

FORM  
5Rev  
12/20

## State of Colorado

## Energy &amp; Carbon Management Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80203 Phone: (303) 894-2100 Fax: (303) 894-2109



Document Number:

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Date Received:

## DRILLING COMPLETION REPORT

Per Rule 308A, this form and all required attachments shall be submitted after completing the drilling operations to drill, sidetrack, or deepen a wellbore and after changing the casing and/or cement configuration of a wellbore. If any attempt has been made to test, complete, or produce the well, the operator shall also submit a Form 5A (Completed Interval Report) per Rule 308B. If the well has been plugged, the operator shall also submit a Form 6 (Well Abandonment Report) per Rule 311.

Completion Type ☒ Final completion ☐ Preliminary completion

ECMC Operator Number: 10764

Contact Name: Richard Pate

Name of Operator: NUEVIDA RESOURCES LLC

Phone: (303) 5504880

Address: 5950 CEDAR SPRINGS RD STE #100

Fax:

City: DALLAS

State: TX

Zip: 75235

Email: dpate@nuevidaresources.com

API Number 05-067-10037-00

County: LA PLATA

Well Name: Ardourel 33081718

Well Number: 3HL

Location: QtrQtr: Lot 3 Section: 18 Township: 33N Range: 8W Meridian: N  
FNL/FSL FEL/FWL

Footage at surface: Distance: 1773 feet Direction: FSL Distance: 292 feet Direction: FWL

As Drilled Latitude: 37.101193 As Drilled Longitude: -107.767596

GPS Data: GPS Quality Value: 1.8 Type of GPS Quality Value: PDOP Date of Measurement: 12/22/2020

\*\* If directional footage at Top of Prod. Zone Dist: 1765 feet Direction: FSL Dist: 606 feet Direction: FWL  
Sec: 18 Twp: 33N Rng: 8W  
FNL/FSL FEL/FWL\*\* If directional footage at Bottom Hole Dist: 1646 feet Direction: FSL Dist: 439 feet Direction: FEL  
Sec: 17 Twp: 33N Rng: 8W  
FNL/FSL FEL/FWL

Field Name: IGNACIO BLANCO

Field Number: 38300

Federal, Indian or State Lease Number:

Spud Date: (when the 1st bit hit the dirt) 07/24/2023 Date TD: 11/02/2023 Date Casing Set or D&amp;A: 11/05/2023

Rig Release Date: 11/06/2023 Per Rule 308A.b.

Well Classification:

☐ Dry ☐ Oil ☒ Gas/Coalbed ☐ Disposal ☐ Stratigraphic ☐ Enhanced Recovery ☐ Storage ☐ Observation

Total Depth MD 17250 TVD\*\* 7118 Plug Back Total Depth MD 17089 TVD\*\* 7123

Elevations GR 6719 KB 6744

Digital Copies of ALL Logs must be Attached



List All Logs Run:

Open hole logs: GR-Caliper-DIL-BHC Sonic (Intermediate section of wellbore: 6256' - surface). Cased hole logs: GR-CBL (Production section of wellbore: 7460' - surface).

## FLUID VOLUMES USED IN DRILLING OPERATIONS

(Enter "0" if a type of a fluid was not used. Do not leave blank.)

Total Fluids (bbls): 10122

Fresh Water (bbls): 9022

Recycled or Reused Fluids That Offset the Use of Fresh Water (bbls): 1100

## CASING, LINER AND CEMENT

Casing Type	Size of Hole	Size of Casing	Grade	Wt/Ft	Csg/Liner Top	Setting Depth	Sacks Cmt	Cmt Btm	Cmt Top	Status
SURF	17+1/2	13+3/8	J-55	54.5	0	518	628	518	0	VISU
1ST	12+1/4	9+5/8	L80HC	40.0	0	6272	1987	6272	0	VISU
2ND	8+1/2	5+1/2	P110HC	20.0	0	17212	2600	17212	1450	CBL

Bradenhead Pressure Action Threshold 155 psig

This threshold is calculated per Rule 308A.b.(2)G. If this well is located in a bradenhead test area (see Rule 207.b) per an Order of the Commission, it may be subject to a different threshold.

Does the casing centralization comply with Rule 317.g? Yes

If "NO", provide details below.

## STAGE/TOP OUT/REMEDIAL CEMENT

Cement work date: 08/24/2023

Method used	String	Cementing tool setting/perf depth	Cement volume	Cement top	Cement bottom
STAGE TOOL	1ST	6,272	519	4,638	6,272
DV TOOL	S.C. 1.1	4,638	628	2,023	4,638
DV TOOL	S.C. 1.2	2,023	840	0	2,023

Details of work:

The 9-5/8" intermediate casing was ran and set at 6272 ft. The intermediate casing string was cemented with a 3-stage cement job. Full returns occurred on all 3 stages, described as follows: Stage 1 returns of 40 bbls spacer and 71 bbls cement, stage 2 returns of 40 bbls spacer and 70 bbls cement, stage 3 returns of 40 bbls spacer and 153 bbls cement. Total cement of 1987 sxs.

## FORMATION LOG INTERVALS AND TEST ZONES

FORMATION NAME	Measured Depth		Check if applies		COMMENTS (All DST and Core Analysis must be submitted to ECMC)
	Top	Bottom	DST	Cored	
KIRTLAND	1,780	2,607	NO	NO	
FRUITLAND	2,608	3,107	NO	NO	
PICTURED CLIFFS	3,108	3,264	NO	NO	
LEWIS	3,265	4,881	NO	NO	
CLIFF HOUSE	4,882	5,286	NO	NO	
MENEFEE	5,287	5,550	NO	NO	
POINT LOOKOUT	5,551	5,777	NO	NO	
MANCOS	5,778	5,895	NO	NO	
MANCOS A	5,896	6,249	NO	NO	
MANCOS B	6,250	6,437	NO	NO	

Operator Comments:

1. Well was shut-in after 5-1/2" casing was ran & cemented. Rig released on 11/08/2023. Waiting on completion (WOC). CPW wildlife restrictions Dec.1 through April 30. Completion activity anticipated to commence mid-July 2024, pending vendor availability.
2. The cased hole GR-CBL for the intermediate string (9-5/8" casing) was exempted on October 11, 2023 by the ECMC (see attachments section under Other category). Shoe test (10/21/23) from 6302'-6272' (btm 9-5/8" csg @ 6272')- EMW 12.54 ppg (30 min). Held OK.
3. TD,PBHL: Well was TD @ 17,250'MD (439' FEL). Casing was ran and set at 17,212' (477' FEL) and the frac sleeve (PBHL) @ 12,088' (600' FEL). The well was TD'd @ 17,250' MD in order to have enough "rathole" to set 5-1/2" float shoe, 2 joints csg, float collar and 1 joint csg to allow for frac valve to be placed at 17,089' (600' FEL: legal set-back is 600' FEL).
4. TPZ: The top of producing zone is estimated at 7,568'MD (7,112' TVD): 1765' FSL x 606' FWL (basis - Certified Scientific Drlg Survey report, dated 11/21/2023). The actual/final TPZ will be provided on Form 5A after the well has been completed.

I hereby certify all statements made in this form are, to the best of my knowledge, true, correct, and complete.

Signed: \_\_\_\_\_

Print Name: Richard Pate

Title: COO-VP Engr/Opns

Date: \_\_\_\_\_

Email: dpate@nuevidaresources.com

**ATTACHMENT LIST**

Att Doc Num	Document Name	attached ?			
<u>Attachment Checklist</u>					
403681797	CMT Summary *	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
	Core Analysis	Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>
403680300	Directional Survey **	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
	DST Analysis	Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>
	Logs	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
403683367	Other	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
<u>Other Attachments</u>					
403680297	PDF-CALIPER	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
403680298	LAS-DUAL INDUCTION	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
403680299	PDF-DUAL INDUCTION	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
403681791	LAS-MWD/LWD	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
403737138	PDF-MUD	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
403740562	PDF-MWD/LWD	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
403799364	LAS-CBL 1ST RUN	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
403799368	PDF-CBL 1ST RUN	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
403803901	WELLBORE DIAGRAM	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>

**General Comments**

User Group	Comment	Comment Date
	Rt'd to Draft - no comment regarding drilling past setback (600' 112-299); - no comment regarding TPZ confirmation with 5A; - confirm cement qtys 1st string - only primary cement should be on casing tab - stage cement(s) on top out tab - if both DV tools on 1st string - S.C. 1.1 and S.C. 1.2 ; -logs run box should only be log list - comments go on submit tab - guidance available; guidance for Form 5 should be consulted to assure complete F5 submission	05/14/2024

Total: 1 comment(s)