

Schlumberger Drilling and Measurements

Drilling Group

Geo Market Area: South West Texas Basin

7220 W I-H 20

Midland, Texas 79706

Phone : (432) 742-5400 (Main)

Fax : (432) 742-5606 (Shared)

Schlumberger

Well Reference:

21, 24S, 29E, Eddy NM

N 32.20524 W -103.99755

I, Drew Mikkonen certify that; I am employed by Drilling & Measurements, a division of Schlumberger Technology Corporation; that I did on the day(s) of August 22, 2017 through September 16, 2017, conduct or supervise the taking of the TelePacer - SlimPulse surveys from a depth of 500.00 feet to a depth of 13318.00 feet referenced to driller's depth; that the data is true, correct, complete and within the limitations of the tool as set forth by Drilling & Measurements, a division of Schlumberger Technology Corporation; that I am authorized and qualified to make this report; that this survey was conducted at the request of Oxy U.S.A Inc for the Cedar Canyon 21 Federal Com 23H Well (Original Hole) API No. 30-015-44191 in New Mexico; and that I have reviewed this report and find that it conforms to the principals and procedures as set forth by Drilling & Measurements, a division of Schlumberger Technology Corporation.

By

Drew Mikkonen

FS

Subscribed and Sworn to before me this 26th day of September (month) 2017 (yr)

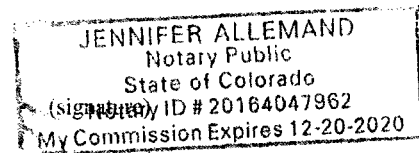
My Commission expires:

Dec 20, 2020

J. Allemand

Notary Public

Adams County Colorado
(County State)





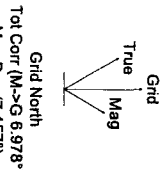
Structure:

Oxy Cedar Canyon 21 Federal Com 23H

M&E LINES ONLY	
Slot: Dry Cedar Canyon 21	TYD Ref: RUB-26.5' (295') 5ft above MSL
Plan: Federal Con 21H	
Plan: Dry Cedar Canyon 21 Federal Con 21H REV'D LBN 14Sept17	



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Grid North
Tot Corr (M->G 6.978°
Mag Dec (7.157°)
Grid Conv (0.179°)

1	Originator
2	DE Sign Off Authority
3	DDM Line Manager
4	Client



Oxy Cedar Canyon 21 Federal Com 23H MWD 0-13,360' Survey Geodetic Report (Def Survey)

Report Date:	September 18, 2017 - 02:39 PM	Survey / DLS Computation:	Minimum Curvature / Lubinski
Client:	OXY	Vertical Section Azimuth:	94.019 ° (Grid North)
Field:	NM Eddy County (NAD 83)	Vertical Section Origin:	0.000 ft, 0.000 ft
Structure / Slot:	Oxy Cedar Canyon 21 Federal Com 23H / Oxy Cedar Canyon 21 Federal Com 23H	TVD Reference Datum:	RKB=26.5'
Well:	Oxy Cedar Canyon 21 Federal Com 23H	TVD Reference Elevation:	2957.500 ft above MSL
Borehole:	Original Borehole	Seabed / Ground Elevation:	2931.000 ft above MSL
UWI / API#:	Unknown / Unknown	Magnetic Declination:	7.164 °
Survey Name:	Oxy Cedar Canyon 21 Federal Com 23H MWD 0-13,360'	Total Gravity Field Strength:	998.4677mgn (9.80665 Based)
Survey Date:	August 16, 2017	Gravity Model:	GARM
Tort / AHD / DDI / ERD Ratio:	204.254 ° / 5503.982 ft / 6.237 / 0.632	Total Magnetic Field Strength:	48095.258 nT
Coordinate Reference System:	NAD83 New Mexico State Plane, Eastern Zone, US Feet	Magnetic Dip Angle:	60.012 °
Location Lat / Long:	N 32° 12' 18.87693", W 103° 59' 51.17941"	Declination Date:	August 16, 2017
Location Grid N/E Y/X:	N 438564.000 RUS, E 645194.100 RUS	Magnetic Declination Model:	HDGM 2017
CRS Grid Convergence Angle:	0.1790 °	North Reference:	Grid North
Grid Scale Factor:	0.99992144	Grid Convergence Used:	0.1790 °
Version / Patch:	2.10.544.0	Total Corr Mag North-Grid North:	6.9853 °
		Local Coord Referenced To:	Well Head

Comments	MD (ft)	Incl (°)	Azim Grid (°)	TVD (ft)	VSEC (ft)	NS (ft)	EW (ft)	DLS (°/100ft)	Northing (ftUS)	Easting (ftUS)	Latitude (N/S ° ' ")	Longitude (E/W ° ' ")
SHL	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A	438564.00	645194.10	N 32 12 18.88	W 103 59 51.18
	500.00	0.36	36.48	500.00	0.84	1.26	0.93	0.07	438565.26	645195.03	N 32 12 18.89	W 103 59 51.17
	523.00	0.41	76.67	523.00	0.96	1.34	1.06	1.17	438565.34	645195.16	N 32 12 18.89	W 103 59 51.17
	583.00	0.45	88.62	582.99	1.40	1.40	1.50	0.16	438565.40	645195.60	N 32 12 18.89	W 103 59 51.16
	644.00	0.68	96.12	643.99	2.00	1.36	2.10	0.40	438565.36	645196.20	N 32 12 18.89	W 103 59 51.15
	752.00	1.16	90.19	751.98	3.73	1.29	3.83	0.45	438565.29	645197.93	N 32 12 18.89	W 103 59 51.13
	838.00	1.31	93.73	837.96	5.58	1.22	5.68	0.20	438565.22	645199.78	N 32 12 18.89	W 103 59 51.11
	918.00	1.21	95.33	917.94	7.34	1.09	7.44	0.13	438565.09	645201.54	N 32 12 18.89	W 103 59 51.09
	1101.00	0.17	343.76	1100.92	9.18	1.17	9.28	0.70	438565.17	645203.38	N 32 12 18.89	W 103 59 51.07
	1190.00	0.16	329.05	1189.92	9.06	1.40	9.18	0.05	438565.40	645203.28	N 32 12 18.89	W 103 59 51.07
	1281.00	0.23	273.12	1280.92	8.81	1.52	8.94	0.21	438565.52	645203.03	N 32 12 18.89	W 103 59 51.08
	1372.00	0.50	214.74	1371.92	8.42	1.20	8.53	0.47	438565.20	645202.63	N 32 12 18.89	W 103 59 51.08
	1466.00	1.37	187.98	1465.91	8.13	-0.25	8.14	1.01	438563.75	645202.24	N 32 12 18.87	W 103 59 51.08
	1592.00	1.41	141.30	1591.88	9.08	-2.95	8.90	0.87	438561.05	645203.00	N 32 12 18.85	W 103 59 51.08
	1687.00	0.79	61.23	1686.86	10.43	-3.55	10.20	1.57	438560.45	645204.30	N 32 12 18.84	W 103 59 51.06
	1782.00	0.23	302.03	1781.86	10.81	-3.13	10.61	0.97	438560.87	645204.71	N 32 12 18.85	W 103 59 51.06
	1877.00	0.17	353.07	1876.86	10.61	-2.89	10.44	0.19	438561.11	645204.54	N 32 12 18.85	W 103 59 51.06
	1972.00	0.62	14.23	1971.86	10.68	-2.25	10.55	0.49	438561.75	645204.64	N 32 12 18.85	W 103 59 51.06
	2067.00	1.12	7.55	2066.85	10.83	-0.83	10.79	0.54	438563.17	645204.89	N 32 12 18.87	W 103 59 51.05
	2162.00	0.20	22.62	2161.84	10.94	0.24	10.98	0.98	438564.24	645205.08	N 32 12 18.88	W 103 59 51.05
	2257.00	0.13	194.15	2256.84	10.97	0.29	11.02	0.35	438564.29	645205.12	N 32 12 18.88	W 103 59 51.05
	2352.00	0.53	49.03	2351.84	11.26	0.47	11.32	0.67	438564.47	645205.42	N 32 12 18.88	W 103 59 51.05
	2446.00	0.08	188.31	2445.84	11.56	0.69	11.64	0.63	438564.69	645205.74	N 32 12 18.88	W 103 59 51.04
	2541.00	0.11	219.60	2540.84	11.51	0.56	11.57	0.06	438564.56	645205.67	N 32 12 18.88	W 103 59 51.04
	2636.00	0.17	153.66	2635.84	11.52	0.36	11.58	0.17	438564.36	645205.68	N 32 12 18.88	W 103 59 51.04
	2731.00	0.28	20.45	2730.83	11.66	0.45	11.72	0.44	438564.45	645205.82	N 32 12 18.88	W 103 59 51.04
	2921.00	0.23	300.65	2920.83	11.45	1.08	11.56	0.17	438565.08	645205.65	N 32 12 18.89	W 103 59 51.04
	3016.00	0.08	1.48	3015.83	11.28	1.25	11.39	0.21	438565.25	645205.49	N 32 12 18.89	W 103 59 51.05
	3111.00	0.25	260.20	3110.83	11.07	1.28	11.19	0.29	438565.28	645205.29	N 32 12 18.89	W 103 59 51.05
	3206.00	0.18	186.00	3204.83	10.87	1.10	10.97	0.28	438565.09	645205.07	N 32 12 18.89	W 103 59 51.05
	3300.00	0.18	89.08	3299.83	11.01	0.95	11.11	0.28	438564.95	645205.21	N 32 12 18.89	W 103 59 51.05
	3490.00	0.13	221.13	3489.83	11.18	0.79	11.26	0.15	438564.79	645205.36	N 32 12 18.88	W 103 59 51.05
	3585.00	0.16	216.93	3584.83	11.04	0.60	11.11	0.03	438564.60	645205.21	N 32 12 18.88	W 103 59 51.05
	3775.00	0.16	174.87	3774.83	10.94	0.13	10.98	0.06	438564.13	645205.08	N 32 12 18.88	W 103 59 51.05
	3870.00	0.16	286.93	3869.83	10.83	0.03	10.86	0.28	438564.03	645204.96	N 32 12 18.88	W 103 59 51.05
	3965.00	0.16	33.20	3964.83	10.77	0.18	10.81	0.27	438564.18	645204.91	N 32 12 18.88	W 103 59 51.05
	4154.00	0.16	160.11	4153.83	11.01	0.16	11.04	0.15	438564.16	645205.14	N 32 12 18.88	W 103 59 51.05
	4344.00	0.20	53.89	4343.83	11.37	0.10	11.40	0.15	438564.10	645205.50	N 32 12 18.88	W 103 59 51.05
	4439.00	0.13	18.38	4438.83	11.52	0.30	11.57	0.13	438564.30	645205.67	N 32 12 18.88	W 103 59 51.04
	4629.00	0.16	340.96	4628.83	11.47	0.76	11.55	0.05	438564.76	645205.65	N 32 12 18.88	W 103 59 51.04
	4819.00	0.20	29.08	4818.83	11.51	1.30	11.63	0.08	438565.30	645205.72	N 32 12 18.89	W 103 59 51.04
	5009.00	0.20	56.40	5008.83	11.91	1.77	12.06	0.05	438565.77	645206.16	N 32 12 18.89	W 103 59 51.04
	5104.00	0.16	217.42	5103.83	11.97	1.76	12.12	0.37	438565.76	645206.22	N 32 12 18.89	W 103 59 51.04
	5294.00	0.16	14.74	5293.83	11.87	1.80	12.03	0.17	438565.80	645206.13	N 32 12 18.89	W 103 59 51.04
	5389.00	0.25	177.51	5388.83	11.92	1.73	12.07	0.43	438565.73	645206.17	N 32 12 18.89	W 103 59 51.04
	5579.00	0.13	115.26	5578.83	12.17	1.22	12.28	0.12	438565.22	645206.38	N 32 12 18.89	W 103 59 51.04
	5674.00	1.12	239.95	5673.82	11.50	0.71	11.58	1.26	438564.71	645205.68	N 32 12 18.88	W 103 59 51.04
	5769.00	1.96	179.10	5768.79	10.87	-1.38	10.80	1.81	438562.62	645204.90	N 32 12 18.86	W 103 59 51.05
	5864.00	4.82	239.44	5863.64	7.72	-5.04	7.39	4.43	438558.96	645201.48	N 32 12 18.83	W 103 59 51.09
	5958.00	6.23	235.76	5957.20	0.46	-9.91	-0.23	1.55	438554.09	645193.87	N 32 12 18.78	W 103 59 51.18
	6053.00	7.62	234.14	6051.50	-8.42	-16.50	-9.60	1.48	438547.50	645184.50	N 32 12 18.71	W 103 59 51.29
	6148.00	8.81	230.37	6145.53	-18.52	-24.84	-20.31	1.37	438539.17	645173.79	N 32 12 18.53	W 103 59 51.42
	6243.00	10.64	227.82	6239.16	-29.65	-35.37	-32.41	1.98	438528.64	645161.69	N 32 12 18.53	W 103 59 51.56
	6338.00	11.38	224.47	6332.41	-42.00	-47.94	-45.48	1.03	438516.06	645148.63	N 32 12 18.40	W 103 59 51.71
	6433.00	12.66	224.29	6425.32	-54.81	-62.08	-59.31	1.35	438501.92	645134.79	N 32 12 18.26	W 103 59 51.87
	6528.00	14.15	223.72	6517.73	-68.96	-77.93	-74.61	1.57	438486.08	645119.50	N 32 12 18.11	W 103 59 52.05
	6622.00	14.46	218.63	6608.82	-82.97	-95.40	-89.88	1.38	438468.61	645104.23	N 32 12 17.94	W 103 59 52.23
	6717.00	13.64	216.68	6700.98	-95.75	-113.65	-103.97	1.00	438450.36	645090.14	N 32 12 17.76	W 103 59 52.39
	6812.00	14.36	212.13	6793.16	-107.35	-132.61	-116.93	1.38	438431.40	645077.18	N 32 12 17.57	W 103 59 52.55
	6899.00	14.18	208.59	6888.71	-112.49	-142.60	-122.78	1.90	438421.41	645071.33	N 32 12 17.47	W 103 59 52.61
	6907.00	13.69	197.26	6885.31	-116.23	-153.19	-127.28	5.77	438410.82	645066.83	N 32 12 17.37	W 103 59 52.67
	7002.00	13.32	196.33	6977.68	-121.14	-174.43	-133.70	0.45	438389.59	645060.42	N 32 12 17.16	W 103 59 52.74
	7097.00	11.00	183.27	7070.56	-123.36	-193.99	-137.29	3.77	438370.03	645056.82	N 32 12 16.96	W 103 59 52.78
	7192.00	10.70	171.10	7163.87	-121.26	-211.75	-136.44	2.43	438352.27	645057.67	N 32 12 16.79	W 103 59 52.78
	7287.00	11.45	159.88	7257.12	-115.44	-229.32	-131.83	2.40	438334.70	645062.28	N 32 12 16.61	W 103 59 52.72
	7383.00	11.39	153.12	7351.22	-106.67	-246.72	-124.27	1.39	438317.30	645069.84	N 32 12 16.44	W 103 59 52.63
	7477.00	10.59	147.67	7443.50	-96.78	-262.30	-115.45	1.39	438301.72	645078.66	N 32 12 16.28	W 103 59 52.53
	7572.00	10.55	140.35	7536.89	-85.60	-276.37	-105.24	1.41	438287.65	645088.87	N 32 12 16.15	W 103 59 52.41
	7667.00	11.13	137.52	7630.19	-72.95	-288.83	-93.49	0.83	438274.19	645100.61	N 32 12 16.01	W 103 59 52.28
	7762.00	10.82	131.91	7723.46	-59.26	-302.55	-80.67	1.17	438261.47	645113.44	N 32 12 15.89	W 103 59 52.13
	7857.00	11.15	124.44	7816.72	-44.30	-313.70	-66.45	1.54	438250.32	645127.65	N 32 12 15.77	W 103 59 51.96
	7952.00	11.81	122.50	7909.82	-27.83	-324.12	-50.68	0.80	438239.90	645143.43	N 32 12 15.67	W 103 59 51.78
	8016.00	11.92	127.83	7972.46	-16.59	-331.69	-39.93	1.72	438232.33	645154.17	N 32 12 15.60	W 103 59 51.66
	8190.00	22.31	133.43	8138.53	23.98	-365.51	-1.65	6.04	438198.51	645192.45	N 32 12 15.26	W 103 59 51.21
	8284.00	36.98	123.28	8220.06	62.66	-393.46	35.17	16.44	438170.57	645229.26	N 32 12 14.98	W 103 59 50.78
	8379.00	47.64	114.72	8290.27	120.64	-423.93	91.14	12.73	438140.10	645285		

Comments	MD (ft)	Incl (°)	Azim Grid (°)	TVD (ft)	VSEC (ft)	NS (ft)	EW (ft)	DLS ("/100ft)	Northing (ftUS)	Easting (ftUS)	Latitude (N/S ° ' ")	Longitude (E/W ° ' ")
	8663.00	58.94	87.65	8475.45	332.84	-447.32	302.23	12.15	438116.72	645496.30	N 32 12 14.44	W 103 59 47.68
	8758.00	62.44	85.69	8521.95	414.98	-442.48	384.91	4.10	438121.55	645578.98	N 32 12 14.49	W 103 59 46.72
	8853.00	68.66	88.38	8561.26	500.77	-438.06	471.22	7.04	438125.97	645665.28	N 32 12 14.53	W 103 59 45.71
	8948.00	78.06	89.51	8588.43	591.33	-436.41	562.12	9.96	438127.62	645756.18	N 32 12 14.54	W 103 59 44.65
	9042.00	81.86	83.46	8604.83	683.03	-430.71	654.45	7.52	438133.32	645848.49	N 32 12 14.59	W 103 59 43.58
	9137.00	88.80	80.72	8612.56	775.60	-417.68	748.16	7.85	438146.35	645942.20	N 32 12 14.72	W 103 59 42.49
	9232.00	87.88	81.14	8615.31	868.09	-402.71	841.93	1.06	438161.32	646035.97	N 32 12 14.87	W 103 59 41.40
	9284.00	87.35	80.29	8617.48	918.65	-394.33	893.21	1.93	438169.70	646087.24	N 32 12 14.95	W 103 59 40.80
	9379.00	87.45	79.18	8621.79	1010.62	-377.42	986.59	1.17	438186.61	646180.61	N 32 12 15.11	W 103 59 39.71
	9473.00	86.84	83.61	8626.47	1102.21	-363.37	1079.39	4.75	438200.66	646273.40	N 32 12 15.25	W 103 59 38.63
	9568.00	87.04	82.31	8631.54	1195.31	-351.75	1173.54	1.38	438212.28	646367.54	N 32 12 15.36	W 103 59 37.53
	9663.00	88.80	85.19	8634.99	1288.71	-341.41	1267.90	3.55	438222.62	646461.90	N 32 12 15.46	W 103 59 36.44
	9758.00	88.80	87.96	8636.98	1382.88	-335.74	1362.70	2.92	438228.29	646556.69	N 32 12 15.51	W 103 59 35.33
	9853.00	88.90	90.17	8638.89	1477.50	-334.19	1457.66	2.33	438229.84	646651.84	N 32 12 15.52	W 103 59 34.23
	9948.00	88.80	91.15	8640.80	1572.32	-335.28	1552.63	1.04	438228.74	646746.61	N 32 12 15.51	W 103 59 33.12
	10043.00	89.31	91.30	8642.36	1667.19	-337.31	1647.60	0.56	438226.71	646841.57	N 32 12 15.49	W 103 59 32.02
	10137.00	89.45	91.55	8643.38	1761.09	-339.65	1741.56	0.30	438224.38	646935.52	N 32 12 15.46	W 103 59 30.92
	10232.00	89.35	91.01	8644.37	1855.97	-341.77	1836.54	0.58	438222.25	647030.49	N 32 12 15.44	W 103 59 29.82
	10327.00	87.56	90.32	8646.94	1950.77	-342.88	1931.49	2.02	438221.15	647125.43	N 32 12 15.40	W 103 59 28.71
	10422.00	87.32	90.62	8651.18	2045.50	-343.65	2026.39	0.40	438220.37	647220.33	N 32 12 15.41	W 103 59 27.61
	10517.00	87.56	90.45	8655.42	2140.23	-344.54	2121.29	0.31	438219.49	647315.22	N 32 12 15.40	W 103 59 26.50
	10612.00	89.45	91.19	8657.90	2235.04	-345.90	2216.25	2.14	438218.13	647410.17	N 32 12 15.38	W 103 59 25.40
	10707.00	87.56	90.60	8660.38	2329.86	-347.38	2311.20	2.08	438216.65	647505.11	N 32 12 15.37	W 103 59 24.29
	10896.00	87.76	90.22	8668.10	2518.33	-348.73	2500.03	0.23	438215.29	647693.93	N 32 12 15.35	W 103 59 22.10
	10991.00	88.24	90.08	8671.41	2613.05	-348.98	2594.98	0.53	438215.05	647788.87	N 32 12 15.34	W 103 59 20.99
	11086.00	88.25	89.97	8674.32	2707.78	-349.02	2689.93	0.12	438215.00	647883.81	N 32 12 15.34	W 103 59 19.89
	11181.00	89.55	90.89	8676.14	2802.57	-349.74	2784.91	1.68	438214.29	647978.78	N 32 12 15.33	W 103 59 18.78
	11275.00	89.28	90.21	8677.10	2896.39	-350.64	2878.90	0.78	438213.39	648072.77	N 32 12 15.32	W 103 59 17.69
	11370.00	89.52	90.35	8678.10	2991.19	-351.10	2973.89	0.29	438212.92	648167.75	N 32 12 15.31	W 103 59 16.58
	11465.00	89.48	90.10	8678.93	3085.98	-351.48	3068.89	0.27	438212.55	648262.74	N 32 12 15.30	W 103 59 15.48
	11560.00	89.00	89.90	8680.19	3180.73	-351.48	3163.88	0.55	438212.55	648357.72	N 32 12 15.30	W 103 59 14.37
	11655.00	89.24	90.29	8681.65	3275.50	-351.63	3258.87	0.48	438212.39	648452.70	N 32 12 15.30	W 103 59 13.27
	11750.00	89.31	90.29	8682.85	3370.29	-352.12	3353.86	0.07	438211.91	648547.69	N 32 12 15.29	W 103 59 12.16
	11844.00	88.66	89.32	8684.51	3464.02	-351.80	3447.84	1.24	438212.23	648641.66	N 32 12 15.29	W 103 59 11.07
	12034.00	89.18	89.92	8688.10	3653.42	-350.54	3637.80	0.42	438213.49	648831.61	N 32 12 15.29	W 103 59 8.86
	12129.00	88.59	89.60	8689.94	3748.14	-350.14	3732.78	0.71	438213.89	648926.58	N 32 12 15.29	W 103 59 7.75
	12319.00	89.38	90.04	8693.31	3937.60	-349.54	3922.75	0.48	438214.49	649116.53	N 32 12 15.29	W 103 59 5.54
	12413.00	88.83	90.32	8694.78	4031.38	-349.84	4016.74	0.66	438214.19	649210.51	N 32 12 15.29	W 103 59 4.45
	12508.00	89.14	90.37	8696.46	4126.17	-350.41	4111.72	0.33	438213.62	649305.49	N 32 12 15.28	W 103 59 3.34
	12603.00	89.07	90.13	8697.94	4220.95	-350.82	4206.71	0.26	438213.21	649400.47	N 32 12 15.27	W 103 59 2.23
	12698.00	90.34	90.56	8698.43	4315.75	-351.39	4301.70	1.41	438212.63	649495.46	N 32 12 15.26	W 103 59 1.13
	12793.00	89.21	90.00	8698.81	4410.55	-351.86	4396.70	1.33	438212.17	649590.44	N 32 12 15.26	W 103 59 0.02
	12888.00	89.28	90.27	8700.06	4505.32	-352.08	4491.69	0.29	438211.95	649685.43	N 32 12 15.25	W 103 58 58.92
	13077.00	89.28	90.02	8702.43	4693.87	-352.56	4680.67	0.13	438211.47	649874.40	N 32 12 15.24	W 103 58 56.72
	13172.00	89.24	90.15	8703.66	4788.64	-352.70	4775.67	0.14	438211.33	649969.38	N 32 12 15.24	W 103 58 55.61
	13267.00	88.80	91.15	8705.29	4883.46	-353.78	4870.65	1.15	438210.25	650064.35	N 32 12 15.22	W 103 58 54.51
Final MWD Survey	13318.00	87.76	89.22	8706.82	4934.32	-353.94	4921.62	4.30	438210.08	650115.32	N 32 12 15.22	W 103 58 53.91
Proj to bit	13360.00	87.76	89.22	8708.46	4976.14	-353.37	4963.58	0.00	438210.66	650157.28	N 32 12 15.22	W 103 58 53.43

Survey Type: Def Survey

Survey Error Model: ISCWSA Rev 0 *** 3-D 95.000% Confidence 2.7955 sigma
Survey Program:

Description	Part	MD From (ft)	MD To (ft)	EOU Freq (ft)	Hole Size	Casing Diameter (in)	Survey Tool Type	Borehole / Survey
	1	0.000	26.500	Act Stns	30.000	30.000	NAL_MWD_PLUS_0.5_DEG- Depth Only	Original Borehole / Oxy Cedar Canyon 21 Federal Com 23H MWD 0-13,360'
	1	26.500	500.000	1/98.425	30.000	30.000	NAL_MWD_PLUS_0.5_DEG	Original Borehole / Oxy Cedar Canyon 21 Federal Com 23H
	1	500.000	13360.000	Act Stns	30.000	30.000	NAL_MWD_PLUS_0.5_DEG	Original Borehole / Oxy Cedar Canyon 21 Federal Com 23H