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

Sundry Print Report

04/18/2022

Well Name: MARTIN-WHITTAKER

Well Location: T23N / R4W / SEC 7 / NESW /

County or Parish/State: RIO ARRIBA / NM

Well Number: 22

Type of Well: OIL WELL

Allottee or Tribe Name: JICARILLA APACHE

Lease Number: JIC362

Unit or CA Name:

Unit or CA Number:

US Well Number: 3003923373

Well Status: Oil Well Shut In

Operator: DJR OPERATING LLC

Notice of Intent

Sundry ID: 2664204

Type of Submission: Notice of Intent

Type of Action: Plug and Abandonment

Date Sundry Submitted: 03/28/2022

Time Sundry Submitted: 03:10

Date proposed operation will begin: 03/28/2022

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

BLM_Submittal_20220328151000.pdf

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US Well Number: 3003923373

Well Status: Oil Well Shut In

Operator: DJR OPERATING LLC

Conditions of Approval

Additional Reviews

2664204_NOIA_22_3003923373_KR_04152022_20220415074349.pdf

General_Requirement_PxA_20220415074339.pdf

23N04W07KKg_Martin_Whittaker_22_20220414163700.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 28, 2022 03:10 PM

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

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: 04/15/2022

Signature: Kenneth Rennick

Plug and Abandonment Procedure

for

DJR Operating, LLC

Martin Whittaker 22

API # 30-039-23373

NE/SW, Unit K, Sec. 7, T23N, 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 workstring, TIH with bit and scraper, make sure that the bit and scraper will go below 6160'. TOOH.

7. Plug 1: Lower Mancos perforations: RU cement equipment. PU and TIH with 4-1/2" CR and set at 6150'. Pressure test tubing to 1000 psi. Establish rate. Squeeze below CR with 10 sx. Sting out and spot 5 sx on top of CR. Pump water to assure that tubing is clear. TOOH.

8. Plug 2: Gallup perforations and top: PU and TIH with 5-1/2" CR and set at 5640'. 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 10 sx. Sting out and spot sufficient volume to bring TOC to 5415'. 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@djrllc.com, Scott Lindsay slindsay@djrllc.com. Plugs may be adjusted per log run.

10. Plug 3: Mancos and liner tops: Mix and spot a balanced plug from 4939-4610'. Pump water to assure that tubing is clear.

11. Plug 4: Mesa Verde top: Mix and spot a balanced plug from 3957-3807'. Pump water to assure that tubing is clear.

12. Plug 5: Chacra top: Mix and spot a balanced plug from 3251-3111'. Pump water to assure that tubing is clear.

13. Plug 6: Pictured Cliffs: Perforate holes at 2452'. Set CR at 2402'. Mix and pump sufficient volume to bring TOC to 2187' inside and outside. Sting out and Pump water to assure that tubing is clear.

14. Plug 7: Fruitland, Kirtland, and Ojo Alamo tops: Mix and spot a balanced plug from 2337-1947'. Pump water to assure that tubing is clear.

15. Plug 8: Nacimiento top: Mix and spot a balanced plug from 1582-1432'. Pump water to assure that tubing is clear.

16. Plug 9: Surface casing shoe and surface plug: Perforate holes at 316'. Tie onto 7" casing, establish rate, and mix and pump sufficient volume to bring cement to surface inside and outside 7" casing.

17. 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.

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

19. 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 ft^3/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 22

API # 30-039-23373
NE/SW, Unit K, Sec 7 T23N, R4W
Rio Arriba County, NM

GL 6848'
KB 6859'
Spud Date 2/10/1984

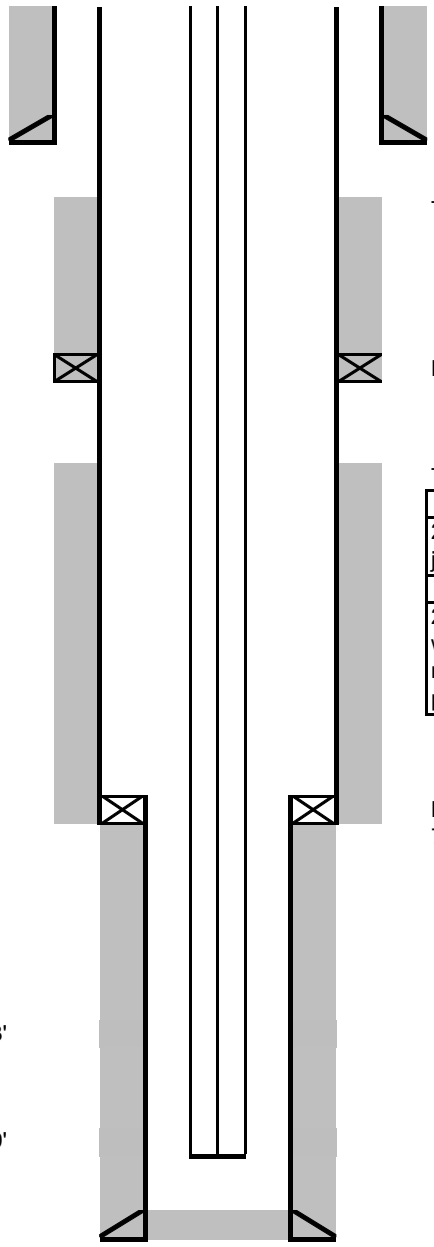
SURF CSG	
Hole size	12.25"
Csg Size:	9.625"
Wt:	32#
Grade:	J-55
ID:	9.001
Depth	266'
Csg cap ft^3:	0.4418
TOC:	Surf

PROD CSG	
Hole size	8.75"
Csg Size:	7"
Wt:	23#
Grade:	J-55
ID:	6.366"
Depth	4710'
Csg cap ft^3:	0.2210
Csg/Csg Ann ft^3:	0.1668
Csg/OH cap ft^3:	0.1503
TOC: Liner (CBL)	4654'
TOC: Stg 1 (CBL)	2800' (highest depth run)
TOC: Stg 2 (TS)	1100'
DV Tool at 2235'	

Liner	
Hole size	6.25"
Csg Size:	4.5"
Wt:	11.6#
Grade:	K-55
ID:	4.000
Depth	4702-6467'
Csg cap ft^3:	0.0872
Csg/OH cap ft^3:	0.1026

FORMATION TOPS	
San Jose	Surface
Nacimiento	1532'*
Ojo Alamo	2047'*
Kirtland	2162'*
Fruitland	2287'*
Pictured Cliffs	2402'
Chacra	3211'*
Mesa Verde	3907'
Mancos	4889*
Gallup	5515'
Semilla	6354'

*Logs incomplete. Tops est. from Martin Whittaker 22 30-039-23373



TOC 1100' (TS)

DV Tool at 2235'

TOC 2800' (CBL)

Tubing Detail:
2-3/8": MA, PS, SN, 24 jts. TAC, 178 jts. 2-3/8" tbg.
Rod Detail:
2x1-1/4x13 RHAC pump, 15x3/4 rods with molded guides, 238x3/4" plain rods, 4',6'x3/4" pony rods, 16' polished rod with 8' liner.

Liner top at 4702'
7" Casing shoe at 4710'

Perfs 5665-5793'

Perfs 6187-6379'

PBTD 6427'
TD 6470'

Proposed PxA Wellbore Diagram

DJR Operating, LLC

Martin Whittaker 22

API # 30-039-23373
NE/SW, Unit K, Sec 7 T23N, R4W
Rio Arriba County, NM

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KB 6859'
Spud Date 2/10/1984

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Csg Size:	9.625"
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Grade:	J-55
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PROD CSG	
Hole size	8.75"
Csg Size:	7"
Wt:	23#
Grade:	J-55
ID:	6.366"
Depth	4710'
Csg cap ft^3:	0.2210
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TOC: Liner (CBL)	4654'
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Hole size	6.25"
Csg Size:	4.5"
Wt:	11.6#
Grade:	K-55
ID:	4.000
Depth	4702-6467'
Csg cap ft^3:	0.0872
Csg/OH cap ft^3:	0.1026

FORMATION TOPS

San Jose	Surface
Nacimiento	1532'*
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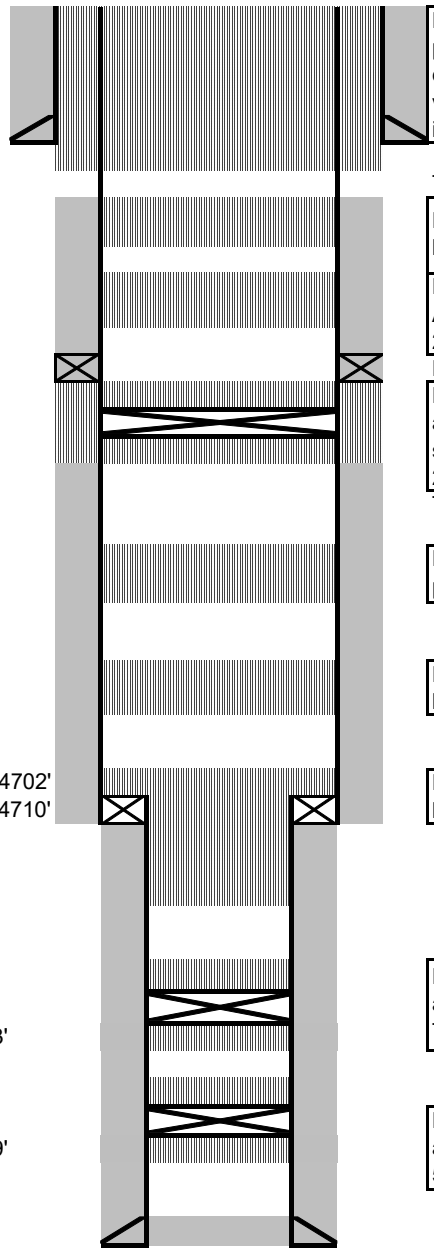

Plug 9: Surface casing shoe and plug: Perf holes at 316'. Tie onto 7" casing. Mix and pump sufficient volume to bring TOC to surface inside and outside.

TOC 1100' (TS)

Plug 8: Nacimiento top: Spot balanced plug from 1582'-1432'

Plug 7: Fruitland, Kirtland, and Ojo Alamo tops: Spot balanced plug from 2337' to 1947'.

DV Tool at 2235'

Plug 6: Pictured Cliffs top: Perf holes at 2452'. Set CR at 2402'. Pump sufficient volume to bring TOC to 2187' inside and outside.

TOC 2800' (CBL)

Plug 5: Chacra top: Spot balanced plug from 3251-3111'.

Plug 4: Mesaverde top: Spot balanced plug from 3957-3807'

Plug 3: Mancos and Liner top: Spot balanced plug from 4939-4610'.

Plug 2: Gallup perfs and top: Set CR at 5640'. Sqz below with 10 sx. Bring TOC to 5415' on top on CR.

Plug 1: Lower Mancos perfs: Set CR at 6160'. Sqz below with 10 sx. Spot 5 sx on top of CR.

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

AFMSS 2 Sundry ID 2664204

Attachment to notice of Intention to Abandon

Well: Martin-Whittaker 22

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.

3. The following modifications to your plugging program are to be made:
   a. Bring the top of Plug #5 (Chacra) up to 2904', or add a plug, to cover BLM formation top estimate at 2954'.
   b. Adjust Plug #8 (Nacimiento), or add a plug, to cover BLM formation top estimate at 800'.

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 4/15/2022

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 H_2S.

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: 04/14/2022

Well No. Martin Whittaker #22 (API# 30-039-23373)		Location	1650 FSL	&	1190 FWL	
Lease No. JIC362		Sec. 07	T23N		R04W	
Operator DJR Operating, LLC		County	Rio Arriba	State	New Mexico	
Total Depth 6470’	PBTD 6427’	Formation	Gallup			
Elevation (GL) 6848’		Elevation (KB)	6859’			

Geologic Formations	Est. Top	Est. Bottom	Log Top	Log Bottom	Remarks
San Jose Fm	Surface	800			Surface/freshwater sands
Nacimiento Fm	800	2047			Possible freshwater sands
Ojo Alamo Ss	2047	2162			Aquifer (possible freshwater)
Kirtland Shale	2162	2287			
Fruitland Fm	2287	2402			Coal/Gas/Possible water
Pictured Cliffs Ss	2402	2576			Gas
Lewis Shale	2576	2954			
Chacra	2954	3907			Gas
Cliff House Ss	3907	3999			Water/Possible gas
Menefee Fm	3999	4547			Coal/Ss/Water/Possible O&G
Point Lookout Ss	4547			4889	Probable water/Possible O&G
Mancos Shale			4889	5515	
Gallup			5515	PBTD	O&G/Water
Greenhorn					
Graneros Shale					
Dakota Ss					

Remarks:
P & A

- BLM estimates for the Chacra and Nacimiento formation tops vary from Operator. Reference Well #1 and historical well data were used to estimate tops above the Mancos.
- Note: Plug #6 and Plug #7 are proposed as separate plugs but have overlapping depths.
- Bring the top of Plug #5 (Chacra) up to 2904’, or add a plug, to cover BLM formation top estimate at 2954’.
- Adjust Plug #8 (Nacimiento), or add a plug, to cover BLM formation top estimate at 800’.
- The plugs proposed in the P&A procedure, with changes recommended above, will adequately protect any freshwater sands in this well bore.
- Gallup/Lower Mancos perfs 5665’ – 5793’ and 6187’ – 6379’.

Reference Well:
1) Formation Tops (Point Lookout – Surface)
DJR Operating, LLC
Martin Whittaker #21
1650’ FSL, 990’ FEL
Sec. 07, T23N, R04W
6902’ KB

2) Formation Tops (Gallup – Mancos)
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 99092

CONDITIONS

Operator: DJR OPERATING, LLC 1 Road 3263 Aztec, NM 87410	OGRID: 371838
	Action Number: 99092
	Action Type: [C-103] NOI Plug & Abandon (C-103F)

CONDITIONS

Created By	Condition	Condition Date
kpickford	Notify NMOCD 24 hours before beginning operations	4/19/2022
kpickford	Adhere to BLM approved plugs and COAs. See GEO report.	4/19/2022