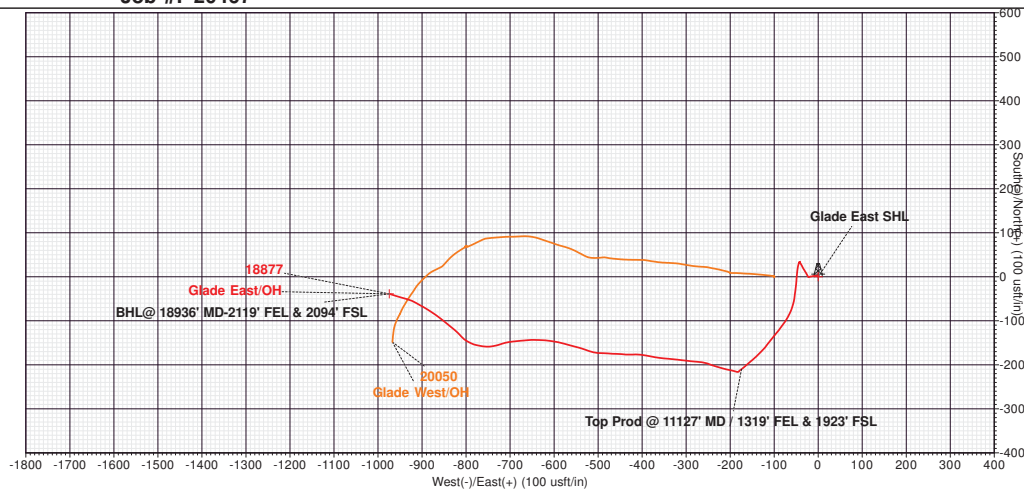
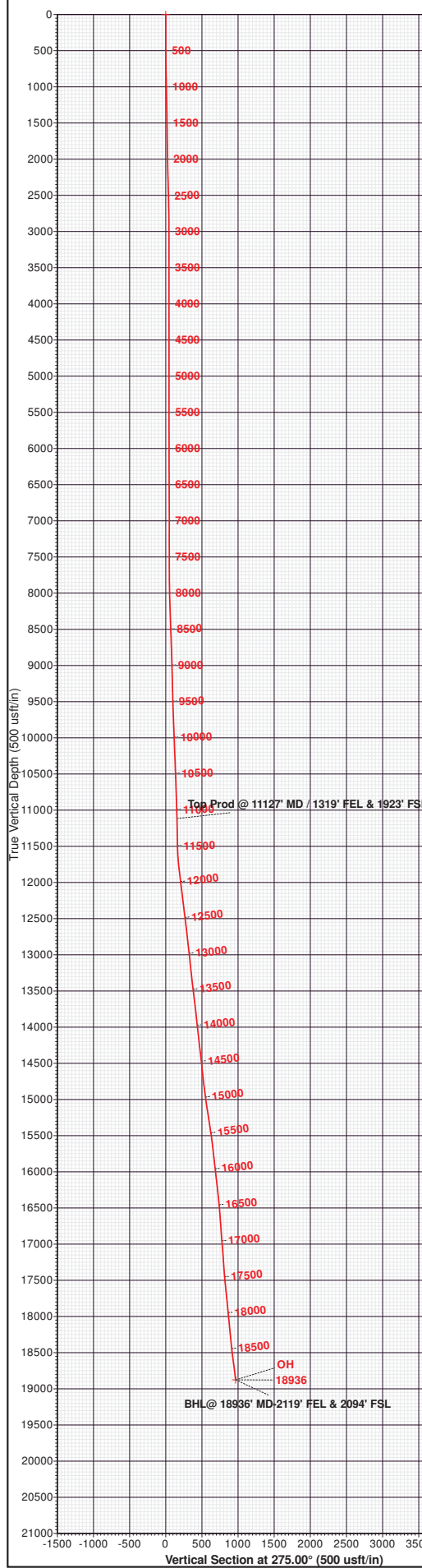




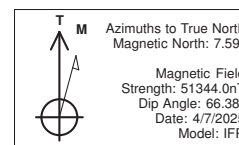
County: WELD-NAD83-UTMFT13N
Site: Glade 3N-66W-02 Pad
Well: Glade East
Depth Reference: 4900+28 @ 4928.00usft (Precision 580)
Rig: Precision 580
Plan: OH
Job #: 20467



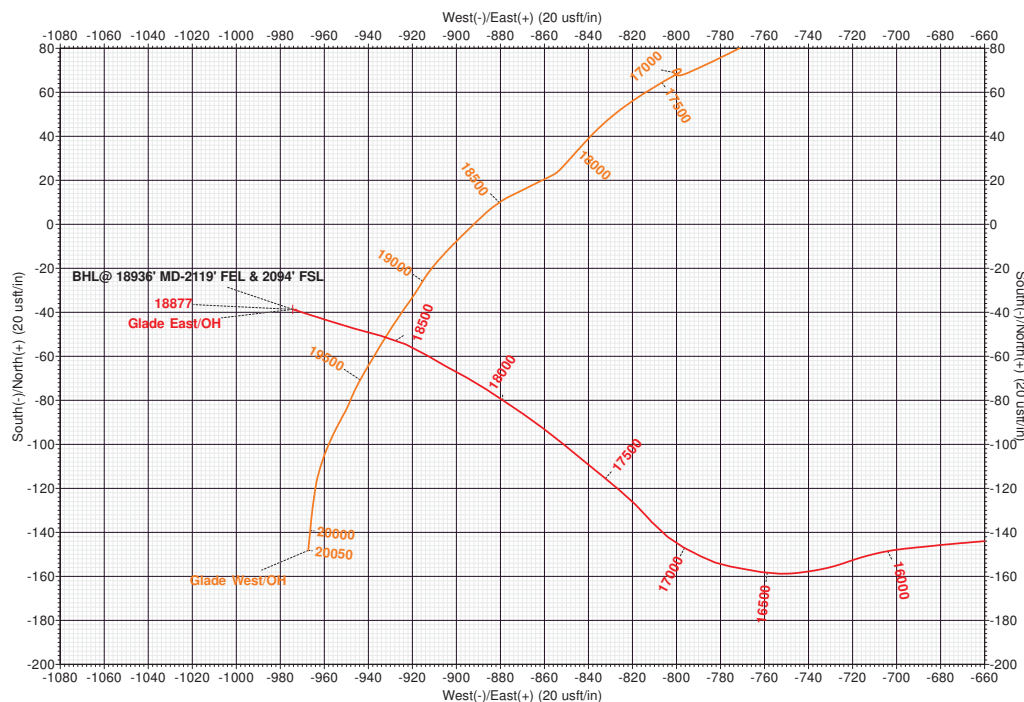
SHL: 2132.71' FSL & 1144.38' FEL - Sec 2, T3N, R66W
Top Prod: 1922.96' FSL & 1318.84' FEL - Sec 2, T3N, R66W
BHL: 2093.69' FSL & 2118.84' FEL - Sec 2, T3N, R66W

ANNOTATIONS								
MD	Inc	Azi	TVD	+N/-S	+E/-W	V Sect	Departure	Annotation
11127.70	1.88	232.50	11117.50	-209.77	-174.03	155.09	356.77	Top Prod @ 11127' MD / 1319' FEL & 1923' FSL
18936.00	7.36	287.64	18876.83	-38.65	-974.37	967.30	1205.38	BHL @ 18936' MD-2119' FEL & 2094' FSL

DESIGN TARGETS DETAILS								
Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	
Glade East SHL	0.00	0.00	0.00	14618806.85	1713249.34	40.252551	-104.738967	
Glade East BHL	18876.83	-38.65	-974.37	14618765.33	1712275.08	40.252445	-104.742459	



TOTAL CORRECTION: 7.59°



Occidental Petroleum_Rockies

WELD-NAD83-UTMFT13N

Glade 3N-66W-02 Pad

Glade East

OH

Design: OH

Standard Survey Report

19 August, 2025

SDT

Survey Report

Company:	Occidental Petroleum_Rockies	Local Co-ordinate Reference:	Well Glade East
Project:	WELD-NAD83-UTMFT13N	TVD Reference:	4900+28 @ 4928.00usft (Precision 580)
Site:	Glade 3N-66W-02 Pad	MD Reference:	4900+28 @ 4928.00usft (Precision 580)
Well:	Glade East	North Reference:	True
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 5000 Multi User Db

Project	WELD-NAD83-UTMFT13N		
Map System:	Universal Transverse Mercator (US Survey Feet)	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	Zone 13N (108 W to 102 W)		

Site	Glade 3N-66W-02 Pad		
Site Position:		Northing:	14,618,806.85 usft
From:	Map	Easting:	1,713,249.34 usft
Position Uncertainty:	0.00 usft	Slot Radius:	13-3/16 "
		Latitude:	40.252551
		Longitude:	-104.738967

Well	Glade East		
Well Position	+N/-S	0.00 usft	Northing: 14,618,806.84 usft
	+E/-W	0.00 usft	Easting: 1,713,249.34 usft
Position Uncertainty	3.28 usft	Wellhead Elevation:	usft
Grid Convergence:	0.17 °	Ground Level:	4,900.00 usft

Wellbore	OH		
Magnetics	Model Name	Sample Date	Declination
			(°)
	IFR	4/7/2025	7.59
			Dip Angle (°)
			66.38
			Field Strength (nT)
			51,344.00000000

Design	OH		
Audit Notes:			
Version:	1.0	Phase:	ACTUAL
		Tie On Depth:	0.00
Vertical Section:	Depth From (TVD)	+N/-S	+E/-W
	(usft)	(usft)	(usft)
	0.00	0.00	0.00
			Direction (°)
			275.00

Survey Program	Date	8/19/2025		
From	To	Survey (Wellbore)	Tool Name	Description
(usft)	(usft)			
153.00	11,089.00	Survey #1 (OH)	A008Mc_MWD+IFR1+MS_R	MWD+IFR1+MSA
11,267.90	11,457.60	Survey #2 (OH)	A008Mc_MWD+IFR1+MS_R	MWD+IFR1+MSA
11,482.00	15,938.00	Survey #3 (OH)	A008Mc_MWD+IFR1+MS_R	MWD+IFR1+MSA
16,008.00	17,147.00	Survey #4 (OH)	A008Mc_MWD+IFR1+MS_R	MWD+IFR1+MSA
17,261.00	18,802.00	Survey #5 (OH)	A008Mc_MWD+IFR1+MS_R	MWD+IFR1+MSA
18,936.00	18,936.00	Survey #6 (OH)	A026Ua_BLIND	OWSG BLIND

Survey									
Measured	Inclination	Azimuth	Vertical	+N/-S	+E/-W	Vertical	Dogleg	Build	Turn
Depth	(°)	(°)	Depth	(usft)	(usft)	Section	Rate	Rate	Rate
(usft)			(usft)			(usft)	(°/100usft)	(°/100usft)	(°/100usft)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
153.00	0.56	26.27	153.00	0.67	0.33	-0.27	0.37	0.37	0.00
247.00	0.39	282.48	247.00	1.15	0.22	-0.12	0.80	-0.18	-110.41
346.00	0.26	86.98	345.99	1.24	0.12	-0.01	0.65	-0.13	166.16
441.00	0.43	316.43	440.99	1.51	0.09	0.04	0.66	0.18	-137.42

SDT

Survey Report

Company:	Occidental Petroleum_Rockies	Local Co-ordinate Reference:	Well Glade East
Project:	WELD-NAD83-UTMFT13N	TVD Reference:	4900+28 @ 4928.00usft (Precision 580)
Site:	Glade 3N-66W-02 Pad	MD Reference:	4900+28 @ 4928.00usft (Precision 580)
Well:	Glade East	North Reference:	True
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 5000 Multi 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)	
536.00	0.35	236.66	535.99	1.60	-0.40	0.54	0.53	-0.08	-83.97	
630.00	1.49	301.34	629.98	2.08	-1.69	1.86	1.47	1.21	68.81	
725.00	0.92	260.86	724.96	2.60	-3.49	3.71	1.04	-0.60	-42.61	
820.00	1.14	272.86	819.95	2.53	-5.19	5.39	0.32	0.23	12.63	
915.00	1.04	257.89	914.93	2.40	-6.98	7.16	0.32	-0.11	-15.76	
1,010.00	0.91	252.04	1,009.91	1.98	-8.54	8.68	0.17	-0.14	-6.16	
1,105.00	1.15	271.02	1,104.90	1.77	-10.21	10.32	0.44	0.25	19.98	
1,200.00	1.64	258.95	1,199.87	1.52	-12.50	12.58	0.60	0.52	-12.71	
1,289.00	1.35	247.17	1,288.84	0.87	-14.71	14.73	0.47	-0.33	-13.24	
1,379.00	0.92	293.42	1,378.82	0.75	-16.35	16.35	1.08	-0.48	51.39	
1,469.00	0.83	245.98	1,468.82	0.77	-17.61	17.61	0.79	-0.10	-52.71	
1,558.00	0.48	240.12	1,557.81	0.32	-18.52	18.48	0.40	-0.39	-6.58	
1,648.00	0.83	255.49	1,647.80	-0.03	-19.48	19.40	0.43	0.39	17.08	
1,738.00	1.35	240.86	1,737.79	-0.71	-21.04	20.90	0.65	0.58	-16.26	
1,827.00	1.18	320.52	1,826.77	-0.51	-22.54	22.41	1.83	-0.19	89.51	
1,917.00	1.31	334.49	1,916.75	1.13	-23.57	23.58	0.37	0.14	15.52	
2,006.00	1.73	331.62	2,005.72	3.23	-24.64	24.83	0.48	0.47	-3.22	
2,096.00	2.05	332.90	2,095.67	5.86	-26.02	26.44	0.36	0.36	1.42	
2,260.00	2.83	326.61	2,259.52	11.85	-29.59	30.51	0.50	0.48	-3.84	
2,350.00	2.70	329.77	2,349.42	15.54	-31.88	33.11	0.22	-0.14	3.51	
2,440.00	2.58	330.51	2,439.32	19.13	-33.94	35.48	0.14	-0.13	0.82	
2,530.00	2.32	332.37	2,529.24	22.51	-35.78	37.61	0.30	-0.29	2.07	
2,619.00	2.15	333.64	2,618.17	25.60	-37.36	39.45	0.20	-0.19	1.43	
2,709.00	1.82	327.91	2,708.12	28.33	-38.87	41.19	0.43	-0.37	-6.37	
2,799.00	1.31	323.81	2,798.08	30.37	-40.24	42.73	0.58	-0.57	-4.56	
2,888.00	0.23	354.16	2,887.07	31.37	-40.86	43.43	1.26	-1.21	34.10	
2,978.00	0.09	340.18	2,977.07	31.61	-40.90	43.50	0.16	-0.16	-15.53	
3,067.00	0.08	287.09	3,066.07	31.70	-40.98	43.59	0.09	-0.01	-59.65	
3,157.00	0.05	184.19	3,156.07	31.68	-41.04	43.65	0.11	-0.03	-114.33	
3,247.00	0.07	340.39	3,246.07	31.69	-41.07	43.67	0.13	0.02	173.56	
3,336.00	0.06	354.58	3,335.07	31.79	-41.09	43.70	0.02	-0.01	15.94	
3,426.00	0.07	344.99	3,425.07	31.89	-41.11	43.73	0.02	0.01	-10.66	
3,516.00	0.03	11.24	3,515.07	31.96	-41.12	43.75	0.05	-0.04	29.17	
3,605.00	0.16	266.65	3,604.07	31.98	-41.24	43.87	0.19	0.15	-117.52	
3,695.00	0.31	322.07	3,694.07	32.16	-41.51	44.16	0.28	0.17	61.58	
3,785.00	0.17	26.33	3,784.07	32.47	-41.60	44.27	0.31	-0.16	71.40	
3,875.00	0.17	65.14	3,874.07	32.65	-41.42	44.11	0.13	0.00	43.12	
3,965.00	0.03	228.55	3,964.07	32.69	-41.32	44.01	0.22	-0.16	181.57	
4,054.00	0.08	226.12	4,053.07	32.63	-41.38	44.07	0.06	0.06	-2.73	
4,144.00	0.14	300.13	4,143.07	32.64	-41.52	44.21	0.16	0.07	82.23	
4,234.00	0.24	306.58	4,233.07	32.81	-41.77	44.47	0.11	0.11	7.17	
4,324.00	0.28	329.02	4,323.07	33.11	-42.03	44.76	0.12	0.04	24.93	
4,413.00	0.08	298.17	4,412.07	33.33	-42.20	44.94	0.24	-0.22	-34.66	
4,503.00	0.04	172.49	4,502.07	33.33	-42.25	44.99	0.12	-0.04	-139.64	

SDT

Survey Report

Company:	Occidental Petroleum_Rockies	Local Co-ordinate Reference:	Well Glade East
Project:	WELD-NAD83-UTMFT13N	TVD Reference:	4900+28 @ 4928.00usft (Precision 580)
Site:	Glade 3N-66W-02 Pad	MD Reference:	4900+28 @ 4928.00usft (Precision 580)
Well:	Glade East	North Reference:	True
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 5000 Multi 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)
4,593.00	0.08	277.89	4,592.07	33.30	-42.31	45.05	0.11	0.04	117.11
4,682.00	0.03	36.65	4,681.07	33.33	-42.36	45.10	0.11	-0.06	133.44
4,772.00	0.07	167.95	4,771.07	33.30	-42.33	45.07	0.10	0.04	145.89
4,862.00	0.07	311.05	4,861.07	33.28	-42.36	45.10	0.15	0.00	159.00
4,952.00	0.11	16.81	4,951.07	33.40	-42.38	45.13	0.11	0.04	73.07
5,041.00	0.05	166.18	5,040.07	33.44	-42.34	45.10	0.17	-0.07	167.83
5,131.00	0.04	252.00	5,130.07	33.39	-42.36	45.11	0.07	-0.01	95.36
5,221.00	0.07	295.19	5,220.07	33.41	-42.44	45.19	0.05	0.03	47.99
5,310.00	0.04	149.49	5,309.07	33.40	-42.48	45.23	0.12	-0.03	-163.71
5,400.00	0.03	37.51	5,399.07	33.39	-42.45	45.19	0.06	-0.01	-124.42
5,489.00	0.08	273.12	5,488.07	33.42	-42.49	45.24	0.11	0.06	-139.76
5,579.00	0.08	325.39	5,578.07	33.47	-42.59	45.35	0.08	0.00	58.08
5,669.00	0.07	187.52	5,668.07	33.47	-42.63	45.39	0.16	-0.01	-153.19
5,758.00	0.14	251.08	5,757.07	33.38	-42.74	45.49	0.14	0.08	71.42
5,848.00	0.03	139.00	5,847.07	33.33	-42.83	45.57	0.17	-0.12	-124.53
5,938.00	0.02	125.24	5,937.07	33.30	-42.80	45.54	0.01	-0.01	-15.29
6,028.00	0.09	229.05	6,027.07	33.24	-42.85	45.58	0.11	0.08	115.34
6,117.00	0.04	257.45	6,116.07	33.19	-42.93	45.66	0.07	-0.06	31.91
6,207.00	0.12	233.61	6,206.07	33.13	-43.03	45.76	0.09	0.09	-26.49
6,297.00	0.58	201.91	6,296.07	32.65	-43.28	45.96	0.54	0.51	-35.22
6,386.00	0.89	202.76	6,385.06	31.59	-43.72	46.30	0.35	0.35	0.96
6,476.00	1.11	195.59	6,475.04	30.11	-44.22	46.68	0.28	0.24	-7.97
6,566.00	1.58	194.41	6,565.02	28.07	-44.76	47.04	0.52	0.52	-1.31
6,656.00	2.48	193.67	6,654.96	24.98	-45.53	47.54	1.00	1.00	-0.82
6,745.00	3.02	190.28	6,743.86	20.80	-46.41	48.04	0.63	0.61	-3.81
6,835.00	3.29	187.96	6,833.72	15.91	-47.19	48.39	0.33	0.30	-2.58
6,925.00	3.33	185.69	6,923.57	10.75	-47.80	48.56	0.15	0.04	-2.52
7,014.00	3.52	185.70	7,012.41	5.46	-48.33	48.62	0.21	0.21	0.01
7,104.00	3.81	183.66	7,102.23	-0.28	-48.80	48.59	0.35	0.32	-2.27
7,194.00	3.99	184.46	7,192.02	-6.38	-49.23	48.49	0.21	0.20	0.89
7,283.00	4.14	184.71	7,280.80	-12.67	-49.74	48.44	0.17	0.17	0.28
7,373.00	4.38	186.77	7,370.55	-19.32	-50.41	48.53	0.32	0.27	2.29
7,463.00	4.51	186.88	7,460.28	-26.25	-51.24	48.75	0.14	0.14	0.12
7,552.00	4.62	187.64	7,549.00	-33.27	-52.13	49.03	0.14	0.12	0.85
7,642.00	4.54	187.46	7,638.71	-40.40	-53.08	49.35	0.09	-0.09	-0.20
7,732.00	4.51	187.29	7,728.43	-47.44	-53.99	49.65	0.04	-0.03	-0.19
7,822.00	4.87	191.48	7,818.13	-54.69	-55.20	50.22	0.55	0.40	4.66
7,911.00	5.49	196.62	7,906.76	-62.47	-57.17	51.50	0.87	0.70	5.78
8,001.00	5.35	197.01	7,996.36	-70.61	-59.63	53.24	0.16	-0.16	0.43
8,091.00	5.26	203.23	8,085.98	-78.42	-62.48	55.41	0.65	-0.10	6.91
8,181.00	4.83	207.41	8,175.63	-85.57	-65.85	58.14	0.63	-0.48	4.64
8,271.00	4.67	209.01	8,265.32	-92.14	-69.37	61.08	0.23	-0.18	1.78
8,361.00	4.17	211.63	8,355.05	-98.13	-72.87	64.04	0.60	-0.56	2.91

SDT

Survey Report

Company:	Occidental Petroleum_Rockies	Local Co-ordinate Reference:	Well Glade East
Project:	WELD-NAD83-UTMFT13N	TVD Reference:	4900+28 @ 4928.00usft (Precision 580)
Site:	Glade 3N-66W-02 Pad	MD Reference:	4900+28 @ 4928.00usft (Precision 580)
Well:	Glade East	North Reference:	True
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 5000 Multi 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)	
8,450.00	4.00	216.54	8,443.82	-103.38	-76.41	67.11	0.44	-0.19	5.52	
8,540.00	4.03	216.17	8,533.60	-108.45	-80.15	70.39	0.04	0.03	-0.41	
8,630.00	3.76	215.65	8,623.40	-113.40	-83.73	73.53	0.30	-0.30	-0.58	
8,719.00	3.52	215.84	8,712.22	-117.99	-87.03	76.42	0.27	-0.27	0.21	
8,809.00	3.16	218.62	8,802.06	-122.17	-90.20	79.21	0.44	-0.40	3.09	
8,899.00	3.17	220.63	8,891.93	-125.99	-93.37	82.03	0.12	0.01	2.23	
8,988.00	3.02	218.53	8,980.80	-129.70	-96.43	84.76	0.21	-0.17	-2.36	
9,078.00	2.76	218.33	9,070.68	-133.25	-99.25	87.26	0.29	-0.29	-0.22	
9,168.00	2.63	219.22	9,160.58	-136.55	-101.90	89.61	0.15	-0.14	0.99	
9,257.00	2.57	218.49	9,249.49	-139.69	-104.43	91.86	0.08	-0.07	-0.82	
9,347.00	2.55	220.11	9,339.40	-142.80	-106.98	94.13	0.08	-0.02	1.80	
9,437.00	2.57	216.29	9,429.31	-145.96	-109.46	96.33	0.19	0.02	-4.24	
9,526.00	3.36	218.95	9,518.19	-149.60	-112.28	98.82	0.90	0.89	2.99	
9,616.00	3.55	217.82	9,608.03	-153.85	-115.65	101.80	0.22	0.21	-1.26	
9,705.00	4.09	216.71	9,696.83	-158.57	-119.24	104.96	0.61	0.61	-1.25	
9,795.00	3.52	223.30	9,786.63	-163.16	-123.05	108.36	0.80	-0.63	7.32	
9,885.00	3.51	223.56	9,876.46	-167.16	-126.84	111.79	0.02	-0.01	0.29	
9,974.00	3.34	225.03	9,965.30	-170.97	-130.56	115.16	0.21	-0.19	1.65	
10,064.00	3.43	224.49	10,055.15	-174.74	-134.30	118.56	0.11	0.10	-0.60	
10,154.00	3.23	225.84	10,144.99	-178.43	-138.00	121.93	0.24	-0.22	1.50	
10,244.00	3.20	226.70	10,234.85	-181.92	-141.65	125.26	0.06	-0.03	0.96	
10,333.00	3.12	228.82	10,323.72	-185.22	-145.28	128.59	0.16	-0.09	2.38	
10,423.00	3.10	228.34	10,413.58	-188.45	-148.94	131.95	0.04	-0.02	-0.53	
10,513.00	3.04	230.14	10,503.45	-191.59	-152.59	135.31	0.13	-0.07	2.00	
10,603.00	3.02	229.85	10,593.33	-194.65	-156.24	138.68	0.03	-0.02	-0.32	
10,692.00	2.82	229.00	10,682.21	-197.60	-159.68	141.85	0.23	-0.22	-0.96	
10,782.00	2.86	228.26	10,772.10	-200.55	-163.03	144.93	0.06	0.04	-0.82	
10,872.00	2.65	228.64	10,862.00	-203.42	-166.26	147.90	0.23	-0.23	0.42	
10,962.00	2.33	231.02	10,951.91	-205.94	-169.25	150.66	0.37	-0.36	2.64	
11,052.00	2.16	230.74	11,041.84	-208.17	-171.98	153.19	0.19	-0.19	-0.31	
11,089.00	1.92	232.53	11,078.82	-208.99	-173.02	154.14	0.67	-0.65	4.84	
11,127.70	1.88	232.50	11,117.50	-209.77	-174.03	155.09	0.11	-0.11	-0.08	
Top Prod @ 11127' MD / 1319' FEL & 1923' FSL										
11,267.90	1.73	232.37	11,257.63	-212.46	-177.53	158.34	0.11	-0.11	-0.09	
11,362.70	1.24	220.83	11,352.40	-214.11	-179.34	159.99	0.60	-0.52	-12.17	
11,457.60	1.45	234.34	11,447.27	-215.58	-180.98	161.51	0.40	0.22	14.24	
11,482.00	1.06	233.10	11,471.67	-215.90	-181.42	161.91	1.60	-1.60	-5.08	
11,577.00	2.44	278.40	11,566.62	-216.13	-184.12	164.58	1.95	1.45	47.68	
11,672.00	4.04	289.61	11,661.47	-214.71	-189.27	169.84	1.80	1.68	11.80	
11,767.00	5.82	279.83	11,756.12	-212.77	-197.17	177.88	2.07	1.87	-10.29	
11,862.00	7.40	284.14	11,850.48	-210.45	-207.85	188.72	1.74	1.66	4.54	
11,956.00	7.07	285.36	11,943.73	-207.44	-219.30	200.38	0.39	-0.35	1.30	
12,051.00	7.05	286.80	12,038.01	-204.21	-230.52	211.84	0.19	-0.02	1.52	
12,146.00	7.07	288.29	12,132.29	-200.69	-241.65	223.24	0.19	0.02	1.57	

SDT

Survey Report

Company:	Occidental Petroleum_Rockies	Local Co-ordinate Reference:	Well Glade East
Project:	WELD-NAD83-UTMFT13N	TVD Reference:	4900+28 @ 4928.00usft (Precision 580)
Site:	Glade 3N-66W-02 Pad	MD Reference:	4900+28 @ 4928.00usft (Precision 580)
Well:	Glade East	North Reference:	True
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 5000 Multi 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)
12,241.00	6.97	291.28	12,226.58	-196.76	-252.57	234.46	0.40	-0.11	3.15
12,336.00	7.27	275.34	12,320.86	-194.11	-263.93	246.01	2.10	0.32	-16.78
12,431.00	7.14	274.65	12,415.11	-193.07	-275.80	257.92	0.16	-0.14	-0.73
12,526.00	6.85	276.13	12,509.40	-191.99	-287.32	269.49	0.36	-0.31	1.56
12,620.00	6.73	276.63	12,602.74	-190.75	-298.36	280.60	0.14	-0.13	0.53
12,715.00	6.61	276.05	12,697.10	-189.53	-309.33	291.63	0.14	-0.13	-0.61
12,810.00	6.54	277.17	12,791.47	-188.28	-320.13	302.50	0.15	-0.07	1.18
12,905.00	6.29	275.16	12,885.88	-187.14	-330.68	313.11	0.35	-0.26	-2.12
12,999.00	6.19	274.57	12,979.32	-186.27	-340.86	323.33	0.13	-0.11	-0.63
13,094.00	6.12	275.35	13,073.77	-185.39	-351.01	333.52	0.11	-0.07	0.82
13,189.00	5.98	277.54	13,168.24	-184.27	-360.96	343.52	0.28	-0.15	2.31
13,284.00	6.34	279.98	13,262.70	-182.71	-371.03	353.69	0.47	0.38	2.57
13,379.00	6.27	283.34	13,357.12	-180.60	-381.24	364.05	0.40	-0.07	3.54
13,474.00	7.14	277.86	13,451.47	-178.60	-392.14	375.08	1.14	0.92	-5.77
13,568.00	6.69	279.05	13,544.79	-176.94	-403.33	386.38	0.50	-0.48	1.27
13,663.00	7.18	267.17	13,639.10	-176.36	-414.73	397.78	1.59	0.52	-12.51
13,758.00	6.87	268.55	13,733.38	-176.80	-426.34	409.31	0.37	-0.33	1.45
13,853.00	6.06	273.70	13,827.78	-176.62	-437.02	419.97	1.05	-0.85	5.42
13,947.00	5.76	276.93	13,921.28	-175.73	-446.66	429.64	0.48	-0.32	3.44
14,042.00	6.76	269.45	14,015.72	-175.21	-456.98	439.97	1.36	1.05	-7.87
14,137.00	6.31	274.16	14,110.10	-174.88	-467.78	450.76	0.74	-0.47	4.96
14,232.00	6.13	276.24	14,204.54	-173.95	-478.03	461.05	0.30	-0.19	2.19
14,327.00	7.20	268.41	14,298.90	-173.57	-489.02	472.03	1.48	1.13	-8.24
14,421.00	6.61	275.00	14,392.22	-173.26	-500.30	483.30	1.05	-0.63	7.01
14,516.00	6.06	284.12	14,486.64	-171.56	-510.61	493.72	1.21	-0.58	9.60
14,611.00	5.93	287.67	14,581.12	-168.85	-520.15	503.45	0.41	-0.14	3.74
14,706.00	6.54	291.45	14,675.56	-165.38	-529.86	513.43	0.77	0.64	3.98
14,800.00	7.00	285.76	14,768.90	-161.87	-540.36	524.19	0.86	0.49	-6.05
14,896.00	7.39	283.60	14,864.15	-158.82	-551.99	536.04	0.49	0.41	-2.25
14,990.00	7.58	285.77	14,957.35	-155.72	-563.83	548.11	0.36	0.20	2.31
15,085.00	8.19	286.42	15,051.45	-152.10	-576.35	560.90	0.65	0.64	0.68
15,180.00	9.20	280.62	15,145.36	-148.79	-590.31	575.09	1.41	1.06	-6.11
15,275.00	8.90	279.60	15,239.17	-146.17	-605.02	589.97	0.36	-0.32	-1.07
15,370.00	8.87	274.72	15,333.04	-144.34	-619.56	604.62	0.79	-0.03	-5.14
15,464.00	8.48	271.07	15,425.96	-143.61	-633.71	618.79	0.72	-0.41	-3.88
15,559.00	8.03	270.21	15,519.98	-143.46	-647.35	632.39	0.49	-0.47	-0.91
15,654.00	6.77	264.85	15,614.18	-143.93	-659.57	644.51	1.51	-1.33	-5.64
15,749.00	6.45	265.34	15,708.55	-144.87	-670.46	655.28	0.34	-0.34	0.52
15,844.00	6.87	263.99	15,802.91	-145.90	-681.43	666.12	0.47	0.44	-1.42
15,938.00	6.37	264.48	15,896.28	-146.99	-692.21	676.77	0.54	-0.53	0.52
16,008.00	6.65	262.11	15,965.83	-147.92	-700.09	684.53	0.55	0.40	-3.39
16,198.00	7.39	250.53	16,154.42	-153.50	-722.51	706.38	0.84	0.39	-6.09
16,293.00	6.34	258.55	16,248.74	-156.58	-733.41	716.97	1.49	-1.11	8.44

SDT Survey Report

Company:	Occidental Petroleum_Rockies	Local Co-ordinate Reference:	Well Glade East
Project:	WELD-NAD83-UTMFT13N	TVD Reference:	4900+28 @ 4928.00usft (Precision 580)
Site:	Glade 3N-66W-02 Pad	MD Reference:	4900+28 @ 4928.00usft (Precision 580)
Well:	Glade East	North Reference:	True
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 5000 Multi 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)	
16,388.00	6.25	262.85	16,343.16	-158.27	-743.68	727.06	0.51	-0.09	4.53	
16,483.00	5.34	271.57	16,437.68	-158.79	-753.23	736.53	1.33	-0.96	9.18	
16,578.00	4.57	279.48	16,532.32	-158.04	-761.39	744.71	1.08	-0.81	8.33	
16,672.00	4.09	280.31	16,626.06	-156.83	-768.38	751.79	0.51	-0.51	0.88	
16,767.00	4.75	280.55	16,720.77	-155.50	-775.58	759.07	0.70	0.69	0.25	
16,862.00	3.64	289.72	16,815.52	-153.76	-782.28	765.91	1.36	-1.17	9.65	
16,957.00	5.16	296.05	16,910.24	-150.87	-788.96	772.81	1.68	1.60	6.66	
17,052.00	5.36	298.23	17,004.84	-146.89	-796.71	780.87	0.30	0.21	2.29	
17,147.00	5.31	308.87	17,099.43	-142.04	-804.04	788.60	1.04	-0.05	11.20	
17,261.00	5.02	317.93	17,212.97	-135.02	-811.49	796.63	0.76	-0.25	7.95	
17,285.00	4.89	319.11	17,236.88	-133.47	-812.86	798.14	0.69	-0.54	4.92	
17,379.00	5.60	314.21	17,330.48	-127.24	-818.77	804.57	0.89	0.76	-5.21	
17,474.00	6.15	310.22	17,424.98	-120.73	-825.98	812.32	0.72	0.58	-4.20	
17,569.00	6.36	308.79	17,519.42	-114.14	-833.97	820.85	0.28	0.22	-1.51	
17,664.00	6.74	309.29	17,613.80	-107.32	-842.38	829.83	0.40	0.40	0.53	
17,759.00	7.37	309.52	17,708.08	-99.91	-851.40	839.45	0.66	0.66	0.24	
17,853.00	6.71	306.48	17,801.37	-92.81	-860.47	849.10	0.81	-0.70	-3.23	
17,948.00	6.45	304.99	17,895.74	-86.45	-869.30	858.46	0.33	-0.27	-1.57	
18,043.00	6.20	303.03	17,990.17	-80.59	-877.97	867.61	0.35	-0.26	-2.06	
18,138.00	6.24	303.95	18,084.61	-74.91	-886.56	876.65	0.11	0.04	0.97	
18,233.00	6.38	298.02	18,179.03	-69.55	-895.50	886.03	0.70	0.15	-6.24	
18,328.00	6.24	298.75	18,273.46	-64.59	-904.68	895.61	0.17	-0.15	0.77	
18,422.00	6.21	301.31	18,366.90	-59.49	-913.51	904.85	0.30	-0.03	2.72	
18,517.00	6.83	293.83	18,461.29	-54.53	-923.06	914.80	1.11	0.65	-7.87	
18,612.00	7.50	284.62	18,555.55	-50.69	-934.23	926.26	1.40	0.71	-9.69	
18,707.00	7.54	285.97	18,649.73	-47.41	-946.22	938.49	0.19	0.04	1.42	
18,802.00	7.36	287.64	18,743.93	-43.85	-958.01	950.55	0.30	-0.19	1.76	
18,936.00	7.36	287.64	18,876.83	-38.65	-974.37	967.30	0.00	0.00	0.00	
BHL@ 18936' MD-2119' FEL & 2094' FSL										

Design Targets										
Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude	
- hit/miss target										
- Shape										
Glade East SHL	0.00	0.00	0.00	0.00	0.00	14,618,806.85	1,713,249.34	40.252551	-104.738967	
- actual wellpath hits target center										
- Point										
Glade East BHL	0.00	0.00	18,876.83	-38.65	-974.37	14,618,765.33	1,712,275.08	40.252445	-104.742459	
- actual wellpath hits target center										
- Point										

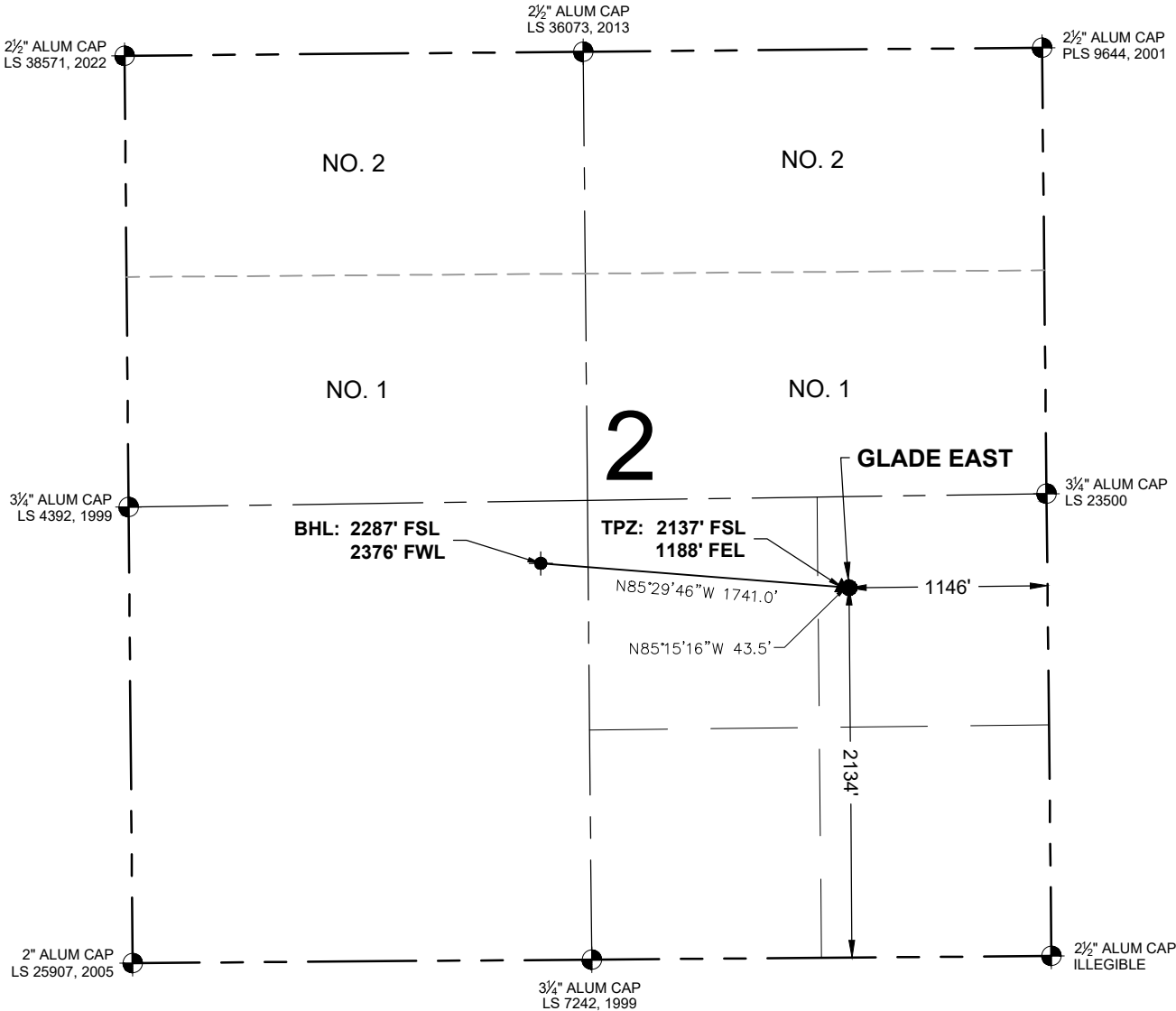
SDT
Survey Report

Company:	Occidental Petroleum_Rockies	Local Co-ordinate Reference:	Well Glade East
Project:	WELD-NAD83-UTMFT13N	TVD Reference:	4900+28 @ 4928.00usft (Precision 580)
Site:	Glade 3N-66W-02 Pad	MD Reference:	4900+28 @ 4928.00usft (Precision 580)
Well:	Glade East	North Reference:	True
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 5000 Multi User Db

Design Annotations					
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment	
		+N/-S (usft)	+E/-W (usft)		
11,127.70	11,117.50	-209.77	-174.03	Top Prod @ 11127' MD / 1319' FEL & 1923' FSL	
18,936.00	18,876.83	-38.65	-974.37	BHL@ 18936' MD-2119' FEL & 2094' FSL	

Checked By: _____	Approved By: _____	Date: _____
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GLADE EAST
WELL LOCATION EXHIBIT



WELL GLADE EAST TO BE
LOCATED 2134' FSL & 1146' FEL

WELL BORE COORDINATES
(NAD83)

SURFACE LOCATION:
GROUND ELEVATION=4901'
LATITUDE:40.252551°N
LONGITUDE:104.738967°W

TOP PRODUCTION ZONE:
LATITUDE:40.252562°N
LONGITUDE:104.739122°W

BOTTOM HOLE:
LATITUDE:40.252978°N
LONGITUDE:104.745336°W

WELL NOTES:
LAND SURFACE USE - DRY LAND CROP
SEE LOCATION DRAWING FOR ADDITIONAL IMPROVEMENTS
WITHIN 500'

PDOP=1.3
GPS OPERATOR: JOSHUA MCCrackEN

NOTES:

1. THIS FIELD SURVEY CONFORMS TO THE MINIMUM STANDARDS SET BY THE ECMC, RULE NO. 216.
2. ALL BEARINGS ARE GRID BEARINGS OF THE COLORADO STATE PLANE COORDINATE SYSTEM, NORTH ZONE, NORTH AMERICAN DATUM 1983/2011. THE LINEAL DIMENSIONS AS SHOWN HEREIN ARE GRID DISTANCES BASED UPON THE "U.S. SURVEY FOOT." TO DERIVE GROUND DISTANCES MULTIPLY SHOWN DISTANCE BY 1.00027482.
3. FIELD VERIFICATION OF MONUMENTS COMPLETED WITHIN 2 YEARS OF SIGNATURE DATE, UNLESS OTHERWISE NOTED.

LEGEND

- = EXISTING MONUMENT
- = PROPOSED WELL
- ▲ = TOP PRODUCTION ZONE
- = BOTTOM HOLE
- BHL = BOTTOM HOLE

I, KEVIN J. MARTIN, A LICENSED PROFESSIONAL LAND SURVEYOR IN THE STATE OF COLORADO, DO HEREBY STATE TO **OC**CIDENTAL **PETROLEUM** THAT THE WELL LOCATION EXHIBIT SHOWN HEREON WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THE DRAWING SHOWN HEREON ACCURATELY DEPICTS THE PROPOSED LOCATION OF THE WELL. THIS EXHIBIT MEETS THE REQUIREMENTS OF A GIS LAND POSITION AS DEFINED BY SECTION 38-51-109.3 C.R.S. AND AS SUCH PER SECTION 38-51-109.3 C.R.S. CANNOT BE RELIED UPON TO DETERMINE OWNERSHIP.



KEVIN J. MARTIN, PLS 38580
COLORADO LICENSED PROFESSIONAL LAND SURVEYOR
FOR AND ON BEHALF OF P.F.S., LLC
d.b.a. ASCENT GEOMATICS SOLUTIONS

NOTICE: ACCORDING TO COLORADO LAW YOU MUST COMMENCE ANY LEGAL ACTION BASED UPON ANY DEFECT IN THIS SURVEY WITHIN THREE YEARS AFTER YOU FIRST DISCOVER SUCH DEFECT. IN NO EVENT MAY ANY ACTION BASED UPON ANY DEFECT IN THIS SURVEY BE COMMENCED MORE THAN TEN YEARS FROM THIS SAID DATE OF THIS CERTIFICATION SHOWN HEREON.

SHEET 1 OF 1



8620 Wolff Court
Westminster, CO 80031
(303) 928-7128
www.ascentgeomatics.com

FIELD DATE:

12-03-24

DRAWING DATE:

01-20-25

BY:

NJH

CHECKED:

HJL

WELL NAME:

GLADE EAST

SURFACE LOCATION:

NE1/4 SE1/4 SEC. 2, T3N, R66W, 6TH P.M.

WELD COUNTY, COLORADO

PREPARED FOR:

