

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

Form C-103

Revised July 18, 2013

HOBBS OCE APR 03 2014 RECEIVED		WELL API NO. 30-025-33758
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.)		5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
1. Type of Well: Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>		6. State Oil & Gas Lease No.
2. Name of Operator Apache Corporation		7. Lease Name or Unit Agreement Name W A Weir B (302376)
3. Address of Operator 303 Veterans Airpark Lane, Suite 3000 Midland, TX 79705		8. Well Number 005
4. Well Location Unit Letter <u>C</u> : 990 feet from the <u>North</u> line and <u>1650</u> feet from the <u>West</u> line Section <u>26</u> Township <u>19S</u> Range <u>36E</u> NMPM County <u>Lea</u>		9. OGRID Number 873
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3682' GR		10. Pool name or Wildcat Monument; Abo (46970)

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: Add Pay ☒

SUBSEQUENT REPORT OF:

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

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 would like to stimulate the middle Abo then perforate and acidize the upper Abo per the attached procedure.

Spud Date:

03/28/1997

Rig Release Date:

04/14/1997

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

SIGNATURE

TITLE Regulatory Analyst II

DATE 04/01/2014

Type or print name Fatima Vasquez

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

PHONE: (432) 818-1015

For State Use Only

APPROVED BY:

TITLE

Petroleum Engineer

DATE

APR 07 2014

Conditions of Approval (if any):

APR 07 2014

Weir B #5

API # 30-025-33758

Sec 26, T19S, R36E

Elevation: 3735' KB, 3682' GL

TD: 7,700'

PBTD: 7,510'

Casing Record: 8-5/8" 24# J-55 @ 1294' w/ 400 sxs
5-1/2" 15.5# J-55 @ 7,700' w/ 175 sxs

Perfs: Abo: 7558-61; 7568-72; 7585-98 w/ 4 jspf (83 holes). SQZ'd w/ 207 sxs
Abo: 7340-58; 7366-88; 7398-7413; 7420-50 w/ 4 jspf (344 holes)

Objective: Stimulate the middle Abo, perforate and acidize the upper Abo. RTP

AFE: 11-14-1210

1. MIRU unit. Kill well as necessary. Unseat pump. POOH w/ rods and pump.
2. ND WH. NU BOP. Release TAC. POOH w/ tubing and TAC.
3. PU and RIH w/ 4-3/4" bit, bit sub, drill collars on 2-7/8" WS to PBTD @ 7,510'. Clean out if necessary. POOH.
4. RIH w/ sonic hammer on 2-7/8" production tubing to bottom perf @ 7,450'.
5. MIRU acid services. Acidize down 2-7/8" J-55 tubing w/ 5000 gals of 15% NEFE HCL w/ additives through the sonic hammer moving across entire open hole interval from 7,340'-7,450'.
6. RU swab equipment and recover load and swab test perfs for fluid entry and oil cut. Report results to Midland. RD swab equipment.
7. Kill well if necessary. TOH w/ sonic hammer and 2-7/8" tubing.
8. MIRU WL unit. RIH w/ perforating gun and perforate the upper Abo from 7163-70; 7180-86; 7222-35; 7249-56; 7263-69; 7276-85; 7295-99 w/ 2 jspf 120° phasing (104 holes). TOH w/ perf guns. **Correlate to Schlumberger Platform Express Litho Density/Compensated Neutron/Gamma Ray log dated 4/12/1997.** RDMO WL.
9. PU and RIH w/ SN and RBP-PKR straddle assembly w/ ball catcher. Set RBP w/ ball catcher @ ± 7,330'. TOH and set PRK @ 7,305'. Test RBP to 2000 psi. TOH and set the SN and PKR above the new perforations at ± 7,110'. Test backside to 500 psi.
10. MIRU acid services. Acidize the UPR Abo (7,163-7,299) down the tubing with 3900 gallons 15% NEFE w/ additives using 200 ball sealers to divert evenly spaced throughout the job as a max rate but do not exceed 6,000 psi surface treating pressure. Displace to bottom perf with 45 bbls of flush. Release PKR and knock balls off. TOH and set PKR at 7,110'.
11. RU swab equipment and recover load and swab test perfs for fluid entry and oil cut. Report results to Midland. RD swab equipment.
12. Kill well if necessary. Unset PRK and TIH to RBP w/ ball catcher @ 7,330'. Retrieve RBP and TOH w/ PRK and RBP assembly.
13. RIH w/ production tbg and rods as per the Monument office specification
14. RDMOPU. Return well to production and place into test for 10 days.

GL=3682'
KB=3735'
Spud: 3/28/97

Apache Corporation – W. A. Weir B #5

Wellbore Diagram – Current Status

Date : 3/26/2014

API: 30-025-33758



Surface Location

R. Taylor

990' FNL & 1650' FWL, Unit c
Sec 26, T19S, R36E, Lea County, NM

Surface Casing

8-5/8" 24# J-55 @ 1294' w/ 400 sx

Hole Size
=11"

DV tool
@ 7148 w/
1325

TAC @ 7268'
SN @ 7485'

5/97: Perf Abo Stage II @ 7340-58; 7366-88; 7398-7413; 7420-50 w/ 4 jspf (344 holes). Acidized w/ 2700 gal 15% NEFE acid. Re-acidized w/ 8000 gal 15% HCL.

6/97: Acidized w/ 5000 gal 15%

2/06: Acidize w/ 900 gal 15%

5/97: Cmt plug to 7510'

5/97: Perf Abo Stage I @ 7558-61; 7568-72; 7585-98 w/ 4 jspf (83 holes). Acidized w/ 1000 gal 15% NEFE acid. SQZ'd w/ 207 sxs cmt

Hole Size
=7-7/8"

Production Casing

5-1/2" 15.5# J-55 @ 7700' w/ 175 sxs

PBTD = 7510' MD
TD = 7700' MD

GL=3682'
KB=3735'
Spud: 3/28/97

Apache Corporation – W. A. Weir B #5

Wellbore Diagram – Proposed Status

Date : 3/26/2014

API: 30-025-33758



Surface Location

R. Taylor

990' FNL & 1650' FWL, Unit c
Sec 26, T19S, R36E, Lea County, NM

Surface Casing

8-5/8" 24# J-55 @ 1294' w/ 400 sx

TAC @ TBD'
SN @ TBD'

DV tool
@ 7148 w/
1325

TBD: Perf Abo @ 7163-70; 7180-86; 7222-35; 7249-56; 7263-69; 7276-85;
7295-99 w/ 2 jspf (104 holes). Acidized w/ 3900 gal 15% NEFE.

5/97: Perf Abo Stage II @ 7340-58; 7366-88; 7398-7413; 7420-50 w/ 4 jspf
(344 holes). Acidized w/ 2700 gal 15% NEFE acid. Re-acidized w/ 8000
gal 15% HCL.

6/97: Acidized w/ 5000 gal 15%

9/97: Acidized w/ 10,000 gal 20% HCL/HV-60

2/06: Acidized w/ 900 gal 15%

TBD: Acidized w/ 5000 gal 15% w/ sonic hammer

5/97: Cmt plug to 7510'

5/97: Perf Abo Stage I @ 7558-61; 7568-72; 7585-98 w/ 4 jspf (83 holes).
Acidized w/ 1000 gal 15% NEFE acid. SQZ'd w/ 207 sxs cmt

Production Casing

5-1/2" 15.5# J-55 @ 7700' w/ 175 sxs

PBTD = 7510' MD
TD = 7700' MD

Hole Size
=11"

Hole Size
=7-7/8"