

State of New Mexico
Energy, Minerals and Natural Resources Department

Michelle Lujan Grisham
Governor

Sarah Cottrell Propst
Cabinet Secretary

Todd E. Leahy, JD, PhD
Deputy Secretary

Adrienne Sandoval, Division Director
Oil Conservation Division



New Mexico Oil Conservation Division approval and conditions listed below are made in accordance with OCD Rule 19.15.7.11 and are in addition to the actions approved by BLM on the following 3160-4 or 3160-5 form.

Operator Signature Date: 7/1/2019

Well information:

30-045-27124 BETTIN ON BISTI 30 #009

ENDURING RESOURCES, LLC

Application Type:

P&A Drilling/Casing Change Location Change

Recomplete/DHC (For hydraulic fracturing operations review EPA Underground injection control Guidance #84; Submit Gas Capture Plan form prior to spudding or initiating recompletion operations)

Other:

Conditions of Approval:

- Notify NMOCD 24hrs prior to beginning operations.
- Add a Chacra Plug 1635'-1535'.



NMOCD Approved by Signature

9/6/19
Date

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

JUL 01 2019

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.

5. Lease Serial No.
NMNM68764
6. If Indian, Allottee or Tribe Name
NAVAJO

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		7. If Unit of CA/Agreement, Name and/or No.
2. Name of Operator Enduring Resources IV LLC		8. Well Name and No. BETTIN ON BISTI 30 009
3a. Address 200 Energy Court Farmington NM 87401	3b. Phone No. (include area code) 505-636-9743	9. API Well No. 30-045-27124
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) SHL: 1980' FSL & 660' FEL Sec 30 T25N R11W Unit: 1		10. Field and Pool or Exploratory Area Bisti- Lower Galup
		11. Country or Parish, State San Juan, NM

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 ShutOff
<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 checked="" type="checkbox"/> Other Plug and Abandon
	<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	

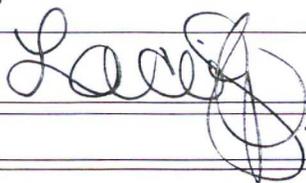
13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomple horizontally, give subsurface locations and measured and true vertical depths 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 recomple 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 reclamation.

**Approved and plugged
of the well bore. Liability
under bond is retained until
surface restoration is completed.**

CONDITIONS OF APPROVAL
Adhere to previously issued stipulations

Enduring Resources IV LLC requests to plug and abandon the BETTIN ON BISTI 30 009 per the attached procedure, current and proposed wellbore diagram and reclamation plan.

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)
Lacey Granillo

Signature: 

Title: Permit Specialist

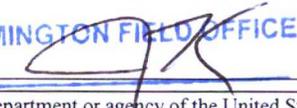
Date: 7/1/19

NMOCD
AUG 16 2019
DISTRICT III

THE SPACE FOR FEDERAL OR STATE OFFICE USE **ACCEPTED FOR RECORD**

Approved by: _____ Title: _____ Date: **AUG 13 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.

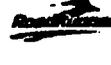
Office: **FARMINGTON FIELD OFFICE**
By: 

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.

NMOCD 

THE AZTEC WELL FAMILY

Family-owned founded in 1963 with Aztec Well Servicing Co



Enduring Resources Plug & Abandon Procedure May 21, 2019

Well:	Bettin on Bisti 30 #9	API:	30-45-27124
Location:	1980' FSL & 660' FEL	Field:	Bisti lower Gallup
Sec, T, R:	Sec 30 , T25N, 11W	Elevation:	GL: 6445'
Cnty/State:	San Juan, New Mexico	By:	Aztec Well Servicing
Lat/Long:	36.3703423,-108.0383835		

Objective:

Permanently plug & abandon the well from 4670' to surface containing 5 cement plugs.

Prior to Rig:

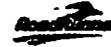
1. Notify BLM & NMOCD
2. Note: verify all cement volumes based on actual slurry to be pumped.
3. See attached COA's from BLM & NMOCD.

Procedure:

1. MIRU well servicing rig and cement equipment.
2. LD rods.
3. ND WH, NU BOPE, RU rig floor and 2-7/8" handling tools.
4. Release TAC, LD production string.
5. Tally and PU 2-3/8" workstring with 5-1/2" casing scraper to 4700'.
6. TOOH and LD casing scraper.
7. TIH with 5-1/2" CR and set @ 4670'.
8. Pressure test tubing to 1000psi, roll well, and close pipe rams and pressure test casing to 800psi. (WOC to be determined if test holds).
9. **Plug #1, 4670'-4455' (Gallup Perfs & Top: 4505')** Mix & pump 31 sxs of Class G cement (or equivalent) on top of CR to cover Gallup perfs and top. Pull up and reverse circulate tubing clean.
10. TOOH and LD setting tool and TIH open ended.
11. **Plug #2, 3855'-3755' (Mancos Top: 3805')** Mix 18 sxs of Class G cement (or equivalent) and pump a balance plug to cover the Mancos top. Pull up and reverse circulate tubing clean.
12. LD tubing to 2727'.
13. **Plug #3, 2727'-2627' (Mesaverde Top: 2677')** Mix 18 sxs of Class G cement (or equivalent) and pump a balance plug to cover the Mesaverde top. Pull up and reverse circulate tubing clean.
14. LD tubing to 1283'.
15. **Plug #4, 1283'-820' (PC, Fruitland, Kirtland, Ojo Alamo Tops: 1233', 1125', 1070', 870')** Mix 60 sxs of Class G cement (or equivalent) and pump a balance plug to cover the PC, Fruitland, Kirtland and Ojo Alamo tops. Pull up and reverse circulate tubing clean.

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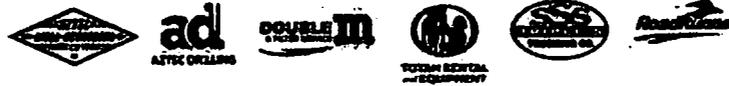
Enduring Resources Plug & Abandon Procedure May 21, 2019

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Sec,T, R:	Sec 30 , T25N, 11W	Elevation:	GL: 6445'
Cnty/State:	San Juan, New Mexico	By:	Aztec Well Servicing
Lat/Long:	36.3703423,-108.0383835		

16. LD tubing to 319'.
17. Plug #5, 319'-0' (Surface Casing Shoe to 0') Mix and pump 45 sxs of Class G cement (or equivalent) until good cement returns to surface.
18. ND BOP and cut off wellhead below surface casing flange per regulation. Top off w/cement if needed. Install P&A marker with cement to comply with regulations. RD, MOL and cut off anchors. Restore location per BLM stipulations.

THE AZTEC WELL FAMILY

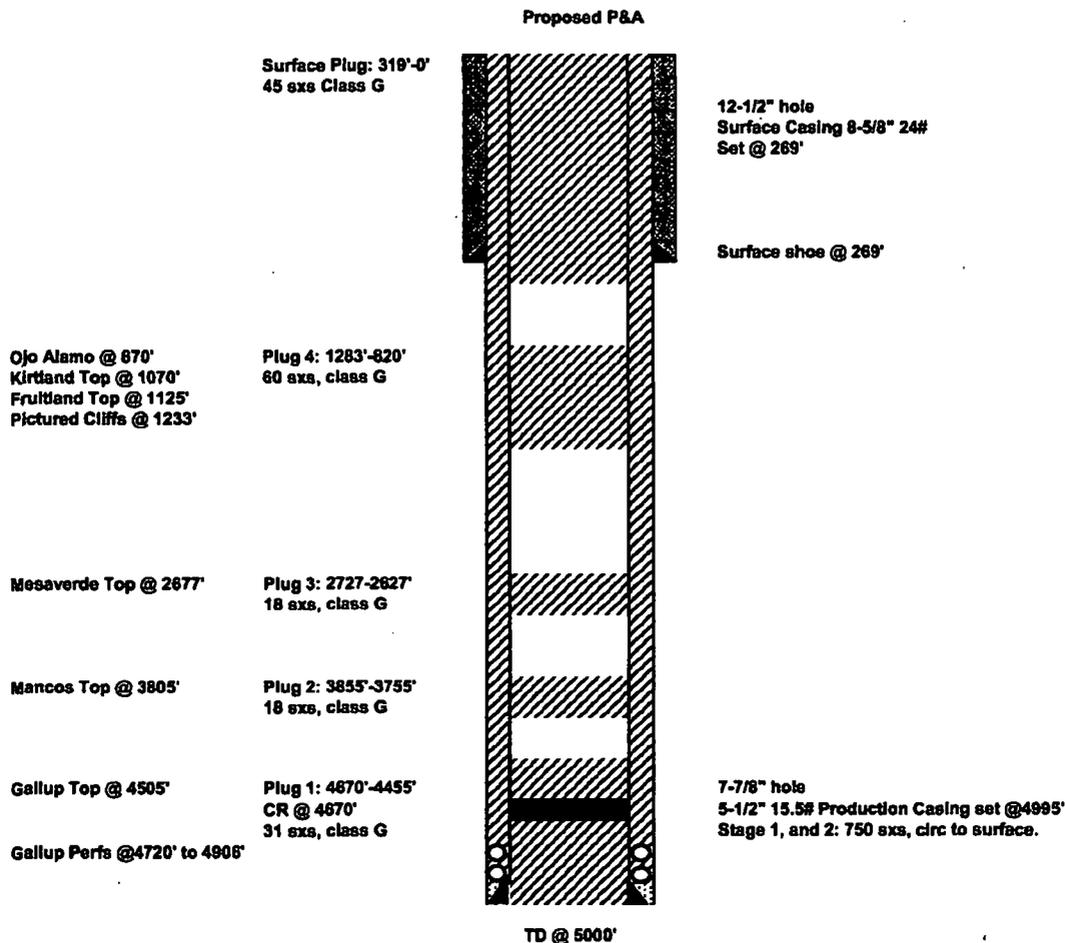
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Enduring Resources Plug & Abandon Procedure May 21, 2019

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Cnty/State:	San Juan, New Mexico	By:	Aztec Well Servicing
Lat/Long:	36.3703423,-108.0383835		

Bettin on Bisti 30 #9
Proposed P&A
Bisti Lower Gallup
SEC 30, T25N, R11W
API 30-045-27124
Procedure Date: 5/21/2019



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: Bettin on Bisti 30 009

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. If casing fails pressure test, CBL required after setting CR from 4670' to surface to confirm cement. Submit electronic copy of the log for verification to the following addresses: jkillina@blm.gov and Brandon.Powell@state.nm.us . Based on CBL results inside/outside plugs and volumes will be adjusted accordingly. Please review the General Requirements document to ensure volumes meet required excess inside and outside casing.
4. Add an additional plug (720'-445') to cover BLM picks for Kirtland and Ojo Alamo tops at 670' and 495'.