

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

Form C-103
Revised July 18, 2013

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

WELL API NO. 30-025-06752
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name Northeast Drinkard Unit (NEDU) / 22503
8. Well Number 902
9. OGRID Number 873
10. Pool name or Wildcat Eunice; B-T-D, North (22900)

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 <input type="checkbox"/> Gas Well <input type="checkbox"/> Other Injection <input type="checkbox"/>	
2. Name of Operator Apache Corporation	
3. Address of Operator 303 Veterans Airpark Lane, Suite 1000 Midland, TX 79705	
4. Well Location Unit Letter <u>K</u> : 2080 feet from the <u>South</u> line and <u>1650</u> feet from the <u>West</u> line Section <u>22</u> Township <u>21S</u> Range <u>37E</u> NMPM County <u>Lea</u>	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3414' GL	

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	P AND A <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	MULTIPLE COMPL <input type="checkbox"/>	CASING/CEMENT JOB <input type="checkbox"/>	
DOWNHOLE COMMINGLE <input type="checkbox"/>			
CLOSED-LOOP SYSTEM <input type="checkbox"/>			
OTHER: <input type="checkbox"/>		OTHER: FAILED CASING LEAK REPAIR <input checked="" type="checkbox"/>	

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.

Apache attempted to isolate and repair a casing leak, as follows: (Well will be P&A'd)
4/25/2017 MIRU WL, Pull profile plug, tag fill @ 6054'.
4/26/2017 Providence spot rig, SD due to high winds.
4/27/2017 POOH w/Inj Pkr, PU WS
4/28/2017 Test plug, locate casing leak from 4199'-4232'.
5/01/2017 POOH w/pkr, dump sand on plug, RIH & set cement retainer @ 4134'.
5/02/2017 Test lines. Squeeze csg leak w/200 sx lead Class C Premium Plus Cement.
5/03/2017 WO cement.
5/04/2017 Tag cmt @ 4120'; DO retainer @ 4134', drill cmt to fall out @ 4203'. Test csg to 500# for 30 min - held.
5/05/2017 Retrieve RBP, RIH w/bit & DC's.
5/08/2017 CO fill.
5/09/2017 Test lines. Acidize Drinkard w/2500 gal HCL & 1500# rock salt. Well communicated when block hit top perms; shut down. Wash salt. RIH w/pkr & RBP. Located csg leak @ 4101'-4232'.

----- CONTINUED ON NEXT PAGE -----

Spud Date:

3/24/1950

Rig Release Date:

4/22/1950

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

SIGNATURE

Reesa Fisher

TITLE Sr. Staff Reg Analyst

DATE 6/8/2017

Type or print name Reesa Fisher

E-mail address: Reesa.Fisher@apachecorp.com

PHONE: (432) 818-1062

For State Use Only

APPROVED BY:

[Signature]

TITLE Petroleum Engineer

DATE 06/12/17

Conditions of Approval (if any):

NEDU 902
30-025-06752
Apache Corp. (873)

FAILED CASING LEAK REPAIR C-103 CONTINUED:

5/10/2017 Release pkr, latch on to RBP & set @ 4300'; test – leaked. Lowered and leaked again.
RIH w/new RPB & pkr to 4300' – good test. POOH w/pkr, RIH w/retainer to 4000'.
5/11/2017 Test lines. Pump 200 sx 14.8# Class C Premium Plus lead slurry, lost pressure.
Pumped 100 sx Class C Premium Plus tail slurry. Sting out of retainer. POOH
5/12/2017 RIH w/bit, DC's & WS
5/15/2017 Tag cmt ret @ 4000'; DO retainer. Tag cmt @ 4120'; drill cmt & fall out @ 4235'; circ clean.
Tested csg to 500# - lost 200# in 5 min. Tested 2 more times w/same result.
5/16/2017 Retrieve RBP, LD WS
5/17/2017 Cont in hole w/inj tbg. Possible collapsed csg or cement. POOH LD inj tbg. RIH w/bit, DC's &
WS.
5/18/2017 Tag up @ 4495'. Bit was hanging up and drlg rough; circ clean. Released rig crew.
5/19/2017 No activity – WO rig.
5/22/2017 Tag bad csg @ 4474'. Mill out bad spot to 4479', fall thru to 4494'. Dress up bad spot; circ
clean. PU mill to 4250'.
5/23/2017 Work mill thru bad spot in csg to 4530'; circ clean. POOH LD mill. RIH w/bit, tag cmt @
4756'. DO cmt to 4930'; circ clean.
5/24/2017 Tag cmt @ 4930'. DO hard cement to 5250'.
5/25/2017 Tag cmt @ 5250'. DO cmt to 5765'.
5/26/2017 RIH w/bit to 5765'. DO cmt to 6023', rough spot @ 5970', returned some metal, cleaned up,
cont drlg to 6023'; circ clean.
5/30/2017 Tag cmt @ 6023'. Drill cmt and formation to 6055'; circ clean. RIH w/new bit & DO to 6120'.
5/31/2017 Tag cmt @ 6120'. DO cmt to 6425'; circ clean. POOH w/tbg & BHA.
6/01/2017 Set CIBP @ 5892'. LD WS Left well TA'd, prepping to P&A.

Note: Kept in contact with Maxey Brown and George Bower throughout work.