

U.S. Department of the Interior
BUREAU OF LAND MANAGEMENT

Well Name: CHACON AMIGOS	Well Location: T22N / R3W / SEC 11 / NWSE / 36.149672 / -107.124034	County or Parish/State: SANDOVAL / NM
Well Number: 17	Type of Well: OIL WELL	Allottee or Tribe Name: JICARILLA APACHE
Lease Number: JIC360	Unit or CA Name:	Unit or CA Number:
US Well Number: 3004321184	Well Status: Producing Gas Well	Operator: DJR OPERATING LLC

Notice of Intent

Sundry ID: 2765881

Type of Submission: Notice of Intent

Type of Action: Plug and Abandonment

Date Sundry Submitted: 12/13/2023

Time Sundry Submitted: 11:47

Date proposed operation will begin: 12/13/2023

Procedure Description: This request is being submitted for engineering & geological review prior to onsite inspection as approved by Dave M. of the BLM. DJR Operating, LLC requests permission to Plug & Abandon the subject well according to the attached Procedure, Current & Proposed Wellbore Diagram.

Surface Disturbance

Is any additional surface disturbance proposed?: No

NOI Attachments

Procedure Description

NOI_PA_BLM_20231213114636.pdf

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Operator: DJR OPERATING LLC

Conditions of Approval

Specialist Review

General_Requirement_PxA_20231214084738.pdf

22N03W11_Chacon_Amigos_17_Geo_KR_20231214084649.pdf

2765881_NOIA_17_3004321184_KR_12142023_20231214084649.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: SHAW-MARIE FORD

Signed on: DEC 13, 2023 11:47 AM

Name: DJR OPERATING LLC

Title: Regulatory Specialist

Street Address: 1 ROAD 3263

City: AZTEC

State: NM

Phone: (505) 632-3476

Email address: SFORD@DJRLLC.COM

Field

Representative Name:

Street Address:

City:

State:

Zip:

Phone:

Email address:

BLM Point of Contact

BLM POC Name: KENNETH G RENNICK

BLM POC Title: Petroleum Engineer

BLM POC Phone: 5055647742

BLM POC Email Address: krennick@blm.gov

Disposition: Approved

Disposition Date: 12/14/2023

Signature: Kenneth Rennick

**Plug and Abandonment Procedure
for
DJR Operating, LLC
Chacon Amigos 17
API # 30-043-21184
SHL: NW/SE, Unit J, Sec. 11, T22N, R3W
BHL: SE/NW, Unit F, Sec. 11, T22N, R3W
Sandoval County, NM**

NOTE: 11/9/23 – 11/10/2023 The tubing was removed from this well, a WL junk basket was run and a WL-set CIBP was set at 7177’.

1. Hold Pre job meeting, comply with all NMOCD, BLM, and environmental regulations.
2. MIRU PxA rig and equipment.
3. Check and record casing and bradenhead pressures.
4. ND WH, NU BOP, function test BOP.
5. PU workstring. TIH with tagging sub to 7177’.
6. Drop standing valve and pressure test tubing to 1000 psi. Recover standing valve.
7. Load and roll the hole.
8. PT the 5 ½” casing. If the PT fails, contact engineering.
9. Plug 1: Dakota: Mix and pump a balanced plug of 100’ above the CIBP. Pull up hole, WOC 4 hours as per NMOCD directive.
10. TIH, tag Plug 1. If Plug 1 is at 7156’ or above, continue to step 11.
11. Pull up to 6250’.
12. Plug 2: Gallup formation top: Spot a balanced plug of 150’ from 6250’.
13. Pull up to 5266’.
14. Plug 3: Mancos formation top: Spot balanced plug of 150’ from 5266’.
15. Pull up to 4511’.
16. Plug 4: Mesa Verde formation top: Spot balanced plug of 150’ from 4511’.
17. Pull up to 3296’.

18. Plug 5: Chacra formation top: Spot a balanced plug of 150' from 3296'.
19. Pull up to 2829'.
20. Plug 6: Pictured Cliffs, Fruitland, Kirtland, and Ojo Alamo formation tops: Spot a balanced plug of 551' from 2829'.
21. Pull up to 1172'.
22. Plug 7: Nacimiento formation top: Spot a balanced plug of 150' from 1172'.
23. Pull up to 601'
24. Plug 8: Surface casing shoe to surface: Mix and pump a balanced plug from 601' to surface.
25. TOOH.
26. RD cementing equipment. Cut off wellhead, fill any exposed annulus with cement, as necessary. **Install surface P&A marker as per BIA requirements.** Record GPS coordinates for P&A marker and the Final P&A Report. Photograph the P&A marker and attach to the report.
27. Top off casings and cellar with cement as required.
28. RD and MO all rig and cement equipment. Assure that location is free of trash before moving off.
29. Send all reports and attachments to DJR Aztec office for regulatory filings.

Note: All cement is to be Class G mixed at 15.8 ppg, yield 1.15 cu ft / sx. Cement volumes are based on inside capacities + 50' excess.

Surface PxA marker is to be installed at surface, 12"x18", and placed 1 to 2' below the proposed reclaimed GL surface.

**Current Wellbore Diagram
DJR Operating, LLC**

Chacon Amigos 17

API # 30-043-21184

SHL: NW/SE, Unit J, Sec 11, T22N, R3W

BHL: SE/NW, Unit F, Sec 11, T22N, R3W

Sandoval County, NM

GL 7196'
KB 7212'
Spud Date 11/19/2014

SURF CSG

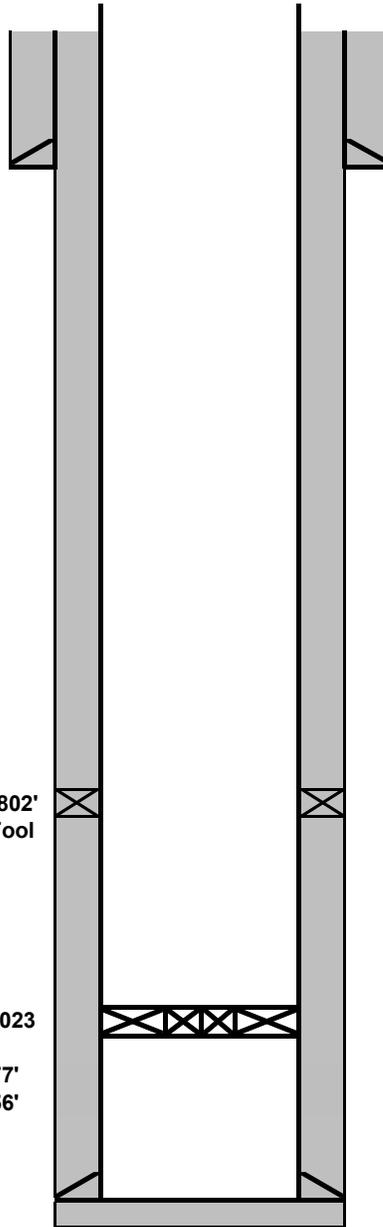
Hole size: 12.25"
Csg Size: 8.625"
Wt: 24#
Grade: J-55
ID: 8.097"
Depth: 551'
Csg cap ft³: 0.3576
TOC: Surf

FORMATION TOPS, (MD)

San Jose	Surface
Nacimiento	1122'
Ojo Alamo	2378'
Kirtland	2515'
Fruitland	2646'
Pictured Cliffs	2779'
Lewis	2872'
Chacra	3246'
Mesa Verde	4461'
Mancos	5216'
Gallup	6200'
Dakota	7206'

PROD CSG

Hole size: 7.875"
Csg Size: 5.5"
Wt: 17#
Grade: J-55
ID: 4.892"
Depth: 7835'
Csg cap ft³: 0.1305
Csg/Csg Ann ft³: 0.1926
Csg/OH cap ft³: 0.1733
TOC: Stg 1 Circ cmt to surface
TOC: Stg 2 Circ cmt to surface



DV Tool at 4802'
TOC at DV Tool

CIBP @ 7177' MD 11-10-2023

Perfs 7244-77'
7346-56'

TVD 7447'
PBTMD (MD) 7792'
MD 7850'

Proposed Plug and Abandon

DJR Operating, LLC

Chacon Amigos 17

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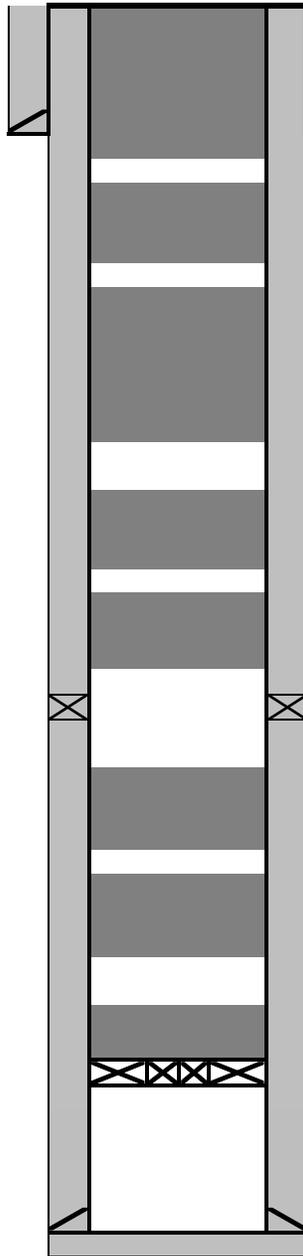
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 TOC at DV Tool

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 7346-56'

TVD 7447'
 PBTD (MD) 7792'
 MD 7850'



Plug 8: Surface casing shoe to surface: Mix and spot a balanced plug from 601' to surface. Cut off WH, install P&A marker.

Plug 7: Nacimiento: Mix and spot balanced plug of 150' from 1172' to 1022'.

Plug 6: Pictured Cliffs, Fruitland, Kirtland and Ojo Alamo: Mix and spot a balanced plug of 551' from 2829' to 2278'.

Plug 5: Chacra: Mix and spot balanced plug of 150' from 3296' to 3146'.

Plug 4: Mesa Verde: Mix and spot balanced plug of 150' from 4511' to 4361'.

Plug 3: Mancos: Mix and spot balanced plug of 150' from 5266' to 5116'.

Plug 2: Gallup: Mix and spot balanced plug of 150' from 6250' to 6100'.

Plug 1: Mix and spot balanced plug of 100' on top of CIBP.

**UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
FARMINGTON DISTRICT OFFICE
6251 COLLEGE BLVD.
FARMINGTON, NEW MEXICO 87402**

AFMSS 2 Sundry ID 2765881

Attachment to notice of Intention to Abandon

Well: Chacon Amigos 17

CONDITIONS OF APPROVAL

1. Plugging operations authorized are subject to the attached "General Requirements for Permanent Abandonment of Wells on Federal and Indian Lease."
2. Farmington Office is to be notified at least 24 hours before the plugging operations commence at (505) 564-7750.

You are also required to place cement excesses per 4.2 and 4.4 of the attached General Requirements.

Office Hours: 7:45 a.m. to 4:30 p.m.

K. Rennick 12/14/2023

**BLM FLUID MINERALS
P&A Geologic Report**

Date Completed: 12/14/2023

Well No. Chacon Amigos 17 (API 30-043-21184)	Location				
Lease No. JIC360	Sec. 11	T22N			R3W
Operator DJR Operating LLC	County	Sandoval		State	New Mexico
Total Depth 7850' (TD, MD)	7792' (PB, MD)	Formation Dakota			
Elevation (GL) 7196'					

Geologic Formations	Est. Top	Est. Bottom	Log Top	Log Bottom	Remarks
San Jose Fm					Surface/freshwater sands
Nacimiento Fm			1122		Possible freshwater sands
Ojo Alamo Ss			2378		Aquifer (possible freshwater)
Kirtland Shale			2515		
Fruitland Fm			2646		Coal/Gas/Possible water
Pictured Cliffs Ss			2779		Gas
Lewis Shale			2872		
Chacra			3246		Gas
Cliff House Ss			4461		Water/Possible gas
Menefee Fm					Coal/Ss/Water/Possible O&G
Point Lookout Ss					Probable water/Possible O&G
Mancos Shale			5216		
Gallup			6200		O&G/Water
Greenhorn					
Graneros Shale					
Dakota Ss			7206		O&G/Water

Remarks:

P & A

-- Array Compensated/ True Resistivity raster log available for the well. Confirms the formation tops provided by the operator.

Prepared by: Kenneth Rennick

**GENERAL REQUIREMENTS FOR
PERMANENT ABANDONMENT OF WELLS ON FEDERAL AND INDIAN LEASES
FARMINGTON FIELD OFFICE**

- 1.0 The approved plugging plans may contain variances from the following minimum general requirements.
- 1.1 Modification of the approved plugging procedure is allowed only with the prior approval of the Authorized Officer, Farmington Field Office.
 - 1.2 Requirements may be added to address specific well conditions.
- 2.0 Materials used must be accurately measured. (densometer/scales)
- 3.0 A tank or lined pit must be used for containment of any fluids from the wellbore during plugging operations and all pits are to be fenced with woven wire. These pits will be fenced on three sides and once the rig leaves location, the fourth side will be fenced.
- 3.1 Pits are not to be used for disposal of any hydrocarbons. If hydrocarbons are present in the pit, the fluids must be removed prior to filling in.
- 4.0 All cement plugs are to be placed through a work string. Cement may be bull-headed down the casing with prior approval. Cement caps on top of bridge plugs or cement retainers may be placed by dump bailer.
- 4.1 The cement shall be as specified in the approved plugging plan.
 - 4.2 All cement plugs placed inside casing shall have sufficient volume to fill a minimum of 100' of the casing, or annular void(s) between casings, plus an excess volume sufficient to provide for 50 linear feet of fill above the plug.
 - 4.3 Surface plugs may be no less than 50' in length.
 - 4.4 All cement plugs placed to fill annular void(s) between casing and the formation shall be of sufficient volume to fill a minimum of 100' of the annular space plus 100% excess, calculated using the bit size, or 100' of annular capacity, determined from a caliper log, plus an excess volume sufficient to provide for 50 linear feet of fill above the plug.
 - 4.5 All cement plugs placed to fill an open hole shall be of sufficient volume to fill a minimum of 100' of hole, as calculated from a caliper log, plus an excess volume sufficient to provide for 50 linear feet of fill above the plug. In the absence of a caliper log, an excess of 100% shall be required.
 - 4.6 **A cement bond log or other accepted cement evaluation tool is required to be run if one had not been previously ran or cement did not circulate to surface during the original casing cementing job or subsequent cementing jobs.**

5.0 All cement plugs spotted across, or above, any exposed zone(s), when; the wellbore is not full of fluid or the fluid level will not remain static, and in the case of lost circulation or partial returns during cement placement, shall be tested by tagging with the work string.

- 5.1 The top of any cement plug verified by tagging must be at or above the depth specified in the approved plan, without regard to any excess.
- 5.2 Testing will not be required for any cement plug that is mechanically contained by use of a bridge plug and/or cement retainer, if casing integrity has been established.
- 5.3 Any cement plug which is the only isolating medium, for a fresh water interval or a zone containing a prospectively valuable deposit of minerals, shall be tested by tagging.
- 5.4 If perforations are required below the surface casing shoe, a 30 minute minimum wait time will be required to determine if gas and/or water flows are present. If flow is present, the well will be shut-in for a minimum of one hour and the pressure recorded. Short or long term venting may be necessary to evacuate trapped gas. **If only a water flow occurs with no associated gas, shut well in and record the pressures. Contact the Engineer as it may be necessary to change the cement weight and additives.**

6.0 Before setting any cement plugs the hole needs to be rolled. All wells are to be controlled by means of a fluid that is to be of a weight and consistency necessary to stabilize the wellbore. This fluid shall be left in place as filler between all plugs.

- 6.1 Drilling mud may be used as the wellbore fluid in open hole plugging operations.
- 6.2 The wellbore fluid used in cased holes shall be of sufficient weight to balance known pore pressures in all exposed formations.

7.0 A blowout preventer and related equipment (BOPE) shall be installed and tested prior to working in a wellbore with any exposed zone(s); (1) that are over pressured, (2) where the pressures are unknown, or (3) known to contain H₂S.

8.0 Within 30 days after plugging work is completed, file a Sundry Notice, Subsequent Report of Abandonment (Form 3160-5), through the Automated Fluid Minerals Support System (AFMSS) with the Field Manager, Bureau of Land Management, 6251 College Blvd., Suite A, Farmington, NM 87402. The report should show the manner in which the plugging work was carried out, the extent, by depth(s), of cement plugs placed, and the size and location, by depth(s), of casing left in the well. Show date well was plugged.

9.0 All permanently abandoned wells are to be marked with a permanent monument as specified in 43 CFR 3162.6(d). Unless otherwise approved.

10.0 If this well is located in a Specially Designated Area (SDA), compliance with the appropriate seasonal closure requirements will be necessary.

All of the above are minimum requirements. Failure to comply with the above conditions of approval may result in an assessment for noncompliance and/or a Shut-in Order being issued pursuant to 43 CFR 3163.1. You are further advised that any instructions, orders or decisions issued by the Bureau of Land Management are subject to administrative review pursuant to 43 CFR 3165.3 and appeal pursuant to 43 CFR 3165.4 and 43 CFR 4.700.

District I
 1625 N. French Dr., Hobbs, NM 88240
 Phone:(575) 393-6161 Fax:(575) 393-0720

District II
 811 S. First St., Artesia, NM 88210
 Phone:(575) 748-1283 Fax:(575) 748-9720

District III
 1000 Rio Brazos Rd., Aztec, NM 87410
 Phone:(505) 334-6178 Fax:(505) 334-6170

District IV
 1220 S. St Francis Dr., Santa Fe, NM 87505
 Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

Action 295489

CONDITIONS

Operator: DJR OPERATING, LLC 1 Road 3263 Aztec, NM 87410	OGRID: 371838
	Action Number: 295489
	Action Type: [C-103] NOI Plug & Abandon (C-103F)

CONDITIONS

Created By	Condition	Condition Date
mkuehling	No plug at DV tool - for record only - cbl from 7830 to 100 feet in file	12/26/2023