

NOV 25 2019

DISTRICT I
1625 N. FRENCH DR., HOBBS, NM 88240
Phone: (505) 393-6161 Fax: (505) 393-0720

DISTRICT II
811 S. FIRST ST., ARTESIA, NM 88210
Phone: (505) 748-1283 Fax: (505) 748-9720

DISTRICT III
1000 RIO BRAZOS RD., AZTEC, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170

DISTRICT IV
1220 S. ST. FRANCIS DR., SANTA FE, NM 87505
Phone: (505) 478-3460 Fax: (505) 478-3462

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 SOUTH ST. FRANCIS DR.
Santa Fe, New Mexico 87505

RECEIVED

Form C-102
Revised August 1, 2011
Submit one copy to appropriate
District Office

☒ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-45748		Pool Code 30216	Pool Name Hay Hollow; Bone Spring, North
Property Code 325001	Property Name DAISY 24 STATE COM		Well Number 504H
OGRID No. 229137	Operator Name COG OPERATING, LLC		Elevation 3057.2'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
C	24	25-S	27-E		275	NORTH	2000	WEST	EDDY

Bottom Hole Location If Different From Surface

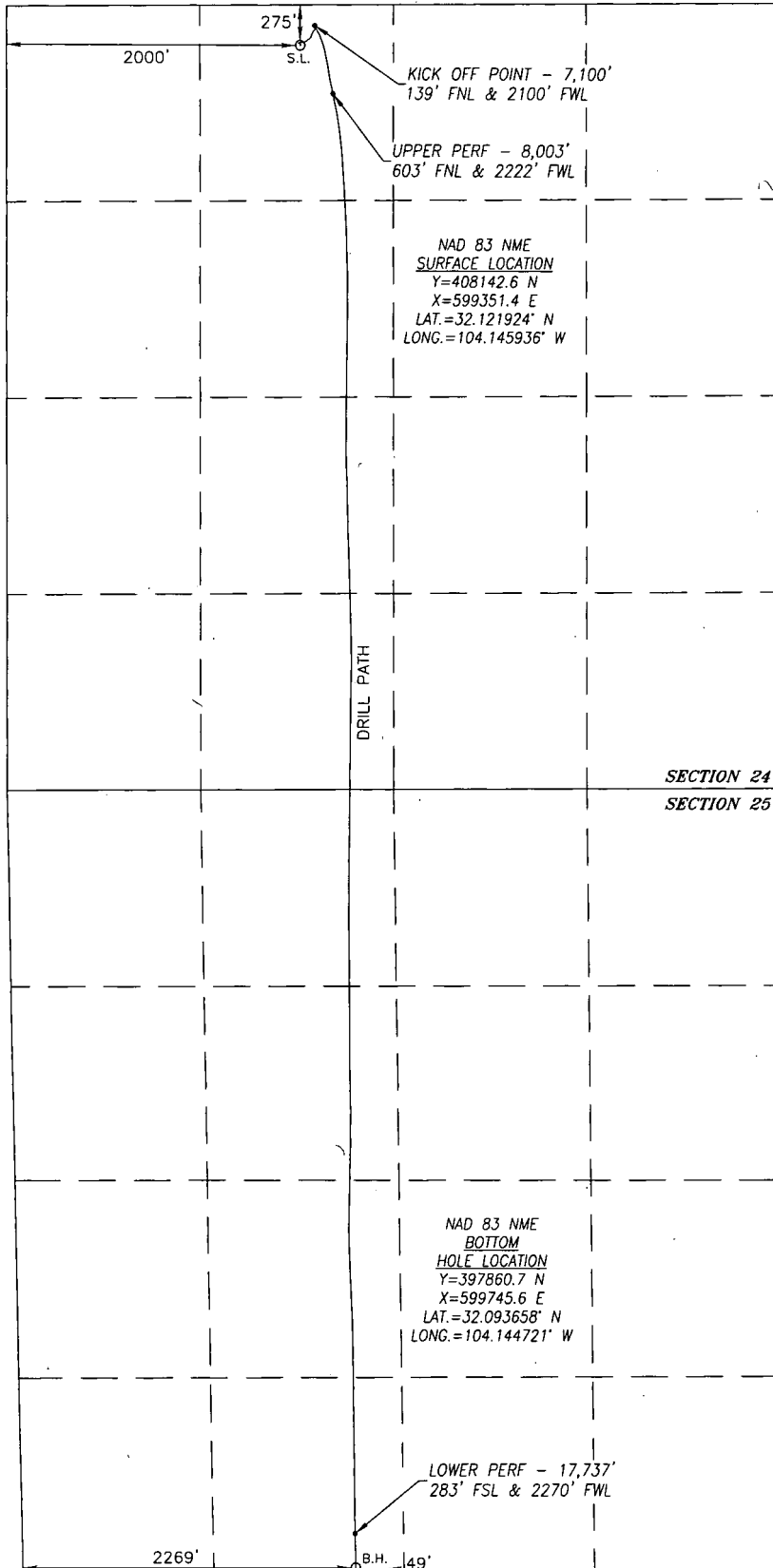
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	25	25-S	27-E		49	SOUTH	2269	WEST	EDDY

Dedicated Acres 640	Joint or Infill	Consolidation Code	Order No.
------------------------	-----------------	--------------------	-----------

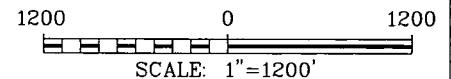
NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

SEE PAGE 2

Property Code 325001	Property Name DAISY 24 STATE COM	Well Number 504H
OGRID No. 229137	Operator Name COG OPERATING, LLC	Elevation 3057.2'



BOREPATH SHOWN HEREON IS BASED ON
DIRECTIONAL SURVEY REPORT PROVIDED BY
COG OPERATING, LLC FOR THE DAISY 24 STATE
COM #504H SUPPLIED TO HARCROW SURVEYING,
LLC ON OCTOBER 10, 2019



OPERATOR CERTIFICATION

I hereby certify that the information herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased 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 mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Amanda Avery 11/25/19
Signature Date

Amanda Avery

Printed Name

aaavery@concho.com

E-mail Address

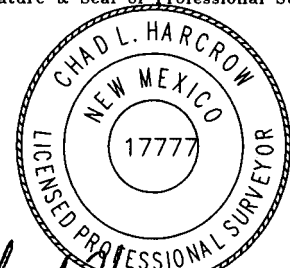
SURVEYOR CERTIFICATION

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.

DEC. 5, 2018/MAY 29, 2019

Date of Survey/Date of Geographic Survey

Signature & Seal of Professional Surveyor



Chad Harcrow 10/22/19
Certificate No. CHAD HARCROW 17777

Intent ☐ As Drilled ☒

API #
30-015-45748

Operator Name:
COG OPERATING, LLC

Property Name:
DAISY 24 STATE COM

Well Number
504H

Kick Off Point (KOP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
C	24	25S	27E		139	NORTH	2100	WEST	EDDY
Latitude					Longitude			NAD	
32.122301					-104.145615			83	

First Take Point (FTP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
C	24	25S	27E		603	NORTH	2222	WEST	EDDY
Latitude					Longitude			NAD	
32.121027					-104.145219			83	

Last Take Point (LTP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
N	25	25S	27E		283	SOUTH	2270	WEST	EDDY
Latitude					Longitude			NAD	
32.094301					-104.144734			83	

Is this well the defining well for the Horizontal Spacing Unit?

☒ Yes

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 #

Operator Name:

Property Name:

Well Number

KZ 06/29/2018

NM OIL CONSERVATION
ARTESIA DISTRICT

NOV 25 2019

RECEIVED

NORTHERN DELAWARE BASIN

EDDY COUNTY, NM

ATLAS

DAISY 24 STATE COM #504H

OWB

Design: AWP

Survey Report - Geographic

29 May, 2019

A Certified Directional Survey
requested as required by NMOCD
Rule 19.15.16.14 NMAC

hsp?

Survey Report - Geographic

Company:	NORTHERN DELAWARE BASIN	Local Co-ordinate Reference:	Well DAISY 24 STATE COM #504H
Project:	EDDY COUNTY, NM	TVD Reference:	RKB = 3057.2' + 27' @ 3084.2usft
Site:	ATLAS	MD Reference:	RKB = 3057.2' + 27' @ 3084.2usft
Well:	DAISY 24 STATE COM #504H	North Reference:	Grid
Wellbore:	OWB	Survey Calculation Method:	Minimum Curvature
Design:	AWP	Database:	EDM_Users

Project	EDDY COUNTY, NM		
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	ATLAS		
Site Position:		Northing:	371,480.80 usft
From:	Map	Easting:	573,599.60 usft
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16 "
		Latitude:	32° 1' 15.933 N
		Longitude:	104° 5' 45.086 W
		Grid Convergence:	0.13 °

Well	DAISY 24 STATE COM #504H		
Well Position	+N-S	0.0 usft	Northing: 408,085.00 usft
	+E-W	0.0 usft	Easting: 558,167.60 usft
Position Uncertainty	3.0 usft	Wellhead Elevation:	usft
		Latitude:	32° 7' 18.490 N
		Longitude:	104° 8' 43.599 W
		Ground Level:	3,057.2 usft

Wellbore	OWB		
Magnetics	Model Name	Sample Date	Declination
			(°)
	IGRF2015	5/14/2019	7.01
		Dip Angle	Field Strength
		(°)	(nT)
		59.85	47,623.50100438

Design	AWP		
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
			177.81

Survey Program	Date	5/29/2019	
From	To	Survey (Wellbore)	Tool Name
(usft)	(usft)		
100.0	7,066.7 Gyros (OWB)		Standard Keeper 104
7,121.0	17,971.0 MWD-CURVE/LATERAL (OWB)		MWD+IFR1+MS
			Standard Wireline Keeper ver 1.0.4
			OWSG MWD + IFR1 + Multi-Station Correction

Survey									
Measured	Inclination	Azimuth	Vertical	+N-S	+E-W	Map	Map	Latitude	Longitude
Depth	(°)	(°)	Depth	(usft)	(usft)	Northing	Easting		
(usft)			(usft)			(usft)	(usft)		
0.0	0.00	0.00	0.0	0.0	0.0	408,085.00	558,167.60	32° 7' 18.490 N	104° 8' 43.599 W
100.0	1.12	85.41	100.0	0.1	1.0	408,085.08	558,168.58	32° 7' 18.490 N	104° 8' 43.587 W
125.0	1.21	79.76	125.0	0.1	1.5	408,085.14	558,169.08	32° 7' 18.491 N	104° 8' 43.581 W
150.0	1.23	78.79	150.0	0.2	2.0	408,085.24	558,169.60	32° 7' 18.492 N	104° 8' 43.575 W
175.0	1.20	77.93	175.0	0.4	2.5	408,085.35	558,170.12	32° 7' 18.493 N	104° 8' 43.569 W
200.0	1.10	77.02	200.0	0.5	3.0	408,085.46	558,170.61	32° 7' 18.494 N	104° 8' 43.564 W
225.0	0.92	70.29	225.0	0.6	3.4	408,085.58	558,171.03	32° 7' 18.495 N	104° 8' 43.559 W
250.0	0.84	73.80	250.0	0.7	3.8	408,085.70	558,171.40	32° 7' 18.497 N	104° 8' 43.554 W
275.0	0.75	79.88	275.0	0.8	4.1	408,085.78	558,171.74	32° 7' 18.497 N	104° 8' 43.550 W
300.0	0.76	78.63	300.0	0.8	4.5	408,085.84	558,172.06	32° 7' 18.498 N	104° 8' 43.547 W
325.0	0.58	71.33	325.0	0.9	4.7	408,085.91	558,172.34	32° 7' 18.499 N	104° 8' 43.543 W

Survey Report - Geographic

Company:	NORTHERN DELAWARE BASIN	Local Co-ordinate Reference:	Well DAISY 24 STATE COM #504H
Project:	EDDY COUNTY, NM	TVD Reference:	RKB = 3057.2' + 27' @ 3084.2usft
Site:	ATLAS	MD Reference:	RKB = 3057.2' + 27' @ 3084.2usft
Well:	DAISY 24 STATE COM #504H	North Reference:	Grid
Wellbore:	OWB	Survey Calculation Method:	Minimum Curvature
Design:	AWP	Database:	EDM_Users

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude
350.0	0.42	71.57	350.0	1.0	4.9	408,085.98	558,172.55	32° 7' 18.499 N	104° 8' 43.541 W
375.0	0.34	68.08	375.0	1.0	5.1	408,086.04	558,172.71	32° 7' 18.500 N	104° 8' 43.539 W
400.0	0.27	42.69	400.0	1.1	5.2	408,086.11	558,172.81	32° 7' 18.501 N	104° 8' 43.538 W
425.0	0.16	357.51	425.0	1.2	5.3	408,086.19	558,172.85	32° 7' 18.501 N	104° 8' 43.537 W
450.0	0.17	322.46	450.0	1.3	5.2	408,086.25	558,172.83	32° 7' 18.502 N	104° 8' 43.538 W
475.0	0.27	319.13	475.0	1.3	5.2	408,086.33	558,172.77	32° 7' 18.503 N	104° 8' 43.538 W
500.0	0.13	272.32	500.0	1.4	5.1	408,086.37	558,172.70	32° 7' 18.503 N	104° 8' 43.539 W
525.0	0.05	297.03	525.0	1.4	5.1	408,086.38	558,172.66	32° 7' 18.503 N	104° 8' 43.540 W
550.0	0.04	87.68	550.0	1.4	5.1	408,086.38	558,172.66	32° 7' 18.503 N	104° 8' 43.540 W
575.0	0.07	328.99	575.0	1.4	5.1	408,086.40	558,172.66	32° 7' 18.503 N	104° 8' 43.540 W
600.0	0.11	350.28	600.0	1.4	5.0	408,086.43	558,172.65	32° 7' 18.504 N	104° 8' 43.540 W
625.0	0.13	333.53	625.0	1.5	5.0	408,086.48	558,172.63	32° 7' 18.504 N	104° 8' 43.540 W
650.0	0.22	317.69	650.0	1.5	5.0	408,086.54	558,172.59	32° 7' 18.505 N	104° 8' 43.541 W
675.0	0.22	333.44	675.0	1.6	4.9	408,086.62	558,172.53	32° 7' 18.506 N	104° 8' 43.541 W
700.0	0.22	298.29	700.0	1.7	4.9	408,086.69	558,172.47	32° 7' 18.506 N	104° 8' 43.542 W
725.0	0.21	309.19	725.0	1.7	4.8	408,086.74	558,172.39	32° 7' 18.507 N	104° 8' 43.543 W
750.0	0.21	302.43	750.0	1.8	4.7	408,086.79	558,172.32	32° 7' 18.507 N	104° 8' 43.544 W
775.0	0.25	299.22	775.0	1.8	4.6	408,086.84	558,172.23	32° 7' 18.508 N	104° 8' 43.545 W
800.0	0.34	318.89	800.0	1.9	4.5	408,086.93	558,172.14	32° 7' 18.509 N	104° 8' 43.546 W
825.0	0.55	314.48	825.0	2.1	4.4	408,087.07	558,172.00	32° 7' 18.510 N	104° 8' 43.547 W
850.0	0.67	321.31	850.0	2.3	4.2	408,087.27	558,171.83	32° 7' 18.512 N	104° 8' 43.549 W
875.0	0.81	321.65	875.0	2.5	4.0	408,087.52	558,171.62	32° 7' 18.515 N	104° 8' 43.552 W
900.0	0.94	321.98	899.9	2.8	3.8	408,087.82	558,171.39	32° 7' 18.517 N	104° 8' 43.554 W
925.0	0.97	323.04	924.9	3.1	3.5	408,088.15	558,171.13	32° 7' 18.521 N	104° 8' 43.557 W
950.0	1.07	320.68	949.9	3.5	3.3	408,088.50	558,170.86	32° 7' 18.524 N	104° 8' 43.561 W
975.0	1.07	324.17	974.9	3.9	3.0	408,088.87	558,170.57	32° 7' 18.528 N	104° 8' 43.564 W
1,000.0	1.11	323.17	999.9	4.3	2.7	408,089.25	558,170.29	32° 7' 18.532 N	104° 8' 43.567 W
1,025.0	1.23	325.06	1,024.9	4.7	2.4	408,089.67	558,169.99	32° 7' 18.536 N	104° 8' 43.571 W
1,050.0	1.37	328.46	1,049.9	5.1	2.1	408,090.14	558,169.68	32° 7' 18.540 N	104° 8' 43.574 W
1,075.0	1.44	327.47	1,074.9	5.7	1.8	408,090.66	558,169.36	32° 7' 18.546 N	104° 8' 43.578 W
1,100.0	1.51	328.01	1,099.9	6.2	1.4	408,091.20	558,169.02	32° 7' 18.551 N	104° 8' 43.582 W
1,125.0	1.66	330.74	1,124.9	6.8	1.1	408,091.80	558,168.66	32° 7' 18.557 N	104° 8' 43.586 W
1,150.0	1.87	327.62	1,149.9	7.5	0.7	408,092.46	558,168.27	32° 7' 18.563 N	104° 8' 43.591 W
1,175.0	2.13	325.13	1,174.9	8.2	0.2	408,093.18	558,167.78	32° 7' 18.571 N	104° 8' 43.596 W
1,200.0	2.04	325.87	1,199.9	8.9	-0.3	408,093.93	558,167.27	32° 7' 18.578 N	104° 8' 43.602 W
1,225.0	1.62	319.59	1,224.8	9.6	-0.8	408,094.57	558,166.79	32° 7' 18.584 N	104° 8' 43.608 W
1,250.0	1.23	307.95	1,249.8	10.0	-1.3	408,095.01	558,166.35	32° 7' 18.589 N	104° 8' 43.613 W
1,275.0	0.98	297.09	1,274.8	10.3	-1.7	408,095.27	558,165.95	32° 7' 18.591 N	104° 8' 43.618 W
1,300.0	1.26	301.71	1,299.8	10.5	-2.1	408,095.51	558,165.52	32° 7' 18.594 N	104° 8' 43.623 W
1,325.0	1.23	294.05	1,324.8	10.8	-2.6	408,095.76	558,165.05	32° 7' 18.596 N	104° 8' 43.628 W
1,350.0	1.32	294.10	1,349.8	11.0	-3.1	408,095.99	558,164.54	32° 7' 18.598 N	104° 8' 43.634 W
1,375.0	1.56	296.22	1,374.8	11.3	-3.6	408,096.26	558,163.97	32° 7' 18.601 N	104° 8' 43.641 W
1,400.0	2.04	298.41	1,399.8	11.6	-4.3	408,096.62	558,163.27	32° 7' 18.605 N	104° 8' 43.649 W
1,425.0	2.40	295.51	1,424.8	12.1	-5.2	408,097.06	558,162.41	32° 7' 18.609 N	104° 8' 43.659 W
1,450.0	2.66	295.47	1,449.7	12.5	-6.2	408,097.53	558,161.41	32° 7' 18.614 N	104° 8' 43.670 W
1,475.0	2.79	296.90	1,474.7	13.1	-7.3	408,098.06	558,160.35	32° 7' 18.619 N	104° 8' 43.683 W
1,500.0	2.78	300.05	1,499.7	13.6	-8.3	408,098.64	558,159.28	32° 7' 18.625 N	104° 8' 43.695 W
1,525.0	2.54	302.36	1,524.7	14.2	-9.3	408,099.24	558,158.29	32° 7' 18.631 N	104° 8' 43.707 W
1,550.0	1.71	308.96	1,549.6	14.8	-10.1	408,099.77	558,157.53	32° 7' 18.636 N	104° 8' 43.715 W
1,575.0	1.49	311.20	1,574.6	15.2	-10.6	408,100.22	558,156.99	32° 7' 18.640 N	104° 8' 43.722 W
1,600.0	1.21	317.04	1,599.6	15.6	-11.0	408,100.62	558,156.57	32° 7' 18.644 N	104° 8' 43.727 W
1,625.0	1.08	342.68	1,624.6	16.0	-11.3	408,101.04	558,156.32	32° 7' 18.649 N	104° 8' 43.729 W
1,650.0	1.07	34.23	1,649.6	16.5	-11.2	408,101.46	558,156.38	32° 7' 18.653 N	104° 8' 43.729 W
1,675.0	1.79	70.19	1,674.6	16.8	-10.7	408,101.78	558,156.88	32° 7' 18.656 N	104° 8' 43.723 W
1,700.0	2.36	82.93	1,699.6	17.0	-9.8	408,101.98	558,157.76	32° 7' 18.658 N	104° 8' 43.713 W

Survey Report - Geographic

Company:	NORTHERN DELAWARE BASIN	Local Co-ordinate Reference:	Well DAISY 24 STATE COM #504H
Project:	EDDY COUNTY, NM	TVD Reference:	RKB = 3057.2' + 27' @ 3084.2usft
Site:	ATLAS	MD Reference:	RKB = 3057.2' + 27' @ 3084.2usft
Well:	DAISY 24 STATE COM #504H	North Reference:	Grid
Wellbore:	OWB	Survey Calculation Method:	Minimum Curvature
Design:	AWP	Database:	EDM_Users

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude
1,725.0	2.89	79.88	1,724.6	17.2	-8.7	408,102.15	558,158.89	32° 7' 18.660 N	104° 8' 43.700 W
1,750.0	3.09	76.79	1,749.5	17.4	-7.4	408,102.42	558,160.16	32° 7' 18.662 N	104° 8' 43.685 W
1,775.0	3.08	76.62	1,774.5	17.7	-6.1	408,102.73	558,161.47	32° 7' 18.665 N	104° 8' 43.669 W
1,800.0	3.19	77.34	1,799.5	18.0	-4.8	408,103.04	558,162.81	32° 7' 18.668 N	104° 8' 43.654 W
1,825.0	3.36	78.85	1,824.4	18.3	-3.4	408,103.33	558,164.20	32° 7' 18.671 N	104° 8' 43.638 W
1,850.0	3.54	76.42	1,849.4	18.7	-1.9	408,103.65	558,165.67	32° 7' 18.674 N	104° 8' 43.621 W
1,875.0	3.69	77.27	1,874.3	19.0	-0.4	408,104.01	558,167.21	32° 7' 18.678 N	104° 8' 43.603 W
1,900.0	3.84	78.63	1,899.3	19.4	1.2	408,104.35	558,168.81	32° 7' 18.681 N	104° 8' 43.584 W
1,925.0	4.28	82.45	1,924.2	19.6	3.0	408,104.64	558,170.56	32° 7' 18.684 N	104° 8' 43.564 W
1,950.0	4.28	83.59	1,949.1	19.9	4.8	408,104.87	558,172.41	32° 7' 18.686 N	104° 8' 43.542 W
1,975.0	4.19	83.37	1,974.1	20.1	6.6	408,105.08	558,174.24	32° 7' 18.688 N	104° 8' 43.521 W
2,000.0	3.90	84.69	1,999.0	20.3	8.4	408,105.26	558,176.00	32° 7' 18.690 N	104° 8' 43.501 W
2,025.0	3.64	84.00	2,024.0	20.4	10.0	408,105.42	558,177.63	32° 7' 18.692 N	104° 8' 43.481 W
2,050.0	3.36	86.95	2,048.9	20.5	11.6	408,105.55	558,179.15	32° 7' 18.693 N	104° 8' 43.464 W
2,075.0	3.57	88.54	2,073.9	20.6	13.1	408,105.60	558,180.66	32° 7' 18.693 N	104° 8' 43.446 W
2,100.0	3.95	87.09	2,098.8	20.7	14.7	408,105.67	558,182.30	32° 7' 18.694 N	104° 8' 43.427 W
2,125.0	4.04	86.22	2,123.7	20.8	16.4	408,105.77	558,184.04	32° 7' 18.695 N	104° 8' 43.407 W
2,150.0	4.18	86.40	2,148.7	20.9	18.2	408,105.89	558,185.83	32° 7' 18.696 N	104° 8' 43.386 W
2,175.0	3.67	85.62	2,173.6	21.0	19.9	408,106.00	558,187.54	32° 7' 18.697 N	104° 8' 43.366 W
2,200.0	2.48	82.65	2,198.6	21.1	21.3	408,106.13	558,188.87	32° 7' 18.698 N	104° 8' 43.351 W
2,225.0	1.98	80.33	2,223.6	21.3	22.2	408,106.28	558,189.83	32° 7' 18.700 N	104° 8' 43.340 W
2,250.0	1.74	81.62	2,248.6	21.4	23.0	408,106.40	558,190.63	32° 7' 18.701 N	104° 8' 43.330 W
2,275.0	1.71	80.97	2,273.5	21.5	23.8	408,106.52	558,191.38	32° 7' 18.702 N	104° 8' 43.322 W
2,300.0	1.60	80.78	2,298.5	21.6	24.5	408,106.63	558,192.09	32° 7' 18.703 N	104° 8' 43.313 W
2,325.0	1.62	79.39	2,323.5	21.8	25.2	408,106.75	558,192.78	32° 7' 18.704 N	104° 8' 43.305 W
2,350.0	1.51	75.94	2,348.5	21.9	25.8	408,106.90	558,193.45	32° 7' 18.706 N	104° 8' 43.298 W
2,375.0	1.35	69.64	2,373.5	22.1	26.4	408,107.08	558,194.05	32° 7' 18.708 N	104° 8' 43.291 W
2,400.0	1.33	71.51	2,398.5	22.3	27.0	408,107.27	558,194.60	32° 7' 18.710 N	104° 8' 43.284 W
2,425.0	1.32	67.89	2,423.5	22.5	27.5	408,107.48	558,195.14	32° 7' 18.712 N	104° 8' 43.278 W
2,450.0	1.36	68.47	2,448.5	22.7	28.1	408,107.69	558,195.68	32° 7' 18.714 N	104° 8' 43.272 W
2,475.0	1.37	71.77	2,473.5	22.9	28.6	408,107.90	558,196.24	32° 7' 18.716 N	104° 8' 43.265 W
2,500.0	1.27	73.97	2,498.5	23.1	29.2	408,108.07	558,196.79	32° 7' 18.717 N	104° 8' 43.259 W
2,525.0	1.31	72.38	2,523.5	23.2	29.7	408,108.23	558,197.33	32° 7' 18.719 N	104° 8' 43.252 W
2,550.0	1.27	77.03	2,548.5	23.4	30.3	408,108.38	558,197.87	32° 7' 18.720 N	104° 8' 43.246 W
2,575.0	1.26	71.76	2,573.5	23.5	30.8	408,108.52	558,198.40	32° 7' 18.722 N	104° 8' 43.240 W
2,600.0	1.21	72.83	2,598.4	23.7	31.3	408,108.69	558,198.92	32° 7' 18.724 N	104° 8' 43.234 W
2,625.0	1.18	71.68	2,623.4	23.8	31.8	408,108.85	558,199.41	32° 7' 18.725 N	104° 8' 43.228 W
2,650.0	1.18	65.77	2,648.4	24.0	32.3	408,109.03	558,199.89	32° 7' 18.727 N	104° 8' 43.223 W
2,675.0	1.07	65.27	2,673.4	24.2	32.7	408,109.24	558,200.34	32° 7' 18.729 N	104° 8' 43.217 W
2,700.0	1.05	65.88	2,698.4	24.4	33.2	408,109.43	558,200.76	32° 7' 18.731 N	104° 8' 43.212 W
2,725.0	1.03	68.45	2,723.4	24.6	33.6	408,109.60	558,201.18	32° 7' 18.733 N	104° 8' 43.208 W
2,750.0	1.06	60.00	2,748.4	24.8	34.0	408,109.80	558,201.59	32° 7' 18.735 N	104° 8' 43.203 W
2,775.0	1.02	60.90	2,773.4	25.0	34.4	408,110.03	558,201.98	32° 7' 18.737 N	104° 8' 43.198 W
2,800.0	1.06	61.17	2,798.4	25.2	34.8	408,110.25	558,202.38	32° 7' 18.739 N	104° 8' 43.194 W
2,825.0	0.91	59.29	2,823.4	25.5	35.1	408,110.46	558,202.75	32° 7' 18.741 N	104° 8' 43.189 W
2,850.0	0.91	57.76	2,848.4	25.7	35.5	408,110.67	558,203.09	32° 7' 18.743 N	104° 8' 43.185 W
2,875.0	0.79	67.39	2,873.4	25.8	35.8	408,110.84	558,203.42	32° 7' 18.745 N	104° 8' 43.182 W
2,900.0	0.74	54.20	2,898.4	26.0	36.1	408,111.00	558,203.71	32° 7' 18.746 N	104° 8' 43.178 W
2,925.0	0.78	58.70	2,923.4	26.2	36.4	408,111.18	558,203.98	32° 7' 18.748 N	104° 8' 43.175 W
2,950.0	0.76	61.86	2,948.4	26.4	36.7	408,111.35	558,204.28	32° 7' 18.750 N	104° 8' 43.172 W
2,975.0	0.76	63.29	2,973.4	26.5	37.0	408,111.50	558,204.57	32° 7' 18.751 N	104° 8' 43.168 W
3,000.0	1.05	68.04	2,998.4	26.7	37.3	408,111.66	558,204.93	32° 7' 18.753 N	104° 8' 43.164 W
3,025.0	1.54	64.68	3,023.4	26.9	37.8	408,111.89	558,205.45	32° 7' 18.755 N	104° 8' 43.158 W
3,050.0	1.65	64.02	3,048.4	27.2	38.5	408,112.19	558,206.07	32° 7' 18.758 N	104° 8' 43.151 W
3,075.0	1.65	65.72	3,073.4	27.5	39.1	408,112.50	558,206.73	32° 7' 18.761 N	104° 8' 43.143 W

Survey Report - Geographic

Company:	NORTHERN DELAWARE BASIN	Local Co-ordinate Reference:	Well DAISY 24 STATE COM #504H
Project:	EDDY COUNTY, NM	TVD Reference:	RKB = 3057.2' + 27' @ 3084.2usft
Site:	ATLAS	MD Reference:	RKB = 3057.2' + 27' @ 3084.2usft
Well:	DAISY 24 STATE COM #504H	North Reference:	Grid
Wellbore:	OWB	Survey Calculation Method:	Minimum Curvature
Design:	AWP	Database:	EDM_Users

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude
3,100.0	1.66	63.87	3,098.4	27.8	39.8	408,112.81	558,207.38	32° 7' 18.764 N	104° 8' 43.135 W
3,125.0	1.48	65.57	3,123.3	28.1	40.4	408,113.10	558,208.00	32° 7' 18.767 N	104° 8' 43.128 W
3,150.0	1.55	64.82	3,148.3	28.4	41.0	408,113.38	558,208.60	32° 7' 18.770 N	104° 8' 43.121 W
3,175.0	1.45	65.45	3,173.3	28.7	41.6	408,113.65	558,209.19	32° 7' 18.772 N	104° 8' 43.114 W
3,200.0	1.40	56.97	3,198.3	29.0	42.1	408,113.95	558,209.74	32° 7' 18.775 N	104° 8' 43.108 W
3,225.0	1.40	60.21	3,223.3	29.3	42.7	408,114.27	558,210.26	32° 7' 18.779 N	104° 8' 43.102 W
3,250.0	1.41	60.28	3,248.3	29.6	43.2	408,114.57	558,210.79	32° 7' 18.782 N	104° 8' 43.096 W
3,275.0	1.36	61.00	3,273.3	29.9	43.7	408,114.87	558,211.32	32° 7' 18.784 N	104° 8' 43.090 W
3,300.0	1.35	62.08	3,298.3	30.2	44.2	408,115.15	558,211.83	32° 7' 18.787 N	104° 8' 43.084 W
3,325.0	1.33	60.80	3,323.3	30.4	44.7	408,115.43	558,212.35	32° 7' 18.790 N	104° 8' 43.078 W
3,350.0	1.25	60.90	3,348.3	30.7	45.2	408,115.70	558,212.84	32° 7' 18.793 N	104° 8' 43.072 W
3,375.0	1.33	58.21	3,373.3	31.0	45.7	408,115.99	558,213.32	32° 7' 18.796 N	104° 8' 43.066 W
3,400.0	1.19	57.63	3,398.3	31.3	46.2	408,116.28	558,213.79	32° 7' 18.798 N	104° 8' 43.061 W
3,425.0	1.16	60.60	3,423.3	31.5	46.6	408,116.54	558,214.23	32° 7' 18.801 N	104° 8' 43.056 W
3,450.0	1.15	57.86	3,448.3	31.8	47.1	408,116.80	558,214.66	32° 7' 18.804 N	104° 8' 43.051 W
3,475.0	1.20	62.89	3,473.2	32.1	47.5	408,117.05	558,215.11	32° 7' 18.806 N	104° 8' 43.045 W
3,500.0	1.20	55.92	3,498.2	32.3	48.0	408,117.32	558,215.56	32° 7' 18.809 N	104° 8' 43.040 W
3,525.0	1.16	56.64	3,523.2	32.6	48.4	408,117.61	558,215.99	32° 7' 18.812 N	104° 8' 43.035 W
3,550.0	1.19	58.56	3,548.2	32.9	48.8	408,117.88	558,216.42	32° 7' 18.814 N	104° 8' 43.030 W
3,575.0	1.14	53.70	3,573.2	33.2	49.2	408,118.16	558,216.84	32° 7' 18.817 N	104° 8' 43.025 W
3,600.0	1.14	55.83	3,598.2	33.5	49.6	408,118.45	558,217.25	32° 7' 18.820 N	104° 8' 43.021 W
3,625.0	1.05	54.53	3,623.2	33.7	50.0	408,118.72	558,217.64	32° 7' 18.823 N	104° 8' 43.016 W
3,650.0	0.98	63.80	3,648.2	34.0	50.4	408,118.95	558,218.02	32° 7' 18.825 N	104° 8' 43.012 W
3,675.0	0.97	54.59	3,673.2	34.2	50.8	408,119.17	558,218.38	32° 7' 18.827 N	104° 8' 43.007 W
3,700.0	1.04	63.05	3,698.2	34.4	51.2	408,119.39	558,218.76	32° 7' 18.829 N	104° 8' 43.003 W
3,725.0	1.09	59.71	3,723.2	34.6	51.6	408,119.62	558,219.16	32° 7' 18.831 N	104° 8' 42.998 W
3,750.0	1.10	58.40	3,748.2	34.9	52.0	408,119.86	558,219.57	32° 7' 18.834 N	104° 8' 42.993 W
3,775.0	0.98	59.34	3,773.2	35.1	52.4	408,120.10	558,219.96	32° 7' 18.836 N	104° 8' 42.989 W
3,800.0	1.05	57.11	3,798.2	35.3	52.7	408,120.33	558,220.34	32° 7' 18.838 N	104° 8' 42.985 W
3,825.0	1.12	54.01	3,823.2	35.6	53.1	408,120.60	558,220.73	32° 7' 18.841 N	104° 8' 42.980 W
3,850.0	1.59	49.98	3,848.2	36.0	53.6	408,120.96	558,221.19	32° 7' 18.845 N	104° 8' 42.975 W
3,875.0	1.87	48.49	3,873.2	36.5	54.2	408,121.46	558,221.76	32° 7' 18.850 N	104° 8' 42.968 W
3,900.0	2.03	48.99	3,898.2	37.0	54.8	408,122.02	558,222.40	32° 7' 18.855 N	104° 8' 42.961 W
3,925.0	2.08	46.30	3,923.1	37.6	55.5	408,122.62	558,223.07	32° 7' 18.861 N	104° 8' 42.953 W
3,950.0	2.11	46.93	3,948.1	38.3	56.1	408,123.25	558,223.73	32° 7' 18.867 N	104° 8' 42.945 W
3,975.0	2.05	47.87	3,973.1	38.9	56.8	408,123.86	558,224.40	32° 7' 18.873 N	104° 8' 42.937 W
4,000.0	2.04	48.47	3,998.1	39.5	57.5	408,124.46	558,225.06	32° 7' 18.879 N	104° 8' 42.930 W
4,025.0	2.10	48.46	4,023.1	40.1	58.1	408,125.06	558,225.74	32° 7' 18.885 N	104° 8' 42.922 W
4,050.0	2.02	47.96	4,048.1	40.7	58.8	408,125.66	558,226.41	32° 7' 18.891 N	104° 8' 42.914 W
4,075.0	2.13	47.44	4,073.0	41.3	59.5	408,126.27	558,227.08	32° 7' 18.897 N	104° 8' 42.906 W
4,100.0	2.10	47.72	4,098.0	41.9	60.2	408,126.89	558,227.76	32° 7' 18.903 N	104° 8' 42.898 W
4,125.0	2.11	46.26	4,123.0	42.5	60.8	408,127.51	558,228.43	32° 7' 18.909 N	104° 8' 42.890 W
4,150.0	2.04	48.40	4,148.0	43.1	61.5	408,128.13	558,229.10	32° 7' 18.915 N	104° 8' 42.883 W
4,175.0	1.95	48.41	4,173.0	43.7	62.1	408,128.71	558,229.75	32° 7' 18.921 N	104° 8' 42.875 W
4,200.0	1.77	50.25	4,198.0	44.2	62.8	408,129.24	558,230.36	32° 7' 18.926 N	104° 8' 42.868 W
4,225.0	1.86	46.85	4,222.9	44.8	63.4	408,129.76	558,230.95	32° 7' 18.932 N	104° 8' 42.861 W
4,250.0	1.59	48.64	4,247.9	45.3	63.9	408,130.27	558,231.51	32° 7' 18.937 N	104° 8' 42.854 W
4,275.0	1.43	51.94	4,272.9	45.7	64.4	408,130.69	558,232.02	32° 7' 18.941 N	104° 8' 42.849 W
4,300.0	1.49	54.69	4,297.9	46.1	64.9	408,131.07	558,232.53	32° 7' 18.944 N	104° 8' 42.843 W
4,325.0	1.26	57.17	4,322.9	46.4	65.4	408,131.40	558,233.02	32° 7' 18.948 N	104° 8' 42.837 W
4,350.0	1.37	57.43	4,347.9	46.7	65.9	408,131.71	558,233.51	32° 7' 18.951 N	104° 8' 42.831 W
4,375.0	1.29	59.58	4,372.9	47.0	66.4	408,132.02	558,234.00	32° 7' 18.954 N	104° 8' 42.825 W
4,400.0	1.15	61.98	4,397.9	47.3	66.9	408,132.28	558,234.46	32° 7' 18.956 N	104° 8' 42.820 W
4,425.0	1.17	59.43	4,422.9	47.5	67.3	408,132.53	558,234.91	32° 7' 18.959 N	104° 8' 42.815 W
4,450.0	1.06	63.59	4,447.9	47.8	67.7	408,132.76	558,235.33	32° 7' 18.961 N	104° 8' 42.810 W

Survey Report - Geographic

Company:	NORTHERN DELAWARE BASIN	Local Co-ordinate Reference:	Well DAISY 24 STATE COM #504H
Project:	EDDY COUNTY, NM	TVD Reference:	RKB = 3057.2' + 27' @ 3084.2usft
Site:	ATLAS	MD Reference:	RKB = 3057.2' + 27' @ 3084.2usft
Well:	DAISY 24 STATE COM #504H	North Reference:	Grid
Wellbore:	OWB	Survey Calculation Method:	Minimum Curvature
Design:	AWP	Database:	EDM_Users

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude
4,475.0	1.01	66.29	4,472.9	48.0	68.1	408,132.95	558,235.74	32° 7' 18.963 N	104° 8' 42.805 W
4,500.0	0.93	56.79	4,497.9	48.2	68.5	408,133.15	558,236.11	32° 7' 18.965 N	104° 8' 42.801 W
4,525.0	0.99	60.63	4,522.9	48.4	68.9	408,133.37	558,236.47	32° 7' 18.967 N	104° 8' 42.797 W
4,550.0	1.01	59.55	4,547.9	48.6	69.2	408,133.58	558,236.85	32° 7' 18.969 N	104° 8' 42.792 W
4,575.0	1.06	54.09	4,572.9	48.8	69.6	408,133.83	558,237.23	32° 7' 18.972 N	104° 8' 42.788 W
4,600.0	1.57	34.92	4,597.9	49.2	70.0	408,134.25	558,237.61	32° 7' 18.976 N	104° 8' 42.783 W
4,625.0	1.69	26.37	4,622.8	49.9	70.4	408,134.86	558,237.97	32° 7' 18.982 N	104° 8' 42.779 W
4,650.0	1.65	26.08	4,647.8	50.5	70.7	408,135.51	558,238.29	32° 7' 18.988 N	104° 8' 42.776 W
4,675.0	1.73	28.23	4,672.8	51.2	71.0	408,136.17	558,238.63	32° 7' 18.995 N	104° 8' 42.772 W
4,700.0	1.77	26.32	4,697.8	51.8	71.4	408,136.85	558,238.98	32° 7' 19.002 N	104° 8' 42.768 W
4,725.0	1.85	25.88	4,722.8	52.6	71.7	408,137.56	558,239.33	32° 7' 19.009 N	104° 8' 42.763 W
4,750.0	1.76	25.30	4,747.8	53.3	72.1	408,138.27	558,239.67	32° 7' 19.016 N	104° 8' 42.759 W
4,775.0	1.74	22.74	4,772.8	54.0	72.4	408,138.96	558,239.98	32° 7' 19.022 N	104° 8' 42.756 W
4,800.0	1.81	23.84	4,797.8	54.7	72.7	408,139.67	558,240.28	32° 7' 19.029 N	104° 8' 42.752 W
4,825.0	1.61	26.73	4,822.8	55.4	73.0	408,140.35	558,240.60	32° 7' 19.036 N	104° 8' 42.749 W
4,850.0	1.68	27.08	4,847.7	56.0	73.3	408,140.99	558,240.93	32° 7' 19.042 N	104° 8' 42.745 W
4,875.0	1.49	24.43	4,872.7	56.6	73.6	408,141.61	558,241.23	32° 7' 19.049 N	104° 8' 42.741 W
4,900.0	1.48	25.22	4,897.7	57.2	73.9	408,142.20	558,241.50	32° 7' 19.054 N	104° 8' 42.738 W
4,925.0	1.38	26.48	4,922.7	57.8	74.2	408,142.76	558,241.77	32° 7' 19.060 N	104° 8' 42.735 W
4,950.0	1.38	30.16	4,947.7	58.3	74.5	408,143.29	558,242.06	32° 7' 19.065 N	104° 8' 42.732 W
4,975.0	1.51	24.98	4,972.7	58.9	74.7	408,143.85	558,242.35	32° 7' 19.071 N	104° 8' 42.728 W
5,000.0	1.49	27.48	4,997.7	59.4	75.0	408,144.44	558,242.63	32° 7' 19.077 N	104° 8' 42.725 W
5,025.0	1.55	31.53	5,022.7	60.0	75.4	408,145.01	558,242.96	32° 7' 19.082 N	104° 8' 42.721 W
5,050.0	1.55	28.33	5,047.7	60.6	75.7	408,145.60	558,243.30	32° 7' 19.088 N	104° 8' 42.717 W
5,075.0	1.44	26.74	5,072.7	61.2	76.0	408,146.18	558,243.60	32° 7' 19.094 N	104° 8' 42.714 W
5,100.0	1.56	25.65	5,097.7	61.8	76.3	408,146.76	558,243.89	32° 7' 19.100 N	104° 8' 42.710 W
5,125.0	1.47	25.49	5,122.6	62.4	76.6	408,147.36	558,244.17	32° 7' 19.105 N	104° 8' 42.707 W
5,150.0	1.46	23.25	5,147.6	62.9	76.8	408,147.94	558,244.44	32° 7' 19.111 N	104° 8' 42.704 W
5,175.0	1.48	25.14	5,172.6	63.5	77.1	408,148.53	558,244.70	32° 7' 19.117 N	104° 8' 42.701 W
5,200.0	1.45	28.00	5,197.6	64.1	77.4	408,149.10	558,244.99	32° 7' 19.123 N	104° 8' 42.697 W
5,225.0	1.50	23.87	5,222.6	64.7	77.7	408,149.68	558,245.27	32° 7' 19.128 N	104° 8' 42.694 W
5,250.0	1.82	19.26	5,247.6	65.4	77.9	408,150.35	558,245.53	32° 7' 19.135 N	104° 8' 42.691 W
5,275.0	2.23	15.30	5,272.6	66.2	78.2	408,151.20	558,245.79	32° 7' 19.143 N	104° 8' 42.688 W
5,300.0	2.41	16.23	5,297.6	67.2	78.5	408,152.17	558,246.07	32° 7' 19.153 N	104° 8' 42.685 W
5,325.0	2.46	15.43	5,322.5	68.2	78.8	408,153.19	558,246.36	32° 7' 19.163 N	104° 8' 42.681 W
5,350.0	2.44	14.80	5,347.5	69.2	79.0	408,154.22	558,246.63	32° 7' 19.173 N	104° 8' 42.678 W
5,375.0	2.47	15.29	5,372.5	70.3	79.3	408,155.26	558,246.91	32° 7' 19.184 N	104° 8' 42.675 W
5,400.0	2.51	15.85	5,397.5	71.3	79.6	408,156.30	558,247.20	32° 7' 19.194 N	104° 8' 42.671 W
5,425.0	2.48	17.65	5,422.5	72.3	79.9	408,157.35	558,247.52	32° 7' 19.204 N	104° 8' 42.668 W
5,450.0	2.29	13.58	5,447.4	73.3	80.2	408,158.35	558,247.80	32° 7' 19.214 N	104° 8' 42.665 W
5,475.0	2.30	17.95	5,472.4	74.3	80.5	408,159.31	558,248.07	32° 7' 19.224 N	104° 8' 42.661 W
5,500.0	2.19	16.56	5,497.4	75.2	80.8	408,160.24	558,248.36	32° 7' 19.233 N	104° 8' 42.658 W
5,525.0	2.49	18.68	5,522.4	76.2	81.1	408,161.22	558,248.67	32° 7' 19.243 N	104° 8' 42.654 W
5,550.0	2.53	20.99	5,547.3	77.2	81.4	408,162.25	558,249.04	32° 7' 19.253 N	104° 8' 42.650 W
5,575.0	2.99	22.76	5,572.3	78.4	81.9	408,163.36	558,249.49	32° 7' 19.264 N	104° 8' 42.645 W
5,600.0	2.83	21.01	5,597.3	79.5	82.4	408,164.54	558,249.97	32° 7' 19.275 N	104° 8' 42.639 W
5,625.0	2.92	22.31	5,622.3	80.7	82.8	408,165.71	558,250.43	32° 7' 19.287 N	104° 8' 42.634 W
5,650.0	2.74	23.43	5,647.2	81.8	83.3	408,166.84	558,250.91	32° 7' 19.298 N	104° 8' 42.628 W
5,675.0	3.09	24.08	5,672.2	83.0	83.8	408,168.01	558,251.42	32° 7' 19.310 N	104° 8' 42.622 W
5,700.0	2.96	23.59	5,697.2	84.2	84.4	408,169.21	558,251.95	32° 7' 19.322 N	104° 8' 42.616 W
5,725.0	3.71	27.59	5,722.1	85.5	85.0	408,170.52	558,252.59	32° 7' 19.335 N	104° 8' 42.609 W
5,750.0	4.15	29.83	5,747.1	87.0	85.8	408,172.02	558,253.41	32° 7' 19.349 N	104° 8' 42.599 W
5,775.0	4.36	29.73	5,772.0	88.6	86.7	408,173.63	558,254.33	32° 7' 19.365 N	104° 8' 42.588 W
5,800.0	4.52	29.18	5,796.9	90.3	87.7	408,175.32	558,255.28	32° 7' 19.382 N	104° 8' 42.577 W
5,825.0	4.30	30.73	5,821.8	92.0	88.6	408,176.98	558,256.24	32° 7' 19.398 N	104° 8' 42.566 W

Survey Report - Geographic

Company:	NORTHERN DELAWARE BASIN	Local Co-ordinate Reference:	Well DAISY 24 STATE COM #504H
Project:	EDDY COUNTY, NM	TVD Reference:	RKB = 3057.2' + 27' @ 3084.2usft
Site:	ATLAS	MD Reference:	RKB = 3057.2' + 27' @ 3084.2usft
Well:	DAISY 24 STATE COM #504H	North Reference:	Grid
Wellbore:	OWB	Survey Calculation Method:	Minimum Curvature
Design:	AWP	Database:	EDM_Users

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude
5,850.0	4.10	30.54	5,846.8	93.6	89.6	408,178.56	558,257.18	32° 7' 19.414 N	104° 8' 42.555 W
5,875.0	4.05	31.58	5,871.7	95.1	90.5	408,180.08	558,258.09	32° 7' 19.429 N	104° 8' 42.544 W
5,900.0	3.99	33.57	5,896.6	96.6	91.4	408,181.56	558,259.04	32° 7' 19.444 N	104° 8' 42.533 W
5,925.0	3.86	34.32	5,921.6	98.0	92.4	408,182.98	558,259.99	32° 7' 19.458 N	104° 8' 42.522 W
5,950.0	3.61	36.77	5,946.5	99.3	93.3	408,184.30	558,260.94	32° 7' 19.471 N	104° 8' 42.511 W
5,975.0	3.21	38.34	5,971.5	100.5	94.2	408,185.48	558,261.84	32° 7' 19.482 N	104° 8' 42.501 W
6,000.0	2.59	42.38	5,996.5	101.4	95.1	408,186.45	558,262.66	32° 7' 19.492 N	104° 8' 42.491 W
6,025.0	2.40	45.98	6,021.4	102.2	95.8	408,187.23	558,263.42	32° 7' 19.500 N	104° 8' 42.482 W
6,050.0	2.37	49.25	6,046.4	102.9	96.6	408,187.93	558,264.18	32° 7' 19.507 N	104° 8' 42.473 W
6,075.0	2.40	45.72	6,071.4	103.6	97.3	408,188.63	558,264.95	32° 7' 19.514 N	104° 8' 42.464 W
6,100.0	2.56	40.57	6,096.4	104.4	98.1	408,189.42	558,265.69	32° 7' 19.521 N	104° 8' 42.456 W
6,125.0	3.14	35.87	6,121.3	105.4	98.8	408,190.40	558,266.45	32° 7' 19.531 N	104° 8' 42.447 W
6,150.0	3.12	37.36	6,146.3	106.5	99.7	408,191.50	558,267.27	32° 7' 19.542 N	104° 8' 42.437 W
6,175.0	3.51	33.85	6,171.3	107.7	100.5	408,192.67	558,268.10	32° 7' 19.554 N	104° 8' 42.428 W
6,200.0	3.25	33.21	6,196.2	108.9	101.3	408,193.90	558,268.92	32° 7' 19.566 N	104° 8' 42.418 W
6,225.0	2.76	31.33	6,221.2	110.0	102.0	408,195.01	558,269.62	32° 7' 19.577 N	104° 8' 42.410 W
6,250.0	2.46	29.37	6,246.2	111.0	102.6	408,195.99	558,270.20	32° 7' 19.586 N	104° 8' 42.403 W
6,275.0	2.13	30.28	6,271.1	111.9	103.1	408,196.86	558,270.69	32° 7' 19.595 N	104° 8' 42.397 W
6,300.0	1.65	20.17	6,296.1	112.6	103.4	408,197.60	558,271.05	32° 7' 19.602 N	104° 8' 42.393 W
6,325.0	1.49	14.62	6,321.1	113.3	103.7	408,198.25	558,271.26	32° 7' 19.609 N	104° 8' 42.391 W
6,350.0	1.46	9.52	6,346.1	113.9	103.8	408,198.88	558,271.39	32° 7' 19.615 N	104° 8' 42.389 W
6,375.0	1.68	5.64	6,371.1	114.6	103.9	408,199.56	558,271.48	32° 7' 19.622 N	104° 8' 42.388 W
6,400.0	1.92	359.47	6,396.1	115.3	103.9	408,200.34	558,271.51	32° 7' 19.629 N	104° 8' 42.388 W
6,425.0	2.23	1.32	6,421.1	116.2	103.9	408,201.25	558,271.52	32° 7' 19.638 N	104° 8' 42.388 W
6,450.0	2.21	359.34	6,446.0	117.2	103.9	408,202.22	558,271.53	32° 7' 19.648 N	104° 8' 42.388 W
6,475.0	2.18	356.63	6,471.0	118.2	103.9	408,203.17	558,271.49	32° 7' 19.657 N	104° 8' 42.388 W
6,500.0	2.25	352.23	6,496.0	119.1	103.8	408,204.13	558,271.40	32° 7' 19.667 N	104° 8' 42.389 W
6,525.0	2.29	352.33	6,521.0	120.1	103.7	408,205.11	558,271.27	32° 7' 19.677 N	104° 8' 42.391 W
6,550.0	1.95	357.80	6,546.0	121.0	103.6	408,206.03	558,271.18	32° 7' 19.686 N	104° 8' 42.392 W
6,575.0	1.89	4.53	6,571.0	121.9	103.6	408,206.87	558,271.20	32° 7' 19.694 N	104° 8' 42.391 W
6,600.0	1.58	12.92	6,595.9	122.6	103.7	408,207.62	558,271.31	32° 7' 19.701 N	104° 8' 42.390 W
6,625.0	1.74	17.11	6,620.9	123.3	103.9	408,208.32	558,271.50	32° 7' 19.708 N	104° 8' 42.388 W
6,650.0	1.84	18.40	6,645.9	124.1	104.1	408,209.06	558,271.74	32° 7' 19.716 N	104° 8' 42.385 W
6,675.0	1.86	17.49	6,670.9	124.8	104.4	408,209.83	558,271.98	32° 7' 19.723 N	104° 8' 42.382 W
6,700.0	2.17	17.50	6,695.9	125.7	104.6	408,210.67	558,272.25	32° 7' 19.732 N	104° 8' 42.379 W
6,725.0	2.09	11.40	6,720.9	126.6	104.9	408,211.56	558,272.48	32° 7' 19.740 N	104° 8' 42.376 W
6,750.0	1.92	3.86	6,745.9	127.4	105.0	408,212.43	558,272.60	32° 7' 19.749 N	104° 8' 42.375 W
6,775.0	1.95	356.80	6,770.8	128.3	105.0	408,213.27	558,272.60	32° 7' 19.757 N	104° 8' 42.375 W
6,800.0	2.02	346.34	6,795.8	129.1	104.9	408,214.12	558,272.48	32° 7' 19.766 N	104° 8' 42.376 W
6,825.0	2.04	344.38	6,820.8	130.0	104.6	408,214.98	558,272.25	32° 7' 19.774 N	104° 8' 42.379 W
6,850.0	2.07	343.95	6,845.8	130.8	104.4	408,215.84	558,272.01	32° 7' 19.783 N	104° 8' 42.382 W
6,875.0	2.11	342.39	6,870.8	131.7	104.1	408,216.72	558,271.74	32° 7' 19.791 N	104° 8' 42.385 W
6,900.0	1.99	330.10	6,895.8	132.5	103.8	408,217.53	558,271.39	32° 7' 19.799 N	104° 8' 42.389 W
6,925.0	2.10	321.51	6,920.8	133.3	103.3	408,218.27	558,270.89	32° 7' 19.807 N	104° 8' 42.395 W
6,950.0	2.15	315.61	6,945.7	134.0	102.7	408,218.96	558,270.27	32° 7' 19.814 N	104° 8' 42.402 W
6,975.0	2.02	306.90	6,970.7	134.6	102.0	408,219.56	558,269.59	32° 7' 19.820 N	104° 8' 42.410 W
7,000.0	1.84	307.63	6,995.7	135.1	101.3	408,220.07	558,268.92	32° 7' 19.825 N	104° 8' 42.418 W
7,025.0	1.75	309.61	7,020.7	135.6	100.7	408,220.56	558,268.31	32° 7' 19.829 N	104° 8' 42.425 W
7,050.0	1.70	312.12	7,045.7	136.1	100.1	408,221.05	558,267.74	32° 7' 19.834 N	104° 8' 42.431 W
7,066.7	1.48	313.75	7,062.4	136.4	99.8	408,221.36	558,267.40	32° 7' 19.837 N	104° 8' 42.435 W
7,121.0	1.32	331.63	7,116.7	137.4	99.0	408,222.40	558,266.60	32° 7' 19.848 N	104° 8' 42.445 W
7,153.0	1.33	341.43	7,148.7	138.1	98.7	408,223.08	558,266.31	32° 7' 19.854 N	104° 8' 42.448 W
7,215.0	1.43	166.89	7,210.6	138.0	98.6	408,223.00	558,266.25	32° 7' 19.854 N	104° 8' 42.449 W
7,247.0	5.42	166.04	7,242.6	136.1	99.1	408,221.15	558,266.71	32° 7' 19.835 N	104° 8' 42.443 W
7,309.0	14.19	154.81	7,303.6	126.4	103.1	408,211.41	558,270.66	32° 7' 19.739 N	104° 8' 42.398 W

Survey Report - Geographic

Company:	NORTHERN DELAWARE BASIN	Local Co-ordinate Reference:	Well DAISY 24 STATE COM #504H
Project:	EDDY COUNTY, NM	TVD Reference:	RKB = 3057.2' + 27' @ 3084.2usft
Site:	ATLAS	MD Reference:	RKB = 3057.2' + 27' @ 3084.2usft
Well:	DAISY 24 STATE COM #504H	North Reference:	Grid
Wellbore:	OWB	Survey Calculation Method:	Minimum Curvature
Design:	AWP	Database:	EDM_Users

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude
7,356.0	20.43	152.18	7,348.5	113.9	109.3	408,198.93	558,276.94	32° 7' 19.615 N	104° 8' 42.325 W
7,403.0	23.36	149.99	7,392.1	98.6	117.8	408,183.60	558,285.43	32° 7' 19.463 N	104° 8' 42.226 W
7,450.0	27.15	150.72	7,434.6	81.2	127.7	408,166.17	558,295.34	32° 7' 19.291 N	104° 8' 42.111 W
7,497.0	31.84	154.97	7,475.5	60.6	138.2	408,145.57	558,305.84	32° 7' 19.087 N	104° 8' 41.990 W
7,559.0	38.39	160.81	7,526.2	27.5	151.5	408,112.53	558,319.10	32° 7' 18.759 N	104° 8' 41.836 W
7,591.0	40.43	164.44	7,550.9	8.1	157.6	408,093.14	558,325.15	32° 7' 18.568 N	104° 8' 41.766 W
7,638.0	43.16	167.11	7,585.9	-22.2	165.2	408,062.78	558,332.83	32° 7' 18.267 N	104° 8' 41.678 W
7,685.0	47.58	168.43	7,619.0	-54.9	172.3	408,030.10	558,339.90	32° 7' 17.943 N	104° 8' 41.596 W
7,732.0	51.63	169.33	7,649.4	-90.0	179.2	407,994.99	558,346.79	32° 7' 17.596 N	104° 8' 41.517 W
7,778.0	55.69	168.96	7,676.7	-126.4	186.2	407,958.60	558,353.77	32° 7' 17.236 N	104° 8' 41.436 W
7,825.0	58.69	169.81	7,702.1	-165.2	193.4	407,919.78	558,361.04	32° 7' 16.851 N	104° 8' 41.352 W
7,872.0	63.11	170.34	7,725.0	-205.7	200.5	407,879.34	558,368.12	32° 7' 16.451 N	104° 8' 41.271 W
7,904.0	66.12	170.04	7,738.7	-234.1	205.4	407,850.85	558,373.04	32° 7' 16.169 N	104° 8' 41.214 W
7,966.0	71.56	169.24	7,761.1	-291.0	215.8	407,794.00	558,383.44	32° 7' 15.606 N	104° 8' 41.095 W
8,029.0	77.38	167.74	7,777.9	-350.4	228.0	407,734.55	558,395.56	32° 7' 15.017 N	104° 8' 40.955 W
8,060.0	78.52	167.22	7,784.4	-380.0	234.5	407,704.96	558,402.13	32° 7' 14.724 N	104° 8' 40.879 W
8,123.0	83.85	169.51	7,794.1	-441.0	247.1	407,644.00	558,414.68	32° 7' 14.121 N	104° 8' 40.734 W
8,154.0	86.30	170.50	7,796.7	-471.4	252.4	407,613.59	558,420.03	32° 7' 13.820 N	104° 8' 40.673 W
8,189.0	86.94	170.81	7,798.8	-505.9	258.1	407,579.11	558,425.71	32° 7' 13.479 N	104° 8' 40.607 W
8,283.0	88.77	171.91	7,802.3	-598.7	272.2	407,486.25	558,439.82	32° 7' 12.559 N	104° 8' 40.445 W
8,377.0	89.05	174.78	7,804.1	-692.1	283.1	407,392.91	558,450.71	32° 7' 11.636 N	104° 8' 40.321 W
8,471.0	89.22	175.06	7,805.5	-785.7	291.4	407,299.29	558,459.03	32° 7' 10.709 N	104° 8' 40.226 W
8,564.0	88.79	177.05	7,807.1	-878.5	297.8	407,206.53	558,465.43	32° 7' 9.791 N	104° 8' 40.153 W
8,658.0	88.77	177.00	7,809.1	-972.3	302.7	407,112.68	558,470.31	32° 7' 8.862 N	104° 8' 40.098 W
8,752.0	88.04	176.69	7,811.7	-1,066.1	307.9	407,018.86	558,475.48	32° 7' 7.933 N	104° 8' 40.040 W
8,846.0	87.37	176.42	7,815.5	-1,159.9	313.5	406,925.10	558,481.12	32° 7' 7.005 N	104° 8' 39.976 W
8,940.0	89.24	178.45	7,818.3	-1,253.8	317.7	406,831.25	558,485.32	32° 7' 6.076 N	104° 8' 39.930 W
9,033.0	89.47	178.67	7,819.3	-1,346.7	320.1	406,738.28	558,487.66	32° 7' 5.156 N	104° 8' 39.904 W
9,127.0	89.30	178.72	7,820.3	-1,440.7	322.2	406,644.31	558,489.80	32° 7' 4.226 N	104° 8' 39.881 W
9,221.0	89.13	178.71	7,821.6	-1,534.7	324.3	406,550.35	558,491.91	32° 7' 3.296 N	104° 8' 39.859 W
9,315.0	89.80	180.01	7,822.5	-1,628.6	325.4	406,456.36	558,492.96	32° 7' 2.366 N	104° 8' 39.848 W
9,409.0	89.89	180.28	7,822.8	-1,722.6	325.1	406,362.36	558,492.72	32° 7' 1.436 N	104° 8' 39.853 W
9,503.0	89.61	179.82	7,823.2	-1,816.6	325.0	406,268.36	558,492.64	32° 7' 0.506 N	104° 8' 39.856 W
9,596.0	89.89	180.11	7,823.6	-1,909.6	325.1	406,175.36	558,492.70	32° 6' 59.585 N	104° 8' 39.857 W
9,690.0	89.86	179.96	7,823.8	-2,003.6	325.0	406,081.36	558,492.64	32° 6' 58.655 N	104° 8' 39.860 W
9,784.0	90.70	180.41	7,823.3	-2,097.6	324.7	405,987.36	558,492.34	32° 6' 57.725 N	104° 8' 39.865 W
9,878.0	89.19	181.15	7,823.4	-2,191.6	323.5	405,893.38	558,491.06	32° 6' 56.795 N	104° 8' 39.882 W
9,971.0	89.89	181.24	7,824.2	-2,284.6	321.5	405,800.40	558,489.12	32° 6' 55.875 N	104° 8' 39.906 W
10,065.0	88.68	180.36	7,825.3	-2,378.6	320.2	405,706.42	558,487.80	32° 6' 54.944 N	104° 8' 39.924 W
10,159.0	89.72	181.33	7,826.6	-2,472.6	318.8	405,612.44	558,486.42	32° 6' 54.014 N	104° 8' 39.942 W
10,253.0	89.50	179.86	7,827.3	-2,566.5	317.8	405,518.45	558,485.44	32° 6' 53.084 N	104° 8' 39.955 W
10,347.0	87.62	179.28	7,829.6	-2,660.5	318.5	405,424.49	558,486.15	32° 6' 52.154 N	104° 8' 39.949 W
10,441.0	87.31	179.23	7,833.8	-2,754.4	319.8	405,330.59	558,487.37	32° 6' 51.225 N	104° 8' 39.936 W
10,535.0	89.58	178.21	7,836.4	-2,848.3	321.9	405,236.65	558,489.47	32° 6' 50.295 N	104° 8' 39.914 W
10,629.0	89.72	178.46	7,836.9	-2,942.3	324.6	405,142.69	558,492.20	32° 6' 49.366 N	104° 8' 39.884 W
10,722.0	89.80	178.56	7,837.3	-3,035.3	327.0	405,049.73	558,494.62	32° 6' 48.445 N	104° 8' 39.858 W
10,816.0	89.72	178.23	7,837.7	-3,129.2	329.6	404,955.76	558,497.25	32° 6' 47.515 N	104° 8' 39.829 W
10,910.0	90.59	178.49	7,837.5	-3,223.2	332.3	404,861.80	558,499.94	32° 6' 46.586 N	104° 8' 39.800 W
11,004.0	90.73	178.19	7,836.4	-3,317.1	335.1	404,767.85	558,502.66	32° 6' 45.656 N	104° 8' 39.770 W
11,098.0	90.78	178.33	7,835.1	-3,411.1	337.9	404,673.90	558,505.52	32° 6' 44.726 N	104° 8' 39.739 W
11,192.0	90.78	178.53	7,833.9	-3,505.1	340.5	404,579.95	558,508.09	32° 6' 43.796 N	104° 8' 39.711 W
11,285.0	90.84	178.26	7,832.5	-3,598.0	343.1	404,486.99	558,510.70	32° 6' 42.876 N	104° 8' 39.682 W
11,379.0	90.64	178.37	7,831.3	-3,692.0	345.9	404,393.04	558,513.46	32° 6' 41.946 N	104° 8' 39.652 W
11,473.0	90.45	178.21	7,830.4	-3,785.9	348.7	404,299.09	558,516.26	32° 6' 41.016 N	104° 8' 39.621 W
11,566.0	90.00	177.23	7,830.1	-3,878.8	352.4	404,206.16	558,519.96	32° 6' 40.097 N	104° 8' 39.580 W

Survey Report - Geographic

Company:	NORTHERN DELAWARE BASIN	Local Co-ordinate Reference:	Well DAISY 24 STATE COM #504H
Project:	EDDY COUNTY, NM	TVD Reference:	RKB = 3057.2' + 27' @ 3084.2usft
Site:	ATLAS	MD Reference:	RKB = 3057.2' + 27' @ 3084.2usft
Well:	DAISY 24 STATE COM #504H	North Reference:	Grid
Wellbore:	OWB	Survey Calculation Method:	Minimum Curvature
Design:	AWP	Database:	EDM_Users

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude
11,660.0	91.15	178.95	7,829.1	-3,972.8	355.5	404,112.22	558,523.10	32° 6' 39.167 N	104° 8' 39.546 W
11,754.0	90.76	178.54	7,827.6	-4,066.7	357.6	404,018.26	558,525.16	32° 6' 38.237 N	104° 8' 39.524 W
11,847.0	90.00	180.89	7,826.9	-4,159.7	358.0	403,925.27	558,525.62	32° 6' 37.317 N	104° 8' 39.520 W
11,941.0	90.11	181.13	7,826.8	-4,253.7	356.4	403,831.29	558,523.96	32° 6' 36.387 N	104° 8' 39.541 W
12,035.0	89.89	181.09	7,826.8	-4,347.7	354.5	403,737.30	558,522.14	32° 6' 35.457 N	104° 8' 39.564 W
12,129.0	89.78	180.82	7,827.1	-4,441.7	353.0	403,643.32	558,520.57	32° 6' 34.526 N	104° 8' 39.585 W
12,222.0	89.30	180.83	7,827.9	-4,534.7	351.6	403,550.33	558,519.23	32° 6' 33.606 N	104° 8' 39.602 W
12,315.0	90.03	180.06	7,828.4	-4,627.7	350.9	403,457.34	558,518.51	32° 6' 32.686 N	104° 8' 39.612 W
12,409.0	90.11	180.35	7,828.3	-4,721.7	350.6	403,363.34	558,518.18	32° 6' 31.756 N	104° 8' 39.618 W
12,502.0	90.03	179.77	7,828.2	-4,814.7	350.5	403,270.34	558,518.08	32° 6' 30.835 N	104° 8' 39.621 W
12,595.0	89.92	180.27	7,828.2	-4,907.7	350.4	403,177.34	558,518.05	32° 6' 29.915 N	104° 8' 39.624 W
12,689.0	90.00	180.96	7,828.3	-5,001.7	349.4	403,083.34	558,517.04	32° 6' 28.985 N	104° 8' 39.637 W
12,782.0	90.08	181.04	7,828.2	-5,094.6	347.8	402,990.36	558,515.41	32° 6' 28.064 N	104° 8' 39.658 W
12,876.0	89.72	180.51	7,828.4	-5,188.6	346.5	402,896.37	558,514.14	32° 6' 27.134 N	104° 8' 39.675 W
12,970.0	89.69	180.57	7,828.9	-5,282.6	345.7	402,802.37	558,513.26	32° 6' 26.204 N	104° 8' 39.687 W
13,064.0	89.50	180.69	7,829.5	-5,376.6	344.6	402,708.38	558,512.22	32° 6' 25.274 N	104° 8' 39.701 W
13,158.0	89.33	180.40	7,830.5	-5,470.6	343.7	402,614.39	558,511.33	32° 6' 24.344 N	104° 8' 39.713 W
13,252.0	89.41	180.42	7,831.5	-5,564.6	343.1	402,520.40	558,510.66	32° 6' 23.414 N	104° 8' 39.723 W
13,346.0	89.22	180.68	7,832.7	-5,658.6	342.2	402,426.41	558,509.75	32° 6' 22.483 N	104° 8' 39.735 W
13,440.0	88.85	180.74	7,834.2	-5,752.6	341.0	402,332.43	558,508.59	32° 6' 21.553 N	104° 8' 39.751 W
13,534.0	89.08	179.03	7,835.9	-5,846.6	341.2	402,238.45	558,508.78	32° 6' 20.623 N	104° 8' 39.750 W
13,627.0	89.69	179.38	7,836.9	-5,939.5	342.5	402,145.46	558,510.07	32° 6' 19.703 N	104° 8' 39.737 W
13,721.0	89.86	179.16	7,837.3	-6,033.5	343.7	402,051.47	558,511.27	32° 6' 18.773 N	104° 8' 39.725 W
13,815.0	90.03	179.14	7,837.4	-6,127.5	345.1	401,957.48	558,512.66	32° 6' 17.843 N	104° 8' 39.711 W
13,909.0	90.03	179.15	7,837.3	-6,221.5	346.5	401,863.49	558,514.06	32° 6' 16.912 N	104° 8' 39.697 W
14,003.0	90.42	179.70	7,837.0	-6,315.5	347.4	401,769.50	558,515.01	32° 6' 15.982 N	104° 8' 39.688 W
14,097.0	90.70	179.72	7,836.1	-6,409.5	347.9	401,675.50	558,515.48	32° 6' 15.052 N	104° 8' 39.684 W
14,191.0	90.08	179.55	7,835.4	-6,503.5	348.5	401,581.51	558,516.08	32° 6' 14.122 N	104° 8' 39.679 W
14,269.0	90.14	179.78	7,835.3	-6,581.5	348.9	401,503.51	558,516.54	32° 6' 13.350 N	104° 8' 39.675 W
14,363.0	90.48	179.65	7,834.8	-6,675.5	349.4	401,409.51	558,517.01	32° 6' 12.420 N	104° 8' 39.672 W
14,457.0	90.48	180.11	7,834.0	-6,769.5	349.6	401,315.52	558,517.20	32° 6' 11.489 N	104° 8' 39.671 W
14,551.0	90.14	179.13	7,833.5	-6,863.5	350.2	401,221.52	558,517.83	32° 6' 10.559 N	104° 8' 39.666 W
14,645.0	90.08	179.17	7,833.3	-6,957.5	351.6	401,127.53	558,519.22	32° 6' 9.629 N	104° 8' 39.652 W
14,739.0	89.92	179.10	7,833.3	-7,051.5	353.0	401,033.54	558,520.64	32° 6' 8.699 N	104° 8' 39.637 W
14,833.0	89.94	178.41	7,833.4	-7,145.4	355.1	400,939.57	558,522.68	32° 6' 7.769 N	104° 8' 39.615 W
14,926.0	91.06	180.25	7,832.6	-7,238.4	356.2	400,846.58	558,523.77	32° 6' 6.848 N	104° 8' 39.604 W
15,020.0	90.81	181.08	7,831.0	-7,332.4	355.1	400,752.60	558,522.68	32° 6' 5.918 N	104° 8' 39.619 W
15,114.0	90.90	181.24	7,829.6	-7,426.4	353.2	400,658.63	558,520.78	32° 6' 4.988 N	104° 8' 39.643 W
15,208.0	90.36	180.62	7,828.6	-7,520.3	351.6	400,564.65	558,519.25	32° 6' 4.058 N	104° 8' 39.663 W
15,302.0	90.56	180.44	7,827.9	-7,614.3	350.8	400,470.66	558,518.38	32° 6' 3.128 N	104° 8' 39.675 W
15,396.0	90.78	180.85	7,826.8	-7,708.3	349.7	400,376.67	558,517.32	32° 6' 2.198 N	104° 8' 39.689 W
15,490.0	90.03	180.47	7,826.1	-7,802.3	348.6	400,282.68	558,516.24	32° 6' 1.268 N	104° 8' 39.704 W
15,583.0	91.37	182.32	7,825.0	-7,895.3	346.4	400,189.72	558,513.98	32° 6' 0.348 N	104° 8' 39.732 W
15,676.0	89.89	179.40	7,823.9	-7,988.3	345.0	400,096.75	558,512.58	32° 5' 59.428 N	104° 8' 39.750 W
15,770.0	89.30	178.56	7,824.6	-8,082.2	346.7	400,002.77	558,514.25	32° 5' 58.498 N	104° 8' 39.732 W
15,864.0	89.30	178.44	7,825.7	-8,176.2	349.1	399,908.81	558,516.71	32° 5' 57.568 N	104° 8' 39.706 W
15,957.0	90.42	177.69	7,826.0	-8,269.1	352.3	399,815.86	558,519.85	32° 5' 56.648 N	104° 8' 39.671 W
16,051.0	92.69	177.47	7,823.4	-8,363.0	356.2	399,721.99	558,523.82	32° 5' 55.719 N	104° 8' 39.627 W
16,145.0	93.05	177.68	7,818.7	-8,456.8	360.2	399,628.19	558,527.79	32° 5' 54.791 N	104° 8' 39.583 W
16,238.0	93.17	177.56	7,813.7	-8,549.6	364.0	399,535.41	558,531.65	32° 5' 53.872 N	104° 8' 39.540 W
16,333.0	93.25	177.68	7,808.4	-8,644.4	368.0	399,440.64	558,535.59	32° 5' 52.934 N	104° 8' 39.496 W
16,426.0	91.91	178.48	7,804.2	-8,737.2	371.1	399,347.79	558,538.70	32° 5' 52.015 N	104° 8' 39.461 W
16,521.0	91.91	178.68	7,801.0	-8,832.1	373.5	399,252.87	558,541.05	32° 5' 51.076 N	104° 8' 39.436 W
16,614.0	90.14	179.06	7,799.3	-8,925.1	375.3	399,159.90	558,542.89	32° 5' 50.156 N	104° 8' 39.417 W
16,708.0	89.92	179.06	7,799.3	-9,019.1	376.8	399,065.92	558,544.43	32° 5' 49.226 N	104° 8' 39.401 W

Survey Report - Geographic

Company:	NORTHERN DELAWARE BASIN	Local Co-ordinate Reference:	Well DAISY 24 STATE COM #504H
Project:	EDDY COUNTY, NM	TVD Reference:	RKB = 3057.2' + 27' @ 3084.2usft
Site:	ATLAS	MD Reference:	RKB = 3057.2' + 27' @ 3084.2usft
Well:	DAISY 24 STATE COM #504H	North Reference:	Grid
Wellbore:	OWB	Survey Calculation Method:	Minimum Curvature
Design:	AWP	Database:	EDM_Users

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude
16,802.0	89.86	179.12	7,799.5	-9,113.1	378.3	398,971.93	558,545.92	32° 5' 48.295 N	104° 8' 39.385 W
16,896.0	90.73	179.04	7,799.0	-9,207.1	379.8	398,877.94	558,547.43	32° 5' 47.365 N	104° 8' 39.370 W
16,990.0	91.01	179.22	7,797.6	-9,301.0	381.3	398,783.96	558,548.86	32° 5' 46.435 N	104° 8' 39.355 W
17,083.0	91.18	179.45	7,795.8	-9,394.0	382.3	398,690.99	558,549.94	32° 5' 45.515 N	104° 8' 39.344 W
17,177.0	91.01	179.65	7,794.0	-9,488.0	383.1	398,597.01	558,550.68	32° 5' 44.585 N	104° 8' 39.338 W
17,271.0	91.26	179.54	7,792.1	-9,582.0	383.7	398,503.03	558,551.34	32° 5' 43.655 N	104° 8' 39.332 W
17,365.0	91.12	179.23	7,790.2	-9,675.9	384.7	398,409.06	558,552.35	32° 5' 42.725 N	104° 8' 39.322 W
17,459.0	91.29	179.52	7,788.2	-9,769.9	385.8	398,315.08	558,553.37	32° 5' 41.795 N	104° 8' 39.312 W
17,553.0	90.64	179.23	7,786.6	-9,863.9	386.8	398,221.10	558,554.40	32° 5' 40.865 N	104° 8' 39.302 W
17,646.0	90.76	179.15	7,785.5	-9,956.9	388.1	398,128.12	558,555.71	32° 5' 39.945 N	104° 8' 39.289 W
17,740.0	90.73	179.08	7,784.3	-10,050.9	389.6	398,034.14	558,557.17	32° 5' 39.014 N	104° 8' 39.274 W
17,834.0	90.87	178.89	7,782.9	-10,144.8	391.2	397,940.16	558,558.83	32° 5' 38.084 N	104° 8' 39.256 W
17,904.0	91.12	178.79	7,781.7	-10,214.8	392.6	397,870.19	558,560.25	32° 5' 37.392 N	104° 8' 39.241 W
17,971.0	91.12	178.79	7,780.4	-10,281.8	394.1	397,803.21	558,561.66	32° 5' 36.729 N	104° 8' 39.226 W

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									
PBHL (DAISY 24 STA	0.79	359.49	7,776.0	-10,282.4	393.9	397,802.60	558,561.50	32° 5' 36.723 N	104° 8' 39.228 W
- actual wellpath misses target center by 4.5usft at 17971.0usft MD (7780.4 TVD, -10281.8 N, 394.1 E)									
- Point									
LTP (DAISY 24 STAT	0.00	0.01	7,776.0	-10,233.2	393.5	397,851.80	558,561.10	32° 5' 37.210 N	104° 8' 39.232 W
- actual wellpath misses target center by 19.3usft at 17904.0usft MD (7781.7 TVD, -10214.8 N, 392.6 E)									
- Point									
FTP (DAISY 24 STAT	0.00	0.00	7,851.0	177.3	309.6	408,262.30	558,477.20	32° 7' 20.239 N	104° 8' 39.995 W
- actual wellpath misses target center by 355.8usft at 7685.0usft MD (7619.0 TVD, -54.9 N, 172.3 E)									
- Circle (radius 50.0)									

Design Annotations				
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
7,121.0	7,116.7	137.4	99.0	First MWD Survey @ 7121'MD
8,003.2	7,771.8	-325.9	222.8	75° INC @ 8003.2'MD / 7771.8'TVD
17,904.0	7,781.7	-10,214.8	392.6	Last MWD Svy @ 17904'MD
17,920.1	7,781.4	-10,230.9	393.0	LTP @ 17920.1'MD / 7781.4'TVD
17,971.0	7,780.4	-10,281.8	394.1	PTB @ 17971'MD / 7780'TVD

Checked By: _____	Approved By: _____	Date: _____
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