



PHOENIX
TECHNOLOGY SERVICES

June 6, 2018

Oil Conservation Division
State of New Mexico
811 S. First St.
Artesia, New Mexico 88210

Dear District 2 - Artesia

Re: Delaware Energy
Hood SWD No. 1
Eddy Co., New Mexico
API #30-015-44851
Job No. 62913

RECEIVED

JUN 18 2018

DISTRICT II-ARTESIA O.C.D.

Enclosed please find the Survey Data Certification, and the original Plat and one copy of the Survey Report performed on the above referenced Well by Phoenix Technology Services, Inc. (P-5 No. 606018). Other information required by your office is as follows:

Name & Title of Surveyor	Drainhole Number	Surveyed Depths		Dates Performed		Type of Survey
		From	To	Start	End	
Oscar Velasquez	1	0	495	5/31/18	5/31/18	Gyro

A certified plat on which the bottom hole location is oriented both to the surface location and to the lease lines (or unit lines in case of pooling) is attached to the survey report. If any other information is required, please contact the undersigned at the letterhead address and phone number.

Best Regards,

Brittany Carley

Brittany Carley
Operations Administrator

SURVEY CERTIFICATION FORM

3610 Elkins Road Midland, TX 79705 t:432-684-0057 f: 432-686-7964



Company: Delaware Energy

Job #: 62913

Well Name: Hood SWD No.1

County/State: Eddy Co. New Mexico

Survey Instrument Type: North Seek Rate Gyro

API # 30-015-44851

TIE-IN DATA

Measure Depth (ft)	Vertical Depth (ft)	Inclination (°)	Azimuth (°)	N-S Coordinates	E-W Coordinates	Data Source
0	0	0	0	0	0	Surface

First Survey

Date	Depth (ft)	Inclination (°)	Azimuth (°)
2018-05-31	0	0	0

Last Survey

Date	Depth (ft)	Inclination (°)	Azimuth (°)
2018-05-31	495	1.14	218.63

Projected TD Survey

Date	Depth (ft)	Inclination (°)	Azimuth (°)
0	0	0	0

Grid Correction
-0.05

Gyro Operator: Phoenix Technology Services USA Ltd.

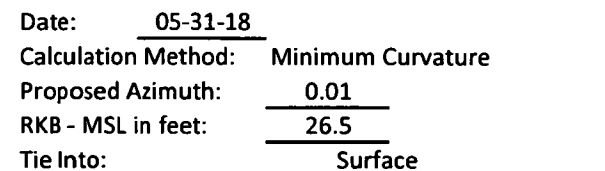
Gyro Supervisor: Angel Guebara

To the best of my knowledge I certify this survey data to be correct and true

Date: 2018-05-31

Print Name: Oscar Velasquez

Signature: Oscar Velasquez

[illegible]

NM OIL CONSERVATION
ARTESIA DISTRICT

MAR 26 2011

Form C-102
Revised August 1, 2011

DISTRICT I
1825 N. French Dr., Hobbs, NM 88240
Phone (575) 833-8181 Fax (575) 833-8720

DISTRICT II
811 S. First St., Artesia, NM 88210
Phone (505) 748-1225 Fax (505) 748-8720

DISTRICT III
1900 Rio Brazos Rd., Artesia, NM 87410
Phone (505) 834-8175 Fax (505) 834-8170

DISTRICT IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone (505) 478-3450 Fax (505) 478-3450

State of New Mexico
Energy, Minerals and Natural Resources Department

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

RECEIVED Submit one copy to appropriate District Office

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number 30-015-44851	Pool Code 96101	Pool Name SWD; DEVONIAN
Property Code 321152	Property Name HOOD SWD	Well Number 1
OGRID No. 371195	Operator Name DELAWARE ENERGY	Elevation 3216'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
1	13	24 S	26 E		1980	SOUTH	330	EAST	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

Dedicated Acres	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

Surface Location Lat - N 32.215389° Long - W 104.238009° NAD83 N 442098.1 E 570508.5 (NAD-83) Surface Location Lat - N 32.215389° Long - W 104.238009° NAD83 N 442098.1 E 570508.5 (NAD-83)	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 undivided 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. <i>Sarah Presley</i> 3.21.18 Signature Date Sarah Presley Printed Name s.presley@delawareenergy.com Email 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. FEBRUARY 07 2018 Date Surveyed <i>[Signature]</i> Signature of Professional Surveyor 7977 Certificate Number 7977 BASIN NUMBER
	Scale: 0' 500' 1000' 1500' 2000' SCALE: 1" = 1000' WO Num.: 33480
	Coordinates: N: 442769.0 E: 570835.8 (NAD83) Coordinates: N: 440139.9 E: 568213.5 (NAD83) Coordinates: N: 440118.8 E: 570834.1 (NAD83)