

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103

Revised August 1, 2011

OIL CONSERVATION DIVISION

1220 South St. Francis Dr.

Santa Fe, NM 87505

WELL API NO.

30-015-01843

5. Indicate Type of Lease

STATE ☒ FEE ☐

6. State Oil & Gas Lease No.

E1392-14

7. Lease Name or Unit Agreement Name

COWTOWN UNIT

8. Well Number 101

9. OGRID Number

274841

10. Pool name or Wildcat

ARTESIA:QU-GB-SA

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

Alamo Permian Resources, LLC

3. Address of Operator

415 W. Wall Street, Suite 500, Midland, TX 79701

4. Well Location

Unit Letter: K : 1986 feet from the S line and 1932 feet from the W line
Section: 13 Township: 18S Range: 28E NMPM County: EDDY

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

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 ☐OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS ☐ P AND A ☐
CASING/CEMENT JOB ☐OTHER ☒ Frac, Acidize & Frac

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.

*See Attached

RECEIVED

DEC 13 2012

NMOCD ARTESIA

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

Thomas Fulvi

TITLE

Regulatory Affairs Coordinator

DATE

12/10/2012

Type or print name

THOMAS FULVI

E-mail address:

tfulvi@alamoresources.com

PHONE:

432.897.0673

APPROVED BY:

SR Dade

TITLE

Bob P. Supewson

DATE

12/19/12

Conditions of Approval (if any):

11/16/12

MIRU TO FRAC PERFS 2690 - 2816' W/N₂, 60-Q FOAM, CARRYING 29,143# 20/40 BRADY SAND.

TOTAL PROP = 29,123 LBS 20/40 BRADY SAND. TOTAL N₂ = 262, SCF. TLTR = 199 BBL. SWI. RD. FLOWED BACK 98 BLW

11/19/12

PU SWAB. SWABBED WELL. WELL STARTED PRESSURING UP. STARTED FLOWING BACK. HAD 110 PSI ON TBG. FLOWED BACK 21 BW. NO OIL CUT. WELL DIED. MADE SWAB RUN. FL @ 1500'. BROUGHT BACK ¼ BBL W/SKIM OF OIL ON TOP. SDN.

11/20/12

OPEN WELL HAD 200 PSI. FLOWED BACK THROUGH CHOKE LOST ALL PSI WITHIN 5 MIN. MADE HOUR SWAB RUNS

@ 2450 SWAB BACK 6 BBL FLUID HAD SKIM OF OIL.

RELEASED PACKER POOH W/ TUBING LAY DOWN PACKER.

CLOSED BOP.

11/21/12

RU WIRELINE. RIH W/ WIRELINE. SET PLUG @ 2669 POOH W/ WIRELINE. RIH W/ 7" X 2-7/8 PACKER. 82 JOINTS 2-7/8 TUBING. TAGGED PLUG @ 2669. PULL UP HOLE @ 2663. SET PACKER TEST PLUG @ 1000 PSI. UNSET PACKER. POOH WITH PACKER AND TUGGING INTO DERRICK. RIH W/ WIRELINE. PERFORATED FROM 2617 TO 2335'. RD BWWC WIRELINE. RU EMPIRE TUBING. TESTING RIH W/ 7" X 2-7/8 PACKER W/ 81 JOINTS @ 2643. TESTING ALL TUBING @ 5000 PSI BELOW SLIPS RD TESTERS. PULL UP HOLE @ 2187 W/ 67 JOINTS WITH PACKER IN THE HOLE. LEFT PACKER HANGING CLOSE BOP.

11/26/12

RIGGED UP BAKER HUGHES PUMPING SERVICES. OPENED BOP WELL HAD 0 PSI. RIH WITH 2-3/8 TUBING @ 2644 W/ 81 JOINTS SETT PACKER. PUMPED 12 BBLs OF SPOT ACID. UNSET PACKER. PUH @ 2187 W/ 67 JOINTS OF 2-3/8 TUBING.

SET PACKER TEST LINES @ 6400 PSI. RIGGED BAKER HUGHES DOWN. OPENED WELL 4 HRS LATER ON A 17/64TH

FLOWED BACK 200 BBLs FROM 2:00 PM TO 12:00 AM = 10 HRS (ALL WATER) WELL DIED @ 12:00 AM. CLOSED BOP.

11/27/12

OPENED WELL @ 10:30 AM HAD 0 PRESSURE. STARTED SWABBING. MADE 16 RUNS TOTAL. FLUID LEVEL WAS STEADY @ 1300' ON EVERY RUN. SWABBED BACK DARK ACID WATER. SWABBED BACK A TOTAL OF 109 BBL SDN.

11/29/12

NO MEASUREABLE SHUT IN PRESSURE. SLIGHT BLOW. RIH WITH SWAB. IFL 1500'. MADE 21 SWAB RUNS WITH FL STAYING AT 1500' - 1600'. RUN # 22 FLUID LEVEL DROPPED TO 1900'. POOH WITH SWAB TRACE OF OIL. RUNS 1-22 RECOVERED 28 BLW. HOURLY SWAB RUNS STARTED AT 1:00 PM. RECOVERED 6.50 BLW LAST 5 SWAB RUNS AND ESTIMATED .25 BBLs OIL. SWI. RD SWAB. TUBING PRESSURE TO 40 PSI IN 15 MINS. BLEED OFF GAS PRESSURE. NU FRAC VALVE. WELL READY FOR FRAC.

11/30/12

MIRU PUMPING EQUIP TO FRAC PERFS 2335 - 2644' W/ GEL & N₂ CARRYING 84,744 LBS OF 20/40 BRADY SAND. TOTAL FLUID TO RECOVER 608 BBLs. TOTAL PROP 84,744 LBS 20/40 BRADY SAND. TOTAL N₂ DOWNHOLE 850,000 SCF. RD CUDD SERVICES. RU FLOWBACK OPERATIONS.

12/03/12

STIP 305 PSI BLEED OFF PRESSURE. NO FLUID. RU TO SWAB. IFL 1000'. PULLED SWAB FROM 2000' AND KICKED WELL OFF. WELL FLOWING TO TANK ON A 17/64" CHOKE WITH 190 PSI FTP. RECOVERED 30 BLW NO OIL. - 213 BLWTR.

11:00 AM - 12:00 PM WELL FLOWING ON A 17/64" CHOKE. PRESSURE DECREASED TO 140 PSI. RECOVERED 15 BLW. NO OIL. 12:00 PM - 01:00 PM

FLOWING ON A 17/64" CHOKE. PRESSURE DECREASED TO 90 PSI. RECOVERED 12 BLW. NO OIL.

01:00 PM - 01:30 PM FLOWING ON A 17/64" CHOKE. PRESSURE DECREASED TO 0 PSI. RECOVERED 4 BLW. NO OIL.

WELL FLOWED BACK 61 BLW. - 182 BLWTR.

12/04/12

1ST SWAB RUN. FL @ 1900'. SWABBED BACK 2 BBLs W/ 2% OIL CUT.

2ND THRU 8TH SWAB RUNS ALL DRY.

UNSET 7" X 2 ½" PKR. POOH W/ SN. PKR & 67 JTS 2 ½" TBG INTO DERRICK. LD PKR. CLOSED BOP. SECURED WELL.

12/05/12

WELL HAD 0 PSI. OPENED BOP. RIH W/ 6" SKIRTED 3-CONE BIT. (4) 4 ½" DCS & 78 JTS 2 ½" TBG. TAG @ 2669'. TRIED TO CIRC THRU BACKSIDE BUT COULDN'T GET ANY RETURNS. SWITCHED HOSES TO DRILL CONVENTIONAL. DRILLED @ RATE OF 2.5 BPM. W/ 1000# TORQUE. PUMP PRESS 0 PSI. DRILLED FOR 1 ½ HRS. IT TOOK 390 BBLs OF 2% KCL TO DRILL PLUG LOOSE. PUSHED PLUG TO TOP OF 2ND PLUG MAKING 4 CONNECTIONS W/ 82 JTS. BIT & DCS IN THE HOLE @ 2836'. DRILLED OUT 1ST PLUG WITH VERY LITTLE RETURNS BUT DID GET BACK RUBBER FROM 1ST PLUG. DRILLING GOT EASIER WITH A 500# TORQUE BUT STILL LOSING MORE FLUID THAN RETURNED. LD SWIVEL. PUH ABOVE PERFS. CLOSED BOP. SECURE WELL.

12/06/12

POOH W/ TBG & COLLARS. INSPECTED 6" BIT USED FROM PREVIOUS DAY. RIH W/ 6" SKIRTED BIT. (4) 4 ½" DCS. 83 JTS 2 ½" L-80 TBG. TAG TOP OF PLUG @ 2836'. STARTED PUMPING @ RATE OF 3.0. GOT 20% CIRCULATION BACK. STARTED DRLG W/ 18 PTS ON TOP OF PLUG (DRILLING CONVENTIONAL). 1000 LBS TORQUE. RATE 3.0. PUMP PSI 0. DRILL THRU 2ND PLUG USING 650 BBLs 2% KCL. RIH MAKING 6 CONNECTIONS. TAG BTM W/ 89 JTS INCLUDING DCS. BTM @ 3012'. PUH LAYING 6 JTS 2 ½" TBG ON RACKS. BIT @ 2836'. CIRC 1 HOUR USING 186 BBLs 2% KCL W/ 20% RETURNS. POOH W/ TBG. DCS & BIT. LAYING DOWN ON RACKS. RD NABORS.

12/07/12

RIH TESTING TBG @ 5000 PSI BELOW SLIPS. RIH W/ 3 ½" MOTHER HUBBARD W/ BULL PLUG. 3 ½" X 2 ½" CROSS-OVER. 2 ½" SN. 2 ½" ENDURO JT. 3 JTS 2 ½" TBG. 2 ½" X 7" TAC. 68 JTS 2 ½" TBG. LAND END OF TBG @ 2254'. ND BOP. SET TAC. NU WH. RIH W/ 1-20" X 1.5" PUMP W/ 16" DIP TUBE. 88 ¾" RODS. 2' X ¾" SUB. SPACED WELL OUT. CHECKED PUMP ACTION. GOOD. HUNG HEAD.