

Submit 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

WELL API NO. 30-015-23116
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name Empire Abo Unit
8. Well Number 213
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 E : 2050 feet from the N line and 100 feet from the W line  
 Section 6 Township 18S Range 28E NMPM County EDDY

11. Elevation (Show whether DR, RKB, RT, GR, etc.)  
3649 GR

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

<b>NOTICE OF INTENTION TO:</b>		<b>SUBSEQUENT REPORT OF:</b>	
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 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 current and proposed attached.

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 until 12-1-2023

RECEIVED  
 AUG 29 2019  
 DISTRICT II-ARTESIA O.C.D.

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 Sr. Staff Reg Analyst DATE 8/27/2019

Type or print name Alicia Fulton E-mail address: alicia.fulton@apachecorp.com PHONE: (432) 818-1088

**For State Use Only**

APPROVED BY: Daryl TITLE Compliance Officer DATE 8-30-19

Conditions of Approval (if any):

12.1.18

**Well name: Empire Abo Unit J #213**

API Number: 30-015-23116  
County, State: Eddy, NM  
Legals: SEC 6 TWP-18S RGE-28E

Depths: 6225' MD 6005' PBTD  
Producing Interval 5606'-5986'

CSG	OD	Wt/Ft	Cap (bbl/ft)	Top	Set @
Surface	9.625"	36#	0.0773	0'	1000'
Production	7"	23#	0.0393	0'	6115'

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 0 Bo x 20 Bw x 8 Mcf, with last production reported on 12/2018.

**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 @ 5556' (top of perms 5606'), 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.

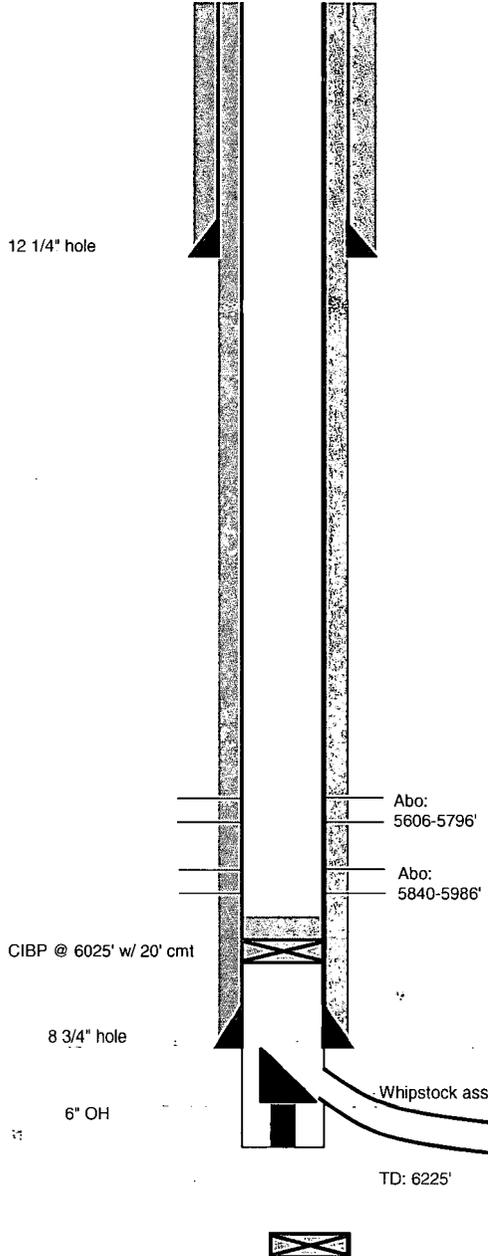
# Apache Corporation

Work Objective \_\_\_\_\_ Current \_\_\_\_\_

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

Start Date	TBD	End Date	TBD
Lease	Empire Abo Un J	KB/GL	11/3660'
Well Name	Empire Abo Un J #213	Location	2050' FNL & 100' FWL
Field	Empire (BP)	Location	Sec 6, T18S, R28E
County	Eddy	TD @	6225'
State	New Mexico	PBTD @	6005'
AFE #	TBD	ETD @	
Gross AFE	TBD	API #	30-015-23116
Apache WI	37.83%	Spud Date	3/10/1980
Apache NRI		Comp. Date	7/28/1980

Description	O.D.	Grade	Weight	Depth	Cmt Sx	TOC
Surface Csg	9 5/8"	K-55	36#	1000'	500 sx	Surf
Inter Csg						
Prod Csg	7"	K-55	23#	6115'	1350	Circ 150 sx
Casing Liner						



Date	Zone	Actual Perforations	JSPF	Total Perfs
7/28/1980	Abo	Hz drain hole 6115'-6242'		
10/7/1997	Abo	5840'-5986'	2	180
4/18/06 ?	Abo	5606-20, 84-96, 5716-28, 50-64, 78-96		

Date	Zone	Stimulation / Producing Interval	Amount
7/28/1980	Abo	A/ OH w/ 4500 g acid, several treatments	
10/8/1997	Abo	A/ (5840-5986) w/ 2500 g 15% NEFE + 190 BS	

Well History / Failure	
7/80:	Completed w/ 6" Hz drainhole fr/ 6115'-6242' to avoid gas coning. A/ 4500 g acid, several treatments. IP/ 11 Bo x 0 Bw x 1 Mcf.
10/97:	Set CIBP @ 6025' w/ 20' cmt. Perf Abo @ 5840-5986' w/ 2 SPF, 180 holes. A/ 2500 g 15% NEFE + 190 BS. RTP.

Apache Representative \_\_\_\_\_ Contract Rig/Number \_\_\_\_\_  
 Apache Engineer David Cummings Operator \_\_\_\_\_  
 WBD by: Shayne Moody  
 8/26/2019

# Apache Corporation

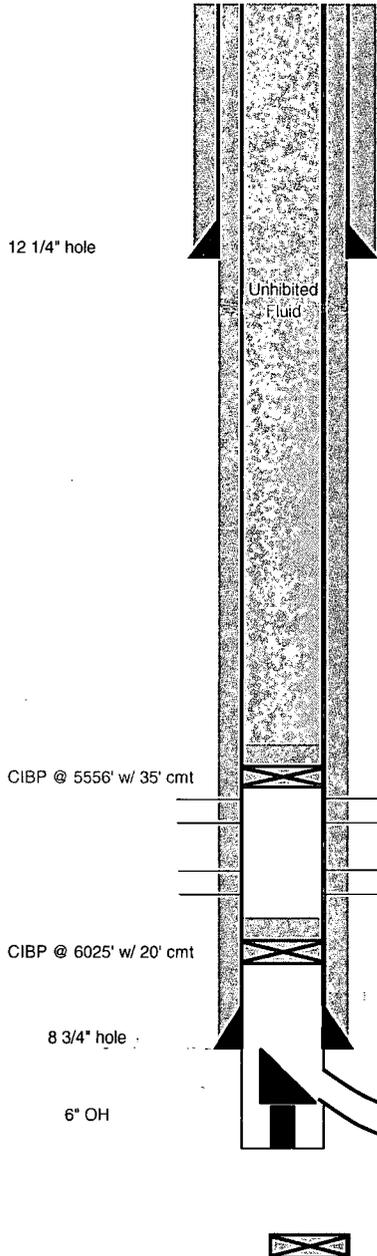
Work Objective

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  
8/26/2019