

Well Name: BLANCO	Well Location: T27N / R9W / SEC 12 / NESW /	County or Parish/State: SAN JUAN / NM
Well Number: 4B	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: 3004530605	Well Status: Inactive	Operator: ENDURING RESOURCES LLC

Subsequent Report

Type of Submission: Subsequent Report

Type of Action: Plug and Abandonment

Date Sundry Submitted: 07/30/2021

Time Sundry Submitted: 09:53

Date Operation Actually Began: 07/13/2021

Actual Procedure: WELL P&A'D 7/21/21 SEE ATTACHED FOR PROCEDURE AND WELL BORE DIAGRAM

SR Attachments

Actual Procedure

BLANO_04B_P_A_WBD_FINAL_20210730095211.pdf

PA_WORK_SUMMARY_BLANCO_4B_2021_20210730095201.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: JUL 30, 2021 09:52 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: 9708783846	BLM POC Email Address: krennick@blm.gov
Disposition: Accepted	Disposition Date: 08/11/2021
Signature: Kenneth Rennick	

BLANCO 004B 30-045-30605 P&A WORK SUMMARY

7/13/2021-MIRU DWS Rig #31. Check well pressures. Haul additional water to location. SDFD.

7/14/2021-Kill well. Begin TOOH. Well begins flowing. Kill well. Casing flowing. Kill well & TIH to below perfs. BLM Representative Michael Gilbreath on location to witness P&A operations.

7/15/2021-Pump LCM pill. Tbg plugged. Swab back fluid in tbg. Jet cut off EOT. Flush tbg. Tbg clear. Mix LCM pill & chase w/water. Well dead. TOOH & LD tbg. BLM Representative Michael Gilbreath on location to witness P&A operations.

7/16/2021-Set WL CR for Plug #1. PU & TIH w/work-string. Pump cement plug #1 (Mesaverde perfs & Mesaverde top). TOOH. Round trip csg scraper for CR #2 while WOC. TIH & tag Plug #1. Tag depth OK. TOOH. BLM Representative Michael Gilbreath on location to witness P&A operations.

7/19/2021-TIH w/4-1/2" CICR & set @ 2,921' for PLUG #2. Load hole & establish circulation. TOOH. RU WL & run CBL from 2,921' to surface. Send logs to NMOCD & BLM. Pressure test 4-1/2" casing from 2,921' to surface to 600 psig for 30 minutes. Good test. TIH w/work-string & pump Cement Plug #2 (Chacra Perfs & Chacra Top) from 2,921' - 2,709'. TOOH. BLM Representative Michael Gilbreath on location to witness P&A operations.

7/20/2021- TIH w/work-string & tag Plug #2. Tag depth OK. PUH & spot Plug #3 (Pictured Cliffs top) 2,045' - 1,873'. PUH & spot Plug #4 (Fruitland top) 1,756' - 1,584'. PUH & spot Plug #5 (Kirtland top & Ojo Alamo top) 1,211' - 897'. TOOH. RIH w/WL & perf @ 407'. Attempt to pump down csg & establish circulation out braden-head. No circulation, no pressure or flow noted on bradenhead. Discuss plan forward with NMOCD & BLM. SDFN & lightning. BLM Representative Michael Gilbreath on location to witness P&A operations.

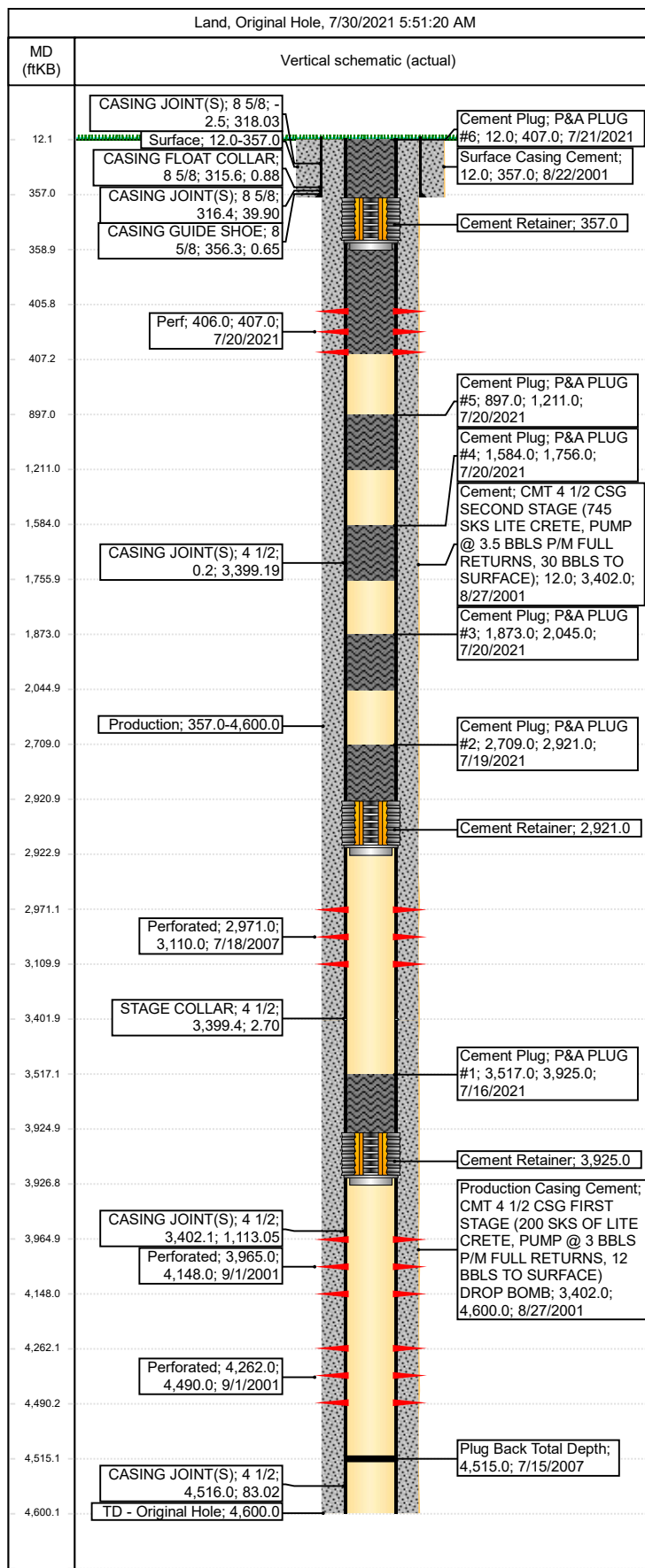
7/21/2021- TIH w/CICR & set at 357'. Pump Plug #6 (surface casing shoe & surface) from 407' - surface. TOOH. Cut off wellhead. Install P&A marker. RDMO. BLM Representative Michael Gilbreath on location to witness P&A operations. No further rig activities. Check TOC w/BLM representative Jimmy Dobson on 7/23/2021 during P&A operations on Blanco 4. TOC is still at surface and adequate per BLM. No further well-work required



Enduring Resources IV - P&A WBD

Well Name: Blanco 4B

API/UWI 30-045-30605	Surface Legal Location	Field Name Blanco Mesa Verde	License # 000000	State/Province New Mexico	Well Configuration Type Land
Original KB Elevation (ft) 5,936.00	KB-Tubing Head Distance (ft)	Spud Date 8/20/2001 00:00	Rig Release Date	PBTD (All) (ftKB) Original Hole - 4,515.0	Total Depth All (TVD) (ftKB)



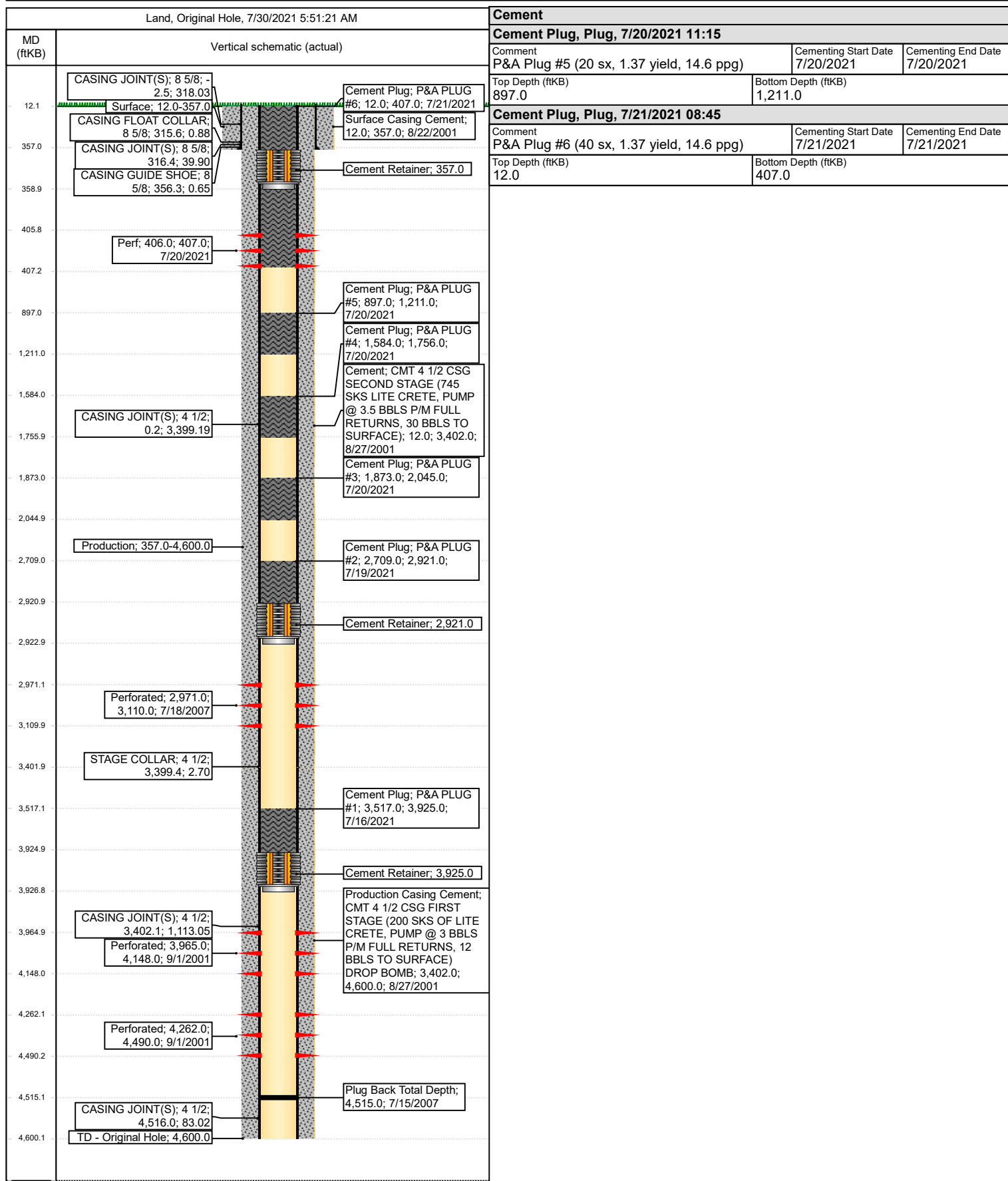
Wellbore Sections					
Section Description	Size (in)	Act Top (ft...)	Act Top (T...	Act Btm (ft...	Act Btm (T...
Surface	12 1/4	12.0	12.0	357.0	357.0
Section Description	Size (in)	Act Top (ft...	Act Top (T...	Act Btm (ft...	Act Btm (T...
Production	7 7/8	357.0	357.0	4,600.0	
Surface, 357.0ftKB					
OD (in)	Wt/Len (lb/ft)	String Grade	Top Connection	Top (ftKB)	Set Depth (ftKB)
8 5/8	24.00	J-55	LT&C	-2.5	357.0
Item Des		Jts	Len (ft)	Top (ftKB)	Btm (ftKB)
		0	0.00	-2.5	-2.5
CASING JOINT(S)		8	318.03	-2.5	315.6
CASING FLOAT COLLAR		1	0.88	315.6	316.4
CASING JOINT(S)		1	39.90	316.4	356.4
CASING GUIDE SHOE		1	0.65	356.4	357.0
Production Casing, 4,600.0ftKB					
OD (in)	Wt/Len (lb/ft)	String Grade	Top Connection	Top (ftKB)	Set Depth (ftKB)
4 1/2	11.60	J-55		0.2	4,600.0
Item Des		Jts	Len (ft)	Top (ftKB)	Btm (ftKB)
		0	0.00	0.2	0.2
CASING JOINT(S)		82	3,399.19	0.2	3,399.4
STAGE COLLAR		1	2.70	3,399.4	3,402.1
CASING JOINT(S)		25	1,113.05	3,402.1	4,515.2
CASING FLOAT COLLAR		1	0.85	4,515.2	4,516.0
CASING JOINT(S)		2	83.02	4,516.0	4,599.1
CASING FLOAT SHOE		1	0.95	4,599.1	4,600.0
Other In Hole					
Description	Run Date	Top (ftKB)	Btm (ftKB)	Comment	
Cement Retainer	7/16/2021	3,925.0	3,927.0	CR for Plug #1	
Description	Run Date	Top (ftKB)	Btm (ftKB)	Comment	
Cement Retainer	7/19/2021	2,921.0	2,923.0	CR for Plug #2	
Description	Run Date	Top (ftKB)	Btm (ftKB)	Comment	
Cement Retainer	7/21/2021	357.0	359.0	CR for Plug #6	
Cement					
Surface Casing Cement, Casing, 8/22/2001 03:00					
Comment			Cementing Start Date	Cementing End Date	
Cmt w/250 sx; circ 24 bbls to surface			8/22/2001	8/22/2001	
Top Depth (ftKB)		Bottom Depth (ftKB)			
12.0		357.0			
Production Casing Cement, Casing, 8/27/2001 11:00					
Comment			Cementing Start Date	Cementing End Date	
DV Tool placed @ 3,400'; Stage 1: Pump 200 sx cmt w/full returns, circ 12 bbls cmt to surface; Stage 2: Pump 745 sx cmt w/full returns, circ 30 bbls cmt to surface			8/27/2001	8/27/2001	
Top Depth (ftKB)		Bottom Depth (ftKB)			
3,402.0		4,600.0			
Top Depth (ftKB)		Bottom Depth (ftKB)			
12.0		3,402.0			
Cement Plug, Plug, 7/16/2021 08:15					
Comment			Cementing Start Date	Cementing End Date	
P&A Plug #1 (30 sx, 1.37 yield, 14.6 ppg)			7/16/2021	7/16/2021	
Top Depth (ftKB)		Bottom Depth (ftKB)			
3,517.0		3,925.0			
Cement Plug, Plug, 7/19/2021 15:30					
Comment			Cementing Start Date	Cementing End Date	
P&A Plug #2 (12 sx, 1.37 yield, 14.6 ppg)			7/19/2021	7/19/2021	
Top Depth (ftKB)		Bottom Depth (ftKB)			
2,709.0		2,921.0			
Cement Plug, Plug, 7/20/2021 10:15					
Comment			Cementing Start Date	Cementing End Date	
P&A Plug #3 (11 sx, 1.37 yield, 14.6 ppg)			7/20/2021	7/20/2021	
Top Depth (ftKB)		Bottom Depth (ftKB)			
1,873.0		2,045.0			
Cement Plug, Plug, 7/20/2021 10:30					
Comment			Cementing Start Date	Cementing End Date	
P&A Plug #4 (11 sx, 1.37 yield, 14.6 ppg)			7/20/2021	7/20/2021	
Top Depth (ftKB)		Bottom Depth (ftKB)			
1,584.0		1,756.0			



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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

CONDITIONS

Action 41787

CONDITIONS

Operator: ENDURING RESOURCES, LLC 6300 S Syracuse Way, Suite 525 Centennial, CO 80111	OGRID: 372286
	Action Number: 41787
	Action Type: [C-103] Sub. Plugging (C-103P)

CONDITIONS

Created By	Condition	Condition Date
mkuehling	None	9/2/2021