

Well Name: JULIET FEDERAL COM	Well Location: T24S / R34E / SEC 27 / SENW / 32.189768 / -103.459545	County or Parish/State: LEA / NM
Well Number: 513H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM77090	Unit or CA Name:	Unit or CA Number:
US Well Number: 3002549015	Well Status: Drilling Well	Operator: CENTENNIAL RESOURCE PRODUCTION LLC

Notice of Intent

Sundry ID: 2630138

Type of Submission: Notice of Intent

Type of Action: Other

Date Sundry Submitted: 08/23/2021

Time Sundry Submitted: 03:44

Date proposed operation will begin: 09/04/2021

Procedure Description: Centennial Resource Prod, LLC requests to batch set the Juliet Federal Com 513H & 514H wells with offline cementing for the surface and intermediate casings. Please see attached procedures for both the batch setting and offline cement details. The proposed wellbore diagram is also attached.

Surface Disturbance

Is any additional surface disturbance proposed?: No

NOI Attachments

Procedure Description

Juliet_Fed_Com_513H_Offline_Cementing_Procedure_20210823154344.pdf

Juliet_Fed_Com_513H_WBD__Proposed__20210823154338.pdf

513H_Batch_Setting_20210823154333.pdf

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Operator: CENTENNIAL
RESOURCE PRODUCTION LLC

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: SARAH FERREYROS

Signed on: AUG 23, 2021 03:43 PM

Name: CENTENNIAL RESOURCE PRODUCTION LLC

Title: Regulatory Manager

Street Address: 1001 17th Street, Suite 1800

City: Denver

State: CO

Phone: (720) 499-1454

Email address: Sarah.Ferreyros@cdevinc.com

Field

Representative Name:

Street Address:

City:

State:

Zip:

Phone:

Email address:

BLM Point of Contact

BLM POC Name: CHRISTOPHER WALLS

BLM POC Title: Petroleum Engineer

BLM POC Phone: 5752342234

BLM POC Email Address: cwalls@blm.gov

Disposition: Approved

Disposition Date: 12/22/2022

Signature: Chris Walls

Juliet Fed Com 513H

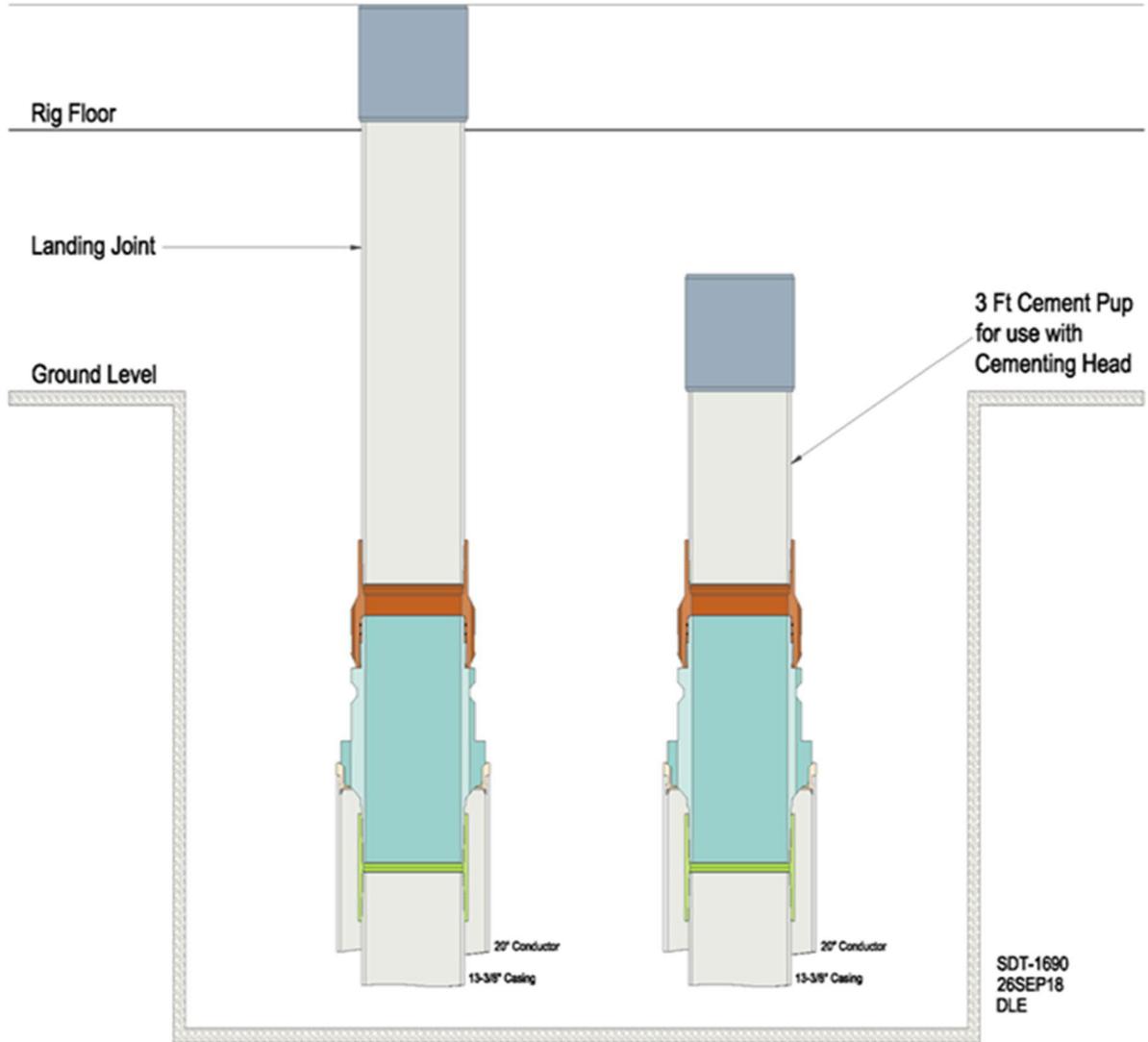
Centennial Offline Cementing Procedure

13-3/8" & 9-5/8" Casing

1. Drill hole to Total Depth with Rig and perform wellbore cleanup cycles.
2. Run and casing to Depth.
3. Land casing with mandrel
4. Circulate 1.5 csg capacity.
5. Flow test – Confirm well is static.
6. Set Annular packoff and pressure test. Test to 5k.
7. Nipple down BOP and install cap flange.
8. Skid rig to next well on pad
9. Remove cap flange (confirm well is static before removal)
 - a. If well is not static use the casing outlet valves to kill well
 - b. Drillers method will be used in well control event
 - c. High pressure return line will be rigged up to lower casing valve and run to choke manifold to control annular pressure
 - d. Kill mud will be circulated once influx is circulated out of hole
 - e. Confirm well is static and remove cap flange to start offline cement operations
10. Install offline cement tool.
11. Rig up cementers.
12. Circulate bottoms up with cement truck
13. Commence planned cement job, take returns through the annulus wellhead valve
14. After plug is bumped confirm floats hold and well is static
15. Rig down cementers and equipment
16. Install night cap with pressure gauge to monitor.
17. Will only offline surface and intermediate casing.

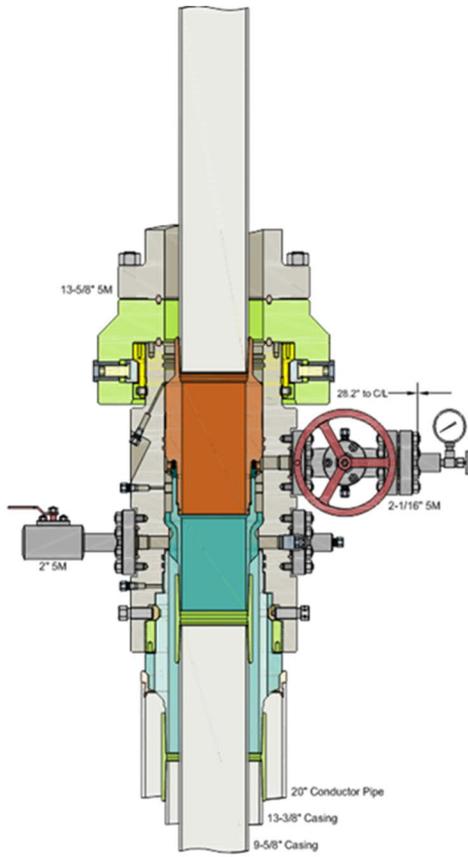
13 3/8" Surface job

CFL Off-Line Cementing Tool

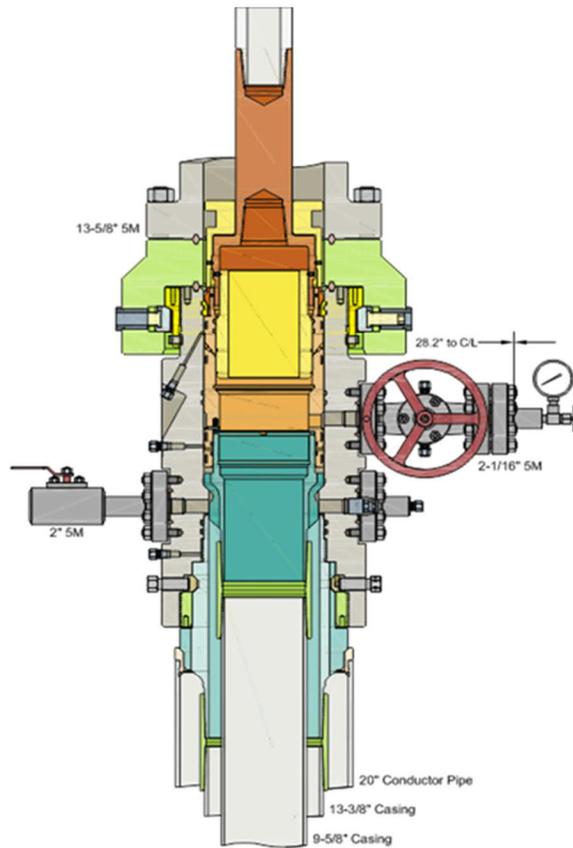




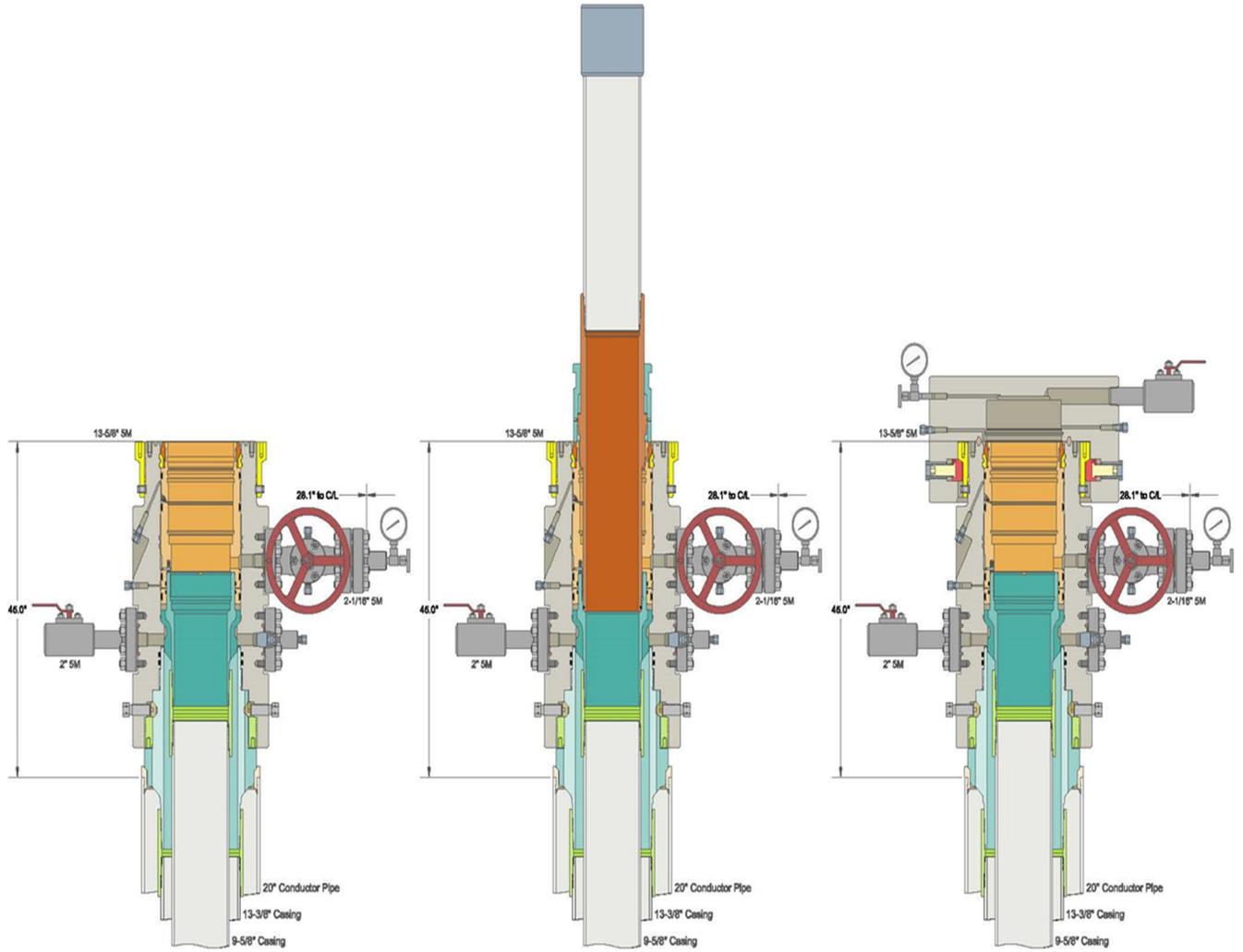
9 5/8" Intermediate Job



Run 9-5/8" Casing
Land Casing on 9-5/8" Mandrel Hanger
Cement 9-5/8" Casing
Retrieve Running Tool



Run 13-5/8" Packoff
Test Upper and Lower Seals
Engage Lockring
Retrieve Running Tool



Centennial Resource Development New Mexico Multi-Well Pad Drilling Batch Setting Procedures

13-3/8" Surface Casing - CRD intends to Batch set all 13-3/8" casing to a depth approved in the APD. 17-1/2" Surface Holes will be batch drilled by a big rig. Appropriate notifications will be made prior to spudding the well, running and cementing casing and prior to skidding to the rig to the next well on pad.

1. Drill 17-1/2" Surface hole to Approved Depth with Surface Preset Rig and perform wellbore cleanup cycles. Trip out and rack back drilling BHA.
2. Run and land 13-3/8" 54.5# J55 BTC casing see [Illustration 1-1 Below](#) to depth approved in APD.
3. Set packoff and test to 5k psi
4. Cement
5. Install nightcap with Pressure Gauge on wellhead. Nightcap is shown on final wellhead Stack up [Illustration #2-2 page 3](#).
6. Skid Rig to adjacent well to drill Surface hole.
7. Surface casing test will be performed by the rig in order to allow ample time for Cement to develop 500psi compressive strength. Casing test to 0.22 psi/ft or 1500 psi whichever is greater - not to exceed 70% casing burst.

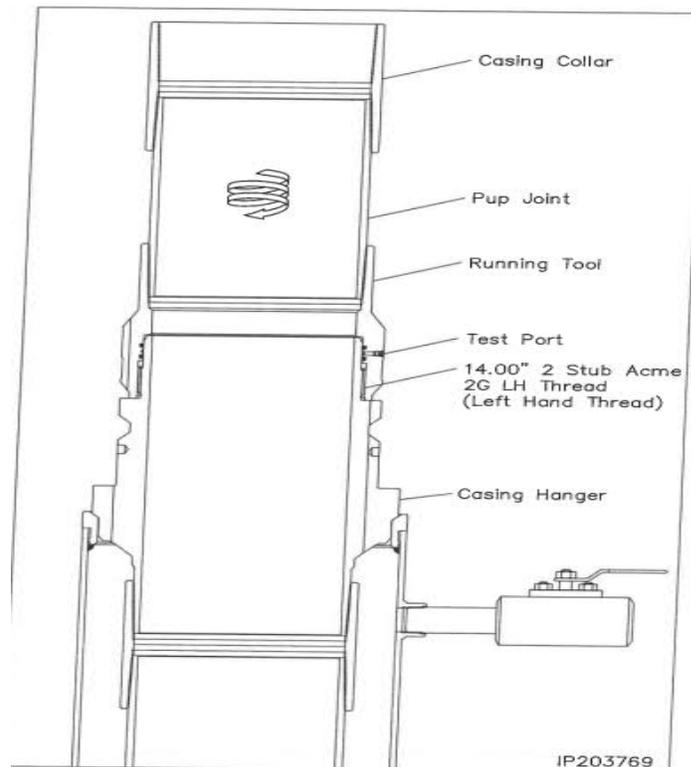


Illustration 1-1

Intermediate Casing – CRD intends to Batch set all intermediate casing strings to a depth approved in the APD, typically set into Lamar. For the last intermediate section drilled on pad, the associated production interval will immediately follow. Appropriate notifications will be made prior Testing BOPE, and prior to running/cementing all casing strings.

1. Rig will remove the nightcap and install and test BOPE.
2. Test Surface casing per COA WOC timing (.22 psi/ft or 1500 psi whichever is greater) - not to exceed 70% casing burst. Cement must have achieved 500psi compressive strength prior to test.
3. Install wear bushing then drill out 13-3/8" shoe-track plus 20' and conduct FIT to minimum of the MW equivalent anticipated to control the formation pressure to the next casing point.
4. Drill Intermediate hole to approved casing point. Trip out of hole with BHA to run Casing.
5. Remove wear bushing then run and land Intermediate Casing with mandrel hanger in wellhead.
6. Cement casing to surface with floats holding.
7. Washout stack then run wash tool in wellhead and wash hanger and pack-off setting area.
8. Install pack-off and test void to 5,000 psi for 15 minutes. Nightcap shown on final wellhead stack up [illustration 2-2 on page 3](#).
9. Test casing per COA WOC timing (.22 psi/ft or 1500 psi whichever is greater) - not to exceed 70% casing burst. Cement must have achieved 500psi compressive strength prior to test.
10. Install nightcap – skid rig to adjacent well to drill Intermediate hole.

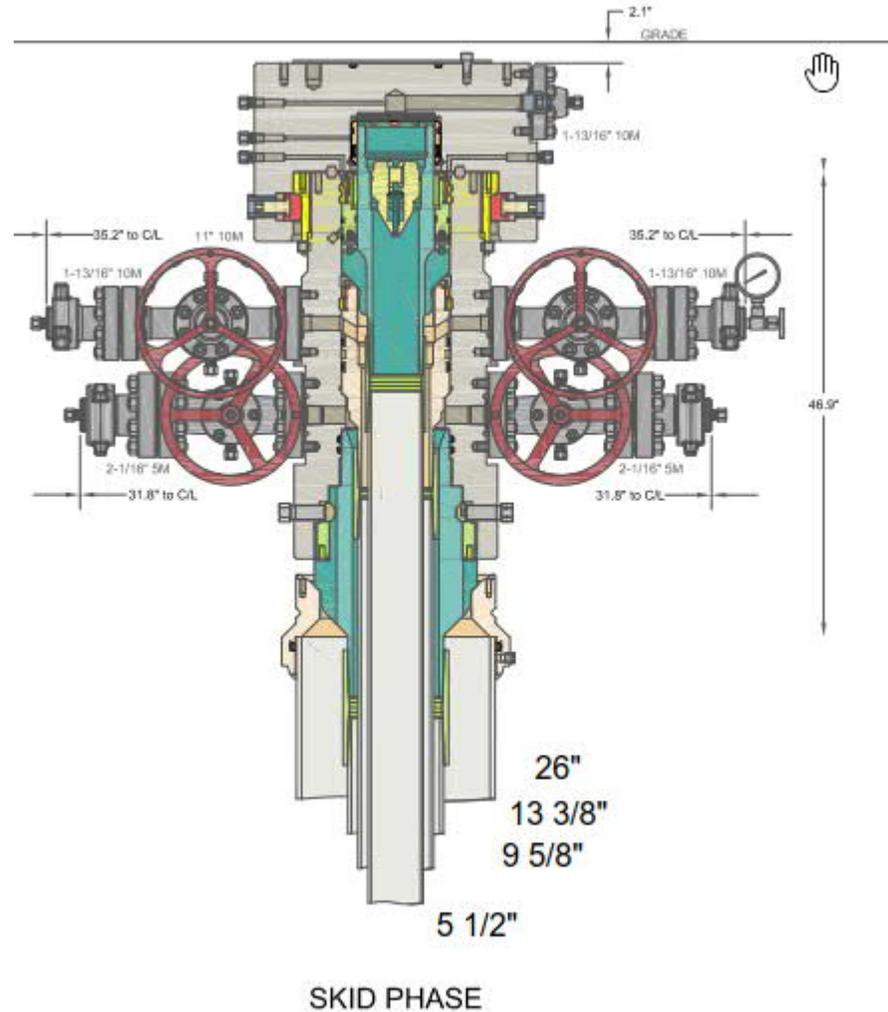


Illustration 2-2

Production Casing – CRD intends to Batch set all Production casings, except for the last intermediate hole. In this case the production interval will immediately follow the intermediate section on that well. Appropriate notifications will be made prior Testing BOPE, and prior to running/cementing all casing strings.

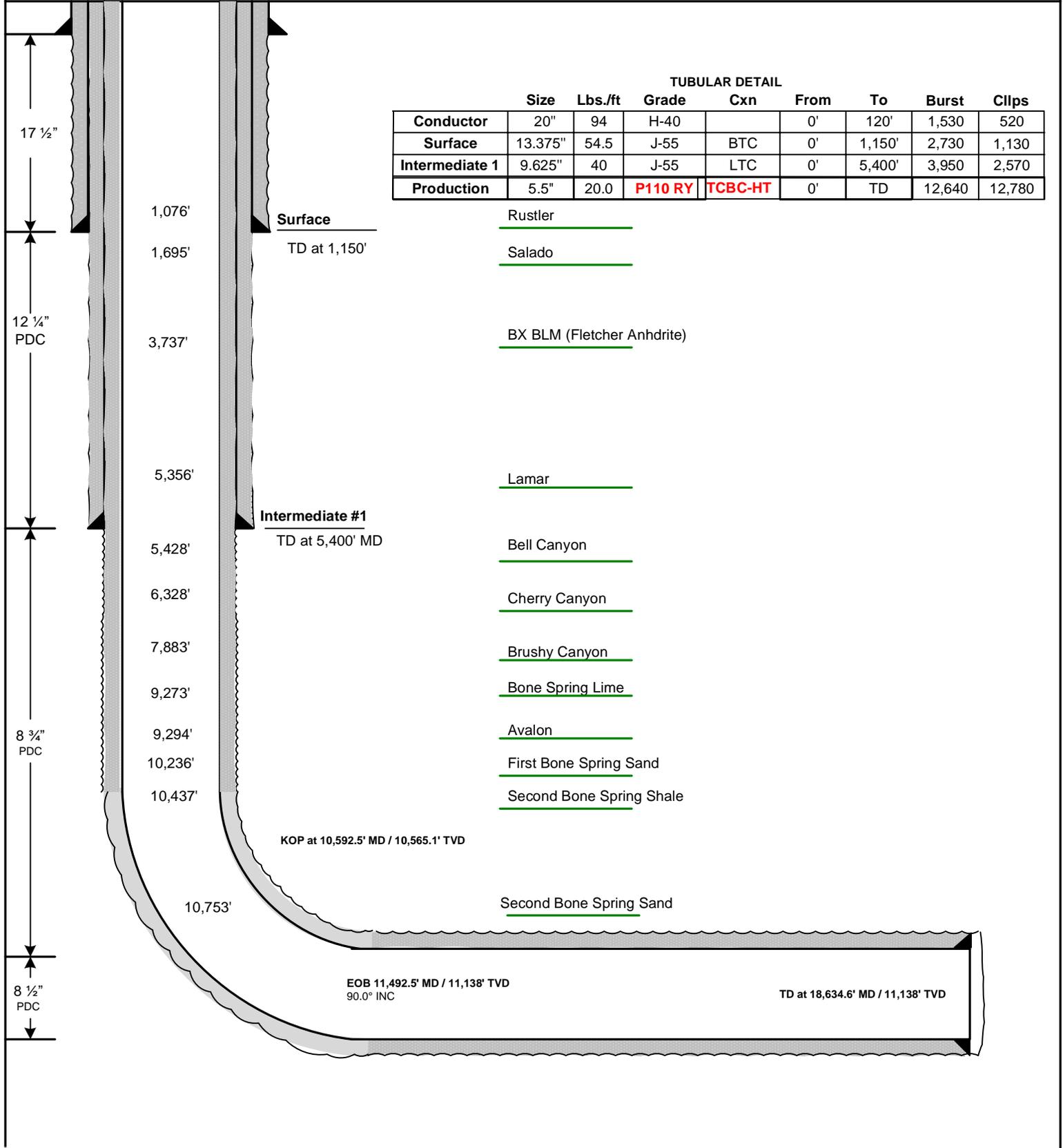
1. Big Rig will remove the nightcap and install and test BOPE.
2. Install wear bushing then drill Intermediate shoe-track plus 20' and conduct FIT to minimum MW equivalent to control the formation pressure to TD of well.
3. Drill Vertical hole to KOP – Trip out for Curve BHA.
4. Drill Curve, landing in production interval – Trip for Lateral BHA.
5. Drill Lateral / Production hole to Permitted BHL, perform cleanup cycles and trip out to run 5-1/2" Production Casing.
6. Remove wear bushing then run 5-1/2" production casing to TD landing casing mandrel in wellhead.
7. Cement 5-1/2" Production string to surface with floats holding.

8. Run in with wash tool and wash wellhead area – install pack-off and test void to 5,000psi for 15 minutes.
9. Install BPV in 5-1/2" mandrel hanger – Nipple down BOPE and install nightcap.
10. Test nightcap void to 5,000psi for 30 minutes per [illustration 2-2 page 3](#).
11. Skid rig to adjacent well on pad to drill production hole.

CENTENNIAL

WBD

Well : Juliet Federal Com 513H
 Area : Solomon FM tgt: 2nd BSS (lower)
 County : Lea State : NM
 Location : Lot F Section 27, T24S, R34E; 2,189' FNL & 2,111' FWL
 BHL : Lot C, Section 22, T24S, R34E; 100' FNL & 1,570' FWL
 KB Elev : 3,488.8' MSL KB : 26.5' AGL GL Elev : 3,462.3' MSL



TUBULAR DETAIL								
	Size	Lbs./ft	Grade	Cxn	From	To	Burst	Clips
Conductor	20"	94	H-40		0'	120'	1,530	520
Surface	13.375"	54.5	J-55	BTC	0'	1,150'	2,730	1,130
Intermediate 1	9.625"	40	J-55	LTC	0'	5,400'	3,950	2,570
Production	5.5"	20.0	P110 RY	TCBC-HT	0'	TD	12,640	12,780

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 169734

CONDITIONS

Operator: Permian Resources Operating, LLC 1001 17th Street, Suite 1800 Denver, CO 80202	OGRID: 372165
	Action Number: 169734
	Action Type: [C-103] NOI General Sundry (C-103X)

CONDITIONS

Created By	Condition	Condition Date
dmcclosure	ACCEPTED FOR RECORD	11/17/2023