

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

EMNRD- OCD ARTESIA
RECEIVED: 4/6/2020

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.
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>		5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input type="checkbox"/>
2. Name of Operator		6. State Oil & Gas Lease No.
3. Address of Operator		7. Lease Name or Unit Agreement Name
4. Well Location Unit Letter _____: _____ feet from the _____ line and _____ feet from the _____ line Section _____ Township _____ Range _____ NMPM _____ County _____		8. Well Number
11. Elevation (Show whether DR, RKB, RT, GR, etc.)		9. OGRID Number
		10. Pool name or Wildcat

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 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.

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

Last Reported Production 1/1/2019

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 alicia fulton TITLE _____ DATE _____

Type or print name _____ E-mail address: _____ PHONE: _____

For State Use Only

APPROVED BY: Gilbert Cordero TITLE Staff Mgr DATE 4/14/20
Conditions of Approval (if any): _____



LOE

Well name: Empire Abo Unit H-17

API Number: 30-015-00676
County, State: Eddy, NM
Legals: SEC-36 TWP-17S RGE-27E

Depths: 5797' MD 5500' PBD
Producing Interval: 5330' - 5432' Abo

CSG	OD	Wt/Ft	Cap (bbl/ft)	Top	Set @
Surface	8.625"	24#	0.0609	0'	1102'
Production	5.500"	15#	0.0232	0'	5797'

Engineer:	David Cummings	432-818-1845 (o)	davidr.cummings@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) **Set CIBP, cap w/ cement, and test casing integrity**
- 2) **TA well**

WELL HISTORY

The well is currently SI. Last tested at 0 BOPD x 40 BWPD x 5 MCFD, with last production reported on 4/2019.

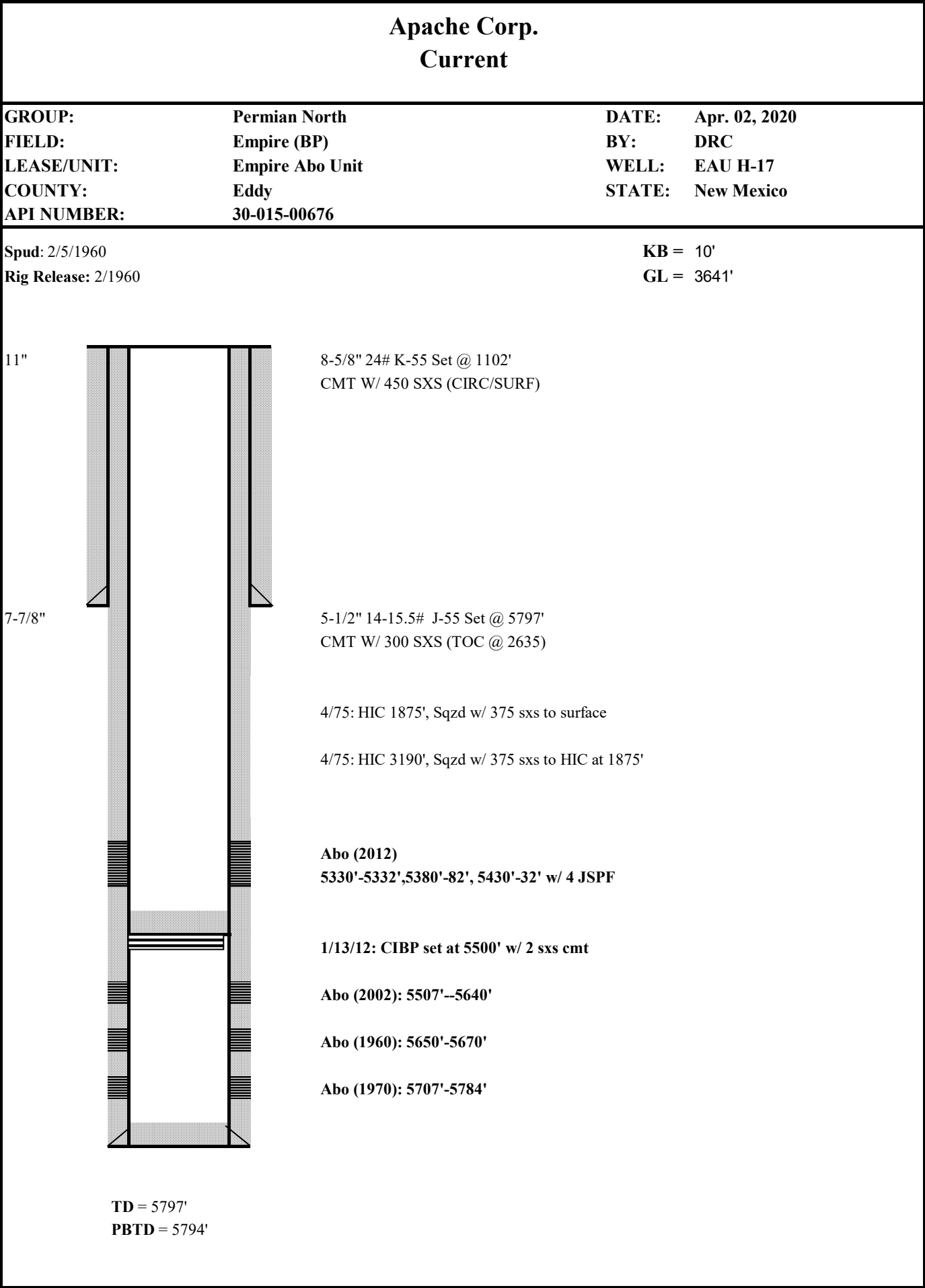
WORKOVER SUMMARY:

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 further analysis, valuable resources may be forfeited by prematurely plugging the well. Rods and tubing have previously been removed from wellbore (5/2/2019).

PROCEDURE:

1. MIRU wireline, RIH w/ gauge ring, POOH, RIH w/ CIBP, set @ 5,300' (top of perms 5,330'), POOH.
2. RIH w/ dump bailer and spot 4-5 sxs of cement (35') on top of CIBP, POOH.
3. RIH and tag TOC. Record depth of TOC. RDMO WL.
4. Circulate hole w/ packer fluid.
5. Test casing to 500 psi for 30 minutes (Please contact NMOCD 24 hours in advance).
Note: If casing does not test, TA operations will be postponed and the well evaluated for P&A.
6. TA well

4/2/2020



Apache Corp. Proposed

GROUP:	Permian North	DATE:	Apr. 02, 2020
FIELD:	Empire (BP)	BY:	DRC
LEASE/UNIT:	Empire Abo Unit	WELL:	EAU H-17
COUNTY:	Eddy	STATE:	New Mexico
API NUMBER:	30-015-00676		

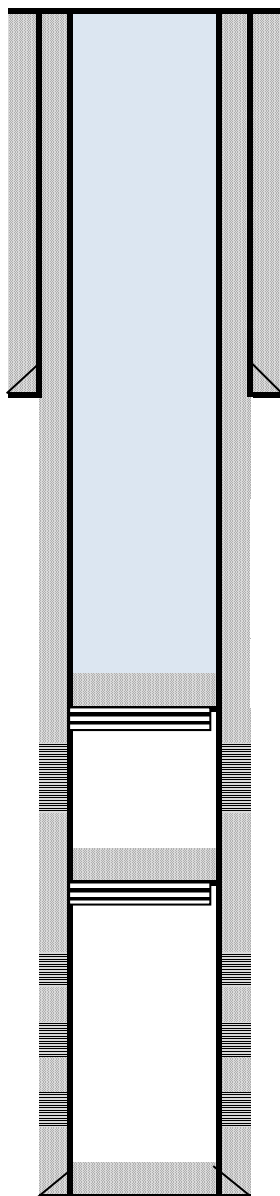
Spud: 2/5/1960

KB = 10'

Rig Release: 2/1960

GL = 3641'

11"



8-5/8" 24# K-55 Set @ 1102'
CMT W/ 450 SXS (CIRC/SURF)

7-7/8"

5-1/2" 14-15.5# J-55 Set @ 5797'
CMT W/ 300 SXS (TOC @ 2635)

4/75: HIC 1875', Sqzd w/ 375 sxs to surface

4/75: HIC 3190', Sqzd w/ 375 sxs to HIC at 1875'

TBD: CIBP set at 5300' w/ 5 sxs cmt

Abo (2012)
5330'-5332', 5380'-82', 5430'-32' w/ 4 JSPF

1/13/12: CIBP set at 5500' w/ 2 sxs cmt

Abo (2002): 5507'--5640'

Abo (1960): 5650'-5670'

Abo (1970): 5707'-5784'

TD = 5797'

PBTD = 5794'