

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.

30-015-23548

5. Indicate Type of Lease

STATE ☒ FEE ☐

6. State Oil & Gas Lease No.

309164

7. Lease Name or Unit Agreement Name

Empire Abo Unit

8. Well Number 211A

9. OGRID Number

873

10. Pool name or Wildcat

Empire, Abo (22040)

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 L : 1950 feet from the S line and 1000 feet from the W line

Section 06 Township 18S Range 28E NMPM County EDDY

11. Elevation (Show whether DR, RKB, RT, GR, etc.)

3635

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.

RECEIVED

Apache would like to TA the wellbore with a cibp+35' of cement procedures and current and proposed WBD's are attached.

AUG 29 2019

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

DISTRICT II/ARTESIA O.C.D.

Temporary Abandoned Status approved

until 8-1-2023

Spud Date:

2/11/1981

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 8/27/2019

Type or print name Alicia Fulton

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

PHONE: (432) 818-1062

For State Use Only

APPROVED BY: Debi

TITLE Compliance officer

DATE 8-30-19

Conditions of Approval (if any):

8-1-18



LOE

**Well name: Empire Abo Unit #211**

API Number: 30-015-23548  
County, State: Eddy, NM  
Legals: SEC 6 TWP-18S RGE-28E

Depths: 6325' MD 5990' PBDT  
Producing Interval 5881'-5945'

CSG	OD	Wt/Ft	Cap (bbl/ft)	Top	Set @
Surface	9.625"	36#	0.0773	0'	980'
Production	7"	23#	0.0393	0'	6250'

Engineer:	David Cummings	432-818-1845 (o)	<a href="mailto:davidr.cummings@apachecorp.com">davidr.cummings@apachecorp.com</a>
Assistant Foreman:	David Pedroza	575-910-3283 (c)	<a href="mailto:david.pedroza@apachecorp.com">david.pedroza@apachecorp.com</a>
Production Foreman	Javier Berdoza	575-441-5755 (c)	<a href="mailto:javier.berdoza@apachecorp.com">javier.berdoza@apachecorp.com</a>

**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 O Bo x 13 Bw x 10 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 @ 5831' (top of perms 5881'), 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.

8/27/2019

# Apache Corporation

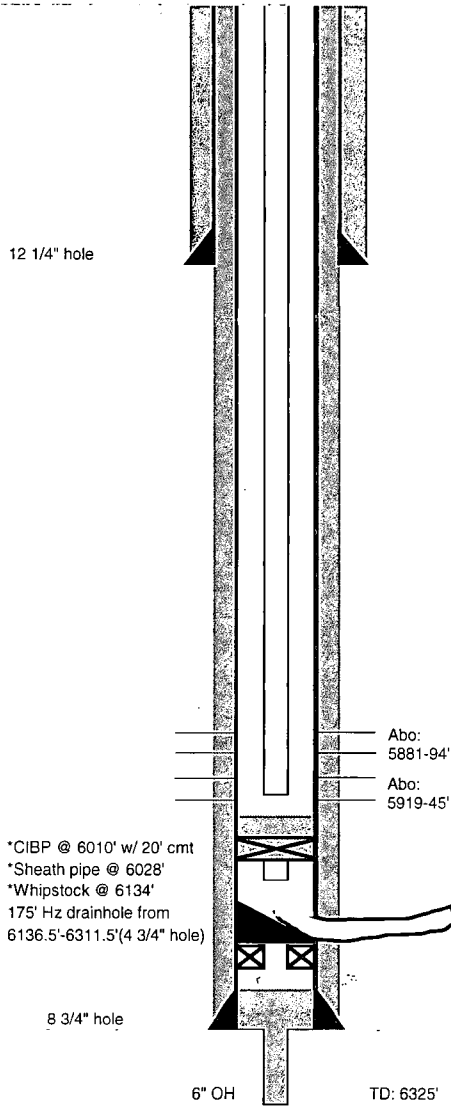
Work Objective

Current

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

Start Date	TBD	End Date	TBD
Lease	Empire Abo Unit	KB/GL	13.5/3645'
Well Name	Empire Abo Unit #211	Location	1950' FSL & 1000' FWL
Field	Empire (BP)	Location	Sec 6, T18S, R28E
County	Eddy	TD @	6325'
State	New Mexico	PBTD @	5990'
AFE #	TBD	ETD @	
Gross AFE	TBD	API #	30-015-23548
Apache WI	37.83%	Spud Date	2/11/1981
Apache NRI		Comp. Date	7/28/1981

Description	O.D.	Grade	Weight	Depth	Cmt Sx	TOC
Surface Csg	9 5/8"	K-55	36#	980'	425 sx	Circ 51
Inter Csg						
Prod Csg	7"	K-55	23#	6250'	1325 sx	Circ 150
Casing Liner						



Date	Zone	Actual Perforations	JSPF	Total Perfs
7/13/1981	Abo	Hz OH fr/ 6136.5'-6311.5'		
3/4/1998	Abo	5881-5894', 5919-5945'	1	41

Date	Zone	Stimulation / Producing Interval	Amount
3/6/1998	Abo	A/ perfs 5881-5945' w/ 1200 g 15% NEFE + 65 BS	

Well History / Failure
7/81: Hz OH fr/ 6136.5'-6311.5'. IP/ 184 Bo x 23 Bw x 148 Mcl
3/98: Set CIBP @ 6010' w/ 20' cmt. Perf Abo 5881-5945' w/ 1 SPF, 41 holes. A/ 1200 g 15% NEFE + 65 BS

Apache Representative

Contract Rig/Number

Apache Engineer

David Cummings

Operator

WBD by: Shayne Moody  
8/20/2019

# Apache Corporation

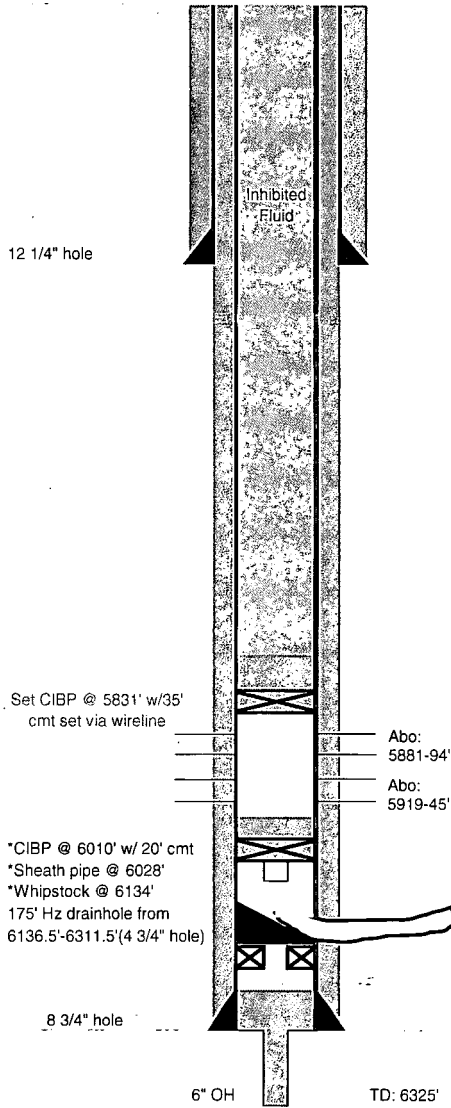
Work Objective

Proposed

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

Start Date	TBD	End Date	TBD
Lease	Empire Abo Unit K	KB/GL	13.5/3645'
Well Name	Empire Abo Unit K #211	Location	1950' FSL & 1000' FWL
Field	Empire (BP)	Location	Sec 6, T18S, R28E
County	Eddy	TD @	6325'
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Apache Engineer David Cummings \_\_\_\_\_ Operator \_\_\_\_\_

WBD by: Shayne Moody  
8/20/2019