

RECEIVED

NOV 14 2019

Intent ☐ As Drilled ☒

DISTRICT 17 - ARTESIA O.C.D.

API #
30-015-46062

Operator Name: Mewbourne Oil Company	Property Name: Parkchester 24/23 B3AD State Com	Well Number #2
---	--	-------------------

Kick Off Point (KOP)

UL A	Section 24	Township 14S	Range 28E	Lot	Feet 385	From N/S N	Feet 15	From E/W E	County Elly
Latitude 32.6527428					Longitude -104.1220025			NAD 83	

First Take Point (FTP)

UL A	Section 24	Township 14S	Range 28E	Lot	Feet 311	From N/S N	Feet 297	From E/W E	County Elly
Latitude 32.6528625					Longitude -104.1229181			NAD 83	

Last Take Point (LTP)

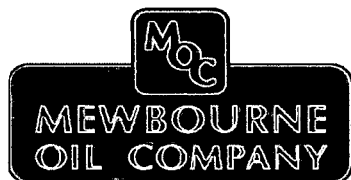
UL D	Section 23	Township 14S	Range 28E	Lot	Feet 408	From N/S N	Feet 106	From E/W W	County Elly
Latitude 32.6524292					Longitude -104.1554406			NAD 83	

Is this well the defining well for the Horizontal Spacing Unit? ☐Is this well an infill well? ☒

If infill is yes please provide API if available, Operator Name and well number for Defining well for Horizontal Spacing Unit.

API # 30-015-46061	Operator Name: Mewbourne Oil Co	Property Name: Parkchester 24/23 B2AD State Com	Well Number 1H
-----------------------	------------------------------------	--	-------------------

KZ 06/29/2018



RECEIVED

JAN 03 2020

DISTRICT/ARTESIAO.C.D.

Mewbourne Oil Company

Eddy County, New Mexico (Nad 83)

Sec 24, T19S, R28E

Parkchester 24/23 B3AD State Com #2H

Wellbore #1

Design: Wellbore #1

QES Survey Certification Report

03 August, 2019



Quintana Energy Services

11390 FM 830
Willis, TX 77318
Phone: (936) 856-4332
Fax: (936) 856-8678



Survey Certification Sheet

Company	Job Number	Date
Mewbourne Oil Co	WT-190959	8/3/2019

Lease	Well Name	County & State
A - 24, T19S, 28E,	Parkchester 24/23 B3AD State Com #2H	Eddy, New Mexico

API No.	Survey Depth Range	Survey Type
30-015-46062	262 feet to 18,925 feet MD	MWD

Sidetrack Information	Directional Supervisor/Surveyor
Click here to enter text.	Ryan Craighead

Certification Statement

The data and calculations for this survey have been checked by me and conform to the standards and procedures set forth by Quintana Energy Services (QES). This report represents a true and correct directional survey of this well based on the original data obtained at the well site. Wellbore coordinates are calculated using minimum curvature.

Kristopher Ray

Digitally signed by Kristopher Ray
DN: cn=Kristopher Ray, o=Regulatory
Compliance Manager, ou=QES DD,
email=kris.ray@qesinc.com, c=US
Date: 2019.08.14 14:17:57 -05'00'

Kristopher Ray
Regulatory Compliance Manager
Quintana Energy Services



QES Survey Certification Report



Company:	Mewbourne Oil Company	Local Co-ordinate Reference:	Well Parkchester 24/23 B3AD State Com #2H
Project:	Eddy County, New Mexico (Nad 83)	TVD Reference:	WELL @ 3406.0usft (Patterson #250)
Site:	Sec 24, T19S, R28E	MD Reference:	WELL @ 3406.0usft (Patterson #250)
Well:	Parkchester 24/23 B3AD State Com #2H	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	Database:	EDM 5000.1 Single User Db

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

Site	Sec 24, T19S, R28E	
Site Position:	Northing:	601,422.20 usft
From:	Map	Easting:
Position Uncertainty:	0.0 usft	Slot Radius:
		13-3/16"
		Latitude:
		32° 39' 11.448 N
		Longitude:
		104° 7' 21.424 W
		Grid Convergence:
		0.11 °

Well	Parkchester 24/23 B3AD State Com #2H	
Well Position	+N/-S	0.0 usft
	+E/-W	0.0 usft
Position Uncertainty	0.0 usft	Wellhead Elevation:
		usft
		Latitude:
		32° 39' 11.152 N
		Longitude:
		104° 7' 21.424 W
		Ground Level:
		3,379.0 usft

Wellbore	Wellbore #1	
Magnetics	Model Name	Sample Date
	Declination	Dip Angle
	(°)	(°)
	HDGM	6/13/2019
	7.25	60.40
		Field Strength
		(nT)
		47,969.800000000

Design	Wellbore #1	
Audit Notes:		
Version:	1.0	Phase:
		ACTUAL
		Tie On Depth:
		0.0
Vertical Section:	Depth From (TVD)	+N/-S
	(usft)	(usft)
	0.0	0.0
		Direction
		(°)
		268.56

Survey Program	Date 8/3/2019	
From	To	Survey (Wellbore)
(usft)	(usft)	Tool Name
		Description
100.0	262.0	Phoenix Gyros (Wellbore #1)
379.0	18,925.0	QES MWD Surveys (Wellbore #1)
		Good_gyro
		OWSG (Rev2) MWD
		Good Gyro
		OWSG MWD - Standard

Survey	MD	Inc	Azi (azimuth)	TVD	N/S	E/W	Closure Distance	Closure Azimuth
	(usft)	(°)	(°)	(usft)	(usft)	(usft)	(usft)	(°)
	262.0	0.41	219.39	262.0	-2.0	1.2	2.4	149.63
Gyro Tie In @ 262.0' MD / 262.0' TVD								
	379.0	1.30	152.00	379.0	-3.5	1.5	3.9	156.30
	559.0	1.10	148.30	558.9	-6.8	3.4	7.6	153.34
	748.0	1.50	131.20	747.9	-10.0	6.2	11.8	148.01
	905.0	1.30	131.20	904.8	-12.5	9.1	15.5	143.90
	991.0	1.30	138.40	990.8	-13.9	10.5	17.4	142.89
	1,166.0	0.70	174.10	1,165.8	-16.4	11.9	20.3	144.01
	1,356.0	1.10	206.10	1,355.8	-19.2	11.2	22.3	149.67
	1,545.0	1.20	224.10	1,544.7	-22.3	9.1	24.0	157.84
	1,704.0	1.60	245.30	1,703.7	-24.4	5.9	25.1	166.42



QES Survey Certification Report



Company:	Mewbourne Oil Company	Local Co-ordinate Reference:	Well Parkchester 24/23 B3AD State Com #2H
Project:	Eddy County, New Mexico (Nad 83)	TVD Reference:	WELL @ 3406.0usft (Patterson #250)
Site:	Sec 24, T19S, R28E	MD Reference:	WELL @ 3406.0usft (Patterson #250)
Well:	Parkchester 24/23 B3AD State Com #2H	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	Database:	EDM 5000.1 Single User Db

Survey								
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	Closure Distance (usft)	Closure Azimuth (°)	
1,892.0	1.90	230.40	1,891.6	-27.5	1.1	27.5	177.70	
2,080.0	1.10	112.10	2,079.6	-30.1	0.4	30.1	179.29	
2,267.0	0.80	118.70	2,266.5	-31.4	3.2	31.6	174.22	
2,456.0	0.90	119.10	2,455.5	-32.8	5.6	33.3	170.24	
2,644.0	1.10	133.20	2,643.5	-34.7	8.2	35.7	166.65	
2,832.0	1.20	130.90	2,831.4	-37.3	11.0	38.9	163.49	
3,020.0	1.40	126.80	3,019.4	-39.9	14.4	42.4	160.20	
3,208.0	1.40	122.60	3,207.3	-42.5	18.1	46.3	156.90	
3,396.0	3.80	123.00	3,395.1	-47.2	25.3	53.5	151.79	
3,585.0	3.40	112.60	3,583.8	-52.7	35.7	63.7	145.88	
3,773.0	1.90	56.70	3,771.6	-53.2	43.5	68.7	140.72	
3,962.0	1.60	45.40	3,960.5	-49.6	48.0	69.0	135.95	
4,150.0	1.40	24.90	4,148.4	-45.7	50.8	68.3	131.95	
4,338.0	1.50	10.10	4,336.4	-41.2	52.2	66.5	128.25	
4,527.0	1.90	111.20	4,525.3	-39.9	55.6	68.4	125.65	
4,715.0	1.90	122.80	4,713.2	-42.7	61.1	74.5	124.94	
4,903.0	3.40	123.50	4,901.0	-47.4	68.4	83.2	124.76	
5,092.0	3.00	118.20	5,089.7	-52.9	77.4	93.7	124.34	
5,280.0	2.40	134.90	5,277.5	-58.0	84.5	102.5	124.45	
5,468.0	2.10	125.90	5,465.4	-62.8	90.1	109.8	124.87	
5,655.0	0.90	144.80	5,652.3	-66.0	93.7	114.6	125.15	
5,843.0	0.30	68.30	5,840.3	-67.0	95.0	116.3	125.19	
6,032.0	1.10	354.10	6,029.3	-65.0	95.3	115.4	124.31	
6,220.0	0.90	352.20	6,217.3	-61.8	94.9	113.3	123.05	
6,408.0	4.20	123.00	6,405.1	-64.1	100.5	119.2	122.51	
6,596.0	3.60	132.60	6,592.7	-71.8	110.6	131.9	122.99	
6,784.0	3.70	113.80	6,780.3	-78.2	120.5	143.7	122.99	
6,972.0	3.00	116.60	6,968.0	-82.9	130.5	154.6	122.43	
7,161.0	2.50	120.70	7,156.7	-87.2	138.4	163.6	122.21	
7,350.0	4.60	135.60	7,345.4	-94.7	147.3	175.1	122.75	
7,537.0	4.30	144.10	7,531.8	-105.8	156.6	189.0	124.03	
7,725.0	4.10	139.10	7,719.3	-116.6	165.2	202.2	125.21	
7,914.0	3.80	124.70	7,907.9	-125.2	174.7	215.0	125.63	
8,102.0	3.10	100.10	8,095.5	-129.7	184.9	225.8	125.05	
8,271.0	1.00	51.90	8,264.4	-129.6	190.5	230.4	124.22	
8,337.0	2.50	288.00	8,330.4	-128.8	189.6	229.2	124.18	
8,368.0	5.90	288.20	8,361.3	-128.1	187.5	227.0	124.34	
8,399.0	9.30	288.00	8,392.0	-126.8	183.6	223.1	124.63	
8,431.0	12.20	287.00	8,423.5	-125.0	177.9	217.4	125.10	
8,462.0	14.60	288.50	8,453.6	-122.8	171.0	210.5	125.68	
8,494.0	17.90	289.50	8,484.4	-119.9	162.6	202.0	126.41	
8,525.0	21.00	289.60	8,513.6	-116.4	152.8	192.1	127.30	
8,556.0	24.90	289.80	8,542.1	-112.3	141.5	180.6	128.46	
8,588.0	28.00	287.70	8,570.8	-107.8	128.0	167.3	130.11	



QES Survey Certification Report



Company:	Mewbourne Oil Company	Local Co-ordinate Reference:	Well Parkchester 24/23 B3AD State Com #2H
Project:	Eddy County, New Mexico (Nad 83)	TVD Reference:	WELL @ 3406.0usft (Patterson #250)
Site:	Sec 24, T19S, R28E	MD Reference:	WELL @ 3406.0usft (Patterson #250)
Well:	Parkchester 24/23 B3AD State Com #2H	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	Database:	EDM 5000.1 Single User Db

Survey								
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	Closure Distance (usft)	Closure Azimuth (°)	
8,619.0	30.30	283.80	8,597.8	-103.7	113.4	153.7	132.43	
8,651.0	33.80	280.80	8,625.0	-100.1	96.8	139.3	135.95	
8,682.0	38.00	281.00	8,650.1	-96.7	79.0	124.8	140.74	
8,714.0	41.90	281.20	8,674.6	-92.7	58.8	109.8	147.60	
8,745.0	46.40	281.00	8,696.8	-88.6	37.7	96.2	156.96	
8,776.0	50.10	278.20	8,717.5	-84.7	14.9	86.0	170.05	
8,808.0	53.00	273.30	8,737.4	-82.2	-10.1	82.8	186.98	
8,839.0	58.70	268.50	8,754.8	-81.9	-35.7	89.3	203.56	
8,871.0	64.70	265.30	8,769.9	-83.4	-63.8	105.0	217.42	
8,902.0	69.40	264.80	8,782.0	-85.9	-92.2	126.0	227.05	
8,934.0	76.20	265.20	8,791.5	-88.5	-122.7	151.3	234.18	
8,990.0	86.90	266.80	8,799.7	-92.4	-177.9	200.4	242.55	
9,021.0	88.90	268.90	8,800.8	-93.5	-208.8	228.8	245.87	
9,053.0	90.90	267.60	8,800.9	-94.5	-240.8	258.7	248.57	
9,147.0	92.60	266.60	8,798.0	-99.3	-334.6	349.0	253.48	
9,241.0	91.60	266.40	8,794.6	-105.0	-428.4	441.1	256.23	
9,335.0	91.80	266.40	8,791.8	-110.9	-522.2	533.8	258.01	
9,430.0	93.40	266.00	8,787.5	-117.2	-616.8	627.9	259.24	
9,524.0	90.10	265.70	8,784.6	-124.0	-710.5	721.3	260.10	
9,616.0	92.80	265.00	8,782.3	-131.5	-802.2	812.9	260.69	
9,711.0	93.10	264.50	8,777.4	-140.1	-896.7	907.6	261.12	
9,805.0	93.90	266.90	8,771.7	-147.2	-990.2	1,001.1	261.55	
9,899.0	92.50	267.10	8,766.4	-152.1	-1,083.9	1,094.6	262.01	
9,992.0	91.70	267.60	8,763.0	-156.4	-1,176.8	1,187.1	262.43	
10,086.0	91.90	268.00	8,760.0	-160.0	-1,270.7	1,280.7	262.82	
10,180.0	92.50	268.20	8,756.4	-163.1	-1,364.5	1,374.3	263.18	
10,275.0	91.70	269.00	8,753.0	-165.4	-1,459.5	1,468.8	263.53	
10,369.0	88.10	270.10	8,753.1	-166.2	-1,553.4	1,562.3	263.89	
10,463.0	87.80	269.70	8,756.5	-166.3	-1,647.4	1,655.7	264.24	
10,558.0	90.30	269.70	8,758.1	-166.8	-1,742.4	1,750.3	264.53	
10,652.0	90.40	269.70	8,757.5	-167.3	-1,836.3	1,844.0	264.79	
10,746.0	91.60	268.70	8,755.8	-168.6	-1,930.3	1,937.7	265.01	
10,840.0	90.00	269.00	8,754.5	-170.5	-2,024.3	2,031.5	265.19	
10,935.0	89.30	268.90	8,755.1	-172.2	-2,119.3	2,126.3	265.35	
11,028.0	92.30	268.30	8,753.8	-174.5	-2,212.2	2,219.1	265.49	
11,123.0	92.00	268.70	8,750.3	-177.0	-2,307.1	2,313.9	265.61	
11,218.0	93.70	268.90	8,745.5	-179.0	-2,402.0	2,408.6	265.74	
11,312.0	90.80	269.70	8,741.8	-180.1	-2,495.9	2,502.4	265.87	
11,406.0	92.60	269.90	8,739.0	-180.5	-2,589.8	2,596.1	266.01	
11,500.0	89.70	270.10	8,737.2	-180.5	-2,683.8	2,689.9	266.15	
11,594.0	88.80	269.90	8,738.4	-180.5	-2,777.8	2,783.7	266.28	
11,688.0	95.00	271.10	8,735.3	-179.6	-2,871.7	2,877.3	266.42	
11,782.0	94.10	272.00	8,727.8	-177.1	-2,965.4	2,970.7	266.58	
11,876.0	91.30	271.70	8,723.4	-174.1	-3,059.2	3,064.2	266.74	



QES Survey Certification Report



Company:	Mewbourne Oil Company	Local Co-ordinate Reference:	Well Parkchester 24/23 B3AD State Com #2H
Project:	Eddy County, New Mexico (Nad 83)	TVD Reference:	WELL @ 3406.0usft (Patterson #250)
Site:	Sec 24, T19S, R28E	MD Reference:	WELL @ 3406.0usft (Patterson #250)
Well:	Parkchester 24/23 B3AD State Com #2H	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	Database:	EDM 5000.1 Single User Db

Survey								
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	Closure Distance (usft)	Closure Azimuth (°)	
11,971.0	90.60	271.70	8,721.8	-171.3	-3,154.2	3,158.8	266.89	
12,065.0	89.70	271.30	8,721.6	-168.8	-3,248.1	3,252.5	267.03	
12,159.0	90.90	271.30	8,721.1	-166.7	-3,342.1	3,346.2	267.15	
12,254.0	88.60	268.70	8,721.5	-166.7	-3,437.1	3,441.1	267.22	
12,348.0	89.30	268.00	8,723.2	-169.4	-3,531.0	3,535.1	267.25	
12,442.0	90.70	268.30	8,723.2	-172.4	-3,625.0	3,629.1	267.28	
12,536.0	94.60	268.30	8,718.9	-175.2	-3,718.8	3,722.9	267.30	
12,630.0	95.30	268.50	8,710.8	-177.8	-3,812.4	3,816.6	267.33	
12,724.0	93.80	268.70	8,703.3	-180.1	-3,906.1	3,910.2	267.36	
12,818.0	93.30	269.60	8,697.5	-181.5	-3,999.9	4,004.0	267.40	
12,912.0	90.00	269.60	8,694.8	-182.1	-4,093.9	4,097.9	267.45	
13,006.0	89.10	269.60	8,695.5	-182.8	-4,187.8	4,191.8	267.50	
13,100.0	90.00	269.00	8,696.3	-184.0	-4,281.8	4,285.8	267.54	
13,195.0	89.50	268.90	8,696.7	-185.7	-4,376.8	4,380.8	267.57	
13,289.0	90.50	269.00	8,696.7	-187.4	-4,470.8	4,474.7	267.60	
13,384.0	92.20	267.80	8,694.4	-190.1	-4,565.7	4,569.7	267.62	
13,478.0	93.70	267.50	8,689.6	-193.9	-4,659.5	4,663.6	267.62	
13,572.0	93.80	268.20	8,683.4	-197.4	-4,753.3	4,757.4	267.62	
13,666.0	93.10	268.90	8,677.8	-199.8	-4,847.1	4,851.2	267.64	
13,760.0	91.40	269.20	8,674.1	-201.4	-4,941.0	4,945.1	267.67	
13,854.0	92.20	269.90	8,671.1	-202.1	-5,034.9	5,039.0	267.70	
13,948.0	89.40	270.40	8,669.8	-201.9	-5,128.9	5,132.9	267.75	
14,042.0	88.80	270.40	8,671.8	-201.0	-5,252.9	5,256.7	267.81	
14,137.0	89.70	270.80	8,672.6	-200.3	-5,317.9	5,321.6	267.84	
14,231.0	90.30	269.90	8,672.6	-199.7	-5,411.9	5,415.5	267.89	
14,325.0	90.70	269.00	8,671.8	-200.6	-5,505.9	5,509.5	267.91	
14,419.0	91.90	270.30	8,669.7	-201.2	-5,599.8	5,603.4	267.94	
14,513.0	91.00	269.90	8,667.3	-201.0	-5,693.8	5,697.3	267.98	
14,607.0	93.70	270.40	8,663.4	-200.8	-5,787.7	5,791.2	268.01	
14,701.0	91.80	270.10	8,658.9	-200.4	-5,881.6	5,885.0	268.05	
14,795.0	91.50	269.70	8,656.2	-200.6	-5,975.6	5,978.9	268.08	
14,889.0	91.90	270.30	8,653.4	-200.6	-6,069.5	6,072.8	268.11	
14,983.0	90.00	270.10	8,651.9	-200.2	-6,163.5	6,166.7	268.14	
15,077.0	92.40	269.90	8,649.9	-200.2	-6,257.5	6,260.7	268.17	
15,172.0	92.30	267.50	8,646.0	-202.4	-6,352.4	6,355.6	268.18	
15,266.0	91.40	267.50	8,643.0	-206.5	-6,446.2	6,449.5	268.17	
15,360.0	91.30	268.20	8,640.8	-210.0	-6,540.1	6,543.5	268.16	
15,454.0	92.80	269.00	8,637.4	-212.3	-6,634.0	6,637.4	268.17	
15,563.0	92.90	269.60	8,632.0	-213.6	-6,742.9	6,746.3	268.19	
15,657.0	92.70	270.60	8,627.4	-213.5	-6,836.8	6,840.1	268.21	
15,751.0	92.20	272.50	8,623.4	-210.9	-6,930.6	6,933.9	268.26	
15,845.0	89.50	271.70	8,622.0	-207.5	-7,024.6	7,027.6	268.31	
15,940.0	88.10	268.50	8,624.0	-207.3	-7,119.5	7,122.5	268.33	
16,034.0	89.70	269.40	8,625.8	-209.0	-7,213.5	7,216.5	268.34	

Company:	Mewbourne Oil Company	Local Co-ordinate Reference:	Well Parkchester 24/23 B3AD State Com #2H
Project:	Eddy County, New Mexico (Nad 83)	TVD Reference:	WELL @ 3406.0usft (Patterson #250)
Site:	Sec 24, T19S, R28E	MD Reference:	WELL @ 3406.0usft (Patterson #250)
Well:	Parkchester 24/23 B3AD State Com #2H	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	Database:	EDM 5000.1 Single User Db

Survey								
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	Closure Distance (usft)	Closure Azimuth (°)	
16,127.0	92.30	269.00	8,624.2	-210.3	-7,306.5	7,309.5	268.35	
16,222.0	92.90	268.30	8,619.8	-212.6	-7,401.3	7,404.4	268.35	
16,316.0	93.40	268.90	8,614.7	-214.9	-7,495.2	7,498.2	268.36	
16,411.0	91.10	268.00	8,610.9	-217.4	-7,590.1	7,593.2	268.36	
16,506.0	91.40	267.60	8,608.9	-221.1	-7,685.0	7,688.1	268.35	
16,600.0	91.10	267.80	8,606.8	-224.9	-7,778.9	7,782.1	268.34	
16,695.0	92.00	268.20	8,604.3	-228.2	-7,873.8	7,877.1	268.34	
16,790.0	92.50	268.00	8,600.5	-231.3	-7,968.6	7,972.0	268.34	
16,885.0	93.30	267.50	8,595.7	-235.0	-8,063.4	8,066.9	268.33	
16,980.0	93.50	269.20	8,590.1	-237.8	-8,158.2	8,161.7	268.33	
17,075.0	91.80	271.50	8,585.7	-237.2	-8,253.1	8,256.5	268.35	
17,170.0	89.40	271.00	8,584.7	-235.1	-8,348.1	8,351.4	268.39	
17,265.0	89.10	271.00	8,585.9	-233.5	-8,443.1	8,446.3	268.42	
17,360.0	88.30	270.80	8,588.1	-232.0	-8,538.0	8,541.2	268.44	
17,455.0	88.90	268.30	8,590.4	-232.7	-8,633.0	8,636.1	268.46	
17,550.0	91.90	268.20	8,589.8	-235.6	-8,727.9	8,731.1	268.45	
17,645.0	89.70	268.00	8,588.4	-238.8	-8,822.9	8,826.1	268.45	
17,740.0	89.90	268.00	8,588.8	-242.1	-8,917.8	8,921.1	268.45	
17,834.0	92.60	266.90	8,586.7	-246.3	-9,011.7	9,015.0	268.43	
17,929.0	93.70	266.90	8,581.5	-251.4	-9,106.4	9,109.9	268.42	
18,024.0	91.00	268.20	8,577.6	-255.4	-9,201.2	9,204.8	268.41	
18,119.0	90.80	269.20	8,576.1	-257.6	-9,296.2	9,299.7	268.41	
18,214.0	92.30	270.30	8,573.5	-258.0	-9,391.1	9,394.7	268.43	
18,308.0	92.80	268.90	8,569.4	-258.7	-9,485.0	9,488.6	268.44	
18,403.0	94.00	269.40	8,563.7	-260.1	-9,579.9	9,583.4	268.44	
18,498.0	94.00	269.20	8,557.1	-261.2	-9,674.6	9,678.1	268.45	
18,593.0	91.10	269.90	8,552.9	-262.0	-9,769.5	9,773.0	268.46	
18,687.0	90.60	270.10	8,551.5	-262.0	-9,863.5	9,867.0	268.48	
18,782.0	90.80	269.90	8,550.3	-262.0	-9,958.5	9,961.9	268.49	
18,850.0	91.00	270.10	8,549.2	-262.0	-10,026.5	10,029.9	268.50	
18,925.0	91.00	270.10	8,547.9	-261.8	-10,101.5	10,104.9	268.52	
TD @ 18925.0' MD / 8547.9' TVD								

Design Annotations					
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment	
		+N/-S (usft)	+E/-W (usft)		
262.0	262.0	-2.0	1.2	Gyro Tie In @ 262.0' MD / 262.0' TVD	
18,925.0	8,547.9	-261.8	-10,101.5	TD @ 18925.0' MD / 8547.9' TVD	