

Form 3160-5
(October 2024)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0220
Expires: October 31, 2027

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.	JIC68
6. If Indian, Allottee or Tribe Name	JICARILLA APACHE

SUBMIT IN TRIPLICATE - Other instructions on page 2	
1. Type of Well ☐ Oil Well ☒ Gas Well ☐ Other	
2. Name of Operator ENDURING RESOURCES LLC	
3a. Address 200 ENERGY COURT, FARMINGTON, NM 8740	3b. Phone No. (include area code) (505) 497-8574
4. Location of Well (Footage, Sec., T.,R.,M., or Survey Description) SEC 6/T24N/R5W/NMP	

7. If Unit of CA/Agreement, Name and/or No.
8. Well Name and No. JICARILLA B/22
9. API Well No. 3003905665
10. Field and Pool or Exploratory Area BASIN/BASIN
11. Country or Parish, State RIO ARRIBA/NM

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA				
TYPE OF SUBMISSION	TYPE OF ACTION			
☐ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☒ Subsequent Report	☐ Alter Casing	☐ Hydraulic Fracturing	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☐ Other
	☐ Change Plans	☒ Plug and Abandon	☐ Temporarily Abandon	
	☐ Convert to Injection	☐ Plug Back	☐ 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 recomplete 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 recompletion 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.)

Enduring Resources completed plugging operations on 10/3/25. P&A work summary, wellbore, CBL, an pictures are attached.

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed) HEATHER HUNTINGTON / Ph: (505) 636-9751	Title Permitting Technician
Signature (Electronic Submission)	Date 10/23/2025

THE SPACE FOR FEDERAL OR STATE OFFICE USE		
Approved by KENNETH G RENNICK / Ph: (505) 564-7742 / Accepted	Title Petroleum Engineer	Date 10/24/2025
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 RIO PUERCO	

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)

GENERAL INSTRUCTIONS

This form is designed for submitting proposals to perform certain well operations and reports of such operations when completed as indicated on Federal and Indian lands pursuant to applicable Federal law and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local area or regional procedures and practices, are either shown below, will be issued by or may be obtained from the local Federal office.

SPECIFIC INSTRUCTIONS

Item 4 - Locations on Federal or Indian land should be described in accordance with Federal requirements. Consult the local Federal office for specific instructions.

Item 13: Proposals to abandon a well and subsequent reports of abandonment should include such special information as is required by the local Federal office. In addition, such proposals and reports should include reasons for the abandonment; data on any former or present productive zones or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, method of parting of any casing, liner or tubing pulled and the depth to the top of any tubing left in the hole; method of closing top of well and date well site conditioned for final inspection looking for approval of the abandonment. If the proposal will involve **hydraulic fracturing operations**, you must comply with 43 CFR 3162.3-3, including providing information about the protection of usable water. Operators should provide the best available information about all formations containing water and their depths. This information could include data and interpretation of resistivity logs run on nearby wells. Information may also be obtained from state or tribal regulatory agencies and from local BLM offices.

NOTICES

The privacy Act of 1974 and the regulation in 43 CFR 2.48(d) provide that you be furnished the following information in connection with information required by this application.

AUTHORITY: 30 U.S.C. 181 et seq., 351 et seq., 25 U.S.C. 396; 43 CFR 3160.

PRINCIPAL PURPOSE: The information is used to: (1) Evaluate, when appropriate, approve applications, and report completion of subsequent well operations, on a Federal or Indian lease; and (2) document for administrative use, information for the management, disposal and use of National Resource lands and resources, such as: (a) evaluating the equipment and procedures to be used during a proposed subsequent well operation and reviewing the completed well operations for compliance with the approved plan; (b) requesting and granting approval to perform those actions covered by 43 CFR 3162.3-2, 3162.3-3, and 3162.3-4; (c) reporting the beginning or resumption of production, as required by 43 CFR 3162.4-1(c) and (d) analyzing future applications to drill or modify operations in light of data obtained and methods used.

ROUTINE USES: Information from the record and/or the record will be transferred to appropriate Federal, State, local or foreign agencies, when relevant to civil, criminal or regulatory investigations or prosecutions in connection with congressional inquiries or to consumer reporting agencies to facilitate collection of debts owed the Government.

EFFECT OF NOT PROVIDING THE INFORMATION: Filing of this notice and report and disclosure of the information is mandatory for those subsequent well operations specified in 43 CFR 3162.3-2, 3162.3-3, 3162.3-4.

The Paperwork Reduction Act of 1995 requires us to inform you that:

The BLM collects this information to evaluate proposed and/or completed subsequent well operations on Federal or Indian oil and gas leases.

Response to this request is mandatory.

The BLM would like you to know that you do not have to respond to this or any other Federal agency-sponsored information collection unless it displays a currently valid OMB control number.

BURDEN HOURS STATEMENT: Public reporting burden for this form is estimated to average 8 hours per response, including the time for reviewing instructions, gathering and maintaining data, and completing and reviewing the form. Direct comments regarding the burden estimate or any other aspect of this form to U.S. Department of the Interior, Bureau of Land Management (1004-0137), Bureau Information Collection Clearance Officer (WO-630), 1849 C St., N.W., Mail Stop 401 LS, Washington, D.C. 20240

Additional Information

Location of Well

0. SHL: SWNW / 1850 FNL / 790 FWL / TWSP: 24N / RANGE: 5W / SECTION: 6 / LAT: 36.344534 / LONG: -107.408016 (TVD: 0 feet, MD: 0 feet)

BHL: SWNW / 1850 FNL / 790 FWL / TWSP: 24N / SECTION: / LAT: 36.344534 / LONG: 107.408016 (TVD: 0 feet, MD: 0 feet)

JICARILLA B 22 API 30-039-05665 P&A SUMMARY

9/26/25-MIRU ND wellhead, NUBOP and function test BOP. Good test. Prep and tally 2 3/8" YB J55 tbg. PU & MU 3 7/8" bit, 3 7/8" string mill and bit sub on 2 3/8" J55 WS. PU 61 jnt 2 3/8" J55 tbg to EOT depth 1933'. SIW and secure. SDFWE. Geramie Havens, BLM/Jicarilla Representative onsite.

9/29/25-PJSM. SITP 0 psi. SICP 0 psi. SIBHP 0 psi. PU RIH w/ 136 jnt 2 3/8 J55 WS, tag TOC @ 4300'. LD tag jnt to EOT depth 4290'. RU mud pump, pump 30 bbls down 4 1/2" csg up 2 3/8" J55 WS. Pressure test 4 1/2" csg to 500 psi. Good test. Establish circ down 4 1/2" csg up 2 3/8" WS pumping 2 1/2 BPM, drilled hard cmt from 4300'- 4470', drilled stringers from 4471'- 4515', circ well clean. POOH w/ 6 jnts 2 3/8" J55 WS above bad csg w/ 136 jnt in hole, end of tbg depth 4332'. SIW and secure well. SDFN. Geramie Havens, BLM/Jicarilla Representative onsite.

9/30/25- PJSM. SITP 0 psi. SICP 0 psi. SIBHP 0 psi. PU RIH w/ 216 jnt 2 3/8 J55 WS, tag TOC @ 6818'. RU mud pump, establish circ down 4 1/2" csg up 2 3/8" WS pumping 3 BPM, circ well clean. POOH w/ 216 jnts 2 3/8" J55 WS, bit sub, string mill, and bit, standing tbg back in derrick. RU WL truck. RIH w/ CBL logging tools, ran CBL log from 6810 to surface. RD wireline truck. MU 2 3/8" tag sub on 2 3/8" J55 WS, RIH w/ 215 jnts 2 3/8" J55 WS and 8' 2 3/8" J55 pup jnt to 6818'. Load hole and circ 5 bbls fresh water down 2 3/8" J55 tbg, pressure test 4 1/2" csg to 600 psi. Good test. Pump Dakota/ Graneros plug #1, Inside balance plug, mix and pump 10 sxs 2 bbls 15.8 ppg class g cmt down 2 3/8" J55 WS, disp w 25.4 bbs fresh water. LD 6 jnts 2 3/8" J55 tbg, POOH w/15 stands 2 3/8" J55 tbg to EOT depth 5665'. SIW and secure. SDFN. Geramie Havens, BLM/Jicarilla Representative onsite.

10/1/25- PJSM. SITP 0 psi. SICP 0 psi. SIBHP 0 psi. Open well to rig pit. PU RIH w/ 31 jnt 2 3/8 J55 WS, tag TOC @ 6635' (192' Above Graneros formation top @ 6827'). Good tag. LD 23 jnts 2 3/8" J55 WS to EOT depth 5918' (187 jnts in hole). Pump Gallup plug #2 inside balance plug with 12 sxs 15.8 ppg class g cmt down 2 3/8" J55 WS and disp w/ 22.3 bbs fresh water. LD 29 jnts 2 3/8" J55 WS to EOT depth 5016' (158 jnts in hole). Pump Mancos plug #3 inside balance plug with 12 sxs 15.8 ppg class g cmt down 2 3/8" J55 WS and disp w/ 18.8 bbs fresh water. . LD 29 jnts 2 3/8" J55 WS to EOT depth 4097', POOH w/ 129 jnt 2 3/8" J 55 tbg and 2 3/8" tag sub standing tbg back in derrick. RU WL truck, RIH w/ 3 1/8" 4 spf perf gun and shot 4 1/2" csg @ 4158'. RD WL truck. PU & MU 4 1/2" CR on 2 3/8" J55 WS and RIH as follows: 4 1/2" CR, 129 jnt 2 3/8" J55 WS and 10' 2 3/8" pup jnt and set CR @ 4108'. Pressure test 2 3/8" J55 WS to 1400 psi. Good test. Sting out of CR load hole w/ 2 bbls FW, circ 5 bbls freshwater down 2 3/8" tbg up 4 1/2" csg, sting into CR pressure up to 1200 psi and could not get inj rate. Got approval from Virgel Lucero w/ BLM to put a 18 sxs inside balance plug to cover the Cliffhouse formation 4108'-3876' (232' plug) 18sxs and disp w/ 14.9 bbls fresh

water, LD 10 jnts 2 3/8" J55 WS to 3781 and rev circ clean w/ 15 bbls freshwater. POOH w/ 118 jnts 2 3/8" J55 WS and setting tool. MU 2 3/8" tag sub on 2 3/8" J55 WS and RIH w/ 30 stands to EOT depth 1898'. SIW and secure. SDFN. Geramie Havens, BLM/Jicarilla Representative onsite.

10/2/25- PJSM. SITP 0 psi. SICP 0 psi. SIBHP 0 psi. Open well to rig pit. RIH w/ 63 jnt 2 3/8" J55 WS, tag TOC @ 3893' (215' Above Cliffhouse formation top @ 4108'). Good tag. LD 26 jnts 2 3/8" J55 WS to EOT depth 3086' (97 jnts in hole). Pump Chacra plug #5 inside balance plug 3089-2934 (155' plug) with 12 sxs 15.8 ppg class g cmt down 2 3/8" J55 WS and disp w/ 11.3 bbs freshwater. LD 15 jnts 2 3/8" J55 WS to EOT depth 2623' (82 jnts + 24' of tbg subs in hole). Pump Pictured Cliffs, Fruitland, Kirtland, Ojo Alamo plug #6 Inside balance plug, 2623-1940' (683' plug) with 53 sxs 15.8 ppg class g cmt down 2 3/8" J55 WS and disp w/ 7.5 bbs freshwater. LD 70 jnts 2 3/8" J55 WS to EOT depth 386'. POOH w/ 12 jnt 2 3/8" J 55 tbg and 2 3/8" tag sub standing tbg back in derrick. RU WL truck, RIH w/ 3 1/8" 4 spf perf gun and shoot 4 1/2" csg @ 438' (Nacimiento formation). Load 4 1/2" csg w/ 18 bbls pump down 4 1/2' csg up 8 5/8" SC @ 2 BPM @ 300 psi. RD WL truck. PU & MU 4 1/2" CR on 2 3/8" J55 WS and RIH as follows: 4 1/2" CR, 12 jnt 2 3/8" J55 WS and set CR @ 388'. Pump Nacimiento, SC shoe, SC plug #7 Inside/ outside plug. Sting out of CR and circ 5 bbls freshwater down 2 3/8" tbg up 4 1/2" csg. Sting into CR Pump 122 sxs 15.8 ppg class g cmt down 2 3/8" J55 WS up 8 5/8" csg, circ good cmt to surface. Sting out of CR pump 29 sxs down 2 3/8" J55 WS up 4 1/2" csg, circ good cmt to surface. LD 12 jnts 2 3/8" J55 WS and setting tool, fill 4 1/2" csg w/.5 bbl 15.8 ppg class g cmt. Wash out tbg and setting tool. RD work floor, NDBOP and NU tbg head, SIW and secure. Wait on cmt. Prep to tag TOC this morning. SDFN. Geramie Havens, BLM/Jicarilla Representative onsite.

10/3/25- PJSM. SICP 0 psi. SIBHP 0 psi. ND tbg head, TOC @ surface. Cut off wellhead, TOC 4' from surface in 8 5/8" SC. Weld on P&A marker plate, topped off wellhead cellar and casings w/ 25 sxs 15.8 ppg class g cmt. RD AWS WOR 753 and cement equipment. Released WOR and cement equipment. WELL IS PLUGGED. Geramie Havens, BLM/Jicarilla Representative onsite.

P&A Plug Summery**Well Name: Jicarilla B 22****API # 30-039-05665****AFE: W001555****Date: 10/3/2025****Witnesses/ Contacts****Geramie Havens BLM/Jicarilla REP on location 505-427-7122****Loren Diede NMOCD REP by phone 505-505-394-3582****Kenneth Rennick BLM PE by phone 505-564-7742****Virgel Lucero BLM Lead Rep 505-793-1836**

	Sx	Cement	Top	Bottom	CR	Holes	Comments
Plug 1:	10	Class G 15.8 ppg	EST TOC @ 6683'	6818'	6925'	Dakota perfs 6964'-7022'	Tag TOC @ 6871'. Inside balance plug to top off Dakota top & Graneros top @ 6827'. (Tag TOC @ 6635')
Plug 2:	12	Class G 15.8 ppg	EST TOC @ 5763'	5918'	No	No	Inside balance plug. To cover Gallup formation Top @ 5868'
Plug 3:	12	Class G 15.8 ppg	EST TOC @ 4861'	5016'	No	No	Inside balance plug to cover Mancos formation top @ 4961'
Plug 4:	18	Class G 15.8 ppg	EST TOC @ 3876'	4108'	Set CR @ 4108'	Perf 4 1/2" csg @ 4157'-4158'	Could not get an inj rate. Pump inside balance plug 4108'-3876' to cove Cliffhoues formation top @ 4108' (Tag TOC @ 3893')
Plug 5:	12	Class G 15.8 ppg	EST TOC @ 2934'	3089'	No	No	Inside balance plug to cover Chacra formation top @ 3039'
Plug 6:	53	Class G 15.8 ppg	EST TOC @ 1940'	2623'	No	No	Inside balance plug to cover Pictured Cliffs, Fruitland, Kirtland & Ojo Alamo formation top @ 2044'
Plug 7:	151	Class G 15.8 ppg	Surface	438'	Set CR @ 386'	Perf 4 1/2" csg @ 437'-438'	Pump 122 sxs down down 2 3/8" WS thru CR up 8 5/8" SC, circ good cmt to surface. Sting out of CR pump 29 sxs down 2 3/8" WS up 4 1/2" csg, circ good cmt to surface to cover Nacimiento formation top @ 388' SC shoe & 8 5/8" SC
Plug 8:	25	Class G 15.8 ppg	Surface	4 1/2 Csg @ surface. 8 5/8 SC @ 4'	No	No	Top off casings & wellhead cellar. WELL IS PLUGGED





ENDURING RES.
JUE. 8/22
3003905665
JUE 68
SEC. 6 / T24N / RSW
NMP
RIO ARRIBA / NM.
36.344538
-107.408038
10/3/25

My Location



Mark My Location



More

Details

Address



Jicarilla Apache Indian
Reservation
Cuba, NM 87013
United States

Coordinates

36.34458° N, 107.40795° W



Report Something Missing

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/oed/contact-us>

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 520126

CONDITIONS

Operator: ENDURING RESOURCES, LLC 6300 S Syracuse Way Centennial, CO 80111	OGRID: 372286
	Action Number: 520126
	Action Type: [C-103] Sub. Plugging (C-103P)

CONDITIONS

Created By	Condition	Condition Date
loren.diede	None	10/27/2025