

DISTRICT I
1625 N. French Dr., Hobbs, NM 88240
Phone (575) 393-6161 Fax: (575) 393-0720

DISTRICT II
811 S. First St., Artesia, NM 88210
Phone (575) 748-1283 Fax: (575) 748-9720

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone (505) 334-6176 Fax: (505) 334-6170

DISTRICT IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone (505) 478-3480 Fax: (505) 478-3482

EMNRD-OCDA ARTESIA Form C-102
State of New Mexico REC'D: 7/10/2020 Revised August 13, 2011
Energy, Minerals and Natural Resources Department

Submit one copy to appropriate
District Office

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, New Mexico 87505

WELL LOCATION AND ACREAGE DEDICATION PLAT

☒ AMENDED REPORT

API Number 30-015-45569	Pool Code 96831	Pool Name Cedar Lake Glorieta Yeso
Property Code 2388	Property Name GISSLER A	Well Number 44
OGRID No. 03080	Operator Name BURNETT OIL COMPANY, INC.	Elevation 3708'

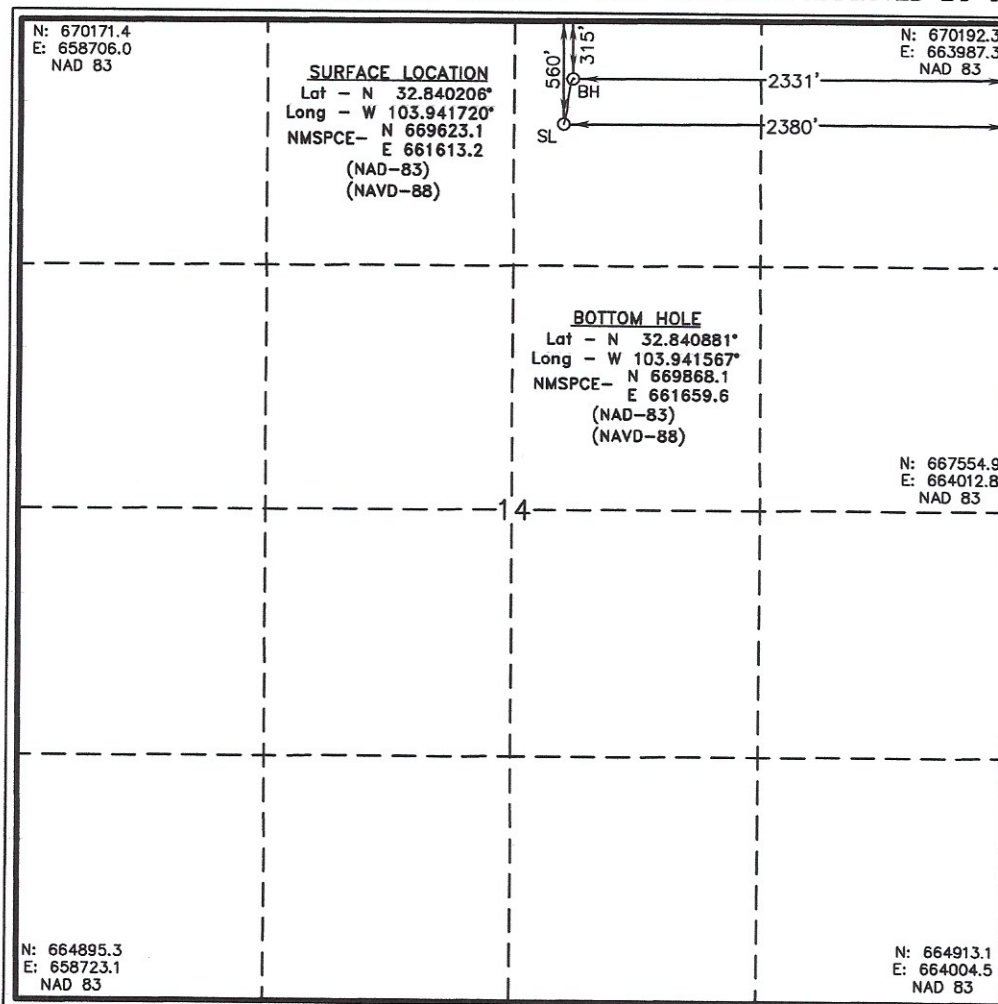
Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	FEET from the	SOUTH/South line	FEET from the	East/EAST line	County
B	14	17 S	30 E		560	NORTH	2380	EAST	EDDY

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	FEET from the	SOUTH/South line	FEET from the	East/EAST line	County
B	14	17 S	30 E		315	NORTH	2331	EAST	EDDY
Dedicated Acres 40	Joint or Infill	Consolidation Code	Order No.						

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION



OPERATOR CERTIFICATION
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or released mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the Division.

Signature: *Leslie Garvis* Date: 3/31/20*

Printed Name: Leslie Garvis
Email Address: lgarvis@burnettoil.com

SURVEYOR CERTIFICATION
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

Date Surveyed: JULY 10, 2018
Signature & Seal of Professional Surveyor: *Gary L. Lopes* 7977
Certificate No.: 7977
BASIN SERVICES

Scale: 1" = 1000'
WO Num.: 35081



COMPANY: Burnett Oil Company
WELL: Gissler A #44
COUNTY: Eddy County, N.M. (NAD 83)
DATUM: North American Datum 1983
RIG: Ensign T436



OFFICE: 936.582.7296

GRID CORRECTION: To convert a Magnetic Direction to a Grid Direction, Add 6.72°
True Correction: To convert a Magnetic Direction to a True Direction, Add 6.93° East

GEODETIC ZONE: New Mexico Eastern Zone

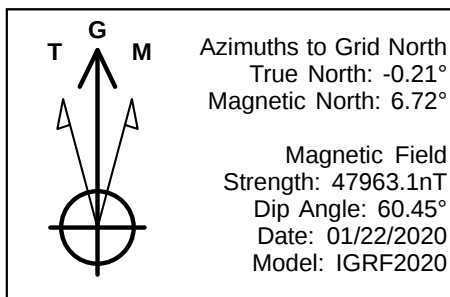
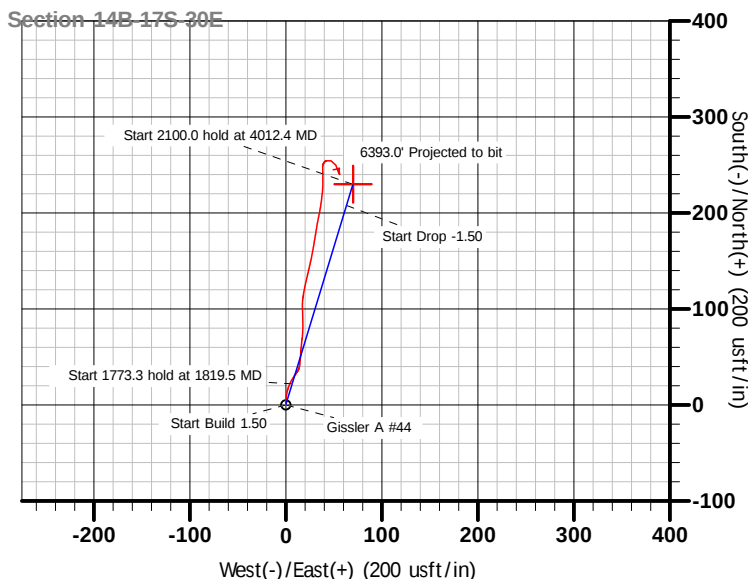
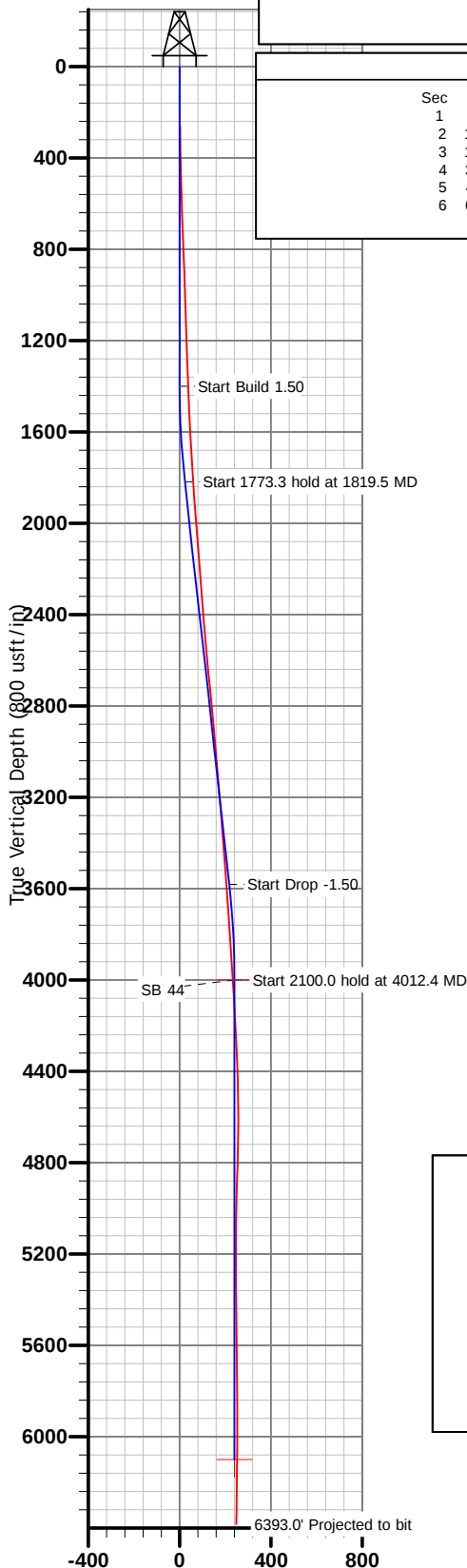
3708+19 @ 3727.0usft

GROUND ELEVATION: 3708.0

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
0.0	0.0	669623.10	661613.20	32° 50' 24.743 N	103° 56' 30.193 W	

PLAN SECTIONS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VFace	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	1400.0	0.00	0.00	1400.0	0.0	0.0	0.00	0.00	0.0	
3	1819.5	6.29	16.93	1818.7	22.0	6.7	1.50	16.93	23.0	
4	3592.8	6.29	16.93	3581.3	208.0	63.3	0.00	0.00	217.4	
5	4012.4	0.00	0.00	4000.0	230.0	70.0	1.50	180.00	240.4	SB 44
6	6112.4	0.00	0.00	6100.0	230.0	70.0	0.00	0.00	240.4	PBHL 44



SHL: 560' FNL; 2380' FEL
Section 14B-17S-30E
PBHL: 330' FNL; 2310' FEL
Section 14B-17S-30E

Vertical Section at 16.93° (800 usft/in)

BURNETT OIL CO., INC.

Burnett Oil Company

Eddy County, N.M. (NAD 83)

Section 14B-17S-30E

Gissler A #44

Original Hole

Design: As Drilled

Standard Survey Report

23 March, 2020





Stryker Energy Directional Services

Survey Report



Company:	Burnett Oil Company	Local Co-ordinate Reference:	Site Section 14B-17S-30E
Project:	Eddy County, N.M. (NAD 83)	TVD Reference:	3708+19 @ 3727.0usft
Site:	Section 14B-17S-30E	MD Reference:	3708+19 @ 3727.0usft
Well:	Gissler A #44	North Reference:	Grid
Wellbore:	Original Hole	Survey Calculation Method:	Minimum Curvature
Design:	As Drilled	Database:	EDM5000

Project	Eddy County, N.M. (NAD 83)		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	New Mexico Eastern Zone		

Site		Section 14B-17S-30E			
Site Position:		Northing:	669,623.10 usft	Latitude:	32° 50' 24.743 N
From:	Map	Easting:	661,613.20 usft	Longitude:	103° 56' 30.193 W
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16 "	Grid Convergence:	0.21 °

Well	Gissler A #44					
Well Position	+N/-S	0.0 usft	Northing:	669,623.10 usft	Latitude:	32° 50' 24.743 N
	+E/-W	0.0 usft	Easting:	661,613.20 usft	Longitude:	103° 56' 30.193 W
Position Uncertainty		0.0 usft	Wellhead Elevation:	19.0 usft	Ground Level:	3,708.0 usft

Wellbore	Original Hole				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2020	01/22/20	6.93	60.45	47,963.13023908

Design	As Drilled				
Audit Notes:					
Version:	1.0	Phase:	ACTUAL	Tie On Depth:	0.0
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)	
	0.0	0.0	0.0	11.37	

Survey Program	Date	02/02/20			
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description	
481.0	6,393.0	Stryker Surveys (Original Hole)	MWD	MWD - Standard	

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)	
263.0	0.60	0.01	263.0	2.2	0.0	2.2	0.00	0.00	0.00	
481.0	1.60	6.20	481.0	6.4	0.3	6.3	0.46	0.46	2.84	
669.0	1.80	8.00	668.9	11.9	1.0	11.9	0.11	0.11	0.96	
857.0	2.20	20.30	856.8	18.2	2.7	18.4	0.31	0.21	6.54	
1,046.0	2.20	27.60	1,045.6	24.8	5.6	25.4	0.15	0.00	3.86	
1,233.0	2.10	35.10	1,232.5	30.8	9.3	32.0	0.16	-0.05	4.01	
1,422.0	1.70	32.50	1,421.4	36.0	12.8	37.8	0.22	-0.21	-1.38	
1,610.0	3.80	5.40	1,609.2	44.6	14.8	46.6	1.28	1.12	-14.41	
1,798.0	3.30	3.60	1,796.8	56.2	15.8	58.2	0.27	-0.27	-0.96	
1,987.0	4.50	7.00	1,985.4	69.0	17.0	71.0	0.65	0.63	1.80	



Stryker Energy Directional Services

Survey Report



Company:	Burnett Oil Company	Local Co-ordinate Reference:	Site Section 14B-17S-30E
Project:	Eddy County, N.M. (NAD 83)	TVD Reference:	3708+19 @ 3727.0usft
Site:	Section 14B-17S-30E	MD Reference:	3708+19 @ 3727.0usft
Well:	Gissler A #44	North Reference:	Grid
Wellbore:	Original Hole	Survey Calculation Method:	Minimum Curvature
Design:	As Drilled	Database:	EDM5000

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)
2,175.0	5.10	359.90	2,172.7	84.6	17.9	86.5	0.45	0.32	-3.78
2,364.0	4.10	356.10	2,361.1	99.8	17.4	101.2	0.55	-0.53	-2.01
2,553.0	5.70	9.60	2,549.4	115.8	18.5	117.1	1.04	0.85	7.14
2,742.0	5.70	13.80	2,737.5	134.1	22.3	135.9	0.22	0.00	2.22
2,931.0	5.00	11.90	2,925.6	151.3	26.3	153.5	0.38	-0.37	-1.01
3,119.0	4.90	9.50	3,112.9	167.2	29.3	169.7	0.12	-0.05	-1.28
3,307.0	4.50	9.00	3,300.3	182.5	31.8	185.1	0.21	-0.21	-0.27
3,496.0	4.40	11.90	3,488.7	196.9	34.4	199.8	0.13	-0.05	1.53
3,685.0	4.00	7.80	3,677.2	210.5	36.8	213.6	0.26	-0.21	-2.17
3,874.0	3.80	5.20	3,865.8	223.3	38.3	226.4	0.14	-0.11	-1.38
4,062.0	3.40	359.40	4,053.4	235.0	38.8	238.1	0.29	-0.21	-3.09
4,252.0	3.30	357.30	4,243.1	246.1	38.5	248.9	0.08	-0.05	-1.11
4,439.0	2.10	50.80	4,429.9	253.7	40.9	256.8	1.42	-0.64	28.61
4,628.0	2.30	111.70	4,618.8	254.5	47.1	258.8	1.18	0.11	32.22
4,817.0	2.10	156.00	4,807.7	249.9	52.0	255.2	0.88	-0.11	23.44
5,005.0	2.50	161.40	4,995.5	242.9	54.7	248.9	0.24	0.21	2.87
5,194.0	0.70	5.10	5,184.5	240.1	56.1	246.5	1.67	-0.95	-82.70
5,381.0	0.60	338.40	5,371.5	242.2	55.9	248.4	0.17	-0.05	-14.28
5,570.0	0.60	10.50	5,560.5	244.1	55.7	250.2	0.18	0.00	16.98
5,758.0	0.40	11.10	5,748.4	245.7	56.0	251.9	0.11	-0.11	0.32
5,946.0	0.20	333.90	5,936.4	246.6	56.0	252.8	0.14	-0.11	-19.79
6,134.0	1.00	250.10	6,124.4	246.3	54.3	252.2	0.53	0.43	-44.57
6,322.0	1.20	256.40	6,312.4	245.3	50.8	250.5	0.12	0.11	3.35
6,341.0	1.30	260.80	6,331.4	245.2	50.4	250.4	0.73	0.53	23.16
6,393.0	1.30	260.80	6,383.4	245.0	49.3	249.9	0.00	0.00	0.00
6393.0' Projected to bit									

Design Annotations

Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
6,393.0	6,383.4	245.0	49.3	6393.0' Projected to bit

Checked By: _____ Approved By: _____ Date: _____

BURNETT OIL CO., INC.

Burnett Oil Company

Eddy County, N.M. (NAD 83)

Section 14B-17S-30E

Gissler A #44

Original Hole

Design: As Drilled

Survey Report - Geographic

23 March, 2020





Stryker Energy Directional Services

Survey Report - Geographic



Company:	Burnett Oil Company	Local Co-ordinate Reference:	Site Section 14B-17S-30E
Project:	Eddy County, N.M. (NAD 83)	TVD Reference:	3708+19 @ 3727.0usft
Site:	Section 14B-17S-30E	MD Reference:	3708+19 @ 3727.0usft
Well:	Gissler A #44	North Reference:	Grid
Wellbore:	Original Hole	Survey Calculation Method:	Minimum Curvature
Design:	As Drilled	Database:	EDM5000

Project	Eddy County, N.M. (NAD 83)		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	New Mexico Eastern Zone		

Site						Section 14B-17S-30E											
Site Position:			Northing:			669,623.10 usft			Latitude:			32° 50' 24.743 N					
From:			Map			Easting:			661,613.20 usft			Longitude:			103° 56' 30.193 W		
Position Uncertainty:			0.0 usft			Slot Radius:			13-3/16 "			Grid Convergence:			0.21 °		

Well	Gissler A #44					
Well Position	+N/-S	0.0 usft	Northing:	669,623.10 usft	Latitude:	32° 50' 24.743 N
	+E/-W	0.0 usft	Easting:	661,613.20 usft	Longitude:	103° 56' 30.193 W
Position Uncertainty		0.0 usft	Wellhead Elevation:	19.0 usft	Ground Level:	3,708.0 usft

Wellbore	Original Hole				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2020	01/22/20	6.93	60.45	47,963.13023908

Design	As Drilled				
Audit Notes:					
Version:	1.0	Phase:	ACTUAL	Tie On Depth:	0.0
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)	
	0.0	0.0	0.0	11.37	

Survey Program	Date	02/02/20			
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description	
481.0	6,393.0	Stryker Surveys (Original Hole)	MWD	MWD - Standard	

Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude	
263.0	0.60	0.01	263.0	2.2	0.0	669,625.30	661,613.20	32° 50' 24.765 N	103° 56' 30.193 W	
481.0	1.60	6.20	481.0	6.4	0.3	669,629.47	661,613.53	32° 50' 24.806 N	103° 56' 30.189 W	
669.0	1.80	8.00	668.9	11.9	1.0	669,635.01	661,614.23	32° 50' 24.861 N	103° 56' 30.181 W	
857.0	2.20	20.30	856.8	18.2	2.7	669,641.31	661,615.89	32° 50' 24.924 N	103° 56' 30.161 W	
1,046.0	2.20	27.60	1,045.6	24.8	5.6	669,647.93	661,618.83	32° 50' 24.989 N	103° 56' 30.126 W	
1,233.0	2.10	35.10	1,232.5	30.8	9.3	669,653.91	661,622.46	32° 50' 25.048 N	103° 56' 30.083 W	
1,422.0	1.70	32.50	1,421.4	36.0	12.8	669,659.11	661,625.96	32° 50' 25.099 N	103° 56' 30.042 W	
1,610.0	3.80	5.40	1,609.2	44.6	14.8	669,667.67	661,628.05	32° 50' 25.184 N	103° 56' 30.017 W	
1,798.0	3.30	3.60	1,796.8	56.2	15.8	669,679.27	661,628.97	32° 50' 25.299 N	103° 56' 30.006 W	
1,987.0	4.50	7.00	1,985.4	69.0	17.0	669,692.06	661,630.22	32° 50' 25.425 N	103° 56' 29.991 W	
2,175.0	5.10	359.90	2,172.7	84.6	17.9	669,707.74	661,631.10	32° 50' 25.580 N	103° 56' 29.980 W	
2,364.0	4.10	356.10	2,361.1	99.8	17.4	669,722.88	661,630.63	32° 50' 25.730 N	103° 56' 29.985 W	



Stryker Energy Directional Services

Survey Report - Geographic



Company:	Burnett Oil Company	Local Co-ordinate Reference:	Site Section 14B-17S-30E
Project:	Eddy County, N.M. (NAD 83)	TVD Reference:	3708+19 @ 3727.0usft
Site:	Section 14B-17S-30E	MD Reference:	3708+19 @ 3727.0usft
Well:	Gissler A #44	North Reference:	Grid
Wellbore:	Original Hole	Survey Calculation Method:	Minimum Curvature
Design:	As Drilled	Database:	EDM5000

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude
2,553.0	5.70	9.60	2,549.4	115.8	18.5	669,738.87	661,631.73	32° 50' 25.888 N	103° 56' 29.971 W
2,742.0	5.70	13.80	2,737.5	134.1	22.3	669,757.24	661,635.54	32° 50' 26.070 N	103° 56' 29.926 W
2,931.0	5.00	11.90	2,925.6	151.3	26.3	669,774.42	661,639.47	32° 50' 26.240 N	103° 56' 29.879 W
3,119.0	4.90	9.50	3,112.9	167.2	29.3	669,790.35	661,642.49	32° 50' 26.397 N	103° 56' 29.843 W
3,307.0	4.50	9.00	3,300.3	182.5	31.8	669,805.56	661,644.97	32° 50' 26.548 N	103° 56' 29.813 W
3,496.0	4.40	11.90	3,488.7	196.9	34.4	669,819.97	661,647.62	32° 50' 26.690 N	103° 56' 29.781 W
3,685.0	4.00	7.80	3,677.2	210.5	36.8	669,833.60	661,650.01	32° 50' 26.825 N	103° 56' 29.753 W
3,874.0	3.80	5.20	3,865.8	223.3	38.3	669,846.37	661,651.47	32° 50' 26.951 N	103° 56' 29.735 W
4,062.0	3.40	359.40	4,053.4	235.0	38.8	669,858.15	661,651.98	32° 50' 27.068 N	103° 56' 29.729 W
4,252.0	3.30	357.30	4,243.1	246.1	38.5	669,869.24	661,651.66	32° 50' 27.178 N	103° 56' 29.732 W
4,439.0	2.10	50.80	4,429.9	253.7	40.9	669,876.78	661,654.07	32° 50' 27.252 N	103° 56' 29.703 W
4,628.0	2.30	111.70	4,618.8	254.5	47.1	669,877.57	661,660.27	32° 50' 27.260 N	103° 56' 29.630 W
4,817.0	2.10	156.00	4,807.7	249.9	52.0	669,873.01	661,665.21	32° 50' 27.214 N	103° 56' 29.573 W
5,005.0	2.50	161.40	4,995.5	242.9	54.7	669,865.97	661,667.91	32° 50' 27.145 N	103° 56' 29.541 W
5,194.0	0.70	5.10	5,184.5	240.1	56.1	669,863.22	661,669.33	32° 50' 27.117 N	103° 56' 29.525 W
5,381.0	0.60	338.40	5,371.5	242.2	55.9	669,865.26	661,669.07	32° 50' 27.138 N	103° 56' 29.528 W
5,570.0	0.60	10.50	5,560.5	244.1	55.7	669,867.16	661,668.89	32° 50' 27.156 N	103° 56' 29.530 W
5,758.0	0.40	11.10	5,748.4	245.7	56.0	669,868.77	661,669.20	32° 50' 27.172 N	103° 56' 29.526 W
5,946.0	0.20	333.90	5,936.4	246.6	56.0	669,869.71	661,669.18	32° 50' 27.181 N	103° 56' 29.526 W
6,134.0	1.00	250.10	6,124.4	246.3	54.3	669,869.44	661,667.49	32° 50' 27.179 N	103° 56' 29.546 W
6,322.0	1.20	256.40	6,312.4	245.3	50.8	669,868.42	661,664.03	32° 50' 27.169 N	103° 56' 29.587 W
6,341.0	1.30	260.80	6,331.4	245.2	50.4	669,868.34	661,663.63	32° 50' 27.168 N	103° 56' 29.592 W
6,393.0	1.30	260.80	6,383.4	245.0	49.3	669,868.15	661,662.46	32° 50' 27.166 N	103° 56' 29.605 W
6393.0' Projected to bit									

Design Annotations				
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
6,393.0	6,383.4	245.0	49.3	6393.0' Projected to bit

Checked By: _____	Approved By: _____	Date: _____
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