	Projection to TD @ 17070.00' MD

Dominator Federal Com #606H

<u>Perfs</u>	<u>7 1/2% Acid (Gal)</u>	<u>Sand (#)</u>	<u>Fluid (Gal)</u>
1	1512	361390	289800
2	1512	361910	315882
3	1512	361750	312018
4	1512	361050	310800
5	1512	361200	312648
6	1512	361572	300426
7	1512	360580	316344
8	1512	361470	302484
9	1512	360260	311346
10	1512	360482	299544
11	1512	360370	313194
12	1512	360340	305046
13	1512	360188	313194
14	1512	360553	312732
15	1512	360970	305886
16	1512	359801	314076
17	1512	360107	306894
18	1512	360810	305592
19	1512	360610	313194
20	1512	360350	302862
21	1512	360440	302694
22	1512	362164	303114
23	1512	360040	342636
24	1512	360259	319032
25	1722	360890	298998
Totals	38,010	9,019,556	7,730,436

From Bottom to Top	Stage 1	Distance Between Perfs	Shots	Stage 2	Distance Between Perfs	Shots	Stage 3	Distance Between Perfs	Shots	Stage 4	Distance Between Perfs	Shots	Stage 5	Distance Between Perfs	Shots
	16,996	22	5	16,804	38	5	16,645	22	5	16,468	24	5	16,284	26	5
	16,974	22	5	16,782	15	5	16,623	26	5	16,447	22	5	16,272	22	5
	16,952	22	5	16,777	22	5	16,597	18	5	16,425	22	5	16,250	22	5
	16,930	22	4	16,755	22	4	16,579	25	4	16,403	23	4	16,228	22	4
	16,908	22	4	16,733	22	4	16,554		4	16,380	21	4	16,206	22	4
	16,886	22	3	16,711	22	3	16,535	22	3	16,359	21	3	16,184	22	3
	16,864	22	3	16,689	22	3	16,513	20	3	16,338	18	3	16,162	15	3
	16,842		3	16,667		3	16,493		3	16,320		3	16,147		3
	Plug to Plug	91	32	Plug to Plug	57	32	Plug to Plug	77	32	Plug to Plug	82	32	Plug to Plug	82	32
	Frac Plug	17,021	Total Shots	Frac Plug	16,812	Total Shots	Frac Plug	16,656	Total Shots	Frac Plug	16,485	Total Shots	Frac Plug	16,310	Total Shots

From Bottom to Top	Stage 6	Distance Between Perfs	Shots	Stage 7	Distance Between Perfs	Shots	Stage 8	Distance Between Perfs	Shots	Stage 9	Distance Between Perfs	Shots	Stage 10	Distance Between Perfs	Shots
	16,118	29	5	15,936	28	5	15,767	22	5	15,591	20	5	15,412	26	5
	16,096	22	5	15,920	20	5	15,745	22	5	15,575	28	5	15,394	22	5
	16,074	22	5	15,900	23	5	15,723	22	5	15,547	18	5	15,372	22	5
	16,052	22	4	15,877	22	4	15,701	22	4	15,529	26	4	15,350	22	4
	16,030	22	4	15,855	22	4	15,679	22	4	15,503	21	4	15,328	22	4
	16,008	26	3	15,833	22	3	15,657	22	3	15,482	23	3	15,306	22	3
	15,982	18	3	15,811	22	3	15,635	24	3	15,459	21	3	15,284	18	3
	15,964		3	15,789		3	15,611		3	15,438		3	15,266		3
	Plug to Plug	85	32	Plug to Plug	76	32	Plug to Plug	77	32	Plug to Plug	73	32	Plug to Plug	72	32
	Frac Plug	16,137	Total Shots	Frac Plug	15,953	Total Shots	Frac Plug	15,778	Total Shots	Frac Plug	15,602	Total Shots	Frac Plug	15,422	Total Shots

From Bottom to Top	Stage 11	Distance Between Perfs	Shots	Stage 12	Distance Between Perfs	Shots	Stage 13	Distance Between Perfs	Shots	Stage 14	Distance Between Perfs	Shots	Stage 15	Distance Between Perfs	Shots
	15,240	26	5	15,059	-909	5	14,889	22	5	14,708	27	5	14,527	33	5
	15,218	22	5	15,042	19	5	14,867	22	5	14,691	22	5	14,513	19	5
	15,196	22	5	15,023	24	5	14,845	22	5	14,669	22	5	14,494	22	5
	15,174	1024	4	14,999	22	4	14,823	22	4	14,647	22	4	14,472	17	4
	14,150	-980	4	14,977	22	4	14,801	22	4	14,625	22	4	14,455	27	4
	15,130	14	3	14,955	22	3	14,779	22	3	14,603	22	3	14,428	17	3
	15,116	30	3	14,933	22	3	14,757	22	3	14,581	21	3	14,411	27	3
	15,086		3	14,911		3	14,735		3	14,560		3	14,384		3
	Plug to Plug	84	32	Plug to Plug	76	32	Plug to Plug	77	32	Plug to Plug	69	32	Plug to Plug	63	32
	Frac Plug	15,258	Total Shots	Frac Plug	15,075	Total Shots	Frac Plug	14,900	Total Shots	Frac Plug	14,716	Total Shots	Frac Plug	14,535	Total Shots

From Bottom to Top	Stage 16	Distance Between Perfs	Shots	Stage 17	Distance Between Perfs	Shots	Stage 18	Distance Between Perfs	Shots	Stage 19	Distance Between Perfs	Shots	Stage 20	Distance Between Perfs	Shots
	14,365	19	5	14,186	22	5	14,011	22	5	13,835	20	5	13,660	22	5
	14,340	22	5	14,164	22	5	13,989	22	5	13,810	19	5	13,638	22	5
	14,318	22	5	14,142	21	5	13,967	22	5	13,791	22	5	13,616	22	5
	14,296	22	4	14,121	22	4	13,945	22	4	13,769	22	4	13,594	22	4
	14,274	22	4	14,099	22	4	13,923	22	4	13,747	22	4	13,572	22	4
	14,252	22	3	14,077	22	3	13,901	22	3	13,725	22	3	13,550	22	3
	14,230	22	3	14,055	22	3	13,879	24	3	13,703	21	3	13,528	22	3
	14,208		3	14,033		3	13,855		3	13,682		3	13,506		3
	Plug to Plug	77	32	Plug to Plug	76	32	Plug to Plug	77	32	Plug to Plug	77	32	Plug to Plug	77	32
	Frac Plug	14,373	Total Shots	Frac Plug	14,197	Total Shots	Frac Plug	14,022	Total Shots	Frac Plug	13,846	Total Shots	Frac Plug	13,671	Total Shots

From Bottom to Top	Stage 21	Distance Between Perfs	Shots	Stage 22	Distance Between Perfs	Shots	Stage 23	Distance Between Perfs	Shots	Stage 24	Distance Between Perfs	Shots	Stage 25	Distance Between Perfs	Shots
	13,484	22	5	13,308	21	5	13,133	30	5	12,957	22	5	12,782	-469	5
	13,462	22	5	13,283	19	5	13,110	21	5	12,935	622	5	12,759	21	5
	13,440	22	5	13,264	21	5	13,089	17	5	12,913	-584	5	12,738	26	5
	13,418	22	4	13,243	22	4	13,072	27	4	12,897	28	4	12,712	18	4
	13,396	22	4	13,221	24	4	13,045	18	4	12,869	16	4	12,694	16	4
	13,374	22	3	13,197	20	3	13,027	26	3	12,853	28	3	12,678	28	3
	13,352	23	3	13,177	14	3	13,001	22	3	12,825	25	3	12,650	20	3
	13,329		3	13,163		3	12,979		3	12,800		3	12,630		3
	Plug to Plug	77	32	Plug to Plug	76	32	Plug to Plug	72	32	Plug to Plug	71	32	Plug to Plug	81	32
	Frac Plug	13,495	Total Shots	Frac Plug	13,319	Total Shots	Frac Plug	13,144	Total Shots	Frac Plug	12,968	Total Shots	Frac Plug	12,793	Total Shots