

Well Name: RINCON UNIT	Well Location: T27N / R7W / SEC 14 / SWNE / 36.577866 / 107.541092	County or Parish/State: RIO ARRIBA / NM
Well Number: 78	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMNM012209	Unit or CA Name: RINCON UNIT--MV	Unit or CA Number: NMNM78406C
US Well Number: 3003907081	Well Status: Producing Gas Well	Operator: ENDURING RESOURCES LLC

Subsequent Report

Type of Submission: Subsequent Report	Type of Action: Plug and Abandonment
Date Sundry Submitted: 05/05/2021	Time Sundry Submitted: 03:02
Date Operation Actually Began: 04/12/2021	

Actual Procedure: This well was plugged and abandoned on 4/12/21. See attached summary of operations and well bore schematic.

SR Attachments

Actual Procedure

- RINCON_UNIT_078_P_A_WBD_04122021_20210505150132.pdf
- RINCON_UNIT_78_PA_SUMMARY_FOR_SUBSEQUENT_20210505150035.pdf

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US Well Number: 3003907081	Well Status: Producing Gas Well	Operator: ENDURING RESOURCES LLC

Operator Certification

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 submission of Form 3160-5 or a Sundry Notice.

Operator Electronic Signature: HEATHER HUNTINGTON	Signed on: MAY 05, 2021 03:01 PM
Name: ENDURING RESOURCES LLC	
Title: Permitting Technician	
Street Address: 200 Energy Court	
City: Farmington	State: NM
Phone: (505) 636-9751	
Email address: HHUNTINGTON@ENDURINGRESOURCES.COM	

Field Representative

Representative Name:		
Street Address:		
City:	State:	Zip:
Phone:		
Email address:		

BLM Point of Contact

BLM POC Name: ABDELGADIR ELMADANI	BLM POC Title: Petroleum Engineer
BLM POC Phone: 5055647742	BLM POC Email Address: aelmadani@blm.gov
Disposition: Accepted	Disposition Date: 05/10/2021
Signature: AG Elmadani	

RINCON UNIT 078 PLUG AND ABANDON JOB SUMMARY

11/11/2020 MIRU AWS Rig #840. NU BOPE. TOOH & LD 2-3/8" prod tbg. PU 5-1/2" csg scraper & 2-7/8" work-string. TIH to 4,818'. TOOH to 2,165'.

11/12/2020 Cont. TOOH w/5-1/2" csg scraper. PU & TIH w/5-1/2" CICR. Set CICR @ 4,778'. Load hole. Pressure test csg. Good test. RD. SDFN.

11/13/2020 Move AWS Rig #840 to new location.

4/1/2021 MIRU AWS Rig #481. Check pressures. Appears CR for Plug #1 failed. Attempt to load hole with 20 bbls. Did not fill. MIRU WL & RIH to tag CICR. Tag @ 4,777'. RIH w/WL-set CICR & set @ 4,775' for plug #1. Load hole. BLM Representative Casey Arnett on location to witness P&A operations.

4/2/2021 Run CBL from 4,775' to surface. PU work-string & TIH to 661'. Circulate fresh water. TOOH. Re-log from 700' to surface. Pressure test casing to 600 psig. Test good. PU & TIH w/work-string to 4,775'. Pump Plug #1 (Point Lookout Perfs, Cliffhouse Perfs, Cliffhouse Top). TOOH. BLM Representative Casey Arnett on location to witness P&A operations.

4/5/2021 RIH & perforate @ 4,175' for Plug #2. TIH w/CICR & set @ 4,124'. Pump Cement Plug #2 (Chacra Top) inside/outside 5-1/2" casing. TOOH. RIH & perforate @ 3,280' for Plug #3. TIH w/CICR & set @ 3,240'. Pump Cement Plug #3 (Int csg shoe, Pictured Cliffs Top, Fruitland Top) inside/outside 5-1/2" casing. TOOH. RIH & perforate @ 2,559' for Plug #4. TIH w/CICR & set @ 2,520'. Pump Cement Plug #4 (Kirtland Top) inside/outside 5-1/2" casing. TOOH. BLM Representative Casey Arnett on location to witness P&A Operations. Discuss & receive approval for adjusted plan forward based on CBL results with Casey Arnett (BLM), Virgil Lucero (BLM), and Monica Kuehling (NMOCD).

4/6/2021 TIH & tag Plug #4. Depth OK. TOOH. MU mechanical csg cutter & TIH to cut 5-1/2" csg. Successful cut on 3rd attempt @ 2,270'. Circulate 80 bbls fresh water down 5-1/2" csg & up 5-1/2" x 7-5/8" csg annulus. TOOH & LD cutter.

4/7/2021 Spear 5-1/2" csg. Cut off csg & tbg head. NU DSA, spools, BOP. TOOH & LD 5-1/2" csg w/csg crew.

4/8/2021 Run csg scraper in 7-5/8" csg to 5-1/2" csg stub. Run CBL on 7-5/8" csg. Pressure test 7-5/8" csg. Good test. TIH w/work-string to 2,330'. Pump Plug #5 (Casing Stub, Ojo Alamo Top). PUH. Pump Plug #6 (Nacimiento Top). TOOH. BLM Representative Casey Arnett on location to witness P&A operations.

4/9/2021 TIH & tag Plug #6. Pump Plug #6A (Nacimiento Top). TOOH & WOC. TIH & Tag Plug #6A. TOOH. RIH w/WL & perf for Plug #6B (Nacimiento Top) @ 1,190'. No injection, no circulation into squeeze holes. Pump Plug #6B (Nacimiento Top). TOOH & WOC. TIH & Tag Plug #6B. TOOH. RIH w/WL & perf for Plug #7 (surface csg shoe, surface) @ 232'. Establish circulation. TIH w/CICR & set @ 177'. BLM Representative Casey Arnett on location to witness P&A operations.

4/12/2021 Pump Plug #7 (surface csg shoe, surface). TOOH & LD work-string. Cut off wellhead. Install P&A marker. Top off csg & annulus w/cement. RDMO AWS Rig #481 & cement equipment. BLM Representative Casey Arnett on location to witness P&A Operations.

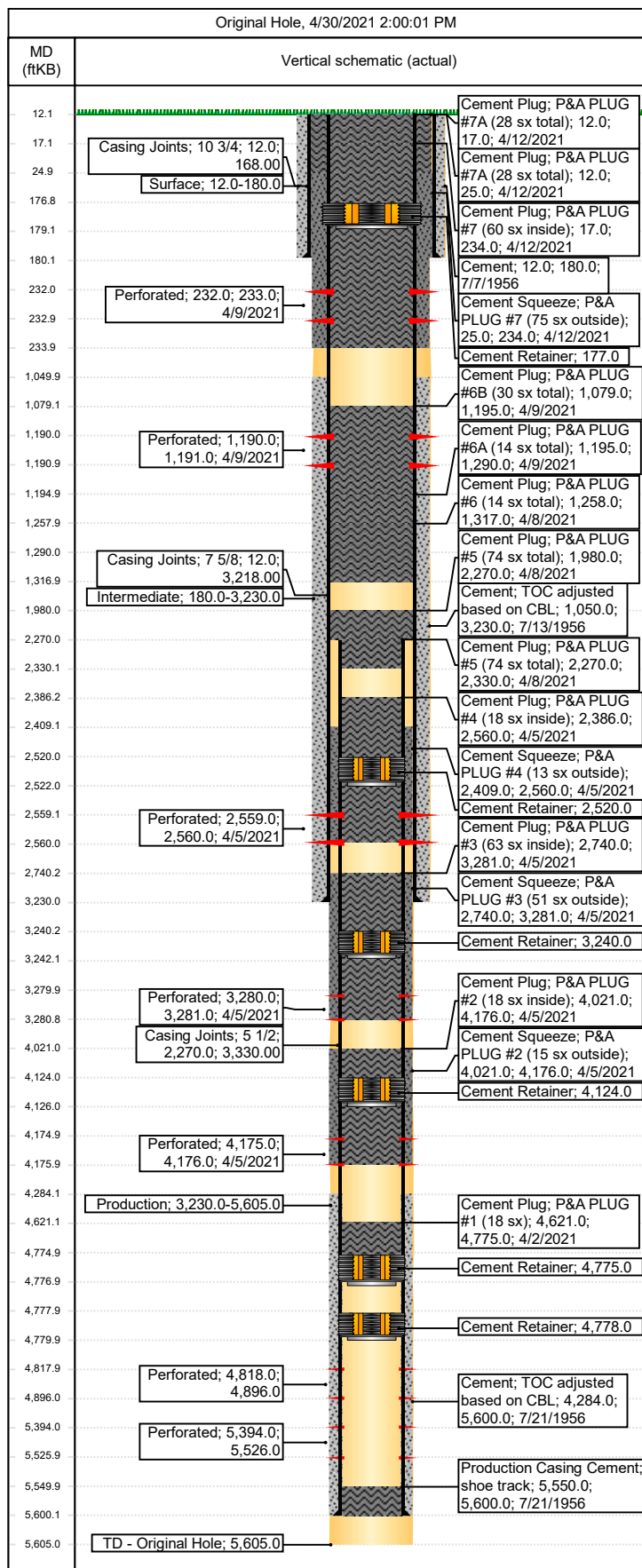
Plug Summary can be found on well bore diagram.



Enduring Resources IV - P&A WBD

Well Name: RINCON UNIT 78

API/UWI 30-039-07081	Surface Legal Location	Field Name blanco	License #	State/Province	Well Configuration Type
Original KB Elevation (ft) 6,595.00	KB-Tubing Head Distance (ft)	Spud Date 7/7/1956 00:00	Rig Release Date	PBTD (All) (ftKB)	Total Depth All (TVD) (ftKB)



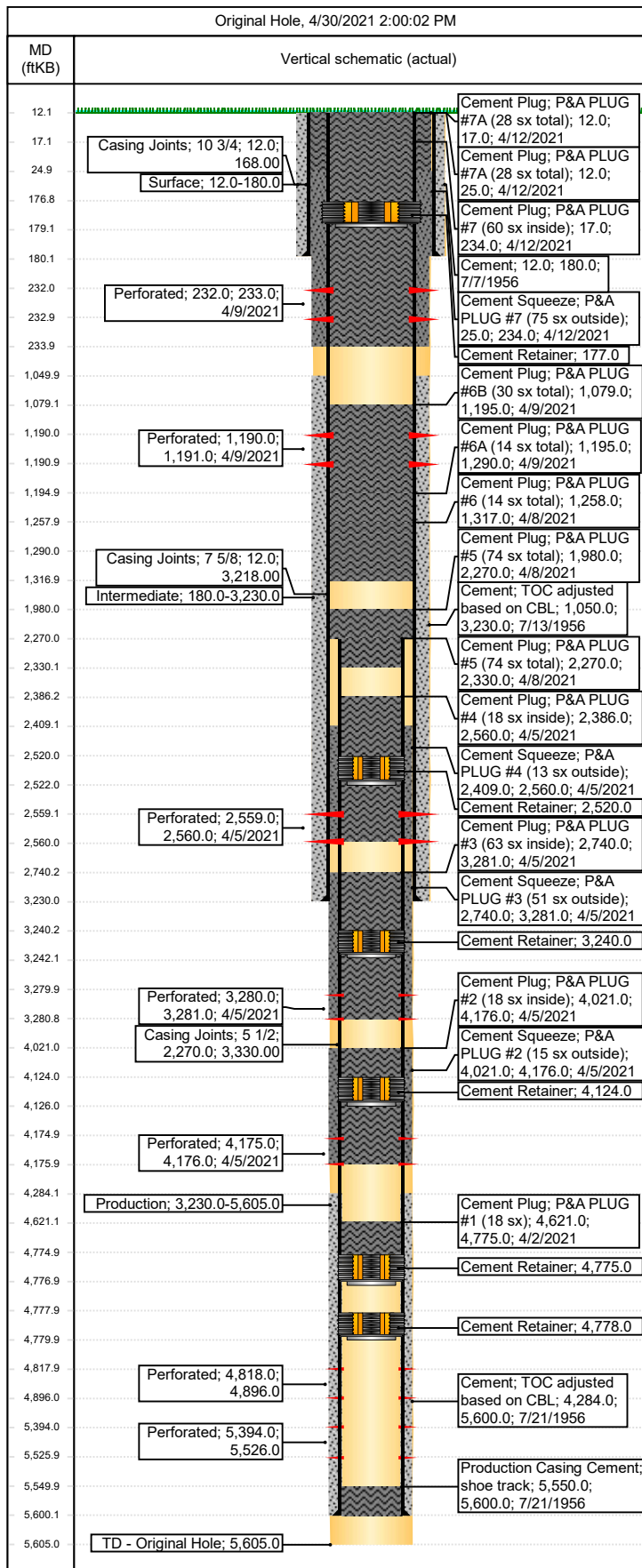
Wellbore Sections					
Section Description	Size (in)	Act Top (ft...	Act Top (T...	Act Btm (ft...	Act Btm (T...
Surface	12 1/4	12.0		180.0	
Section Description	Size (in)	Act Top (ft...	Act Top (T...	Act Btm (ft...	Act Btm (T...
Intermediate	9 5/8	180.0		3,230.0	
Section Description	Size (in)	Act Top (ft...	Act Top (T...	Act Btm (ft...	Act Btm (T...
Production	6 3/4	3,230.0		5,605.0	
10 3/4 in casing, 180.0ftKB					
OD (in)	Wt/Len (lb/ft)	String Grade	Top Connection	Top (ftKB)	Set Depth (ftKB)
10 3/4	32.75	H-40	ST&C	12.0	180.0
Item Des		Jts	Len (ft)	Top (ftKB)	Btm (ftKB)
Casing Joints		4	168.00	12.0	180.0
7 5/8 in casing, 3,230.0ftKB					
OD (in)	Wt/Len (lb/ft)	String Grade	Top Connection	Top (ftKB)	Set Depth (ftKB)
7 5/8	26.40	J-55	ST&C	12.0	3,230.0
Item Des		Jts	Len (ft)	Top (ftKB)	Btm (ftKB)
Casing Joints		102	3,218.00	12.0	3,230.0
5 1/2 in casing, 5,600.0ftKB					
OD (in)	Wt/Len (lb/ft)	String Grade	Top Connection	Top (ftKB)	Set Depth (ftKB)
5 1/2	15.50	J-55	LT&C	2,270.0	5,600.0
Item Des		Jts	Len (ft)	Top (ftKB)	Btm (ftKB)
Casing Joints		105	3,330.00	2,270.0	5,600.0
Other In Hole					
Description	Run Date	Top (ftKB)	Btm (ftKB)	Comment	
Cement Retainer	11/12/2020	4,778.0	4,780.0	CICR for base of Plug #1	
Description	Run Date	Top (ftKB)	Btm (ftKB)	Comment	
Cement Retainer	4/1/2021	4,775.0	4,777.0	CICR for base of Plug #1	
Description	Run Date	Top (ftKB)	Btm (ftKB)	Comment	
Cement Retainer	4/5/2021	4,124.0	4,126.0	CICR for Plug #2	
Description	Run Date	Top (ftKB)	Btm (ftKB)	Comment	
Cement Retainer	4/5/2021	3,240.0	3,242.0	CICR for Plug #3	
Description	Run Date	Top (ftKB)	Btm (ftKB)	Comment	
Cement Retainer	4/5/2021	2,520.0	2,522.0	CICR for Plug #4	
Description	Run Date	Top (ftKB)	Btm (ftKB)	Comment	
Cement Retainer	4/9/2021	177.0	179.0	CICR for Plug #7	
Cement					
Surface Casing Cement, Casing, 7/7/1956 00:00					
Comment			Cementing Start Date	Cementing End Date	
Cmt w/125 sx, circ cmt to surf			7/7/1956	7/7/1956	
Top Depth (ftKB)		Bottom Depth (ftKB)			
12.0		180.0			
Intermediate Casing Cement, Casing, 7/13/1956 00:00					
Comment			Cementing Start Date	Cementing End Date	
Cmt w/250 sx, no cmt to surf, TOC @ 1,865' by TS			7/13/1956	7/13/1956	
TOC @ 1,050' per CBL (4/8/2021)					
Top Depth (ftKB)		Bottom Depth (ftKB)			
1,050.0		3,230.0			
Production Casing Cement, Casing, 7/21/1956 00:00					
Comment			Cementing Start Date	Cementing End Date	
Cmt w/300 sx, no cmt to surf, TOC @ 3,120' by TS			7/21/1956	7/21/1956	
TOC @ 4,284' per CBL (4/2/2021)					
Top Depth (ftKB)		Bottom Depth (ftKB)			
4,284.0		5,600.0			
Production Casing Cement, Plug, 7/21/1956 00:00					
Comment			Cementing Start Date	Cementing End Date	
5-1/2" csg shoe track (5,550' - 5,600')			7/21/1956	7/21/1956	
Top Depth (ftKB)		Bottom Depth (ftKB)			
5,550.0		5,600.0			
Cement Plug, Plug, 4/2/2021 15:30					
Comment			Cementing Start Date	Cementing End Date	
Plug #1: Point Lookout Perfs, Cliffhouse Perfs, Cliffhouse Top (18 sx)			4/2/2021	4/2/2021	
Top Depth (ftKB)		Bottom Depth (ftKB)			
4,621.0		4,775.0			



Enduring Resources IV - P&A WBD

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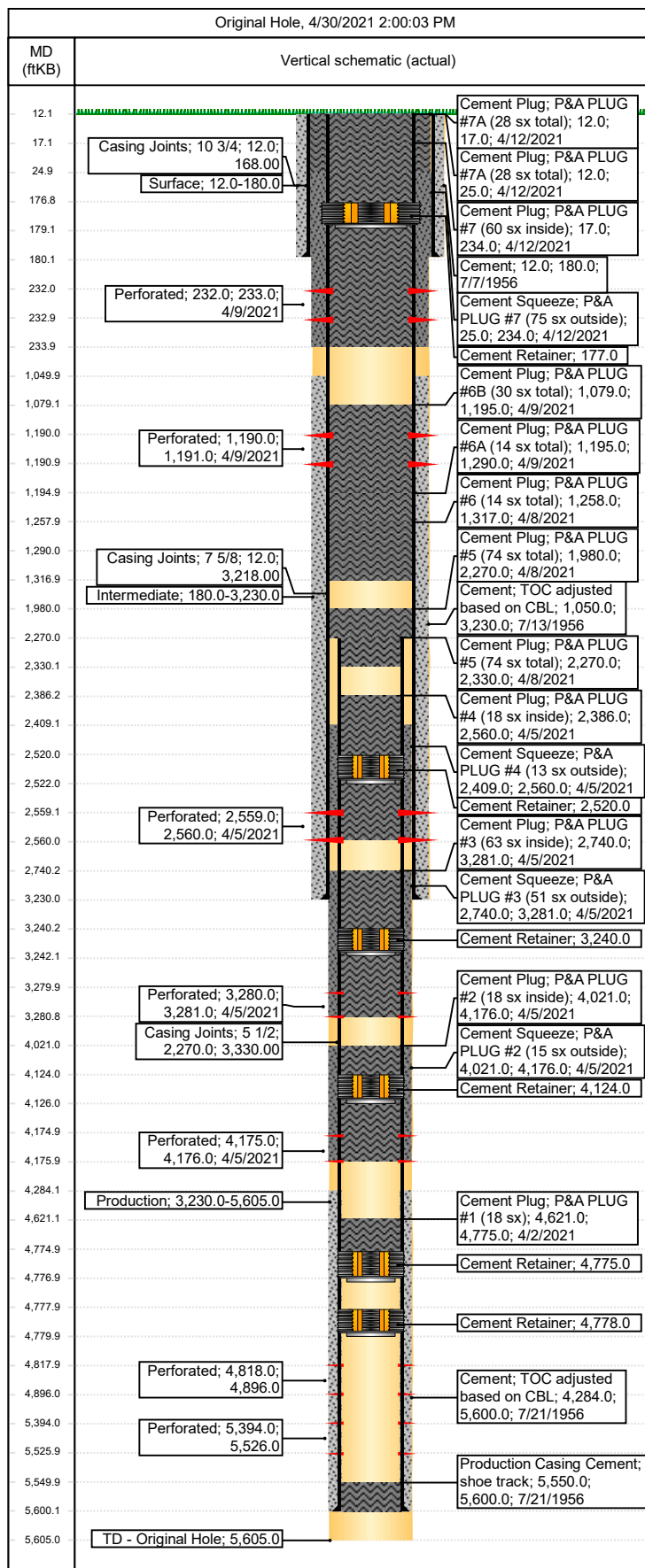
Cement		
Cement Squeeze, Casing - Remedial, 4/5/2021 10:15		
Comment Plug #2: Chacra Top (33 sx total)	Cementing Start Date 4/5/2021	Cementing End Date 4/5/2021
Top Depth (ftKB) 4,021.0	Bottom Depth (ftKB) 4,176.0	
Cement Plug, Plug, 4/5/2021 10:15		
Comment Plug #2: Chacra Top (33 sx total)	Cementing Start Date 4/5/2021	Cementing End Date 4/5/2021
Top Depth (ftKB) 4,021.0	Bottom Depth (ftKB) 4,176.0	
Cement Squeeze, Casing - Remedial, 4/5/2021 14:00		
Comment Plug #3: 7-5/8" Csg Shoe, Pictured Cliffs Top, Fruitland Top (114 sx total)	Cementing Start Date 4/5/2021	Cementing End Date 4/5/2021
Top Depth (ftKB) 2,740.0	Bottom Depth (ftKB) 3,281.0	
Cement Plug, Plug, 4/5/2021 14:00		
Comment Plug #3: 7-5/8" Csg Shoe, Pictured Cliffs Top, Fruitland Top (114 sx total)	Cementing Start Date 4/5/2021	Cementing End Date 4/5/2021
Top Depth (ftKB) 2,740.0	Bottom Depth (ftKB) 3,281.0	
Cement Squeeze, Casing - Remedial, 4/5/2021 17:00		
Comment Plug #4: Kirtland Top (31 sx total)	Cementing Start Date 4/5/2021	Cementing End Date 4/5/2021
Top Depth (ftKB) 2,409.0	Bottom Depth (ftKB) 2,560.0	
Cement Plug, Plug, 4/5/2021 17:00		
Comment Plug #4: Kirtland Top (31 sx total)	Cementing Start Date 4/5/2021	Cementing End Date 4/5/2021
Top Depth (ftKB) 2,386.0	Bottom Depth (ftKB) 2,560.0	
Cement Plug, Plug, 4/8/2021 13:30		
Comment Plug #5: 5-1/2" Csg Stub & Ojo Alamo Top (74 sx total)	Cementing Start Date 4/8/2021	Cementing End Date 4/8/2021
Top Depth (ftKB) 2,270.0	Bottom Depth (ftKB) 2,330.0	
Cement Plug, Plug, 4/8/2021 13:30		
Comment Plug #5: 5-1/2" Csg Stub & Ojo Alamo Top (74 sx total)	Cementing Start Date 4/8/2021	Cementing End Date 4/8/2021
Top Depth (ftKB) 1,980.0	Bottom Depth (ftKB) 2,270.0	
Cement Plug, Plug, 4/8/2021 15:00		
Comment Plug #6: Nacimiento Top (14 sx total)	Cementing Start Date 4/8/2021	Cementing End Date 4/8/2021
Top Depth (ftKB) 1,258.0	Bottom Depth (ftKB) 1,317.0	
Cement Plug, Plug, 4/9/2021 08:00		
Comment Plug #6A: Nacimiento Top (14 sx total)	Cementing Start Date 4/9/2021	Cementing End Date 4/9/2021
Top Depth (ftKB) 1,195.0	Bottom Depth (ftKB) 1,290.0	
Cement Plug, Plug, 4/9/2021 12:30		
Comment Plug #6B: Nacimiento Top (14 sx total)	Cementing Start Date 4/9/2021	Cementing End Date 4/9/2021
Top Depth (ftKB) 1,079.0	Bottom Depth (ftKB) 1,195.0	
Cement Squeeze, Casing - Remedial, 4/12/2021 08:00		
Comment Plug #7: 10-3/4" Csg Shoe, Surface (135 sx total)	Cementing Start Date 4/12/2021	Cementing End Date 4/12/2021
Top Depth (ftKB) 25.0	Bottom Depth (ftKB) 234.0	
Cement Plug, Plug, 4/12/2021 08:00		
Comment Plug #7: 10-3/4" Csg Shoe, Surface (135 sx total)	Cementing Start Date 4/12/2021	Cementing End Date 4/12/2021
Top Depth (ftKB) 17.0	Bottom Depth (ftKB) 234.0	



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Cement			
Cement Plug, Plug, 4/12/2021 13:45			
Comment Plug #7A: Surface Top-Off (28 sx total)		Cementing Start Date 4/12/2021	Cementing End Date 4/12/2021
Top Depth (ftKB) 12.0		Bottom Depth (ftKB) 17.0	
Cement Plug, Plug, 4/12/2021 13:45			
Comment Plug #7A: Surface Top-Off (28 sx total)		Cementing Start Date 4/12/2021	Cementing End Date 4/12/2021
Top Depth (ftKB) 12.0		Bottom Depth (ftKB) 25.0	

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 27583

CONDITIONS

Operator: ENDURING RESOURCES, LLC 6300 S Syracuse Way, Suite 525 Centennial, CO 80111	OGRID: 372286
	Action Number: 27583
	Action Type: [C-103] Sub. Plugging (C-103P)

CONDITIONS

Created By	Condition	Condition Date
mkuehling	None	10/4/2021