

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

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

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.

JUL 26 2018

5. Lease Serial No. I-149-IND-8465

6. If Indian, Allottee or Tribe Name
Navajo

SUBMIT IN TRIPLICATE - Other instructions on page 2

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator
ENDURING RESOURCES IV, LLC

3a. Address
332 ROAD 3100
AZTEC, NM 87410

3b. Phone No. (include area code)
(505) 636-9722

7. If Unit of CA/Agreement, Name and/or No.

8. Well Name and No. Blanco 4B

9. API Well No. 30-045-30605

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1755 FSL, 1960 FWL NE/SW UL K S 12, T 27N, R9W LAT 36.587268 LONG 107.742347

10. Field and Pool or Exploratory Area
MESAVERDE/OTERO CHACRA

11. Country or Parish, State
SAN JUAN COUNTY, NEW MEXICO

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" 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 checked="" 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 recompleat 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 recompleat 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.)

THE BLANCO 4B IS NO LONGER ECONOMIC TO OPERATE, ENDURING RESOURCES IV LLC PROPOSES TO PA THIS WELL WITH THE FOLLOWING PROCEDURE:

MIRU well servicing rig and cement equipment.

ND WH, NU BOPE, RU rig floor and 2.375" handling tools. LD production string.

PU 4-1/2" casing scraper and tally and RIH w 2-3/8" work string to 3940'. TOOH and LD casing scraper. Pick up 4-1/2" CICR, RIH and set at 3915'.

Pressure test tubing to 1000psi and sting out of CICR. Roll well and test casing to 500psi. (WOC to be determined if test holds).

Plug #1, 3815' - 3915' (Mesaverde Top: 3667', Perfs: 3965' - 4490'): Mix & pump 8 sxs of Class B cement (or equivalent) on top of CIBP to plug off MV perfs. Reverse circulate hole clean. TOOH with setting tool. TIH open ended to 3184'.

Plug #2, 2896' - 3184' (Chacra Top: 2971', Perfs: 2971- 3109'): Spot balanced plug using 22 sxs Class B cement to cover Chacra top. PUH and reverse circulate tubing clean. WOC. TIH to confirm top of plug. Re- spot if necessary. LD tubing to 2081'. Approximately 35 joints.

Plug #3, 1931' - 2081' (Pictured Cliffs Top: 2006'): Spot balanced plug using 12 sxs Class B cement to cover Pictured Cliffs top. PUH and reverse circulate. WOC. TIH to confirm top of plug. Re- spot if necessary. LD tubing to 1611'. Approximately 15 joints.

PLEASE SEE ATTACHED FOR REMAINDER OF PROCEDURE.

Notify NMOCD 24 hrs
prior to beginning
operations

**BLM'S APPROVAL OR ACCEPTANCE OF THIS
ACTION DOES NOT RELIEVE THE LESSEE AND
OPERATOR FROM OBTAINING ANY OTHER
AUTHORIZATION REQUIRED FOR OPERATIONS
ON FEDERAL AND INDIAN LANDS**

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)
APRIL E POHL

REGULATORY SPECIALIST

NMOCD

Signature

April E Pohl

Date

July 26, 2018

SEP 14 2018

THE SPACE FOR FEDERAL OR STATE OFFICE USE

DISTRICT III

Approved by

[Signature]

Title

FE

Date

9/13/18

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

FEO

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)

NMOCD

Plug #4, 1461' – 1611' (Fruitland Top: 1536'): Spot balanced plug using 12 sxs Class B cement to cover Fruitland top. PUH and reverse circulate. WOC. TIH to confirm top of plug. Re- spot if necessary. LD tubing to 1232'. Approximately 12 joints.

Plug #5, 930' – 1232' (Ojo Alamo and Kirtland Tops: 1005'/ 1157'): Spot balanced plug using 23 sxs Class B cement to cover Ojo Alamo and Kirtland tops. PUH and reverse circulate. WOC. TIH to confirm top of plug. Re- spot if necessary. LD tubing to 407', Approximately 26 joints.

Plug #6, Surface – 407' (Surface Shoe, 357'): Mix approximately 31 sxs cement. Spot the surface plug to cover a minimum of 407' to surface and top off as necessary. Shut in and WOC.

ND BOP and cut off wellhead below surface casing flange per regulation. Install P&A marker with cement to comply with regulations. RD, MOL and cut off anchors. Restore location per BLM stipulations.



Enduring Resources Plug & Abandon Procedure July 3, 2018

Well: Blanco 4B
Location: 1755' FSL & 1960' FWL
Sec,T, R: Sec. 12, T27N, R9W Unit K
Cnty/State: San Juan, New Mexico
Lat/Long: 36.5872688,-107.7423477

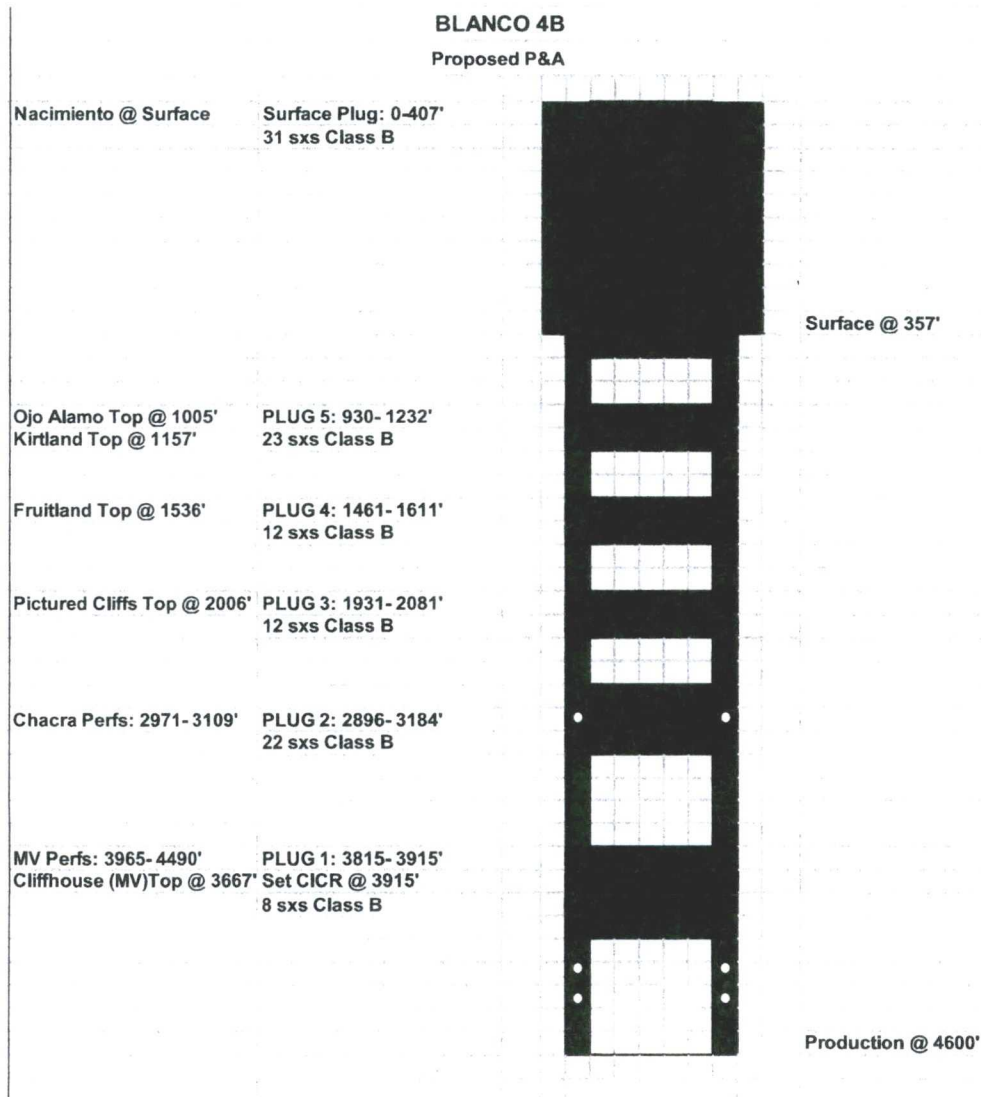
API: 30-045-30605
Field: Blanco Mesaverde
Elevation: GL: 5936'
By: Aztec Well Servicing

WellView		ERC - Current WBD						
Well Name: Blanco 4B								
API# 3004530605	Surface Legal Location	Field Name Blanco Mesa Verde	License # 000000					
Original KB Elevation (ft) 5,936.00	KB Tubing Head Distance (ft)	Spud Date 8/20/2001 00:00	Rig Release Date					
		State/Province New Mexico	Well Configuration Type Land					
		PBTO (API 1000) Original Hole - 4.515.0	Total Depth (ft) (VD) 4,381.3					
Land, Original Hole, 8/19/2018 12:54:14 PM								
Vertical schematic (actual)								
		Casing Strings						
		Cap Des	OD (in)	Wt/Len (lb/ft)	Grade	Top Thread	Top (ft)	Set Depth (ft)
		Surface	8.5/8	24.00	J-55	1.750	2.5	357.0
		Production Casing	4.1/2	11.50	J-55		0.2	4,600.0
		Cement						
		Description	Surface Casing Cement	Comment				
		Description	Production Casing Cement	Comment				
		Perforations						
		Date	Top (ft)	Blm (ft)	Non Hole Dis (ft)	Shot Dens (shots/ft)	Entered Shot Total	
		9/1/2001	3,965.0		4,148.0			
9/1/2001	4,262.0		4,490.0					
Tubing Strings								
Tubing Description	Run Date	Set Depth (ft)	Set Depth (ft)					
LONG TUBING	8/3/2007	4,381.33	4,381.3					
Jt	Item Des	OD (in)	Len (ft)	Top (ft)	Blm (ft)	Grade	Wt (lb/ft)	
1	KB TO HANGER DIST.	0.0	12.00	0.0	12.0	0	0.00	
1	TUBING HANGER	4.1/2	1.00	12.0	13.0	N-80	0.00	
14	TUBING	2 3/8	4,365.0	13.0	4,378.0	J-55	4.70	
2			3					
1	SEATING NIPPLE	2 3/8	1.30	4,378.0	4,379.3	J-55	4.70	
1	MULE SHOE	2 3/8	2.00	4,379.3	4,381.3	J-55	4.70	
1	END OF TUBING @	0.0	0.00	4,381.3	4,381.3	0	0.00	
Rod Strings								
Rod Description	Run Date	Set Depth (ft)	Set Depth (ft)					
Jts	Item Des	OD (in)	Len (ft)	Top (ft)	Blm (ft)			



Enduring Resources Plug & Abandon Procedure July 3, 2018

Well:	Blanco 4B	API:	30-045-30605
Location:	1755' FSL & 1960' FWL	Field:	Blanco Mesaverde
Sec, T, R:	Sec. 12, T27N, R9W Unit K	Elevation:	GL: 5936'
Cnty/State:	San Juan, New Mexico	By:	Aztec Well Servicing
Lat/Long:	36.5872688, -107.7423477		



UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
FARMINGTON DISTRICT OFFICE
6251 COLLEGE BLVD.
FARMINGTON, NEW MEXICO 87402

Attachment to notice of
Intention to Abandon:

Re: Permanent Abandonment
Well: Blanco 4B

CONDITIONS OF APPROVAL

1. Plugging operations authorized are subject to the attached "General Requirements for Permanent Abandonment of Wells on Federal and Indian Lease."

2. Farmington Office is to be notified at least 24 hours before the plugging operations commence (505) 564-7750.

3. The following modifications to your plugging program are to be made:

- a) Add a cement plug (3680 – 3580) ft. to cover the Mesaverde top. BLM picks top of Mesaverde at 3630 ft.
- b) Set Plug #2 (3184 – 2872) ft. to cover the Chacra top. BLM picks top of Chacra at 2912 ft.
- c) Set Plug #4 (1740 – 1640) ft. to cover the Fruitland top. BLM picks top of Fruitland at 1690 ft.

You are also required to place cement excesses per 4.2 and 4.4 of the attached General Requirements.

Office Hours: 7:45 a.m. to 4:30 p.m.