



May 28, 2015

Matador Production Company
Attention: Regulatory Department
One Lincoln Centre
5400 LBJ Freeway, Suite 1500
Dallas, Texas 75240

Re: Matador Resources
Tiger 14-24S-28E RB #204H
Eddy County, New Mexico
API #30-015-43087
Job No. 1513525

NM OIL CONSERVATION
ARTESTA DISTRICT

FEB 17 2016

RECEIVED

Dear Regulatory Department;

Phoenix Technology Services, Inc. has filed the Survey Data Certification, Surveys, and Lease Plat for the above referenced Well with the Texas Railroad Commission via certification online. A copy of the filing is attached for your records.

Name of Surveyor	Drainhole Number	Surveyed Depths		Dates Performed		Type of Survey
		From	To	Start	End	
Shane King	204H	694	14,400	05/09/15	05/22/15	MWD

Thank you for the opportunity to be of service. Please contact me if you have any questions or require additional information.

Best Regards,
Alva J. Dunigan

Alva J. Dunigan
Operations Administrator

Phoenix Technology Services
SURVEY DATA CERTIFICATION

FEB 17 2016

RECEIVED



PHOENIX JOB NUMBER

1513525

ENERGY COMPANY

Matador Resources

WELL NAME

Tiger 14-24S-28E RB #204H

COUNTY & STATE

Eddy County, NM

API WELL NUMBER

30-015-43087

PROPOSED DIRECTION

270.79°

TIE-IN DATA						
MEASURED	VERTICAL			N-S	E-W	DATA
DEPTH	DEPTH	INCLIN	AZIMUTH	COORD	COORD	SOURCE
560.00 ft	559.81 ft	1.88°	242.08°	-10.78 ft	-8.03 ft	Gyro

FIRST	FIRST		
SURVEY	SURVEY		
DATE	DEPTH	INCLIN	AZIMUTH
9-May-15	694.00 ft	1.50°	245.60°

SURVEY INSTRUMENT
TYPE
Phoenix MWD

LAST	LAST		
SURVEY	SURVEY		
DATE	DEPTH	INCLIN	AZIMUTH
22-May-15	14,400.00 ft	91.0°	270.4°

TO THE BEST OF MY KNOWLEDGE I
CERTIFY THIS SURVEY DATA TO BE
TRUE AND CORRECT.

PROJECTED	PROJECTED		
TD SURVEY	TD SURVEY		
DATE	DEPTH	INCLIN	AZIMUTH
22-May-15	14,463.00 ft	91.0°	270.4°

Shane King

PRINT YOUR NAME ABOVE

Shane King

SIGN YOUR NAME ABOVE

MAGNETIC DECLINATION OR TOTAL GRID

TOTAL CORRECTION USED	7.30
DECLINATION OR GRID	GRID

22-May-15

TODAY'S DATE

MWD SUPERVISOR 1

Shane King

DIRECTIONAL DRILLER 1

Dustin Barnett

MWD SUPERVISOR 2

Seth Mollerup

DIRECTIONAL DRILLER 2

Van Johnson



Matador Resources

Eddy County, New Mexico (NAD27 NME)

Tiger 14-24S-28E RB

#204H

Wellbore #1 / Job #1513525

Survey: Phoenix MWD Surveys

Standard Survey Report

23 May, 2015





Survey Report



Company:	Matador Resources	Local Co-ordinate Reference:	Well #204H
Project:	Eddy County, New Mexico (NAD27 NME)	TVD Reference:	RKB @ 3005.50usft (Patterson 297)
Site:	Tiger 14-24S-28E RB	MD Reference:	RKB @ 3005.50usft (Patterson 297)
Well:	#204H	North Reference:	Grid
Wellbore:	Wellbore #1 / Job #1513525	Survey Calculation Method:	Minimum Curvature
Design:	Surveys (Patterson 297)	Database:	Compass 5000 GCR

Project	Eddy County, New Mexico (NAD27 NME)		
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	Tiger 14-24S-28E RB		
Site Position:		Northing:	440,880.00 usft
From:	Map	Easting:	587,752.00 usft
Position Uncertainty:	0.00 usft	Slot Radius:	13-3/16 "
		Latitude:	32° 12' 42.40019 N
		Longitude:	104° 2' 58.57422 W
		Grid Convergence:	0.15 °

Well	#204H		
Well Position	+N/-S	0.00 usft	Northing:
	+E/-W	0.00 usft	Easting:
Position Uncertainty	0.00 usft	Wellhead Elevation:	0.00 usft
		Latitude:	32° 12' 42.10263 N
		Longitude:	104° 2' 58.27251 W
		Ground Level:	2,978.00 usft

Wellbore	Wellbore #1 / Job #1513525				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	HDGM	5/6/2015	7.45	60.08	48,302

Design	Surveys (Patterson 297)			
Audit Notes:				
Version:	1.0	Phase:	ACTUAL	Tie On Depth: 0.00
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)
	0.00	0.00	0.00	270.79

Survey Program	Date 5/23/2015				
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description	
55.50	560.00	VES Gyro Surveys (Wellbore #1 / Job #15	NS-GYRO-MS	North sensing gyrocompassing m/s	
694.00	14,463.00	Phoenix MWD Surveys (Wellbore #1 / Job	PHX+MWD+HDGM	PHX+MWD+HDGM	

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)	
560.00	1.88	242.08	559.81	-10.78	-8.03	7.88	0.00	0.00	0.00	
Tie-in to VES Gyros										
694.00	1.50	245.60	693.75	-12.53	-11.57	11.39	0.29	-0.28	2.63	
First Phoenix Survey										
881.00	3.00	61.70	880.68	-11.22	-9.48	9.33	2.41	0.80	94.17	
1,068.00	5.50	49.00	1,067.16	-3.02	1.59	-1.63	1.42	1.34	-6.79	
1,256.00	6.60	34.60	1,254.12	11.78	14.52	-14.36	0.99	0.59	-7.66	
1,349.00	5.80	40.60	1,346.58	19.75	20.62	-20.34	1.11	-0.86	6.45	
1,443.00	4.10	40.30	1,440.22	25.92	25.88	-25.52	1.81	-1.81	-0.32	



Survey Report



Company:	Matador Resources	Local Co-ordinate Reference:	Well #204H
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Site:	Tiger 14-24S-28E RB	MD Reference:	RKB @ 3005.50usft (Patterson 297)
Well:	#204H	North Reference:	Grid
Wellbore:	Wellbore #1 / Job #1513525	Survey Calculation Method:	Minimum Curvature
Design:	Surveys (Patterson 297)	Database:	Compass 5000 GCR

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)
1,537.00	2.50	20.00	1,534.07	30.41	28.76	-28.34	2.08	-1.70	-21.60
1,630.00	2.60	11.00	1,626.97	34.39	29.85	-29.38	0.44	0.11	-9.68
1,724.00	1.80	22.00	1,720.90	37.85	30.81	-30.29	0.96	-0.85	11.70
1,818.00	0.90	43.90	1,814.88	39.75	31.88	-31.33	1.09	-0.96	23.30
1,912.00	1.50	66.90	1,908.86	40.76	33.52	-32.96	0.81	0.64	24.47
2,005.00	2.90	78.70	2,001.79	41.70	36.95	-36.37	1.57	1.51	12.69
2,099.00	4.30	96.10	2,095.60	41.79	42.79	-42.21	1.87	1.49	18.51
2,193.00	4.50	102.80	2,189.33	40.60	49.89	-49.32	0.59	0.21	7.13
2,286.00	4.70	98.60	2,282.03	39.22	57.21	-56.66	0.42	0.22	-4.52
2,380.00	3.90	95.20	2,375.76	38.36	64.20	-63.67	0.89	-0.85	-3.62
2,474.00	4.20	61.30	2,469.54	39.72	70.41	-69.85	2.53	0.32	-36.06
2,568.00	4.10	48.20	2,563.29	43.81	75.93	-75.32	1.01	-0.11	-13.94
2,633.00	3.40	50.80	2,628.16	46.38	79.16	-78.51	1.11	-1.08	4.00
2,843.00	3.50	52.40	2,837.77	54.23	89.06	-88.30	0.07	0.05	0.76
3,030.00	3.40	51.20	3,024.44	61.19	97.90	-97.05	0.07	-0.05	-0.64
3,218.00	3.90	57.30	3,212.05	68.13	107.63	-106.68	0.34	0.27	3.24
3,405.00	2.70	15.60	3,398.77	75.81	114.17	-113.11	1.39	-0.64	-22.30
3,592.00	6.20	38.10	3,585.19	88.01	121.58	-120.36	2.06	1.87	12.03
3,779.00	8.40	24.70	3,770.67	108.36	133.53	-132.02	1.48	1.18	-7.17
3,967.00	7.90	17.50	3,956.78	133.16	143.15	-141.30	0.60	-0.27	-3.83
4,154.00	4.00	12.60	4,142.74	151.79	148.44	-146.33	2.10	-2.09	-2.62
4,342.00	3.20	9.90	4,330.36	163.36	150.77	-148.50	0.43	-0.43	-1.44
4,529.00	3.00	18.70	4,517.09	173.14	153.24	-150.83	0.28	-0.11	4.71
4,716.00	2.40	30.40	4,703.88	181.15	156.79	-154.27	0.43	-0.32	6.26
4,904.00	1.90	32.90	4,891.75	187.16	160.47	-157.88	0.27	-0.27	1.33
5,091.00	1.10	35.40	5,078.68	191.23	163.20	-160.54	0.43	-0.43	1.34
5,278.00	0.70	58.60	5,265.66	193.29	165.21	-162.53	0.29	-0.21	12.41
5,466.00	0.70	93.40	5,453.65	193.82	167.34	-164.65	0.22	0.00	18.51
5,653.00	1.10	139.70	5,640.63	192.38	169.64	-166.97	0.43	0.21	24.76
5,840.00	1.60	161.90	5,827.58	188.53	171.61	-168.99	0.38	0.27	11.87
6,028.00	1.50	187.00	6,015.51	183.59	172.13	-169.58	0.36	-0.05	13.35
6,215.00	1.60	194.70	6,202.44	178.64	171.16	-168.69	0.12	0.05	4.12
6,403.00	1.40	227.40	6,390.38	174.54	168.81	-166.39	0.46	-0.11	17.39
6,590.00	0.50	277.90	6,577.35	173.11	166.32	-163.92	0.61	-0.48	27.01
6,777.00	0.80	211.50	6,764.34	172.11	164.83	-162.44	0.40	0.16	-35.51
6,965.00	1.30	282.20	6,952.32	171.44	162.06	-159.68	0.68	0.27	37.61
7,152.00	5.00	351.00	7,139.04	179.94	158.71	-156.21	2.51	1.98	36.79
7,246.00	3.80	322.50	7,232.78	186.46	156.17	-153.58	2.61	-1.28	-30.32
7,340.00	2.70	297.40	7,326.63	189.95	152.31	-149.67	1.89	-1.17	-26.70
7,433.00	2.40	273.90	7,419.54	191.09	148.42	-145.77	1.16	-0.32	-25.27
7,527.00	3.90	291.20	7,513.40	192.38	143.48	-140.81	1.87	1.60	18.40
7,621.00	3.10	294.00	7,607.22	194.57	138.17	-135.48	0.87	-0.85	2.98
7,715.00	3.40	141.30	7,701.16	193.43	137.59	-134.91	6.72	0.32	-162.45



Survey Report



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Site:	Tiger 14-24S-28E RB	MD Reference:	RKB @ 3005.50usft (Patterson 297)
Well:	#204H	North Reference:	Grid
Wellbore:	Wellbore #1 / Job #1513525	Survey Calculation Method:	Minimum Curvature
Design:	Surveys (Patterson 297)	Database:	Compass 5000 GCR

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)
7,809.00	6.60	129.30	7,794.80	187.83	143.52	-140.92	3.56	3.40	-12.77
7,902.00	4.50	139.10	7,887.36	181.69	150.04	-147.53	2.47	-2.26	10.54
7,996.00	0.40	190.20	7,981.25	178.57	152.40	-149.93	4.53	-4.36	54.36
8,090.00	2.70	324.60	8,075.22	180.06	151.06	-148.56	3.18	2.45	142.98
8,183.00	2.30	309.20	8,168.13	183.02	148.35	-145.81	0.84	-0.43	-16.56
8,277.00	2.20	322.50	8,262.06	185.64	145.79	-143.21	0.56	-0.11	14.15
8,371.00	2.10	322.60	8,356.00	188.44	143.64	-141.03	0.11	-0.11	0.11
8,465.00	1.80	307.00	8,449.94	190.70	141.42	-138.77	0.65	-0.32	-16.60
8,559.00	0.70	266.00	8,543.92	191.55	139.66	-137.01	1.44	-1.17	-43.62
8,652.00	1.80	224.30	8,636.90	190.46	138.08	-135.44	1.46	1.18	-44.84
8,747.00	3.30	221.90	8,731.80	187.36	135.21	-132.61	1.58	1.58	-2.53
8,840.00	2.60	218.70	8,824.68	183.72	132.10	-128.56	0.77	-0.75	-3.44
8,936.00	2.20	241.70	8,920.60	181.15	129.12	-126.61	1.08	-0.42	23.96
8,999.00	4.90	260.60	8,983.47	180.14	125.40	-122.90	4.61	4.29	30.00
9,030.00	8.70	259.80	9,014.25	179.51	121.78	-119.30	12.26	12.26	-2.58
9,062.00	12.70	260.10	9,045.68	178.47	115.93	-113.46	12.50	12.50	0.94
9,093.00	14.80	262.50	9,075.79	177.37	108.65	-106.20	7.02	6.77	7.74
9,124.00	17.30	261.50	9,105.58	176.17	100.17	-97.73	8.11	8.06	-3.23
9,155.00	20.80	258.80	9,134.88	174.42	90.20	-87.79	11.64	11.29	-8.71
9,187.00	24.40	257.40	9,164.42	171.87	78.18	-75.80	11.37	11.25	-4.38
9,218.00	28.30	258.40	9,192.19	169.00	64.72	-62.39	12.66	12.58	3.23
9,249.00	32.30	260.70	9,218.95	166.18	49.35	-47.05	13.43	12.90	7.42
9,280.00	36.80	260.60	9,244.48	163.32	32.00	-29.75	14.52	14.52	-0.32
9,311.00	41.20	262.80	9,268.57	160.53	12.70	-10.49	14.88	14.19	7.10
9,343.00	44.50	267.50	9,292.03	158.72	-8.97	11.16	14.35	10.31	14.69
9,374.00	48.30	272.30	9,313.41	158.71	-31.40	33.59	16.61	12.26	15.48
9,405.00	50.20	277.40	9,333.65	160.70	-54.79	57.00	13.89	6.13	16.45
9,438.00	52.50	281.00	9,353.02	164.59	-78.67	80.94	11.72	7.42	11.61
9,468.00	55.20	282.60	9,371.89	169.88	-103.96	106.29	9.35	8.44	5.00
9,499.00	56.00	284.20	9,389.41	175.80	-128.84	131.25	4.98	2.58	5.16
9,530.00	57.60	283.80	9,406.38	182.08	-154.01	156.51	5.27	5.16	-1.29
9,561.00	58.10	282.80	9,422.88	188.12	-179.55	182.13	3.17	1.61	-3.23
9,593.00	57.80	278.80	9,439.86	193.20	-206.19	208.83	10.64	-0.94	-12.50
9,624.00	58.80	276.90	9,456.15	196.80	-232.31	235.00	6.13	3.23	-6.13
9,655.00	59.00	276.00	9,472.17	199.78	-258.69	261.42	2.57	0.65	-2.90
9,686.00	59.30	273.80	9,488.07	202.05	-285.20	287.96	6.17	0.97	-7.10
9,717.00	61.20	271.90	9,503.45	203.39	-312.08	314.85	8.12	6.13	-6.13
9,748.00	62.30	271.70	9,518.12	204.24	-339.37	342.16	3.59	3.55	-0.65
9,780.00	64.50	272.70	9,532.45	205.34	-367.96	370.76	7.42	6.88	3.13
9,811.00	66.90	273.60	9,545.21	206.90	-396.17	398.99	8.18	7.74	2.90
9,842.00	69.10	275.00	9,556.82	209.06	-424.83	427.67	8.24	7.10	4.52
9,873.00	71.00	277.00	9,567.40	212.10	-453.81	456.69	8.62	6.13	6.45
9,905.00	72.30	277.90	9,577.47	216.04	-483.92	486.85	4.86	4.06	2.81
9,930.00	72.60	277.70	9,585.01	219.28	-507.54	510.51	1.42	1.20	-0.80



Survey Report



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Site:	Tiger 14-24S-28E RB	MD Reference:	RKB @ 3005.50usft (Patterson 297)
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Wellbore:	Wellbore #1 / Job #1513525	Survey Calculation Method:	Minimum Curvature
Design:	Surveys (Patterson 297)	Database:	Compass 5000 GCR

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)	
10,029.00	75.80	275.90	9,611.96	230.54	-602.11	605.23	3.68	3.23	-1.82	
10,060.00	80.30	273.30	9,618.38	232.97	-632.33	635.48	16.67	14.52	-8.39	
10,091.00	80.70	269.20	9,623.50	233.64	-662.89	666.05	13.11	1.29	-13.23	
10,123.00	80.90	268.70	9,628.62	233.06	-694.48	697.62	1.66	0.63	-1.56	
10,154.00	82.00	268.70	9,633.22	232.36	-725.12	728.26	3.55	3.55	0.00	
10,185.00	82.60	268.50	9,637.38	231.61	-755.83	758.96	2.04	1.94	-0.65	
10,217.00	82.20	268.60	9,641.61	230.81	-787.54	790.65	1.29	-1.25	0.31	
10,248.00	81.70	268.80	9,645.95	230.11	-818.23	821.32	1.73	-1.61	0.65	
10,311.00	83.30	269.90	9,654.17	229.40	-880.68	883.76	3.07	2.54	1.75	
10,343.00	86.90	270.00	9,656.91	229.38	-912.56	915.64	11.25	11.25	0.31	
10,375.00	90.20	270.50	9,657.72	229.52	-944.55	947.62	10.43	10.31	1.56	
10,406.00	90.70	270.90	9,657.47	229.89	-975.54	978.62	2.07	1.61	1.29	
10,500.00	90.30	270.00	9,656.65	230.63	-1,069.54	1,072.61	1.05	-0.43	-0.96	
10,595.00	89.60	269.20	9,656.74	229.97	-1,164.53	1,167.59	1.12	-0.74	-0.84	
10,689.00	90.90	271.70	9,656.33	230.71	-1,258.52	1,261.58	3.00	1.38	2.66	
10,783.00	92.10	272.50	9,653.87	234.15	-1,352.42	1,355.52	1.53	1.28	0.85	
10,877.00	93.00	272.30	9,649.68	238.08	-1,446.24	1,449.39	0.98	0.96	-0.21	
10,971.00	94.30	272.60	9,643.70	242.09	-1,539.97	1,543.16	1.42	1.38	0.32	
11,066.00	95.70	272.50	9,635.42	246.30	-1,634.51	1,637.75	1.48	1.47	-0.11	
11,160.00	92.40	273.50	9,628.78	251.21	-1,728.13	1,731.43	3.67	-3.51	1.06	
11,254.00	91.40	272.30	9,625.66	255.96	-1,821.96	1,825.31	1.66	-1.06	-1.28	
11,349.00	87.00	268.60	9,626.99	256.71	-1,916.90	1,920.26	6.05	-4.63	-3.89	
11,443.00	87.30	268.30	9,631.66	254.17	-2,010.75	2,014.07	0.45	0.32	-0.32	
11,537.00	87.50	268.50	9,635.93	251.55	-2,104.62	2,107.89	0.30	0.21	0.21	
11,632.00	87.30	268.20	9,640.24	248.82	-2,199.48	2,202.70	0.38	-0.21	-0.32	
11,727.00	88.20	268.10	9,643.97	245.75	-2,294.36	2,297.53	0.95	0.95	-0.11	
11,821.00	89.80	268.00	9,645.61	242.56	-2,388.29	2,391.40	1.71	1.70	-0.11	
11,915.00	94.20	271.30	9,642.33	241.98	-2,482.19	2,485.29	5.85	4.68	3.51	
12,010.00	93.90	271.30	9,635.62	244.13	-2,576.93	2,580.05	0.32	-0.32	0.00	
12,104.00	94.00	270.70	9,629.14	245.76	-2,670.69	2,673.83	0.65	0.11	-0.64	
12,199.00	93.80	270.50	9,622.68	246.76	-2,765.47	2,768.61	0.30	-0.21	-0.21	
12,293.00	93.50	270.10	9,616.70	247.25	-2,859.27	2,862.41	0.53	-0.32	-0.43	
12,387.00	93.50	270.00	9,610.96	247.33	-2,953.10	2,956.23	0.11	0.00	-0.11	
12,482.00	90.60	270.10	9,607.56	247.41	-3,048.03	3,051.15	3.05	-3.05	0.11	
12,576.00	88.00	269.00	9,608.71	246.68	-3,142.01	3,145.11	3.00	-2.77	-1.17	
12,671.00	89.20	269.40	9,611.03	245.35	-3,236.97	3,240.04	1.33	1.26	0.42	
12,766.00	89.30	269.60	9,612.27	244.52	-3,331.96	3,335.01	0.24	0.11	0.21	
12,860.00	90.50	272.70	9,612.44	246.41	-3,425.92	3,429.00	3.54	1.28	3.30	
12,955.00	93.10	274.40	9,609.45	252.28	-3,520.68	3,523.83	3.27	2.74	1.79	
13,050.00	92.90	274.90	9,604.48	259.98	-3,615.24	3,618.48	0.57	-0.21	0.53	
13,144.00	91.30	274.50	9,601.04	267.67	-3,708.86	3,712.20	1.75	-1.70	-0.43	
13,239.00	90.90	273.90	9,599.21	274.63	-3,803.59	3,807.01	0.76	-0.42	-0.63	
13,333.00	90.80	273.10	9,597.82	280.37	-3,897.40	3,900.89	0.86	-0.11	-0.85	



Survey Report



Company:	Matador Resources	Local Co-ordinate Reference:	Well #204H
Project:	Eddy County, New Mexico (NAD27 NME)	TVD Reference:	RKB @ 3005.50usft (Patterson 297)
Site:	Tiger 14-24S-28E RB	MD Reference:	RKB @ 3005.50usft (Patterson 297)
Well:	#204H	North Reference:	Grid
Wellbore:	Wellbore #1 / Job #1513525	Survey Calculation Method:	Minimum Curvature
Design:	Surveys (Patterson 297)	Database:	Compass 5000 GCR

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)
13,427.00	90.50	272.50	9,596.75	284.98	-3,991.28	3,994.83	0.71	-0.32	-0.64
13,522.00	90.20	272.90	9,596.17	289.43	-4,086.17	4,089.78	0.53	-0.32	0.42
13,616.00	91.70	272.90	9,594.61	294.19	-4,180.04	4,183.70	1.60	1.60	0.00
13,710.00	91.50	271.00	9,591.99	297.39	-4,273.94	4,277.64	2.03	-0.21	-2.02
13,804.00	89.00	269.30	9,591.58	297.63	-4,367.93	4,371.62	3.22	-2.66	-1.81
13,898.00	90.10	270.20	9,592.32	297.22	-4,461.92	4,465.60	1.51	1.17	0.96
13,993.00	89.70	270.10	9,592.48	297.47	-4,556.92	4,560.59	0.43	-0.42	-0.11
14,088.00	92.30	271.20	9,590.83	298.55	-4,651.89	4,655.57	2.97	2.74	1.16
14,182.00	89.80	269.60	9,589.10	299.20	-4,745.86	4,749.54	3.16	-2.66	-1.70
14,276.00	90.30	269.60	9,589.02	298.55	-4,839.86	4,843.52	0.53	0.53	0.00
14,370.00	90.00	270.00	9,588.77	298.22	-4,933.86	4,937.50	0.53	-0.32	0.43
14,400.00	91.00	270.40	9,588.51	298.32	-4,963.86	4,967.50	3.59	3.33	1.33
Final Phoenix Survey									
14,463.00	91.00	270.40	9,587.41	298.76	-5,026.85	5,030.49	0.00	0.00	0.00
Projection to TD									

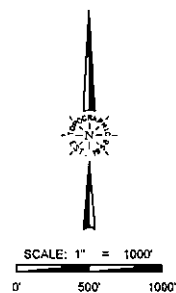
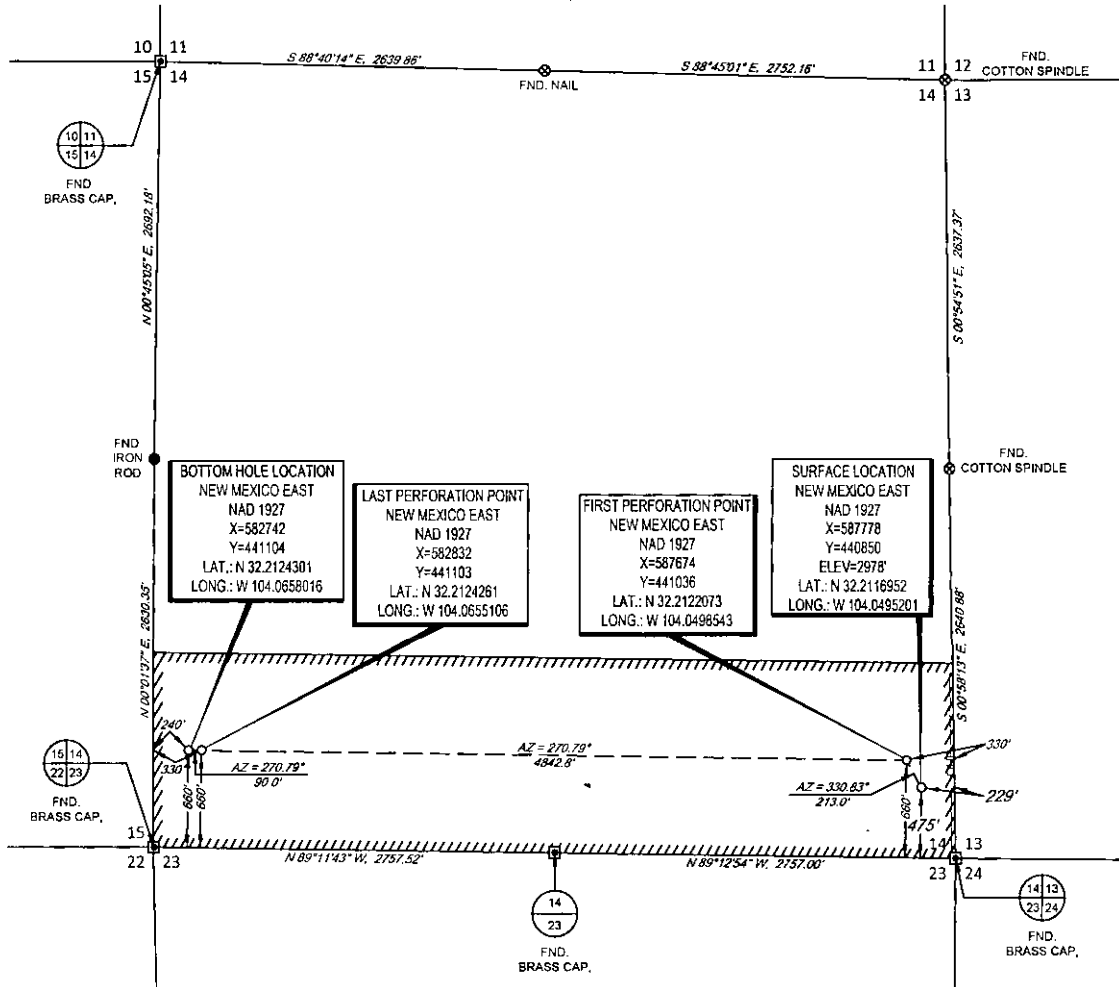
Survey Annotations

Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
560.00	559.81	-10.78	-8.03	Tie-in to VES Gyros
694.00	693.75	-12.53	-11.57	First Phoenix Survey
14,400.00	9,588.51	298.32	-4,963.86	Final Phoenix Survey
14,463.00	9,587.41	298.76	-5,026.85	Projection to TD

Checked By: _____ Approved By: _____ Date: _____



SECTION 14, TOWNSHIP 24S, RANGE 28E, N.M.P.M.
EDDY COUNTY, NEW MEXICO



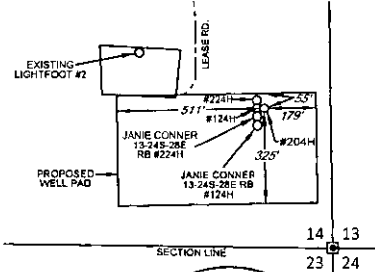
LEASE NAME & WELL NO.: TIGER 14-24S-28E RB #204H

SECTION 14 TWP 24-S RGE 28-E SURVEY N.M.P.M.
COUNTY EDDY STATE NM
DESCRIPTION 475' FSL & 229' FEL

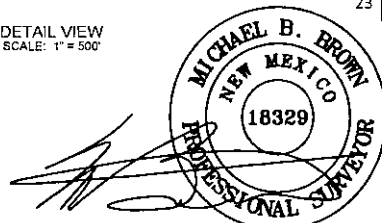
DISTANCE & DIRECTION
FROM INT. OF US-285 & DUARTE RD. GO EAST ON DUARTE RD.
±1.3 MILES, THENCE SOUTH (RIGHT) ON McDONALD RD. ±0.8
MILES, THENCE SOUTH (RIGHT) ON LEASE RD. ±0.1 MILES TO A
POINT ±450 FEET EAST OF THE LOCATION.

ALL BEARINGS, DISTANCES, AND COORDINATE VALUES CONTAINED HEREON ARE GRID
BASED UPON THE NEW MEXICO STATE PLANI, COORDINATE SYSTEM, EAST ZONE OF THE
NORTH AMERICAN DATUM 1927, U.S. SURVEY FEET

THIS EASEMENT/SERVITUDE LOCATION SHOWN HEREON HAS BEEN SURVEYED ON THE GROUND
UNDER MY SUPERVISION AND PREPARED ACCORDING TO THE EVIDENCE FOUND AT THE TIME OF
SURVEY, AND DATA PROVIDED BY MATADOR PRODUCTION COMPANY. THIS CERTIFICATION IS MADE
AND LIMITED TO THOSE PERSONS OR ENTITIES SHOWN ON THE FACE OF THIS PLAT AND IS
NON-TRANSFERABLE. THIS SURVEY IS CERTIFIED FOR THIS TRANSACTION ONLY.



DETAIL VIEW
SCALE: 1" = 500'



Michael Blake Brown, P.S. No. 18329
APRIL 27, 2015

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