

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB NO. 1004-0137
Expires: January 31, 2018**SUNDRY NOTICES AND REPORTS ON WELLS**
Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.**Carlsbad Field Office**
OCD Hobbs5. Lease Serial No.
NMNM14812

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.
WERTA FED 019. API Well No.
30-025-27696-00-C110. Field and Pool or Exploratory Area
HOUSE11. County or Parish, State
LEA COUNTY, NM**SUBMIT IN TRIPLICATE - Other Instructions on page 2**

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other2. Name of Operator
APACHE CORPORATIONContact: REESA FISHER
E-Mail: Reesa.Fisher@apachecorp.com3a. Address
303 VETERANS AIRPARK LANE SUITE 3000
MIDLAND, TX 797053b. Phone No. (include area code)
Ph: 432-818-1062

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Sec 35 T19S R38E SWSE 330FSL 2310FEL

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

TYPE OF ACTION

☒ Notice of Intent☐ Subsequent Report☐ Final Abandonment Notice☐ Acidize☐ Alter Casing☐ Casing Repair☐ Change Plans☐ Convert to Injection☐ Deepen☐ Hydraulic Fracturing☐ New Construction☐ Plug and Abandon☐ Plug Back☐ Production (Start/Resume)☐ Reclamation☐ Recomplete☒ Temporarily Abandon☐ Water Disposal☐ Water Shut-Off☐ Well Integrity☐ Other

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.

Apache requests permission to temporarily abandon the subject well, per the attached procedure with supporting WBD's, pending evaluation of excessive water production.

HOBBS OCD
JUL 03 2019
RECEIVED

14. I hereby certify that the foregoing is true and correct.

Electronic Submission #467296 verified by the BLM Well Information System**For APACHE CORPORATION, sent to the Hobbs****Committed to AFMSS for processing by PRISCILLA PEREZ on 06/03/2019 (19PP2076SE)**

Name (Printed/Typed) REESA FISHER

Title SR STAFF REGULATORY ANALYST

Signature (Electronic Submission)

Date 06/03/2019

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By

/s/ Jonathon Shepard

Title Petroleum Engineer

JUN 12 2019

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Carlsbad Field Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

**** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ******FOR RECORD ONLY****X7 NMOC 7-11-19**

Werta Federal #1
Unit O, Section 35, T-19S, R-38E
Lea County, New Mexico

Temporarily Abandon
API #: 30-025-27696

Production Casing: 5-1/2", 17#, K-55 @ 7,196'. TOC @ surface.

Perforations: BL: 6,046' – 6,590' (1 & 3 JSPF)

CIBP @ 6,650' (9/8/2003)

TB: 6,675' – 6,774' (1 JSPF)

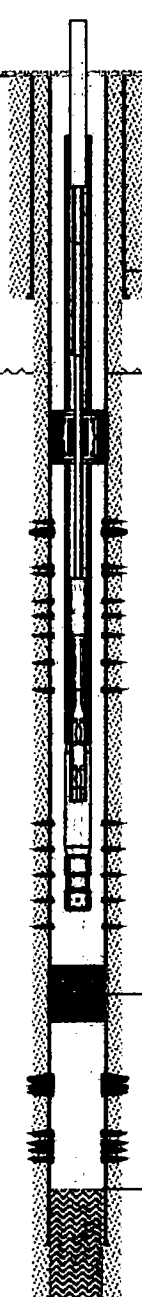
DR: 7,008' – 7,072' (1 JSPF)

1. MI RU pulling unit. POOH and lay down rods and pump. ND WH. NU BOP. Release TAC. POOH and stand back **2-3/8"** production tubing.
2. MI RU wireline. RIH with **5-1/2"** CIBP and set at **~6,000'**. Cap with 25 sacks of cement or dump bail 35' of cement. POOH. RD WL.
3. RIH and tag TOC. Contact NM OCD to perform casing integrity test. L&T casing to 500 psi for 30 minutes. Circulate packer fluid. POOH and lay down **2-3/8"** production tubing. ND BOP. NU WH. Clean location. RD MOL.



Downhole Well Profile w Cement

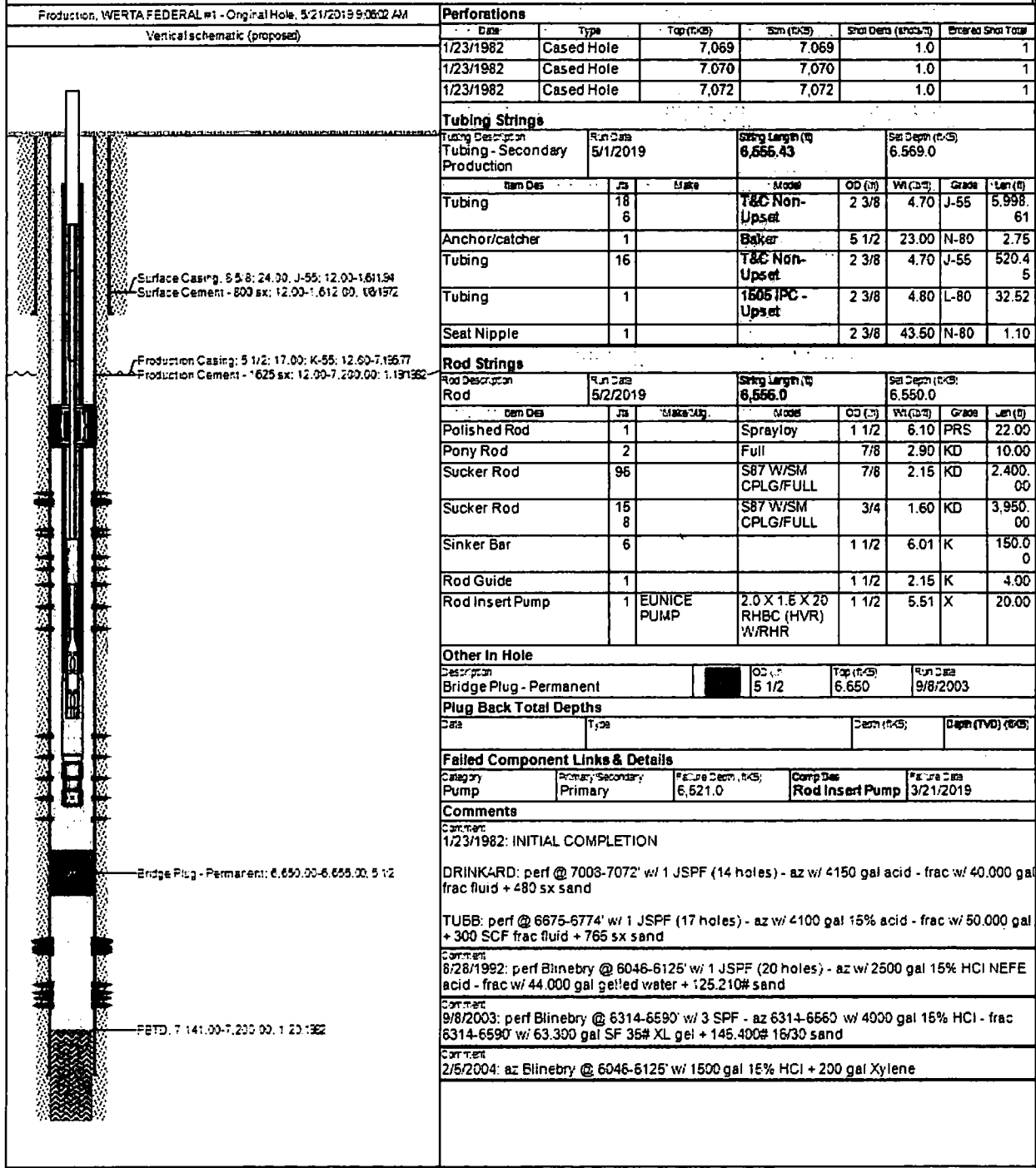
Well Name: WERTA FEDERAL 1

API Surface Loc 3002527696		Surface Legal Location 330' FSL, 2310' FEL, Unit O, Sec 35, T-19S, R-38E		Field Name Monument		State/Province New Mexico			
Spud Date 1/6/1982		Original KB Elevation (ft) 3,591.0		Ground Elevation (ft) 3,579.0		KB-Ground Distance (ft) 12.0			
PBTD (ft) 7,200.0		Total Depth (ft) 7,200.0		Comment Amerada Hess data migrated from DEDM					
Production, WERTA FEDERAL #1 - Original Hole, 5/21/2019 9:05:41 AM				Casing Strings					
Vertical schematic (proposed)				Csg Des	OD (in)	ID (in)	WT (lb/ft)	Grade	Set Depth (ft)
				Surface	8 5/8	8.10	24.00	J-55	1,611.94
				Prod 1	5 1/2	4.89	17.00	K-55	7,195.77
				Cement					
				String	Description	Top Depth (ft)	Bottom Depth (ft)	Top Meas Men Returns at Surface	Start Date
				Surface	Surface Cement - 800 sx	12.00	1,612.00		1/6/1972
				Prod 1	Production Cement - 1625 sx	12.00	7,200.00		1/19/1982
				WERTA FEDERAL #1 - Original Hole	PBTD	7,141.00	7,200.00	Tag	1/20/1982
				Perforations					
				Date	Type	Top (ft)	Bot (ft)	Shot Chgs (lb/ft)	Entered Shot Total
				8/28/1992	Cased Hole	6,046	6,049	1.0	5
				8/28/1992	Cased Hole	6,091	6,094	1.0	5
				8/28/1992	Cased Hole	6,102	6,104	1.0	4
				8/28/1992	Cased Hole	6,113	6,114	1.0	3
				8/28/1992	Cased Hole	6,124	6,125	1.0	3
				9/8/2003	Cased Hole	6,314	6,317	3.0	10
				9/8/2003	Cased Hole	6,352	6,354	3.0	7
				9/8/2003	Cased Hole	6,439	6,442	3.0	10
				9/8/2003	Cased Hole	6,475	6,480	3.0	15
				9/8/2003	Cased Hole	6,526	6,530	3.0	13
				9/8/2003	Cased Hole	6,557	6,590	3.0	101
				5/24/1982	Cased Hole	6,675	6,675	1.0	1
				5/24/1982	Cased Hole	6,678	6,678	1.0	1
				5/24/1982	Cased Hole	6,680	6,680	1.0	1
				5/24/1982	Cased Hole	6,686	6,686	1.0	1
				5/24/1982	Cased Hole	6,688	6,688	1.0	1
				5/24/1982	Cased Hole	6,690	6,690	1.0	1
				5/24/1982	Cased Hole	6,698	6,698	1.0	1
				5/24/1982	Cased Hole	6,704	6,704	1.0	1
				5/24/1982	Cased Hole	6,724	6,724	1.0	1
				5/24/1982	Cased Hole	6,726	6,726	1.0	1
				5/24/1982	Cased Hole	6,732	6,732	1.0	1
				5/24/1982	Cased Hole	6,740	6,740	1.0	1
				5/24/1982	Cased Hole	6,742	6,742	1.0	1
				5/24/1982	Cased Hole	6,754	6,754	1.0	1
				5/24/1982	Cased Hole	6,760	6,760	1.0	1
				5/24/1982	Cased Hole	6,770	6,770	1.0	1
				5/24/1982	Cased Hole	6,774	6,774	1.0	1
				1/23/1982	Cased Hole	7,008	7,008	1.0	1
				1/23/1982	Cased Hole	7,009	7,009	1.0	1
				1/23/1982	Cased Hole	7,010	7,010	1.0	1
				1/23/1982	Cased Hole	7,030	7,030	1.0	1
				1/23/1982	Cased Hole	7,031	7,031	1.0	1
				1/23/1982	Cased Hole	7,032	7,032	1.0	1
				1/23/1982	Cased Hole	7,033	7,033	1.0	1
				1/23/1982	Cased Hole	7,034	7,034	1.0	1
				1/23/1982	Cased Hole	7,047	7,047	1.0	1
				1/23/1982	Cased Hole	7,052	7,052	1.0	1
				1/23/1982	Cased Hole	7,068	7,068	1.0	1

Apache

Downhole Well Profile w Cement

Well Name: WERTA FEDERAL 1



Proposed WBD

Apache

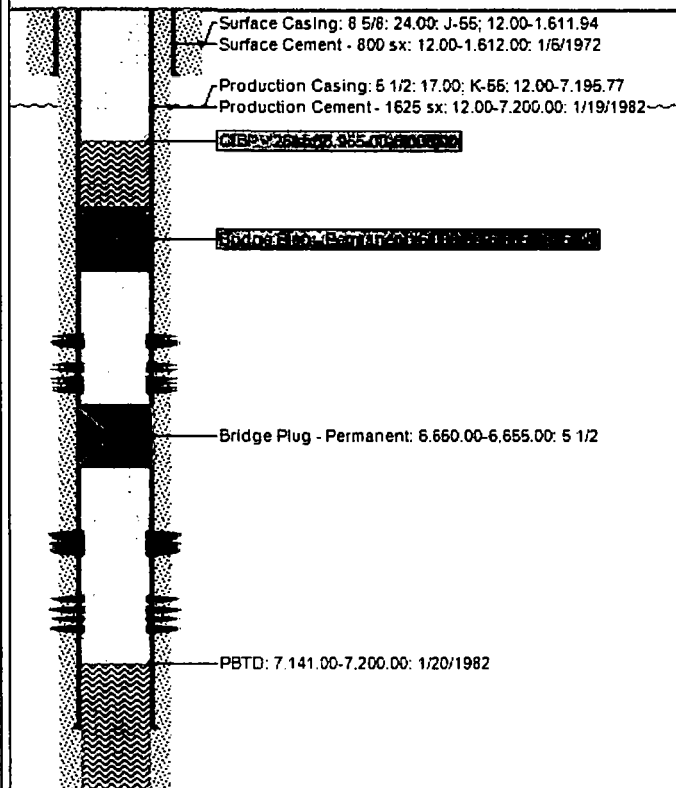
Proposed

Well Name: WERTA FEDERAL 1

Legal Well Name WERTA FEDERAL 1	Compton Well Name WERTA FEDERAL 1	API Surface Loc 3002527696
Ground Elevation (ft) 3,579.0	Original KS Elevation (ft) 3,591.0	Surface Legal Location 330' FSL, 2310' FEL, Unit O, Sec 35, T-19S, R-38E
	PBTD (AT) (ft) 7,200.0	True Depth (ft) 7,200.0

Production, WERTA FEDERAL #1 - Original Hole, 6/31/2019 11:31:19 AM

Vertical schematic (proposed)



Current Wellbore Sections

Section Des	Size (in)	Act Top (ft)	Act Btm (ft)	Start Date
Surface	12 1/4	12.0	1,612.0	1/6/1982
Prod 1	7 7/8	1,612.0	7,200.0	1/19/1982

Casing Strings

Casing Description	String Nominal OD (in)	Weight Length (lb/ft)	String Grade	Set Depth (ft)
Surface	8 5/8	24.00	J-55	1,611.94
Prod 1	5 1/2	17.00	K-55	7,195.77

Proposed Casing Strings

Casing Description	String Nominal OD (in)	Weight Length (lb/ft)	String Grade	Set Depth (ft)
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Existing Cement

String	Des	Top (ft)	Btm (ft)	Top Measurement Method
Surface, 1.611.94ft KB, 8 5/8	Primary Cement	12.00	1,612.00	Returns at Surface
Prod 1, 7.195.77ft KB, 5 1/2	Primary Cement	12.00	7,200.00	Returns at Surface
WERTA FEDERAL #1 - Original Hole	Cement Plug	7,141.00	7,200.00	Tag

Proposed Cement

String	Description	Top Depth (ft)	Bottom Depth (ft)	Top Measurement Method
Prod 1, 7.195.77ft KB, 5 1/2	Cement Plug	6,965.00	6,000.00	Tag

Existing Perforations

Type	Top Depth (ft)	Bottom Depth (ft)	Shot Density (shots/ft)	Entered Shot Total
Cased Hole	6,046	6,049	1.0	5
Cased Hole	6,091	6,094	1.0	5
Cased Hole	6,102	6,104	1.0	4
Cased Hole	6,113	6,114	1.0	3
Cased Hole	6,124	6,125	1.0	3
Cased Hole	6,314	6,317	3.0	10
Cased Hole	8,352	6,354	3.0	7
Cased Hole	6,439	6,442	3.0	10
Cased Hole	6,475	6,480	3.0	15
Cased Hole	6,526	6,530	3.0	13
Cased Hole	6,557	6,590	3.0	101
Cased Hole	6,675	6,675	1.0	1

Proposed WBD



Well Name: WERTA FEDERAL 1

Proposed

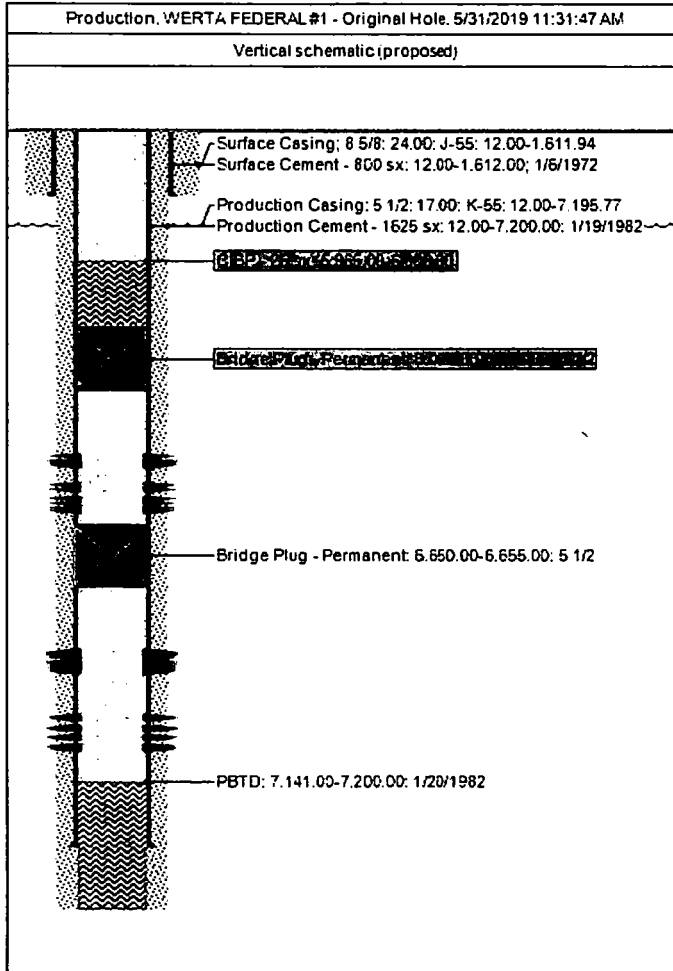
Production, WERTA FEDERAL #1 - Original Hole, 5/31/2019 11:31:33 AM		Existing Perforations			
Vertical schematic (proposed)		Type	Top Depth (ftGS)	Bottom Depth (ftGS)	Shot Density (shots/ft)
	Surface Casing: 8 5/8: 24.00: J-55: 12.00-1.611.94	Cased Hole	6.678	6.678	1.0
	Surface Cement - 800 sx: 12.00-1.612.00: 1/6/1972	Cased Hole	6.680	6.680	1.0
	Production Casing: 5 1/2: 17.00: K-55: 12.00-7.195.77	Cased Hole	6.686	6.686	1.0
	Production Cement - 1625 sx: 12.00-7.200.00: 1/19/1982	Cased Hole	6.688	6.688	1.0
	CIBP - 26 sx: 5.995.00-6.600.00	Cased Hole	6.690	6.690	1.0
	Bridge Plug - Permanent: 6.000.00-6.600.00	Cased Hole	6.698	6.698	1.0
	Bridge Plug - Permanent: 6.650.00-6.655.00: 5 1/2	Cased Hole	6.704	6.704	1.0
	PBTD: 7.141.00-7.200.00: 1/20/1982	Cased Hole	6.724	6.724	1.0
		Cased Hole	6.726	6.726	1.0
		Cased Hole	6.732	6.732	1.0
		Cased Hole	6.740	6.740	1.0
		Cased Hole	6.742	6.742	1.0
		Cased Hole	6.754	6.754	1.0
		Cased Hole	6.760	6.760	1.0
		Cased Hole	6.770	6.770	1.0
		Cased Hole	6.774	6.774	1.0
		Cased Hole	7.008	7.008	1.0
		Cased Hole	7.009	7.009	1.0
		Cased Hole	7.010	7.010	1.0
		Cased Hole	7.030	7.030	1.0
		Cased Hole	7.031	7.031	1.0
		Cased Hole	7.032	7.032	1.0
		Cased Hole	7.033	7.033	1.0
		Cased Hole	7.034	7.034	1.0
		Cased Hole	7.047	7.047	1.0
		Entered Shot Total			
		1			
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Proposed WBD



Well Name: WERTA FEDERAL 1

Proposed



Existing Perforations				
Type	Top Depth (ft-GS)	Bottom Depth (ft-GS)	Shot Density (shots/ft)	Entered Shot Total
Cased Hole	7.052	7.052	1.0	1
Type	Top Depth (ft-GS)	Bottom Depth (ft-GS)	Shot Density (shots/ft)	Entered Shot Total
Cased Hole	7.068	7.068	1.0	1
Type	Top Depth (ft-GS)	Bottom Depth (ft-GS)	Shot Density (shots/ft)	Entered Shot Total
Cased Hole	7.069	7.069	1.0	1
Type	Top Depth (ft-GS)	Bottom Depth (ft-GS)	Shot Density (shots/ft)	Entered Shot Total
Cased Hole	7.070	7.070	1.0	1
Type	Top Depth (ft-GS)	Bottom Depth (ft-GS)	Shot Density (shots/ft)	Entered Shot Total
Cased Hole	7.072	7.072	1.0	1
Proposed Other in Hole				
Description	OC (ft)	Top Depth (ft-GS)	Bottom Depth (ft-GS)	Run Date
Bridge Plug - Permanent	5 1/2	6.000	6.005	

BUREAU OF LAND MANAGEMENT

Carlsbad Field Office
620 East Greene Street
Carlsbad, New Mexico 88220
575-234-5972

Conditions of Approval for Temporary Abandonment of Wells

Definition: A temporarily abandoned well is a completion that is not capable of production in paying quantities but which may have future value. Pursuant to 43 CFR 3162.3-4 (c), no well may be temporarily abandoned for more than 30 days without the prior approval of the authorized officer.

Note: TA status "will be effective for a period up to 1 year from the date of NOI approval and can be renewed annually thereafter" per IM NM-2016-017.

1. A bridge plug (CIBP) must be installed 50 to 100 feet above any open perforations or open hole. The CIBP must be capped with either a minimum of 25 sacks of cement if placed with tubing or 35 feet of cement if placed with a bailer. The top of the cement must be verified by tagging.
2. The wellbore must be filled with corrosion inhibited fluid and pressure tested to 500 psi. The casing shall be capable of holding this pressure for at least 30 minutes. If the well does not pass the casing integrity test, then the operator shall, within 30 days, submit a procedure to either repair the casing or to plug and abandon the well.
3. Contact the appropriate BLM office at least 24 hours prior to the scheduled Casing Integrity Test. For wells in Eddy County, 575-361-2822; Lea County 575-393-3612.
4. All downhole production/injection equipment (tubing, rods, etc.) shall be removed from the casing if it is not isolated by a packer.
5. A bradenhead test must be conducted. If the test indicates a problem, a remedial plan and time frame for remediation shall be submitted within ninety (90) days of the test.
6. Submit a subsequent Sundry Notice (Form 3160-5) with the following information:
 - a. A well bore diagram with all perforations, CIBP's, and tops of cement on CIBP's.
 - b. A description of the temporary abandonment procedure.
 - c. A clear copy or the original of the pressure test chart.