

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

HOBBS OGD

JUN 17 2013

RECEIVED

OIL CONSERVATION DIVISION

1220 South St. Francis Dr.

Santa Fe, NM 87505

Form C-103

Revised August 1, 2011

WELL API NO. 30-025-33919	
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 Bertha Barber	
8. Well Number 016	
9. OGRID Number 873	
10. Pool name or Wildcat Monu Bli-46990/M.Tubb-47090/M.Abo-46970	
4. Well Location Unit Letter <u>K</u> : 2140 feet from the South line and 1650 feet from the West line Section <u>X 5</u> Township 20S Range 37E NMPM County Lea	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3554' GL	
1. Type of Well: Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>	
2. Name of Operator Apache Corporation	
3. Address of Operator 303 Veterans Airpark Lane, Suite 3000 Midland, TX 79705	
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.)	

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: RC ☒

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 performed the following to DO plugs, squeeze the Blinbry & acidize the Tubb & Abo:

1/16/2013 MIRUSU Tag CIBP @ 5663'; establish circ, DO CIBP & circ hole clean.
1/17/2013 RIH & set cmt ret & tbg @ 5540'. 1/18/2013 Pump 470 sx Class C; circ 32 sx to pit - circ hole clean.
1/21/2013 DO cmt ret @ 5540'. DO cement to 5552'; circ hole clean.
1/22/2013 DO cmt from 5552'-5704'; circ hole clean.
1/23/2013 DO cmt from 5704'-5809'; fell out of cmt @ 5809'. RIH to 5872'; circ clean.
1/24/2013 Pump 43 sx Class C; press up & squeeze leak @ 1500#. 1/25/2013 RIH w/drill collars & bit.
1/28/2013 RIH w/tbg & tag cmt @ 5316'. Estab circ; drill hard cmt from 5316'-5614'; circ hole clean.
1/29/2013 DO cmt from 5614'-5874'. RIH & tag CIBP @ 5880'.
1/30/2013 DO cmt from 5874'-5900'; circ clean. 1/31/2013 DO CIBP @ 5900'.
2/01/2013 Acidize Abo w/1500 gal 20% NEFE acid & Tubb w/2000 gal 20% NEFE acid. 2/04-05/2013 Swab
2/06/2013 RIH w/prod equip - 2-3/8" tbg - SN @ 7268'; ETD @ 7268'. 2/07/2013 RIH w/pump & rods. Leave well pumping.

Spud Date:

5/12/1997

Rig Release Date:

6/8/1997

DHC-2506

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

SIGNATURE

Reesa Holland Fisher

TITLE Sr. Staff Reg Tech

DATE 6/11/2013

Type or print name Reesa Holland Fisher

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

PHONE: 432/818-1062

For State Use Only

APPROVED BY:

[Signature]

TITLE

Petroleum Engineer

DATE

JUN 20 2013

Conditions of Approval (if any):

GL=3554'
KB=3570'
Spud:5/12/97

Apache Corporation – Bertha Barber #16

Wellbore Diagram – Current

Date : 7/11/2012

API: 30-025-33919

Surface Location

R. Taylor



2140' FNL & 1650' FWL,
Lot K Sec 5, T20S, R37E, Lea County, NM

Surface Casing

13-3/8" 48# K-55 @ 490' w/ 545 sxs to surface

Intermediate Casing

8-5/8" 24# & 28# @ 2429' w/ 980 sxs to surface

9/99: Sqz'd csg leak @ 3,758'-3,788' w/1600 sxs 800 sx foamed, 100 sx thix, 700 sx class "C" w/ adds; multiple attempts failed

9/99: Ran 7" csg patch @ 3,753'-3793'.

9/99: Ran 108 jts 4-1/2" tie-back string to surf, pmpd 450 sx class "C" neat, then stung into liner top.

6/97: 4-1/2"x 7" Liner Hanger @ 4812'

TAC @ 6297'

Intermediate Casing II

7" 23# K-55 @ 5122' w/ 150 sxs

1/09: POOH w/ tbg & set CIBP @ 5,563'. Well TA'd, expires 1/27/14.

5/07: Perf Blinebry @ 5,604'-30', 5684'-5730', 5,744'-52', 56'-60', 70'-72', 80'-87', 98'-5,802'. (218 holes) Acidized w/ 8000 gal 15% HCl.
1/13: SQZ Blinebry w/ 470 sxs cement

7/07: Set CIBP @ 5,737'. Isolated fr/ 5,744'-5,802'. 3/08: DO CIBP & push down to 5,880'.

5/07: Set CIBP @ 5,900' w/10'cmt. 1/13: DO CIBP.

10/99: Perf Tubb @ 6418-6422, 6437-6439, 6442-6452, 6464-6481 w/ 1 jspf. (66 holes). Acidized w/ 3000 gal 15%. Frac'd w/ 33k gal Delta frac w/ 32.5k# 20/40 snd.
2/13: Acidized w/ 2000 gallons 20% NEFE

6/97: Perf Abo @ 7,204 - 7,230' w/ 2 jspf (54 holes). Acidize w/2,000 gals 15% Ferchek
2/13: Acidized w/ 1500 gallons 20% NEFE

2/05: Tight spot in csg @ 7,447'.

Production Liner

4-1/2" 11.6# K-55 @ 7796' w/ 235 sxs to 4812'
Liner Hanger @ 4812'

