

Well Name: CHACON AMIGOS	Well Location: T22N / R3W / SEC 2 / NWNE /	County or Parish/State: SANDOVAL / NM
Well Number: 1	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: 3004320469	Well Status: Oil Well Shut In	Operator: DJR OPERATING LLC

Notice of Intent

Sundry ID: 2698591

Type of Submission: Notice of Intent	Type of Action: Plug and Abandonment
Date Sundry Submitted: 10/18/2022	Time Sundry Submitted: 01:12
Date proposed operation will begin: 10/18/2022	

Procedure Description: This NOI to P&A is being submitted for engineering & geological review prior to onsite inspection as approved by Dave M. of the BLM. A Reclamation Plan will be submitted on a subsequent sundry at a later date. 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_Submittal_20221018131234.pdf

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Conditions of Approval

Additional

22N03W02BKd_Chacon_Amigos_001_20221101140217.pdf

Authorized

General_Requirement_PxA_20221101150231.pdf

2698591_NOIA_1_3004320469_KR_11012022_20221101150214.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: OCT 18, 2022 01:12 PM

Name: DJR OPERATING LLC

Title: Regulatory Specialist

Street Address: 1 Road 3263

City: Aztec **State:** NM

Phone: (505) 632-3476

Email address: sford@djrlc.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: 11/01/2022

Signature: Kenneth Rennick

**Plug and Abandonment Procedure
for
DJR Operating, LLC
Chacon Amigos 1
API # 30-043-20469
NW/NE, Unit B, Sec. 2, T22N, R3W
Sandoval County, NM**

1. Hold Pre job meeting, comply with all NMOCD, BLM and environmental regulations.
2. MIRU.
3. Check and record tubing, casing and bradenhead pressures.
4. Remove existing piping from casing valve, RU blow lines from casing valves and blow down casing pressure. Kill well as necessary. Ensure that well is dead or on a vacuum.
5. Set tubing stop. ND WH, NU BOP, function test BOP.
6. Trip out of hole with 2 3/8" tubing. LD tubing to be sent in for storage/salvage.
7. PU workstring, TIH with bit and scraper, make sure that the bit and scraper will go below 6850'. TOOH.
8. Plug 1. Dakota perfs: RU cement equipment. PU and TIH with a 4 1/2" cement retainer. Set the CR near 6850'. Pressure test tubing to 1000 psi. Sting out of CR. Roll hole. Pressure test casing to 600 psi. Sting back into CR and attempt to squeeze below CR with 10 sx. Pump water to ensure tubing is clear. TOOH.
9. RU and RIH with CBL. Run from top of CR to surface. Send CBL log to Kenneth Rennick krennick@blm.gov, Monica Kueling monica.kueling@state.nm.us, Loren Diede ldiede@djrlc.com, Scott Lindsay slindsay@djrlc.com. Plugs may be adjusted per log run. POOH.
10. Plug 2. Dakota top: Mix and spot plug from top of CR to 6820'. Pump water to ensure tubing is clear.
11. Plug 3. Gallup: Mix and pump balanced plug from 5830-5730'. Pump water to ensure tubing is clear.
12. Plug 4. Mancos: Perforate holes at 5000'. Set CR near 4950'. Mix and pump sufficient volume to bring TOC to 4900', inside and outside. Pump water to ensure tubing is clear. TOOH.
13. Plug 5. Mesa Verde: Perforate holes at 4220'. Set CR near 4170'. Mix and pump sufficient volume to bring TOC to 4120', inside and outside. Pump water to ensure tubing is clear. TOOH.

14. Plug 6. Chacra: Mix and pump a balanced plug from 3172-3072'. Pump water to ensure that tubing is clear. TOOH.
15. Plug 7. Pictured Cliffs, Fruitland, Kirtland, and Ojo Alamo: Mix and pump a balanced plug from 2720-2260'. Pump water to ensure that tubing is clear. TOOH.
16. Plug 8. Nacimiento: Perforate holes at 1210'. Set CR near 1160'. Mix and pump sufficient volume to bring TOC to 1110', inside and outside. Pump water to ensure tubing is clear.
17. Plug 9. Surface: Perforate holes at 319'. Tie onto 4-1/2" casing and mix and pump sufficient volume to bring cement to surface inside and outside 4-1/2" casing.
18. RD cementing equipment. Cut off wellhead, fill any exposed annulus with cement as necessary. **Install 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.
19. RD and MO all rig and cement equipment. Assure that location is free of trash before moving off.
20. 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 and outside capacities + 100% excess. PxA marker is to 12"x18" with rounded corners and installed below grade no deeper than 2'.

Current Wellbore Diagram
DJR Operating, LLC
Chacon Amigos 1

API # 30-043-20469
 NW/NE, Unit B, Sec 2, T22N, R3W
 Sandoval County, NM

GL 7162'
 KB 7176'
 Spud Date 5/17/1980

SURF CSG

Hole size 12.25"
 Csg Size: 8.625"
 Wt: 24#
 Grade: K-55
 ID: 8.097"
 Depth 269'
 Csg cap ft³: 0.3576
 TOC: Surf

FORMATION TOPS

San Jose	Surface
Nacimiento	1160'
Ojo Alamo	2310'
Kirtland	2445'
Fruitland	2570'
Pictured Cliffs	2670'
Chacra	3122'
Mesa Verde	4170'
Mancos	4950'
Gallup	5780'
Dakota	6870'

Prod Tubing Detail:

2-3/8" tubing landed at 6894'.

Rod Detail

Plunger well

PROD CSG

Hole size 7.875"
 Csg Size: 4.5"
 Wt: 10.5/11.6#
 Grade: K-55
 ID: 4.052"
 Depth 7163'
 Csg cap ft³: 0.0895
 Csq/Csq Ann ft³: 0.2471
 Csg/OH cap ft³: 0.2278
 TOC: Stg 1 (Calc) 5463'
 TOC: Stg 2 (Calc) 2143'

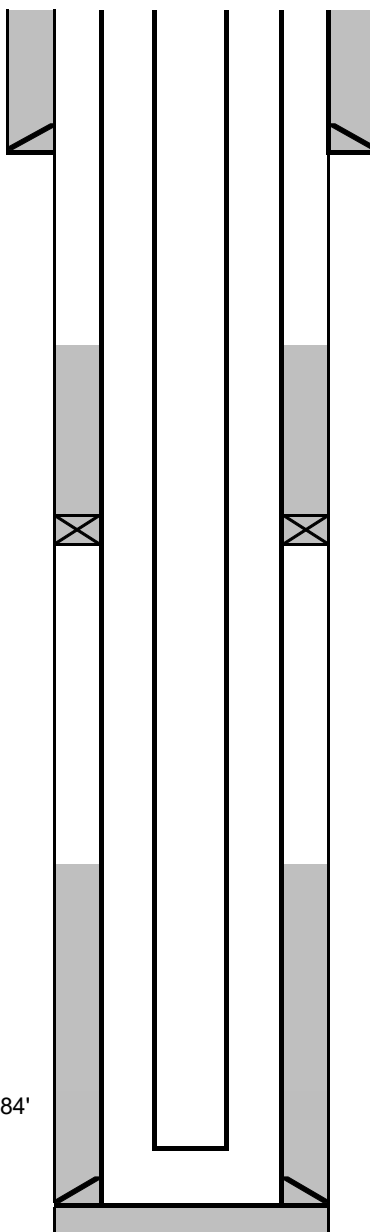
TOC 2143'

DV Tool at 3655'

TOC 5463' (Calc.)

Perfs 6870-6984'

PBTD 7042'
 TD 7165'



Proposed PxA Wellbore
DJR Operating, LLC
Chacon Amigos 1
API # 30-043-20469
NW/NE, Unit B, Sec 2, T22N, R3W
Sandoval County, NM

GL 7162'
KB 7176'
Spud Date 5/17/1980

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 Csg Size: 8.625"
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 TOC: Stg 1 (Calc) 5463'
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DV Tool at 3655'

TOC 5463' (Calc.)

NOTE: Inside plugs will include 50' excess, while outside plugs will include 100% excess cement.

Perfs 6870-6984'

PBTD 7042'
 TD 7165'

Plug 9: Surface casing shoe and surface plug: Perf holes at 319'. Tie onto 4-1/2" casing and mix and pump sufficient volume to bring cement to surface, inside and outside.

Plug 8: Nacimiento: Perf holes at 1210'. Set CR near 1160'. Mix and pump sufficient volume to bring TOC to 1110' inside and outside.

Plug 7: Pictured Cliffs, Fruitland, Ojo Alamo: Spot balanced plug from 2720-2260'.

Plug 6: Chacra: Spot balanced plug from 3172-3072'.

Plug 5: Mesa Verde: Perf holes at 4220'. Set CR near 4170'. Mix and pump sufficient volume to bring TOC to 4120', inside and outside.

Plug 4: Mancos: Perf holes at 5000'. Set CR near 4950'. Mix and pump sufficient volume to bring TOC to 4900', inside and outside.

Plug 3: Gallup: Spot balanced plug from 5830-5730'.

Plug 2: Dakota top: Spot cement from CR to 6820'.

Plug 1: Dakota perfs: Set CR near 6850'. Squeeze 10 sx cement through CR into Dakota perfs. Run CBL.

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

AFMSS 2 Sundry ID 2698591

Attachment to notice of Intention to Abandon

Well: Chacon Amigos 1

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 11/1/2022

**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), five copies, 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.

BLM FLUID MINERALS P&A Geologic Report

Date Completed: 11/01/2022

Well No. Chacon Amigos #001 (API# 30-043-20469)		Location	790	FNL	&	1850	FEL
Lease No. JIC360		Sec. 02	T22N			R03W	
Operator DJR Operating LLC		County	Sandoval		State	New Mexico	
Total Depth 7165'	PBTD 7042'	Formation Dakota					
Elevation (GL)		Elevation (KB) 7176'					

Geologic Formations	Est. Top	Est. Bottom	Log Top	Log Bottom	Remarks
San Jose			Surface	1160	Surface/possible freshwater sands
Nacimiento			1160	2310	Possible water sands
Ojo Alamo Ss			2310	2445	Aquifer (possible freshwater)
Kirtland Shale			2445	2570	Possible gas
Fruitland			2570	2670	Coal/Gas/Water
Pictured Cliffs Ss			2670	2760	Probable Gas
Lewis Shale			2760	3122	
Chacra			3122	4170	Possible Gas
Cliff House Ss			4170	4220	Water/probable gas
Menefee			4220	4750	Coal/Ss/Water/probable gas
Point Lookout Ss			4750	4950	Probable water/O&G
Mancos Shale			4950	5780	Probable O&G
Gallup			5780	6804	Probable O&G
Greenhorn			6804	6835	
Graneros Shale			6835	6870	
Dakota Ss			6870	PBTD	O&G
Morrison					

Remarks:

P & A

- Dakota perfs 6870' – 6984'.

Reference Well:

1) **Formation Tops**
Same

Prepared by: Chris Wenman

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 155518

CONDITIONS

Operator: DJR OPERATING, LLC 1 Road 3263 Aztec, NM 87410	OGRID: 371838
	Action Number: 155518
	Action Type: [C-103] NOI Plug & Abandon (C-103F)

CONDITIONS

Created By	Condition	Condition Date
kpickford	CBL required	11/4/2022
kpickford	Notify NMOCD 24 Hours Prior to beginning operations	11/4/2022
kpickford	Adhere to BLM approved COAs and plugs. See BLM COAs and GEO report.	11/4/2022