

Submit 1 Copy To Appropriate District
Office
District I - (505) 333-6161
1625 N. French Ave., Hobbs, NM 88240
District II - (505) 748-1283
811 S. First St., Aztec, NM 87410
District III - (505) 334-6178
1000 Rio Brazos Rd., Aztec, NM 87410
District IV - (505) 333-6161
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

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.)		WELL API NO. 30-015-01715
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. E-7116
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>G</u> : 1939 feet from the <u>North</u> line and <u>1966</u> feet from the <u>East</u> line Section <u>34</u> Township <u>17S</u> Range <u>28E</u> NMPM County <u>Eddy</u>		8. Well Number <u>035A</u>
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3665' GL		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:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input checked="" type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	P AND A <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	MULTIPLE COMPL <input type="checkbox"/>	CASING/CEMENT JOB <input type="checkbox"/>	
DOWNHOLE COMMINGLE <input type="checkbox"/>			
CLOSED-LOOP SYSTEM <input type="checkbox"/>			
OTHER: <input type="checkbox"/>		OTHER: <input type="checkbox"/>	

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.

Producing Interval: 5,788-957'

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 @ 5,738' 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

Empire Abo Unit is a former gas injection project. We are actively exploring feasibility of repressuring for water flood purposes. This evaluation involves extensive geology and engineering review of the entire unit. Without the proper geological analysis, we stand a chance to lose valuable resources by prematurely plugging the well at this time. We anticipate complete review by end of year 2017.

Spud Date: 06/06/1960

TA status may be granted after a successful MIT test is performed. Contact the OCD to schedule the test so it may be witnessed.

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

SIGNATURE Isabel Alonso TITLE Regulatory Analyst DATE 02/10/2017

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

For State Use Only

APPROVED BY: Rebecca/NGE TITLE COMPLIANCE OFFICER DATE 2/13/17
Conditions of Approval (if any):

February 9, 2017

Empire ABO Unit # F-35

Legal Name: Empire ABO Unit #035A

API # 30-015-01715

Eddy County, NM

Producing Interval: **5,788-957'**

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GL=3661'
KB=3672'
Spud Date: 6/6/60

Apache Corporation – Empire Abo Unit #F-35 Wellbore Diagram – Current Status

Date: 10/26/2011
S Hardin

API: 30-015-01715

Surface Location



1939' FNL & 1966' FEL, Unit G
Sec 34, T17S, R28E, Eddy County, NM

Surface Casing

8-5/8" 22.7# @ 1000' w/ 650 sx cmt to surface

TUBING DETAIL

Qty	Description	Length	Depth
179	2-3/8" J-55 8rd EUE 4.7#	5895'	5942'

Hole Size
=11"

Hole Size
=7-7/8"

TAC @ 5679'
SN @ 5942'

3/11: Perf Upper Abo @ 5788'-92', 5814'-18', 5832'-39', 5844'-46'
w/ 2 JSPF, 34 holes
Acidized w/ 3000 gals 15% HCL NEFE

2/11: Perf Upper Abo @ 5897'-99', 5916'-18', 5923'-25', 5928'-30',
5943'-45', 5955'-57', 5983'-85', 5991'-93', 6007'-09', 6019'-21',
6030'-32' w/ 2 JSPF, 44 holes
Acidized w/ 3000 gals 15% HCL NEFE

3/11: CIBP @ 5968'

3/11: CIBP @ 5975'

2/11: CIBP @ 6050'

7/89: Perf Abo @ 6054'-64'
Acidized w/ 1400 gals

7/89: CIBP @ 6100'

7/89: Perf Abo @ 6120'-30'
Acidized w/ 1600 gals

7/89: CIBP @ 6150'

7/89: Perf Abo @ 6159'-70', 6176'-82'
Acidized w/ 1500 gals

7/89: CIBP @ 6210'

6/60: Perf Abo @ 6228'-42', 6250'-76' w/ 2 JSPF, 20 holes

PBTD = 5968'
TD = 6336'

Production Casing

4-1/2" 9.5# J-55 @ 6336' w/ 850 sx cmt TOC
= 1350'