

Well Name: SAN ISIDRO 16	Well Location: T20N / R3W / SEC 16 / NWSE / 35.961797 / -107.155495	County or Parish/State: SANDOVAL / NM
Well Number: 10	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM105185	Unit or CA Name:	Unit or CA Number:
US Well Number: 3004320719	Well Status: Oil Well Shut In	Operator: FINLEY RESOURCES INCORPORATED

Notice of Intent

Sundry ID: 2750569

Type of Submission: Notice of Intent

Type of Action: Plug and Abandonment

Date Sundry Submitted: 09/11/2023

Time Sundry Submitted: 03:33

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_20230911153304.pdf

Current_WBD_20230911153257.pdf

Proposed_P_A_20230911153248.pdf

Well Number: 10	Well Location: T20N / R3W / SEC 16 / NWSE / 35.961797 / -107.155495	County or Parish/State: SANDOVAL / NM
Lease Number: NMNM105185	Type of Well: OIL WELL	Allottee or Tribe Name:
US Well Number: 3004320719	Unit or CA Name:	Unit or CA Number:
	Well Status: Oil Well Shut In	Operator: FINLEY RESOURCES INCORPORATED

Conditions of Approval

Additional

2750569_NOI_PnA_San_Isidro_16_10_3004320719_MHK_09192023_20230919113456.pdf
 General_Requirement_PxA_20230919113249.pdf
 San_Isidro_16_No_10_Geo_Rpt_20230919100404.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 11, 2023 03:33 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: 09/19/2023

Signature: Matthew Kade

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

AFMSS 2 Sundry ID 2750569

Attachment to Notice of Intention to Plug and Abandon

Well: San Isidro 16 10 (API#30-043-20719)

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. Adjust plug #4 (Step 11 #1) to cover BLM Cliff House formation top pick @ 2130'. (Estimated minimum 25sxs class C cement covering 2030' – 2180')
 - b. Add plug to cover BLM La Ventana formation top pick @ 1790'. (Estimated minimum 25sxs class C cement covering 1690' – 1840')
 - c. Add plug to cover BLM Lower Chacra formation top pick @ 1410'. (Estimated minimum 25sxs class C cement covering 1310' to 1460')
 - d. Adjust plug #5 (Step 11 #2) to cover BLM Picture Cliff formation top pick @ 690'. (Estimated minimum 25sxs class C cement covering 590' - 740')
 - e. Add plug to cover BLM Fruitland and Ojo Alamo formation picks @ 490' and 362', respectively. (Estimated minimum 38sxs class C cement covering 312' – 540')
 - f. Adjust Surface Shoe and Surface Plugs (Steps 12 and 13) to cover from 274' to surface. (Estimated minimum 46 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. **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. Minimum sxs 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)

**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.

BLM - FFO - Geologic Report

Date Completed 9/19/2023

Well No. San Isidro 16 # 10 Surf. Loc. 1980 FSL 1980 FEL
 Sec. 16 T20N R3W

Lease No. NMNM105185
 Operator Finley Resources Inc. County Sandoval State New Mexico
 TD 4274 PBDT 3330 Formation Rio Puerco Mancos
 Elevation GL 6792 Elevation Est. KB 6805

Geologic Formations	Est. tops	Subsea Elev.	Remarks
Nacimiento Fm.	Surface		Surface /fresh water sands
Ojo Alamo Ss	362	6443	Aquifer (fresh water)
Fruitland Fm.	490	6315	Coal/gas/possible water
Pictured Cliffs	690	6115	Possible water
Lewis Shale	780	6025	
Huerfanito Bentonite	945	5860	
Chacra (Upper)	1080	5725	Possible gas, water
Chacra (Lower)	1410	5395	Possible gas, water
La Ventana	1790	5015	Possible gas, water
Cliff House	2130	4675	Possible gas, water
Menefee Fm.	2200	4605	Coal/ss/water/possible gas
Point Lookout Fm.	2862	3943	Possible gas, water
Mancos Shale	3118	3687	Petroleum source rock

Remarks:

- Vertical wellbore - all fm. tops are TVD.
 - Note that all depths include 13' KB.
 - The cement type is not not completely clear. "C" cement is mentioned in some plug descriptions and not mentioned in others.
 -The bottom 3 plugs, to and including the plug over the top of the CICR, are acceptable. All the plugs above these 3 have been moved and others added according to the BLM Geologist's picks for formation tops. In addition, the minimum plug volume from here up is 25 sacks/plug.
 - Set a plug to cover the Cliff House formation (Mesa Verde Group top) from 2030' to 2180'.
 -Set a plug to cover the La Ventana top from 1690' to 1840'.
 -Set a plug to cover the Lower Chacra from 1310' to 1460'.
 -Set a plug to cover the Pictured Cliffs from 580' to 740'.
 - The Ojo Alamo must be completely covered. Set a plug from 262' to 540'.
 - Set a surface plug from 274' 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

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

Form C-103
 Revised July 18, 2013

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

WELL API NO. 30-043-20179
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. NM 105785
7. Lease Name or Unit Agreement Name San Isidro
8. Well Number 16-10
9. OGRID Number 180387
10. Pool name or Wildcat Rio Puerco Mancos
11. Elevation (Show whether DR, RKB, RT, GR, etc.) GR 6792

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

2. Name of Operator
Finley Resources Inc.

3. Address of Operator 1308 Lake Street
Fort Worth, TX 76102

4. Well Location
 Unit Letter J : 1980 feet from the South line and 1980 feet from the East line
 Section 16 Township 20 N Range 3W NMPM Sandoval County

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input checked="" type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	P AND A <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	MULTIPLE COMPL <input type="checkbox"/>	CASING/CEMENT JOB <input type="checkbox"/>	
DOWNHOLE COMMINGLE <input type="checkbox"/>			
CLOSED-LOOP SYSTEM <input type="checkbox"/>			
OTHER: <input type="checkbox"/>		OTHER: <input type="checkbox"/>	

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.

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

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

SIGNATURE  TITLE Operations Tech DATE 9/11/2023

Type or print name Josh Morgan E-mail address: jmorgan@finleyresources.com PHONE: (817) 231-8756

For State Use Only

APPROVED BY: _____ TITLE _____ DATE _____

Conditions of Approval (if any):

Finley Resources Inc. P&A Procedure
San Isidro 16-10 NMNM - 105185 API# 30 043 20719
1980 FSL-1980FEL Sec.16 20N-3W Sandoval County, NM

12 ¼" hole 9 5/8" 36# @ 224' 200 sacks top of cement surface

8 ¾" hole 7" 23# @ 3330' w/ 485 sacks calculated surface.

7" CIBP @ 3185'

Open hole F/ 3300' to 4274' [6 ¼']

Notify all agencies involved 72 hours prior to plugging

1. MIRU Plugging rig and equipment.
2. POOH and LD Rods and pump, Strap and hydrotest tubing OOH & Rack back tubing.
3. PU and RIH w/ 6 .250 bit and scrapper on 2 3/8" tubing and tag CIBP @ 3185'
4. spot 10 sacks cement 50' cement on top of CIBP [3185' to 3135']
5. POH w/ 6.250" bit. LD same,
6. RIH w/ 7" cement retainer and set @ 2950' pressure test casing 500 psi,
- 7 Mix and pump 50 sacks C cement and squeeze off perforated interval. 3060' to 3116'
- 8 sting out retainer @ 2950' and spot 20 sacks cement F/ 2950' to 2831']
- 9 POH LD cement retainer stinger,
10. RU wireline run CBL Run F/ 2831' to surface [If bond log show cement to surface plug as follow]
- 11 RIH w/ 2 3/8" tubing open ended spot 20 sack plug F/ 2200' to 2081'
11. PUH and spot 20 sack C Cement plug F/ 1000' to 881' WOC and tag
- 12 PUH and spot 20 sack C cement plug F/ 274' to 174' WOC and tag
- 13 PUH 10 sacks C Cement 15' to 0'
- 14 cut off 4' below GL and weld on cap.

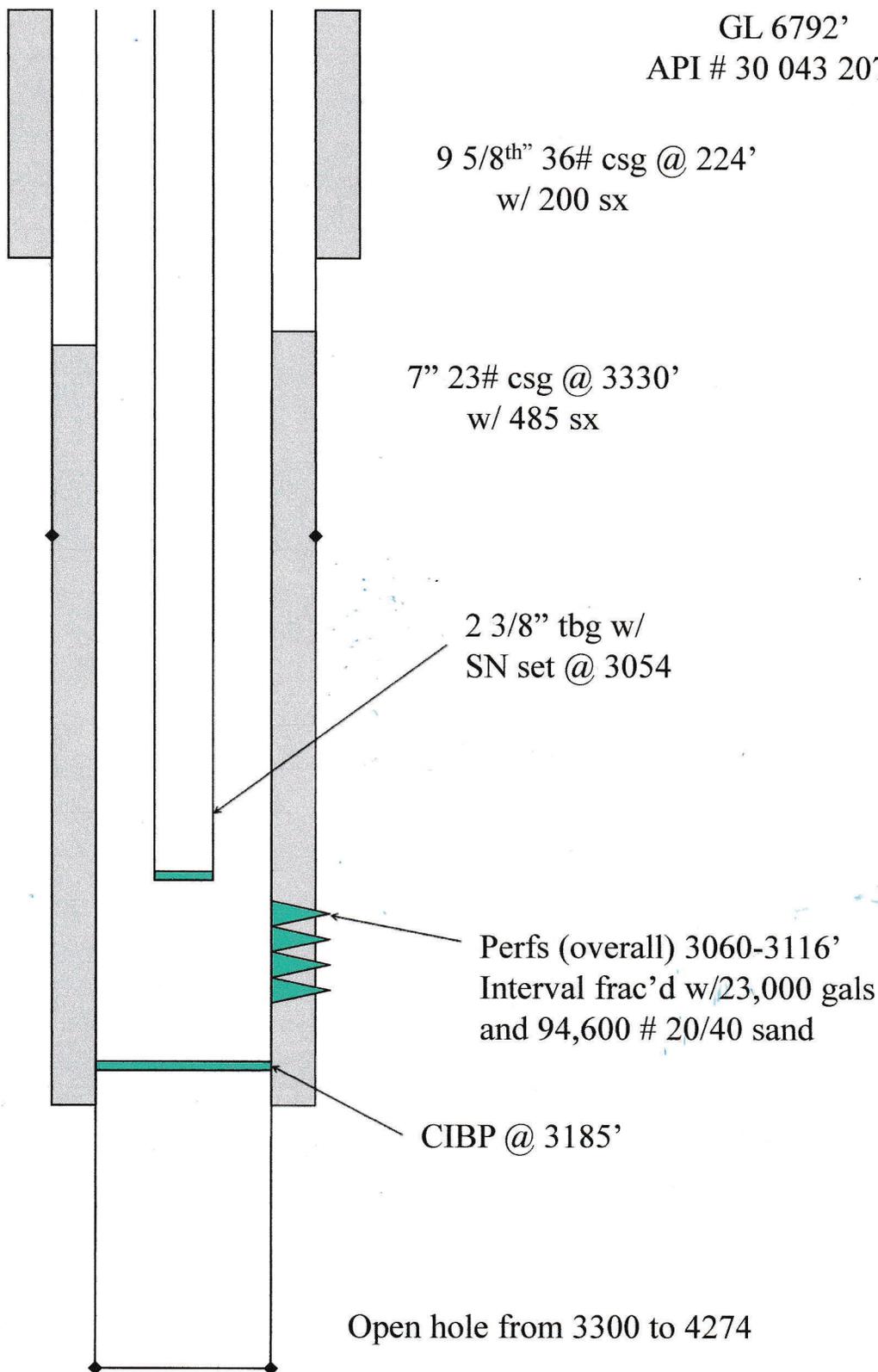
Finley Resources, Inc.

San Isidro 16-10
1980 FSL – 1980 FEL Sec 16
20N- 3W Sandoval County, NM

NMNM-105185

GL 6792'
API # 30 043 20719

Wellbore after completion of march 20, 2010



Finley Resources, Inc.

San Isidro 16-10
1980 FSL - 1980 FEL Sec 16
20N- 3W Sandoval County, NM

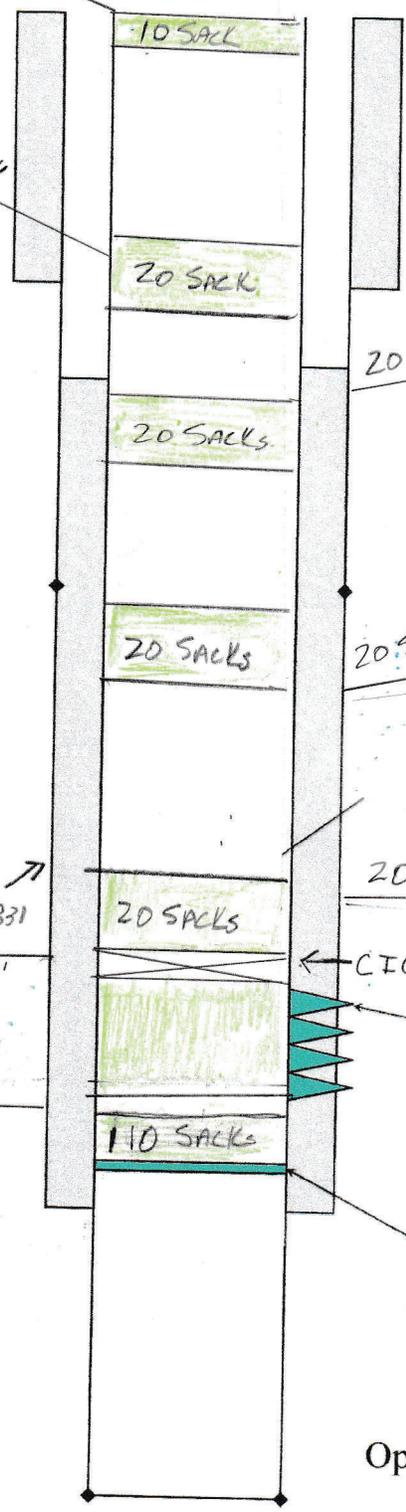
NMNM-105185

GL 6792'
API # 30 043 20719

10 SACK F/15' below GL
Cut off 4' below GL

20 SACK Plug F/274' to 174'

Wellbore after completion of march 20, 2010



9 5/8th" 36# csg @ 224'
w/ 200 sx

20 SACK cement Plug F/ 1000' to 881'

7" 23# csg @ 3330'
w/ 485 sx

20 SACK Plug F/ 2200 to 2081'

20 SACK ON TOP OF CIRC @ 2950 2950 to 2831'

CIRC @ 2950'

Perfs (overall) 3060-3116'
Interval frac'd w/23,000 gals
and 94,600 # 20/40 sand

CIBP @ 3185'

Open hole from 3300 to 4274

Squeeze SD SACKS 2831
below CIRC @ 2950'

Top Cmt @ 3135'

SD' cmt on top of
CIBP @ 3185'

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 284864

CONDITIONS

Operator: FINLEY RESOURCES INC 1308 Lake Street Fort Worth, TX 76102	OGRID: 180387
	Action Number: 284864
	Action Type: [C-103] NOI Plug & Abandon (C-103F)

CONDITIONS

Created By	Condition	Condition Date
mkuehling	Follow BLM coas with added - first plug should run 100 feet of cement tag first plug - notify nmocd with results of tag - tag any plug thereafter if pressure test is a fail - add upper chacra plug from 1130 to 980 - Notify NMOCD 24 hours prior to moving on - when notifying - state at that time what type of cement you will be using and who will be running cement	11/13/2023