

Submit 1 Copy To Appropriate District
Office

OIL CONSERVATION
District I - (505) 334-1466
1625 N. French Dr., Artesia, NM 87514
District II - (575) 748-1283
811 S. First St., Artesia, NM 87514
District III - (505) 334-6178
1000 Rio Brazos Rd., Aztec, NM 87410
District IV - (505) 476-3469
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

RECEIVED FEB 13 2017		WELL API NO. 30-015-21792
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.
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 K : 1533 feet from the South line and 2370 feet from the West line Section 01 Township 18S Range 27E NMPM County Eddy		8. Well Number 182
11. Elevation (Show whether DR, RKB, RT, GR, etc.)		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.

Apache would like to perform the following work:

Producing Interval: 6,012-210'; OH 6,230-540'

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 @ 5,962' 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

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

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:

05/07/1976

Rig Release Date:

LAST PROP 3/1/2016

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 02/09/2017

Type or print name Isabel Alonso

E-mail address: isabel.alonso@apachecorp.com

PHONE: (432) 818-1142

For State Use Only

APPROVED BY:

Richard Inae

TITLE COMPLIANCE OFFICER

DATE 2/13/17

Conditions of Approval (if any):

February 8, 2017

Empire ABO Unit # K-182

Legal Name: Empire ABO Unit #182

API # 30-015-21792

Eddy County, NM

Producing Interval: **6,012-210'; OH 6,230-540'**

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
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3. Circulate fluid and pressure test casing to 500 psi
4. Record the test on a chart and submit to OCD for approval

GL=3613'
KB=3623'
Spud: 5/6/76

Apache Corporation – Empire Abo Unit #K-182

Wellbore Diagram – Current Status

Date : 6/28/2011

API: 30-015-21792

Surface Location

R. Taylor



1533' FSL & 2370' FWL, Unit
Sec 1, T18S, R27E, Eddy County, NM

Surface Casing

8-5/8" 24# K-55 @ 1003' w/400 sx to surface

Hole Size
=11"

SC @ 4343'

Hole Size
=7-7/8"

TAC @
5996'

9/04: Perf Abo @ 6012-6022 w/ 2 JSFP & 6066-6076 w/ 2 JSFP; 1500 gal 15% NEFE

CTI in
1994'

5/76: Perf Abo @ 6111'-6136' w/ 2 JSFP
3000 gal 15% HCL; 3000 gal 50/50 HCL/xylene
Sqzd w/ 50 sx in 79'

RTP in
2002'
2010'

9/04: Perf Abo @ 6110-6140' & 6180-6210
2550 gal 15% NEFE

SN @
6190'

5/79: Perf Abo @ 6203-6213' w/ 2 JSFP
150 gal acid; 1000 gal CaCl; 1000 gal gel LC, 1500 gal HCL; reperf,
treat w/ 2000 gal 15% HCL-LSTNE-FE. Sqzd w/ 75 sx

4/84: Drainhole 6225'-6540' 4-3/4" OH;
w/ 3000 gal 60/40 xylene/15% HCL;
75 bbls 50/50 xylene/15%

TVD = 6233'
MD=6539'

5/79: Perf Abo @ 6240-6260' w/ 2 JSFP
400 gal 15% HCL-LSTNE-FE; 2000 gal CaCl; 1000 gal gel LC
Sqzd w/ 150 sx in 84'

PBTD = 6232'
TD =6369'

Production Casing

180' of 5-1/2" 15.5# K-55 & 6189' 5-1/2" 14#
K-55 set @ 6369' w/450sx
SC @ 4343, cmt w/ 900sx to surface