

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires November 30, 2000

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

5. Lease Serial No.

Fee/NMNM 023041

6. If Indian, Allottee or Tribe Name

OIL CONS. DIV DIST. 3

If Unit or CA/Agreement Name and/or N

SUBMIT IN TRIPLICATE - Other instructions on reverse side

NOV 07 2014

1. Type of Well

☐ Oil Well ☐ Gas Well ☒ Other

NOV 04 2014

2. Name of Operator

TnT Environmental Inc.

Farmington Field Office

Bureau of Land Management

3a. Address

HC 74 Box 113, Lindrith, NM 87029

3b. Phone No. (include area code)

505-320-2130

8. Well Name and No.

TnT SWD #1

9. API Well No.

30-039-31257

10. Field and Pool, or Exploratory Area

Entrada SWD

11. County or Parish, State

Rio Arriba, NM

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

| TYPE OF SUBMISSION | TYPE OF ACTION | | | |
|---|---|--|--|---|
| <input type="checkbox"/> Notice of Intent | <input type="checkbox"/> Acidize | <input type="checkbox"/> Deepen | <input type="checkbox"/> Production (Start/Resume) | <input type="checkbox"/> Water Shut-Off |
| <input checked="" type="checkbox"/> Subsequent Report | <input type="checkbox"/> Alter Casing | <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Reclamation | <input type="checkbox"/> Well Integrity |
| <input type="checkbox"/> Final Abandonment Notice | <input type="checkbox"/> Casing Repair | <input checked="" type="checkbox"/> New Construction | <input type="checkbox"/> Recomplete | <input type="checkbox"/> Other |
| | <input type="checkbox"/> Change Plans | <input type="checkbox"/> Plug and Abandon | <input type="checkbox"/> Temporarily Abandon | |
| | <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Plug Back | <input type="checkbox"/> Water Disposal | |

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomple horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once Testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

TD 8-3/4" hole at 9245' at 21:47 hrs 10/10/2014. Run open hole logs from TD to surface.

Ran 219 jts of 7", 26 ppf, L80 casing. Land casing at 9242' KB, Float collar at 9196' KB, DV tool at 6073' KB, 2nd DV tool at 4299' KB. Cement w/ Halliburton in 3 stages (see attachment w/ cement details for each stage).

ACCEPTED FOR RECORD

NOV 05 2014

Casing & cement job witnessed by J. Ruybulid w/ BLM

FARMINGTON FIELD OFFICE
BY: William Tambekou

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

John C. Thompson

Title

Agent / Engineer

Signature

Date

October 31, 2014

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

TnT SWD #1 – 7" longstring casing/cement sundry (attachment)

1 stage: Precede cement w/ 10 bbl water spacer. Mix & pump 290 sx (493 cf) of HALCEM System (0.35% HR-5, 5 lbs/sx Kol-Seal, 1 lbs/sx Pheno Seal medium, 0.125 lbs/sx Poly-E- Flake). 12.3 ppg & 1.7 cf/sx yield. Tail in w/ 170 sx (219 cf) of FRACCEM System (0.70% Halad(R)-9, 0.15% CFR-3, 5 lbs/sx Kol-Seal, 0.125 lbs/sx Poly-E-Flake). 13.5 ppg & 1.29 cf/sx yield. Pump slurry at 2.5 – 4.0 bpm. Drop plug & displace cement w/ 125 bbls of water & 226 bbls of mud (total displacement: 315 bbls). PD at 13:53 hrs 10/14/2014. Bump plug to 3100 psi (held pressure ok) – release pressure to check floats, holding OK. Drop 1st stage dart & wait to fall to DV tool. Open 1st DV tool at 604 psi. Circulate off top of 1st DV tool. Did not have any returns to surface throughout job. Lift pressure of 2300 psi indicates good cement lift. Attempt to establish circulation through DV tool while WOC for 4 hours but unable to every establish circulation.

2nd stage: Precede cement w/ 10 bbls water. Mix & pump 200 sx (340 cf) of HALCEM System (0.35% HR-5, 5 lbs/sx Kol-Seal, 1 lbs/sx Pheno Seal medium, 0.125 lbs/sx Poly-E- Flake). 12.3 ppg & 1.7 cf/sx yield. Tail in w/ 100 sx (115 cf) of VARICEM System (0.10% Halad(R)-9. 15.8 ppg & 1.15 cf/sx yield. Pump slurry at 4.0 bpm. Drop plug & displace cement w/ 80 bbls of water & 152 bbls of mud (total displacement: 232 bbls). PD at 21:30 hrs 10/14/2014. Bump plug to 2000 psi (held pressure ok) – release pressure to check floats, holding OK. Did not have any circulation throughout job. Lift pressure of 1200 psi indicates good cement lift. Drop 2nd stage dart & wait to fall to DV tool. Open 2nd DV tool at 518 psi. Mix & pump mud pills w/ 20% – 30% LCM along with "Poly or Aqua Swell". After approximately 11 hrs, established circulation to surface. Circulate for 1 hour with full returns through DV tool to surface. Note: total time between 2nd & 3rd stage cement jobs: 15 hrs & 45 mins.

3rd stage. Precede cement w/ 10 bbls water. Mix & pump 470 sx (799 cf) of HALCEM System (0.35% HR-5, 5 lbs/sx Kol-Seal, 1 lbs/sx Pheno Seal medium, 0.125 lbs/sx Poly-E- Flake). 12.3 ppg & 1.7 cf/sx yield. Tail in w/ 150 sx (172.5 cf) of VARICEM System (0.10% Halad(R)-9. 15.8 ppg & 1.15 cf/sx yield. Pump slurry

at 4.0 bpm. Drop plug & displace cement w/ 165 bbls of water. PD at 16:50 hrs. hrs 10/15/2014. Bump plug to 530 psi, increase to 2685 psi (held pressure ok) – release pressure to check floats, holding OK. Had good circulation with full returns throughout job until last 20 bbls where flow slowed down to ~ ½ to ¾ of full returns. Just turning to cement at flowline when plug hit, called it “trace” of cement to surface.