

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

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b> (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.)		WELL API NO. 30-015-22011
1. Type of Well: Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>		5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
2. Name of Operator Apache Corporation		6. State Oil & Gas Lease No. B0-3823-0010
3. Address of Operator 303 Veterans Airpark Lane, Suite 1000 Midland, TX 79705		7. Lease Name or Unit Agreement Name Empire Abo Unit (309164)
4. Well Location Unit Letter <u>A</u> : <u>700</u> feet from the <u>North</u> line and <u>450</u> feet from the <u>East</u> line Section <u>05</u> Township <u>18S</u> Range <u>28E</u> NMPM County <u>Eddy</u>		8. Well Number <u>281A</u>
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3660' GR		9. OGRID Number 873
		10. Pool name or Wildcat Empire; Abo (22040)

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: Perf & Acidize ☒

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 perform the following work: Producing Interval: 6,208-24' Objective: Isolate open perfs, add perfs and acidize. Procedure:

1. POOH with rods and tbg
2. Scan tbg and lay down any worn jts
3. Rig up wireline
4. RIH with CIBP and set it @ 6,200'
5. Add perfs (4spf 60° phasing)  
• 6,173-88'
6. RIH with Model R packer and test tbg to 80%
7. Set packer @ 6,150'
8. Acidize well with 600 gallons of 15% NEFE
9. POOH with packer
10. RIH with tbg and rods
11. Return well to production

NM OIL CONSERVATION  
ARTESIA DISTRICT

JAN 26 2017

RECEIVED

Spud Date:

02/27/1977

Rig Release Date:

03/14/1977

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 01/23/2017

Type or print name Isabel Hudson

E-mail address: Isabel.hudson@apachecorp.com

PHONE: (432) 818-1142

For State Use Only

APPROVED BY:

Raymond R. Polansky

TITLE

Geologist

DATE 3-6-17

Conditions of Approval (if any):

January 21, 2017

Empire ABO Unit # I-281

Legal Name: Empire ABO Unit #281A

API # 30-015-22011

Eddy County, NM

Producing Interval: 6,208-24'

**Objective:** Isolate open perfs, add perfs and acidize

**Procedure:**

1. POOH with rods and tbg
2. Scan tbg and lay down any worn jts
3. Rig up wireline
4. RIH with CIBP and set it @ 6,200'
5. Add perfs (4spf 60° phasing)
  - 6,173-88'
6. RIH with Model R packer and test tbg to 80%
7. Set packer @ 6,150'
8. Acidize well with 600 gallons of 15% NEFE
9. POOH with packer
10. RIH with tbg and rods
11. Return well to production

GL=3660'  
KB=3670'  
Spud: 2/27/77

## Apache Corporation – Empire Abo Unit #I-281

### Wellbore Diagram – Current Status

Date : 6/30/2011

API: 30-015-22011

#### Surface Location

R. Taylor



700' FNL & 450' FEL, Unit  
Sec 5, T18S, R28E, Eddy County, NM

#### Surface Casing

8-5/8" 24# K-55 @ 550' w/ 275 sx to surface

TOC @ 600'

DV @ 4380'

TAC @ 6158'

SN @ 6155'

11/78: Perf Abo @ 6208'-6224" w/ 2 JSPF

500 gal 15% HCL-NE-FE; 12 bbl brine, 48 bbl 15% NE acid

CICR set @ 6258'

11/78: Perf Abo @ 6272'-6292' w/ 2 JSPF

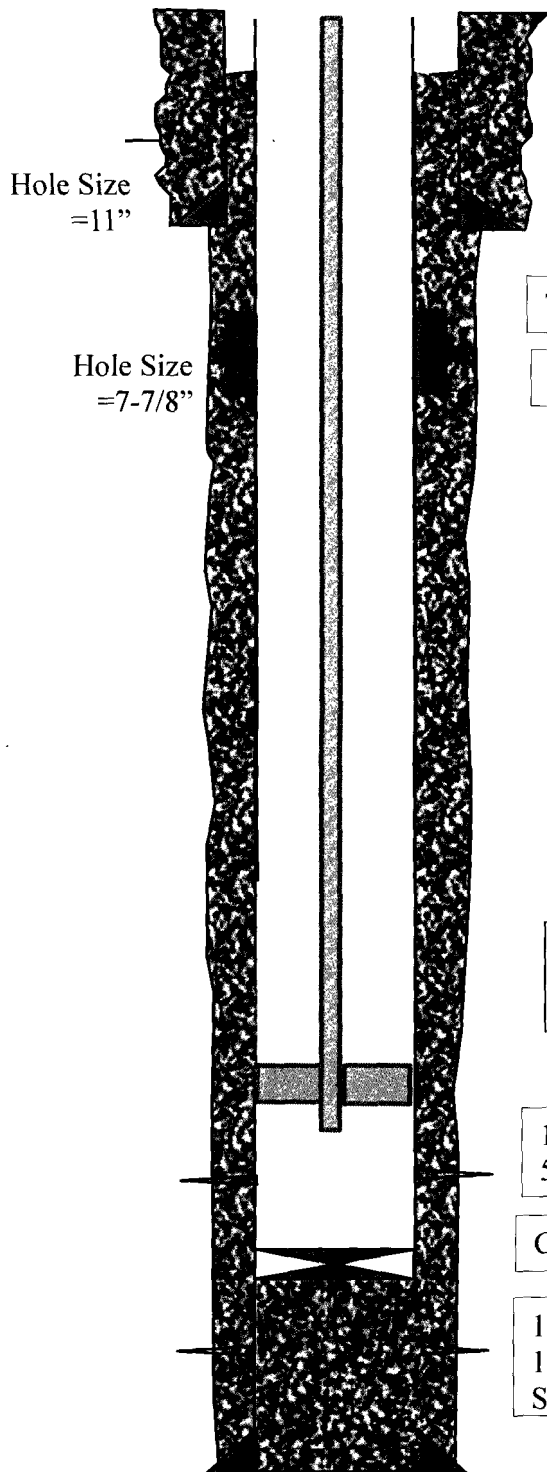
1000 gal 15% HCL-NE-FE- Tested wet

Sqzd w/ 175 sxs

#### Production Casing

5-1/2" 15.5# K-55 @ 6362' w/525 sxs

DV @ 4380' w/ 725 sxs.



PBTD = 6308'  
TD = 6362'