

HOBBS OGD

JAN 31 2014

RECEIVED

CONSERVATION DIVISION

1220 South St. Francis Dr.

Santa Fe, NM 87505

WELL API NO.

30-025-41454

5. Indicate Type of Lease

STATE ☒ FEE ☐

6. State Oil & Gas Lease No.

7. Lease Name or Unit Agreement Name

State C Tract 12 Com

8. Well Number 001Y

9. OGRID Number

873

10. Pool name or Wildcat

Wantz; Abo (62700)

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

Apache Corporation

3. Address of Operator

303 Veterans Airpark Lane, Suite 1000 Midland, TX 79705

4. Well Location

Unit Letter D 330 feet from the North line and 380 feet from the West line

Section 16 Township 21S Range 37E NMPM County Lea

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

3497' GL

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: COMPLETION ☒

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 completed this well, as follows:

11/27/2013 MIRUSU Log well from 11,000' to TOC @ 35' (CBL). Shoot Stage 1 Abo Perfs @ 11,006-08', 10,932-34', 10,860-62' (6 SPF).

Mini-frac pumped 200 BBL acid; watching pressure.

12/02/2013 Frac w/265 BBL 15% HCL; 2628 BBL Slickwater; 2475 BBL Crosslink; 300 BBL linear gel; w/132,000# Total Prop (30,000# 100 Mesh, 86,000# 40/70 White, 16,000# 40/70 RC)

RIH & set CFP @ 10,787'. Shoot Stage 2 Abo Perfs @ 10,714-16', 10,642-44', 10,569-71' (6 SPF).

Frac w/270 BBL 15% HCL; 2912 BBL Slickwater; 2585 BBL Crosslink; 145 BBL linear gel; w/130,540# Total Prop (27,980# 100 Mesh, 86,560# 40/70 White, 16,000# 40/70 RC)

RIH & set CFP @ 10,500'. Shoot Stage 3 Abo Perfs @ 10,424-26', 10,356-58', 10,260-62' (6 SPF).

Frac w/285 BBL 15% HCL; 2692 BBL Slickwater; 3335 BBL Crosslink; 172 BBL linear gel; w/130,340# Total Prop (28,500# 100 Mesh, 86,040# 40/70 White, 15,800# 40/70 RC)

12/03/2013 RIH & set CFP @ 10,210'. Shoot Stage 4 Abo Perfs @ 10,155-57', 10,078-80', 9999-10,001' (6 SPF).

Frac w/285 BBL 15% HCL; 2645 BBL Slickwater; 2833 BBL Crosslink; 73 BBL linear gel; w/132,060 Total Prop (28,020# 100 Mesh, 88,040# 40/70 White, 16,000# 40/70 RC) --- CONTINUED ON NEXT PAGE ---

Spud Date:

10/20/2013

Rig Release Date:

11/26/2013

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 1/29/2014

Type or print name Reesa Fisher

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

PHONE: (432) 818-1062

For State Use Only

Petroleum Engineer

APPROVED BY:

TITLE

DATE

Conditions of Approval (if any):

FEB 19 2014

FEB 19 2014

State C Tract 12 Com #001Y

30-025-41454

Apache Corp.

Completion continued from C-103:

12/03/2013 RIH & set CFP @ 9935'. Shoot Stage 5 Abo Perfs @ 9851-53', 9784-86', 9706-08' (6 SPF).
Frac w/295 BBL 15% HCL; 2577 BBL Slickwater; 2697 BBL Crosslink; 127 BBL linear gel; w/131,020 Total Prop
(29,000# 100 Mesh, 85,020# 40/70 White, 17,000# 40/70 RC)
RIH & set CFP @ 9656'. Shoot Stage 6 Abo Perfs @ 9606-08', 9540-42', 9460-62' (6 SPF).
Frac w/300 BBL 15% HCL; 2579 BBL Slickwater; 2604 BBL Crosslink; 125 BBL linear gel; 131,940# Total Prop
(30,000# 100 Mesh, 86,000# 40/70 White, 15,940# 40/70 RC)
RIH & set CFP @ 9390'. Shoot Stage 7 Abo Perfs @ 9314-16', 9242-44', 9160-62' (6 SPF).
Frac w/295 BBL 15% HCL; 2478 BBL Slickwater; 2617 BBL Crosslink; No linear gel; 131,620# Total Prop
(30,000# 100 Mesh, 85,620# 40/70 White, 16,000# 40/70 RC)
RIH & set CFP @ 9070'. Shoot Stage 8 Abo Perfs @ 8986-88', 8905-07', 8822-24' (6 SPF).
Frac w/286 BBL 15% HCL; 2491 BBL Slickwater; 2503 BBL Crosslink; No linear gel; 130,000# Total Prop
(29,000# 100 Mesh, 86,000# 40/70 White, 15,000# 40/70 RC)
RIH & set CFP @ 8760'. Shoot Stage 9 Abo Perfs @ 8698-8700', 8624-26', 8550-52' (6 SPF).
Frac w/286 BBL 15% HCL; 2381 BBL Slickwater; 2466 BBL Crosslink; No linear gel; 130,060# Total Prop
(28,000# 100 Mesh, 86,020# 40/70 White, 16,040# 40/70 RC)
RIH & set CFP @ 8490'. Shoot Stage 10 Abo Perfs @ 8424-26', 8354-56', 8254-56' (6 SPF).
Frac w/285.5 BBL 15% HCL; 2075.5 BBL Slickwater; 2420 BBL Crosslink; No linear gel; 127,040# Total Prop
(30,040# 100 Mesh, 81,000# 40/70 White, 16,000# 40/70 RC)
RIH & set CFP @ 8204'. Shoot Stage 11 Abo Perfs @ 8156-58', 8056-58', 7975-77' (6 SPF).
Frac w/310 BBL 15% HCL; 2760 BBL Slickwater; 2514 BBL Crosslink; 46 BBL linear gel; 135,300# Total Prop
(32,000# 100 Mesh, 87,280# 40/70 White, 16,020# 40/70 RC)
RIH & set CFP @ 7914'. Shoot Stage 12 Abo Perfs @ 7867-69', 7750-52', 7680-82' (6 SPF).
Frac w/295 BBL 15% HCL; 2834 BBL Slickwater; 2347 BBL Crosslink; 27 BBL linear gel; 137,000# Total Prop
(32,000# 100 Mesh, 89,000# 40/70 White, 16,000# 40/70 RC)

12/06/2013 Clean loc. Set anchors, MIRUSU & RU

12/09/2013 Start in hole w/WS tbg.

12/10/2013 Start DO on CFP's @ 7915' & 8204'.

12/11/2013 Kill well and change tools.

12/12/2013 RIH w/tbg to KOP @ 6286'; check pressure change.

12/16/2013 Pull tools and change to mill.

12/17/2013 TOH w/tools while WO bigger pump. Decided to find coil unit to finish drill out.

12/20/2013 MIRU Coil Unit – DO CFP's @ 8490', 8760', 9070', 9390', & 9656'.

12/21/2013 Continue DO of CFP's @ 9934', 10,210', 10,500', 10,787', & 11,056'.

01/09/2014 MIRUSU & RU

01/10/2014 RIH w/NC & 2-7/8" WS.

01/11/2014 RIH w/tbg & run tracer log.

01/14/2014 RIH w/2-7/8" tbg to 3200'.

01/15/2014 Continue RIH w/prod tbg to 6348'.

01/16/2014 RIH w/new sub pump, hook up power & POP. 01/17/2014 Finish building battery.

State C Tract 12 Com #1Y
Wellbore Diagram (Current Configuration)

Apache

Prepared By: Cindy Rios
 Date: 1/28/2014

API: 30-025-41454
 FORMATION: Abo
 FIELD: Wantz Abo
 SURFACE LOC: 330' FNL & 380' FWL Unit D, Sec 16 T21S R37E
 BOTTOM HOLE LOC: 330' FSL & 380' FWL Unit M, Sec 16 T21S R37E
 COUNTY / STATE: Lea/NM
 WI/NRI: 100%/87.02%

SPUD DATE: 10/20/2013
 RIG RELEASE: 11/27/2013
 FRAC DATE: 12/2/2013

KB: 3510'
 GL: 3497'
 TVD @ TMD: 6,871.7' (survey)
 TMD: 11,258'
 PBTD: 11,056'
 KOP: 6286'

SURF CSG: 13-3/8" 54.5# J-55 BTC @ 1324'
 CEMENT: 1095 sx with cement to surface

INTER CSG: 8-5/8", 32#, J-55, STC (88 JTS) & 8-5/8", 32#, HCK-55, STC (63 JTS) @ 6083'
 CEMENT: 1210 sx w/ TOC @ 480' (temperature survey), no cmt to surface
 Top cemented from 480' to surf w/ 140 sx 14.8 Class C, circ 5 bbls to surf.

PROD CSG: 5-1/2" 20# P-110 BTC @ 11,219'. Marker jt. @ 8896.9' (Top)
 CEMENT: 1590 sx, TOC @ 35' (CBL)

FLOAT COLLAR: 11,174.44 ft (Top)
 RDV TOOL: 11,086.66 ft (Top)

TUBING: TBD

COMPLETION: Plug & Perf 12 stages from 7,680' to 11,059'. 3 x 2' perf clusters per stage @ 6 SPF, 60 deg phasing
 STIMULATON: 29.5 Mlbs 100 mesh/86 Mlbs 40/70 white sand/16 Mlbs 40/70 RC per stage

