

Well Name: BLANCO	Well Location: T27N / R9W / SEC 12 / SWSW / 36.585434 / -107.74501	County or Parish/State: SAN JUAN / NM
Well Number: 4	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name: EASTERN NAVAJO
Lease Number: I149IND8465	Unit or CA Name:	Unit or CA Number:
US Well Number: 3004506605	Well Status: Abandoned	Operator: ENDURING RESOURCES LLC

Subsequent Report

Sundry ID: 2631017

Type of Submission: Subsequent Report

Date Sundry Submitted: 08/27/2021

Date Operation Actually Began: 07/21/2021

Type of Action: Plug and Abandonment

Time Sundry Submitted: 08:39

Actual Procedure: ASKED BY BLM REPRESENTATIVE JIMMY DOBSON TO SUBMIT A CORRECTION SUNDRY TO CORRECT DEPTHS FOR PLUG 2, 3, 4A, 5. SEE ATTACHED CORRECTED WORK SUMMARY AND CORRECTED WELL BORE SCHEMATIC DIAGRAM

SR Attachments

Actual Procedure

- BLANCO_04_P_A_WBD_FINAL_CORRECTED_20210827083821.pdf
- CORRECTED_BLANCO_004_PA_WORK_SUMMARY_2021_20210827083756.pdf

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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: AUG 27, 2021 08:38 AM
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: KENNETH G RENNICK	BLM POC Title: Petroleum Engineer
BLM POC Phone: 5055647742	BLM POC Email Address: krennick@blm.gov
Disposition: Accepted	Disposition Date: 10/20/2021
Signature: Kenneth Rennick	

BLANCO 004 30-045-06605 P&A WORK SUMMARY PLUG DEPTHS CORRECTED

7/21/2021 MIRU DWS Rig #31 & equipment. TOOH & LD 2-3/8" production tubing. Expert Slickline performed slick-line audit to check for production equipment 7/17/2021. Could not get to EOT. Set 3-slip stop @ 1,200'.

7/22/2021 TIH w/ 7" csg scraper to liner top @ 4,224'. TOOH. TIH w/5-1/2" csg scraper to 4,332'. TOOH. TIH w/5-1/2" CICR & set @ 4,291'. Load hole & circulate with fresh water. SDFN. BLM Representative Jimmy Dobson on location to witness P&A operations.

7/23/2021 TOOH. Run CBL on 5-1/2" liner from 4,291' - 4,222'. Log 7" csg from 4,222' - surface. TIH w/ workstring. Pump Plug #1 from 4,291' - 4,023'. WOC. Tag Plug #1 (OK). Attempt to pressure test 7" csg (No test). Pump Plug #2 from 3,761' - 3,540'. PUH. SDFN. SDFWE. BLM Representative Jimmy Dobson on location to witness P&A operations.

7/26/2021 Tag Plug #2 @ 3,533' (OK). PUH & Pump Plug #3 from 3,005' - 2,800'. WOC. Tag Plug #2 @ 2,823' (OK). TOOH. RIH w/WL & perf squeeze holes for Plug #4 @ 2,195'. TIH w/7" CICR on work-string & set @ 2,146'. Establish injection with water. Pump Plug #4. Pressure out before pumping full volume thru CICR. Sting out. Pump Plug #4 on top of CICR. TOOH. BLM Representative Jimmy Dobson on location to witness P&A operations.

7/27/2021 Tag Plug #4. TOOH. RIH w/WL & perforate for Plug #4A @ 1,905'. PU 7" packer & TIH. Set Packer @ 1,861'. Establish injection rate through squeeze holes (verify holes open). Note circulation up 7" x 2-3/8" annulus. Begin TOOH resetting packer & testing for casing leak. Locate casing leak between 397' & 430'. TOOH. TIH w/7" CICR & set @ 1,861'. Pump Plug #4A from 1,905' - 1,628'. TOOH. BLM Representative Jimmy Dobson on location to witness P&A operations.

7/28/2021 TIH & tag Plug #4A @ 1,568' (OK). TOOH. RIH w/WL & perforate for Plug #5 @ 1,272'. TIH w/7" CICR & set @ 1,210'. Pump Plug #5 from 1,272' - 975'. TOOH. WOC. TIH & tag Plug #5 @ 1,002' (OK). RIH w/WL & perforate for Plug #6 @ 223'. Pump Plug #6 down csg from 223' - surface. Cement returns out braden-head. Dig out & cut off well-head. Top off casing. Surface casing & production casing full to surface. Weld on P&A marker. RDMO workover rig. BLM Representative Jimmy Dobson on location to witness P&A operations.

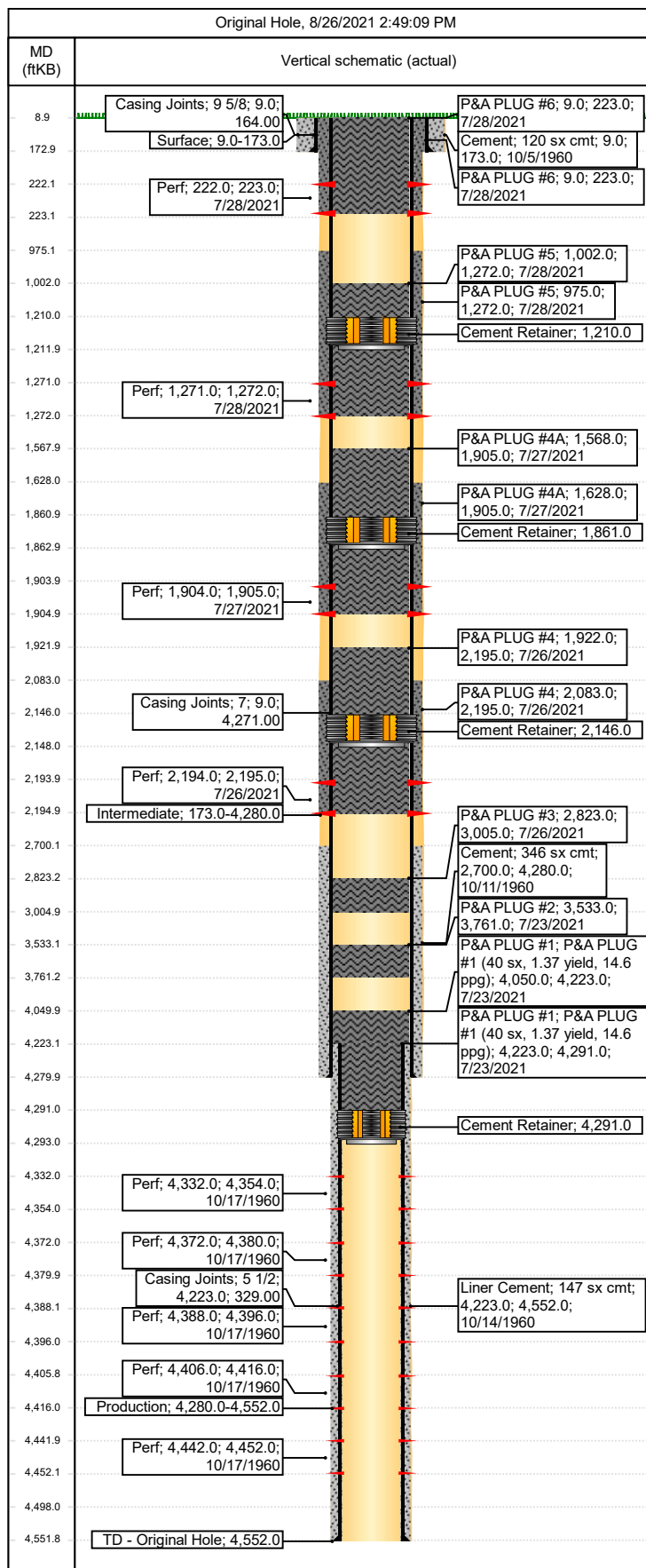
7/29/2021 Check TOC on csg (OK). Complete haul off of fluid & tanks & equipment. Secure location. BLM Representative Jimmy Dobson on location to witness P&A operations.



Enduring Resources IV - P&A WBD

Well Name: Blanco 4

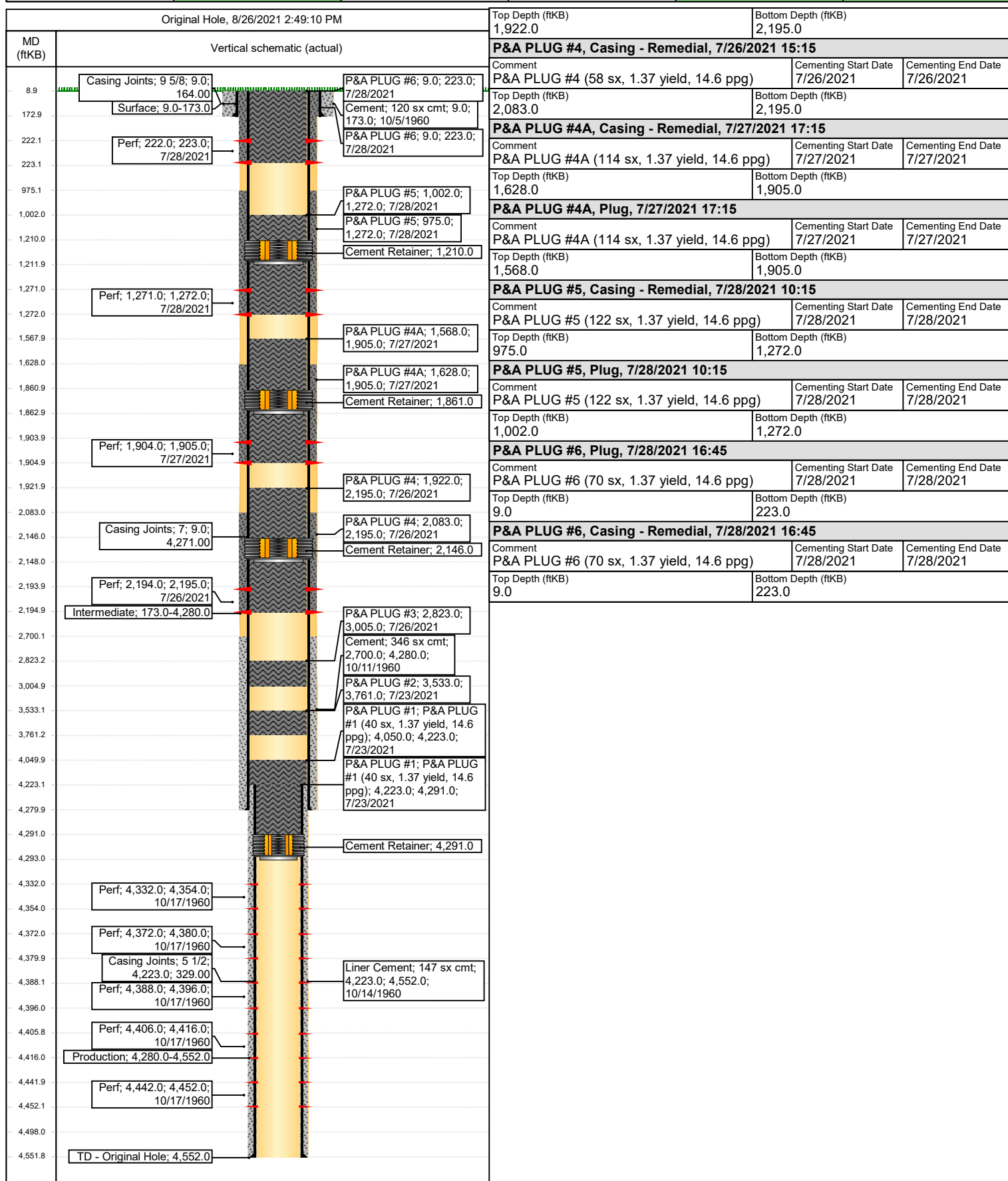
API/UWI 30-045-06605	Surface Legal Location M SW-SW, Sec 12, Twp 27N, Rng 09W, 2...	Field Name Blanco	License #	State/Province New Mexico	Well Configuration Type
Original KB Elevation (ft) 5,998.00	KB-Tubing Head Distance (ft)	Spud Date 10/5/1960 00:00	Rig Release Date	PBTD (All) (ftKB)	Total Depth All (TVD) (ftKB)



Wellbore Sections					
Section Description Surface	Size (in) 12 1/4	Act Top (ft... 9.0	Act Top (T... 173.0	Act Btm (ft... 173.0	Act Btm (T... 173.0
Section Description Intermediate	Size (in) 8 5/8	Act Top (ft... 173.0	Act Top (T... 4,280.0	Act Btm (ft... 4,280.0	Act Btm (T... 4,280.0
Section Description Production	Size (in) 6 1/2	Act Top (ft... 4,280.0	Act Top (T... 4,552.0	Act Btm (ft... 4,552.0	Act Btm (T... 4,552.0
9 5/8 in casing, 173.0ftKB					
OD (in) 9 5/8	Wt/Len (lb/ft) 32.30	String Grade H-40	Top Connection	Top (ftKB) 9.0	Set Depth (ftKB) 173.0
Item Des		Jts	Len (ft)	Top (ftKB)	Btm (ftKB)
Casing Joints		4	164.00	9.0	173.0
7 in casing, 4,280.0ftKB					
OD (in) 7	Wt/Len (lb/ft) 20.00	String Grade J-55	Top Connection	Top (ftKB) 9.0	Set Depth (ftKB) 4,280.0
Item Des		Jts	Len (ft)	Top (ftKB)	Btm (ftKB)
Casing Joints		102	4,271.00	9.0	4,280.0
5 1/2 in casing, 4,552.0ftKB					
OD (in) 5 1/2	Wt/Len (lb/ft) 15.50	String Grade J-55	Top Connection	Top (ftKB) 4,222.0	Set Depth (ftKB) 4,552.0
Item Des		Jts	Len (ft)	Top (ftKB)	Btm (ftKB)
Liner Hanger		1	1.00	4,222.0	4,223.0
Casing Joints		10	329.00	4,223.0	4,552.0
Other In Hole					
Description Cement Retainer	Run Date 7/22/2021	Top (ftKB) 4,291.0	Btm (ftKB) 4,293.0	Comment CR for PLUG #1	
Description Cement Retainer	Run Date 7/26/2021	Top (ftKB) 2,146.0	Btm (ftKB) 2,148.0	Comment CR for PLUG #4	
Description Cement Retainer	Run Date 7/27/2021	Top (ftKB) 1,861.0	Btm (ftKB) 1,863.0	Comment CR for PLUG #4A	
Description Cement Retainer	Run Date 7/28/2021	Top (ftKB) 1,210.0	Btm (ftKB) 1,212.0	Comment CR for PLUG #5	
Cement					
Surface Casing Cement, Casing, 10/5/1960 14:00					
Comment Cmt w/120 sx; circ cmt to surf			Cementing Start Date 10/5/1960	Cementing End Date 10/5/1960	
Top Depth (ftKB) 9.0		Bottom Depth (ftKB) 173.0			
Intermediate Casing Cement, Casing, 10/11/1960 14:00					
Comment TOC estimated @ 2,700' per temp survey			Cementing Start Date 10/11/1960	Cementing End Date 10/11/1960	
Top Depth (ftKB) 2,700.0		Bottom Depth (ftKB) 4,280.0			
Liner Cement, Casing, 10/14/1960 14:00					
Comment Cmt liner w/147 sx			Cementing Start Date 10/14/1960	Cementing End Date 10/14/1960	
Top Depth (ftKB) 4,223.0		Bottom Depth (ftKB) 4,552.0			
P&A PLUG #1, Plug, 7/23/2021 12:00					
Comment P&A PLUG #1 (40 sx, 1.37 yield, 14.6 ppg)			Cementing Start Date 7/23/2021	Cementing End Date 7/23/2021	
Top Depth (ftKB) 4,050.0		Bottom Depth (ftKB) 4,223.0			
P&A PLUG #1, Plug, 7/23/2021 12:00					
Comment P&A PLUG #1 (40 sx, 1.37 yield, 14.6 ppg)			Cementing Start Date 7/23/2021	Cementing End Date 7/23/2021	
Top Depth (ftKB) 4,223.0		Bottom Depth (ftKB) 4,291.0			
P&A PLUG #2, Plug, 7/23/2021 18:00					
Comment P&A PLUG #2 (36 sx, 1.37 yield, 14.6 ppg)			Cementing Start Date 7/23/2021	Cementing End Date 7/23/2021	
Top Depth (ftKB) 3,533.0		Bottom Depth (ftKB) 3,761.0			
P&A PLUG #3, Plug, 7/26/2021 08:00					
Comment P&A PLUG #3 (34 sx, 1.37 yield, 14.6 ppg)			Cementing Start Date 7/26/2021	Cementing End Date 7/26/2021	
Top Depth (ftKB) 2,823.0		Bottom Depth (ftKB) 3,005.0			
P&A PLUG #4, Plug, 7/26/2021 15:15					
Comment P&A PLUG #4 (58 sx, 1.37 yield, 14.6 ppg)			Cementing Start Date 7/26/2021	Cementing End Date 7/26/2021	



API/UWI 30-045-06605	Surface Legal Location M SW-SW, Sec 12, Twp 27N, Rng 09W, 2...	Field Name Blanco	License #	State/Province New Mexico	Well Configuration Type
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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

COMMENTS

Action 58442

COMMENTS

Operator: ENDURING RESOURCES, LLC 6300 S Syracuse Way, Suite 525 Centennial, CO 80111	OGRID: 372286
	Action Number: 58442
	Action Type: [C-103] Sub. Plugging (C-103P)

COMMENTS

Created By	Comment	Comment Date
mkuehling	for record - corrected depths on plugging	11/15/2021

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CONDITIONS

Created By	Condition	Condition Date
mkuehling	None	11/15/2021