

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

OIL-CONSERVATION DIVISION

1220 South St. Francis Dr.

Santa Fe, NM 87505

Form C-103

Revised July 18, 2013

WELL API NO.

30-015-21553

5. Indicate Type of Lease

STATE ☒ FEE ☐

6. State Oil & Gas Lease No.

7. Lease Name or Unit Agreement Name

Empire Abo Unit

8. Well Number 201

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 ☒ 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 ^H 2501 feet from the ^N line and 20 feet from the ^E line

Section 01 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 ☒ CHANGE PLANS ☐

PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐

DOWNHOLE COMMINGLE ☐

CLOSED-LOOP SYSTEM ☐

OTHER: ☐

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 is requesting approval to TA wellbore set cjb at 5563 +35' of cement

wellbore diagrams and procedures attached

Temporary Abandoned Status approved
DATE 1-1-2024

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

NM OIL CONSERVATION

ARTESIA DISTRICT

AUG 30 2019

RECEIVED

Spud Date:

6/28/1975

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 8/28/2019

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 Compliance officer

DATE 9-5-19

Conditions of Approval (if any):



LOE

Well name: Empire Abo Unit J #201

API Number: 30-015-21553
County, State: Eddy, NM
Legals: SEC 1 TWP-18S RGE-27E

Depths: 6225' MD 6175' PBTD
Producing Interval 5613'-6136'

CSG	OD	Wt/Ft	Cap (bbl/ft)	Top	Set @
Surface	8.625"	24#	0.0636	0'	1012'
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 33 Bw x 12 Mcf, with last production reported on 1/2019.

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 @ 5563' (top of perms 5613'), 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.

8/28/2019

Apache Corporation

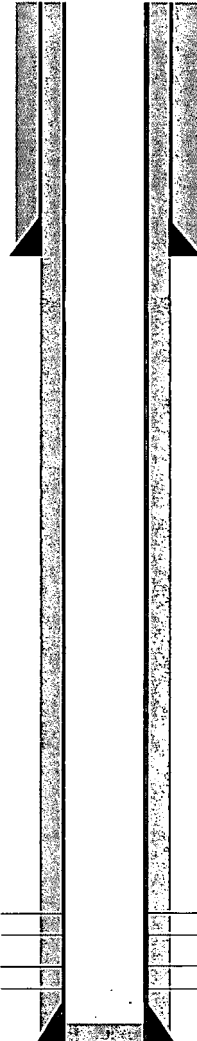
Work Objective

Current

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

Start Date	TBD	End Date	TBD
Lease	Empire Abo Un J	KB/GL	12/3652.5'
Well Name	Empire Abo Un J #201	Location	2501' FNL & 20' FEL
Field	Empire (BP)	Location	Sec 1, T18S, R27E
County	Eddy	TD @	6225'
State	New Mexico	PBTD @	6175'
AFE #	TBD	ETD @	
Gross AFE	TBD	API #	30-015-21553
Apache WI	37.83%	Spud Date	6/28/1975
Apache NRI		Comp. Date	7/19/1975

Description	O.D.	Grade	Weight	Depth	Cmt Sx	TOC
Surface Csg	8 5/8"	K-55	24#	1012'	525 sx	Surf
Inter Csg						
Prod Csg	5 1/2"	K-55	15.5#	6225'	1150 sx	Circ 120 sx
Casing Liner						



11" hole

7 7/8" hole

Abo:
5613-6075'
Abo:
6108-36'

TD: 6225'

Date	Zone	Actual Perforations	JSPF	Total Perfs
7/19/1975	Abo	6108, 13, 18, 23, 30, 36	2	32
5/2/2002	Abo	5613-19, 24-38, 43-48, 64-76, 84-91, 5782-86, 5860-75, 5911-16, 73-78, 83-85, 90-94, 6001-17, 23-27, 33-37, 46-58, 72-75'	2	

Date	Zone	Stimulation / Producing Interval	Amount
7/19/1975	Abo	A/ (6108-36') w/ 4000 g 15% HCl	
5/3/2002	Abo	A/ (5613-6075') w/ 5900 g 15% HCl + 400 BS	
9/18/2008	Abo	A/ (5613-6136) w/ 1500 g 15% HCl	

Well History / Failure
7/75: Perf Abo @ 6108-36'. A/ 4000 g 15% HCL. IP/ 834 Bo x 0 Bw x 509 Mcl.
4/02: Perf Abo @ 5613-6075' w/ 2 SPF. A/ 5900 g 15% HCl + 400 BS. RTP
9/08: HIT. A/ 1500 g 15% HCL. RTP.
3/17: Pmp failure. Replace tbg string w/ tbg from EAU inventory. RTP.
11/17: Rod part. LD all rods. RIH w/ inspected rods from EAU inventory. RTP.
9/18: HIT. LD 63 rods & all tbg- wear & corrosion. Replace w/ used from inventory.

Apache Representative

Contract Rig/Number

Apache Engineer

David Cummings

Operator

WBD by: Shayne Moody
8/27/2019



Apache Corporation

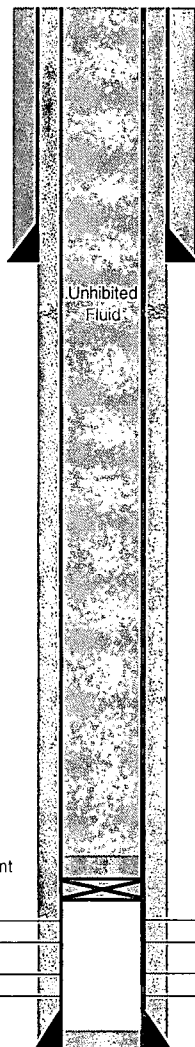
Work Objective

Proposed

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

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Apache Representative _____ Contract Rig/Number _____
 Apache Engineer David Cummings Operator _____

WBD by: Shayne Moody
8/27/2019