Submit 1 Copy To Appropriate District Office
District I – (575) 393-6161
1625 N. French Dr., Hobbs, NM 88240
District II – (575) 748-1283
811 S. First St., Artesia, NM 88210
District III – (505) 334-6178
1000 Rio Brazos Rd., Aztec, NM 87410
District IV – (505) 476-3460
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-103
Revised July 18, 2013

WELL API NO.
30-025-03137

5. Indicate Type of Lease
STATE ☒ FEE ☐

6. State Oil & Gas Lease No.

SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well: Oil Well ☒ Gas Well ☐ Other

7. Lease Name or Unit Agreement Name
Reeves

8. Well Number 26 4 SWD

2. Name of Operator
Franklin Mountain Energy 3, LLC

9. OGRID Number 331595

3. Address of Operator
44 Cook Street, Suite 1000, Denver, CO 80206

10. Pool name or Wildcat
[96101] SWD; DEVONIAN

4. Well Location
Unit Letter K : 1654 feet from the S line and 1654 feet from the W line
Section 26 Township 18S Range 35E NMPM County Lea

11. Elevation *(Show whether DR, RKB, RT, GR, etc.)*
3861

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
PERFORM REMEDIAL WORK	☐	PLUG AND ABANDON	☐	REMEDIAL WORK	☐	ALTERING CASING	☐
TEMPORARILY ABANDON	☐	CHANGE PLANS	☐	COMMENCE DRILLING OPNS.	☐	P AND A	☒
PULL OR ALTER CASING	☐	MULTIPLE COMPL	☐	CASING/CEMENT JOB	☐		
DOWNHOLE COMMINGLE	☐						
CLOSED-LOOP SYSTEM	☐						
OTHER:	☐			OTHER:			☐

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

Franklin Mountain Energy3, LLC (FME3), Operator, requests approval to plug and abandon the above captioned well per the attached procedure.

4" diameter 4' tall Above Ground Marker

SEE ATTACHED CONDITIONS OF APPROVAL

Spud Date: 2/10/1960

Rig Release Date:

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Rachael Overbey TITLE Dir. Ops Planning & Regulatory DATE 6/15/2023

Type or print name Rachael Overbey E-mail address: roverbey@fmellc.com PHONE: 303-570-4057

For State Use Only

APPROVED BY: Kerry Fortner TITLE Compliance Officer A DATE 6/23/23

Conditions of Approval (if any):

CONDITIONS FOR PLUGGING AND ABANDONMENT

OCD - Southern District

The following is a guide or checklist in preparation of a plugging program, this is not all inclusive and care must be exercised in establishing special plugging programs in unique and unusual cases, **Notify NMOCD District Office II at (575)-263-6633 at least 24 hours before beginning work. After MIRU rig will remain on well until it is plugged to surface. OCD is to be notified before rig down. Company representative will be on location during plugging procedures.**

1. A notice of intent to plug and abandon a wellbore is required to be approved before plugging operations are conducted. A cement evaluation tool is required in order to ensure isolation of producing formations, protection of water and correlative rights. A cement bond log or other accepted cement evaluation tool is to be provided to the division for evaluation if one has not been previously run or if the well did not have cement circulated to surface during the original casing cementing job or subsequent cementing jobs. Insure all bradenheads have been exposed, identified and valves are operational prior to rig up.
2. Closed loop system is to be used for entire plugging operation. Upon completion, contents of steel pits are to be hauled to a permitted disposal location.
3. Trucking companies being used to haul oilfield waste fluids to a disposal – commercial or private – shall have an approved NMOCD C-133 permit. A copy of this permit shall be available in each truck used to haul waste products. It is the responsibility of the operator as well as the contractor, to verify that this permit is in place prior to performing work. Drivers shall be able to produce a copy upon request of an NMOCD Field inspector.
4. Filing a subsequent C-103 will serve as notification that the well has been plugged.
5. A final C-103 shall be filed (and a site inspection by NMOCD Inspector to determine if the location is satisfactorily cleaned, all equipment, electric poles and trash has been removed to Meet NMOCD standards) before bonding can be released.
6. If work has not begun within 1 Year of the approval of this procedure, an extension request must be file stating the reason the well has not been plugged.
7. **Squeeze pressures are not to exceed 500 psi, unless approval is given by NMOCD.**
8. Produced water **will not** be used during any part of the plugging operation.
9. Mud laden fluids must be placed between all cement plugs mixed at 25 sacks per 100 bbls of water.
10. All cement plugs will be a minimum of 100' in length or a minimum of 25 sacks of cement, whichever is greater. 50' of calculated cement excess required for inside casing plugs and 100% calculated cement excess required on outside casing plugs.
11. **Class 'C' cement will be used above 7500 feet.**
12. **Class 'H' cement will be used below 7500 feet.**
13. **A cement plug is required to be set 50' above and 50' below, casing stubs, DV tools, attempted casing cut offs, cement tops outside casing, salt sections and anywhere the casing is perforated, these plugs require a 4 hour WOC and then will be tagged**
14. **All Casing Shoes Will Be Perforated 50' below shoe depth and Attempted to be Squeezed, cement needs to be 50' above and 50' Below Casing Shoe inside the Production Casing.**

16. When setting the top out cement plug in production, intermediate and surface casing, wellbores should remain full at least 30 minutes after plugs are set
17. **A CIBP is to be set within 100' of production perforations, capped with 100' of cement, WOC 4 hours and tag.**
18. A CIBP with 35' of cement may be used in lieu of the 100' plug if set with a bailer. This plug will be placed within 100' of the top perforation, **(WOC 4 hrs and tag).**
19. No more than **3000' is allowed between cement plugs in cased hole and 2000' in open hole.**
20. Some of the Formations to be isolated with cement plugs are: These plugs to be set to isolate formation tops
    A) Fusselman
    B) Devonian
    C) Morrow
    D) Wolfcamp
    E) Bone Springs
    F) Delaware
    G) Any salt sections
    H) Abo
    I) Glorieta
    J) Yates.
    K) Cherry Canyon - Eddy County
    L) **Potash---**(In the R-111-P Area (Page 3 & 4), a solid cement plug must be set across the salt section. Fluid used to mix the cement shall be saturated with the salts that are common to the section penetrated and in suitable proportions, not more than 3% calcium chloride (by weight of cement) will be considered the desired mixture whenever possible, **WOC 4 hours and tag, this plug will be 50' below the bottom and 50' above the top of the Formation.**
21. **If cement does not exist behind casing strings at recommended formation depths,** the casing can be cut and pulled with plugs set at recommended depths. If casing is not pulled, perforations will be shot and cement squeezed behind casing, WOC and tagged. These plugs will be set 50' below formation bottom to 50' above formation top inside the casing

DRY HOLE MARKER REQUIRMENTS

The operator shall mark the exact location of the plugged and abandoned well with a steel marker not less than four inches in diameter, 3' below ground level with a plate of at least ¼" welded to the top of the casing and the dry hole marker welded on the plate with the following information welded on the dry hole marker:

1. Operator name 2. Lease and Well Number 3.API Number 4. Unit Letter 5. Quarter Section (feet from the North, South, East or West) 6. Section, Township and Range 7. Plugging Date 8. County (SPECIAL CASES)-------AGRICULTURE OR PRARIE CHICKEN BREEDING AREAS

In these areas, a below ground marker is required with all pertinent information mentioned above on a plate, set 3' below ground level, a picture of the plate will be supplied to NMOCD for record, the exact location of the marker (longitude and latitude by GPS) will be provided to NMOCD (We typically require a current survey to verify the GPS)

SITE REMEDIATION DUE WITHIN ONE YEAR OF WELL PLUGGING COMPLETION

R-111-P Area

T 18S – R 30E

Sec 10 Unit P. Sec 11 Unit M,N. Sec 13 Unit L,M,N. Sec 14 Unit C -P. Sec 15 Unit A G,H,I,J,K,N,O,P. Sec 22 Unit All except for M. Sec 23, Sec 24 Unit C,D,E,L, Sec 26 Unit A-G, Sec 27 Unit A,B,C

T 19S – R 29E

Sec 11 Unit P. Sec 12 Unit H-P. Sec 13. Sec 14 Unit A,B,F-P. Sec 15 Unit P. Sec 22 Unit A,B,C,F,G,H,I,J K,N,O,P. Sec 23. Sec 24. Sec 25 Unit D. Sec 26 Unit A- F. Sec 27 Unit A,B,C,F,G,H.

T 19S – R 30E

Sec 2 Unit K,L,M,N. Sec 3 Unit I,L,M,N,O,P. Sec 4 Unit C,D,E,F,G,I-P. Sec 5 Unit A,B,C,E-P. Sec 6 Unit I,O,P. Sec 7 – Sec 10. Sec 11 Unit D, G—P. Sec 12 Unit A,B,E-P. Sec 13 Unit A-O. Sec 14-Sec 18. Sec 19 Unit A-L, P. Sec 20 – Sec 23. Sec 24 Unit C,D,E,F,L,M,N. Sec 25 Unit D. Sec 26 Unit A-G, I-P. Sec 27, Sec 28, Sec 29 Unit A,B,C,D,F,G,H,I,J,O,P. Sec 32 Unit A,B,G,H,I,J,N,O,P. Sec 33. Sec 34. Sec 35. Sec 36 Unit D,E,F,I-P.

T 19S – R 31E

Sec 7 Unit C,D,E,F,L. Sec 18 Unit C,D,E,F,G,K,L. Sec 31 Unit M. Sec 34 Unit P. Sec 35 Unit M,N,O. Sec 36 Unit O,P.

T 20S – R 29E

Sec 1 Unit H,I,P. Sec 13 Unit E,L,M,N. Sec 14 Unit B-P. Sec 15 Unit A,H,I,J,N,O,P. Sec 22 Unit A,B,C,F,G,H,I,J,O,P. Sec 23. Sec 24 Unit C,D,E,F,G,J-P. Sec 25 Unit A-O. Sec 26. Sec 27 Unit A,B,G,H,I,J,O,P. Sec 34 Unit A,B,G,H. Sec 35 Unit A-H. Sec 36 Unit B-G.

T 20S – R 30E

Sec 1 – Sec 4. Sec 5 Unit A,B,C,E-P. Sec 6 Unit E,G-P. Sec 7 Unit A-H,I,J,O,P. Sec 8 – 17. Sec 18 Unit A,B,G,H,I,J,O,P. Sec 19 Unit A,B,G,H,I,J,O,P. Sec 20 – 29. Sec 30 Unit A-L,N,O,P. Sec 31 Unit A,B,G,H,I,P. Sec 32 – Sec 36.

T 20S – R 31E

Sec 1 Unit A,B,C,E-P. Sec 2. Sec 3 Unit A,B,G,H,I,J,O,P. Sec 6 Unit D,E,F,J-P. Sec 7. Sec 8 Unit E-P. Sec 9 Unit E,F,J-P. Sec 10 Unit A,B,G-P. Sec 11 – Sec 36.

T 21S – R 29E

Sec 1 – Sec 3. Sec 4 Unit L1 – L16,I,J,K,O,P. Sec 5 Unit L1. Sec 10 Unit A,B,H,P. Sec 11 – Sec 14. Sec 15 Unit A,H,I. Sec 23 Unit A,B. Sec 24 Unit A,B,C,D,F,G,H,I,J,O,P. Sec 25 Unit A,O,P. Sec 35 Unit G,H,I,J,K,N,O,P. Sec 36 A,B,C,F – P.

T 21S – R 30E

Sec 1 – Sec 36

T 21S – R 31E

Sec 1 – Sec 36

T 22S – R 28E

Sec 36 Unit A,H,I,P.

T 22S – R 29E

Sec 1. Sec2. Sec 3 Unit I,J,N,O,P. Sec 9 Unit G – P. Sec 10 – Sec 16. Sec 19 Unit H,I,J. Sec 20 – Sec 28. Sec 29 Unit A,B,C,D,G,H,I,J,O,P. Sec 30 Unit A. Section 31 Unit C – P. Sec 32 – Sec 36

T 22S – R 30E

Sec 1 – Sec 36

T 22S – R 31E

Sec 1 – Sec 11. Sec 12 Unit B,C,D,E,F,L. Sec 13 Unit E,F,K,L,M,N. Sec 14 – Sec 23. Sec 24 Unit C,D,E,F,K,L,M,N. Sec 25 Unit A,B,C,D. Sec 26 Unit A,BC,D,G,H. Sec 27 – Sec 34.

T 23S – R 28E

Sec 1 Unit A

T 23S – R 29E

Sec 1 – Sec 5. Sec 6 Unit A – I, N,O,P. Sec 7 Unit A,B,C,G,H,I,P. Sec 8 Unit A – L, N,O,P. Sec 9 – Sec 16. Sec 17 Unit A,B,G,H,I,P. Sec 21 – Sec 23. Sec 24 Unit A – N. Sec 25 Unit D,E,L. Sec 26. Sec 27. Sec 28 Unit A – J, N,O,P. Sec 33 Unit A,B,C. Sec 34 Unit A,B,C,D,F,G,H. Sec 35. Sec 36 Unit B,C,D,E,F,G,K,L.

T 23S – R 30E

Sec 1 – Sec 18. Sec 19 Unit A – I,N,O,P. Sec 20, Sec 21. Sec 22 Unit A – N, P. Sec 23, Sec 24, Sec 25. Sec 26 Unit A,B,F-P. Sec 27 Unit C,D,E,I,N,O,P. Sec 28 Unit A – H, K,L,M,N. Sec 29 Unit A – J, O,P. Sec 30 Unit A,B. Sec 32 A,B. Sec 33 Unit C,D,H,I,O,P. Sec 34, Sec 35, Sec 36.

T 23S – R 31E

Sec 2 Unit D,E,J,O. Sec 3 – Sec 7. Sec 8 Unit A – G, K – N. Sec 9 Unit A,B,C,D. Sec 10 Unit D,P. Sec 11 Unit G,H,I,J,M,N,O,P. Sec 12 Unit E,L,K,M,N. Sec 13 Unit C,D,E,F,G,J,K,L,M,N,O. Sec 14. Sec 15 Unit A,B,E – P. Sec 16 Unit I, K – P. Sec 17 Unit B,C,D,E, I – P. Sec 18 – Sec 23. Sec 24 Unit B – G, K,L,M,N. Sec 25 Unit B – G, J,K,L. Sec 26 – Sec 34. Sec 35 Unit C,D,E.

T 24S – R 29E

Sec 2 Unit A, B, C, D. Sec 3 Unit A

T 24S – R 30E

Sec 1 Unit A – H, J – N. Sec 2, Sec 3. Sec 4 Unit A,B,F – K, M,N,O,P. Sec 9 Unit A – L. Sec 10 Unit A – L, O,P. Sec 11. Sec 12 Unit D,E,L. Sec 14 Unit B – G. Sec 15 Unit A,B,G,H.

T 24S – R 31E

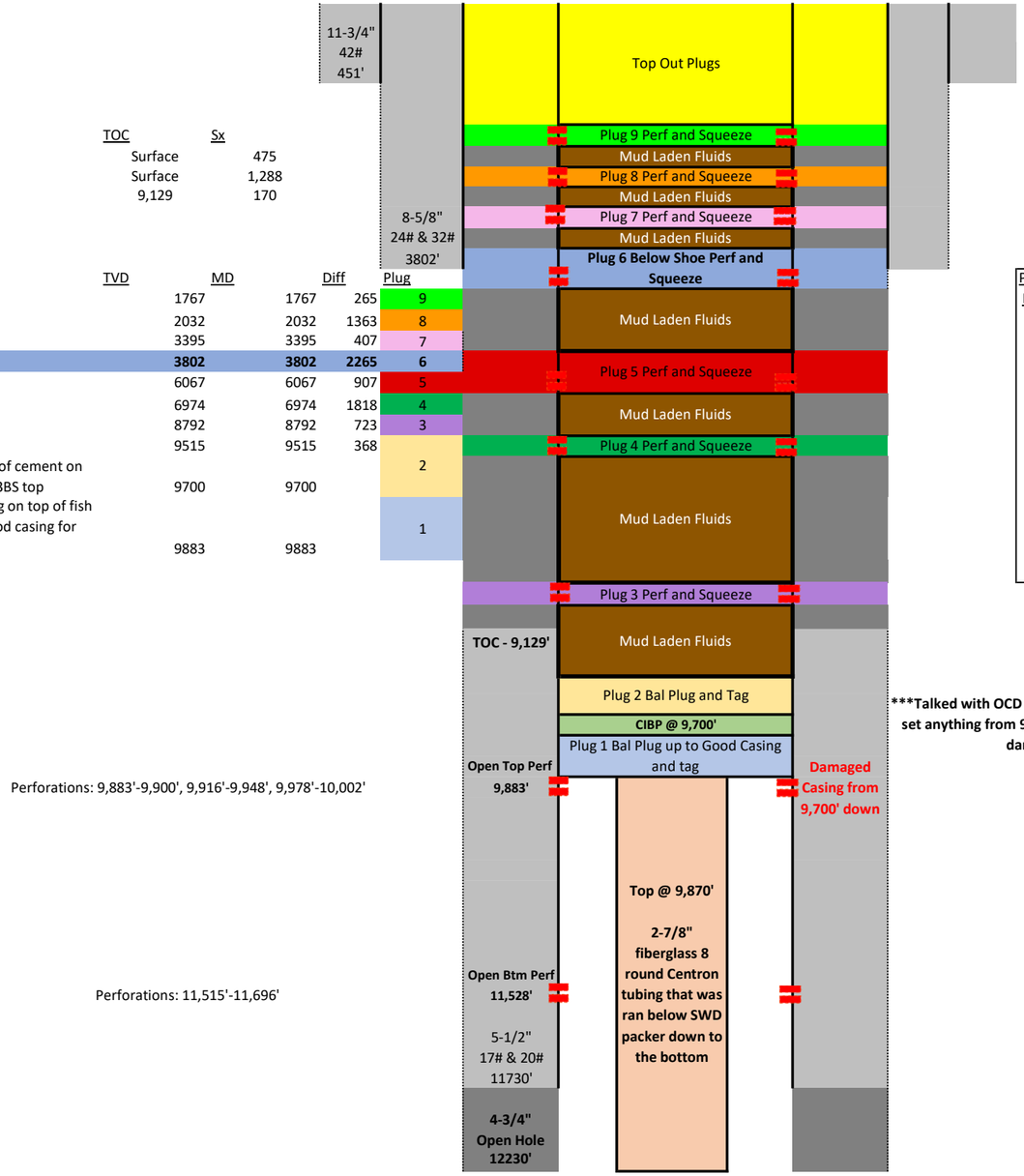
Sec 3 Unit B – G, J – O. Sec 4. Sec 5 Unit A – L, P. Sec 6 Unit A – L. Sec 9 Unit A – J, O,P. Sec 10 Unit B – G, K – N. Sec 35 Unit E – P. Sec 36 Unit E,K,L,M,N.

T 25S – R 31E

Sec 1 Unit C,D,E,F. Sec 2 Unit A – H.

String	TOC	Sx
11-3/4"	Surface	475
8-5/8"	Surface	1,288
5-1/2"	9,129	170

Geo Tops	TVD	MD	Diff	Plug
Rustler	1767	1767	265	9
Salado	2032	2032	1363	8
Yates	3395	3395	407	7
Casing Shoe	**3802**	**3802**	**2265**	6
Delaware	6067	6067	907	5
BS Lime	6974	6974	1818	4
2BS Top	8792	8792	723	3
3BS Top	9515	9515	368	2
CIBP w/ 185' of cement on top to cover 3BS top	9700	9700		1
Balanced plug on top of fish and up to good casing for CIBP set	9883	9883		



Perforations: 9,883'-9,900', 9,916'-9,948', 9,978'-10,002'

Perforations: 11,515'-11,696'

Talked with OCD and let them know that we cannot set anything from 9,700' down to the fish top due to damaged casing

Well Name:	Reeves 26 004 SWD
Pad Name:	Reeves 26
Latitude:	32.7157784
Longitude:	-103.4312897
API 14 Digit	30025031370000
AFE:	

Color Legend

- Old Cement
- ***No Current Cement***
- Contingency Balanced Plug
- Residual Drilling Solids
- Mud Laden Fluids
- Cast Iron Bridge Plug
- ALREADY SET CIBP

Plug Details		Min Req (ALL DEPTHS MD)			Squeeze/Balanced Plug				Balanced Plug					
Plug #	Type	Depth	TOC Min	Length	sx	bbl	TOC Calc	Length	sx	bbl	TOC Calc	Length	P2P ft	Cem
1	Bal Plug	9,870'	9,700'	170'	21	4.0	9,700'	170'	21	4.0	9,700'	170'	-	H
2	CIBP+Bal Plug	9,700'	9,415'	285'	35	6.6	9,415'	285'	35	6.6	9,415'	285'	000'	H
3	P&S	8,892'	8,692'	200'	57	10.8	8,692'	200'	25	4.6	8,692'	200'	523'	H
4	P&S	7,074'	6,874'	200'	46	10.8	6,874'	200'	20	4.6	6,874'	200'	1,618'	C
5	P&S	6,167'	5,837'	330'	76	17.9	5,837'	330'	33	7.7	5,837'	330'	707'	C
6	P&S	3,852'	3,652'	200'	46	10.8	3,652'	200'	20	4.6496	3,652'	200'	1,985'	C
7	P&S	3,495'	3,295'	200'	49	11.5	3,295'	200'	20	4.6496	3,295'	200'	157'	C
8	P&S	2,132'	1,932'	200'	49	11.5	1,932'	200'	20	4.6496	1,932'	200'	1,163'	C
9	P&S	1,867'	1,667'	200'	49	11.5	1,667'	200'	20	4.6496	1,667'	200'	065'	C
10	**Top Out Plug On Casing Strings**													

FRANKLIN MOUNTAIN ENERGY

6/15/2023

Engineer: Ed Caldwell
Cell: 303-870-1679

PLUG AND ABANDOMENT PROCEDURE

Reeves 26 004 SWD

Step	Description of Work
1	Prior to job, MIRU WL and run new CBL to confirm cement tops.
2	Provide required notice to regulatory agencies (NMOCD @ 575-263-6633) 24 hours prior to commencing any plugging operations. Contact Operations Superintendent or lead operator at least 24 hr prior to rig move. Request they confirm location is clean and ready to acccept rig.
3	*****During attempted wellbore remediation, we found fiberglass tubing below packer dropped downhole (top @9,870') along with damaged casing (confirmed with caliper) from 9,700' down to top of the fish. We talked with OCD and were instructed to pump balanced plug from fish top up to cover damaged cement and then set a CIBP in the good cement to then start P&A operations*****
4	Prepare location for base beam equipped rig. MIRU 2-7/8" tubing string (approximately 10,500'). Ensure that all bradenheads are exposed and that valves are operational prior to rig up.
5	MIRU P&A rig and run in with work string down to top of fish. Pump Class H Balanced Plug 1 from top of fish up to ~9,700' where we know that we have good casing. WOC and then tag to confirm top of balanced plug is in good casing.
6	Call OCD to confirm balanced plug is set from fish top to un-damaged casing depth and get approval to continue on with P&A to set our CIBP in good casing.
7	Come out with workstring and then run in and set a CIBP at top of the balanced cement plug in good casing. Pump Class H cement plug from CIBP up to 100' on top of 3rd Bone Spring formation to 9,415'. WOC and tag.
8	TOOH sideways. RUWL & PU perf guns and run down to depth to perf the 5.5" casing and squeeze/plug from 8,892' to 8,692' with Class H cement. WOC 4hrs. TIH and tag plug.
9	TOOH sideways. RUWL & PU perf guns and run down to depth to perf the 5.5" casing and squeeze/plug from 7,074' to 6,874' with Class C cement (the rest of the plugs will be Class C). WOC 4hrs. TIH and tag plug.
10	TOOH sideways. RUWL & PU perf guns and run down to depth to perf the 5.5" casing and squeeze/plug from 6,167' to 5,837' (needs a longer plug to ensure plug to plug depth is less than 2,000'). WOC 4hrs. TIH and tag plug.
11	TOOH sideways. RUWL & PU perf guns and run down to depth to perf the 5.5" casing and squeeze/plug from 3,852' to 3,652' (casing shoe at 3,802'). WOC 4hrs. TIH and tag plug.
12	TOOH sideways. RUWL & PU perf guns and run down to depth to perf the 5.5" casing and squeeze/plug from 3,495' to 3,295'. WOC 4hrs. TIH and tag plug.
13	TOOH sideways. RUWL & PU perf guns and run down to depth to perf the 5.5" casing and squeeze/plug from 2,132' to 1,932'. WOC 4hrs. TIH and tag plug.
14	TOOH sideways. RUWL & PU perf guns and run down to depth to perf the 5.5" casing and squeeze/plug from 1,867' to 1,667'. If circulation is established, pump until returns are seen on intermediate casing and then fill production casing. WOC 4hrs. TIH and tag plug.
15	If needed, spot plug to top off 5.5" from 1,667' to surface. We will need to top off the 8-5/8" annulus as well.
16	Instruct cementing and wireline contractors to e-mail copies of all job logs/job summaries and invoices to ecaldwell@fmellc.com within 24 hrs of the completion of the job.
17	Supervisor save all invoices, logs, and reports to well file on cloud file storage drive.
18	Excavation crew to notify One Call to clear excavation area around wellhead and for flowlines.
19	Excavate hole around surface casing enough to allow welder to cut remaining casing strings to bottom of cellar or 3' below ground level (whichever is deeper). Verify that cement is to surface in the casing and all anuluses and top off if necessary. Wellhead cut shall commence within ten (10) calendar days of the well being plugged. Cap well 1/4" steel plate and provide picture and GPS coordinates to NMOCD for record. Leave weep hole.
20	MIRU ready cement mixer. Use 4500 psi compressive strength cement, (NO gravel) fill stubout and 5-1/2" / 8-5/8" annulus to surface.

FRANKLIN MOUNTAIN ENERGY

6/15/2023

Engineer: Ed Caldwell
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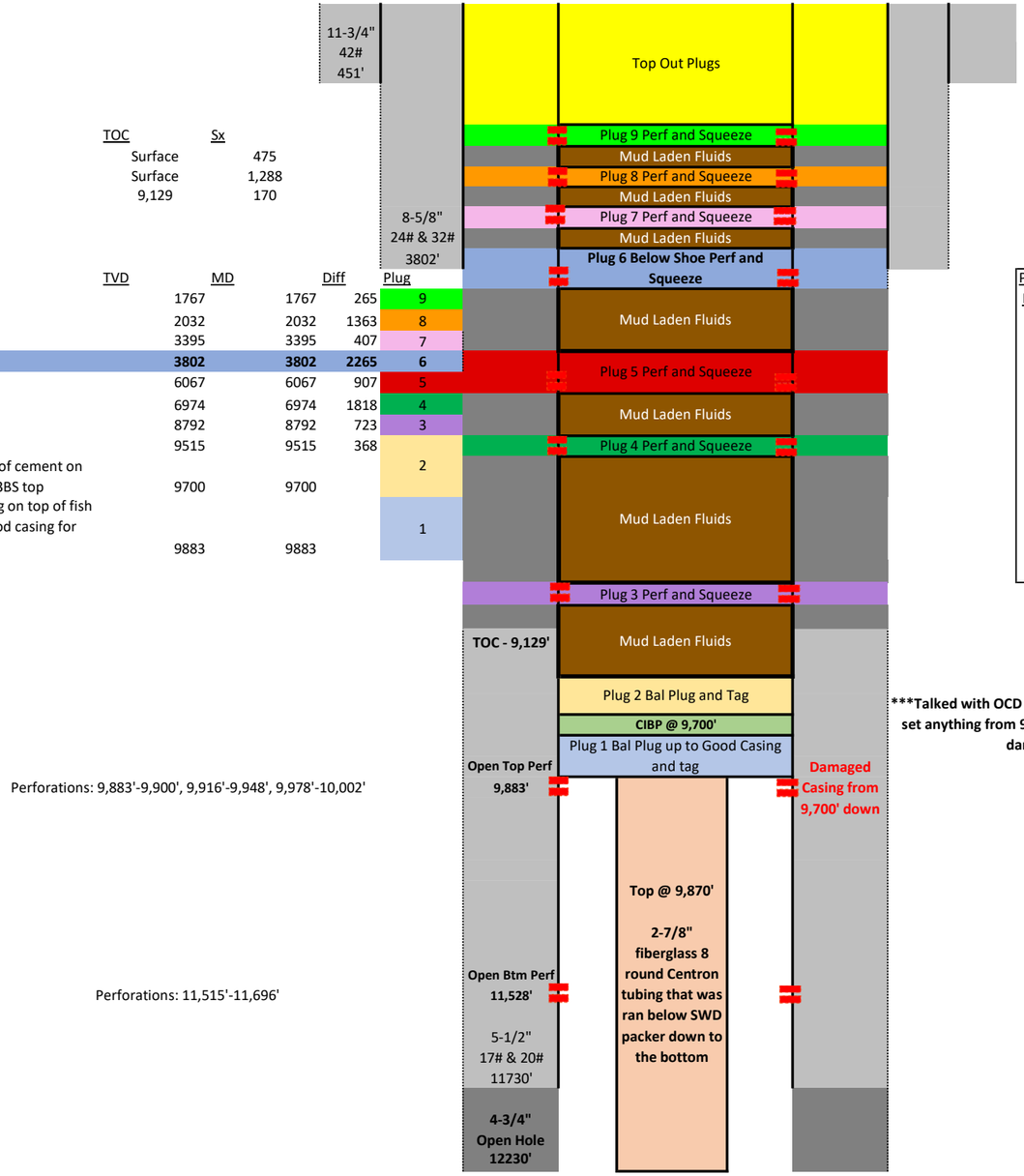
21	Spot weld on steel marker plate. Marker should contain Well name, Well number, name of the operator, lease serial number, surveyed location (1/4 1/4 section, section, township, and range) and API number.
22	Properly abandon flowlines.
23	Back fill hole with fill. Clean location, level.
24	Submit required regulatory filings to the NMOCD.
25	Clean location of any trash, junk, and other waste material.

String	TOC	Sx
11-3/4"	Surface	475
8-5/8"	Surface	1,288
5-1/2"	9,129	170

Geo Tops	TVD	MD	Diff	Plug
Rustler	1767	1767	265	9
Salado	2032	2032	1363	8
Yates	3395	3395	407	7
Casing Shoe	**3802**	**3802**	**2265**	6
Delaware	6067	6067	907	5
BS Lime	6974	6974	1818	4
2BS Top	8792	8792	723	3
3BS Top	9515	9515	368	2
CIBP w/ 185' of cement on top to cover 3BS top	9700	9700		1
Balanced plug on top of fish and up to good casing for CIBP set	9883	9883		



Perforations: 9,883'-9,900', 9,916'-9,948', 9,978'-10,002'

Perforations: 11,515'-11,696'

Talked with OCD and let them know that we cannot set anything from 9,700' down to the fish top due to damaged casing

Well Name:	Reeves 26 004 SWD
Pad Name:	Reeves 26
Latitude:	32.7157784
Longitude:	-103.4312897
API 14 Digit	30025031370000
AFE:	

Color Legend

- Old Cement
- ***No Current Cement***
- Contingency Balanced Plug
- Residual Drilling Solids
- Mud Laden Fluids
- Cast Iron Bridge Plug
- ALREADY SET CIBP

Plug Details		Min Req (ALL DEPTHS MD)			Squeeze/Balanced Plug				Balanced Plug					
Plug #	Type	Depth	TOC Min	Length	sx	bbl	TOC Calc	Length	sx	bbl	TOC Calc	Length	P2P ft	Cem
1	Bal Plug	9,870'	9,700'	170'	21	4.0	9,700'	170'	21	4.0	9,700'	170'	-	H
2	CIBP+Bal Plug	9,700'	9,415'	285'	35	6.6	9,415'	285'	35	6.6	9,415'	285'	000'	H
3	P&S	8,892'	8,692'	200'	57	10.8	8,692'	200'	25	4.6	8,692'	200'	523'	H
4	P&S	7,074'	6,874'	200'	46	10.8	6,874'	200'	20	4.6	6,874'	200'	1,618'	C
5	P&S	6,167'	5,837'	330'	76	17.9	5,837'	330'	33	7.7	5,837'	330'	707'	C
6	P&S	3,852'	3,652'	200'	46	10.8	3,652'	200'	20	4.6496	3,652'	200'	1,985'	C
7	P&S	3,495'	3,295'	200'	49	11.5	3,295'	200'	20	4.6496	3,295'	200'	157'	C
8	P&S	2,132'	1,932'	200'	49	11.5	1,932'	200'	20	4.6496	1,932'	200'	1,163'	C
9	P&S	1,867'	1,667'	200'	49	11.5	1,667'	200'	20	4.6496	1,667'	200'	065'	C
10	**Top Out Plug On Casing Strings**													

6/15/2023

Engineer: Ed Caldwell
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PLUG AND ABANDOMENT PROCEDURE

Reeves 26 004 SWD

Step	Description of Work
1	Prior to job, MIRU WL and run new CBL to confirm cement tops.
2	Provide required notice to regulatory agencies (NMOCD @ 575-263-6633) 24 hours prior to commencing any plugging operations. Contact Operations Superintendent or lead operator at least 24 hr prior to rig move. Request they confirm location is clean and ready to acccept rig.
3	*****During attempted wellbore remediation, we found fiberglass tubing below packer dropped downhole (top @9,870') along with damaged casing (confirmed with caliper) from 9,700' down to top of the fish. We talked with OCD and were instructed to pump balanced plug from fish top up to cover damaged cement and then set a CIBP in the good cement to then start P&A operations*****
4	Prepare location for base beam equipped rig. MIRU 2-7/8" tubing string (approximately 10,500'). Ensure that all bradenheads are exposed and that valves are operational prior to rig up.
5	MIRU P&A rig and run in with work string down to top of fish. Pump Class H Balanced Plug 1 from top of fish up to ~9,700' where we know that we have good casing. WOC and then tag to confirm top of balanced plug is in good casing.
6	Call OCD to confirm balanced plug is set from fish top to un-damaged casing depth and get approval to continue on with P&A to set our CIBP in good casing.
7	Come out with workstring and then run in and set a CIBP at top of the balanced cement plug in good casing. Pump Class H cement plug from CIBP up to 100' on top of 3rd Bone Spring formation to 9,415'. WOC and tag.
8	TOOH sideways. RUWL & PU perf guns and run down to depth to perf the 5.5" casing and squeeze/plug from 8,892' to 8,692' with Class H cement. WOC 4hrs. TIH and tag plug.
9	TOOH sideways. RUWL & PU perf guns and run down to depth to perf the 5.5" casing and squeeze/plug from 7,074' to 6,874' with Class C cement (the rest of the plugs will be Class C). WOC 4hrs. TIH and tag plug.
10	TOOH sideways. RUWL & PU perf guns and run down to depth to perf the 5.5" casing and squeeze/plug from 6,167' to 5,837' (needs a longer plug to ensure plug to plug depth is less than 2,000'). WOC 4hrs. TIH and tag plug.
11	TOOH sideways. RUWL & PU perf guns and run down to depth to perf the 5.5" casing and squeeze/plug from 3,852' to 3,652' (casing shoe at 3,802'). WOC 4hrs. TIH and tag plug.
12	TOOH sideways. RUWL & PU perf guns and run down to depth to perf the 5.5" casing and squeeze/plug from 3,495' to 3,295'. WOC 4hrs. TIH and tag plug.
13	TOOH sideways. RUWL & PU perf guns and run down to depth to perf the 5.5" casing and squeeze/plug from 2,132' to 1,932'. WOC 4hrs. TIH and tag plug.
14	TOOH sideways. RUWL & PU perf guns and run down to depth to perf the 5.5" casing and squeeze/plug from 1,867' to 1,667'. If circulation is established, pump until returns are seen on intermediate casing and then fill production casing. WOC 4hrs. TIH and tag plug.
15	If needed, spot plug to top off 5.5" from 1,667' to surface. We will need to top off the 8-5/8" annulus as well.
16	Instruct cementing and wireline contractors to e-mail copies of all job logs/job summaries and invoices to ecaldwell@fmellc.com within 24 hrs of the completion of the job.
17	Supervisor save all invoices, logs, and reports to well file on cloud file storage drive.
18	Excavation crew to notify One Call to clear excavation area around wellhead and for flowlines.
19	Excavate hole around surface casing enough to allow welder to cut remaining casing strings to bottom of cellar or 3' below ground level (whichever is deeper). Verify that cement is to surface in the casing and all anuluses and top off if necessary. Wellhead cut shall commence within ten (10) calendar days of the well being plugged. Cap well 1/4" steel plate and provide picture and GPS coordinates to NMOCD for record. Leave weep hole.
20	MIRU ready cement mixer. Use 4500 psi compressive strength cement, (NO gravel) fill stubout and 5-1/2" / 8-5/8" annulus to surface.

FRANKLIN MOUNTAIN ENERGY

6/15/2023

Engineer: Ed Caldwell
Cell: 303-870-1679

21	Spot weld on steel marker plate. Marker should contain Well name, Well number, name of the operator, lease serial number, surveyed location (1/4 1/4 section, section, township, and range) and API number.
22	Properly abandon flowlines.
23	Back fill hole with fill. Clean location, level.
24	Submit required regulatory filings to the NMOCD.
25	Clean location of any trash, junk, and other waste material.

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 228872

COMMENTS

Operator: Franklin Mountain Energy 3, LLC 44 Cook Street Denver, CO 80206	OGRID: 331595
	Action Number: 228872
	Action Type: [C-103] NOI Plug & Abandon (C-103F)

COMMENTS

Created By	Comment	Comment Date
plmartinez	DATA ENTRY PM	6/23/2023

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kfortner	See attached COA	6/23/2023