

30-015-37950

OCCIDENTAL PERMIAN LTD.

Lost Tank Delaware, West
Eddy County, NM
Lost Tank 3 Federal #13
VH - Job #32K101839

Survey: Actual

SDI Standard Survey Report

14 November, 2010

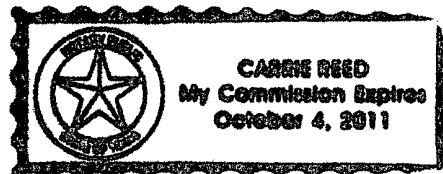
This survey is correct to the best of my knowledge and is supported by actual field data.

[Signature]

Notorized this date 16th of November, 2010.

[Signature]

Notary Signature
County of Midland
State of Texas

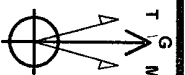


NR



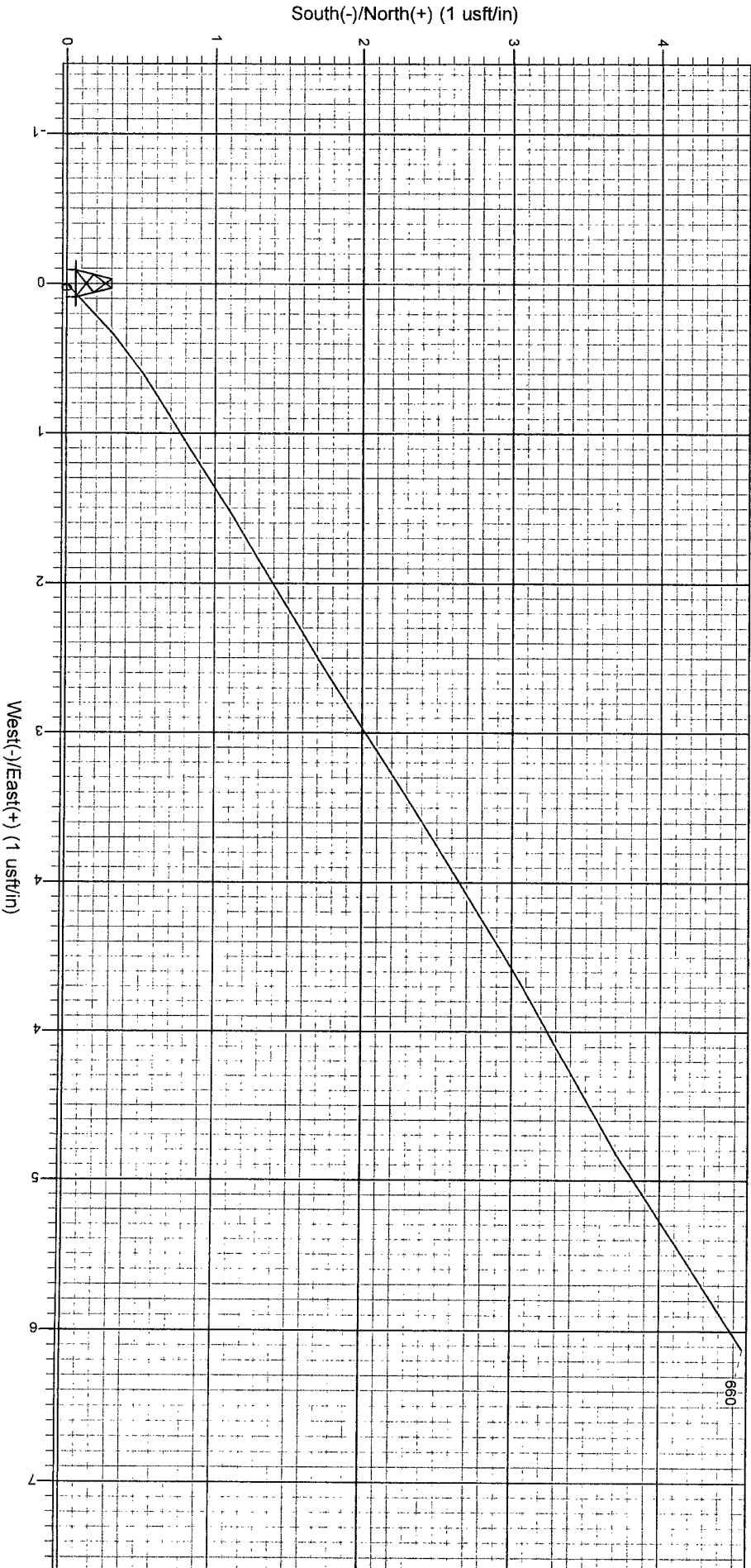
Scientific Drilling

Project: Lost Tank Delaware, West
Eddy County, NM
Well: Lost Tank 3 Federal #13
Wellbore: VH - Job #32K101839
Design: VH - Job #32K101839



Azimuths to Grid North
True North: -0.30°
Magnetic North: 7.52°
Magnetic Field
Strength: 46839 8nT
Dip Angle: 60.36°
Date: 10/28/2010
Model: BCGM2010

WELL DETAILS: Lost Tank 3 Federal #13
WELL @ 0.0usft (Original Well Elev)
Ground Level: 0.0
Northing 516846.85
Easting 675692.90
Latitude 32° 25' 10.701 N
Longitude 103° 45' 50.285 W
Slot



PROJECT DETAILS: Lost Tank Delaware, West
Geodetic System: US State Plane 1927 (Exact solution)
Datum: NAD 1927 (NADCON CONUS)
Ellipsoid: Clarke 1866
Zone: New Mexico East 3001
System Datum: Mean Sea Level

SITE DETAILS: Eddy County, NM
Site Centre Latitude: 32° 24' 54.705 N
Longitude: 103° 45' 46.737 W
Positional Uncertainty: 0.0
Convergence: 0.31
Local North: Grid

Scientific Drilling International, Inc.

SDI Standard Survey Report

Company:	OCCIDENTAL PERMIAN LTD.	Local Co-ordinate Reference:	Well Lost Tank 3 Federal #13
Project:	Lost Tank Delaware, West	TVD Reference:	WELL @ 0.0usft (Original Well Elev)
Site:	Eddy County, NM	MD Reference:	WELL @ 0.0usft (Original Well Elev)
Well:	Lost Tank 3 Federal #13	North Reference:	Grid
Wellbore:	VH - Job #32K101839	Survey Calculation Method:	Minimum Curvature
Design:	VH - Job #32K101839	Database:	EDM-Regulatory

Project	Lost Tank Delaware, West		
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	Eddy County, NM		
Site Position:		Northing:	515,232.05 usft
From:	Lat/Long	Easting:	676,005.63 usft
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16"
		Latitude:	32° 24' 54.705 N
		Longitude:	103° 45' 46.737 W
		Grid Convergence:	0.31 °

Well	Lost Tank 3 Federal #13, Directional (Baker Inteq)		
Well Position	+N/-S	0.0 usft	Northing: 516,846.85 usft
	+E/-W	0.0 usft	Easting: 675,692.90 usft
Position Uncertainty	0.0 usft	Wellhead Elevation:	usft
		Latitude:	32° 25' 10.701 N
		Longitude:	103° 45' 50.285 W
		Ground Level:	0.0 usft

Wellbore	VH - Job #32K101839		
Magnetics	Model Name	Sample Date	Declination
	BGGM2010	10/28/2010	(°)
			7.62
			Dip Angle (°)
			60.36
			Field Strength (nT)
			48,840

Design	VH - Job #32K101839		
Audit Notes:			
Version:	1.0	Phase:	ACTUAL
		Tie On Depth:	0.0
Vertical Section:	Depth From (TVD)	+N/-S	+E/-W
	(usft)	(usft)	(usft)
	0.0	0.0	0.0
		Direction	(°)
		236.10	

Survey Program	Date 11/14/2010		
From	To	Survey (Wellbore)	Tool Name
(usft)	(usft)		
91.6	659.8	Actual (VH - Job #32K101839)	Keeper
			Description
			Keeper Surface Readout

Survey								
Measured Depth	Inclination	Azimuth	True Vertical	North/South	East/West	Closure Azimuth	Closure Distance	
(usft)	(°)	(°)	Depth	(usft)	(usft)	(°)	(usft)	
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.0	
91.6	0.52	47.17	91.6	0.3	0.3	47.17	0.4	
120.9	0.62	57.45	120.9	0.5	0.5	49.47	0.7	
213.5	0.68	57.44	213.5	1.0	1.4	54.24	1.8	
300.4	0.67	59.80	300.4	1.6	2.3	55.85	2.8	
388.3	0.69	55.00	388.3	2.1	3.2	56.27	3.8	
478.8	0.76	61.51	478.8	2.7	4.1	56.76	5.0	
569.3	0.84	59.61	569.3	3.3	5.2	57.52	6.2	
659.8	0.92	53.95	659.8	4.1	6.4	57.36	7.6	

Reset Form

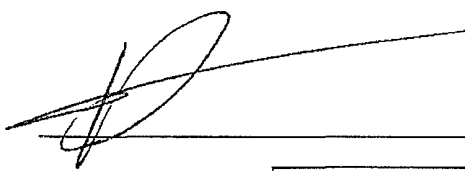
INTEQ

2105 MARKET STREET
MIDLAND, TX 79703
24 HR (432) 694-9517

STATE OF NEW MEXICO

COUNTY OF Eddy

I, Homer Coldiron, DD Field Service Engineer, certify that I am employed by INTEQ; did conduct or supervise on the the day(s) of Oct 30, 2010 through Nov 11, 2010 the taking of a MWD survey from a depth of 715 feet to a depth of 8,339 feet; that the data is true, correct, complete and within the limitations of the tool as set forth by Baker Hughes INTEQ; that I am authorized and qualified to make this report; that this survey was conducted at the request of: Oxy Permian for the Lost Tank 3 Federal No. 13 Well, API No. N/A in Eddy County, New Mexico; and that I have reviewed this report and find that it conforms to the principles and procedures as set forth by INTEQ.


Field Service Engineer: Homer Coldiron



OXY Permian

Location: Eddy County, NM
Field: Lost Tank
Facility: Lost Tank Pad C

Slot: Lost Tank 3 Fed No. 13
Well: 3 Fed No. 13
Wellbore: 3 Fed No. 13 PWB



Well Profile Data							
Design Comment	MD (ft)	Inc (°)	Az (°)	TVD (ft)	Local N (ft)	Local E (ft)	VS (ft)
Tie On	3958.00	1.100	23.800	3958.29	18.52	100.87	-94.05
EST. KOP	4143.00	1.100	23.800	4141.25	21.77	102.30	-97.06
END OF BUILD	5289.41	22.005	237.488	5260.78	-85.03	-76.77	111.14
PBHL	8351.72	22.005	237.488	8100.00	-701.74	-1044.36	1258.22

Plot reference wellpath is Plan #1	
True vertical depths are referenced to Rig on Lost Tank 3 Fed No. 13 (KB)	Grid System: NAD27 / TM New Mexico State Planes, Eastern Zone (3001), US feet
Measured depths are referenced to Rig on Lost Tank 3 Fed No. 13 (KB)	North Reference: Grid north
Rig on Lost Tank 3 Fed No. 13 (KB) to Mean Sea Level: 3503.1 feet	Scale: True distance
Mean Sea Level to Mud line (Facility: Lost Tank Pad C): 0 feet	Depths are in feet
Coordinates are in feet referenced to Slot	Created by: gomeoscr on 11/3/2010

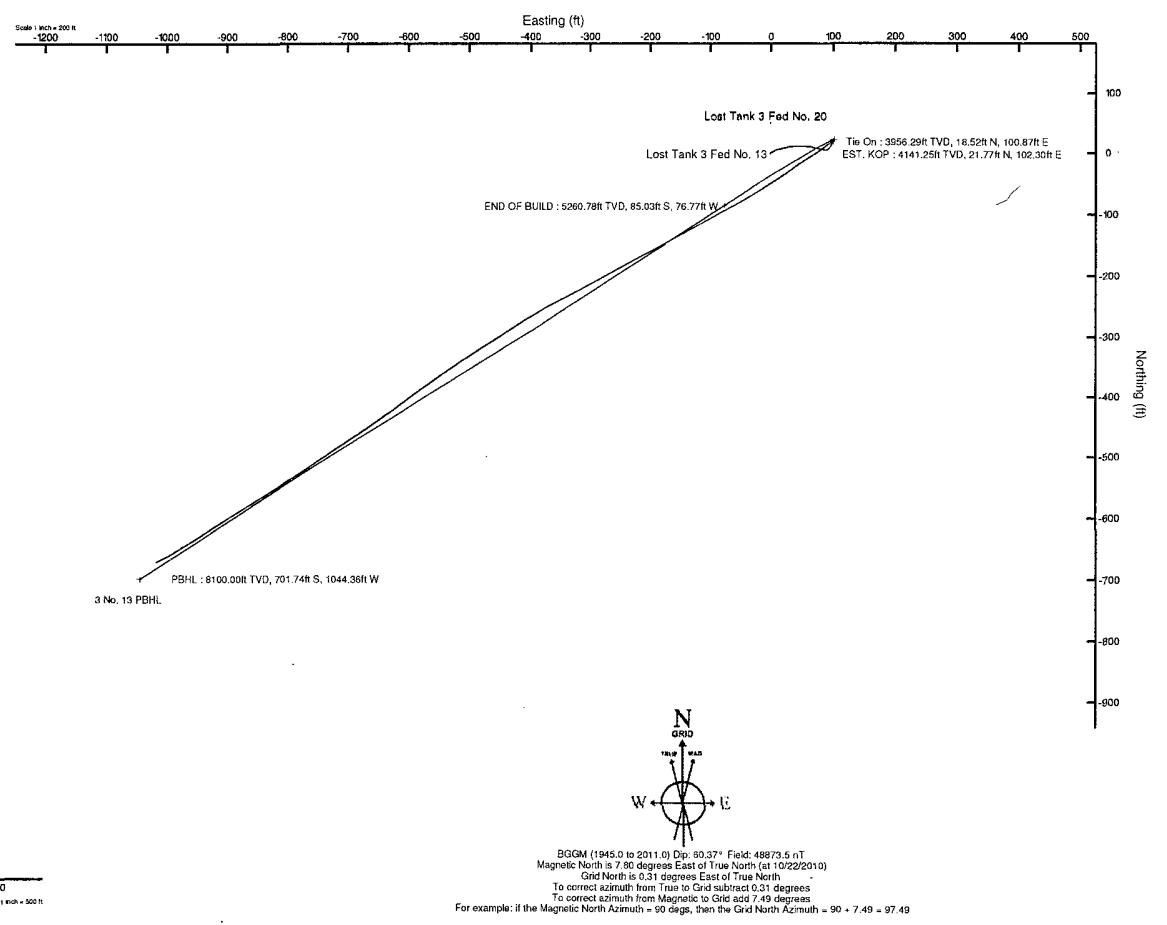
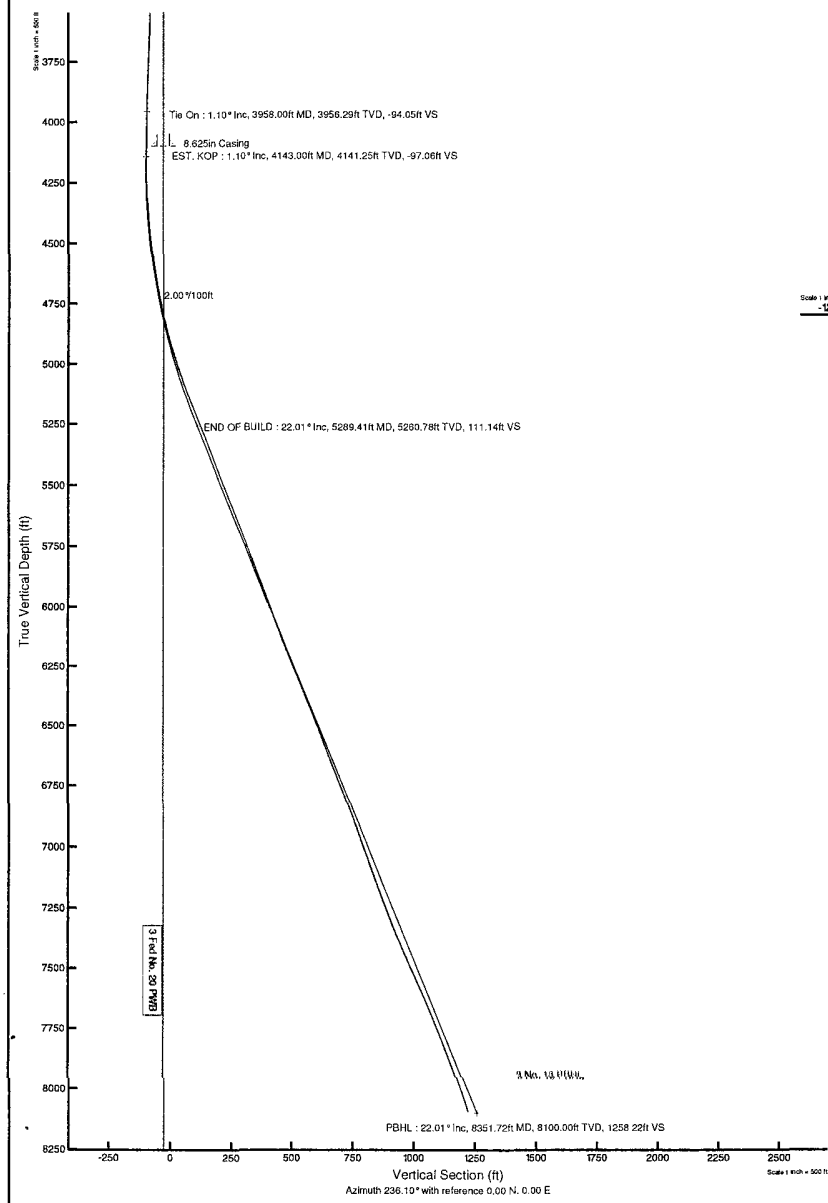


Diagram showing True North, Grid North, and Magnetic North.

True North (TN) is 7.90 degrees East of True North (at 10/22/2010)

Grid North (GN) is 0.31 degrees East of True North

To correct azimuth from True to Grid subtract 0.31 degrees

To correct azimuth from Magnetic to Grid add 7.49 degrees

For example: if the Magnetic North Azimuth = 90 degs, then the Grid North Azimuth = 90 + 7.49 = 97.49



Actual Wellpath Report

3 Fed No. 13 AWP

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INTEQ

REFERENCE WELLPATH IDENTIFICATION

Operator	OXY Permian	Slot	Lost Tank 3 Fed No. 13
Area	Eddy County, NM	Well	3 Fed No. 13
Field	Lost Tank	Wellbore	3 Fed No. 13 AWB
Facility	Lost Tank Pad C		

REPORT SETUP INFORMATION

Projection System	NAD27 / TM New Mexico State Planes, Eastern Zone (3001), US feet	Software System	WellArchitect® 2.0
North Reference	Grid	User	Gomeoscr
Scale	0.999944	Report Generated	11/11/2010 at 7:46:03 AM
Convergence at slot	0.31° East	Database/Source file	WA Midland/3_Fed_No_13_AWB.xml

WELLPATH LOCATION

	Local coordinates		Grid coordinates		Geographic coordinates	
	North[ft]	East[ft]	Easting[USft]	Northing[USft]	Latitude	Longitude
Slot Location	-50.00	0.30	675692.90	516846.80	32°25'10.700"N	103°45'50.285"W
Facility Reference Pt			675692.60	516896.80	32°25'11.195"N	103°45'50.285"W
Field Reference Pt			677702.20	514850.60	32°24'50.840"N	103°45'26.970"W

WELLPATH DATUM

Calculation method	Minimum curvature	Rig on Lost Tank 3 Fed No. 13 (KB) to Facility Vertical Datum	3503.10ft
Horizontal Reference Pt	Slot	Rig on Lost Tank 3 Fed No. 13 (KB) to Mean Sea Level	3503.10ft
Vertical Reference Pt	Rig on Lost Tank 3 Fed No. 13 (KB)	Facility Vertical Datum to Mud Line (Facility)	0.00ft
MD Reference Pt	Rig on Lost Tank 3 Fed No. 13 (KB)	Section Origin	N 0.00, E 0.00 ft
Field Vertical Reference	Mean Sea Level	Section Azimuth	236.10°



Actual Wellpath Report

3 Fed No. 13 AWP

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INTEQ

REFERENCE WELLPATH IDENTIFICATION

Operator	OXY Permian	Slot	Lost Tank 3 Fed No. 13
Area	Eddy County, NM	Well	3 Fed No. 13
Field	Lost Tank	Wellbore	3 Fed No. 13 AWP
Facility	Lost Tank Pad C		

WELLPATH DATA (95 stations) † = interpolated/extrapolated station

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Grid East [srv ft]	Grid North [srv ft]	Latitude	Longitude	DLS [°/100ft]
0.00†	0.000	47.170	0.00	0.00	0.00	0.00	675692.90	516846.80	32°25'10.700"N	103°45'50.285"W	0.00
16.50	0.000	47.170	16.50	0.00	0.00	0.00	675692.90	516846.80	32°25'10.700"N	103°45'50.285"W	0.00
91.60	0.520	47.170	91.60	-0.34	0.23	0.25	675693.15	516847.03	32°25'10.703"N	103°45'50.282"W	0.69
120.90	0.620	57.450	120.90	-0.63	0.41	0.48	675693.38	516847.21	32°25'10.704"N	103°45'50.279"W	0.49
213.50	0.680	57.440	213.49	-1.68	0.97	1.37	675694.27	516847.77	32°25'10.710"N	103°45'50.269"W	0.06
300.40	0.670	59.800	300.39	-2.70	1.51	2.24	675695.14	516848.31	32°25'10.715"N	103°45'50.259"W	0.03
388.30	0.690	55.000	388.28	-3.74	2.07	3.12	675696.02	516848.87	32°25'10.721"N	103°45'50.248"W	0.07
478.80	0.760	61.510	478.77	-4.88	2.67	4.09	675696.99	516849.47	32°25'10.726"N	103°45'50.237"W	0.12
569.30	0.840	59.610	569.26	-6.14	3.29	5.19	675698.09	516850.09	32°25'10.733"N	103°45'50.224"W	0.09
659.80	0.920	53.950	659.75	-7.53	4.05	6.35	675699.25	516850.85	32°25'10.740"N	103°45'50.210"W	0.13
715.00	1.200	67.600	714.94	-8.54	4.53	7.24	675700.14	516851.33	32°25'10.745"N	103°45'50.200"W	0.68
835.00	1.200	75.400	834.92	-10.96	5.33	9.62	675702.52	516852.13	32°25'10.753"N	103°45'50.172"W	0.14
970.00	1.400	76.400	969.88	-13.84	6.07	12.59	675705.49	516852.87	32°25'10.760"N	103°45'50.138"W	0.15
1106.00	1.350	80.700	1105.84	-16.85	6.72	15.79	675708.69	516853.52	32°25'10.766"N	103°45'50.100"W	0.08
1241.00	1.600	70.200	1240.80	-20.13	7.62	19.13	675712.03	516854.42	32°25'10.775"N	103°45'50.061"W	0.27
1376.00	1.800	76.400	1375.74	-23.94	8.75	22.97	675715.86	516855.55	32°25'10.786"N	103°45'50.016"W	0.20
1511.00	1.900	75.400	1510.67	-28.04	9.82	27.19	675720.09	516856.62	32°25'10.796"N	103°45'49.967"W	0.08
1646.00	1.700	86.100	1645.60	-31.89	10.52	31.36	675724.25	516857.32	32°25'10.803"N	103°45'49.918"W	0.29
1782.00	2.000	81.400	1781.53	-35.78	11.01	35.71	675728.61	516857.81	32°25'10.807"N	103°45'49.868"W	0.25
1917.00	1.400	91.000	1916.47	-39.27	11.33	39.69	675732.59	516858.13	32°25'10.810"N	103°45'49.821"W	0.49
2052.00	1.500	88.000	2051.43	-42.12	11.37	43.11	675736.00	516858.17	32°25'10.810"N	103°45'49.781"W	0.09
2187.00	1.800	92.600	2186.37	-45.32	11.33	46.99	675739.89	516858.13	32°25'10.810"N	103°45'49.736"W	0.24
2322.00	2.300	87.700	2321.29	-49.34	11.34	51.82	675744.71	516858.14	32°25'10.810"N	103°45'49.680"W	0.39
2457.00	1.700	96.900	2456.20	-53.16	11.21	56.51	675749.41	516858.01	32°25'10.808"N	103°45'49.625"W	0.50
2592.00	2.200	93.400	2591.12	-56.74	10.82	61.09	675753.98	516857.62	32°25'10.804"N	103°45'49.572"W	0.38
2728.00	1.600	109.500	2727.05	-59.94	10.03	65.48	675758.38	516856.83	32°25'10.796"N	103°45'49.520"W	0.59
2863.00	1.800	102.500	2861.99	-62.53	8.94	69.33	675762.22	516855.74	32°25'10.785"N	103°45'49.476"W	0.21
2998.00	2.300	103.600	2996.90	-65.82	7.85	74.03	675766.93	516854.64	32°25'10.774"N	103°45'49.421"W	0.37
3133.00	2.500	102.100	3131.79	-69.70	6.59	79.54	675772.44	516853.39	32°25'10.761"N	103°45'49.357"W	0.16
3269.00	2.100	98.500	3267.68	-73.60	5.60	84.91	675777.80	516852.40	32°25'10.751"N	103°45'49.294"W	0.31
3404.00	2.000	88.500	3402.59	-77.41	5.30	89.71	675782.60	516852.10	32°25'10.748"N	103°45'49.238"W	0.27
3539.00	1.400	44.700	3537.54	-81.02	6.53	93.22	675786.12	516853.33	32°25'10.760"N	103°45'49.197"W	1.03
3674.00	2.300	33.400	3672.46	-85.14	9.96	95.87	675788.77	516856.76	32°25'10.794"N	103°45'49.166"W	0.72
3810.00	2.300	30.200	3808.35	-90.11	14.60	98.75	675791.64	516861.40	32°25'10.840"N	103°45'49.132"W	0.09
3958.00	1.100	23.800	3956.29	-93.98	18.47	100.82	675793.71	516865.27	32°25'10.878"N	103°45'49.108"W	0.82
4104.00	1.100	26.800	4102.26	-96.39	21.00	102.01	675794.91	516867.80	32°25'10.903"N	103°45'49.093"W	0.04
4150.00	0.500	8.100	4148.25	-96.91	21.59	102.24	675795.14	516868.39	32°25'10.909"N	103°45'49.091"W	1.41
4195.00	0.700	242.000	4193.25	-96.76	21.66	102.03	675794.92	516868.46	32°25'10.909"N	103°45'49.093"W	2.39
4240.00	2.400	228.600	4238.24	-95.56	20.91	101.08	675793.97	516867.71	32°25'10.902"N	103°45'49.104"W	3.84
4285.00	3.500	225.500	4283.18	-93.27	19.32	99.39	675792.28	516866.12	32°25'10.886"N	103°45'49.124"W	2.47
4330.00	4.000	232.500	4328.08	-90.36	17.40	97.17	675790.06	516864.20	32°25'10.867"N	103°45'49.150"W	1.50
4375.00	4.100	236.300	4372.97	-87.18	15.56	94.58	675787.48	516862.35	32°25'10.849"N	103°45'49.181"W	0.64
4420.00	4.300	239.900	4417.85	-83.89	13.82	91.78	675784.68	516860.62	32°25'10.832"N	103°45'49.213"W	0.74
4465.00	5.300	231.300	4462.69	-80.13	11.67	88.70	675781.60	516858.47	32°25'10.811"N	103°45'49.249"W	2.73
4510.00	6.500	230.500	4507.45	-75.53	8.75	85.11	675778.01	516855.55	32°25'10.782"N	103°45'49.291"W	2.67



Actual Wellpath Report

3 Fed No. 13 AWP

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INTEQ

REFERENCE WELLPATH IDENTIFICATION

Operator	OXY Permian	Slot	Lost Tank 3 Fed No. 13
Area	Eddy County, NM	Well	3 Fed No. 13
Field	Lost Tank	Wellbore	3 Fed No. 13 AWP
Facility	Lost Tank Pad C		

WELLPATH DATA (95 stations)

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Grid East [srv ft]	Grid North [srv ft]	Latitude	Longitude	DLS [°/100ft]
4555.00	7.500	232.400	4552.11	-70.06	5.34	80.82	675773.72	516852.14	32°25'10.749"N	103°45'49.342"W	2.28
4600.00	8.200	235.100	4596.69	-63.92	1.71	75.86	675768.76	516848.51	32°25'10.713"N	103°45'49.400"W	1.76
4645.00	8.900	236.800	4641.19	-57.23	-2.03	70.32	675763.21	516844.77	32°25'10.676"N	103°45'49.465"W	1.65
4690.00	9.500	237.800	4685.61	-50.04	-5.92	64.26	675757.16	516840.88	32°25'10.638"N	103°45'49.536"W	1.38
4736.00	11.000	237.500	4730.88	-41.86	-10.30	57.35	675750.25	516836.50	32°25'10.595"N	103°45'49.616"W	3.26
4781.00	12.200	235.200	4774.96	-32.81	-15.32	49.82	675742.72	516831.48	32°25'10.546"N	103°45'49.705"W	2.86
4826.00	13.100	234.400	4818.86	-22.96	-21.00	41.77	675734.67	516825.80	32°25'10.490"N	103°45'49.799"W	2.04
4871.00	14.100	233.000	4862.60	-12.39	-27.27	33.25	675726.15	516819.53	32°25'10.429"N	103°45'49.899"W	2.34
4916.00	15.400	235.100	4906.12	-0.94	-33.99	23.97	675716.87	516812.82	32°25'10.363"N	103°45'50.007"W	3.12
4961.00	16.500	236.300	4949.39	11.42	-40.95	13.75	675706.65	516805.85	32°25'10.294"N	103°45'50.127"W	2.55
5006.00	17.100	236.800	4992.46	24.43	-48.12	2.90	675695.80	516798.68	32°25'10.224"N	103°45'50.254"W	1.37
5051.00	18.200	238.200	5035.35	38.07	-55.44	-8.61	675684.29	516791.36	32°25'10.152"N	103°45'50.389"W	2.62
5096.00	19.000	239.000	5078.00	52.41	-62.92	-20.86	675672.04	516783.88	32°25'10.079"N	103°45'50.532"W	1.87
5141.00	20.400	240.200	5120.36	67.55	-70.59	-33.95	675658.96	516776.21	32°25'10.004"N	103°45'50.685"W	3.24
5232.00	21.700	241.800	5205.29	100.11	-86.42	-62.54	675630.37	516760.38	32°25'09.848"N	103°45'51.020"W	1.56
5277.00	21.900	241.100	5247.07	116.75	-94.41	-77.22	675615.69	516752.39	32°25'09.770"N	103°45'51.191"W	0.73
5367.00	21.400	241.900	5330.72	149.80	-110.26	-106.39	675586.51	516736.55	32°25'09.615"N	103°45'51.533"W	0.65
5457.00	21.700	241.400	5414.43	182.71	-125.96	-135.49	675557.42	516720.85	32°25'09.461"N	103°45'51.873"W	0.39
5548.00	22.100	241.600	5498.86	216.50	-142.15	-165.32	675527.59	516704.66	32°25'09.302"N	103°45'52.222"W	0.45
5638.00	21.700	242.500	5582.37	249.88	-157.89	-194.97	675497.94	516688.92	32°25'09.148"N	103°45'52.569"W	0.58
5728.00	21.100	241.900	5666.16	282.54	-173.20	-224.02	675468.90	516673.61	32°25'08.998"N	103°45'52.909"W	0.71
5818.00	21.800	241.100	5749.93	315.30	-188.91	-252.94	675439.98	516657.90	32°25'08.844"N	103°45'53.247"W	0.84
5908.00	21.400	242.000	5833.61	348.28	-204.69	-282.07	675410.85	516642.12	32°25'08.690"N	103°45'53.588"W	0.58
5998.00	20.800	241.800	5917.57	380.52	-219.95	-310.65	675382.27	516626.86	32°25'08.540"N	103°45'53.922"W	0.67
6089.00	20.300	243.100	6002.78	412.26	-234.73	-338.96	675353.96	516612.09	32°25'08.396"N	103°45'54.253"W	0.74
6179.00	19.900	243.400	6087.30	442.95	-248.65	-366.58	675326.34	516598.16	32°25'08.259"N	103°45'54.577"W	0.46
6269.00	21.300	239.300	6171.55	474.47	-263.86	-394.34	675298.59	516582.96	32°25'08.110"N	103°45'54.901"W	2.23
6359.00	22.500	236.100	6255.05	508.01	-281.81	-422.69	675270.24	516565.01	32°25'07.934"N	103°45'55.233"W	1.88
6450.00	22.000	236.700	6339.28	542.47	-300.88	-451.39	675241.54	516545.94	32°25'07.747"N	103°45'55.569"W	0.60
6540.00	21.600	236.500	6422.84	575.89	-319.27	-479.29	675213.64	516527.54	32°25'07.566"N	103°45'55.896"W	0.45
6630.00	20.800	236.800	6506.75	608.43	-337.17	-506.48	675186.45	516509.65	32°25'07.391"N	103°45'56.214"W	0.90
6720.00	20.400	234.800	6591.00	640.10	-354.96	-532.66	675160.27	516491.86	32°25'07.216"N	103°45'56.521"W	0.90
6811.00	21.300	234.300	6676.04	672.47	-373.75	-559.05	675133.89	516473.07	32°25'07.031"N	103°45'56.829"W	1.01
6899.00	21.600	233.900	6757.94	704.63	-392.62	-585.11	675107.82	516454.20	32°25'06.846"N	103°45'57.135"W	0.38
6985.00	20.800	233.100	6838.12	735.70	-411.11	-610.12	675082.82	516435.71	32°25'06.664"N	103°45'57.427"W	0.99
7076.00	19.700	234.600	6923.50	767.17	-429.70	-635.54	675057.40	516417.12	32°25'06.482"N	103°45'57.725"W	1.34
7166.00	19.500	234.300	7008.28	797.35	-447.25	-660.10	675032.84	516399.57	32°25'06.309"N	103°45'58.013"W	0.25
7256.00	20.300	236.300	7092.91	827.97	-464.68	-685.29	675007.65	516382.15	32°25'06.138"N	103°45'58.308"W	1.17
7346.00	20.200	235.300	7177.35	859.12	-482.19	-711.05	674981.89	516364.64	32°25'05.966"N	103°45'58.609"W	0.40
7436.00	20.200	235.700	7261.81	890.20	-499.79	-736.67	674956.28	516347.04	32°25'05.794"N	103°45'58.909"W	0.15
7526.00	22.100	236.000	7345.74	922.67	-518.02	-763.54	674929.40	516328.81	32°25'05.615"N	103°45'59.224"W	2.11
7617.00	23.400	237.800	7429.66	957.85	-537.22	-793.02	674899.92	516309.61	32°25'05.426"N	103°45'59.569"W	1.62
7709.00	24.300	237.900	7513.81	995.03	-557.01	-824.52	674868.43	516289.82	32°25'05.232"N	103°45'59.938"W	0.98
7797.00	23.400	238.100	7594.29	1030.59	-575.87	-854.69	674838.26	516270.96	32°25'05.047"N	103°46'00.291"W	1.03
7887.00	22.500	238.500	7677.17	1065.66	-594.31	-884.55	674808.40	516252.52	32°25'04.866"N	103°46'00.640"W	1.01



Actual Wellpath Report

3 Fed No. 13 AWP

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INTEQ

REFERENCE WELLPATH IDENTIFICATION

Operator	OXY Permian	Slot	Lost Tank 3 Fed No. 13
Area	Eddy County, NM	Well	3 Fed No. 13
Field	Lost Tank	Wellbore	3 Fed No. 13 AWB
Facility	Lost Tank Pad C		

WELLPATH DATA (95 stations)

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Grid East [srv ft]	Grid North [srv ft]	Latitude	Longitude	DLS [°/100ft]
8067.00	20.800	238.100	7844.46	1132.02	-629.20	-941.05	674751.90	516217.64	32°25'04.524"N	103°46'01.301"W	0.95
8150.00	20.200	238.300	7922.20	1161.07	-644.52	-965.76	674727.20	516202.32	32°25'04.374"N	103°46'01.590"W	0.73
8248.00	18.900	238.900	8014.55	1193.83	-661.61	-993.74	674699.21	516185.23	32°25'04.206"N	103°46'01.918"W	1.34
8287.00	17.900	244.200	8051.56	1206.07	-667.48	-1004.55	674688.41	516179.36	32°25'04.148"N	103°46'02.044"W	5.00
8339.00	17.900	244.200	8101.04	1221.89	-674.43	-1018.94	674674.02	516172.40	32°25'04.080"N	103°46'02.213"W	0.00

TARGETS

Name	MD [ft]	TVD [ft]	North [ft]	East [ft]	Grid East [srv ft]	Grid North [srv ft]	Latitude	Longitude	Shape
3 No. 13 PBHL		8100.00	-701.74	-1044.36	674648.60	516145.10	32°25'03.811"N	103°46'02.511"W	point

WELLPATH COMPOSITION Ref Wellbore: 3 Fed No. 13 AWB Ref Wellpath: 3 Fed No. 13 AWP

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
16.50	659.80	Generic gyro - northseeking (Standard)	Gyro	3 Fed No. 13 AWB
659.80	8339.00	NaviTrak (Standard)	MWD	3 Fed No. 13 AWB