

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720
District III
1000 Rio Brazos Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

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

Form C-101
Revised July 18, 2013

☐ AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

¹ Operator Name and Address ADVANCE ENERGY PARTNERS HAT MESA, LLC 11490 Westheimer Rd., Ste 950 Houston, TX 77077		² OGRID Number 372417
⁴ Property Code 325283		³ API Number 70-025-45815
⁵ Property Name DAGGER STATE SWD		⁶ Well No. #1

7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County
G	30	21 S	33 E		2625	N	1330	E	Lea

8. Proposed Bottom Hole Location

UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County
G	30	21 S	33 E		2625	N	1330	E	Lea

9. Pool Information

Pool Name SWD; Devonian - SILURIAN	Pool Code 97869
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Additional Well Information

¹¹ Work Type N	¹² Well Type SWD	¹³ Cable/Rotary R	¹⁴ Lease Type S	¹⁵ Ground Level Elevation 3778'
¹⁶ Multiple No	¹⁷ Proposed Depth 17,695'	¹⁸ Formation Fusselman	¹⁹ Contractor H&P	²⁰ Spud Date 04/12/2019
Depth to Ground water		Distance from nearest fresh water well		Distance to nearest surface water

☒ We will be using a closed-loop system in lieu of lined pits

21. Proposed Casing and Cement Program

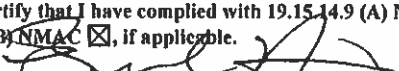
Type	Hole Size	Casing Size	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surface	30"	26"	202.4 lb/ft	1650'	2360	Surface
Intermediate1	24"	20"	133 lb/ft	3600'	2410	Surface
Intermediate2	17-1/2"	13-3/8"	68 lb/ft	5250'	2540	Surface
Production	12-1/4"	9-5/8"	40 lb/ft	12,235'	2150	Surface
Liner	8-3/4"	7-5/8"	39 lb/ft	16,245'	410	TOI
Open Hole	6-1/2"	-	-	17,695'	-	-

Casing/Cement Program: Additional Comments

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22. Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Double Ram	5000	5000	

²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief.
I further certify that I have complied with 19.15.14.9 (A) NMAC ☒ and/or 19.15.14.9 (B) NMAC ☒ if applicable.
Signature: 

Printed Name: Braden Harris

Title: Drilling Manager

E-mail Address: bharris@advanceenergypartners.com

Date: 04/01/2019

Phone: (406) 600-3310

OIL CONSERVATION DIVISION

Approved By: 

Title:

Approved Date: 04/15/19 Expiration Date: 04/15/21

Conditions of Approval Attached

See Attached
Conditions of Approval

CONDITIONS OF APPROVAL

API #	Operator	Well name & Number
30-025-45815	Advance Energy Part Hat Mesa	Dagger State SWD # 001

Applicable conditions of approval marked with XXXXXX

Administrative Orders Required

XXXXXXX	Review administrative order when approved for additional conditions of approval

Other wells

Casing

XXXXXXX	SURFACE, INTERMEDIATE(1), INTERMEDIATE(2) & PRODUCTION CASING - Cement must circulate to surface -- Liner(1) Cement come to top of liner
XXXXXXX	Surface casing must be set 25' below top of Rustler Anhydrite in order to seal off protectable water

Lost Circulation

XXXXXXX	Must notify OCD Hobbs Office if lost circulation is encountered at 575-370-3186

Water flows

XXXXXXX	Must notify OCD Hobbs Office of any water flow in the Salado formation at 575-370-3186. Report depth and flow rate.

Stage Tool

XXXXXXX	Must notify OCD Hobbs Office prior to running Stage Tool at 575-370-3186
XXXXXXX	If using Stage Tool on Surface casing, Stage Tool must be greater than 350' and a minimum 200 feet above surface shoe.
XXXXXXX	When using a Stage Tool on Intermediate or Production Casing Stage must be a minimum of 50 feet below previous casing shoe.

Completion & Production

XXXXXXX	Will require a deviational survey with the C-105
XXXXXXX	Must notify Hobbs OCD office prior to conducting MIT (575) 393-6161 ext. 114
XXXXXXX	Must conduct & pass MIT prior to any injection
XXXXXXX	May not spud prior to C-108 approval (SWD order approval)
XXXXXXX	Approval of this APD does not guarantee approval of C-108
XXXXXXX	Approval of this APD does not approve your tubing sizes. Please see SWD order for approved tubing sizes.
XXXXXXX	Must conduct & pass MIT prior to any injection
XXXXXXX	If C-108 and/or SWD order is not approved and well has been drilled, the well must be plugged within 90 days of denial of your C-108