

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

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

WELL API NO. 30-025-48603
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name Wool Head 20 State
8. Well Number 501H
9. OGRID Number 372417
10. Pool name or Wildcat WC-025 G-06 S213326D; BONE SPRING

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.)

1. Type of Well: Oil Well ☒ Gas Well ☐ Other ☐

2. Name of Operator
Advance Energy Partners Hat Mesa

3. Address of Operator
11490 Westheimer, Suite 950 Houston, Texas 77007

4. Well Location
M Unit Letter 225 feet from the S line and 734 feet from the W line
Section 20 Township 21S Range 33E NMPM Lea County

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
3741

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.

05/16/21 History:

While drilling the 12-1/4" intermediate hole, lost full returns at 4353' and never regained circulation to 5320' TD. The 9-5/8" was ran to 5303' MD with a DV tool and Packer at 3485'. The 1 stage cement was pumped with 1245 sx (408 bbls) of 12.8 ppg lead cement followed by 315 sx (74.6 bbls) of 14.8 ppg tail cement. No returns were seen during cementing operations. After pumping 222 bbls of the 400 bbls displacement, were unable to pump the remaining 178 bbls displacement leaving cement top inside the 9-5/8" casing at 2928' and 556' of lead cement above the DV tool inside the casing. The calculated top of 305 bbls of cement pumped in 9-5/8" annulus would be at surface. However no returns were seen while pumping so the top of cement is assumed to be at the lost circulation zone at 4353'. The packer at 3485' was set and the annulus is full to surface with drilling mud.

Procedure:

1. Drill out cement inside 9-5/8" casing with 8-3/4" bit to top of DV tool at 3485'.
2. Pressure test casing to 1500 psi.
3. Drill DV tool and packer and pressure test casing to 1500 psi. If pressure holds continue to #5.
4. If able to pump through DV tool and establish circulation, stop and pump 2nd stage cement to surface.
5. If unable to pump through DV tool, perforate casing above DV tool and packer. Determine depth to perforate with temperature log or casing free point log.
6. After cementing casing, continue drilling out cement to top of float collar at 5255'.
7. Pressure test casing to 1500 psi.
8. Drill out float shoe track and continue drilling vertical hole section to KOP.

Spud Date:

Rig Release Date:

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

SIGNATURE Wesley Vaughan

TITLE Eng. Tech

DATE 5/17/21

Type or print name: Wesley Vaughan

E-mail address: WVaughan@advanceenergy.com

PHONE: 713-447-0744

APPROVED BY P. Kautz TITLE _____ DATE _____
Conditions of Approval (if any): _____

District I
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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 28390

CONDITIONS OF APPROVAL

Operator:	ADVANCE ENERGY PARTNERS HAT ME	11490 Westheimer Rd., Ste 950	Houston, TX77077	OGRID:	372417	Action Number:	28390	Action Type:	C-103A
OCD Reviewer	Condition								
pkautz	None								