

Santa Fe Main Office Phone: (505) 476-3441 Fax: (55) 476-3462 General Information Phone: (505) 629-6116  Online Phone Directory Visit: <a href="https://www.emnrd.nm.gov/ocd/contact-us/">https://www.emnrd.nm.gov/ocd/contact-us/</a>	State of New Mexico Energy, Minerals & Natural Resources Department <b>OIL CONSERVATION DIVISION</b>	<b>C-104</b> Revised July 9, 2024  Submit Electronically Via OCD Permitting
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**REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT**

**Section 1 - Operator and Well Information**

Submittal Type: <input type="checkbox"/> Test Allowable (C-104RT) <input type="checkbox"/> New Well (C-104NW) <input checked="" type="checkbox"/> Recomplete (C-104RC) <input type="checkbox"/> Pay Add (C-104RC) <input type="checkbox"/> Amended	
Operator Name: Hilcorp Energy Company	OGRID: 372171
Property Name and Well Number: Riddle 1B	Property Code: 318681
Mineral Owner: <input type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input checked="" type="checkbox"/> Federal	API Number: 30-045-30043
Pool Name: Basin Fruitland Coal (Gas)	Pool Code: 71629

**Section 2 – Surface Location**

UL K	Section 04	Township 30N	Range 09W	Lot	Ft. from N/S 1790' FSL	Ft. from E/W 1830' FWL	Latitude 36.8379059	Longitude -107.7887726	County San Juan
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**Section 3 – Completion Information**

Producing Method Flowing	Ready Date 5/15/2025	Perforations MD 2738' – 2912'	Perforations TVD 2738' – 2912'
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**Section 4 – Action IDs for Submissions and Order Numbers**

List Action IDs for Drilling Sundries	Was an Order required / needed (Y/N), if yes list Order number:
C-104 RT Action ID (if C-104NW): 457443	Communitization Agreement <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No, Order No.
Surface Casing Action ID: Prior to System	Unit: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No, Order No.
Intermediate 1 Casing Action ID: Prior to System	Compulsory Pooling: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No, Order No.
Intermediate 2 Casing Action ID: Prior to System	Down Hole Commingling: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No, Order No. <b>5490</b>
Production Casing Action ID: Prior to System	Surface Commingling: <input type="checkbox"/> Yes <input type="checkbox"/> No, Order No.
All casing was pressure tested in accordance with NMAC <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Non-standard Location: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Common ownership Order No.
Liner 1 Action ID: Prior to System	Non-standard Proration: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No, Order No.
Casing was installed prior to OCD's Action ID system (Y/N): Y	Simultaneous Dedication: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No, Order No.

**Section 5 - Operator Signature and Certification**

<input checked="" type="checkbox"/> I hereby certify that the required Water Use Report has been, or will be, submitted for this well's completion.	
<input checked="" type="checkbox"/> I hereby certify that the required Fracfocus disclosure has been, or will be, submitted for this well's completion.	
<input checked="" type="checkbox"/> I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.	
Name 	
Title: Operations Regulatory Tech Sr.	Date 5/29/2025

UNITED STATES  
 DEPARTMENT OF THE INTERIOR  
 BUREAU OF LAND MANAGEMENT

FORM APPROVED  
 OMB No. 1004-0137  
 Expires: July 31, 2018

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

5. Lease Serial No.  
**NMSF081098**

1a. Type of Well:  Oil Well  Gas Well  Dry  Other  
 b. Type of Completion:  New Well  Work Over  Deepen  Plug Back  Diff. Resvr.,  
 Other: Recomplete

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

2. Name of Operator  
**Hilcorp Energy Company**

8. Lease Name and Well No.  
**Riddle 1B**

3. Address  
**382 Road 3100, Aztec, NM 87410**

3a. Phone No. (include area code)  
**(505) 599-3400**

9. API Well No.  
**30-045-30043**

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*  
 At surface  
**K (NESW) 1790' FSL & 1830' FWL**  
 At top prod. Interval reported below  
 At total depth

10. Field and Pool or Exploratory  
**Basin Fruitland Coal (Gas)**

11. Sec., T., R., M., on Block and Survey or Area  
**Sec. 04, T30N, R09W**

12. County or Parish  
**San Juan**

13. State  
**New Mexico**

14. Date Spudded  
**2/16/2000**

15. Date T.D. Reached  
**2/27/2000**

16. Date Completed **5/15/2025**  
 D & A  Ready to Prod.

17. Elevations (DF, RKB, RT, GL)\*  
**6146'**

18. Total Depth:  
**5638'**

19. Plug Back T.D.:  
**5535'**

20. Depth Bridge Plug Set: MD  
 TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)

22. Was well cored?  No  Yes (Submit analysis)  
 Was DST run?  No  Yes (Submit report)  
 Directional Survey?  No  Yes (Submit copy)

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement top*	Amount Pulled
12 1/4"	9 5/8", WC-50	32.3#		248'		225 sx			
8 3/4"	7", J-55	20#		4437'		458 sx			
6 1/4"	4 1/2", J-55	10.5#	4336'	5537'		108 sx			

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2 3/8"	5494'							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Fruitland Coal (upper)	2738'	2844'	4 SPF	0.33"	175	Open
B) Fruitland Coal (lower)	2884'	2912'	3 SPF	0.35"	84	Open
C)						
D)						

26. Perforation Record

Perforated Interval	Size	No. Holes	Perf. Status
4 SPF	0.33"	175	Open
3 SPF	0.35"	84	Open

27. Acid, Fracture, Treatment, Cement Squeeze, etc.

Depth Interval	Amount and Type of Material
Fruitland Coal (2738' - 2844')	FRAC AT 50 BPM W/ 70Q N2 FOAM. TOTAL LOAD: 564 BBLs SLICKWATER: 540 BBLs TOTAL ACID: 24 BBLs TOTAL 30/50 SAND: 52,312 LBS TOTAL 100 MESH SAND: 5,686 LBS TOTAL N2: 599,000 SCF
Fruitland Coal (2884' - 2912')	FRAC AT 50 BPM W/ 70Q N2 FOAM. TOTAL LOAD: 366 BBLs SLICKWATER: 342 BBLs TOTAL ACID: 24 BBLs TOTAL 30/50 SAND: 30,999 LBS TOTAL 100 MESH SAND: 3,409 LBS TOTAL N2: 361,000 SCF

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
5/15/2025	5/15/2025	4	➔	0	36	0			Flowing
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
28/64"	N/A	SI - 110	➔	0	216	0		Producing	

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			➔						
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
	SI		➔						

\*(See instructions and spaces for additional data on page 2)

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			██████████						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			██████████						

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			██████████						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			██████████						

29. Disposition of Gas (Sold, used for fuel, vented, etc.)

**SOLD**

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem test, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
Ojo Alamo	1636'	1744'	White, cr-gr ss	Ojo Alamo	1636'
Kirtland	1744'	2564'	Gry sh interbedded w/tight, gry, fine-gr ss.	Kirtland	1744'
Fruitland	2564'	2912'	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	Fruitland	2564'
Pictured Cliffs	2912'	3101'	Bn-Gry, fine gm, tight ss.	Pictured Cliffs	2912'
Lewis	3101'	3974'	Shale w/ siltstone stingers	Lewis	3101'
Chacara	3974'	4407'	Gry fn grn silty, glauconitic sd stone w/ drk gry shale	Chacara	3974'
Cliffhouse	4407'	4754'	Light gry, med-fine gr ss, carb sh & coal	Mesaverde	4407'
Menefee	4754'	5142'	Med-dark gry, fine gr ss, carb sh & coal	Menefee	4754'
Point Lookout	5142'	'	Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of formation	Point Lookout	5142'
Mancos	'	'	Dark gry carb sh.	Mancos	'
Gallup	'	'	Lt. gry to brn calc carb micac gluac silts & very fine gry gry ss w/ irreg. interbed sh.	Gallup	'
Greenhorn	'	'	Highly calc gry sh w/ thin lmst.	Greenhorn	'
Graneros	'	'	Dk gry shale, fossil & carb w/ pyrite incl.	Graneros	'
Dakota	'	'	Lt to dark gry foss carb sl calc sl sitty ss w/ pyrite incl thin sh bands cly Y shale breaks	Dakota	'
Morrison	'	'	Interbed gm, brn & red waxy sh & fine to coard grn ss	Morrison	'

32. Additional remarks (include plugging procedure):

**This well is now producing as a FC/MV commingle under DHC 5490  
The FC will report to Lease NMSF081098**

33. Indicate which items have been attached by placing a check in the appropriate boxes:

- Electrical/Mechanical Logs (1 full set req'd.)     
  Geologic Report     
  DST Report     
  Directional Survey  
 Sundry Notice for plugging and cement verification     
  Core Analysis     
  Other:

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)\*

Name (please print) Amanda Walker Title Operations/Regulatory Technician - Sr.  
 Signature  Date 5/28/2025

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.



Outlook

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**[EXTERNAL] Well Name: RIDDLE, Well Number: 1B, Notification of Well Completion Acceptance**

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**From** blm-afmss-notifications@blm.gov <blm-afmss-notifications@blm.gov>

**Date** Wed 5/28/2025 6:13 PM

**To** Mandi Walker <MWALKER@HILCORP.COM>

**CAUTION:** External sender. DO NOT open links or attachments from UNKNOWN senders.

**The Bureau of Land Management**

### **Notice of Acceptance for Well Completion Report**

- Operator Name: **HILCORP ENERGY COMPANY**
- Well Name: **RIDDLE**
- Well Number: **1B**
- US Well Number: **3004530043**
- Well Completion Report Id: **WCR2025052895627**

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This notification is automatically generated. Please do not reply to this message as this account is not monitored.

<b>Well Name:</b> RIDDLE	<b>Well Location:</b> T30N / R9W / SEC 4 / NESW / 36.837912 / -107.788742	<b>County or Parish/State:</b> SAN JUAN / NM
<b>Well Number:</b> 1B	<b>Type of Well:</b> CONVENTIONAL GAS WELL	<b>Allottee or Tribe Name:</b>
<b>Lease Number:</b> NMSF081098	<b>Unit or CA Name:</b>	<b>Unit or CA Number:</b>
<b>US Well Number:</b> 3004530043	<b>Operator:</b> HILCORP ENERGY COMPANY	

**Subsequent Report**

**Sundry ID:** 2855036

**Type of Submission:** Subsequent Report

**Type of Action:** Recompletion

**Date Sundry Submitted:** 05/28/2025

**Time Sundry Submitted:** 01:34

**Date Operation Actually Began:** 04/14/2025

**Actual Procedure:** The following well has been recompleted into the Fruitland Coal and is now producing as a FC/MV commingle under DHC 5490. Please see the attached for the recompletion operations.

**SR Attachments**

**Actual Procedure**

RIDDLE\_1B\_RC\_SR\_Writeup\_20250528133342.pdf

Well Name: RIDDLE

Well Location: T30N / R9W / SEC 4 /  
NESW / 36.837912 / -107.788742

County or Parish/State: SAN  
JUAN / NM

Well Number: 1B

Type of Well: CONVENTIONAL GAS  
WELL

Allottee or Tribe Name:

Lease Number: NMSF081098

Unit or CA Name:

Unit or CA Number:

US Well Number: 3004530043

Operator: HILCORP ENERGY  
COMPANY

### 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: AMANDA WALKER

Signed on: MAY 28, 2025 01:34 PM

Name: HILCORP ENERGY COMPANY

Title: Operations/Regulatory Technician

Street Address: 1111 TRAVIS ST

City: HOUSTON

State: TX

Phone: (346) 237-2177

Email address: MWALKER@HILCORP.COM

### Field

Representative Name:

Street Address:

City:

State:

Zip:

Phone:

Email address:

### BLM Point of Contact

BLM POC Name: KENNETH G RENNICK

BLM POC Title: Petroleum Engineer

BLM POC Phone: 5055647742

BLM POC Email Address: krennick@blm.gov

Disposition: Accepted

Disposition Date: 05/28/2025

Signature: Kenneth Rennick

Form 3160-5  
(June 2019)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0137  
Expires: October 31, 2021

**SUNDRY NOTICES AND REPORTS ON WELLS**  
**Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.**

<b>SUBMIT IN TRIPLICATE - Other instructions on page 2</b>		5. Lease Serial No.
1. Type of Well <input type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		6. If Indian, Allottee or Tribe Name
2. Name of Operator		7. If Unit of CA/Agreement, Name and/or No.
3a. Address	3b. Phone No. (include area code)	8. Well Name and No.
4. Location of Well (Footage, Sec., T.,R.,M., or Survey Description)		9. API Well No.
		10. Field and Pool or Exploratory Area
		11. Country or Parish, State

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Hydraulic Fracturing	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)	
	Title
Signature	Date

**THE SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by		
	Title	Date
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.		
	Office	

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.

(Instructions on page 2)

## GENERAL INSTRUCTIONS

This form is designed for submitting proposals to perform certain well operations and reports of such operations when completed as indicated on Federal and Indian lands pursuant to applicable Federal law and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local area or regional procedures and practices, are either shown below, will be issued by or may be obtained from the local Federal office.

## SPECIFIC INSTRUCTIONS

*Item 4* - Locations on Federal or Indian land should be described in accordance with Federal requirements. Consult the local Federal office for specific instructions.

*Item 13*: Proposals to abandon a well and subsequent reports of abandonment should include such special information as is required by the local Federal office. In addition, such proposals and reports should include reasons for the abandonment; data on any former or present productive zones or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, method of parting of any casing, liner or tubing pulled and the depth to the top of any tubing left in the hole; method of closing top of well and date well site conditioned for final inspection looking for approval of the abandonment. If the proposal will involve **hydraulic fracturing operations**, you must comply with 43 CFR 3162.3-3, including providing information about the protection of usable water. Operators should provide the best available information about all formations containing water and their depths. This information could include data and interpretation of resistivity logs run on nearby wells. Information may also be obtained from state or tribal regulatory agencies and from local BLM offices.

## NOTICES

The privacy Act of 1974 and the regulation in 43 CFR 2.48(d) provide that you be furnished the following information in connection with information required by this application.

AUTHORITY: 30 U.S.C. 181 et seq., 351 et seq., 25 U.S.C. 396; 43 CFR 3160.

PRINCIPAL PURPOSE: The information is used to: (1) Evaluate, when appropriate, approve applications, and report completion of subsequent well operations, on a Federal or Indian lease; and (2) document for administrative use, information for the management, disposal and use of National Resource lands and resources, such as: (a) evaluating the equipment and procedures to be used during a proposed subsequent well operation and reviewing the completed well operations for compliance with the approved plan; (b) requesting and granting approval to perform those actions covered by 43 CFR 3162.3-2, 3162.3-3, and 3162.3-4; (c) reporting the beginning or resumption of production, as required by 43 CFR 3162.4-1(c) and (d) analyzing future applications to drill or modify operations in light of data obtained and methods used.

ROUTINE USES: Information from the record and/or the record will be transferred to appropriate Federal, State, local or foreign agencies, when relevant to civil, criminal or regulatory investigations or prosecutions in connection with congressional inquiries or to consumer reporting agencies to facilitate collection of debts owed the Government.

EFFECT OF NOT PROVIDING THE INFORMATION: Filing of this notice and report and disclosure of the information is mandatory for those subsequent well operations specified in 43 CFR 3162.3-2, 3162.3-3, 3162.3-4.

The Paperwork Reduction Act of 1995 requires us to inform you that:

The BLM collects this information to evaluate proposed and/or completed subsequent well operations on Federal or Indian oil and gas leases.

Response to this request is mandatory.

The BLM would like you to know that you do not have to respond to this or any other Federal agency-sponsored information collection unless it displays a currently valid OMB control number.

**BURDEN HOURS STATEMENT:** Public reporting burden for this form is estimated to average 8 hours per response, including the time for reviewing instructions, gathering and maintaining data, and completing and reviewing the form. Direct comments regarding the burden estimate or any other aspect of this form to U.S. Department of the Interior, Bureau of Land Management (1004-0137), Bureau Information Collection Clearance Officer (WO-630), 1849 C St., N.W., Mail Stop 401 LS, Washington, D.C. 20240

## Additional Information

### Location of Well

0. SHL: NESW / 1790 FSL / 1830 FWL / TWSP: 30N / RANGE: 9W / SECTION: 4 / LAT: 36.837912 / LONG: -107.788742 ( TVD: 0 feet, MD: 0 feet )

BHL: NESW / 1790 FSL / 1830 FWL / TWSP: 30N / SECTION: / LAT: 36.837912 / LONG: 107.788742 ( TVD: 0 feet, MD: 0 feet )



## Well Operations Summary L48

**Well Name: RIDDLE #1B**

API: 3004530043	Field: BLANCO MESAVERDE (PRORATED GAS)	State: NEW MEXICO
Permit to Drill (PTD) #:	Sundry #:	Rig/Service: RIGLESS 1

**Jobs**

**Actual Start Date:** 4/14/2025      **End Date:** 5/15/2025

Report Number	Report Start Date	Report End Date
1	4/14/2025	4/14/2025

Operation

MOVE RIG FROM THE WAYNE MOORE COM #1A TO THE RIDDLE 1B (6 MILE MOVE). SPOT RIG AND EQUIPMENT.

RIG UP.

SITP: 50 PSI  
 SICP: 60 PSI  
 SIIC: 0 PSI  
 SIBH: 0 PSI  
 BLOW DOWN 5 MIN

NIPPLE DOWN WELLHEAD, NIPPLE UP BOPE. RIG UP FLOOR.

WORK STUCK TUBING HANGER, NO MOVEMENT. CALLED FOR HANGER PULLER FOR TOMORROW MORNING.

SECURE WELL AND LOCATION

TRAVEL TO YARD

Report Number	Report Start Date	Report End Date
2	4/15/2025	4/15/2025

Operation

CREW TRAVEL TO LOCATION

SERVICE AND START EQUIPMENT

SITP: 50 PSI  
 SICP: 60 PSI  
 SIIC: 0 PSI  
 SIBH: 0 PSI  
 BLOW DOWN 5 MIN

RIG UP TUBING JACK AND PULL TUBING HANGER, NIPPLE UP STRIPPING HEAD. PULL AND LAY DOWN TUBING HANGER. DID NOT TAG FOR FILL.

RIG UP TUBOSCOPE SCANNING EQUIPMENT. TRIP OUT OF HOLE INSPECTING 2 3/8" TUBING.

- 19- YELLOW
- 36- BLUE
- 6- GREEN
- 114- RED

MULTIPLE HOLES FOUND TWISTED OFF SEVERAL JOINTS ABOVE UPSET. RIG DOWN TUBOSCOPE SCANNING EQUIPMENT.

WAIT ON REPLACEMENT TUBING TO BE LOADED AND DELIVERED. PREP TUBING.

TRIP IN THE HOLE WITH 7" STRING MILL TO 3720'. TRIP OUT AND LAY DOWN STRING MILL AND BIT.

SECURE WELL AND LOCATION

TRAVEL TO YARD

Report Number	Report Start Date	Report End Date
3	4/16/2025	4/16/2025

Operation

CREW TRAVEL TO LOCATION

SERVICE AND START EQUIPMENT

SITP: 0 PSI  
 SICP: 110 PSI  
 SIIC: 0 PSI  
 SIBH: 0 PSI  
 BLOW DOWN 15 MIN

KILL WELL PUMPING 20 BBL KILL. PICK UP 7" CIBP AND TRIP IN THE HOLE, **SET PLUG AT 3680'**, LOAD HOLE WITH 149 BBLS OF WATER.

RIG UP WELLCHECK FOR PRE MIT. WAIT ON AND RUN WITNESSED MIT 580 PSI FOR 30 MINUTES, GOOD TEST. WITNESSED BY J. DURHAM

WITH NMOCD. TRIP OUT LAYING DOWN TUBING.



## Well Operations Summary L48

Well Name: RIDDLE #1B

API: 3004530043

Field: BLANCO MESAVERDE (PRORATED GAS)

State: NEW MEXICO

Sundry #:

Rig/Service: RIGLESS 1

Operation

RIG UP BASIN WIRELINE RUN TOOLS AS FOLLOWS:

SET BASE OF FRAC PLUG AT 2962', PERFORATE FRUITLAND COAL (2884' - 2912'), 3 SPF, 84 SHOTS 0.35" DIA, 2 RUNS. ALL SHOTS FIRED. SET AND TAG FRAC THRU PLUG AT 2869'.

RIG DOWN WIRELINE.

SECURE WELL AND LOCATION

TRAVEL TO YARD

Report Number 4	Report Start Date 4/17/2025	Report End Date 4/17/2025
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Operation

TRAVEL TO LOCATION.

HELD PJSM WITH RIG CREW ON TODAY'S OPERATIONS. BDW. SITP: 0 PSI SICP: 0 PSI SIBHP: 0 PSI BDW: 0 MIN

STRAP, DRIFT AND PU 3 1/2" 9.3# P-110 FRAC STRING AS FOLLOWS: TONG HOSE BROKE WAIT ON HOSE TO CONTINUE OPERATION, LAND AS FOLLOWS:

TUBING HANGER (.42)

1 - 3-1/2" P-110 TUBING PUP JT (10.20')

84 - 3-1/2" P-110 YELLOW BAND TUBING (2,549.47')

1 - 3-1/2" P-110 TUBING PUP JT (2.28')

1 - 3-1/2" P-110 TUBING PUP JT (31.25')

1 - 7" X 3 1/2" AS1-X 10K FRAC PACKER (8.00')

1 - WIRELINE RE- ENTRY (.35')

PBDT - 5535.00'

EOT - 2657.09'

KB - 12'

PACK OFF PULLED 30K OVER LAND W/23K ON PACKER. INSTALL 2 WAY CHECK.

RD RIG FLOOR. ND BOP. NU FRACK VALVE. TEST BS HELD 560# 11 MIN. TEST VOID ON HANGER 350 LOW 5 MIN. 5000# HIGH 15 MIN.

RU WELLCHECK. PULL 2 WAY CHECK. PRESSURE TEST FRAC STAC 8000# F/30 MIN.

RIG DOWN RIG AND EQUIPMENT. PREP FOR RIG MOVE. RIG RELEASED TO THE HOWELL A #1 AT 19:00 ON 4/17/24. JOB COMPLETE. SISW.

DEBRIEFED CREW. SDFN. FINAL REPORT.

CREW TRAVELED TO YARD

Report Number 5	Report Start Date 5/9/2025	Report End Date 5/9/2025
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Operation

CREW TRAVEL TO LOCATION.

PJSM, MOB RIG AND EQUIPMENT TO THE RIDDLE 1E(64 MILE MOVE).

CREW TRAVEL TO YARD.

Report Number 6	Report Start Date 5/10/2025	Report End Date 5/10/2025
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Operation

MOVE IN AND SPOT GORE N2 SERVICES AND BASIN WELL LOGGING.

RIG UP FRAC AND N2 EQUIPMENT. COOL DOWN N2 PUMPS.

PRIME EQUIPMENT. PRESSURE TEST FLUID LINES TO 7,800 PSI. GOOD TEST. PRESSURE TEST N2 LINES TO 7,800 PSI. GOOD TEST.

HELD PRE JOB SAFETY MEETING WITH ALL PERSONNEL ON LOCATION.

FRUITLAND ZONE (BROWN) STIMULATION: (2,884' - 2,912') FRAC AT 50 BPM W/ 70Q N2 FOAM. TOTAL LOAD: 366 BBLS SLICKWATER: 342 BBLS TOTAL ACID: 24 BBLS TOTAL 30/50 SAND: 30,999 LBS TOTAL 100 MESH SAND: 3,409 LBS TOTAL N2: 361,000 SCF AVERAGE RATE: 50.0 BPM MAX RATE: 50.7 BPM AVERAGE PRESSURE: 2,929 PSI MAX PRESSURE: 3,476 PSI MAX SAND CONC: 2.5 PPG DOWNHOLE. ISIP: 1796 PSI 5 MIN: 931 PSI

DROP AND SEAT ISOLATION BALL. GOOD SEAT.

PERFORATE FRUITLAND ZONE (BLUE/PURPLR/BLUE) (2738' - 2844') 4 SPF, 175 SHOTS 0.33" DIA. WITH 2-1/2" GUNS. ALL SHOTS FIRED.

FRUITLAND (GREEN/PURPLE/BLUE) STIMULATION: (2,738' - 2,844') FRAC AT 50 BPM W/ 70Q N2 FOAM. TOTAL LOAD: 564 BBLS SLICKWATER: 540 BBLS TOTAL ACID: 24 BBLS TOTAL 30/50 SAND: 52,312 LBS TOTAL 100 MESH SAND: 5,686 LBS TOTAL N2: 599,000 SCF AVERAGE RATE: 50.1 BPM MAX RATE: 51.2 BPM AVERAGE PRESSURE: 2,426 PSI MAX PRESSURE: 3,310 PSI MAX SAND CONC: 2.5 PPG DOWNHOLE. ISIP: 1409 PSI 5 MIN: 573 DROPPED 103 RCN BALLS AFTER 28,000 LBS.

SHUT IN, SECURE WELL AND LOCATION.

RIG DOWN FRAC AND WIRELINE EQUIPMENT.

Report Number 7	Report Start Date 5/11/2025	Report End Date 5/11/2025
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Operation

CREW TRAVEL TO LOCATION.

PJSM, MOB RIG AND EQUIPMENT TO RIDDLE 1B(1 MILE MOVE).

MIRU RIG AND EQUIPMENT.

CK PRESSURES, SITP- 480 PSI SICP-0, SIBHP-0. FLOWING AT 100 PSI AFTER 1 HR. LUBRICATE TWC INTO HANGER. N/D FRAC STACK, N/U BOP. R/U RIG FLOOR. R/U DYNAMIC. PRESSURE TEST BLINDS AND PIPE RAMS(250 PSI 5 MIN AND 2500 PSI 10 MIN), GOOD TEST. R/D DYNAMIC.

UNSET PACKER, PULL HANGER TO SURFACE, LUBRICATE TWC OUT, PUMP 30 BBL KILL DOWN TBG. LD 3 1/2" FRAC STRING(84 JNTS) AND PACKER.

SWAP HANDLING TOOLS FOR 2 3/8" TBG. M/U 6 1/4" BIT, P/U AND TALLY DC'S AND TBG. TAG @2878', NO FILL. L/D 3 JNTS EOT @2773', R/U POWER SWIVEL.

SISW. SECURE WELL. DEBRIEF CREW.



## Well Operations Summary L48

**Well Name: RIDDLE #1B**

**API: 3004530043**

**Field: BLANCO MESAVERDE (PRORATED GAS)**

**State: NEW MEXICO**

**Sundry #:**

**Rig/Service: RIGLESS 1**

Operation

CREW TRAVEL TO YARD.

Report Number 8	Report Start Date 5/12/2025	Report End Date 5/12/2025
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Operation

CREW TRAVEL TO LOCATION.

PJSM, CK PRESSURES, SITP- 170 PSI SICP-0, SIBHP-0. FLOWING AT 20 PSI AFTER 30 MIN.

P/U 3 JNTS W/ SWIVEL, BROUGHT ON AIR UNIT. PRESSURE TEST LINES. TEST GOOD. EST CIRC WITH AIR/MIST. 10-14 BBLs/ HR MIST RATE 2 GAL/HR FOAMER 1 GAL/HR INHIBITOR. CIRCULATING PRESSURE 600 PSI. CASING PRESSURE 50-100 PSI. **TAG AND DRILL OUT PLUG #1 @ 2869'**. 1/4 BUCKET OF SAND AND PLUG PARTS PER 5 GAL SAMPLE, CIRC CLEAN. P/U 4 JNTS AND TAG @2936'(26' OF FILL). DRILL OUT PLUG PARTS AND SAND FROM 2936'. **TAG AND DRILL OUT PLUG #2 @ 2962'**. MAKING 1/4 BUCKET OF SAND AND PLUG PARTS PER 5 GAL SAMPLE. CIRC CLEAN. PUSH PLUG PARTS FROM 3078' TO 3183' AND FELL THROUGH. **TAG AND DRILL OUT PLUG #3 @3680'**. R/D POWER SWIVEL, P/U AND TALLY TBG AND TAG PLUG PARTS @4330' DRILL OUT PLUG PARTS FROM 4330' TO TOL @4336', CIRC CLEAN, L/D 2 JNTS W/POWER SWIVEL. R/D POWER SWIVEL. TOOH WITH TBG AND DC'S, L/D 6 1/4" BIT.

M/U 4 3/4" BIT, TIH WITH TBG AND DC'S, TAG @4336'. L/D 2 JNTS. R/U POWER SWIVEL.

SISW. SECURE WELL. DEBRIEF CREW.

CREW TRAVEL TO YARD.

Report Number 9	Report Start Date 5/13/2025	Report End Date 5/13/2025
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Operation

CREW TRAVEL TO LOCATION.

PJSM, CK PRESSURES, SITP- 0 PSI SICP-145, SIBHP-0. FLOWING AT 10 PSI AFTER 15 MIN.

P/U 2 JNTS AND TAG @4336'. EST CIRC WITH AIR/MIST. 10-14 BBLs/ HR MIST RATE 2 GAL/HR FOAMER 1 GAL/HR INHIBITOR. CIRCULATING PRESSURE 500 PSI. CASING PRESSURE 40 PSI. DRILL OUT PLUG PARTS FROM 4336' TO 4337', P/U 3 JNTS W/ POWER SWIVEL. R/D POWER SWIVEL.

P/U AND TALLY TBG. TAG @5338', R/U POWER SWIVEL. EST CIRC W/ AIR MIST DRILL OUT PLUG PARTS FROM 5338' TO 5340', FELL THOURGH TO 5495'. CLEAN OUT SAND/PLUG PARTS FROM 5495' TO 5535'(PBD). PUMPED SWEEPS AS NEEDED. CIRC TO A TRACE OF SAND. L/D 3 JNTS W/ POWER WIVEL, R/D POWER SWIVEL.

L/D 2 JNTS AND STARTED PULLING OVER. R/U POWER SWIVEL, EST CIRC W/ AIR MIST, WORK TBG FROM 5354' TO 5323'. A TEASPOON OF SAND PER 5 GAL SAMPLE. PUMPED 2 - 5 BBL SWEEPS. L/D 10 JNTS W/ POWER SWIVEL, R/D POWER SWIVEL.

TOOH WITH TBG, L/D DC'S AND BIT.

SISW. SECURE WELL. DEBRIEF CREW.

CREW TRAVEL TO YARD.

Report Number 10	Report Start Date 5/14/2025	Report End Date 5/14/2025
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Operation

ATTEND HEC SAFTEY MEETING. CREW TRAVEL TO LOCATION.

PJSM, CK PRESSURES, SITP- 0 PSI SICP-85, SIBHP-0. FLOWING @ 10 PSI AFTER 10 MIN.

DROP 2 STICKS OF 1920 THPS STICKS DOWN CASING. M/U PRODUCTION BHA, TIH WITH TBG AND TAG @5532'(3' OF FILL). L/D 2 JNTS, M/U TBG HANGER AND LAND TBG AS FOLLOWS:

- (1) - 2 3/8" BULL PLUG (.62')
- (1) - 2 3/8" 10' TBG PUP
- (1) - 2 3/8" PGA-1 (31.52') SLOTS 15' BELOW UPSET
- (1) - 2 3/8" X 1.78 SEAT-NIPPLE (1.10')
- (173)- 2 3/8" 4.7# J-55 TBG (5437.29')
- (1) - 7-1/16" TUBING HANGER

**EOT @ 5493.53'**

SEAT NIPPLE @ 5451.39'

PBD @ 5535'

R/D RIG FLOOR, N/D BOP, N/U WELLHEAD.

PICK UP PUMP, STROKE TEST AT SURFACE. P/U REFURBISHED ROD STRING. SPACE OUT AND SEAT PUMP.

- (1) - 1" X 8' STRAINER NIPPLE
- (1) - 2" X 1 1/4" X 9' X 13' RHAC-Z HVR #HIL1170
- (1) - 3/4" X 8' GUIDED PONY ROD.
- (1) - 21K SHEAR TOOL.
- (10) - 1 1/4" SINKER BARS
- (206)- 3/4" SLICK RODS
- (1)- 3/4" X 6' PONY RODS.
- (1)- 22' X POLISH ROD.

LOAD TUBING WITH 18 BBLs OF FW, PRESSURE TEST TO 1000 PSI. GOOD TEST. BLEED DOWN PRESSURE TO 200 PSI, LONG STROKE PUMP WITH RIG UP TO 1000 PSI, BLEED OFF PRESSURE. PRESSURE TEST WITNESSED BY JOHN R. CLAMP OFF RODS.

R/D RIG AND PREP TO MOVE.

SISW. SECURE WELL. DEBRIEF CREW.

CREW TRAVEL TO YARD.



# Well Operations Summary L48

**Well Name: RIDDLE #1B**

**API: 3004530043**

**Field: BLANCO MESAVERDE (PRORATED GAS)**

**State: NEW MEXICO**

**Sundry #:**

**Rig/Service: RIGLESS 1**

Report Number 11	Report Start Date 5/15/2025	Report End Date 5/15/2025
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Operation

MOVE IN IDEAL COMPLETIONS EQUIPMENT. R/U SEPARATION EQUIPMENT. FLOWBACK WELL TO FLARE. MONITOR O2 CONTENT. SELLABLE GAS ACHIEVED. FLOW GAS TO SALES LINE FOR 4 HOURS. SIW. TURN WELL OVER TO PRODUCTION. RDMO IDEAL COMPLETIONS EQUIPMENT.



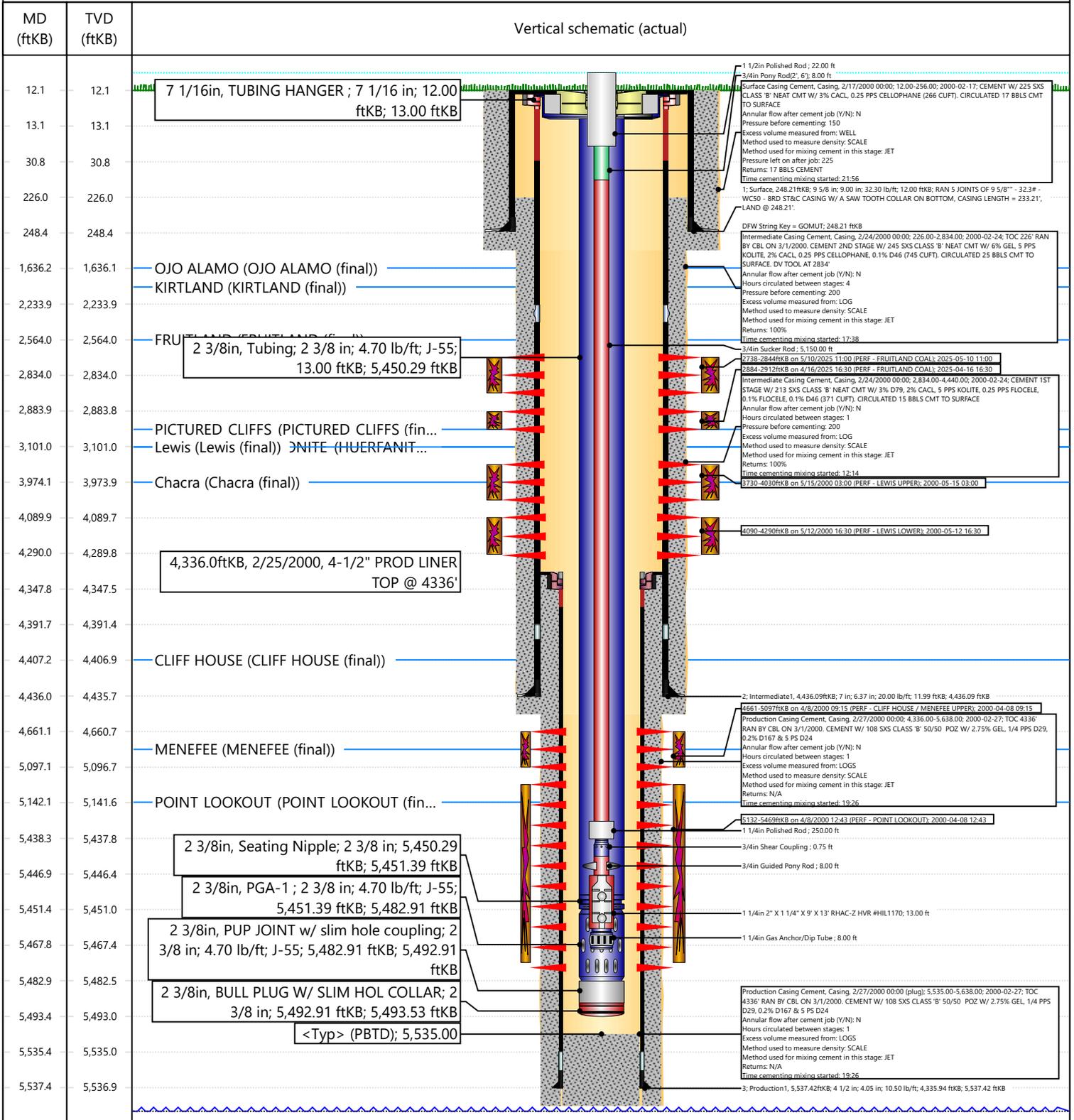
### Current Schematic - Version 3

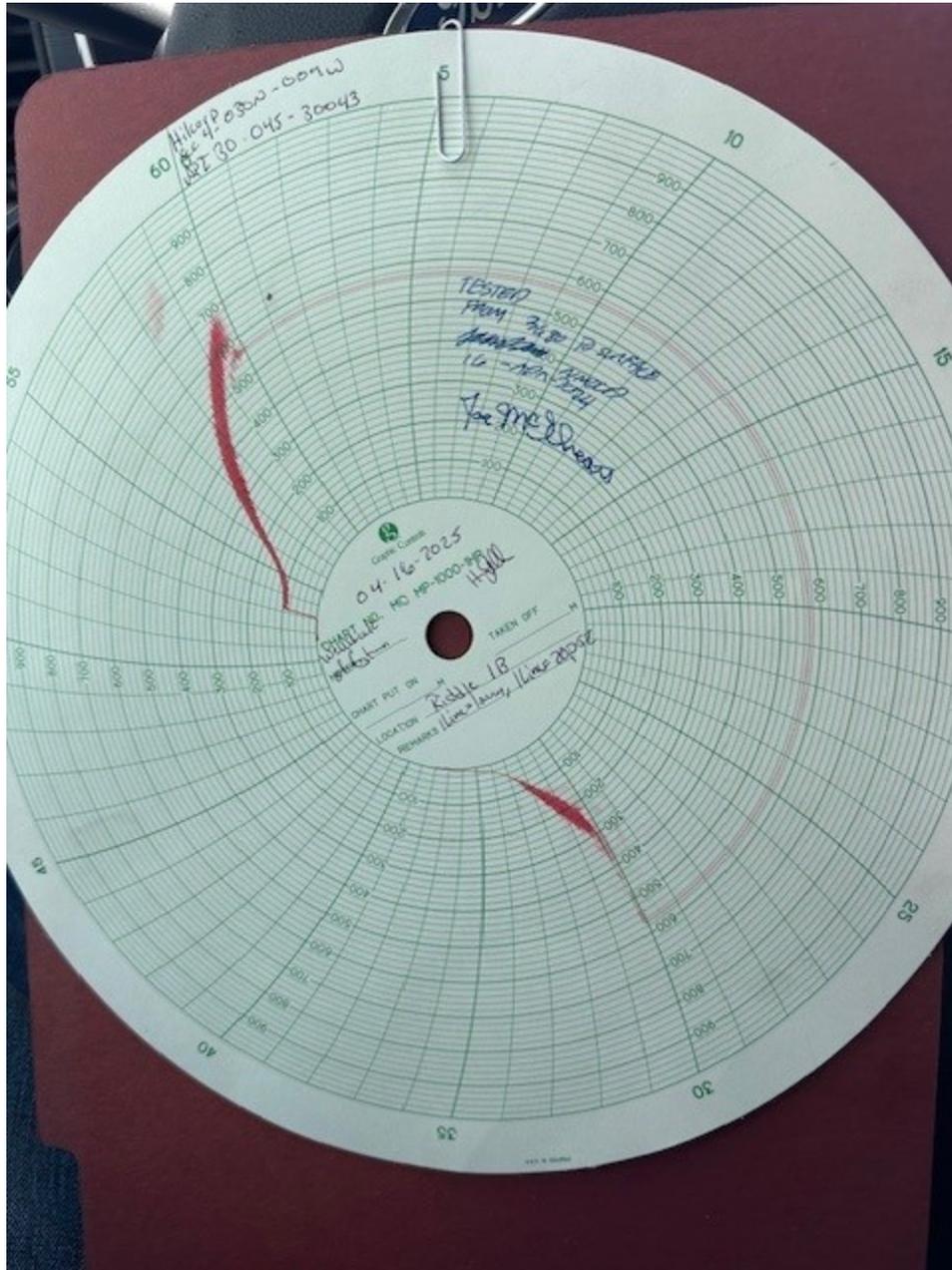
Well Name: RIDDLE #1B

API / UWI 3004530043	Surface Legal Location 004-030N-009W-K	Field Name BLANCO MESAVERDE (PRORATED GAS)	Route 0408	State/Province NEW MEXICO	Well Configuration Type Vertical
Ground Elevation (ft) 6,146.00	Original KB/RT Elevation (ft) 6,158.00	Tubing Hanger Elevation (ft)	RKB to GL (ft) 12.00	KB-Casing Flange Distance (ft)	KB-Tubing Hanger Distance (ft)

Tubing Strings					
Run Date 5/14/2025 11:00	Set Depth (ftKB) 5,493.53	String Max Nominal OD (in) 2 3/8	String Min Nominal ID (in) 2.00	Weight/Length (lb/ft) 4.70	Original Spud Date 2/16/2000 17:00

### Original Hole, 30045300430000 [Vertical]







# NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

## MECHANICAL INTEGRITY TEST REPORT (TA OR UIC)

Date of Test 16-APR-2025 Operator HILCORP API # 30-0 45-30047

Property Name RIDDLE Well # 1B Location: Unit 15 Sec 4 Twn 30 Rge 9

Land Type:

State \_\_\_\_\_  
Federal  \_\_\_\_\_  
Private \_\_\_\_\_  
Indian \_\_\_\_\_

Well Type:

Water Injection \_\_\_\_\_  
Salt Water Disposal \_\_\_\_\_  
Gas Injection \_\_\_\_\_  
Producing Oil  \_\_\_\_\_  
Pressure observation \_\_\_\_\_

Temporarily Abandoned Well (Y/N): \_\_\_\_\_ TA Expires: \_\_\_\_\_

Casing Pres. \_\_\_\_\_ Tbg. SI Pres. \_\_\_\_\_ Max. Inj. Pres. \_\_\_\_\_  
Bradenhead Pres. \_\_\_\_\_ Tbg. Inj. Pres. \_\_\_\_\_  
Tubing Pres. \_\_\_\_\_  
Int. Casing Pres. \_\_\_\_\_

Pressured annulus up to \_\_\_\_\_ psi. for \_\_\_\_\_ mins. Test passed/failed

REMARKS: TESTED FROM 3680 TO 44FACE.  
1000 PSI SPRING (60 MINUTE CLOCK THE CABLE WAS  
PRESSURED UP TO 565 PSI AND PRESSURE HELD FOR  
106 MIN TEST

By Joe M. [Signature]  
(Operator Representative)

Witness [Signature]  
(NMOCD)

(Position)

Revised 02-11-02



# NEW MEXICO ENERGY, MINERALS & NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION  
AZTEC DISTRICT OFFICE  
1800 RIO BRAZOS ROAD  
AZTEC NM 87410  
(505) 334-6178 FAX: (505) 334-6179  
<http://wwwrd.state.nm.us/ocd/District/823/district.htm>

## BRADENHEAD TEST REPORT

(submit 1 copy to above address)

Date of Test 16-APR-2025 Operator H16 CORP API #30-0 45-30043

Property Name PLINKLE Well No. 115 Location: Unit 4 Section 4 Township 30 Range 9

Well Status (Shut-In or Producing) Initial PSI: Tubing 0 Intermediate NA Casing 0 Bradenhead 0

OPEN BRADENHEAD AND INTERMEDIATE TO ATMOSPHERE INDIVIDUALLY FOR 15 MINUTES EACH

### PRESSURE

Testing TIME	Bradenhead			INTERM	
	SH	Int	Csg	Int	Csg
5 min	0	NA	0		
10 min	0		0	NA	
15 min	0		0		
20 min					
25 min					
30 min					

### FLOW CHARACTERISTICS

	BRADENHEAD	INTERMEDIATE
Steady Flow		
Surges		
Down to Nothing		
Nothing	X	NA
Gas		
Gas & Water		
Water		

If bradenhead flowed water, check all of the descriptions that apply below:

CLEAR \_\_\_\_\_ FRESH \_\_\_\_\_ SALTY \_\_\_\_\_ SULFUR \_\_\_\_\_ BLACK \_\_\_\_\_

5 MINUTE SHUT-IN PRESSURE BRADENHEAD 0 INTERMEDIATE NA

REMARKS:  
\_\_\_\_\_  
\_\_\_\_\_

By [Signature]  
(Position)

Witness [Signature]

E-mail address \_\_\_\_\_

Sante Fe Main Office  
Phone: (505) 476-3441

General Information  
Phone: (505) 629-6116

Online Phone Directory  
<https://www.emnrd.nm.gov/ocd/contact-us>

**State of New Mexico**  
**Energy, Minerals and Natural Resources**  
**Oil Conservation Division**  
**1220 S. St Francis Dr.**  
**Santa Fe, NM 87505**

ACKNOWLEDGMENTS

Action 468830

**ACKNOWLEDGMENTS**

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 468830
	Action Type: [C-104] Completion Packet - New Well (C-104NW)

**ACKNOWLEDGMENTS**

<input checked="" type="checkbox"/>	I hereby certify that the required Water Use Report has been, or will be, submitted for this wells completion.
<input checked="" type="checkbox"/>	I hereby certify that the required FracFocus disclosure has been, or will be, submitted for this wells completion.
<input checked="" type="checkbox"/>	I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

Sante Fe Main Office  
Phone: (505) 476-3441

General Information  
Phone: (505) 629-6116

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**State of New Mexico**  
**Energy, Minerals and Natural Resources**  
**Oil Conservation Division**  
**1220 S. St Francis Dr.**  
**Santa Fe, NM 87505**

CONDITIONS

Action 468830

**CONDITIONS**

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 468830
	Action Type: [C-104] Completion Packet - New Well (C-104NW)

**CONDITIONS**

Created By	Condition	Condition Date
plmartinez	None	5/30/2025