

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.)	
1. Type of Well: Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>	7. Lease Name or Unit Agreement Name Empire Abo Unit
2. Name of Operator Apache Corporation	8. Well Number 361A
3. Address of Operator 303 Veterans Airpark Lane, Suite 1000 Midland, TX 79705	9. OGRID Number 873
4. Well Location Unit Letter <u>H</u> : 1765 feet from the <u>N</u> line and 1270 feet from the <u>E</u> line Section 34 Township 17S Range 28E NMPM County EDDY	10. Pool name or Wildcat
11. Elevation (Show whether DR, RKB, RT, GR, etc.)	

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 checked="" 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 TA wellbore with cibp+35' of cement
procedures and wbd's proposed and current attached

Temporary Abandoned Status approved

8-1-2023

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:

1/30/1977

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 Sr. Staff Reg Analyst

DATE 8/26/2019

Type or print name Alicia Fulton

E-mail address: alicia.fulton@apachecorp.com

PHONE: (432) 818-1062

For State Use Only

APPROVED BY: [Signature]

TITLE compliance officer

DATE 8-30-19

Conditions of Approval (if any):

8/1/18



LOE

Well name: Empire Abo Unit F #361

API Number: 30-015-21963
County, State: Eddy, NM
Legals: SEC 34 TWP-17S RGE-28E

Depths: 6350' MD 6030' PBTB
Producing Interval 5796'-5980'

CSG	OD	Wt/Ft	Cap (bbl/ft)	Top	Set @
Surface	8.625"	24#	0.0636	0'	756'
Production	5.5"	15.5#	0.0238	0'	6350'

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) *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 tested at 6 Bo x 2111 Bw x 7 Mcf, with last production reported on 8/2018.

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, TOO H w/ tubing and BHA
2. MIRU wireline, RIH w/ gauge ring, POOH, RIH w/ CIBP, set @ 5746' (top of perms 5796'), 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. TOO H w/ tubing while scanning. Perform MIT
8. TA well
Note: Please contact NMOCD 24 hours prior to performing MIT test.

8/26/2019

Apache Corp.
CURRENT

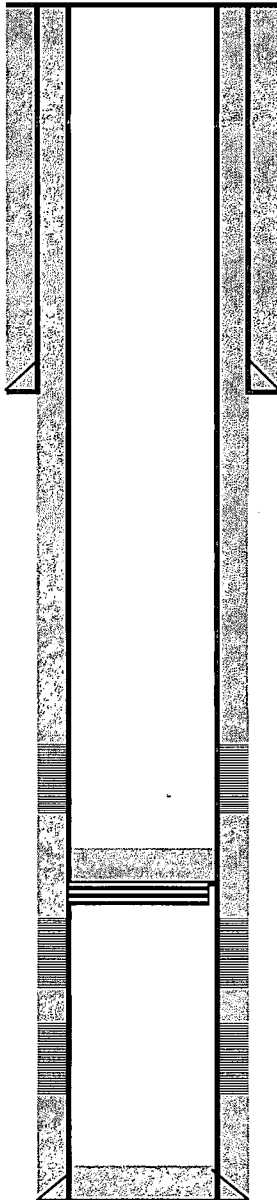
GROUP: Permian North
FIELD: Empire (BP)
LEASE/UNIT: Empire Abo Unit
COUNTY: Eddy
API NUMBER: 30-015-21963

DATE: May. 29, 2013
BY: HJG
WELL: #F-361A
STATE: New Mexico

Spud: 1/30/77
Rig Release: 2/14/77

KB = 11'
GL = 3668'

11"



8-5/8" 24# K-55 Set @ 756'
CMT W/ 275 SXS (CIRC/SURF)

5-1/2" 14-15.5# J-55 Set @ 6350'
CMT W/ 2193 SXS (CIRC/SURF)

Abo (2002)
5796-98', 5812-22', 44-54', 60-64', 75-80', 84-88', 5896-5900', 14-23', 36-80' (2 JSPF)

CIBP @ 6050' w/ 20' CMT
Abo (1989)
6068-74', 6116-26', 6151-60'

Abo (1977)
6233'-6245' (2 JSPF, 24 holes)

TD = 6350'
PBD = 6030'

*May want to look into drilling out CIBP and producing upper & lower zones together

Apache Corp. Proposed

GROUP: Permian North
FIELD: Empire (BP)
LEASE/UNIT: Empire Abo Unit
COUNTY: Eddy
API NUMBER: 30-015-21963

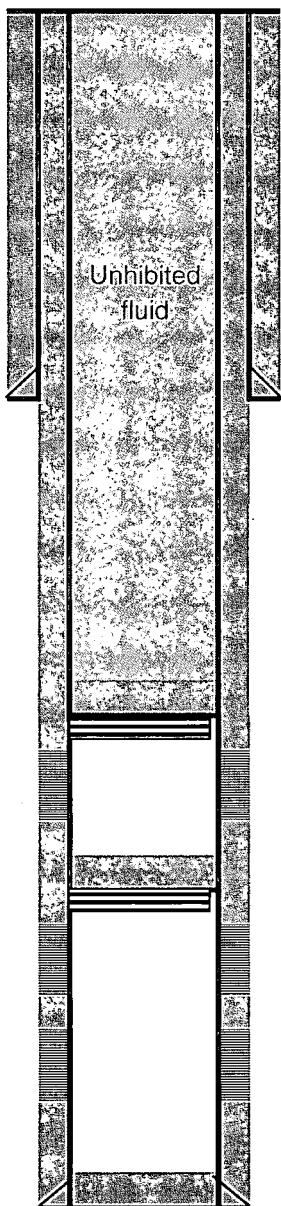
DATE: Aug. 21, 2019
BY: HJG
WELL: #F-361A
STATE: New Mexico

Spud: 1/30/77
Rig Release: 2/14/77

KB = 11'
GL = 3668'

11"

7-7/8"



8-5/8" 24# K-55 Set @ 756'
CMT W/ 275 SXS (CIRC/SURF)

5-1/2" 14-15.5# J-55 Set @ 6350'
CMT W/ 2193 SXS (CIRC/SURF)

CIBP @ 5746' w/ 35' CMT set via wireline

Abo (2002)
5796-98', 5812-22', 44-54', 60-64', 75-80', 84-88', 5896-5900', 14-23', 36-80' (2 JSPF)

CIBP @ 6050' w/ 20' CMT
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6233'-6245' (2 JSPF, 24 holes)

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