

Well Name: MARTIN-WHITTAKER	Well Location: T24N / R4W / SEC 20 / NWNW /	County or Parish/State: RIO ARRIBA / NM
Well Number: 59	Type of Well: OIL WELL	Allottee or Tribe Name: JICARILLA APACHE
Lease Number: JIC42	Unit or CA Name:	Unit or CA Number:
US Well Number: 3003923585	Well Status: Oil Well Shut In	Operator: DJR OPERATING LLC

Notice of Intent

Sundry ID: 2661765

Type of Submission: Notice of Intent	Type of Action: Plug and Abandonment
Date Sundry Submitted: 03/14/2022	Time Sundry Submitted: 07:38
Date proposed operation will begin: 03/14/2022	

Procedure Description: This NOI to P&A is being submitted for engineering & geological review per Dave M. of the BLM prior to onsite inspection. 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

- Martin_Whittaker_59_Proposed_WBD_20220314111358.pdf
- Martin_Whittaker_59_Current_WBD_20220314073828.pdf
- Martin_Whittaker_59_PA_Procedure_20220314073828.pdf
- Martin_Whittaker_59_BIA_Rationale_Form_20220314073827.pdf

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Conditions of Approval

Specialist Review

24N4W20_Martin_Whittaker_59_KGR_20220315105356.pdf
2661765_NOIA_59_3003923585_KR_03152022_20220315105040.pdf
General_Requirement_PxA_20220315104640.pdf

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: MAR 14, 2022 11:14 AM
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: KENNETH G RENNICK	BLM POC Title: Petroleum Engineer
BLM POC Phone: 5055647742	BLM POC Email Address: krennick@blm.gov
Disposition: Approved	Disposition Date: 03/15/2022
Signature: Kenneth Rennick	

Plug and Abandonment Procedure
for
DJR Operating, LLC
Martin Whittaker 59
API # 30-039-23585
NW/NW, Unit D, Sec. 20, T24N, R4W
Rio Arriba County, NM

I.

1. Hold pre-job meeting, comply with all NMOCD, BLM and environmental regulations.
2. Check and record tubing, casing and bradenhead pressures.
3. 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.
4. ND WH, NU BOP, function test BOP.
5. Trip out of hole with 2 3/8" tubing. LD tubing to be sent in for storage/salvage.

II.

6. PU work string, TIH with bit and scraper, make sure that the bit and scraper will go below 6850'. TOOH.
7. Plug 1: Dakota perforations and top: RU cement equipment. PU and TIH with 5-1/2" CR and set at 6850'. Pressure test tubing to 1000 psi. Establish rate. Squeeze below CR with 10 sx. Sting out and spot sufficient volume on top of CR to bring TOC to 6811' (or near bottom Mancos perforation). Pump water to assure that tubing is clear. TOOH.
8. Plug 2: Lower Mancos perforations, Gallup perforations and top: PU and TIH with 5-1/2" CR and set at 5840'. Sting out and pressure test casing to 600 psi. Notify engineering if test is unsuccessful. Sting back in, establish rate, and attempt to squeeze below CR with 110 sx, or until it pressures up. Sting out and spot sufficient volume to bring TOC to 5710'. Pump water to assure that tubing is clear. TOOH.

9. RU and RIH with CBL. Run from TOC to surface. Send CBL log to Kenny Rennick krennick@blm.gov, Monica Kueling monica.kueling@state.nm.us, Brandon Powell PowellBrandon.powell@state.nm.us, Loren Diede ldiede@djrlc.com, Scott Lindsay slindsay@djrlc.com. Plugs may be adjusted per log run.
10. Plug 3: Mancos top: Mix and spot a balanced plug from 4968-4868'. Pump water to assure that tubing is clear.
11. Plug 4: Mesa Verde and Chacra tops: Mix and spot a balanced plug from 4211-3381'. Pump water to assure that tubing is clear.
12. Plug 5: Pictured Cliffs, Fruitland, Kirtland, and Ojo Alamo tops: Mix and spot a balanced plug from 2662-2012'. Pump water to assure that tubing is clear.
13. Plug 6: Nacimiento top: RIH with wireline. Perforate holes at 780'. PU and TIH with 5-1/2" CR and set at 730'. Establish rate. Mix and pump sufficient volume to bring TOC to 680' inside and outside 5-1/2" casing. Pump water to assure that tubing is clear.
14. Plug 7: Surface casing shoe and surface plug: Perforate holes at 330'. Tie onto 5-1/2" casing, establish rate, and mix and pump sufficient volume to bring cement to surface inside and outside 5-1/2" casing.
15. RD cementing equipment. Cut off wellhead, fill annuli 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.
16. RD and MO all rig and cement equipment. Assure that location is free of trash and contamination before moving off.
17. 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 ft³/sk. Cement volumes are to include inside capacities +50' 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

Martin Whittaker 59

API # 30-039-23585

NW/NW, Unit D, Sec 20, T24N, R4W

Rio Arriba County, NM

GL 6729'
 KB 6744'
 Spud Date 10/28/1984

SURF CSG

Hole size 12.25"
 Csg Size: 9.625"
 Wt: 32#
 Grade: J-55
 ID: 9.001"
 Depth 280'
 Csg cap ft³: 0.4418
 TOC: Surf

FORMATION TOPS

Nacimiento	730'
Ojo Alamo	2062'
Kirtland	2256'
Fruitland	2425'
Pictured Cliffs	2612'
Chacra	3431'
Mesa Verde	4161'
Mancos	4918'
Gallup	5760'
Dakota	6861'

PROD CSG

Hole size 8.75/7.875"
 Csg Size: 5.5"
 Wt: 17#
 Grade: K-55
 ID: 4.892"
 Depth 7130'
 Csg cap ft³: 0.1305
 8.75" OH to 4631'
 7.875" OH to 7130'

Prod Tubing Detail:

MA, PS, SN, 34 jts. 2-3/8", TAC, 177 jts. 2-3/8", 8" pup, 1 jt. Of 2-3/8". EOT at 6808' SN at 6772', TAC at 5730'.

Rod Detail:

2x1-1/4x8x9x13 RHAC-Z, 6x1-1/4" sinker bars, 60x7/8" guided rods, 147x3/4" rods, 57x7/8" guided rods, 22' polished rod with 12' liner.

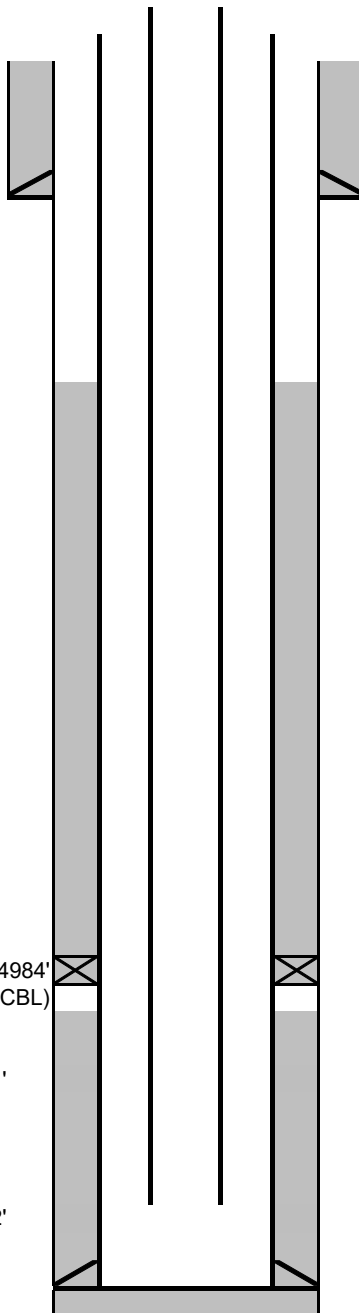
TOC 900' (TS)

DV Tool at 4984'
 TOC 5432' (CBL)

Gallup/Mancos Perfs 5860-6811'

Dakota perfs 6872-6902'

PBTD/TD 7130'



Proposed P&A Wellbore Diagram

DJR Operating, LLC

Martin Whittaker 59

API # 30-039-23585

NW/NW, Unit D, Sec 20, T24N, R4W
Rio Arriba County, NM

GL	6729'
KB	6744'
Spud Date	10/28/1984

SURF CSG

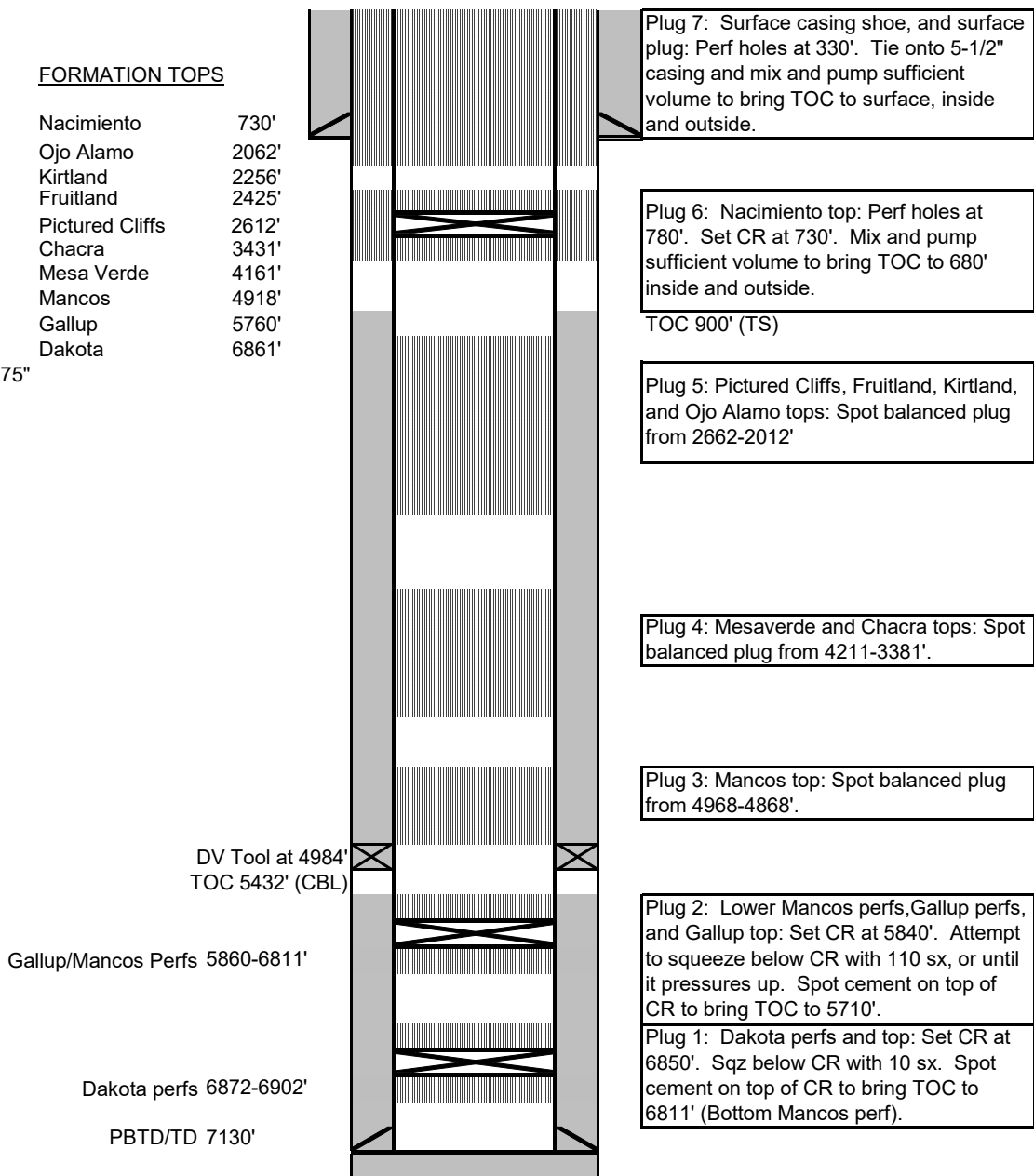
Hole size	12.25"
Csg Size:	9.625"
Wt:	32#
Grade:	J-55
ID:	9.001"
Depth	280'
Csg cap ft ³ :	0.4418
TOC:	Surf

FORMATION TOPS

Nacimiento	730'
Ojo Alamo	2062'
Kirtland	2256'
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Pictured Cliffs	2612'
Chacra	3431'
Mesa Verde	4161'
Mancos	4918'
Gallup	5760'
Dakota	6861'

PROD CSG

Hole size	8.75/7.875"
Csg Size:	5.5"
Wt:	17#
Grade:	K-55
ID:	4.892"
Depth	7130'
Csg cap ft ³ :	0.1305
8.75" OH to 4631'	
7.875" OH to 7130'	



All plugs to be Class G cement

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

AFMSS 2 Sundry ID 2661765

Attachment to notice of Intention to Abandon

Well: Martin-Whitaker 59

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 3/15/2022

**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: 03/15/2022

Well No. Martin Whittaker 59 (API# 30-039-23585)		Location	840	FNL	&	820	FWL
Lease No. JIC42		Sec. 20	T24N			R4W	
Operator DJR Operating, LLC		County	San Juan		State	New Mexico	
Total Depth 7130'	PBTD 7130'	Formation Dakota, Gallup/ Mancos (Lindrith Gallup Dakota, South is the pool production is being reported)					
Elevation (GL) 6729'		Elevation (KB) 6744'					

Geologic Formations	Est. Top	Est. Bottom	Log Top	Log Bottom	Remarks
San Jose Fm					Surface/freshwater sands
Nacimiento Fm			730		Possible freshwater sands
Ojo Alamo Ss			2062		Aquifer (possible freshwater)
Kirtland Shale			2256		
Fruitland Fm			2425		Coal/Gas/Possible water
Pictured Cliffs Ss			2612		Gas
Lewis Shale					
Chacara			3431		Gas
Cliff House Ss			4161		Water/Possible gas
Menefee Fm					Coal/Ss/Water/Possible O&G
Point Lookout Ss					Probable water/Possible O&G
Mancos Shale			4918		
Gallup			5840		O&G/Water
Greenhorn					
Graneros Shale					
Dakota Ss			6861		O&G/Water

Remarks:

P & A

Reference Well:

- Dakota perfs 6872' – 6902'. Gallup/ Mancos perfs 5860' – 6811'. Lindrith Gallup Dakota, South is the pool production is being reported

Prepared by: Kenneth Rennick

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 90417

CONDITIONS

Operator: DJR OPERATING, LLC 1 Road 3263 Aztec, NM 87410	OGRID: 371838
	Action Number: 90417
	Action Type: [C-103] NOI Plug & Abandon (C-103F)

CONDITIONS

Created By	Condition	Condition Date
kpickford	CBL required	3/15/2022
kpickford	Notify NMOCD 24 Hours Prior to beginning operations	3/15/2022
kpickford	Adhere to BLM approved COAs and plugs. See GEO report.	3/15/2022