

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

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. 30-015-39072
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
4. Well Location Unit Letter <u>G</u> ; <u>2590</u> feet from the <u>NORTH</u> line and <u>2495</u> feet from the <u>East</u> line Section <u>33</u> Township <u>17S</u> Range <u>28E</u> NMPM County <u>Eddy</u>		8. Well Number <u>400</u>
11. Elevation (Show whether DR, RKB, RT, GR, etc.) <u>3667' GR</u>		9. OGRID Number <u>873</u>
		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.

**NM OIL CONSERVATION
 ARTESIA DISTRICT**

SEP 17 2018

Apache would like to TA wellbore.
 POOH w/ rods and pump while laying down, TOOH w/ tubing and BHA
 2. MIRU wireline, RIH w/ gauge ring, POOH, RIH w/ CIBP, set @ 5770' (top of perms 5826'), POOH
 3. RIH w/ dump bailer and spot 4 sxs (35') of cement on top of CIBP, POOH
 4. RIH and tag TOC. Record depth of TOC. RD WL
 5. TIH w/ tubing (testing in)
 6. Test casing. If tests good, circulate hole w/ packer fluid and biocide
 Note: If casing does not test, TA operations will be postponed and the well evaluated for P&A.
 7. TOOH w/ tubing while scanning. Perform MIT
 8. TA well
 contact NMOCD 24 hours prior to performing MIT test

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

Spud Date: 08/31/2011 Rig Release Date: 09/13/2011

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

SIGNATURE Alicia Fulton TITLE Sr. Staff Reg Analyst DATE 9/17/2018

Type or print name Alicia Fulton E-mail address: alicia.fulton@apachecorp.com PHONE: (432) 818-1088
For State Use Only

APPROVED BY: [Signature] TITLE Staff Mgr DATE 9-20-18
 Conditions of Approval (if any):



Well name: Empire Abo Unit #400
API Number: 30-015-39072
County, State: Eddy, NM
Legals: SEC-33 TWP-17S RGE-28E

Depths: 6300' MD 6253' PBTB
Producing Interval 5826-6150'

CSG	OD	Wt/Ft	Cap (bbl/ft)	Top	Set @
Surface	8.625"	24.0#	0.0636	0'	503'
Production	5.500"	17#	0.0232	0'	6300'

Engineer: Alex Hernandez 432-818-1694 (o) alex.hernandez@apachecorp.com
Assistant Foreman: David Pedroza 575-910-3283 (c) david.pedroza@apachecorp.com
Production Foreman: Javier Berdoza 575-441-5755 (c) javier.berdoza@apachecorp.com

What's New:

- 1) Lay down rods and tubing for inspection
- 2) Set CIBP, cap w/ cement, and test casing integrity
- 3) TA well

WELL HISTORY

The well is currently shut in. Last production date was on 9/2017, yielding 1 BO, 404 BW, 9 MCF.

OBJECTIVE:

TA well. This well is currently producing from the Abo formation. It is recommended that this well be TA'd for evaluation of uphole potential requiring geological and engineering review. Without the proper geological analysis, we stand a chance to lose valuable resources by prematurely plugging the well at this time.

PROCEDURE:

1. POOH w/ rods and pump while laying down, TOOH w/ tubing and BHA
2. MIRU wireline, RIH w/ gauge ring, POOH, RIH w/ CIBP, set @ 5770' (top of perms 5826'), POOH
3. RIH w/ dump bailer and spot 4 sxs (35') of cement on top of CIBP, POOH
4. RIH and tag TOC. Record depth of TOC. RD WL
5. TIH w/ tubing (testing in)
6. Test casing. If tests good, circulate hole w/ packer fluid and biocide
Note: If casing does not test, TA operations will be postponed and the well evaluated for P&A.
7. TOOH w/ tubing while scanning. Perform MIT
8. TA well
Note: Please contact NMOCD 24 hours prior to performing MIT test.

Apache Corporation – Empire Abo Unit #400

Wellbore Diagram – Current

Date : 1/5/12
S. Hardin

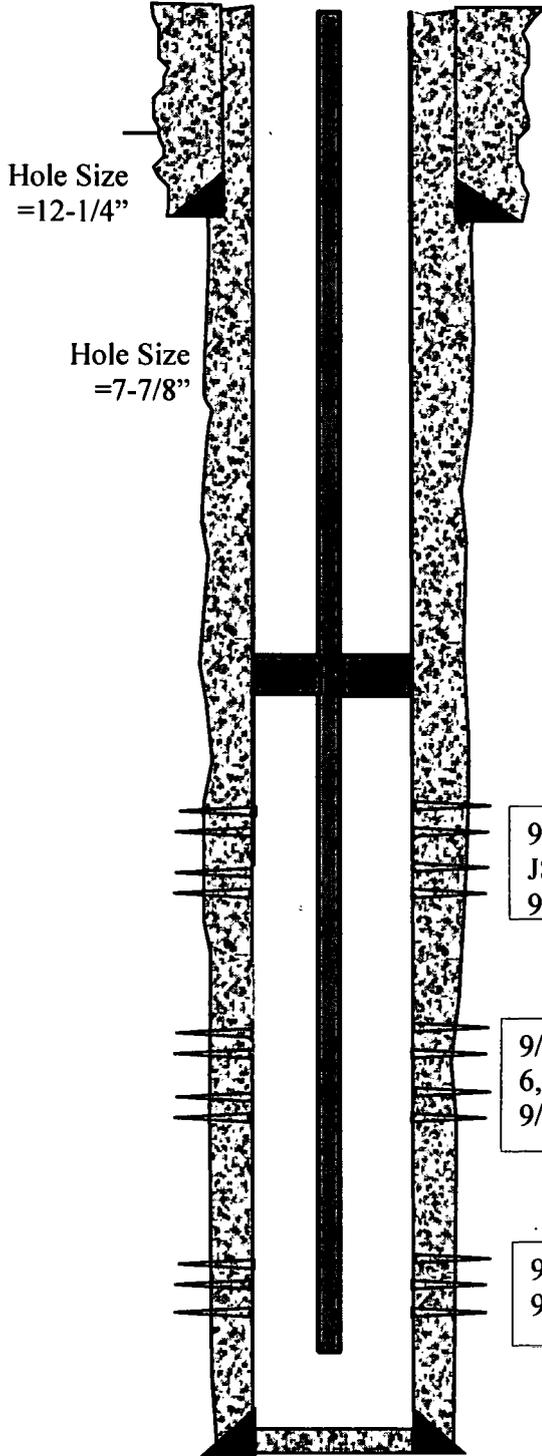
API: 30-015-39072

Surface Location



2590' FNL & 2495' FEL, Unit G
Sec 33, T17S, R28E, Eddy County, NM

GL=3,667'
KB=3,679'
Spud: 8/31/11



Surface Casing
8-5/8" 24# J-55 @ 503' w/ 350 sx to surface

9/29/11: Perf Abo @ 5,826'-36'; 5,848'-53'; 5,866'-72'; 5,886'-92' w/ 2 JSPF (54 holes)
9/30/11: Acidized w/ 1,500 gallons of NEFE acid

9/26/11: Perf Abo @ 5,928'-34'; 5,948'-52'; 5,998'-6,006'; 6,022'-30'; 6,054'-64' w/ 2 JSPF (72 holes)
9/27/11: Acidized w/ 3,000 gallons of NEFE acid

9/21/11: Perf Abo @ 6,110'-20'; 6,140'-50' w/ 2 JSPF (40 holes)
9/22/11: Acidized w/ 2,000 gallons of NEFE acid

Production Casing
5-1/2" 17# J-55 @ 6,300' w/ 700 sxs

PBTD = 6,253'
TD = 6,300'

Apache Corporation – Empire Abo Unit #400

GL=3,667'
KB=3,679'
Spud: 8/31/11

Wellbore Diagram – Proposed

Date : 1/5/12
S. Hardin

API: 30-015-39072

Surface Location



2590' FNL & 2495' FEL, Unit G
Sec 33, T17S, R28E, Eddy County, NM

Hole Size
=12-1/4"

Hole Size
=7-7/8"

Surface Casing
8-5/8" 24# J-55 @ 503' w/ 350 sx to surface

TBD: Set CIBP @ 5770' w/35' cmt set via wireline

9/29/11: Perf Abo @ 5,826'-36'; 5,848'-53'; 5,866'-72'; 5,886'-92' w/ 2 JSPF (54 holes)
9/30/11: Acidized w/ 1,500 gallons of NEFE acid

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