

Well Name: MARTIN-FLORANCE	Well Location: T23N / R4W / SEC 5 / NENW /	County or Parish/State: RIO ARRIBA / NM
Well Number: 8	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name: JICARILLA APACHE
Lease Number: JIC362	Unit or CA Name:	Unit or CA Number:
US Well Number: 3003923096	Well Status: Inactive	Operator: DJR OPERATING LLC

Notice of Intent

Sundry ID: 2629155

Type of Submission: Notice of Intent	Type of Action: Plug and Abandonment
Date Sundry Submitted: 08/16/2021	Time Sundry Submitted: 01:25
Date proposed operation will begin: 08/16/2021	

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

- Reclamation_Plan_Martin_Florance_8_20210816132506.pdf
- PxA_Procedure_Martin_Florance_8_20210816132505.pdf
- Martin_Florance_8_Proposed_WBD_20210816132505.pdf
- Martin_Florance_8_Original_WBD_20210816132505.pdf
- Martin_Florance_8_Current_WBD_20210816132505.pdf

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Conditions of Approval

Additional Reviews

General_Requirement_PxA_20211027115358.pdf
2629155_NOIA_8_3003923096_KR_10272021_20211027115327.pdf
23N04W05CKd_Martin_Florance_8_20211026145941.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: AUG 16, 2021 01:25 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: KENNETH G RENNICK	BLM POC Title: Petroleum Engineer
BLM POC Phone: 5055647742	BLM POC Email Address: krennick@blm.gov
Disposition: Approved	Disposition Date: 10/27/2021
Signature: Kenneth Rennick	

Plug and Abandonment Procedure
for
DJR Operating, LLC
Martin Florance 8
API # 30-039-23096
NE/NW, Unit C, Sec. 5, T23N, R4W
Rio Arriba County, NM

I.

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. 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.

II.

7. RU air package, power swivel, and flowback tank.
8. PU and TIH with blade mill and string float on workstring. Mill up cast iron bridge plug at 2800' and chase to at least 7002'. Set additional string floats as required. TOOH.
9. Plug 1. Dakota top and lower Mancos perfs: RU cement equipment. Mix and spot a balanced cement plug from 7002-6804'. Pump water to ensure tubing is clear. WOC. Tag top of plug.
10. Plug 2. Mancos perfs: Mix and spot a balanced cement plug from 6695-5597'. Pump water to ensure tubing is clear. TOOH.
11. PU and TIH with bit and 5 1/2" casing scraper. Make sure scraper will go past 5850'. TOOH.

12. Plug 3. Gallup perfs and top: PU and TIH with 5-1/2" CR and set at 5850'. Pressure test tubing to 1000 psi, sting out of CR, test casing to 600 psi. If casing does not test, contact engineering. Sting back into CR and attempt to squeeze 20 sx cement through CR and into Gallup perforations. If zone pressures up, sting out of CR and spot 50' on top of CR. Pump water to ensure tubing is clear. WOC. Tag TOC and TOOH.
13. MIRU logging truck. Roll hole. Run CBL log from TOC to surface. Hold 600 psi on casing if possible. Electronic copy of CBL to be sent to; Brandon Powell, NMOCD brandon.powell@state.nm.us, Monica Kuehling, NMOCD mkuehling@state.nm.us Joe Killins, BLM jkillins@blm.gov, John Hoffman, BLM jhoffman@blm.gov , Scott Lindsay, DJR slindsay@djrlc.com, and Loren Diede, DJR ldiede@djrlc.com.
14. Plug 4: Mancos: Perf holes at 5080'. PU and TIH with 5-1/2" CR and set at 5030'. Mix and pump cement through CR from 5080-4980', inside and outside. Spot 50' on top of CR. Pump water to ensure tubing is clear.
15. Plug 5. Mesa Verde: Mix and pump a 100' balanced cement plug from 4230-4130'. Pump water to ensure tubing is clear.
16. Plug 6: Chacra: Mix and pump a 100' balanced cement plug from 3560-3460'. Pump water to ensure tubing is clear.
17. Plug 7. Pictured Cliffs perfs and top, Fruitland, Kirtland, and Ojo Alamo: PU and TIH with 5-1/2" CR and set at 2630'. Attempt to squeeze below CR with 10 sx. Spot cement on top of CR to bring TOC to 2145'. Pump water to ensure tubing is clear.
18. Plug 8: Nacimiento: Perf holes at 1730'. PU and TIH with 5-1/2" CR and set at 1680'. Mix and pump cement through CR from 1730-1630', inside and outside. Spot 50' on top of retainer. Pump water to ensure tubing is clear.
19. Plug 9: Surface: Perf holes at 360'. Tie onto 5-1/2" casing and mix and pump sufficient cement to bring TOC to surface, inside and outside.
20. 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.
21. RD and MO all rig and cement equipment. Assure that location is free of trash and contamination before moving off.

22. 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

Martin Florance 8

API # 30-039-23096

NE/NW, Unit C, Sec 5, T23N, R4W

Rio Arriba County, NM

GL 6993'

KB 7006'

Spud Date 12/31/1982

Plugged back to PC 11/5/2002

SURF CSG

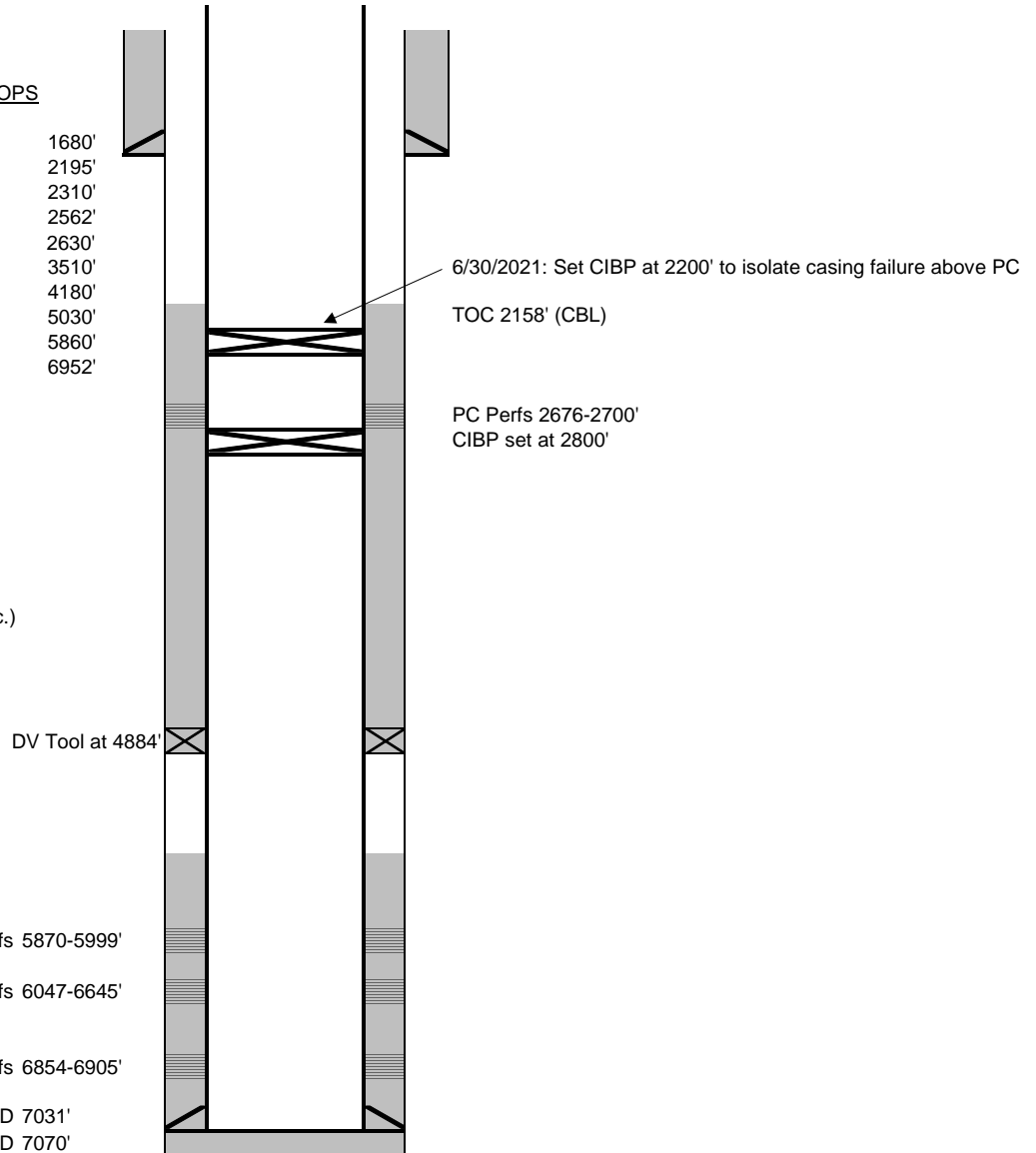
Hole size 12.25"
 Csg Size: 8.625"
 Wt: 24#
 Grade: J-55
 ID: 8.097"
 Depth 310'
 Csg cap ft³: 0.3575
 TOC: Surf

FORMATION TOPS

Nacimiento	1680'
Ojo Alamo	2195'
Kirtland	2310'
Fruitland	2562'
Pictured Cliffs	2630'
Chacra	3510'
Mesa Verde	4180'
Mancos	5030'
Gallup	5860'
Dakota	6952'

PROD CSG

Hole size 7.875
 Csg Size: 5.5"
 Wt: 15.5#
 Grade: K-55
 ID: 4.95"
 Depth 7070'
 Csg cap ft³: 0.1336
 Csg/Csg Ann ft³: 0.1926
 Csg/OH cap ft³: 0.1733
 STG 1 TOC (CBL) above 5800' (CBL) (5251' Calc.)
 STG 2 TOC (CBL) 2158'



Proposed P&A Wellbore Diagram

DJR Operating, LLC

Martin Florance 8

API # 30-039-23096

NE/NW, Unit C, Sec 5, T23N, R4W

Rio Arriba County, NM

GL 6993'

KB 7006'

Spud Date 12/31/1982

SURF CSG

Hole size 12.25"
 Csg Size: 8.625"
 Wt: 24#
 Grade: J-55
 ID: 8.097"
 Depth 310'
 Csg cap ft³: 0.3575
 TOC: Surf

FORMATION TOPS

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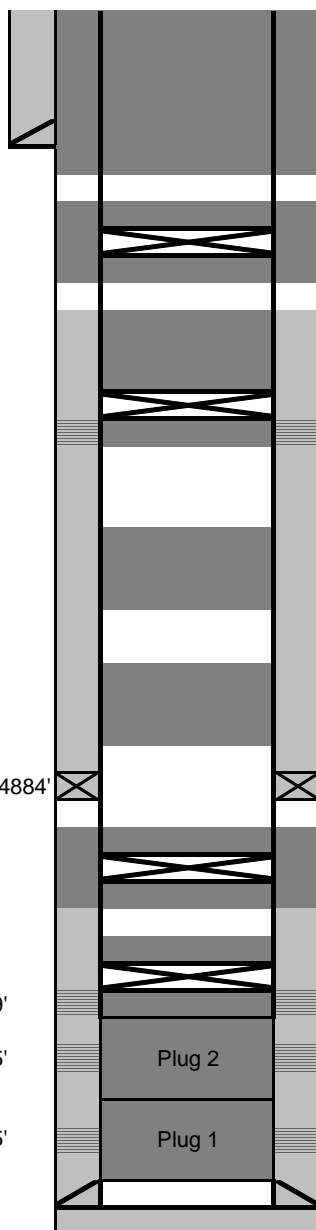
DV Tool at 4884'

Gallup Perfs 5870-5999'

Mancos Perfs 6047-6645'

Mancos Perfs 6854-6905'

PBTD 7031'
 TD 7070'



Plug 9: Surface casing shoe: Perf holes at 360'. Tie onto 5-1/2" casing and mix and pump sufficient cement to bring TOC to surface, inside and outside.

Plug 8: Nacimiento: Perf holes at 1730'. Set CR at 1680'. Sqz below CR to bring top of cement to 1630', inside and outside.

Plug 7: Pictured Cliffs, Fruitland, Kirtland, Ojo Alamo: Set CR at 2630'. Sqz below CR with 10 sx. Spot cement on top of CR to bring TOC to 2145'.

Plug 6: Chacra: Spot balanced plug from 3560-3460'.

Plug 5: Mesa Verde: Spot balanced plug from 4230-4130'.

Plug 4: Mancos: Perf holes at 5080'. Set CR at 5030'. Sqz below CR to bring TOC to 4980' inside and outside.

Plug 3: Gallup top and perfs: Set CR at 5850'. Attempt to sqz below retainer with 30 sx. Sting out and spot 50' on top of CR.

Plug 2: Mancos perfs: Spot balanced plug from 6695' to 5997'.

Plug 1: Dakota top and lower Mancos perfs. Spot balanced plug from 7002' to 6804'.

All plugs to be Class G cement mixed at 15.8 ppg and 1.15 ft³/sk

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

Attachment to notice of
Intention to Abandon

Re: Permanent Abandonment
Well: Martin-Florance 8

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 (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 10/27/2021

**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 P&A Geologic Report

Date Completed: 10/26/2021

Well No. Martin Florance #8 (API# 30-039-23096)	Location	660	FNL	&	1980	FWL
Lease No. Jicarilla Contract 362	Sec. 05	T23N			R04W	
Operator DJR Operating, LLC	County	Rio Arriba		State	New Mexico	
Total Depth 7070'	PBTD 7031'	Formation Dakota				
Elevation (GL) 6993'		Elevation (KB) 7007'				

Geologic Formations	Est. Top	Est. Bottom	Log Top	Log Bottom	Remarks
San Jose Fm			Surface	1680	
Nacimiento Fm			1680	2195	Fresh water sands
Ojo Alamo Ss			2195	2310	Aquifer (fresh water)
Kirtland Shale			2310	2435?	
Fruitland Fm			2435?	2668	Coal/Gas/Possible water
Pictured Cliffs Ss			2668	2770	Gas
Lewis Shale			2770	3510	
Chacra (La Ventana)			3510	4180	
Cliff House Ss			4180	4262	Water/Possible gas
Menefee Fm			4262	4820	Coal/Ss/Water/Possible O&G
Point Lookout Ss			4820	5030	Probable water/Possible O&G
Mancos Shale			5030	5860	
Gallup			5860	6850	O&G/Water
Greenhorn			6850	6930	
Graneros Shale			6930	6952	
Dakota Ss			6952	PBTD	O&G/Water

Remarks:

P & A

- BLM picks for the Fruitland, Pictured Cliffs, Lewis, and Graneros formation tops vary from operator picks. No changes to P&A procedure required.
- P&A procedure includes running a CBL prior to pumping any plugs.
- The plugs proposed in the P&A procedure will adequately protect any freshwater sands in this well bore.
- Gallup perms @ 5870' – 5999'. Lower Mancos perms @ 6047' – 6645' and 6854' – 6905'.

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

COMMENTS

Action 58162

COMMENTS

Operator: DJR OPERATING, LLC 1 Road 3263 Aztec, NM 87410	OGRID: 371838
	Action Number: 58162
	Action Type: [C-103] NOI Plug & Abandon (C-103F)

COMMENTS

Created By	Comment	Comment Date
kpickford	KP GEO Review 11/8/2021	11/8/2021

District I

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

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

CONDITIONS

Action 58162

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Operator: DJR OPERATING, LLC 1 Road 3263 Aztec, NM 87410	OGRID: 371838
	Action Number: 58162
	Action Type: [C-103] NOI Plug & Abandon (C-103F)

CONDITIONS

Created By	Condition	Condition Date
kpickford	Notify NMOCD 24 Hours Prior to beginning operations	11/8/2021
kpickford	CBL required	11/8/2021
kpickford	Adhere to BLM approved plugs	11/8/2021