

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. 30-025-39899
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
6. State Oil & Gas Lease No. N/A
7. Lease Name or Unit Agreement Name V Laughlin (302374)
8. Well Number 008
9. OGRID Number 873
10. Pool name or Wildcat Skaggs; D (57000) & Monument; T (47090)

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 ☐ Other2. Name of Operator
Apache Corporation3. Address of Operator
303 Veterans Airpark Lane, Suite 3000 Midland, TX 797054. Well Location
Unit Letter C : 950 feet from the North line and 2310 feet from the West line
Section 09 Township 20S Range 37E NMPM County Lea11. Elevation (Show whether DR, RKB, RT, GR, etc.)
3550' GR

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 ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
 COMMENCE DRILLING OPNS. ☐ P AND A ☐
 CASING/CEMENT JOB ☐

OTHER: ☐OTHER: Plugback ☒

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 did the following to this well:

4/30/2013 MIRU. TOH w/ pump, rods & tbq.

5/01/2013 Set CIBP @ 6850'. Perf Drinkard @ 6700'-6720', 6814'-6819', 6826'-6830', 6839'-6844', w/ 3 SPF, 102 holes.

5/03/2013 Spot 147 gals acid. Acidize w/ 3000 gals 15% HCL Drinkard blend. 5/06/2013 Pumped 1176 gals pad & shut down.

5/07/2013 Change out workstring. 5/08/2013 Test workstring. 5/10/2013 Attempt to frac Drinkard, detected communication.

5/13/2013- 5/14/2013 Fish workstring, engage fish @ 4480'. 5/15/2013 PU workstring. 5/16/2013 NU frac stack.

5/17/2013 Frac Drinkard w/ 56,448 gals 15# XL & 5924# 100 MESH.

5/21/2013 CIBP@6600'. Perf Tubb @ 6402'-08' 2 SPF, 6414'-18' 3 SPF, 6427'-42' 2 SPF, 6493'-97' 3 SPF, 6510'-6522' 3 SPF, 102 holes.

5/22/2013 Spot 126 gals acid. Acidize Tubb w/ 3600 gals 15% HCL Tubb blend.

5/24/2013 Frac Tubb w/ 14,448 gals 15# XL & 86,847# proppant (100 MESH, 20/40, & garnet sand). Flush w/ 6216 gals 15# linear gel.

5/28/2013 Wash sand to CIBP @ 6600'. Push plug to 6800'.

5/29/2013 Push plug to PBTD @ 6850', top of other CIBP & circ clean. TIH w/ 2-7/8" J-55 6.5# prod tbq. SN @ 6751' & ETD @ 6834'.

5/30/2013 RIH w/ pump & rods. Pump test Tubb & Drinkard.

Spud Date: 11/27/2010

Rig Release Date: 12/13/2010

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

SIGNATURE

TITLE Regulatory Tech II

DATE 11/25/2013

Type or print name Fatima Vasquez

E-mail address: Fatima.Vasquez@apachecorp.com

PHONE: (432) 818-1015

For State Use Only

Petroleum Engineer

APPROVED BY:

TITLE

DATE

Conditions of Approval (if any):

DEC 02 2013

GL=3563'
KB=3574'
Spud:11/27/10

Apache Corporation – V. Laughlin #8

Wellbore Diagram

Date : 11/22/2013

API: 30-025-39899

Surface Location

K. Grisham



950' FNL & 2310' FWL,
Lot U Sec 9, T20S, R37E, Lea County, NM

Surface Casing

13-3/8" 48# H-40 @ 1197' w/ 850 sxs to surface

Intermediate Casing

8-5/8" 32# J-55 @ 4805' w/ 1705 sxs; topped w/ 15
bbls class C

TAC @ 6373'
SN @ 6751'
EOT @ 6834'

Hole Size
=17-1/2"

Hole Size
=11"

Hole Size
=7-7/8"

5/13: Perf Tubb 6402-6408' w/2 jspf. 6414-6418' w/3 jspf. 6427-6442' w/ 2 jspf.
6493-97; 6510-6522' w/3 jspf (102 holes). Start on wtr, press to 2790' formation
broke. Acidize w/ 3600 gals 15% HCl. Frac Tubb w/ 17682 gals slickwtr, 14,448 gals

5/13: Set CIBP @ 6850'. Perf Drinkard 6700-20; 6814-19; 26-30 & 39-44 w/ 3 jspf
(120 holes). Acidize w/ 3000 gals 15% HCl acid. Frac w/ 13, 734 gals slickwtr and
5924 gals 100 Mesh. pump 56,448 gals 15# XL assist pad 25 bbls/min. Tbg and csg

5/12: Acidized 6928-7606 w/ 6,000 gal gelled 15% NEFE

1/11: Perf Abo Stage 5 @ 6928-32; 6940-52; 6958-63; 6968-70 w/ 2 jspf
(54 holes) Acidized w/ 3000 gal 15% NEFE acid

1/11: Perf Abo Stage 4 @ 7091-94; 7097-7110; 7113-20; 7125-29; 7145-47;
7150-54; 7158-62; 7167-70; 7190-97 w/ 2 jspf (112 holes)
Acidized w/ 6500 gal 15% NEFE acid

8/12: RBP set @ 7218. Isolating 7240-7606

1/11: Perf Abo Stage 3 @ 7240-45; 7250-68; 7282-86; 7298-7305 w/ 4 jspf
(152 holes) **Could not break down, communicated w/ stage 2**
5/12: Gas gun shot across 7250-68.

1/11: Perf Abo Stage 2 @ 7368-74; 7380-84; 7394-97; 7407-13 w/ 4 jspf (92
holes) **Could not break down, communicated w/ stage 3**
5/12: Fire Gas gun across 7380-84; 7407-13.

1/11: Perf Abo @ Stage 1 7522-26; 7540-44; 7547-50; 7565-77; 7592-94;
7596-7606 W/ 2 jspf (82 holes) **Could not break down**
5/12: Perf 7540-44; 7565-77; 7592-94 w/ 2 jspf (36 holes). Fire Gas Gun
across 7540-44; 7565-77; 7592-94. Acidized w/ 2700 gal 15%.
Communicated uphole

PBTD = 6,850'
MD = 7,714'

Production Casing

5-1/2" 17# J-55 @ 7714' w/ 825 sxs to surface