

Well Name: CHACON AMIGOS	Well Location: T22N / R3W / SEC 11 / NENW /	County or Parish/State: SANDOVAL / NM
Well Number: 6	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: 300432051300S1	Well Status: Oil Well Shut In	Operator: DJR OPERATING LLC

Notice of Intent

Type of Submission: Notice of Intent	Type of Action Plug and Abandonment
Date Sundry Submitted: 01/25/2021	Time Sundry Submitted: 12:31
Date proposed operation will begin: 01/25/2021	
Procedure Description: DJR Operating, LLC requests permission to Plug & Abandon the subject well according to the attached Procedure, Current & Proposed Wellbore Diagram and Reclamation Plan.	

Surface Disturbance

Is any additional surface disturbance proposed?: No

NOI Attachments

- Procedure Description
- Chacon_Amigos_6_Reclamation_Plan_20210125123134.pdf
 - Chacon_Amigos_6_Proposed_WBD_20210125123126.pdf
 - Chacon_Amigos_6_Current_WBD_20210125123118.pdf
 - Chacon_Amigos_6_PA_Procedure_20210125123111.pdf

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Conditions of Approval

Specialist Review
General_Requirement_P_A_20210324112917.pdf

Additional Reviews
Chacon_Amigos__20210325083844

Operator Certification

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 submission of Form 3160-5 or a Sundry Notice.

Operator Electronic Signature: SHAW-MARIE FORD	Signed on: JAN 25, 2021 12:31 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

Representative Name:		
Street Address:		
City:	State:	Zip:
Phone:		
Email address:		

BLM Point of Contact

BLM POC Name: DAVE J MANKIEWICZ	BLM POC Title: AFM-Minerals
BLM POC Phone: 5055647761	BLM POC Email Address: DMANKIEW@BLM.GOV
Disposition: Approved	Disposition Date: 06/04/2021
Signature: Dave Mankiewicz	

Plug and Abandonment Procedure
for
DJR Operating, LLC
Chacon Amigos 6
API # 30-043-20513
NE/NW, Unit C, Sec. 11, T22N, R3W
Sandoval County, NM

I.

1. Hold Pre job meeting, comply with all NMOCD, BLM and environmental regulations.
2. MIRU prep rig.
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. MIRU hot oil unit, pump hot water to clear tubing of paraffin.
6. TOO H with rods. LD rods to be sent in for storage/salvage.
7. Unset TAC.
8. ND WH, NU BOP, function test BOP.
9. Trip out of hole with 2 3/8" tubing. LD tubing to be sent in for storage/salvage.
10. RDMO prep rig to next location.

II.

11. MIRU P&A rig and equipment.
12. PU workstring, TIH with bit and scraper, make sure that the bit and scraper will go below 6700'. TOO H.

13. PU and RIH with a 4 ½" cement retainer. Set the CR at +/- 6700'. Pressure test tubing to 1000 psi, sting out of CR, test casing to 600 psi. If casing does not test, contact engineering.
14. RU Wireline unit. RIH with CBL and run from 6700' to surface. Determine TOC and adjust cement plugs as required.
15. Plug 1. RU cement equipment. Sting back into CR and attempt to mix and pump 20 sx Class G cement through the CR into the Dakota perforations. If zone pressures up, sting out of CR and continue with Plug 2.
16. Plug 2. Dakota: Mix and spot a 50' plug of Class G cement on top of retainer from 6700'-6650'. Pump water to ensure tubing is clear.
17. Plug 3. Gallup: Pump a 100' balanced plug of Class G cement from 5550-5450'. Pump water to ensure tubing is clear. TOOH.
18. Plug 4. Mancos: RIH with wireline and perforate 4 holes at 4811'. POOH. TIH with CR and set at 4761'. Mix and pump a 100' plug of Class G cement from 4811-4711', inside and outside, spotting 50' on top of CR. Pump water to ensure tubing is clear. TOOH.
19. Plug 5. Mesa Verde: RIH with wireline and perforate 4 holes at 4062'. POOH. TIH with CR and set at 4012'. Mix and pump a 100' plug of Class G cement from 4062-3962', inside and outside, spotting 50' on top of CR. Pump water to ensure tubing is clear.
20. Plug 6. Chacra: RIH with wireline and perforate 4 holes at 3333'. POOH. TIH with CR and set at 3283'. Mix and pump a 100' plug of Class G cement from 3333-3233', inside and outside, spotting 50' on top of CR. Pump water to ensure tubing is clear.
21. Plug 7: Pictured Cliffs, Fruitland, Kirtland, and Ojo Alamo: Spot 465' balanced plug from 2568-2103' with Class G cement. If CBL indicates, this stage may require perforating the 4-1/2" casing, and squeezing below a CR. Pump water to ensure that tubing is clear.
22. Plug 8: Nacimiento: Top and perf depth to be determined by regulatory agencies. RIH with wireline and perforate 4 holes at a depth to be determined. POOH. TIH with CR and set at a depth to be determined. Mix and pump a 100' plug of Class G cement inside and outside across Nacimiento top, spotting 50' on top of CR. Pump water to ensure tubing is clear. (If CBL indicates cement behind pipe, this may be a balanced plug).
23. Plug 9: Surface casing shoe: Perforate 4 holes at 325'. Tie onto 4-1/2" casing and mix and pump sufficient volume to bring Class G cement to surface inside and outside 4-1/2" casing.

24. 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.
25. RD and MO all rig and cement equipment. Assure that location is free of trash and contamination before moving off.
26. 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.

Surface PxA marker is to be installed at surface, 12"x18", and exposed at the reclaimed GL surface.

Current Wellbore Diagram
DJR Operating, LLC
Chacon Amigos 6

API # 30-043-20513
 NE/NW, Unit C, Sec 11, T22N, R3W
 Sandoval County, NM

GL 7111'
 KB 7125'
 Spud Date 5/13/1981

SURF CSG

Hole size 12.25"
 Csg Size: 8.625"
 Wt: 24#
 Grade: K-55
 ID: 8.097"
 Depth 275'
 Csg cap ft³: 0.3576
 TOC: Surf

FORMATION TOPS

Nacimiento	TBD
Ojo Alamo	2153'
Kirtland	2287'
Fruitland	2352'
Pictured Cliffs	2518'
Lewis	2615'
Chacra	3283'
Mesa Verde	4012'
Mancos	4761'
Gallup	5500'
Dakota	6743'

PROD CSG

Hole size 7.875"
 Csg Size: 4.5"
 Wt: 10.5/11.6#
 Grade: K-55
 ID: 4.052"
 Depth 7021'
 Csg cap ft³: 0.0895
 Csg/Csg Ann ft³: 0.2471
 Csg/OH cap ft³: 0.2278
 TOC: Stg 1 (Calc) 5298'
 TOC: Stg 2 (Calc) 1966'

Prod Tubing Detail:

Sawtooth collar, 1 jt. 2-3/8" tbg., SN, 3 jts. 2-3/8" tubing, TAC, 207 jts. Tbg.

Rod Detail

Plunger well

Perfs 6745-6859' <<< >>>

PBTD 6922'
 TD 7017'

TOC 1966' (Calc)

DV Tool at 2766'

TOC 5298' (Calc)

Proposed P&A Wellbore Diagram

DJR Operating, LLC

Chacon Amigos 6

API # 30-043-20513

NE/NW, Unit C, Sec 11, T22N, R3W

Sandoval County, NM

GL 7111'

KB 7125'

Spud Date 5/13/1981

SURF CSG

Hole size 12.25"
 Csg Size: 8.625"
 Wt: 24#
 Grade: K-55
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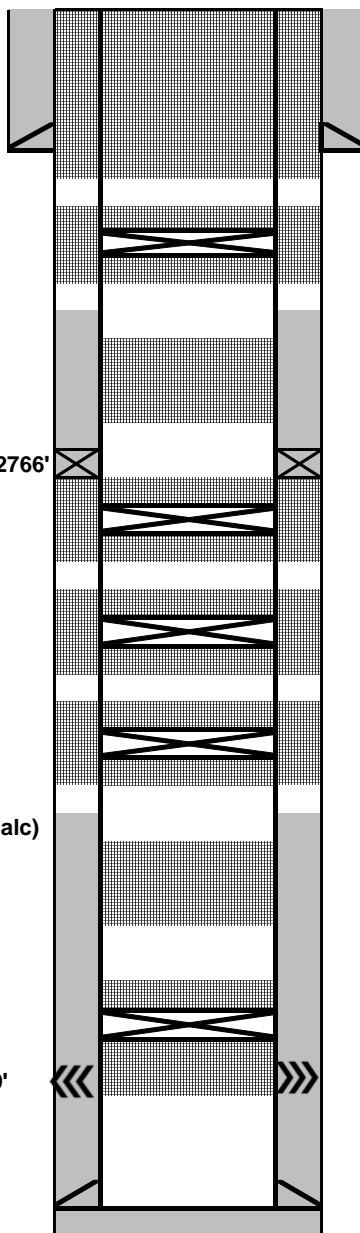
DV Tool at 2766'

TOC 5298' (Calc)

Perfs 6745-6859'

PBTD 6922'

TD 7017'



Perf 4 holes at 325'. Tie onto 4-1/2" casing and mix and pump sufficient volume to bring cement to surface inside and outside 4-1/2" casing.

Plug 8: Nacimiento: Top and perf depth to be determined. Pump 100' plug of Class G cement inside and outside. May be a balanced plug, based on CBL. Spot 50' cement plug on top of CR.

TOC 1966' (Calc)

Plug 7: Pictured Cliffs, Fruitland, Ojo Alamo: Pump 465' balanced plug of Class G from 2568'-2103'.

Plug 6: Chacra: Perf 4 holes at 3333'. Set CR at 3283'. Pump 100' plug of Class G cement from 3333'-3233', inside and outside. Spot 50' cement plug on top of CR.

Plug 5: Mesa Verde: Perf 4 holes at 4062'. Set CR at 4012'. Pump 100' plug of Class G cement from 4062'-3962', inside and outside. Spot 50' cement plug on top of CR.

Plug 4: Mancos: Perf 4 holes at 4811'. Set CR at 4761'. Pump 100' plug of Class G cement from 4811' to 4711', inside and outside. Spot 50' cement plug on top of CR.

Plug 3: Gallup: Pump 100' balanced plug of Class G cement from 5550' to 5450'.

Plug 2: Dakota: Spot 50' Class G cement from 6700' to 6650' on top of retainer.

CR 6700'

Plug 1: Mix and attempt to place 20 sx Class G cement through CR into Dakota perfs.

**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.

(October 2012 Revision)

BLM FLUID MINERALS Geologic Report

Date Completed: 3/23/21

Well No.	Chacon Amigos # 6	Location	800'	FNL &	1850'	FWL
Lease No.	Jic 360	Sec. 11	T22N			R3W
Operator	DJR Operating LLC	County	Sandoval	State	New Mexico	
Total Depth	7017'	PBTD 6922'	Formation	Lindrith Gallup Dakota West		
Elevation (GL) 7111'			Elevation (KB) 7125'			

Geologic Formations	Est. Top	Est. Bottom	Log Top	Log Bottom	Remarks
San Jose Fm			Surface	1190'	Surface/Fresh water sands
Nacimiento Fm			1190'	2155'	Fresh water sands
Ojo Alamo Ss			2155'	2285'	Aquifer (fresh water)
Kirtland Shale			2285'	2430'	
Fruitland Fm			2430'	2515'	Coal/Gas/Possible water
Pictured Cliffs Ss			2515'	2630'	Gas
Lewis Shale			2630'	3285'	
Huerfano Bentonite			2852	2852'	Marker bed
Chacra (lower)			3285'	4010'	Probable water or dry
Cliff House Ss (main)			4010'	4100'	Water/Possible gas
Menefee Fm			4100'	4595'	Coal/Ss/Water/Possible O&G
Point Lookout Ss			4595'	4830'	Probable water/Possible O&G
Mancos Shale			4830'	5450'	Source rock
El Vado Ss			5450'	5490'	Possible O&G
Tocito Ss Lentils			5490'	5640'	Possible O&G
Gallup			5640'	6210'	Possible O&G
Mancos stringer			6210'	6345'	Source rock
Juana Lopez			6345'	6480'	Marker bed
Mancos stringer			6480'	6655'	Source rock
Bridge Creek ls			6655'	6700'	Marker bed
Graneros			6700'	6748'	Source rock
Dakota			6748'		O&G/Water

Remarks:

P & A

Reference Well:

1) DJR Same

- Please ensure that the tops of the Pictured Cliffs and Fruitland formations as well as the entire Ojo Alamo aquifer, identified in this report, are isolated by proper placement of cement plugs. This will protect the freshwater sands in this well bore.

-

Prepared by: Walter Gage

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

COMMENTS

Action 31626

COMMENTS

Operator: DJR OPERATING, LLC 1 Road 3263 Aztec, NM 87410	OGRID: 371838
	Action Number: 31626
	Action Type: [C-103] NOI Plug & Abandon (C-103F)

COMMENTS

Created By	Comment	Comment Date
kpickford	KP GEO Review 6/15/2021	6/15/2021

District I

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

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Energy, Minerals and Natural Resources
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CONDITIONS

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Operator: DJR OPERATING, LLC 1 Road 3263 Aztec, NM 87410	OGRID: 371838
	Action Number: 31626
	Action Type: [C-103] NOI Plug & Abandon (C-103F)

CONDITIONS

Created By	Condition	Condition Date
kpickford	Notify NMOCD 24 Hours Prior to beginning operations	6/15/2021
kpickford	In addition to BLM approved plugs, Extend plug #2 6700' to 6605,' to cover Dakota top 6655'.	6/15/2021
kpickford	Ensure coverage from 5690' to 5590' to cover the Gallup top at 5640'.	6/15/2021
kpickford	Ensure coverage from 4880' to 4730' to cover the Mancos top at 4830'.	6/15/2021
kpickford	Ensure coverage from 3335' to 3235' to cover the Chacra top at 3285'.	6/15/2021
kpickford	Ensure coverage from 1240' to 1140' to cover the Nacimiento top at 1190'.	6/15/2021
kpickford	CBL Required.	6/15/2021