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District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources
Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-104
Revised August 1, 2011

Submit one copy to appropriate District Office

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator name and Address Advance Energy Partners Hat Mesa, LLC 11490 Westheimer RD, Suite 950 Houston, TX		² OGRID Number 372417
		³ Reason for Filing Code/ Effective Date NW
⁴ API Number 30-025-46664	⁵ Pool Name WC-025 G-06 S213326D; BONE SPRING	⁶ Pool Code 97929
⁷ Property Code 319603	⁸ Property Name Merchant State Unit	⁹ Well Number 606H

II. ¹⁰ Surface Location

Ul or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West line	County
A	35	21S	33E		100	NORTH	644	EAST	Lea

¹¹ Bottom Hole Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	2	22S	33E		50	SOUTH	309	EAST	Lea
¹² Lse Code S	¹³ Producing Method Code F	¹⁴ Gas Connection Date	¹⁵ C-129 Permit Number	¹⁶ C-129 Effective Date	¹⁷ C-129 Expiration Date				

III. Oil and Gas Transporters

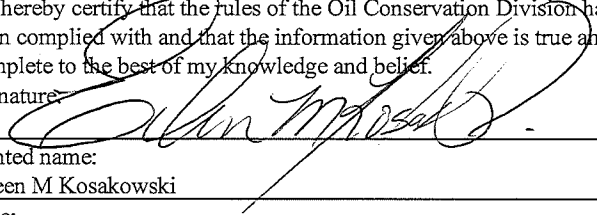
¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ O/G/W
214984	Plains Marketing, L.P. 10 Desta Drive, Suite 200E Midland, TX 79705	O
018180	Versado Gas Processors, LLC 1000 Louisiana, Suite 4300 Houston, TX 77022	G

IV. Well Completion Data

²¹ Spud Date 12/31/2019	²² Ready Date 01/06/2021	²³ TD 22,170	²⁴ PBTB 22,078	²⁵ Perforations 12,229-22,064'	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
17.5"	13.375"	1780	830		
12.25"	9.625"	5263/3875	1330 1260		
8.5"	5.5"	22,170 22152	3145 3135		

V. Well Test Data

³¹ Date New Oil 01/07/2021	³² Gas Delivery Date 01/07/2021	³³ Test Date 01/21/2021	³⁴ Test Length 24 Hrs	³⁵ Tbg. Pressure 1050	³⁶ Csg. Pressure 775
³⁷ Choke Size 60	³⁸ Oil 1270	³⁹ Water 5630	⁴⁰ Gas 1476		⁴¹ Test Method Flowing

⁴² I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief. Signature: 	OIL CONSERVATION DIVISION Approved by: PATRICIA MARTINEZ Title: PETROLEUM SPECIALIST Approval Date: 7/25/2024
Printed name: Eileen M Kosakowski Title: Sr. Eng. Tech. E-mail Address: ekosakowski@advanceenergypartners.com Date: 2/17/22	Phone: 832-672-4604

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DISTRICT I

1625 N. French Dr., Hobbs, NM 88240
Phone (505) 393-8161 Fax: (505) 393-0720

DISTRICT II

811 S. First St., Artesia, NM 88210
Phone (505) 748-1283 Fax: (505) 748-0720

DISTRICT III

1000 Rio Brazos Rd., Aztec, NM 87410
Phone (505) 334-8178 Fax: (505) 334-8170

DISTRICT IV

1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone (505) 478-3460 Fax: (505) 478-3482State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

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

Form C-102

Revised August 4, 2011

Submit one copy to appropriate
District Office

WELL LOCATION AND ACREAGE DEDICATION PLAT

☒ AMENDED REPORT
As Drilled

API Number 30-025-46664	Pool Code 97929	Pool Name WC-025 G-06 S213326D; BONE SPRING
Property Code 319603	Property Name MERCHANT STATE UNIT	Well Number 606H
GRID No. 372417	Operator Name ADVANCE ENERGY PARTNERS HAT MESA	Elevation 3657'

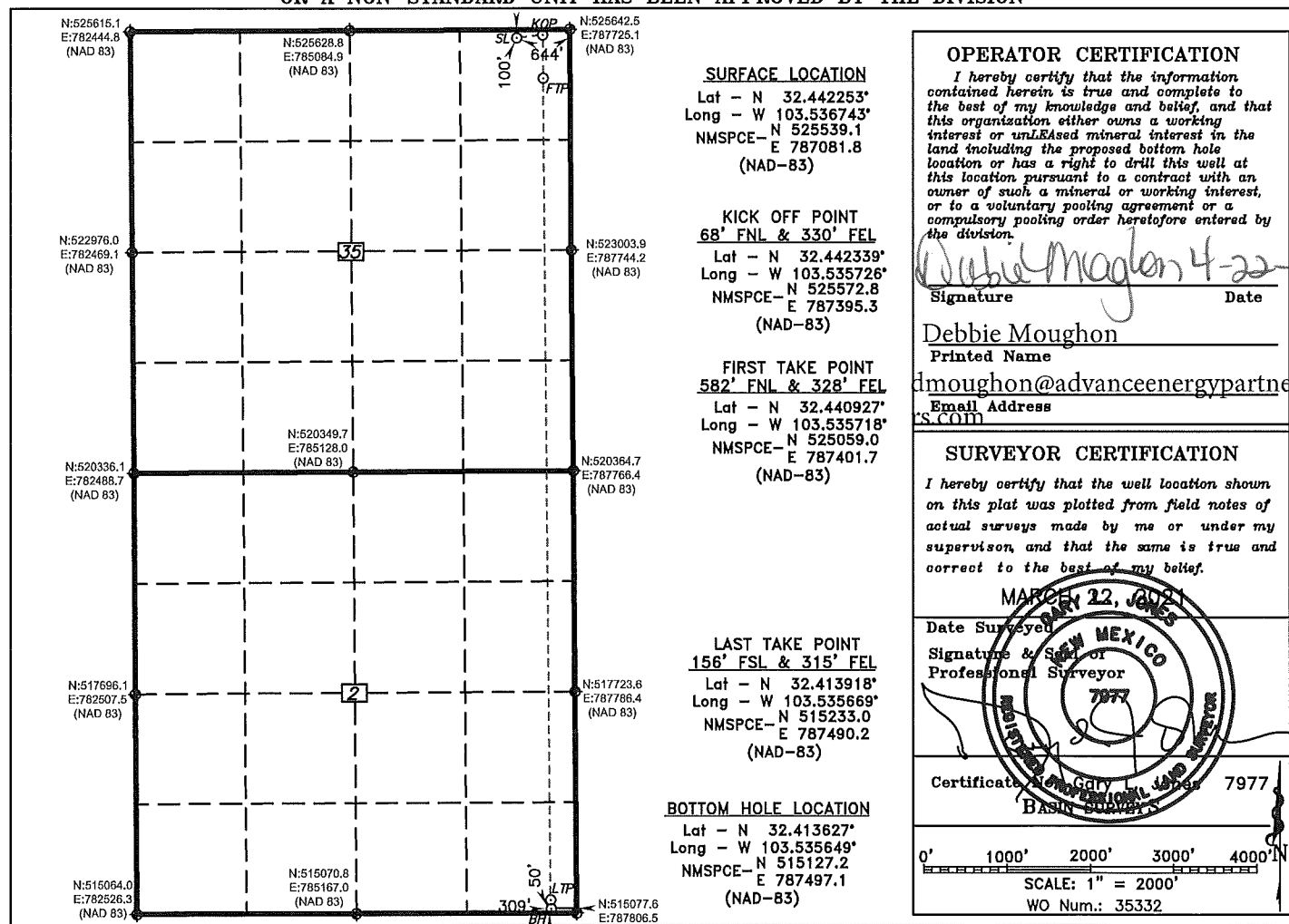
Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	SOUTH/South line	Feet from the	East/West line	County
A	35	21 S	33 E		100	NORTH	644	EAST	LEA

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	SOUTH/South line	Feet from the	East/West line	County
P	2	22 S	33 E		50	SOUTH	309	EAST	LEA

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

Advance Energy Partners, LLC

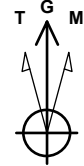
Merchant State Unit 606H
Lea County, New Mexico
Job No. WT-19-191
H&P 620
Plan 2.0 Final PVA



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SITE DETAILS: Merchant State Unit 606H	
Site Centre Northing:	525539.10
Easting:	787081.80
Positional Uncertainty:	0.00
Convergence:	0.43
Local North:	Grid

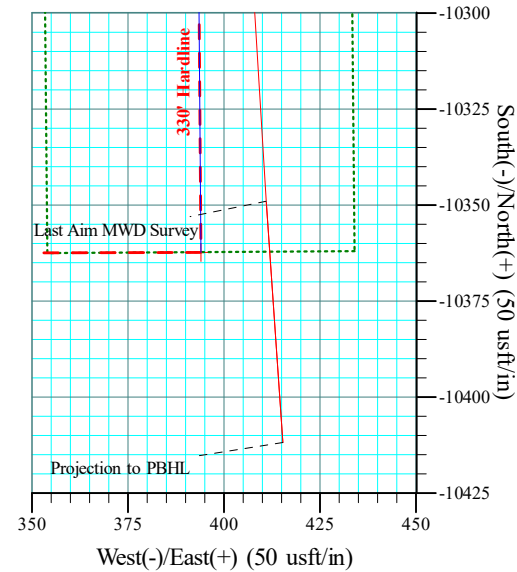


Azinuths to Grid North
True North: -0.43°
Magnetic North: 6.14°

Magnetic Field
Strength: 48027.2nT
Dip Angle: 60.19°
Date: 1/17/2020
Model: MVHD

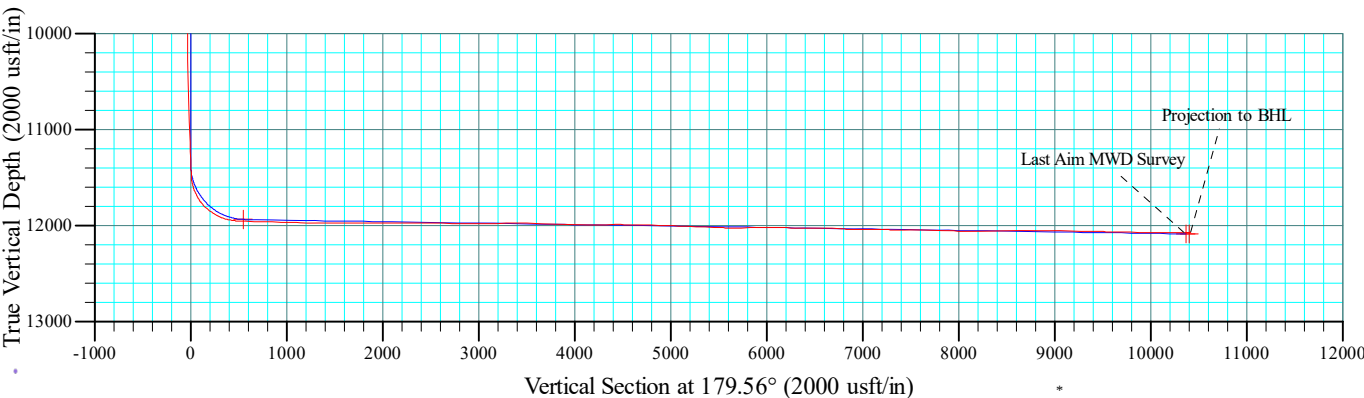
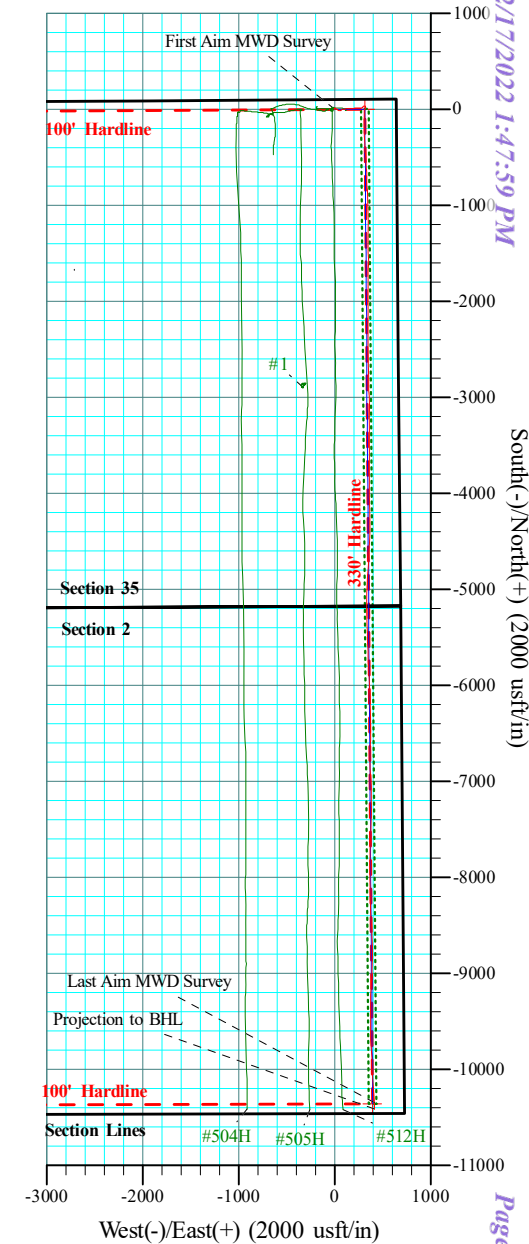
Magnetic North: 6.14° to Grid North

PROJECT DETAILS: Lea County, New Mexico	
Geodetic System:	US State Plane 1983
Datum:	North American Datum 1983
Ellipsoid:	GRS 1980
Zone:	New Mexico Eastern Zone
System Datum:	Mean Sea Level
Depth Reference:	3657'GL+26.5'KB @ 3683.50usft (H&P 620)



SECTION DETAILS											
Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	Vsect	Annotation	
1	22107.00	88.40	176.12	12077.83	-10349.09	410.99	0.00	0.00	10351.95	Last Aim MWD Survey	
2	22170.00	88.40	176.12	12079.59	-10411.93	415.25	0.00	0.00	10414.81	Projection to PBHL	

DESIGN TARGET DETAILS							
Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
FTP (Merchant606H)	0.00	1.70	314.00	525540.80	787395.80	32° 26' 32.104 N	103° 32' 8.610 W
PBHL r2 (Merchant606H)	12088.84	-10362.40	393.90	515176.70	787475.70	32° 24' 49.548 N	103° 32' 8.581 W



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South(-)/North(+) (2000 usft/in)

Page 3 of 4

Aim Directional Services, LLC

Survey Report

Company:	Advance Energy Partners, LLC	Local Co-ordinate Reference:	Site Merchant State Unit 606H
Project:	Lea County, New Mexico	TVD Reference:	3657'GL+26.5'KB @ 3683.50usft (H&P 620)
Site:	Merchant State Unit 606H	MD Reference:	3657'GL+26.5'KB @ 3683.50usft (H&P 620)
Well:	#606H	North Reference:	Grid
Wellbore:	Aim MWD Surveys	Survey Calculation Method:	Minimum Curvature
Design:	Aim MWD Surveys	Database:	EDM 5000.1 Aim Database

Project	Lea County, New Mexico		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	New Mexico Eastern Zone		

Site	Merchant State Unit 606H		
Site Position:		Northing:	525,539.10 usft
From:	Map	Easting:	787,081.80 usft
Position Uncertainty:	0.00 usft	Slot Radius:	13-3/16 "
		Latitude:	32° 26' 32.110 N
		Longitude:	103° 32' 12.274 W
		Grid Convergence:	0.43 °

Well	#606H - Slot 606H		
Well Position	+N/-S	0.00 usft	Northing: 525,539.10 usft
	+E/-W	0.00 usft	Easting: 787,081.80 usft
Position Uncertainty	0.00 usft	Wellhead Elevation:	usft
		Latitude:	32° 26' 32.110 N
		Longitude:	103° 32' 12.274 W
		Ground Level:	3,657.00 usft

Wellbore	Aim MWD Surveys				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	MVHD	12/27/2019	6.57	60.20	48,033.48583982

Design	Aim MWD Surveys				
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	179.56	

Survey Program	Date	2/3/2020			
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description	
196.00	22,170.00	Aim MWD Survey (Aim MWD Surveys)	B001Mb_MWD+HRGM	OWSG MWD + HRGM	

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)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
196.00	1.10	340.83	195.99	1.78	-0.62	-1.78	0.56	0.56	0.00
First Aim MWD Survey									
318.00	1.05	339.42	317.97	3.93	-1.40	-3.94	0.05	-0.04	-1.16
410.00	0.75	346.10	409.96	5.30	-1.84	-5.32	0.34	-0.33	7.26
502.00	1.01	353.40	501.94	6.69	-2.07	-6.71	0.31	0.28	7.93
596.00	0.88	9.22	595.93	8.23	-2.05	-8.24	0.31	-0.14	16.83
687.00	0.70	27.76	686.92	9.41	-1.68	-9.42	0.34	-0.20	20.37
781.00	0.66	22.40	780.92	10.42	-1.21	-10.43	0.08	-0.04	-5.70
874.00	0.57	47.27	873.91	11.23	-0.67	-11.23	0.30	-0.10	26.74
967.00	0.62	62.65	966.91	11.77	0.12	-11.77	0.18	0.05	16.54

Aim Directional Services, LLC

Survey Report

Company:	Advance Energy Partners, LLC	Local Co-ordinate Reference:	Site Merchant State Unit 606H
Project:	Lea County, New Mexico	TVD Reference:	3657'GL+26.5'KB @ 3683.50usft (H&P 620)
Site:	Merchant State Unit 606H	MD Reference:	3657'GL+26.5'KB @ 3683.50usft (H&P 620)
Well:	#606H	North Reference:	Grid
Wellbore:	Aim MWD Surveys	Survey Calculation Method:	Minimum Curvature
Design:	Aim MWD Surveys	Database:	EDM 5000.1 Aim Database

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)
1,061.00	0.97	75.75	1,060.90	12.20	1.34	-12.19	0.42	0.37	13.94
1,155.00	0.84	87.61	1,154.89	12.43	2.80	-12.41	0.24	-0.14	12.62
1,250.00	0.53	84.10	1,249.88	12.50	3.94	-12.47	0.33	-0.33	-3.69
1,344.00	0.40	54.57	1,343.88	12.74	4.64	-12.70	0.29	-0.14	-31.41
1,438.00	0.31	167.16	1,437.87	12.68	4.96	-12.64	0.63	-0.10	119.78
1,533.00	0.66	187.72	1,532.87	11.89	4.94	-11.85	0.41	0.37	21.64
1,627.00	0.40	182.45	1,626.87	11.02	4.86	-10.98	0.28	-0.28	-5.61
1,722.00	0.57	159.86	1,721.86	10.25	5.01	-10.21	0.27	0.18	-23.78
1,876.00	0.22	132.53	1,875.86	9.33	5.49	-9.29	0.25	-0.23	-17.75
1,971.00	1.05	145.80	1,970.85	8.48	6.11	-8.44	0.88	0.87	13.97
2,065.00	1.67	131.21	2,064.83	6.87	7.63	-6.81	0.75	0.66	-15.52
2,160.00	1.41	125.14	2,159.79	5.28	9.62	-5.21	0.32	-0.27	-6.39
2,254.00	1.49	125.93	2,253.76	3.90	11.56	-3.81	0.09	0.09	0.84
2,442.00	0.97	132.44	2,441.72	1.39	14.71	-1.28	0.29	-0.28	3.46
2,537.00	1.23	126.11	2,536.70	0.25	16.13	-0.13	0.30	0.27	-6.66
2,631.00	0.88	113.72	2,630.68	-0.63	17.61	0.77	0.44	-0.37	-13.18
2,725.00	1.10	111.78	2,724.67	-1.26	19.10	1.41	0.24	0.23	-2.06
2,820.00	0.70	104.49	2,819.66	-1.74	20.51	1.90	0.44	-0.42	-7.67
2,913.00	0.97	108.53	2,912.65	-2.14	21.81	2.30	0.30	0.29	4.34
3,008.00	1.10	118.64	3,007.63	-2.83	23.37	3.01	0.24	0.14	10.64
3,102.00	1.41	124.09	3,101.61	-3.91	25.12	4.10	0.35	0.33	5.80
3,196.00	1.85	115.48	3,195.57	-5.21	27.45	5.42	0.53	0.47	-9.16
3,291.00	2.02	103.26	3,290.52	-6.25	30.46	6.49	0.47	0.18	-12.86
3,385.00	1.54	118.29	3,384.47	-7.23	33.19	7.49	0.71	-0.51	15.99
3,479.00	1.58	120.84	3,478.44	-8.50	35.41	8.77	0.09	0.04	2.71
3,573.00	1.58	121.01	3,572.40	-9.83	37.64	10.12	0.00	0.00	0.18
3,668.00	1.01	122.60	3,667.38	-10.95	39.46	11.26	0.60	-0.60	1.67
3,762.00	1.01	122.77	3,761.36	-11.85	40.86	12.16	0.00	0.00	0.18
3,855.00	0.88	101.77	3,854.35	-12.44	42.25	12.76	0.40	-0.14	-22.58
3,950.00	0.66	108.80	3,949.34	-12.76	43.48	13.10	0.25	-0.23	7.40
4,044.00	0.70	106.25	4,043.34	-13.10	44.54	13.44	0.05	0.04	-2.71
4,138.00	0.70	110.20	4,137.33	-13.46	45.63	13.81	0.05	0.00	4.20
4,327.00	0.40	67.58	4,326.32	-13.60	47.33	13.97	0.26	-0.16	-22.55
4,422.00	1.01	302.95	4,421.32	-13.02	46.93	13.38	1.35	0.64	-131.19
4,516.00	0.48	300.49	4,515.31	-12.37	45.90	12.72	0.56	-0.56	-2.62
4,611.00	0.79	71.53	4,610.31	-11.96	46.17	12.32	1.22	0.33	137.94
4,705.00	1.19	89.72	4,704.29	-11.75	47.76	12.12	0.54	0.43	19.35
4,799.00	0.75	181.22	4,798.28	-12.36	48.73	12.74	1.51	-0.47	97.34
4,894.00	0.70	91.66	4,893.28	-13.00	49.29	13.38	1.08	-0.05	-94.27
5,082.00	0.79	115.39	5,081.26	-13.59	51.61	13.99	0.17	0.05	12.62
5,177.00	0.88	111.96	5,176.25	-14.14	52.88	14.55	0.11	0.09	-3.61
5,212.00	1.01	108.80	5,211.25	-14.34	53.42	14.75	0.40	0.37	-9.03
5,360.00	0.79	110.20	5,359.23	-15.12	55.62	15.54	0.15	-0.15	0.95

Aim Directional Services, LLC

Survey Report

Company:	Advance Energy Partners, LLC	Local Co-ordinate Reference:	Site Merchant State Unit 606H
Project:	Lea County, New Mexico	TVD Reference:	3657'GL+26.5'KB @ 3683.50usft (H&P 620)
Site:	Merchant State Unit 606H	MD Reference:	3657'GL+26.5'KB @ 3683.50usft (H&P 620)
Well:	#606H	North Reference:	Grid
Wellbore:	Aim MWD Surveys	Survey Calculation Method:	Minimum Curvature
Design:	Aim MWD Surveys	Database:	EDM 5000.1 Aim Database

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)	
5,454.00	0.40	98.60	5,453.22	-15.39	56.55	15.82	0.43	-0.41	-12.34	
5,549.00	0.48	109.15	5,548.22	-15.57	57.25	16.01	0.12	0.08	11.11	
5,643.00	0.53	75.05	5,642.22	-15.59	58.04	16.03	0.32	0.05	-36.28	
5,737.00	0.44	76.72	5,736.21	-15.39	58.81	15.84	0.10	-0.10	1.78	
5,832.00	0.40	81.90	5,831.21	-15.26	59.50	15.72	0.06	-0.04	5.45	
5,926.00	0.40	31.98	5,925.21	-14.94	60.00	15.40	0.36	0.00	-53.11	
6,020.00	0.62	16.60	6,019.21	-14.17	60.32	14.63	0.27	0.23	-16.36	
6,118.00	1.93	53.43	6,117.18	-12.68	61.79	13.15	1.51	1.34	37.58	
6,213.00	3.34	54.57	6,212.08	-10.12	65.33	10.62	1.49	1.48	1.20	
6,307.00	3.52	55.10	6,305.91	-6.88	69.93	7.42	0.19	0.19	0.56	
6,401.00	3.38	55.97	6,399.74	-3.68	74.59	4.25	0.16	-0.15	0.93	
6,495.00	3.65	77.77	6,493.57	-1.50	79.81	2.11	1.44	0.29	23.19	
6,589.00	4.18	84.80	6,587.35	-0.55	86.15	1.21	0.76	0.56	7.48	
6,684.00	4.04	82.60	6,682.10	0.19	92.92	0.52	0.22	-0.15	-2.32	
6,778.00	4.31	84.10	6,775.85	0.98	99.71	-0.22	0.31	0.29	1.60	
6,872.00	4.18	82.60	6,869.59	1.79	106.63	-0.97	0.18	-0.14	-1.60	
6,967.00	4.13	85.42	6,964.35	2.51	113.47	-1.63	0.22	-0.05	2.97	
7,061.00	4.31	83.13	7,058.09	3.20	120.35	-2.27	0.26	0.19	-2.44	
7,155.00	3.78	82.87	7,151.86	4.01	126.93	-3.03	0.56	-0.56	-0.28	
7,249.00	3.21	89.46	7,245.68	4.42	132.64	-3.40	0.74	-0.61	7.01	
7,344.00	3.38	91.39	7,340.52	4.37	138.10	-3.31	0.21	0.18	2.03	
7,438.00	4.66	88.58	7,434.29	4.40	144.68	-3.29	1.38	1.36	-2.99	
7,533.00	5.45	81.81	7,528.92	5.14	153.01	-3.96	1.04	0.83	-7.13	
7,627.00	5.19	83.75	7,622.52	6.24	161.65	-5.00	0.34	-0.28	2.06	
7,745.00	4.44	87.70	7,740.10	7.00	171.52	-5.68	0.69	-0.64	3.35	
7,839.00	4.66	86.56	7,833.80	7.38	178.97	-6.00	0.25	0.23	-1.21	
7,933.00	4.35	88.32	7,927.51	7.71	186.34	-6.28	0.36	-0.33	1.87	
8,028.00	3.56	83.92	8,022.29	8.13	192.88	-6.65	0.89	-0.83	-4.63	
8,121.00	4.75	80.06	8,115.04	9.10	199.54	-7.57	1.31	1.28	-4.15	
8,216.00	5.32	82.25	8,209.67	10.37	207.78	-8.78	0.63	0.60	2.31	
8,310.00	4.84	83.22	8,303.30	11.43	216.04	-9.77	0.52	-0.51	1.03	
8,405.00	4.62	84.54	8,397.98	12.26	223.82	-10.55	0.26	-0.23	1.39	
8,499.00	4.04	83.57	8,491.71	13.00	230.88	-11.22	0.62	-0.62	-1.03	
8,593.00	3.82	80.50	8,585.49	13.88	237.26	-12.06	0.32	-0.23	-3.27	
8,687.00	4.53	87.09	8,679.24	14.59	244.06	-12.71	0.91	0.76	7.01	
8,782.00	4.44	88.49	8,773.95	14.88	251.48	-12.94	0.15	-0.09	1.47	
8,876.00	3.82	87.88	8,867.71	15.09	258.25	-13.10	0.66	-0.66	-0.65	
8,971.00	2.77	88.41	8,962.55	15.27	263.70	-13.24	1.11	-1.11	0.56	
9,065.00	3.08	96.40	9,056.43	15.05	268.48	-12.99	0.54	0.33	8.50	
9,159.00	3.03	100.53	9,150.29	14.31	273.44	-12.21	0.24	-0.05	4.39	
9,253.00	2.15	97.99	9,244.19	13.62	277.63	-11.48	0.94	-0.94	-2.70	
9,348.00	2.81	68.98	9,339.11	14.20	281.56	-12.04	1.47	0.69	-30.54	
9,442.00	3.30	62.48	9,432.98	16.28	286.11	-14.08	0.64	0.52	-6.91	

Aim Directional Services, LLC

Survey Report

Company:	Advance Energy Partners, LLC	Local Co-ordinate Reference:	Site Merchant State Unit 606H
Project:	Lea County, New Mexico	TVD Reference:	3657'GL+26.5'KB @ 3683.50usft (H&P 620)
Site:	Merchant State Unit 606H	MD Reference:	3657'GL+26.5'KB @ 3683.50usft (H&P 620)
Well:	#606H	North Reference:	Grid
Wellbore:	Aim MWD Surveys	Survey Calculation Method:	Minimum Curvature
Design:	Aim MWD Surveys	Database:	EDM 5000.1 Aim Database

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)	
9,631.00	3.60	29.52	9,621.65	23.96	293.86	-21.70	1.05	0.16	-17.44	
9,725.00	2.59	35.67	9,715.51	28.25	296.56	-25.97	1.13	-1.07	6.54	
9,819.00	2.68	59.14	9,809.42	31.10	299.68	-28.80	1.14	0.10	24.97	
9,913.00	3.08	74.26	9,903.30	32.92	304.00	-30.58	0.91	0.43	16.09	
10,008.00	2.37	73.38	9,998.19	34.17	308.34	-31.80	0.75	-0.75	-0.93	
10,102.00	1.80	108.97	10,092.13	34.25	311.60	-31.85	1.47	-0.61	37.86	
10,197.00	1.89	107.39	10,187.08	33.29	314.50	-30.88	0.11	0.09	-1.66	
10,291.00	1.23	124.35	10,281.05	32.26	316.81	-29.83	0.85	-0.70	18.04	
10,385.00	1.98	132.70	10,375.01	30.59	318.84	-28.14	0.83	0.80	8.88	
10,480.00	1.36	123.56	10,469.97	28.85	320.99	-26.39	0.71	-0.65	-9.62	
10,574.00	1.36	142.19	10,563.94	27.36	322.60	-24.88	0.47	0.00	19.82	
10,668.00	1.36	183.15	10,657.92	25.36	323.22	-22.88	1.01	0.00	43.57	
10,763.00	1.49	188.78	10,752.89	23.01	322.97	-20.53	0.20	0.14	5.93	
10,857.00	2.33	168.65	10,846.84	19.93	323.16	-17.45	1.13	0.89	-21.41	
10,951.00	1.89	169.00	10,940.77	16.54	323.83	-14.05	0.47	-0.47	0.37	
11,051.00	2.55	206.62	11,040.70	12.93	323.15	-10.45	1.56	0.66	37.62	
11,145.00	2.07	219.10	11,134.63	9.74	321.14	-7.28	0.74	-0.51	13.28	
11,239.00	2.77	228.59	11,228.54	6.92	318.37	-4.48	0.86	0.74	10.10	
11,334.00	3.38	219.10	11,323.41	3.23	314.88	-0.81	0.83	0.64	-9.99	
11,428.00	2.86	219.10	11,417.27	-0.74	311.65	3.13	0.55	-0.55	0.00	
11,523.00	4.75	192.73	11,512.06	-6.42	309.29	8.79	2.66	1.99	-27.76	
11,617.00	18.11	182.18	11,603.99	-24.90	307.87	27.26	14.33	14.21	-11.22	
11,711.00	26.77	178.67	11,690.80	-60.73	307.81	63.09	9.32	9.21	-3.73	
11,805.00	39.74	178.93	11,769.24	-112.15	308.86	114.52	13.80	13.80	0.28	
11,900.00	50.64	180.43	11,836.09	-179.45	309.16	181.81	11.53	11.47	1.58	
11,994.00	59.87	178.76	11,889.61	-256.59	309.77	258.97	9.93	9.82	-1.78	
12,088.00	71.56	178.23	11,928.20	-342.10	312.03	344.48	12.45	12.44	-0.56	
12,148.00	79.30	177.09	11,943.28	-400.07	314.41	402.48	13.03	12.90	-1.90	
12,229.00	85.27	175.07	11,954.15	-480.11	319.90	482.55	7.77	7.37	-2.49	
12,318.00	88.09	175.68	11,959.31	-568.66	327.07	571.16	3.24	3.17	0.69	
12,409.00	89.01	179.81	11,961.61	-659.54	330.64	662.06	4.65	1.01	4.54	
12,501.00	88.84	176.38	11,963.34	-751.46	333.70	754.00	3.73	-0.18	-3.73	
12,593.00	89.05	177.70	11,965.03	-843.32	338.45	845.90	1.45	0.23	1.43	
12,686.00	88.70	177.61	11,966.86	-936.23	342.26	938.83	0.39	-0.38	-0.10	
12,779.00	87.87	177.97	11,969.64	-1,029.11	345.84	1,031.74	0.97	-0.89	0.39	
12,871.00	89.49	181.04	11,971.76	-1,121.07	346.63	1,123.70	3.77	1.76	3.34	
12,964.00	87.69	179.46	11,974.05	-1,214.04	346.23	1,216.66	2.57	-1.94	-1.70	
13,037.00	87.82	178.76	11,976.91	-1,286.97	347.36	1,289.60	0.97	0.18	-0.96	
13,057.00	89.63	179.20	11,977.35	-1,306.96	347.72	1,309.59	9.31	9.05	2.20	
13,077.00	91.16	179.55	11,977.21	-1,326.96	347.94	1,329.59	7.85	7.65	1.75	
13,104.00	91.30	179.64	11,976.64	-1,353.95	348.13	1,356.59	0.62	0.52	0.33	
13,151.00	91.12	179.37	11,975.64	-1,400.94	348.53	1,403.58	0.69	-0.38	-0.57	
13,245.00	89.85	179.20	11,974.85	-1,494.93	349.71	1,497.57	1.36	-1.35	-0.18	
13,340.00	90.73	179.99	11,974.37	-1,589.92	350.38	1,592.57	1.24	0.93	0.83	

Aim Directional Services, LLC

Survey Report

Company:	Advance Energy Partners, LLC	Local Co-ordinate Reference:	Site Merchant State Unit 606H
Project:	Lea County, New Mexico	TVD Reference:	3657'GL+26.5'KB @ 3683.50usft (H&P 620)
Site:	Merchant State Unit 606H	MD Reference:	3657'GL+26.5'KB @ 3683.50usft (H&P 620)
Well:	#606H	North Reference:	Grid
Wellbore:	Aim MWD Surveys	Survey Calculation Method:	Minimum Curvature
Design:	Aim MWD Surveys	Database:	EDM 5000.1 Aim Database

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)
13,434.00	90.55	180.60	11,973.32	-1,683.92	349.89	1,686.55	0.68	-0.19	0.65
13,528.00	89.67	179.55	11,973.14	-1,777.91	349.77	1,780.55	1.46	-0.94	-1.12
13,623.00	89.54	180.69	11,973.79	-1,872.91	349.57	1,875.54	1.21	-0.14	1.20
13,717.00	89.63	180.78	11,974.47	-1,966.90	348.37	1,969.52	0.14	0.10	0.10
13,811.00	89.63	180.87	11,975.08	-2,060.89	347.01	2,063.49	0.10	0.00	0.10
13,905.00	88.44	179.37	11,976.66	-2,154.87	346.81	2,157.47	2.04	-1.27	-1.60
13,999.00	90.29	180.95	11,977.70	-2,248.86	346.55	2,251.45	2.59	1.97	1.68
14,093.00	90.20	180.25	11,977.30	-2,342.85	345.57	2,345.43	0.75	-0.10	-0.74
14,187.00	88.97	179.02	11,977.98	-2,436.84	346.17	2,439.43	1.85	-1.31	-1.31
14,282.00	90.07	179.46	11,978.78	-2,531.83	347.43	2,534.42	1.25	1.16	0.46
14,376.00	89.49	179.11	11,979.14	-2,625.82	348.60	2,628.42	0.72	-0.62	-0.37
14,470.00	88.97	178.67	11,980.40	-2,719.79	350.42	2,722.40	0.72	-0.55	-0.47
14,565.00	88.44	178.14	11,982.55	-2,814.73	353.06	2,817.36	0.79	-0.56	-0.56
14,659.00	88.13	177.88	11,985.36	-2,908.63	356.33	2,911.28	0.43	-0.33	-0.28
14,753.00	91.25	179.11	11,985.87	-3,002.59	358.79	3,005.25	3.57	3.32	1.31
14,848.00	91.65	179.37	11,983.47	-3,097.55	360.05	3,100.22	0.50	0.42	0.27
14,942.00	91.74	179.28	11,980.69	-3,191.50	361.16	3,194.18	0.14	0.10	-0.10
15,036.00	91.03	178.76	11,978.41	-3,285.46	362.77	3,288.15	0.94	-0.76	-0.55
15,131.00	89.71	180.08	11,977.80	-3,380.45	363.73	3,383.14	1.96	-1.39	1.39
15,225.00	90.02	180.16	11,978.02	-3,474.44	363.53	3,477.13	0.34	0.33	0.09
15,319.00	86.33	180.95	11,981.02	-3,568.38	362.62	3,571.06	4.01	-3.93	0.84
15,414.00	88.70	181.04	11,985.13	-3,663.27	360.98	3,665.93	2.50	2.49	0.09
15,508.00	88.79	180.60	11,987.19	-3,757.23	359.63	3,759.88	0.48	0.10	-0.47
15,602.00	88.35	179.81	11,989.54	-3,851.20	359.29	3,853.85	0.96	-0.47	-0.84
15,696.00	89.10	179.55	11,991.63	-3,945.18	359.82	3,947.82	0.84	0.80	-0.28
15,791.00	88.88	179.02	11,993.31	-4,040.15	361.00	4,042.81	0.60	-0.23	-0.56
15,885.00	89.23	178.05	11,994.86	-4,134.11	363.41	4,136.78	1.10	0.37	-1.03
15,979.00	90.33	177.88	11,995.22	-4,228.05	366.75	4,230.74	1.18	1.17	-0.18
16,073.00	93.41	178.76	11,992.15	-4,321.95	369.50	4,324.66	3.41	3.28	0.94
16,168.00	89.58	182.36	11,989.67	-4,416.87	368.57	4,419.57	5.53	-4.03	3.79
16,262.00	87.34	184.03	11,992.20	-4,510.69	363.33	4,513.34	2.97	-2.38	1.78
16,356.00	87.56	183.94	11,996.38	-4,604.37	356.81	4,606.97	0.25	0.23	-0.10
16,450.00	89.98	184.29	11,998.40	-4,698.09	350.06	4,700.64	2.60	2.57	0.37
16,545.00	88.53	182.89	11,999.63	-4,792.89	344.12	4,795.40	2.12	-1.53	-1.47
16,639.00	87.82	181.57	12,002.63	-4,886.77	340.46	4,889.24	1.59	-0.76	-1.40
16,734.00	89.58	181.83	12,004.78	-4,981.70	337.64	4,984.15	1.87	1.85	0.27
16,828.00	88.48	182.80	12,006.37	-5,075.61	333.85	5,078.02	1.56	-1.17	1.03
16,922.00	87.43	179.46	12,009.73	-5,169.52	331.99	5,171.91	3.72	-1.12	-3.55
17,017.00	88.13	178.93	12,013.41	-5,264.44	333.33	5,266.84	0.92	0.74	-0.56
17,111.00	87.56	178.67	12,016.94	-5,358.35	335.29	5,360.77	0.67	-0.61	-0.28
17,205.00	87.56	177.97	12,020.94	-5,452.22	338.05	5,454.66	0.74	0.00	-0.74
17,299.00	86.64	178.05	12,025.70	-5,546.04	341.31	5,548.50	0.98	-0.98	0.09
17,393.00	90.77	177.79	12,027.82	-5,639.94	344.72	5,642.42	4.40	4.39	-0.28

Aim Directional Services, LLC

Survey Report

Company:	Advance Energy Partners, LLC	Local Co-ordinate Reference:	Site Merchant State Unit 606H
Project:	Lea County, New Mexico	TVD Reference:	3657'GL+26.5'KB @ 3683.50usft (H&P 620)
Site:	Merchant State Unit 606H	MD Reference:	3657'GL+26.5'KB @ 3683.50usft (H&P 620)
Well:	#606H	North Reference:	Grid
Wellbore:	Aim MWD Surveys	Survey Calculation Method:	Minimum Curvature
Design:	Aim MWD Surveys	Database:	EDM 5000.1 Aim Database

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)
17,488.00	90.90	177.35	12,026.44	-5,734.84	348.75	5,737.35	0.48	0.14	-0.46
17,582.00	90.55	176.82	12,025.25	-5,828.71	353.53	5,831.26	0.68	-0.37	-0.56
17,676.00	91.16	176.56	12,023.85	-5,922.55	358.95	5,925.13	0.71	0.65	-0.28
17,771.00	91.47	177.35	12,021.67	-6,017.39	364.00	6,020.00	0.89	0.33	0.83
17,865.00	88.18	178.32	12,021.95	-6,111.30	367.55	6,113.95	3.65	-3.50	1.03
17,959.00	88.18	178.85	12,024.94	-6,205.23	369.87	6,207.88	0.56	0.00	0.56
18,053.00	89.71	178.32	12,026.67	-6,299.18	372.19	6,301.85	1.72	1.63	-0.56
18,148.00	89.10	179.64	12,027.66	-6,394.16	373.88	6,396.84	1.53	-0.64	1.39
18,242.00	89.54	180.43	12,028.77	-6,488.15	373.82	6,490.83	0.96	0.47	0.84
18,336.00	89.89	181.83	12,029.24	-6,582.13	371.97	6,584.79	1.54	0.37	1.49
18,431.00	86.99	181.13	12,031.83	-6,677.05	369.52	6,679.69	3.14	-3.05	-0.74
18,525.00	86.02	180.69	12,037.56	-6,770.86	368.03	6,773.49	1.13	-1.03	-0.47
18,619.00	89.63	178.05	12,041.12	-6,864.76	369.06	6,867.40	4.76	3.84	-2.81
18,713.00	89.36	177.18	12,041.95	-6,958.68	372.97	6,961.34	0.97	-0.29	-0.93
18,808.00	88.48	176.38	12,043.74	-7,053.51	378.31	7,056.21	1.25	-0.93	-0.84
18,902.00	89.36	178.67	12,045.52	-7,147.40	382.37	7,150.12	2.61	0.94	2.44
18,996.00	90.29	179.81	12,045.80	-7,241.39	383.61	7,244.12	1.57	0.99	1.21
19,090.00	86.59	180.43	12,048.36	-7,335.33	383.42	7,338.06	3.99	-3.94	0.66
19,185.00	90.55	182.71	12,050.73	-7,430.24	380.81	7,432.95	4.81	4.17	2.40
19,279.00	90.20	182.71	12,050.12	-7,524.14	376.37	7,526.81	0.37	-0.37	0.00
19,373.00	91.30	182.80	12,048.89	-7,618.02	371.85	7,620.65	1.17	1.17	0.10
19,468.00	87.65	181.39	12,049.76	-7,712.93	368.38	7,715.53	4.12	-3.84	-1.48
19,562.00	86.86	180.87	12,054.26	-7,806.81	366.53	7,809.39	1.01	-0.84	-0.55
19,656.00	88.62	180.87	12,057.96	-7,900.72	365.10	7,903.29	1.87	1.87	0.00
19,750.00	86.95	180.25	12,061.60	-7,994.64	364.18	7,997.20	1.89	-1.78	-0.66
19,845.00	88.04	178.41	12,065.75	-8,089.54	365.29	8,092.10	2.25	1.15	-1.94
19,939.00	92.04	177.88	12,065.68	-8,183.47	368.33	8,186.06	4.29	4.26	-0.56
20,033.00	92.26	177.18	12,062.16	-8,277.31	372.38	8,279.93	0.78	0.23	-0.74
20,128.00	91.96	177.35	12,058.66	-8,372.14	376.91	8,374.79	0.36	-0.32	0.18
20,222.00	91.34	176.91	12,055.95	-8,465.98	381.62	8,468.66	0.81	-0.66	-0.47
20,316.00	91.96	177.35	12,053.25	-8,559.83	386.32	8,562.54	0.81	0.66	0.47
20,410.00	88.66	178.93	12,052.74	-8,653.76	389.37	8,656.49	3.89	-3.51	1.68
20,505.00	88.79	179.28	12,054.85	-8,748.72	390.86	8,751.47	0.39	0.14	0.37
20,589.00	91.30	180.25	12,054.79	-8,832.72	391.20	8,835.46	3.20	2.99	1.15
20,693.00	88.04	181.92	12,055.39	-8,936.68	389.23	8,939.40	3.52	-3.13	1.61
20,788.00	89.89	182.54	12,057.10	-9,031.59	385.54	9,034.28	2.05	1.95	0.65
20,882.00	88.53	182.54	12,058.40	-9,125.48	381.37	9,128.14	1.45	-1.45	0.00
20,976.00	88.66	182.27	12,060.70	-9,219.37	377.43	9,222.00	0.32	0.14	-0.29
21,070.00	90.29	182.54	12,061.56	-9,313.28	373.48	9,315.87	1.76	1.73	0.29
21,165.00	88.35	180.16	12,062.69	-9,408.24	371.24	9,410.81	3.23	-2.04	-2.51
21,259.00	87.91	179.20	12,065.76	-9,502.18	371.77	9,504.76	1.12	-0.47	-1.02
21,354.00	90.02	178.32	12,067.47	-9,597.14	373.82	9,599.73	2.41	2.22	-0.93
21,448.00	88.35	177.79	12,068.81	-9,691.07	377.01	9,693.68	1.86	-1.78	-0.56

Aim Directional Services, LLC

Survey Report

Company:	Advance Energy Partners, LLC	Local Co-ordinate Reference:	Site Merchant State Unit 606H
Project:	Lea County, New Mexico	TVD Reference:	3657'GL+26.5'KB @ 3683.50usft (H&P 620)
Site:	Merchant State Unit 606H	MD Reference:	3657'GL+26.5'KB @ 3683.50usft (H&P 620)
Well:	#606H	North Reference:	Grid
Wellbore:	Aim MWD Surveys	Survey Calculation Method:	Minimum Curvature
Design:	Aim MWD Surveys	Database:	EDM 5000.1 Aim Database

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)	
21,542.00	88.79	177.18	12,071.16	-9,784.95	381.14	9,787.59	0.80	0.47	-0.65	
21,636.00	89.49	177.35	12,072.57	-9,878.83	385.62	9,881.50	0.77	0.74	0.18	
21,731.00	90.37	177.44	12,072.68	-9,973.73	389.94	9,976.44	0.93	0.93	0.09	
21,825.00	88.40	176.56	12,073.69	-10,067.59	394.86	10,070.33	2.30	-2.10	-0.94	
21,919.00	89.36	176.91	12,075.53	-10,161.42	400.21	10,164.20	1.09	1.02	0.37	
22,014.00	89.71	176.91	12,076.30	-10,256.28	405.33	10,259.09	0.37	0.37	0.00	
22,107.00	88.40	176.12	12,077.84	-10,349.09	410.99	10,351.95	1.64	-1.41	-0.85	
Last Aim MWD Survey										
22,170.00	88.40	176.12	12,079.59	-10,411.93	415.25	10,414.81	0.00	0.00	0.00	
Projection to BHL										

Design Annotations					
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates			
		+N/-S (usft)	+E/-W (usft)	Comment	
196.00	195.99	1.78	-0.62	First Aim MWD Survey	
22,107.00	12,077.84	-10,349.09	410.99	Last Aim MWD Survey	
22,170.00	12,079.59	-10,411.93	415.25	Projection to BHL	

Submit 1 Copy To Appropriate District Office
 District I – (575) 393-6161
 1625 N. French Dr., Hobbs, NM 88240
 District II – (575) 748-1283
 811 S. First St., Artesia, NM 88210
 District III – (505) 334-6178
 1000 Rio Brazos Rd., Aztec, NM 87410
 District IV – (505) 476-3460
 1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
 Energy, Minerals and Natural Resources

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

Form C-103
 Revised July 18, 2013

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)		WELL API NO. 30-025-46664
1. Type of Well: Oil Well ☒ Gas Well ☐ Other ☐		5. Indicate Type of Lease STATE ☒ FEE ☐
2. Name of Operator Advance Energy Partners Hat Mesa		6. State Oil & Gas Lease No.
3. Address of Operator 11490 Westheimer Rd, Houston, TX 77077		7. Lease Name or Unit Agreement Name MERCHANT STATE UNIT
4. Well Location Unit Letter <u>A</u> : <u>100</u> feet from the <u>N</u> line and <u>644</u> feet from the <u>E</u> line Section <u>35</u> Township <u>21S</u> Range <u>33E</u> NMPM County <u>LEA</u>		8. Well Number 606H
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3657'		9. OGRID Number 372417
		10. Pool name or Wildcat WC-025 G-06 S213326D;BONE SPRING

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
 TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
 PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐
 DOWNHOLE COMMINGLE ☐
 CLOSED-LOOP SYSTEM ☐
 OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
 COMMENCE DRILLING OPNS. ☐ P AND A ☐
 CASING/CEMENT JOB ☐
 OTHER: ☒

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

- 10/12/20: Pressure test casing to 9,800 psi for 30 minutes.
- 11/18/20 – 12/9/20: Perforate from 12,229' – 22,064' (2976). Frac with 24,515,710 lbs sand and 26,039,244 gal fluid.
- 12/15/20 – 12/16/20: Drill all plugs out and clean out to a PBTD of 22,078'.
- 01/06/21 - Ready to Produce
- 02/10/21- Ran 2-7/8" tubing and ESP. EOT @ 10,398

Spud Date:

12/31/2019

Rig Release Date:

02/04/2020

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE:

Eileen M Kosakowski

TITLE: Sr. Eng. Tech.

DATE:

2/17/22

PRINT NAME: Eileen M Kosakowski

E-mail address: ekosakowski@advanceenergypartners.com

PHONE: (832) 672-4604

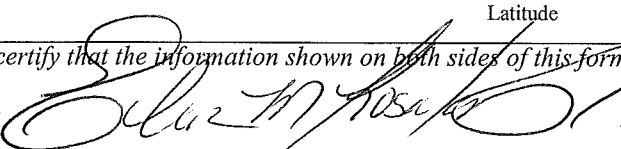
For State Use Only

APPROVED BY:

TITLE

DATE

Conditions of Approval (if any):

Submit To Appropriate District Office Two Copies District I 1625 N. French Dr., Hobbs, NM 88240 District II 811 S. First St., Artesia, NM 88210 District III 1000 Rio Brazos Rd., Aztec, NM 87410 District IV 1220 S. St. Francis Dr., Santa Fe, NM 87505		State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505			Form C-105 Revised April 3, 2017					
		1. WELL API NO. 30-025-46664			2. Type of Lease ☒ STATE ☐ FEE ☐ FED/INDIAN					
		3. State Oil & Gas Lease No.			5. Lease Name or Unit Agreement Name Merchant State Unit					
		6. Well Number: 606H								
WELL COMPLETION OR RECOMPLETION REPORT AND LOG										
4. Reason for filing: ☒ COMPLETION REPORT (Fill in boxes #1 through #31 for State and Fee wells only) ☐ C-144 CLOSURE ATTACHMENT (Fill in boxes #1 through #9, #15 Date Rig Released and #32 and/or #33; attach this and the plat to the C-144 closure report in accordance with 19.15.17.13.K NMAC)										
7. Type of Completion: ☒ NEW WELL ☐ WORKOVER ☐ DEEPENING ☐ PLUGBACK ☐ DIFFERENT RESERVOIR ☐ OTHER										
8. Name of Operator Advance Energy Partners Hat Mesa, LLC					9. OGRID 372417					
10. Address of Operator 11490 Westheimer RD, Suite 950 Houston, TX 77077					11. Pool name or Wildcat WC-025 G-06 S213326D; BONE SPRING					
12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County
Surface:	A	35	21S	33E		100	N	644	E	Lea
BH:	P	2	22S	33E		50	S	309	E	Lea
13. Date Spudded 12/31/2019	14. Date T.D. Reached 02/01/2020	15. Date Rig Released 02/04/2020		16. Date Completed (Ready to Produce) 01/06/2021			17. Elevations (DF and RKB, RT, GR, etc.) 3657'			
18. Total Measured Depth of Well 22,170		19. Plug Back Measured Depth 22,078		20. Was Directional Survey Made? YES			21. Type Electric and Other Logs Run Gamma Ray			
22. Producing Interval(s), of this completion - Top, Bottom, Name 12,229-22,064' Bone Springs										
CASING RECORD (Report all strings set in well)										
CASING SIZE		WEIGHT LB./FT.		DEPTH SET		HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED
13.375"		54.4#		1780		17.5"		830		
9.625"		40#		5263/3875		12.25"		1330 1260		
5.5"		20#		22,152		8.5"		3145 3135		
24. LINER RECORD										
SIZE	TOP	BOTTOM	SACKS CEMENT		SCREEN		25. TUBING RECORD			
							SIZE	DEPTH SET	PACKER SET	
							2 7/8	10,398	N/A	
26. Perforation record (interval, size, and number) 12,229-22,064' -2976 holes										
27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.										
DEPTH INTERVAL					AMOUNT AND KIND MATERIAL USED					
12,229-22,064'					24,515,710 lbs sand, 26,039,244 bbls water					
28. PRODUCTION										
Date First Production 01/07/21		Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing				Well Status (Prod. or Shut-in) Prod				
Date of Test 01/21/21	Hours Tested 24 Hrs	Choke Size 60	Prod'n For Test Period	Oil - Bbl 1270	Gas - MCF 1476	Water - Bbl. 5630	Gas - Oil Ratio 1162			
Flow Tubing Press. 1050	Casing Pressure 775	Calculated 24-Hour Rate	Oil - Bbl. 1270	Gas - MCF 1476	Water - Bbl. 5630	Oil Gravity - API - (Corr.) 43.6				
29. Disposition of Gas (Sold, used for fuel, vented, etc.) Sold							30. Test Witnessed By Baron Chandler			
31. List Attachments										
32. If a temporary pit was used at the well, attach a plat with the location of the temporary pit.					33. Rig Release Date: 02/04/2020					
34. If an on-site burial was used at the well, report the exact location of the on-site burial:										
Latitude					Longitude NAD83					
I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief										
Signature 					Date: 2/17/22					
Printed Name Eileen M Kosakowski					Title: Sr. Eng Tech.		E-mail Address: ekosakowski@advanceenergypartners.com			

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well and not later than 60 days after completion of closure. When submitted as a completion report, this shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 11, 12 and 26-31 shall be reported for each zone.

Southeastern New Mexico		Northwestern New Mexico	
T. Anhy	T. Canyon	T. Ojo Alamo	T. Penn A"
T. Salt	T. Strawn	T. Kirtland	T. Penn. "B"
B. Salt	T. Atoka	T. Fruitland	T. Penn. "C"
T. Yates	T. Miss	T. Pictured Cliffs	T. Penn. "D"
T. 7 Rivers	T. Devonian	T. Cliff House	T. Leadville
T. Queen	T. Silurian	T. Menefee	T. Madison
T. Grayburg	T. Montoya	T. Point Lookout	T. Elbert
T. San Andres	T. Simpson	T. Mancos	T. McCracken
T. Glorieta	T. McKee	T. Gallup	T. Ignacio Otzte
T. Paddock	T. Ellenburger	Base Greenhorn	T. Granite
T. Blinebry	T. Gr. Wash	T. Dakota	
T. Tubb	T. Delaware Sand	T. Morrison	
T. Drinkard	T. Bone Springs	T. Todilto	
T. Abo	T. LB 8555 MD 8548 TVD	T. Entrada	
T. Wolfcamp	T. AV 9025 MD 9016 TVD	T. Wingate	
T. Penn	T. 1SS 9972 MD 9962 TVD	T. Chinle	
T. Cisco (Bough C)	T.	T. Permian	

OIL OR GAS SANDS OR ZONES

No. 1, from.....to.....
No. 2, from.....to.....
No. 3, from.....to.....
No. 4, from.....to.....

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from.....to.....feet.....
 No. 2, from.....to.....feet.....
 No. 3, from.....to.....feet.....

LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness In Feet	Lithology

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

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811 S. First St., Artesia, NM 88210
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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) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

ACKNOWLEDGMENTS

Action 82422

ACKNOWLEDGMENTS

Operator: ADVANCE ENERGY PARTNERS HAT MESA, LLC 5400 LBJ Freeway, Suite 1500 Dallas, TX 75240	OGRID: 372417
	Action Number: 82422
	Action Type: [C-104] Completion Packet (C-104C)

ACKNOWLEDGMENTS

☒	I hereby certify that the required Water Use Report has been, or will be, submitted for this wells completion.
☒	I hereby certify that the required FracFocus disclosure has been, or will be, submitted for this wells completion.

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State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 82422

CONDITIONS

Operator: ADVANCE ENERGY PARTNERS HAT MESA, LLC 5400 LBJ Freeway, Suite 1500 Dallas, TX 75240	OGRID: 372417
	Action Number: 82422
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
plmartinez	None	7/25/2024