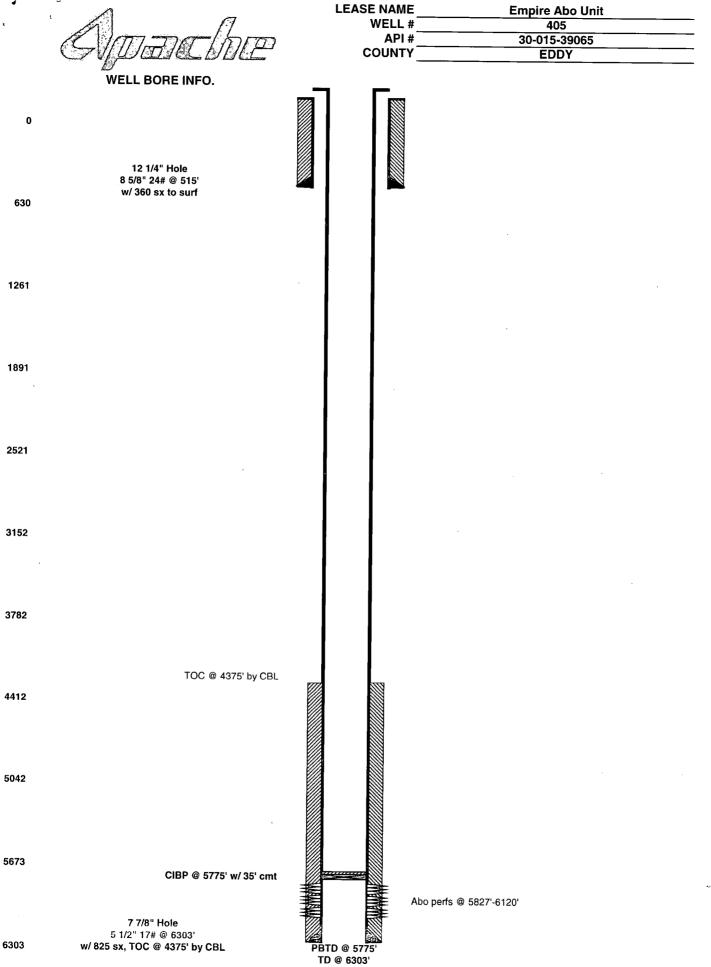
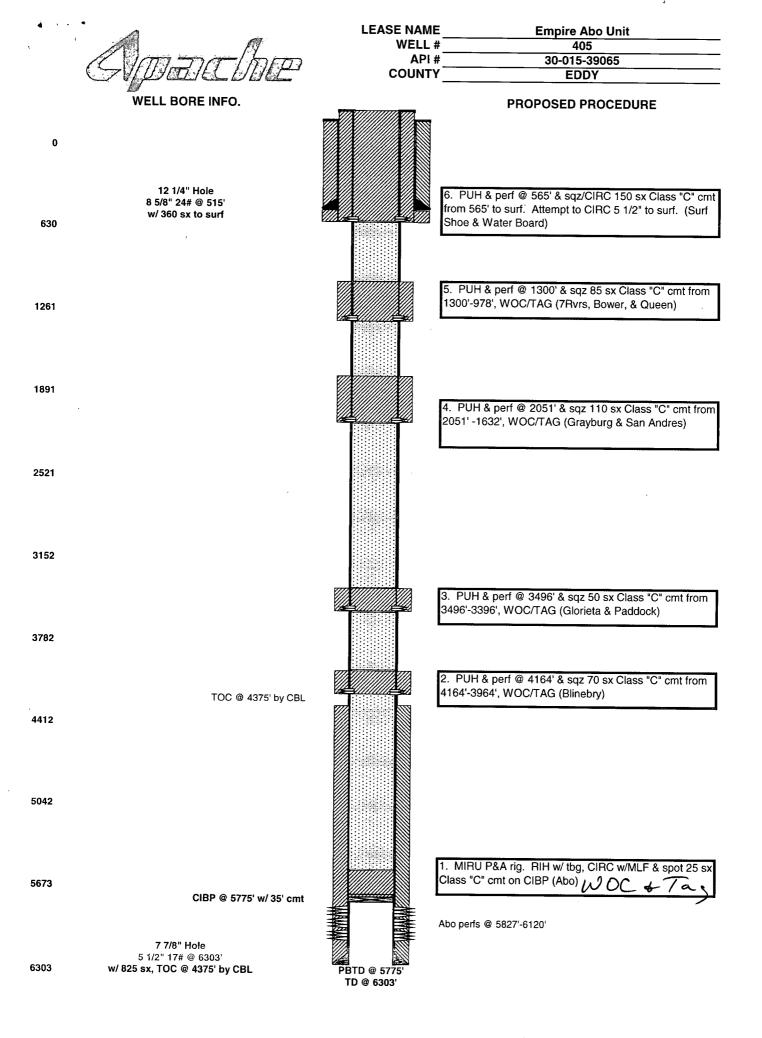
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Submit 1 Copy To Appropriate District	Office State of L	Jour Movies		
District I - (575) 393-6161State of New Mexico1625 N. French Dr. Hobbs. NM 88240Energy, Minerals and Natural Resource			Form C-103 Revised July 18,2013	
1625 N. French Dr., Hobbs, NM 88240 District II - (575) 748-1283	II_ (575) 748 1282		WELL API NO. 30-015-39065	
811 S. First St., Artesia, NM 88210	ITST St., Artesia, NM 88210 OIL CONSERVATION DIVISION		5. Indicate Type of Leas	e
Disrtict III - (505) 334-6178 1000 Rio Brazos Rd. Aztec, NM 87410	410 1220 South St. Francis Dr.		STATE 🔽	FEE
<u>District IV - (505) 476-3460</u>	Santa Fe, NM 87505		6. State Oil & Gas Lease	No.
1220 S. St. Francis Dr., Santa Fe, NM 87505			3091	
SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR DEEPEN OR PLUG BACK TO A DIFFERENT			7. Lease Name or Unit A	-
RESERVIOR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)			8. Well Number	
1. Type of Well: Oil Well  Gas Well Other			405	
2. Name of Operator Apache Corporation			9. OGRID Numer 873	
3. Address of Operator			10. Pool Name or Wildcat	
303 Veterans Airpark Lane, Ste. 3000, Midland, TX 79705 4. Well Location			Empire;Abo 224040	
Unit Letter	<b>B</b> : 1210 feet from the	e N line and	<b>2500</b> feet from t	E line
Section	33 Township 17S	Range 28E		unty EDDY
	11. Elevation (Show whether	DR, RKB,RT, GR, etc. ) 673' GR		
12. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data				
NOTICE OF	SEQUENT REPORT O			
PERFORM REMEDIAL WORK PLUG AND ABANDON REMEDIAL WORK ALTERING CASING TEMPORARILY ABANDON CHANGE PLANS				
PULL OR ALTER CASING		COMMENCE DRILLING ( CASING/CEMENT JOB	OPNS. 📋 P AND A	
DOWNHOLE COMMINGLE				
CLOSED-LOOP SYSTEM OTHER:		OTHER:		<b>L</b> -1
	mpleted operations. (Clearly state		give pertinent dates, in	cluding estimated
date of starting any proposed work.) SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram or				
proposed completion or recompletion.				
proposed completion or recompletion. Notify OCD 24 hrs. prior to any work done.				
OTY WORK ST				
Apacha Corneration prop				
Apache Corporation proposes to P&A the above mentioned well by the attached procedure. A closed loop system will be used for all fluids from this wellbore and disposed of required by OCD Rule 19.15.17.14 NMAC.				
		ice of required by O	0D Huic 13.13.17.14 N	MAC.
				ARTESIA DISTRICT
······································	<u> </u>			SEP 1 2 2019
Spud Date:		Rig Release Date:		<u> </u>
KSee Attack		m + 1 p	16 9/101	/ RECEIVED
I hereby certify that the inform	nation above is true and complete	$\frac{145}{3e}$	creand balief	20
, , , , , , , , , , , , , , , , , , ,		to the best of my knowle	age and benef.	
SIGNATURE	Sum Burns TITLE	Sr. Reclamation For	reman DATE	9/10/19
Type or print name <u>For State Use Only</u>	Guinn Burks E-mail add.	guinn.burks@apachec	orp.com PHONE:	432-556-9143
APPROVED BY:	LI Man TITLE	Ct- F an	DATE 9	ha ha
Conditions of Approval (if any):	The man	2pm rug	UATE _	14/17
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## CONDITIONS FOR PLUGGING AND ABANDONMENT

## District II / Artesia N.M.

The following is a guide or checklist in preparation of a plugging program, this is not all inclusive and care must be exercised in establishing special plugging programs in unique and unusual cases, Notify NMOCD District Office II at (575)-748-1283 at least 24 hours before beginning work.

- 1. A notice of intent to plug and abandon a wellbore is required to be approved before plugging operations are conducted. A cement evaluation tool is required in order to ensure isolation of producing formations, protection of water and correlative rights. A cement bond log or other accepted cement evaluation tool is to be provided to the division for evaluation if one has not been previously run or if the well did not have cement circulated to surface during the original casing cementing job or subsequent cementing jobs.
- 2. Closed loop system is to be used for entire plugging operation. Upon completion, contents of steel pits are to be hauled to a permitted disposal location.
- 3. Trucking companies being used to haul oilfield waste fluids to a disposal commercial or private shall have an approved NMOCD C-133 permit. A copy of this permit shall be available in each truck used to haul waste products. It is the responsibility of the operator as well as the contractor, to verify that this permit is in place prior to performing work. Drivers shall be able to produce a copy upon request of an NMOCD Field inspector.
- 4. Filing a subsequent C-103 will serve as notification that the well has been plugged.
- 5. A final C-103 shall be filed (and a site inspection by NMOCD Inspector to determine if the location is satisfactorily cleaned, all equipment, electric poles and trash has been removed to Meet NMOCD standards) before bonding can be released.
- 6. If the well is not plugged within 1
- 7. If work has not begun within 1 Year of the approval of this procedure, an extension request must be file stating the reason the well has not been plugged.
- 8. Squeeze pressures are not to exceed 500 psi, unless approval is given by NMOCD.
- 9. Produced water will not be used during any part of the plugging operation.
- 10. Mud laden fluids must be placed between all cement plugs mixed at 25 sacks per 100 bbls of water.
- 11. All cement plugs will be a minimum of 100' in length or a minimum of 25 sacks of cement, whichever is greater. 50' of calculated cement excess required for inside casing plugs and 100% calculated cement excess required on outside casing plugs.
- 12. Class 'C' cement will be used above 7500 feet.
- 13. Class 'H' cement will be used below 7500 feet.
- 14. A cement plug is required to be set 50' above and 50' below, casing stubs, DV tools, attempted casing cut offs, cement tops outside casing, salt sections and anywhere the casing is perforated, these plugs require a 4 hour WOC and then will be tagged

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15. All Casing Shoes Will Be Perforated 50' below shoe depth and Attempted to be Squeezed, cement needs to be 50' above and 50' Below Casing Shoe inside the Production Casing

- 16. When setting the top out cement plug in production, intermediate and surface casing, wellbores should remain full at least 30 minutes after plugs are set
- 17. A CIBP is to be set within 100' of production perforations, capped with 100' of cement, WOC 4 hours and tag.
- 18. A CIBP with 35' of cement may be used in lieu of the 100' plug if set with a bailer. This plug will be placed within 100' of the top perforation, (WOC 4 hrs and tag).
- 19. No more than **3000' is allowed between cement plugs in cased hole and 2000' in open** hole.
- 20. Some of the Formations to be isolated with cement plugs are: These plugs to be set to isolate formation tops
  - A) Fusselman
  - B) Devonian
  - C) Morrow
  - D) Wolfcamp
  - E) Bone Springs
  - F) Delaware
  - G) Any salt sections
  - H) Abo
  - I) Glorieta
  - J) Yates.
  - K) Potash--- (In the R-111-P Area (Potash Mine Area), a solid cement plug must be set across the salt section. Fluid used to mix the cement shall be saturated with the salts that are common to the section penetrated and in suitable proportions, not more than 3% calcium chloride (by weight of cement) will be considered the desired mixture whenever possible, WOC 4 hours and tag, this plug will be 50' below the bottom and 50' above the top of the Formation.
- 21. If cement does not exist behind casing strings at recommended formation depths, the casing can be cut and pulled with plugs set at recommended depths. If casing is not pulled, perforations will be shot and cement squeezed behind casing, WOC and tagged. These plugs will be set 50' below formation bottom to 50' above formation top inside the casing

## **DRY HOLE MARKER REQUIRMENTS**

The operator shall mark the exact location of the plugged and abandoned well with a steel marker not less than four inches in diameter, 3' below ground level with a plate of at least '4'' welded to the top of the casing and the dry hole marker welded on the plate with the following information welded on the dry hole marker:

## 1. Operator name2. Lease and Well Number3. API Number4. Unit Letter5. QuarterSection (feet from the North, South, East or West)6. Section, Township and Range7. Plugging Date8. County(SPECIAL CASES)------AGRICULTURE OR PRARIE CHICKEN BREEDING AREAS

In these areas, a below ground marker is required with all pertinent information mentioned above on a plate, set 3' below ground level, a picture of the plate will be supplied to NMOCD for record, the exact location of the marker (longitude and latitude by GPS) will be provided to NMOCD (We typically require a current survey to verify the GPS)