

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

WELL API NO. 30-015-00902
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. 309164
7. Lease Name or Unit Agreement Name Empire Abo Unit
8. Well Number 005D
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 TO DRILL OR RECOMPLETION 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; 1980 feet from the NORTH line and 660 feet from the WEST line  
 Section 16 Township 18S Range 27E NMPM County EDDY

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

NO OIL CONSERVATION  
 ARTESIA DISTRICT  
 NOV 13 2018  
 RECEIVED

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

<b>NOTICE OF INTENTION TO:</b> PERFORM REMEDIAL WORK <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> TEMPORARILY ABANDON <input checked="" type="checkbox"/> CHANGE PLANS <input type="checkbox"/> PULL OR ALTER CASING <input type="checkbox"/> MULTIPLE COMPL <input type="checkbox"/> DOWNHOLE COMMINGLE <input type="checkbox"/> CLOSED-LOOP SYSTEM <input type="checkbox"/> OTHER: <input type="checkbox"/>		<b>SUBSEQUENT REPORT OF:</b> REMEDIAL WORK <input type="checkbox"/> ALTERING CASING <input type="checkbox"/> COMMENCE DRILLING OPNS. <input type="checkbox"/> P AND A <input type="checkbox"/> CASING/CEMENT JOB <input type="checkbox"/> OTHER: <input type="checkbox"/>	
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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 the wellbore

see attached procedures and current and proposed WBD

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 @ 5280' (top of perms 5330'), 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

Contact NMOCD 24 hours prior to performing MIT test.

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

Last Prod 12/2017

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 11/8/2018

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 STAFF MGR DATE 11-14-18  
 Conditions of Approval (if any):

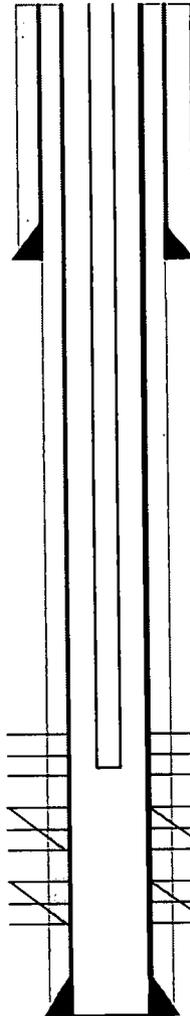
# Apache Corporation

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

Region Office Pemian / Midland  
 District /Field Office \_\_\_\_\_  
 AFE Type NW District

Start Date	TBD	End Date	TBD
Lease	Empire Abo Unit	KB/GL	3474/3464'
Well Name	Empire Abo Unit	Well No.	#005D
Field	Empire (BP)	TD @	5708'
County	Eddy	PBTD @	5694'
State	New Mexico	ETD @	
AFE #	TBD	API #	30-015-00902
Gross AFE	TBD	Spud Date	8/14/1960
Apache WI	37.833400%	Comp. Date	9/13/1960

Description	O.D.	Grade	Weight	Depth	Cmt Sx	TOC
Surface Csg	8 5/8"	J-55	32#	1519'	945 sx	Surf
Inter Csg						
Prod Csg	4 1/2"	J-55	9.5#	5708'	800 sx	Surf
Casing Liner						



11" hole

7 7/8" hole

TD: 5708'

Date	Zone	Actual Perforations	JSPF	Total Perfs
8/9/1960	Abo	5555-5579'	2	48
11/3/1993	Abo	5414-5534'	2	63
12/8/2000	Abo	5330, 40, 56, 72, 74, 84, 5414, 16, 28, 30, 40, 52, 60, 70, 80'	2	15

Date	Zone	Stimulation / Producing Interval	Amount
8/9/1960	Abo	Acidize 5555-5579' w/6000 gal acid	
3/8/1964	Abo	Frac 5555-5579' w/ 40,000 gal lease crude and 23,100# 20-40 sd and talled in w/ 5000# 12-20 glass beads	
11/9/1993	Abo	Acidize 5555-5579' w/1500 gal 50/50 acid/xylene	
11/15/1993	Abo	Acidize 5414-5534' w/3500 gal 15% NEFE acid, 1000# salt block in front of acid and 1000# salt block mid way in acid	
12/8/2000	Abo	Acidize well w/ 2000 gal 15% NEFE HCL & 100 ball sealers. Frac'd w/ 73,000# 16/30 wht sd, 27,500# 16/30 resin coated	

Well History / Failure	
12/00	Squeeze perfs 5414-5579' w/ 230 sx cmt

Apache Representative \_\_\_\_\_ Contract Rig/Number \_\_\_\_\_  
 Apache Engineer Alex Hernandez Operator \_\_\_\_\_

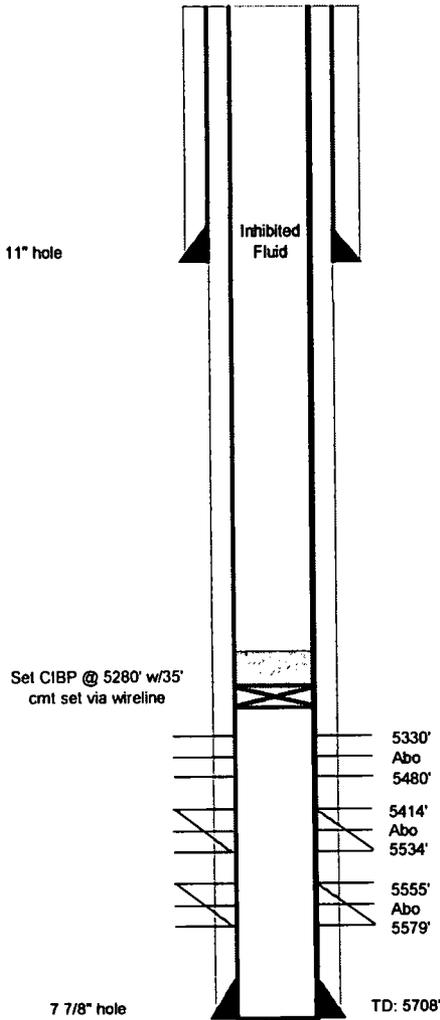
# Apache Corporation

Work Objective \_\_\_\_\_ Proposed \_\_\_\_\_

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

Start Date	TBD	End Date	TBD
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Well Name	Empire Abo Unit	Well No.	#005D
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Apache Representative \_\_\_\_\_ Contract Rig/Number \_\_\_\_\_  
 Apache Engineer Alex Hernandez \_\_\_\_\_ Operator \_\_\_\_\_