

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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.*

**SUBMIT IN TRIPLICATE - Other instructions on page 2**

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. I149IND8465
2. Name of Operator ENDURING RESOURCES LLC		6. If Indian, Allottee or Tribe Name EASTERN NAVAJO
3a. Address 1050 17TH STREET SUITE 2500 DENVER, CO 80265		7. If Unit or CA/Agreement, Name and/or No.
3b. Phone No. (include area code) Ph: 505-636-9743		8. Well Name and No. BLANCO 25
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 12 T27N R9W SWNW 1820FNL 0835FWL 36.591919 N Lat, 107.745377 W Lon		9. API Well No. 30-045-21532-00-S1
		10. Field and Pool or Exploratory Area OTERO CHACRA
		11. County or Parish, State SAN JUAN COUNTY, NM

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

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

THIS WELL WAS PLUGGED ON 7/17/19  
3/5/19 thru 3/6/19- MIRU. Check pressures on well.  
3/7/19- Plug 1: 1926?-2952?. Mix and pump 29 sxs Class G cement.  
3/8/19- Plug 2: 1491?-1915?. Mix and pump 12 sxs Class G cement. SDFW  
3/11/19- Plug 3: 248?-1380?. Mix and pump 32 sxs Class G cement.  
Plug 4: 175? to surface. Mix and pump 65 sxs Class G cement.  
3/12/19- Check well pressures. Close BH, pressure immediately builds up to 5 psi, after 1 hour built up to 8 psi. BLM rep Walter Gage checks for gas and reads at 13% LEL. Walter requests to let vent and check BHP in 2 weeks.  
3/26/19 thru 3/27/19- Shut BH in, let build up for 1 hr. BLM rep Walter Gage requests to leave venting until further notice.  
3/17/19 thru 7/15/19- Venting

**NMOC**

**AUG 23 2019**

**DISTRICT III**

14. I hereby certify that the foregoing is true and correct. <b>Electronic Submission #476420 verified by the BLM Well Information System</b> <b>For ENDURING RESOURCES LLC, sent to the Farmington</b> <b>Committed to AFMSS for processing by JOE KILLINS on 08/22/2019 (19JWS0006S)</b>	
Name (Printed/Typed) LACEY GRANILLO	Title PERMITTING SPECIALIST
Signature (Electronic Submission)	Date 08/02/2019

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved By <b>ACCEPTED</b>	Title JOE KILLINS PETROLEUM ENGINEER	Date 08/22/2019
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 Farmington

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)

**\*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\***

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**Additional data for EC transaction #476420 that would not fit on the form**

**32. Additional remarks, continued**

7/16/19- Spot and RU cement truck. Check PSI. orders from BLM and Enduring to leave BH valve open overnight and proceed with removal of WH in morning.

7/17/19- Cut and remove WH. Plug 5: 45? to cellar (surface). Mix and pump 20 sxs Class G cement with poly pipe casing and fill up cellar as per BLM rep Mark Decker. Set DHM.RDMO

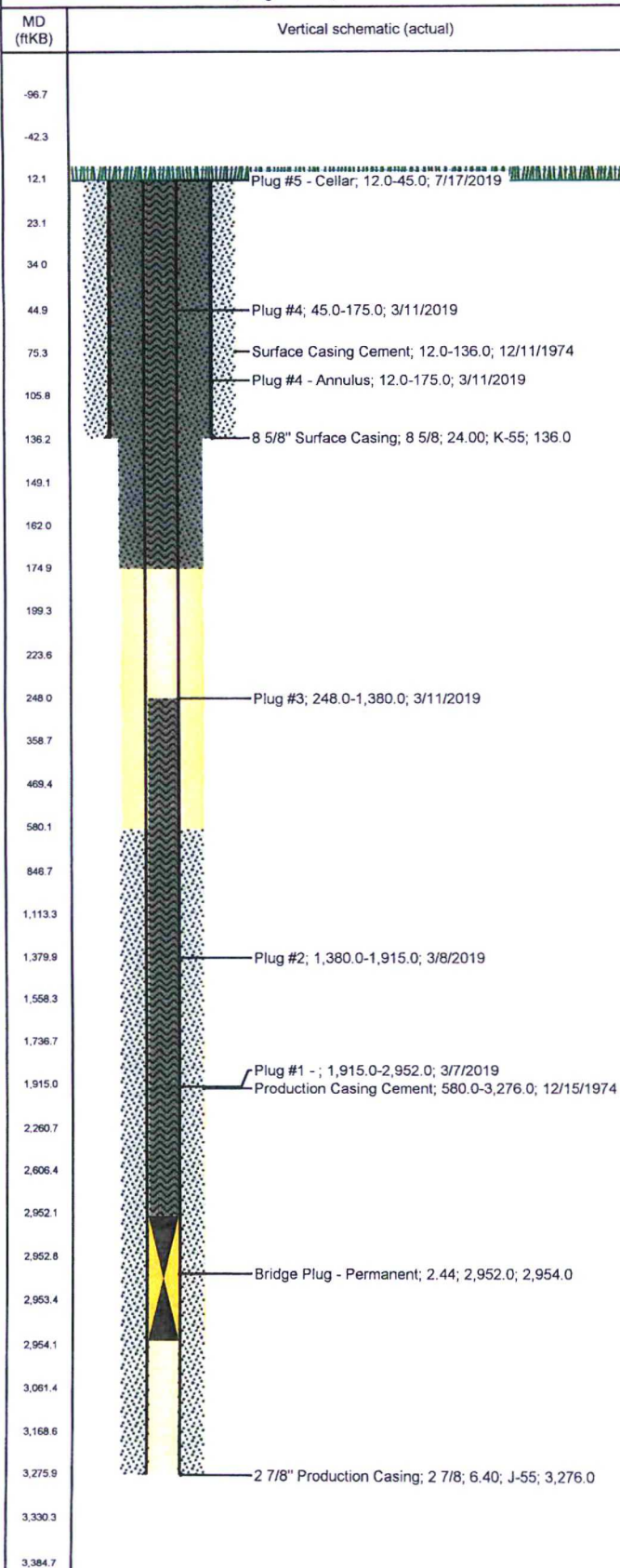
Attached: WBD



Well Name: BLANCO 25

API/UWI 30-045-21532		County SAN JUAN		State/Province New Mexico		Surface Legal Location NE, SW, NW, Section12, Twp 27N, Rng 09W, NMPM							
Spud Date 12/11/1974		On Production Date 3/19/1975		Abandon Date 7/17/2019		Ground Elevation (ft) 5,989.00		Original KB Elevation (ft) 6,001.00		Total Depth (All) (ftKB) Original Hole - 3,276.0		PSTD (All) (ftKB)	

Vertical, Original Hole, 8/1/2019 1:26:36 PM



## Rod Strings

&lt;des&gt; on &lt;dtmrun&gt;

Rod Description		Run Date		String Length (ft)		Set Depth (ftKB)	
Jts	Item Des	OD (in)	Grade	Len (ft)	Top (ftKB)	Btm (ftKB)	

## Tubing Strings

&lt;des&gt; set at &lt;depthbtm&gt;ftKB on &lt;dtmrun&gt;

Tubing Description		Run Date		String Length (ft)		Set Depth (ftKB)	
Jts	Item Des	OD (in)	Wt (lb/ft)	Grade	Len (ft)	Top (ftKB)	Btm (ftKB)

## Other In Hole

Des	String	Top (ftKB)	Btm (ftKB)	Run Date
Bridge Plug - Permanent	2 7/8\" Production Casing, 3,276.0ftKB	2,952.0	2,954.0	3/7/2019 08:30

## Cement

Plug #5 - Surface, Plug, 7/17/2019 09:00

Description	String	Cementing Start Date	Cementing End Date
Plug #5 - Surface	2 7/8\" Production Casing, 3,276.0ftKB	7/17/2019 09:00	7/17/2019 10:00

## Cement Stages

Stg #	Top (ftKB)	Btm (ftKB)	Com
1	12.0	45.0	20 sx (5.5 bbl) Class G

Plug #4 - Casing, Plug, 3/11/2019 12:00

Description	String	Cementing Start Date	Cementing End Date
Plug #4 - Casing	2 7/8\" Production Casing, 3,276.0ftKB	3/11/2019 12:00	3/11/2019 12:30

## Cement Stages

Stg #	Top (ftKB)	Btm (ftKB)	Com
1	45.0	175.0	25 sx class G cmt

Plug #4 - Bradenhead, Casing - Remedial, 3/11/2019 11:30

Description	String	Cementing Start Date	Cementing End Date
Plug #4 - Bradenhead	2 7/8\" Production Casing, 3,276.0ftKB	3/11/2019 11:30	3/11/2019 12:00

## Cement Stages

Stg #	Top (ftKB)	Btm (ftKB)	Com
2	12.0	175.0	40 sx Class G Cmt

Plug #3 - Kirtland-Ojo Alamo, Plug, 3/11/2019 09:30

Description	String	Cementing Start Date	Cementing End Date
Plug #3 - Kirtland-Ojo Alamo	2 7/8\" Production Casing, 3,276.0ftKB	3/11/2019 09:30	3/11/2019 11:00

## Cement Stages

Stg #	Top (ftKB)	Btm (ftKB)	Com
1	248.0	1,380.0	32 sx class G cmt

Plug #2 - , Plug, 3/8/2019 09:00

Description	String	Cementing Start Date	Cementing End Date
Plug #2 -	2 7/8\" Production Casing, 3,276.0ftKB	3/8/2019 09:00	3/8/2019 10:30

## Cement Stages

Stg #	Top (ftKB)	Btm (ftKB)	Com
1	1,380.0	1,915.0	12 sx class G cmt

Plug #1 - , Plug, 3/7/2019 15:00

Description	String	Cementing Start Date	Cementing End Date
Plug #1 -	2 7/8\" Production Casing, 3,276.0ftKB	3/7/2019 15:00	3/7/2019 17:30

## Cement Stages

Stg #	Top (ftKB)	Btm (ftKB)	Com
1	1,915.0	2,952.0	29 sx class G cmt

Production Cement, Casing, 12/15/1974 14:00

Description	String	Cementing Start Date	Cementing End Date
Production Cement	2 7/8\" Production Casing, 3,276.0ftKB	12/15/1974 14:00	12/15/1974 18:00



Well Name: BLANCO 25

Vertical, Original Hole, 8/1/2019 1:26:36 PM

## Cement Stages

Stg #	Top (ftKB)	Btm (ftKB)	Com
1	580.0	3,276.0	

## Surface Cement, Casing, 12/11/1974 14:00

Description	String	Cementing Start Date	Cementing End Date
Surface Cement	8 5/8" Surface Casing, 136.0ftKB	12/11/1974 14:00	12/11/1974 15:00

## Cement Stages

Stg #	Top (ftKB)	Btm (ftKB)	Com
1	12.0	136.0	

## Casing Strings

## 2 7/8" Production Casing, 3,276.0ftKB

Description	Run Date	Set Depth (ft...)	Set Depth (...)	Depth Cut/P...	Length (ft)
2 7/8" Production Casing	12/15/1974	3,276.0			3,264.00

## Casing Components

Item Des	Jts	OD (in)	ID (in)	Wt (lb/ft)	Grade	Len (ft)
Casing (2-7/8" tubing)	108	2 7/8	2.44	6.40	J-55	3,264.00

## 8 5/8" Surface Casing, 136.0ftKB

Casing Description	Run Date	Set Depth (ft...)	Set Depth (...)	Depth Cut/P...	Length (ft)
8 5/8" Surface Casing	12/11/1974	136.0			124.00

## Casing Components

Item Des	Jts	OD (in)	ID (in)	Wt (lb/ft)	Grade	Len (ft)
Casing Joints	4	8 5/8	8.10	24.00	K-55	124.00

## Wellbores

## Original Hole

Wellbore Name	Parent Wellbore
Original Hole	Original Hole

## Wellbore Sections

Section Des	Size (in)	Act Top (ftKB)	Act Btm (ftKB)
Production Hole	6 3/4	136.0	3,276.0
Surface Hole	12 1/4	12.0	136.0

