

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

Form C-103  
 Revised July 18, 2013

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

WELL API NO. 30-015-05934
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. B-752
7. Lease Name or Unit Agreement Name Empire Abo Unit (309164)
8. Well Number 019A
9. OGRID Number 873
10. Pool name or Wildcat Empire; Abo (22040)
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3654' RKB

**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 J : 1650 feet from the South line and 1650 feet from the East line  
 Section 36 Township 17S Range 27E NMPM County Eddy

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

<b>NOTICE OF INTENTION TO:</b> PERFORM REMEDIAL WORK <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> TEMPORARILY ABANDON <input checked="" type="checkbox"/> CHANGE PLANS <input type="checkbox"/> PULL OR ALTER CASING <input type="checkbox"/> MULTIPLE COMPL. <input type="checkbox"/> DOWNHOLE COMMINGLE <input type="checkbox"/> CLOSED-LOOP SYSTEM <input type="checkbox"/> OTHER: <input type="checkbox"/>		<b>SUBSEQUENT REPORT OF:</b> REMEDIAL WORK <input type="checkbox"/> ALTERING CASING <input type="checkbox"/> COMMENCE DRILLING OPNS. <input type="checkbox"/> P AND A <input type="checkbox"/> CASING/CEMENT JOB <input type="checkbox"/> OTHER: <input type="checkbox"/>	
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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 perform the following work:

Producing Interval: 5,436-626'

Objective: TA Wellbore. Currently performing geological and petrophysical studies to determine feasibility for recompletion. Evaluating wellbore to bring it back to production.

Procedure:

1. POOH with rods and pump
2. Set a CIBP @ 5,385' and dump bail 35' of cmt
3. Circulate fluid and pressure test casing to 500 psi
4. Record the test on a chart and submit to OCD for approval

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 Isabel Hudson TITLE Regulatory Analyst DATE 01/09/2017

Type or print name Isabel Hudson E-mail address: Isabel.hudson@apachecorp.com PHONE: (432) 818-1142

For State Use Only

APPROVED BY: [Signature] TITLE DI SUPERVISOR DATE 17 JAN 17  
 Conditions of Approval (if any):



January 9, 2017

Empire ABO Unit # G-19  
Legal Name: Empire ABO Unit #019A  
API # 30-015-05934  
Eddy County, NM  
Producing Interval: 5,436-626'

**Objective:** TA Wellbore. Currently performing geological and petrophysical studies to determine feasibility for recompletion. Evaluating wellbore to bring it back to production.

**Procedure:**

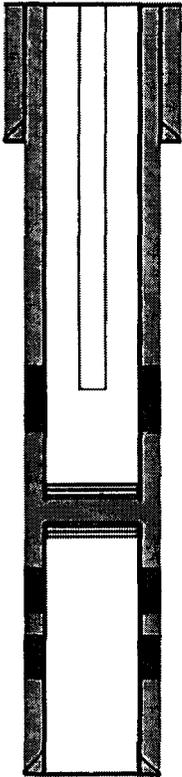
1. POOH with rods and pump
2. Set a CIBP @ 5,385' and dump bail 35' of cmt
3. Circulate fluid and pressure test casing to 500 psi
4. Record the test on a chart and submit to OCD for approval

Apache Corp.

GROUP:	Permian North	DATE:	Jun. 18, 2013
FIELD:	Artesia (BP)	BY:	Hillari J. Gould
LEASE/UNIT:	Empire Abo Unit	WELL:	G-19
COUNTY:	Eddy	STATE:	New Mexico
API:	30-015-05934		

Unit Letter J, Section 36, T-17-S, R-27-E  
Spud Date: 02/11/61

KB = 11'  
GL = 3643'



B 5/8" 24# J-55 Set @ 950'  
CMT W/ 400 SX (SURF/CIRC)

2 3/8" TBG @ 5524'

**GREEN SHALE**  
12/99 Perf @ 5436'-5626' (24 shots)  
12/99 Acidized w/ 2000 gal 15% HCL, 10000 gal Pentol 100, 4000 gal 20% HCL  
& 2000 gal slick water, Returned to production

**ABO**  
2/61 Perf @ 5749'-5766' w/ 2 JSPF  
2/61 Acidized w/3000 gals acid  
6/72 Perf @ 5776'-5781' & 5788'-5793' w/ 2 JSPF  
6/72 Fraed w/ 30000 gals 1% KCL water & 11500# 20/40 SD  
6/74 Acidized w/ 6000 gals & converted to gas injection  
10/89 CIBP @ 5680,  
12/99 CR @ 5650' w/ 100 sx cmt beneath

5 1/2" 14/15 5# J-55 Set @ 5970'  
CMT W/ 600 SX (SURF/CIRC)

TD: 5970'  
PBTD: 5920'