

<b>Well Name:</b> DUKE ARP FED	<b>Well Location:</b> T17S / R27E / SEC 14 / NWSW / 32.832341 / -104.2547049	<b>County or Parish/State:</b> EDDY / NM
<b>Well Number:</b> 1	<b>Type of Well:</b> CONVENTIONAL GAS WELL	<b>Allottee or Tribe Name:</b>
<b>Lease Number:</b> NMNM99028	<b>Unit or CA Name:</b>	<b>Unit or CA Number:</b>
<b>US Well Number:</b> 300153047600S2	<b>Operator:</b> CONTANGO RESOURCES LLC	

### Notice of Intent

**Sundry ID:** 2792803

**Type of Submission:** Notice of Intent

**Type of Action:** Plug and Abandonment

**Date Sundry Submitted:** 05/29/2024

**Time Sundry Submitted:** 11:24

**Date proposed operation will begin:** 08/15/2024

**Procedure Description:** 1. Set 4 1/2" CIBP @ 6144'. Circ hole w/ MLF. Pressure test csg. Spot 25 sx cmt @ 6144-5794'. 2. Spot 25 sx cmt @ 5127-4777'. (Abo) 3. Spot 25 sx cmt @ 3040-2690'. (Glorieta) 4. Spot 25 sx cmt @ 1655-1305'. WOC & Tag (8 5/8" Shoe & San Andres) 5. Spot 25 sx cmt @ 200' to surface. 6. Cut off well head, verify cmt at surface, weld on Dry Hole Marker.

### Surface Disturbance

**Is any additional surface disturbance proposed?:** No

### NOI Attachments

#### Procedure Description

Contango\_Duke\_ARP\_Federal\_1\_Proposed\_WBD\_20240529112401.pdf

Contango\_Duke\_ARP\_Federal\_1\_Proposed\_BLM\_20240529112343.pdf

Contango\_Duke\_ARP\_Federal\_1\_Current\_WBD\_20240529112242.pdf

Well Name: DUKE ARP FED

Well Location: T17S / R27E / SEC 14 /  
NWSW / 32.832341 / -104.2547049County or Parish/State: EDDY /  
NM

Well Number: 1

Type of Well: CONVENTIONAL GAS  
WELL

Allottee or Tribe Name:

Lease Number: NMNM99028

Unit or CA Name:

Unit or CA Number:

US Well Number: 300153047600S2

Operator: CONTANGO RESOURCES  
LLC**Conditions of Approval****Specialist Review**

Duke\_ARP\_Fed\_\_1\_BLM\_P\_A\_Procedure\_20240606133710.pdf

**Operator**

I certify that the foregoing is true and correct. 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. Electronic submission of Sundry Notices through this system satisfies regulations requiring a

Operator Electronic Signature: RICA STEWART

Signed on: MAY 29, 2024 11:24 AM

Name: CONTANGO RESOURCES LLC

Title: Regulatory Analyst

Street Address: 600 TRAVIS STREET SUITE 7330

City: HOUSTON

State: TX

Phone: (713) 236-7569

Email address: RICA.STEWART@CONTANGO.COM

**Field**

Representative Name:

Street Address:

City:

State:

Zip:

Phone:

Email address:

**BLM Point of Contact**

BLM POC Name: ZOTA M STEVENS

BLM POC Title: Petroleum Engineer

BLM POC Phone: 5752345998

BLM POC Email Address: ZSTEVENS@BLM.GOV

Disposition: Approved

Disposition Date: 06/06/2024

Signature: Zota Stevens

Form 3160-5 (June 2019)	UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT	FORM APPROVED OMB No. 1004-0137 Expires: October 31, 2021
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b> <i>Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.</i>		5. Lease Serial No. NMNM99028
		6. If Indian, Allottee or Tribe Name

<b>SUBMIT IN TRIPLICATE - Other instructions on page 2</b>		7. If Unit of CA/Agreement, Name and/or No.
1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		8. Well Name and No. DUKE ARP FED/1
2. Name of Operator CONTANGO RESOURCES LLC		9. API Well No. 3001530476
3a. Address 1717 S BOULDER AVE SUITE 900, TULSA, OK	3b. Phone No. (include area code) (918) 748-3346	10. Field and Pool or Exploratory Area EMPIRE-ABO/EMPIRE-ABO
4. Location of Well (Footage, Sec., T.,R.,M., or Survey Description) SEC 14/T17S/R27E/NMP		11. Country or Parish, State EDDY/NM

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA				
TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Hydraulic Fracturing	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input checked="" type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

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 recompleate 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 perfonned 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 recompletion 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 detennined that the site is ready for final inspection.)

1. Set 4 1/2" CIBP @ 6144'. Circ hole w/ MLF. Pressure test csg. Spot 25 sx cmt @ 6144-5794'.

2. Spot 25 sx cmt @ 5127-4777'. (Abo)

3. Spot 25 sx cmt @ 3040-2690'. (Glorieta)

4. Spot 25 sx cmt @ 1655-1305'. WOC & Tag (8 5/8" Shoe & San Andres)

5. Spot 25 sx cmt @ 200' to surface.

6. Cut off well head, verify cmt at surface, weld on Dry Hole Marker.

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed) RICA STEWART / Ph: (713) 236-7569	Title Regulatory Analyst
Signature (Electronic Submission)	Date 05/29/2024

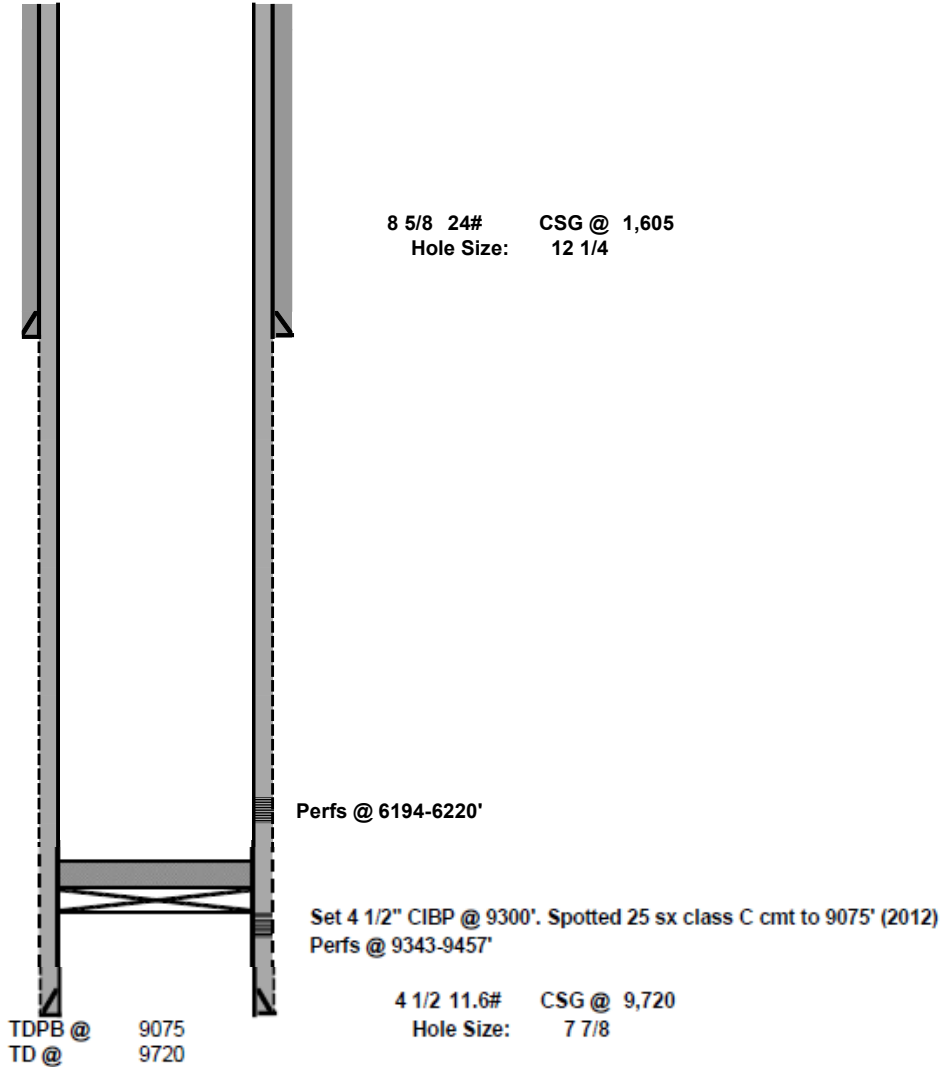
<b>THE SPACE FOR FEDERAL OR STATE OFFICE USE</b>		
Approved by ZOTA M STEVENS / Ph: (575) 234-5998 / Approved	Title Petroleum Engineer	Date 06/06/2024
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office CARLSBAD	

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.

Contango		CURRENT	
Author:	Abby @BCM	Well No.	#1
Well Name	Duke ARP Federal	API #:	30-015-30476
Field/Pool	Empire, Wolfcamp	Location:	Sec 14, T17S, R27E
County	Eddy		1980 FSL & 990 FWL
State	NM	GL:	3483'
Spud Date	12/2/1998		

Description	O.D.	Grade	Weight	Depth	Hole	Cmt Sx	TOC
Surface Csg	8 5/8	J55	24#	1,605	12 1/4	1,000	0
Prod Csg	4 1/2	N80	11.6#	9,720	7 7/8	875	0

Formation	Top
7 Rvs	346
Queen	820
San Andres	1597
Glorieta	2989
Yeso	3180
Abo	5077
Wolfcamp	6200
Penn	8022
Atoka	9058
Morrow	9322
Chester	9628



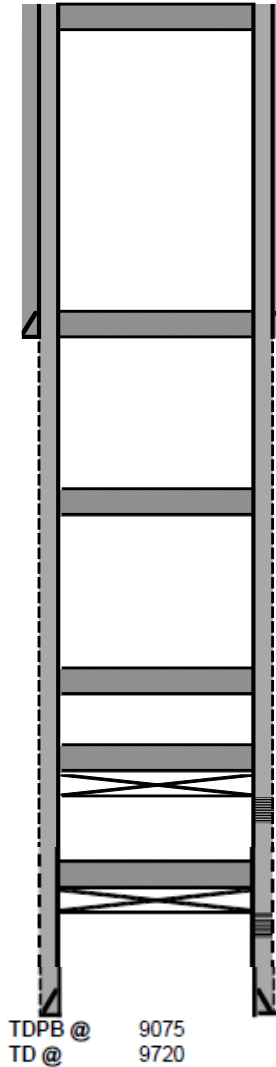
32.8323174  
-104.2546844

Contango		Proposed Plug	
Author:	Abby @BCM	Well No.	#1
Well Name	Duke ARP Federal	API #:	30-015-30476
Field/Pool	Empire, Wolfcamp	Location:	Sec 14, T17S, R27E
County	Eddy		1980 FSL & 990 FWL
State	NM	GL:	3483'
Spud Date	12/2/1998		

Description	O.D.	Grade	Weight	Depth	Hole	Cmt Sx	TOC
Surface Csg	8 5/8	J55	24#	1,605	12 1/4	1,000	0
Prod Csg	4 1/2	N80	11.6#	9,720	7 7/8	875	0

09/2012 Cut off 4 1/2" csg @ 5048' & replaced with new 4 1/2" 11.6#

Formation	Top
7 Rvs	346
Queen	820
San Andres	1597
Glorieta	2989
Yeso	3180
Abo	5077
Wolfcamp	6200
Penn	8022
Atoka	9058
Morrow	9322
Chester	9628



5. Per'd @ 200'. ND BOP. Sqz'd 90 sx class C cmt @ 200' to surface. Topped off well w/ 20 sx cmt.

8 5/8 24# CSG @ 1,605  
Hole Size: 12 1/4

4. Spotted 25 sx class C cmtw/ 2% CACL @ 1655-1277'. WOC & tagged @ 1300'.

3. Spotted 25 sx class C cmt w/ 2% CACL @ 3047-2662'.

2. Spotted 25 sx class C cmt @ 5145-4777'.

1. Set 4 1/2" CIBP @ 6144'. Spotted 25 sx class C cmt @ 6144-5774'. WOC. Tagged plug @ 5774'. Perfs @ 6194-6220'

Set 4 1/2" CIBP @ 9300'. Spotted 25 sx class C cmt to 9075' (2012)  
Perfs @ 9343-9457'

4 1/2 11.6# CSG @ 9,720  
Hole Size: 7 7/8

32.8323174  
-104.2546844

TDPB @ 9075  
TD @ 9720

**BUREAU OF LAND MANAGEMENT  
Carlsbad Field Office  
620 East Greene Street  
Carlsbad, New Mexico 88220  
575-234-5972**

**Permanent Abandonment of Federal Wells  
Conditions of Approval**

Failure to comply with the following Conditions of Approval may result in a Notice of Incidents of Noncompliance (INC) in accordance with 43 CFR 3163.1.

1. Plugging operations shall commence within **ninety (90)** days from the approval date of this Notice of Intent to Abandon.

**If you are unable to plug the well by the 90<sup>th</sup> day provide this office, prior to the 90<sup>th</sup> day, with the reason for not meeting the deadline and a date when we can expect the well to be plugged. Failure to do so will result in enforcement action.**

**The rig used for the plugging procedure cannot be released and moved off without the prior approval of the authorized officer. Failure to do so may result in enforcement action.**

2. **Notification:** Contact the appropriate BLM office at least 24 hours prior to the commencing of any plugging operations. For wells in Chaves and Roosevelt County, call 575-627-0272; Eddy County, call 575-361-2822; Lea County, call 575-689-5981.

3. **Blowout Preventers:** A blowout preventer (BOP), as appropriate, shall be installed before commencing any plugging operation. The BOP must be installed and maintained as per API and manufacturer recommendations. The minimum BOP requirement is a 2M system for a well not deeper than 9,090 feet; a 3M system for a well not deeper than 13,636 feet; and a 5M system for a well not deeper than 22,727 feet.

4. **Mud Requirement:** Mud shall be placed between all plugs. Minimum consistency of plugging mud shall be obtained by mixing at the rate of 25 sacks (50 pounds each) of gel per 100 barrels of **fresh** water. Minimum nine (9) pounds per gallon.

5. **Cement Requirement:** Sufficient cement shall be used to bring any required plug to the specified depth and length. Any given cement volumes on the proposed plugging procedure are merely estimates and are not final. Unless specific approval is received, no plug except the surface plug shall be less than 25 sacks of cement. Any plug that requires a tag will have a minimum WOC time of 4 hours for Class C or accelerated cement (calcium chloride) and 6 hours for Class H. Tagging the plug means running in the hole with a string of tubing or drill pipe and placing sufficient weight on the plug to ensure its integrity. Other methods of tagging the plug may be approved by the BLM authorized officer or BLM field representative.

In lieu of a cement plug across perforations in a cased hole (not for any other plugs), a bridge plug set within 50 feet to 100 feet above the perforations shall be capped with 25 sacks of cement. If a bailer is used to cap this plug, 35 feet of cement shall be sufficient. **Before pumping or bailing cement on top of CIBP, tag will be required to verify depth. Based on depth, a tag of the cement may be deemed necessary.**

Unless otherwise specified in the approved procedure, the cement plug shall consist of either Neat Class "C", for up to 7,500 feet of depth or Neat Class "H", for deeper than 7,500 feet plugs.

Fluid used to mix the cement in R111Q shall be saturated with the salts common to the section penetrated, and in suitable proportions but not less than 1% and not more than 3% calcium chloride by weight of cement will be considered the desired mixture whenever possible.

6. Dry Hole Marker: All casing shall be cut-off at the base of the cellar or 3 feet below final restored ground level (whichever is deeper). **The BLM is to be notified *BY PHONE* (numbers listed in 2. Notifications) a minimum of 4 hours prior to the wellhead being cut off to verify that cement is to surface in the casing and all annuluses. Wellhead cut off shall commence within ten (10) calendar days of the well being plugged. If the cut off cannot be done by the 10<sup>th</sup> day, the BLM is to be contacted with justification to receive an extension for completing the cut off.**

The well bore shall then be capped with a 4-inch pipe, 10-feet in length, 4 feet above ground and embedded in cement, unless otherwise noted in COA (requirements will be attached). The following information shall be permanently inscribed on the dry hole marker: well name and number, name of the operator, lease serial number, surveyed location (quarter-quarter section, section, township and range or other authorized survey designation acceptable to the authorized officer such as metes and bounds). A weep hole shall be left if a metal plate is welded in place.

7. Subsequent Plugging Reporting: Within 30 days after plugging work is completed, file one original and three copies of the Subsequent Report of Abandonment, Form 3160-5 to BLM. The report should give in detail the manner in which the plugging work was carried out, the extent (by depths) of cement plugs placed, and the size and location (by depths) of casing left in the well. **Show date well was plugged.**

8. Trash: All trash, junk and other waste material shall be contained in trash cages or bins to prevent scattering and will be removed and deposited in an approved sanitary landfill. Burial on site is not permitted.

Following the submission and approval of the Subsequent Report of Abandonment, surface restoration will be required. See attached reclamation objectives.

Sante Fe Main Office  
Phone: (505) 476-3441

General Information  
Phone: (505) 629-6116

Online Phone Directory  
<https://www.emnrd.nm.gov/ocd/contact-us>

State of New Mexico  
Energy, Minerals and Natural Resources  
Oil Conservation Division  
1220 S. St Francis Dr.  
Santa Fe, NM 87505

CONDITIONS

Action 492559

CONDITIONS

Operator: Contango Resources, LLC 3230 Camp Bowie Blvd FORT WORTH, TX 76107	OGRID: 330447
	Action Number: 492559
	Action Type: [C-103] NOI Plug & Abandon (C-103F)

CONDITIONS

Created By	Condition	Condition Date
gcordero	Spot 10 sacks cement 3230' - 3130' - T Yeso	8/14/2025
gcordero	Spot 10 sacks cement 870' - 770' - T Queen	8/14/2025
gcordero	Spot 10 sacks cement 396' - 296' - T 7Rivers	8/14/2025
gcordero	Run CBL 6144' to Surface	8/14/2025
gcordero	A Cement Bond Log (CBL) is required to be submitted to electronic permitting.	8/14/2025
gcordero	Submit Cement Bond Logs (CBL) prior to submittal of C-103P.	8/14/2025