

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

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

WELL API NO. 30-015-22914
5. Indicate Type of Lease STATE [x] FEE []
6. State Oil & Gas Lease No. OG-0693-0002
7. Lease Name or Unit Agreement Name Empire Abo Unit
8. Well Number 161
9. OGRID Number 873
10. Pool name or Wildcat

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 [x] Gas Well [] Other []
2. Name of Operator Apache Corporation
3. Address of Operator 303 Veterans Airpark Lane, Suite 1000 Midland, TX 79705
4. Well Location Unit Letter I : 1310 feet from the S line and 590 feet from the E line
Section 02 Township 18S Range 27E NMPM County Eddy
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:
PERFORM REMEDIAL WORK [] PLUG AND ABANDON []
TEMPORARILY ABANDON [x] CHANGE PLANS []
PULL OR ALTER CASING [] MULTIPLE COMPL []
DOWNHOLE COMMINGLE []
CLOSED-LOOP SYSTEM []
OTHER: [x]
SUBSEQUENT REPORT OF:
REMEDIAL WORK [] ALTERING CASING []
COMMENCE DRILLING OPNS. [] P AND A []
CASING/CEMENT JOB []
OTHER: []

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 like to TA the with CIBP +35' of cement wellbore procedures and current and proposed WBD are attached.

RECEIVED

AUG 29 2019

DISTRICT II-ARTESIA O.C.D.

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

Temporary Abandoned Status approved 11-1-2023

Spud Date: 6/21/1979

Rig Release Date: 07/10/1979

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):

11-1-18



Well name: Empire Abo Unit K #161

API Number: 30-015-22914
County, State: Eddy, NM
Legals: SEC 2 TWP-18S RGE-27E

Depths: 6225' MD 6182' PBSD
Producing Interval 5872'-6117'

CSG	OD	Wt/Ft	Cap (bbl/ft)	Top	Set @
Surface	8.625"	24#	0.0636	0'	1000'
Production	5.5"	15.5#	0.0238	0'	6225'

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 0 Bo x 69 Bw x 0 Mcf, with last production reported on 11/2018.

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 @ 5822' (top of perms 5872'), 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.

Apache Corporation

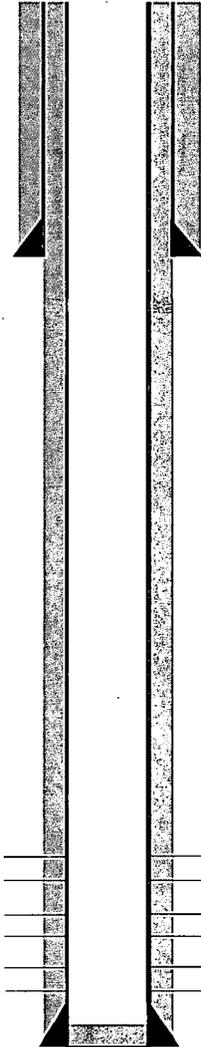
Work Objective _____ Current _____

Region Office Permian / Midland
 District / Field Office _____
 AFE Type _____
 W District _____

Start Date	TBD	End Date	TBD
Lease	Empire Abo Un K	KB/GL	11'3570'
Well Name	Empire Abo Un K #161	Location	1310' FSL & 590' FEL
Field	Empire (BP)	Location	Sec 2, T18S, R27E
County	Eddy	TD @	6225'
State	New Mexico	PBTD @	6182'
AFE #	TBD	ETD @	
Gross AFE	TBD	API #	30-015-22914
Apache WI	37.83%	Spud Date	6/21/1979
Apache NRI		Comp. Date	9/13/1979

Description	O.D.	Grade	Weight	Depth	Cmt Sx	TOC
Surface Csg	8 5/8"	K-55	24#	1000'	500 sx	Circ 100 sx
Inter Csg						
Prod Csg	5 1/2"	K-55	15.5#	6225'	1900 sx	Circ 100 sx
Casing Liner						

11" hole



7 7/8" hole

Date	Zone	Actual Perforations	JSPF	Total Perfs
7/19/1979	Abo	6107-6117	2	20
12/19/1995	Abo	5872-5956, 5956-6104	2	184

Date	Zone	Stimulation / Producing Interval	Amount
7/19/1979	Abo	A/ (6107-6117) w/ 1000 g 15% HCL gelled	
12/20/1995	Abo	A/ (5872-6117) w/ 5000 g 60/40 acid/condensate	

Well History / Failure	
7/79:	Perf Abo @ 6107-17'. A/ 1000 g 15% HCL gelled. IP/ 134 Bo x 7 Bw x 82 Mcf.
12/95:	Add Abo perfs @ 5956-6104' & 5872-5956'. 2 SPF, 184 holes. A/ (all Abo 5872-6117) w/ 5000 g 60/40 acid/condensate.
1/14:	Stuck pump due to paraffin. Replace rod couplings due to wear. RTP.
7/17:	Replace 120 jts due to corrosion & wear w/ YB tbg. Found heavy paraffin on btm of string. RTP.
2/18:	Replace C rods w/ KD rods. LD 20 jts, replace w/ new. RTP.

Abo:
5872-5956'

Abo:
5956-6104'

Abo:
6107-6117'

Apache Representative _____ Contract Rig/Number _____
 Apache Engineer David Cummings Operator _____
 TD: 6225'

WBD by: Shayne Moody
8/22/2019



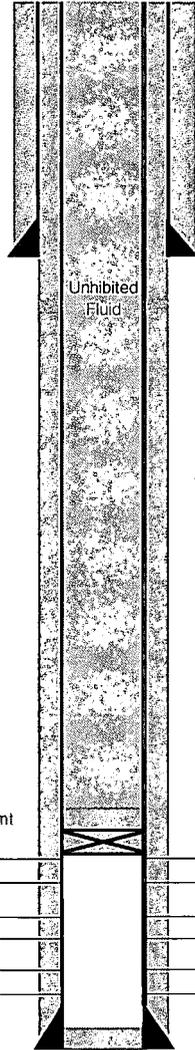
Apache Corporation

Work Objective Proposed

Region Office Permian / Midland
 District / Field Office W District
 AFE Type

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Casing Liner						



11" hole

CIBP @ 5822' w/ 35' cmt set via wireline

7 7/8" hole

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 Apache Engineer David Cummings Operator _____

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8/22/2019

