

Well Name: SAN ISIDRO 16	Well Location: T20N / R3W / SEC 16 / SENE / 36.729516 / -107.763184	County or Parish/State: SANDOVAL / NM
Well Number: 8	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM105185	Unit or CA Name: SAN ISIDRO MANCOS	Unit or CA Number: NMNM119111
US Well Number: 3004321014	Well Status: Oil Well Shut In	Operator: FINLEY RESOURCES INCORPORATED

Notice of Intent

Sundry ID: 2750566

Type of Submission: Notice of Intent

Type of Action: Plug and Abandonment

Date Sundry Submitted: 09/11/2023

Time Sundry Submitted: 03:28

Date proposed operation will begin: 11/01/2023

Procedure Description: Finley Resources respectfully requests to P&A the well following the attached procedure.

Surface Disturbance

Is any additional surface disturbance proposed?: No

NOI Attachments

Procedure Description

Proposed_WBD_20230912134833.pdf

Current_WBD_20230912134826.pdf

Proposed_P_A_20230911152757.pdf

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Conditions of Approval

Additional

- General_Requirement_PxA_20230921092936.pdf
- 2750566_NOI_PnA_San_Isidro_16_8_3004321014_MHK_09212023_20230921092925.pdf
- San_Isidro_16_No_8_Geo_Rpt_20230920132600.pdf

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: JOSH MORGAN **Signed on:** SEP 12, 2023 01:48 PM

Name: FINLEY RESOURCES INCORPORATED

Title: Opeartions Tech

Street Address: 1308 LAKE STREET

City: Ft Worth **State:** TX

Phone: (817) 231-8756

Email address: JMorgan@finleyresources.com

Field

Representative Name:

Street Address:

City: **State:** **Zip:**

Phone:

Email address:

BLM Point of Contact

BLM POC Name: MATTHEW H KADE **BLM POC Title:** Petroleum Engineer

BLM POC Phone: 5055647736 **BLM POC Email Address:** MKADE@BLM.GOV

Disposition: Approved **Disposition Date:** 09/21/2023

Signature: Matthew Kade

**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), through the Automated Fluid Minerals Support System (AFMSS) 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) and 43 CFR 3172.12(a)(10). 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.

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

AFMSS 2 Sundry ID 2750566

Attachment to Notice of Intention to Plug and Abandon

Operator: Finley Resources Inc.

Well: San Isidro 16 #8 (API#30-043-21014)

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. The following modifications to your plugging program are made:
 - a. Increase volume of cement pumped below the CICR to 180 sacks for plug #1 (Step 6) to cover BLM El Vado, Tocito Sandstone Lentils, and Gallup formation top picks.
 - b. Adjust plug #2 (Step 10) to cover BLM Cliff House formation (Mesa Verde Group top) top pick @ 2220'. (Estimated minimum 26 class C cement covering 2120' to 2270')
 - c. Add plug to cover BLM La Ventana formation top pick @ 1850'. (Estimated minimum 26sxs class C cement covering 1750' to 1900')
 - d. Add plug to cover BLM Lower Chacra formation top pick @ 1490'. (Estimated minimum 26sxs class C cement covering 1390' to 1540')
 - e. Adjust plug #3 (Step 11) to cover BLM Picture Cliff formation top pick @ 762'. (Estimated minimum 26sxs class C cement covering 662' to 812')
 - f. Add plug to cover BLM Fruitland and Ojo Alamo formation picks @ 510' and 390', respectively. (Estimated minimum 46sxs class C cement covering 290' to 560')
 - g. Adjust Surface Shoe and Surface Plugs (Steps 12 and 13) to cover from 263' to surface. (Estimated minimum 45 sxs)

Note: These volumes are for inside plugs only. Volumes would need to be adjusted if CBL indicates cement not to surface and cement squeezes are required.

3. **NOTIFICATION:** Farmington Office is to be notified at least 24 hours before the plugging operations commence at (505) 564-7750.
4. **Reclamation:** Coordinate reclamation with Lucas Vargo, Environmental Protection Specialist with the Rio Puerco Field Office, at lvargo@blm.gov or (505) 793-1819 no later than 30 days after plugging the well.

5. **Deadline of Completion of Operations:** Complete the plugging operation within ninety (90) days from the approval date of the Notice of Intent to Plug and Abandon. If unable to meet deadline, notify the Bureau of Land Management's Farmington Field Office prior to the deadline via Sundry Notice (Form 3160-5) Notice of Intent detailing the reason for the delay and the date the well is to be plugged.

You are also required to place cement excesses per 4.2 and 4.4 of the attached General Requirements. Estimated minimum sacks provided here include the necessary excesses.

Office Hours: 7:45 a.m. to 4:30 p.m. / M. Kade (mkade@blm.gov / 505-564-7736)

BLM - FFO - Geologic Report

Date Completed 9/20/2023

Well No. San Isidro 16 # 8 Surf. Loc. 2207 FNL 1000 FEL
 Sec. 16 T20N R3W

Lease No. NMNM105185
 Operator Finley Resources Inc. County Sandoval State New Mexico
 TD 4306 PBSD 4306 Formation Rio Puerco Mancos
 Elevation GL 6808 Elevation Est. KB 6815

Geologic Formations	Est. tops	Subsea Elev.	Remarks
Nacimiento Fm.	Surface		Surface /fresh water sands
Ojo Alamo Ss	390	6425	Aquifer (fresh water)
Fruitland Fm.	510	6305	Coal/gas/possible water
Pictured Cliffs	762	6053	Possible water
Lewis Shale	845	5970	
Huerfanito Bentonite	1040	5775	
Chacra (Upper)	1140	5675	Possible gas, water
Chacra (Lower)	1490	5325	Possible gas, water
La Ventana	1850	4965	Possible gas, water
Cliff House	2220	4595	Possible gas, water
Menefee Fm.	2290	4525	Coal/ss/water/possible gas
Point Lookout Fm.	2910	3905	Possible gas, water
Mancos Shale	3125	3690	Petroleum source rock
El Vado Ss	3460	3355	Possible gas, water
Tocito Ss Lentils	3595	3220	Possible gas, water
Gallup	3920	2895	O&G

Remarks:

- Vertical wellbore - all fm. tops are TVD.
- Note that all depths include 13' KB.
- The minimum plug volume is 25 sacks/plug.
- Increase the volume of cement pumped under the CICR to 180 sacks to cover the El Vado, Tocito Sandstone Lentils, and the Gallup top.
- Set a plug to cover the Cliff House formation (Mesa Verde Group top) from 2120' to 2270'.
- Set a plug to cover the La Ventana top from 1750' to 1900'.
- Set a plug to cover the Lower Chacra from 1390' to 1540'.
- Set a plug to cover the Pictured Cliffs from 662' to 812'.
- The Ojo Alamo must be completely covered. Set a plug from 290' to 560'.
- Set a surface plug from 263' to the surface.
- Please note that a CBL is to be performed. Each of the modified plugs may require squeezing depending on the CBL results.
- If the operator wants to set a plug over another formation the minimum volume is 25 sacks.

Reference Wells:

1) Same

Prepared by: Walter Gage

Finley Resources Inc. P&A Procedure
San Isidro 16-8 NMNM 105185 API# 30 043 21014
2207' FNL & 1000 FEL Sec 16 T20N R3W NMPM
Sandoval County, NM.

12 ¼" hole 9 5/8" 36# @ 213' 125 sacks G Cement circ. surface

8 4/4" hole 7" 20# @ 3230' 515 sacks Circ. Surface

6.250" open hole F/ 3230' to 4254' TD

Notify all agencies involved 72 hours prior to plugging.

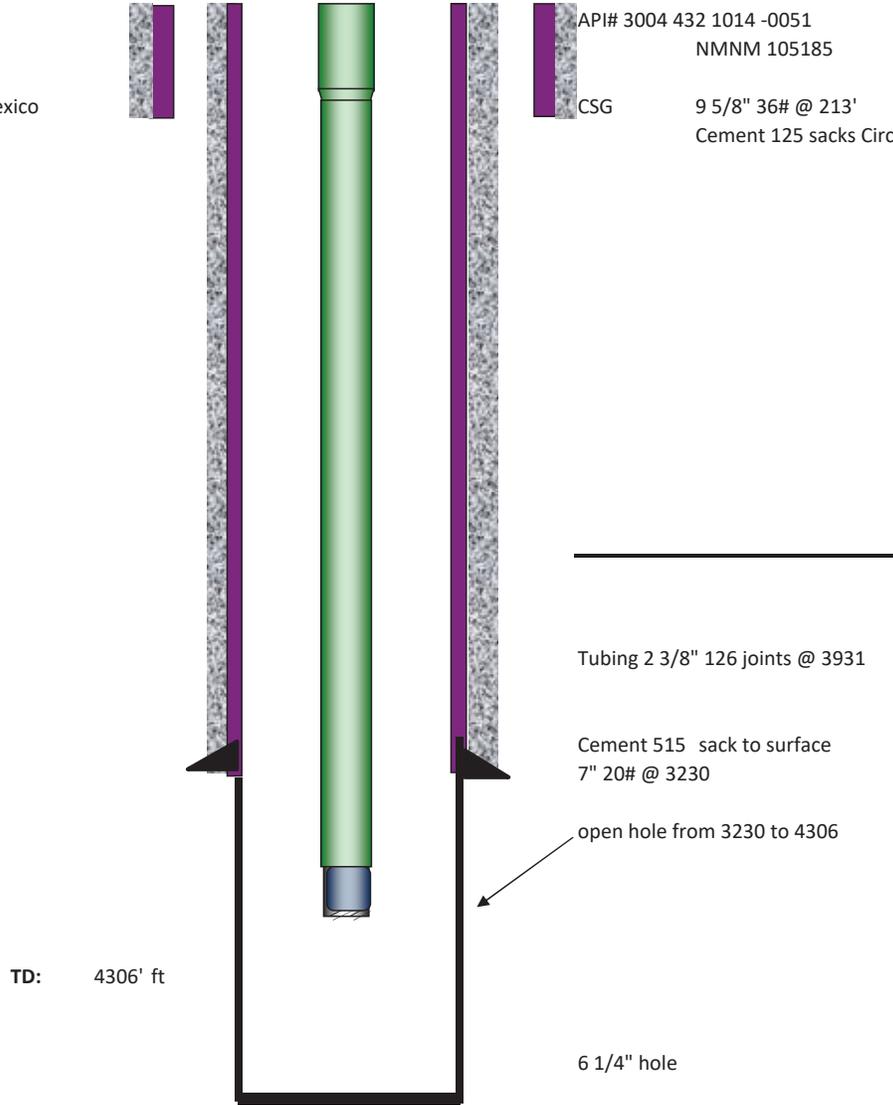
1. MIRU Plugging equipment.
2. POOH and LD pump and rods
3. NU BOP strap and hydrotest tubing OOH and rack back.
4. RIH w/ 6.250 bit and 7" casing scrapper to 3200' & POOH
5. RIH and set CICR\ @ 2980' pressure test casing 500 psi 30 minutes.
6. Pump 60 sacks C cement below retainer.
7. Sting out retainer balance 20 sack C cement plug F/ 2980' to 2864'
8. POH w/ Cementer retainer setting tool.
9. RU wire line run CBL log F/ 2800' to surface [If bond log show cement to surface continue as follow:
10. RIH w/ tubing open ended, and spot balanced 20 sack C cement plug F/ 2200' to 2084'
11. PUH w/ tubing and spot balance 20 sack C Cement plug F/ 1000 to 884' WOC/ Tag
12. PUH w/ tubing and spot balance 20 Sack C Cement Plug F 253' to 153' WOC/tag
13. Spot 10 sacks C Cement 15' to 0'
14. Cut off and weld on cap.

Current Wellbore Diagram

Well Name: San Isidro 16-8
Field: Rio Puerco Mancos
County: Sandoval New Mexico



API# 3004 432 1014 -0051
NMNM 105185
CSG 9 5/8" 36# @ 213'
Cement 125 sacks Circ to surface



TD: 4306' ft

Tubing 2 3/8" 126 joints @ 3931

Cement 515 sack to surface
7" 20# @ 3230

open hole from 3230 to 4306

6 1/4" hole

Well Name: SAN ISIDRO 16	Well Location: T20N / R3W / SEC 16 / SENE / 36.729516 / -107.763184	County or Parish/State: SANDOVAL / NM
Well Number: 8	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM105185	Unit or CA Name: SAN ISIDRO MANCOS	Unit or CA Number: NMNM119111
US Well Number: 3004321014	Well Status: Oil Well Shut In	Operator: FINLEY RESOURCES INCORPORATED

Notice of Intent

Sundry ID: 2750566

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Type of Action: Plug and Abandonment

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Is any additional surface disturbance proposed?: No

NOI Attachments

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Current_WBD_20230912134826.pdf

Proposed_P_A_20230911152757.pdf

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County or Parish/State: SANDOVAL / NM

Well Number: 8

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Conditions of Approval

Additional

General_Requirement_PxA_20230921092936.pdf

2750566_NOI_PnA_San_Isidro_16_8_3004321014_MHK_09212023_20230921092925.pdf

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Operator Electronic Signature: JOSH MORGAN

Signed on: SEP 12, 2023 01:48 PM

Name: FINLEY RESOURCES INCORPORATED

Title: Opeartions Tech

Street Address: 1308 LAKE STREET

City: Ft Worth

State: TX

Phone: (817) 231-8756

Email address: JMorgan@finleyresources.com

Field

Representative Name:

Street Address:

City:

State:

Zip:

Phone:

Email address:

BLM Point of Contact

BLM POC Name: MATTHEW H KADE

BLM POC Title: Petroleum Engineer

BLM POC Phone: 5055647736

BLM POC Email Address: MKADE@BLM.GOV

Disposition: Approved

Disposition Date: 09/21/2023

Signature: Matthew Kade

Finley Resources Inc. P&A Procedure
San Isidro 16-8 NMNM 105185 API# 30 043 21014
2207' FNL & 1000 FEL Sec 16 T20N R3W NMPM
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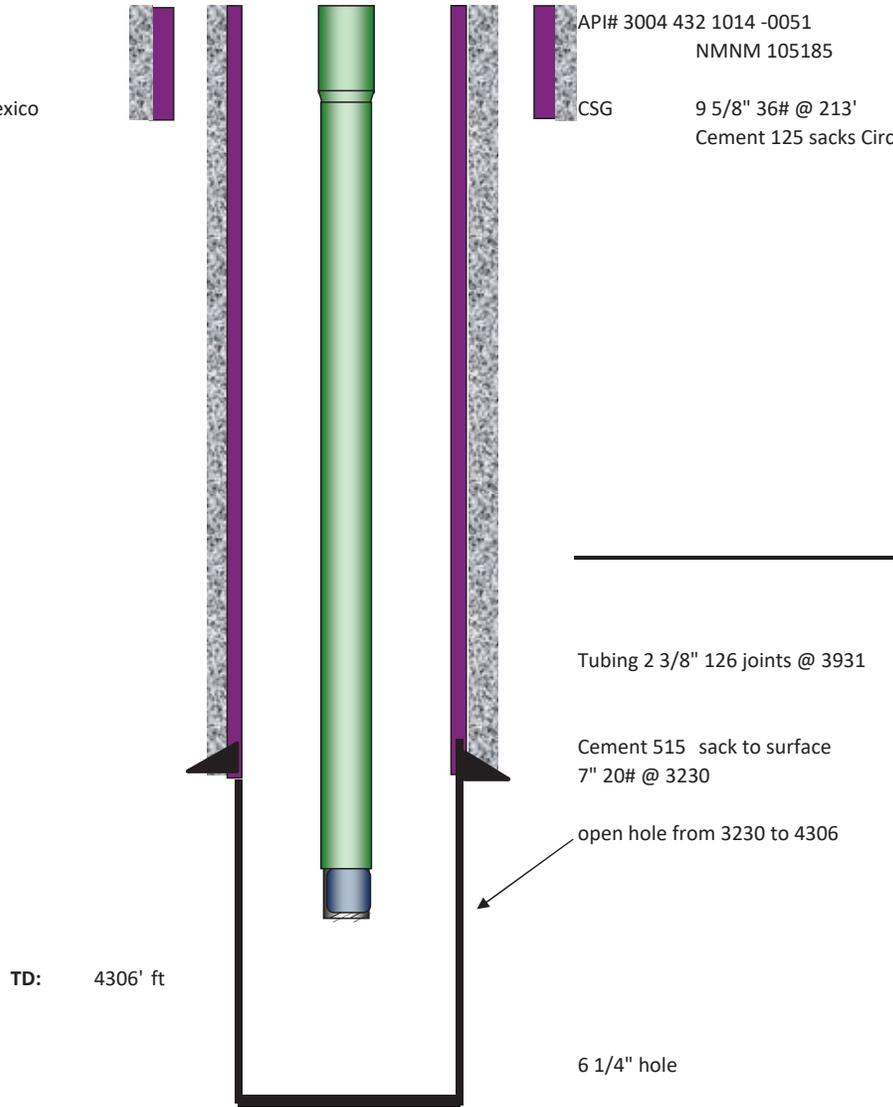
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Cement 125 sacks Circ to surface



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Tubing 2 3/8" 126 joints @ 3931

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open hole from 3230 to 4306

6 1/4" hole

Proposed Wellbore Diagram

Well Name: San Isidro 16-8
Field Rio Puerco Mancos
County: Sandoval New Mexico



20 Sacks from 253-137

20 Sacks from 1000-884

20 sacks from 2200-2084

20 sacks from 2980-2864

7" CICR @ 2980

60 Sacks Below
CICR

TD: 4306' ft

API# 3004 432 1014 -0051

NMNM 105185

CSG

9 5/8" 36# @ 213'

Cement 125 sacks Circ to surface

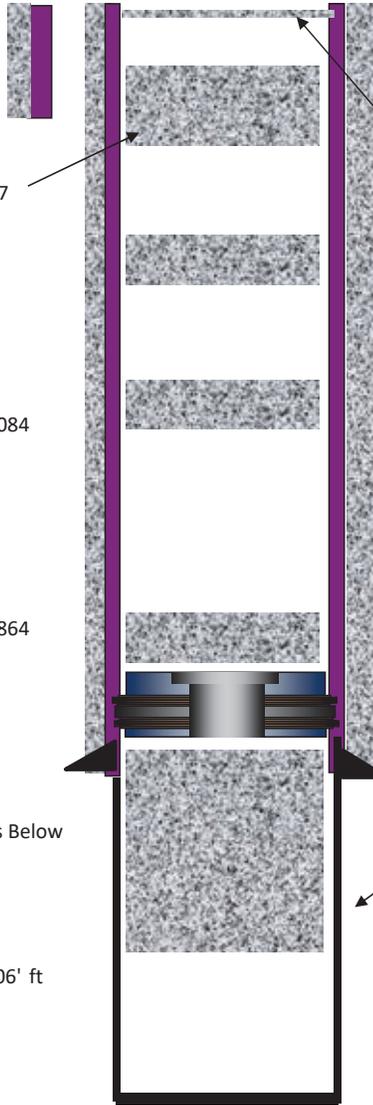
10 sacks from 15-0

Tubing 2 3/8" 126 joints @ 3931

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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.

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

AFMSS 2 Sundry ID 2750566

Attachment to Notice of Intention to Plug and Abandon

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 - g. Adjust Surface Shoe and Surface Plugs (Steps 12 and 13) to cover from 263' to surface. (Estimated minimum 45 sxs)

Note: These volumes are for inside plugs only. Volumes would need to be adjusted if CBL indicates cement not to surface and cement squeezes are required.

3. **NOTIFICATION:** Farmington Office is to be notified at least 24 hours before the plugging operations commence at (505) 564-7750.
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5. **Deadline of Completion of Operations:** Complete the plugging operation within ninety (90) days from the approval date of the Notice of Intent to Plug and Abandon. If unable to meet deadline, notify the Bureau of Land Management's Farmington Field Office prior to the deadline via Sundry Notice (Form 3160-5) Notice of Intent detailing the reason for the delay and the date the well is to be plugged.

You are also required to place cement excesses per 4.2 and 4.4 of the attached General Requirements. Estimated minimum sacks provided here include the necessary excesses.

Office Hours: 7:45 a.m. to 4:30 p.m. / M. Kade (mkade@blm.gov / 505-564-7736)

BLM - FFO - Geologic Report

Date Completed 9/20/2023

Well No. San Isidro 16 # 8 Surf. Loc. 2207 FNL 1000 FEL
 Sec. 16 T20N R3W

Lease No. NMNM105185
 Operator Finley Resources Inc. County Sandoval State New Mexico
 TD 4306 PBDT 4306 Formation Rio Puerco Mancos
 Elevation GL 6808 Elevation Est. KB 6815

Geologic Formations	Est. tops	Subsea Elev.	Remarks
Nacimiento Fm.	Surface		Surface /fresh water sands
Ojo Alamo Ss	390	6425	Aquifer (fresh water)
Fruitland Fm.	510	6305	Coal/gas/possible water
Pictured Cliffs	762	6053	Possible water
Lewis Shale	845	5970	
Huerfanito Bentonite	1040	5775	
Chacra (Upper)	1140	5675	Possible gas, water
Chacra (Lower)	1490	5325	Possible gas, water
La Ventana	1850	4965	Possible gas, water
Cliff House	2220	4595	Possible gas, water
Menefee Fm.	2290	4525	Coal/ss/water/possible gas
Point Lookout Fm.	2910	3905	Possible gas, water
Mancos Shale	3125	3690	Petroleum source rock
El Vado Ss	3460	3355	Possible gas, water
Tocito Ss Lentils	3595	3220	Possible gas, water
Gallup	3920	2895	O&G

Remarks:

- Vertical wellbore - all fm. tops are TVD.
- Note that all depths include 13' KB.
- The minimum plug volume is 25 sacks/plug.
- Increase the volume of cement pumped under the CICR to 180 sacks to cover the El Vado, Tocito Sandstone Lentils, and the Gallup top.
- Set a plug to cover the Cliff House formation (Mesa Verde Group top) from 2120' to 2270'.
- Set a plug to cover the La Ventana top from 1750' to 1900'.
- Set a plug to cover the Lower Chacra from 1390' to 1540'.
- Set a plug to cover the Pictured Cliffs from 662' to 812'.
- The Ojo Alamo must be completely covered. Set a plug from 290' to 560'.
- Set a surface plug from 263' to the surface.
- Please note that a CBL is to be performed. Each of the modified plugs may require squeezing depending on the CBL results.
- If the operator wants to set a plug over another formation the minimum volume is 25 sacks.

Reference Wells:

1) Same

Prepared by: Walter Gage

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 284858

CONDITIONS

Operator: FINLEY RESOURCES INC 1308 Lake Street Fort Worth, TX 76102	OGRID: 180387
	Action Number: 284858
	Action Type: [C-103] NOI Plug & Abandon (C-103F)

CONDITIONS

Created By	Condition	Condition Date
mkuehling	Follow BLM coas with addition of tag first plug then add upper chacra plug 1190 to 1040 - Notify NMOCD 24 hours prior to moving on - state at that time type of cement using and who is running cement.	11/13/2023