Form 3160-5 (October 2024)

UNITED STATES DEPARTMENT OF THE INTERIOR

FORM APPROVED
OMB No. 1004-0220
Expires: October 31, 2027

	EAU OF LAND MAN	5. Lease Serial No.				
Do not use this t	IOTICES AND REPO form for proposals t Use Form 3160-3 (A	6. If Indian, Allottee or Tribe Name				
SUBMIT IN	TRIPLICATE - Other instru	7. If Unit of CA/Agreement,	Name a	and/or No.		
1. Type of Well Oil Well Gas W	Vell Other			8. Well Name and No.		
2. Name of Operator				9. API Well No.		
3a. Address		3b. Phone No.	(include area code)	10. Field and Pool or Explora	atory A	rea
4. Location of Well (Footage, Sec., T., K	R.,M., or Survey Description)			11. Country or Parish, State		
12. CHE	CK THE APPROPRIATE B	OX(ES) TO INI	DICATE NATURE	OF NOTICE, REPORT OR OT	HER D	PATA
TYPE OF SUBMISSION			TYP	E OF ACTION		
Notice of Intent Subsequent Report Final Abandonment Notice 13. Describe Proposed or Completed O the proposal is to deepen directiona the Bond under which the work will completion of the involved operation	Ily or recomplete horizontall be perfonned or provide the	New Plug Plug rtinent details, in ly, give subsurfa e Bond No. on fi	aulic Fracturing Construction and Abandon Back neluding estimated ce locations and me le with BLM/BIA.	easured and true vertical depths Required subsequent reports m	ork and of all pust be f	pertinent markers and zones. Attach iled within 30 days following
14. I hereby certify that the foregoing is	true and correct. Name (Pri	intad/Timad)				
14. I hereby certify that the foregoing is	true and correct. Name (Pri	nted/Typed)	Title			
Signature			Date			
	THE SPACE	FOR FEDI	ERAL OR STA	ATE OFICE USE		
Approved by			Title		Date	
Conditions of approval, if any, are attackertify that the applicant holds legal or which would entitle the applicant to con	equitable title to those rights		or			
Title 18 U.S.C Section 1001 and Title 4	3 U.S.C Section 1212, make	it a crime for an	v person knowingl	v and willfully to make to any o	lepartm	ent or agency of the United States

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)

Ridge Unit 128H 30-045-38427 Bull Head Remedial Cementing Procedure

378 Base of surf casing MD KB

Depth estimated to top of cmt 740 (possible top of cement is 740' MD)

Cement:	Туре	Weight (ppg)	Yield (cuft/sk)	Water (gal/sk)	% Excess	Planned TOC (ft MD)	Total Cmt (sx)	Total Cmt (cu ft)	Total Cmt (bbls)
Tail	Type III	14.6	1.370	6.64	300%	0	279	382	68
Annular Capacity	0.43407	cuft/ft	7" casing x 9-5/8	" casing annulus			Shoe Track L	0	
	0.1503	cuft/ft	7" casing x 8-3/4	" hole annulus			9-5/8" Casing ID	8.921	
							Hole size inches	8.75	

Calculated cement volumes assume gauge hole and the excess noted in table

Tail ASTM Type III

Drake Intermediate Bullhead Cementing Program

	Burst (psi)	Collapse (psi)	Depth (ft)	OD (in)	ID (in)
9-5/8" surface casing	3520	2020	354.3	9.625	8.921
7" Intermediate Casing	4980	4320	5982	7	6.276

- 1 RU Drake, tie onto 7" x 9-5/8" annulus
- 2 Test lines to 1,500 psi, set as max pressure
- 3 Establish inj rate with FW, min 1 bpm, max 3 bpm
- 4 Mix & pump cement @ 1 to 2 bpm
- 5 Displace w/<1/4 bbl FW

From: Greg Olson
To: Clay McDonald

Cc: <u>Jennifer Korinek</u>; <u>Chris Longwell</u>; <u>Sean Owens</u>; <u>Shaw-Marie Ford</u>

Subject: FW: Remediation recommendations Ridge Unit 124 pad - Ridge Unit 128H

Date: Friday, September 26, 2025 9:01:01 AM

Attachments: RIDGE UNIT 128H.tif

RIDGE UNIT 128H.pdf

Remediation recommendations.xlsx
Ridge Unit 128H remedial cementing.xlsx

Morning Clay,

The attached information was sent to both Virgil Lucero with the BLM (approved 9/25/25 6:31 PM, email) and Ward Rikala with the NMOCD (approved 9/25/25 2:07 PM email) and both have approved the proposed remediation procedures that are attached. A CBL will be required after completing the remediation procedure.

Thank you,

Greg Olson

Enduring Resources

golson@enduringresources.com

(303) 408-4097 cell

(303) 350-5117 office

From: Greg Olson

Sent: Thursday, September 25, 2025 9:31 AM

To: Rikala, Ward, EMNRD < Ward.Rikala@emnrd.nm.gov>; vlucero@blm.gov **Subject:** Remediation recommendations Ridge Unit 124 pad - Ridge Unit 128H

Good Morning Ward / Virgil,

Attached is the CBL and remediation summary and recommendation for the 7" intermediate casing on one of three Ridge Unit 124 pad wells – Ridge Unit 128H. To attempt to avoid a future leak path, I'd recommend bullheading first on this well. If further remediation is needed after re-logging and examining the CBL, we can take additional action.

Thank you,

Greg Olson

Enduring Resources

golson@enduringresources.com

MD (ft KB)

1,357

1,472

1,718

2,018

2,146

2,464

3,593

3,608

4,450

4.679

5,045

5,125

5,256

5,344

5,419

5.507

5,577

5,714

5,783

5,929

5,714

17,557

WELL NAME: Ridge Unit 128H

OBJECTIVE: Drill, complete, and equip single lateral in the Mancos-H formation

API Number: 30-045-38427 AFE Number: DV03132 ER Well Number: NM08392.01 State: New Mexico

County: San Juan

Surface Elev.: 6,923 ft ASL (GL) 6,947 ft ASL (KB)

 Surface Location:
 25-24-8
 Sec-Twn- Rng
 2,371
 ft FNL
 1,272
 ft FEL

 BH Location:
 14-24N-8
 Sec-Twn- Rng
 664
 ft FSL
 231
 ft FWL

Driving Directions: FROM THE INTERSECTION OF US HWY 550 & US HWY 64 IN BLOOMFIELD, NM:

South on US Hwy 550 for 43.5 miles to MM 108.3; Left (North) on CR 7998 for 1.0 miles to fork; Left (NorthWest) exiting CR 7998 for 0.2 miles to fork; Right/Straight (NorthWest) for 0.4 miles to fork; Right/Straight (NorthEast) for 0.3 miles to access road on right; Right (East) for 0.5 miles on access road to the Ridge Unit 124H Pad. There are four wells on this location, From East to West: 124H, 127H, 128H, 129H).

WELL CONSTRUCTION SUMMARY:

	Hole (in)	TD MD (ft)	Csg (in)	Csg (lb/ft)	Csg (grade)	Csg (conn)	Csg Top (ft)	Csg Bot (ft)
Surface	12.250	350	9.625	36	J-55	STC	0	350
Intermediate	8.750	6,010	7	26.0	J-55	LTC	0	6,010
Production	6.125	17,557	4.500	11.6	P-110	BTC	5,860	17,557

CEMENT PROPERTIES SUMMARY:

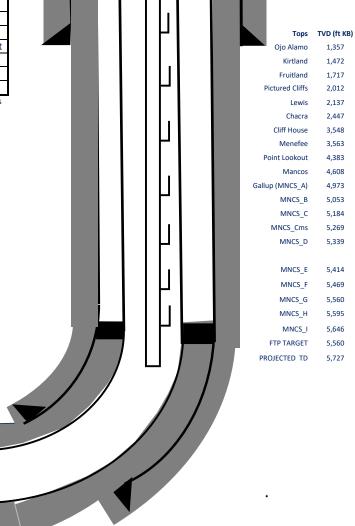
					Hole Cap.		TOC	
	Туре	Wt (ppg)	Yd (cuft/sk)	Wtr (gal/sk)	(cuft/ft)	% Excess	(ft MD)	Total (sx)
Surface	TYPE I-II	14.5	1.61	7.41	0.3132	50%	0	114
Inter. (Lead)	III:POZ Blend	12.5	2.15	12.05	0.1668	180%	0	855
Inter. (Tail)	Type III	13.5	1.71	8.88	0.1503	30%	4,579	169
Prod. (Lead)	tegraGuard St	10	0.000	35.7	0.1044	0%	0	20 bbls
Prod. (Tail)	G:POZ blend	13.3	1.520	7.5	0.0873	35%	5,860	978

COMPLETION / PRODUCTION SUMMARY:

Frac: 49 Frac Stages, 188000 bbls slick water, 15270000 lbs proppant Flowback: Flow back through production tubing as pressures allow

Production: Produce through production tubing via gas-lift into permanent production and storage facilities

QUICK REFERENCE									
Sur TD (MD)	350	ft							
Int TD (MD)	6,010	ft							
KOP (MD)	5,160	ft							
KOP (TVD)	5,088	ft							
Target (TVD)	5,560								
Curve BUR	10	°/100 ft							
POE (MD)	5,714	ft							
TD (MD)	17,557	ft							
Lat Len (ft)	11,843	ft							



MD (ft KB)

1,357

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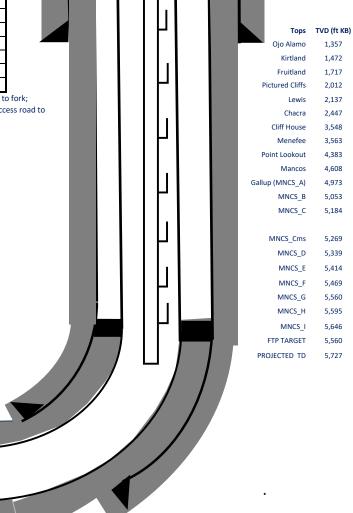
					Hole Cap.		TOC	
	Туре	Wt (ppg)	Yd (cuft/sk)	Wtr (gal/sk)	(cuft/ft)	% Excess	(ft MD)	Total (sx)
Surface	TYPE I-II	14.5	1.61	7.41	0.3132	50%	0	114
Inter. (Lead)	III:POZ Blend	12.5	2.15	12.05	0.2148	140%	1000	628
Inter. (Tail)	Type III	13.5	1.71	8.88	0.2148	30%	4579	169
Inter. (Lead)	III:POZ Blend	12.5	2.15	12.05	0.1503	140%	0	119
Inter. (Tail)	Type III	13.5	1.71	8.88	0.2148	100%	900	18
0	tegraGuard St	10	0.000	35.7	0.1044	0%	0	20 bbls
Prod. (Tail)	G:POZ blend	13.3	1.520	7.50	0.0873	35%	5,860	978

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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

CONDITIONS

Action 532730

CONDITIONS

Operator:	OGRID:
ENDURING RESOURCES, LLC	372286
6300 S Syracuse Way	Action Number:
Centennial, CO 80111	532730
	Action Type:
	[C-103] NOI Workover (C-103G)

CONDITIONS

Created By	Condition	Condition Date
andrew.fordyc	A Cement Bond Log (CBL) is required to be submitted to electronic permitting.	12/10/2025