

Well Name: JICARILLA CONTRACT 155	Well Location: T26N / R5W / SEC 32 / SENW / 36.445582 / -107.386594	County or Parish/State: RIO ARRIBA / NM
Well Number: 29	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name: JICARILLA APACHE
Lease Number: JIC155	Unit or CA Name:	Unit or CA Number:
US Well Number: 3003922531	Well Status: Producing Gas Well	Operator: ENERVEST OPERATING LLC

Notice of Intent

Sundry ID: 2630917

Type of Submission: Notice of Intent	Type of Action: Plug and Abandonment
Date Sundry Submitted: 08/26/2021	Time Sundry Submitted: 01:12
Date proposed operation will begin: 11/24/2021	

Procedure Description: See attached plugging procedure and reclamation plan.

Surface Disturbance

Is any additional surface disturbance proposed?: No

NOI Attachments

- Procedure Description
- Jic_155_029_03922531_ReclamationPlan_20210831090310.pdf
 - Jic_155_029_03922531_PA_procedure_20210831090310.pdf
 - Jic_155_029_03922531__proposed_WB_20210831090310.pdf

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Conditions of Approval

Additional Reviews

General_Requirement_PxA_20211215112528.pdf
Jicarilla_Contract_155_No_29_Geo_Rpt_20211201132217.pdf

Authorized Officer

2630917_NOIA_155_29_3003922531_KR_12152021_20211215112938.pdf

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: AMY ARCHULETA	Signed on: AUG 31, 2021 09:03 AM
Name: ENERVEST OPERATING LLC	
Title: Regulatory Supervisor	
Street Address: 2700 FARMINGTON AVE., BLDG K SUITE 1	
City: FARMINGTON	State: NM
Phone: (505) 325-0318	
Email address: AARCHULETA@HIGHRIVERLLC.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: 5055647742	BLM POC Email Address: krennick@blm.gov
Disposition: Approved	Disposition Date: 12/15/2021
Signature: Kenneth Rennick	

**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: Jicarilla Contract 155 29

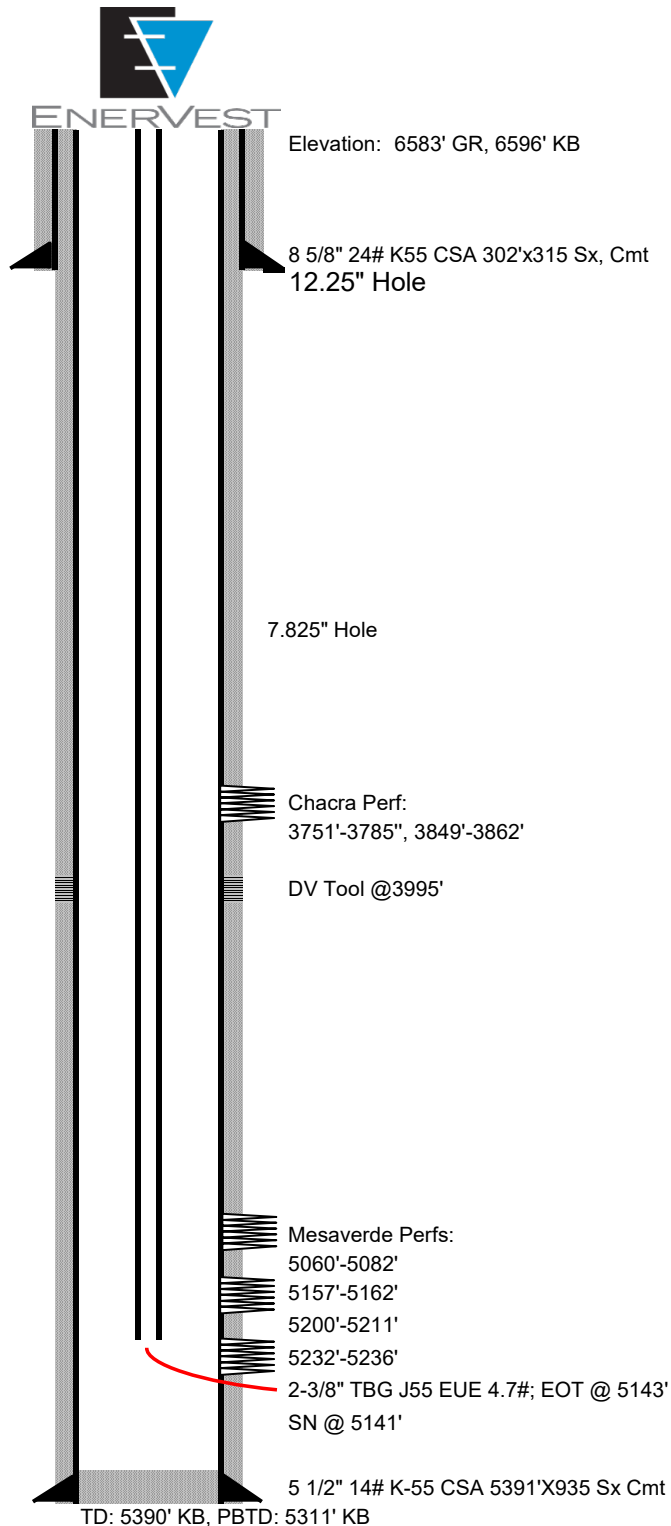
CONDITIONS OF APPROVAL

1. Plugging operations authorized are subject to the attached "General Requirements for Permanent Abandonment of Wells on Federal and Indian Lease."
2. The following modifications to your plugging program are to be made:
 - a) Plug 3: TOC must be extended to 2000 feet to account for a moved top and required excess.
3. Farmington Office is to be notified at least 24 hours before the plugging operations commence (505) 564-7750.

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.

K. Rennick 12/15/2021



Jicarilla 155 No. 29

Location: 18100' FNL, 1520' FWL, Sec 32,
T26N, R5W, Rio Arriba County, New
Mexico
Lse #: Jicarilla Contract #155

Field: Otero Chacra/Blanco Mesaverde

API #: 30-039-22531

Spud Date: December 8, 1980

Pump & Rod Details: 11/27/2017

1- 1 1/4" Polish Rod w/ 1 1/2"x12' Line
1- 7/8" Pony Sub (6')
3- 7/8" Rods (New)
74- 7/8" Rods (Used)
102- 3/4" Rods (Used)
3- 3/4" Rods w/ Molded guides
22- 7/8" Rods (Used)
1- 1" Lift Sub
1- 2"x1-1/2"x18' RWAC Pump

Frac: 80k gal of foam & 123k # 10/20 sand.

Frac: 70k gal & 112k # 10/20 sand.

Well History

4/21/1981 Well was originally a dual string completion.
7/15/1996 Mill out packer; clean out to 5296' tag @ 5296'; 60' of rat hole land 2-3/8" tbg @ 5233'
10/12/2017 CSG Failure; Landed @ MIDPERF w/147' Rathole below tbg & 54' rathole below bottom perf
tag fill @ 5290'
11/27/2017 Conver to Pumping Unit; Run new pump

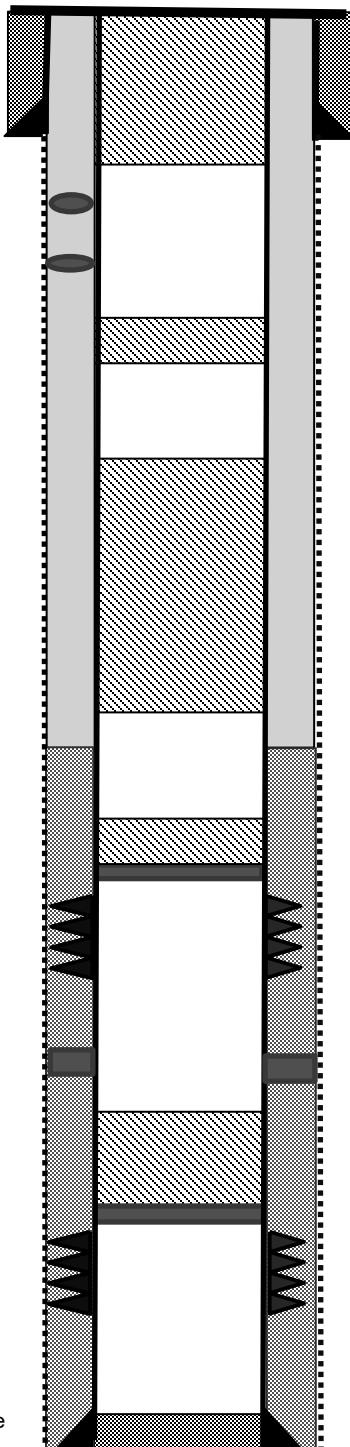
Delia Pacheco
12/17/2021

Apache 155 No. 29**Proposed P&A****Otero Chacra / Blanco Mesaverde****1810' FNL, 1520' FWL, Section 32, T-26-N, R-5-W,****Rio Arriba County, NM API #30-039-22531**

Today's Date: 3/30/31

Top of Hole @ 489'. Spot 180
 Sxs B cmt w/1% CaCl2 and circ 10
 sxs out BH. Pump 60 sxs w/1%
 CaCl2 down csg valve, circ good
 cmt. Hesitate sqz 1 bbl. DO to
 825'. Run CBL 3669' to surf. Good
 cmt surf shoe to surface. Found
 holes 733' to surf shoe. Squeeze
 20 sxs Ultra (same as Mirco Matrex)
 down tubing to isolate holes. DO
 cmt.PT. MOL. (10/2017)

12.25" hole



Plug #5: 352' - 0'
 Class G cement, 41 sxs

8.625", 24#, Casing set @ 302'
 Cement with 315 sxs, circulate to surface

Plug #4: 1092' - 992'
 Class G cement, 18 sxs

Plug 3: 2920' - 2262'
 Class G cement, 83 sxs

Plug #2: 3701' - 3601'
 Class G cement, 18 sxs

Set CR @ 3701'
 Chacra Perforations:
 3751' - 3862'

DV Tool @ 3995'
 Stage 2: cement with 620 sxs; no circ

Set CR @ 5010'
Plug #1: 5010' - 4482'
 Class G cement, 68 sxs

Mesaverde Perforations:
 5060' - 5236'

5.5" 14#, casing set @ 5391'
 Stage 1: cement with 315 sxs

7-7/8" Hole

TD 5395'
PBTD 5311'

Nacimiento @ 1042'

Ojo Alamo @ 2312'

Kirtland @ 2490'

Fruitland @ 2680'

Pictured Cliffs @ 2870'

Chacra @ 3748'

Mesaverde @ 4532'

BLM - FFO - Geologic Report**Date Completed** 12/1/2021

Well No. Jicarilla Contract 155 # 29

Surf. Loc. 1810
Sec. 32FNL 1520
T26NFWL
R5W

Lease No. Jic 155

Operator Enervest Operating LLC
TVD 5395 PBD 5311
Elevation GL 6583County Rio Arriba
Formations
Elevation Est. KB 6597

State New Mexico

Geologic Formations Est. tops Subsea Elev.

Geologic Formations	Est. tops	Subsea Elev.
San Jose Fm.	Surface	6583
Nacimiento Fm.	850	5747
Ojo Alamo Ss	2056	4541
Kirtland Fm.	2495	4102
Fruitland Fm.	2685	3912
Pictured Cliffs	2875	3722
Lewis Shale (Main)	2955	3642
Huerfanito Bentonite	3312	3285
Chacra (lower)	3753	2844
Cliff House Ss	4537	2060

Remarks

Surface /fresh water sands
Fresh water aquifer

Coal/gas/possible water
Possible water
Source rock
Reference bed
Possible gas/water
Water

Remarks:Reference Well:

-Vertical wellbore, all formation depths are TVD from KB
--The Cliff House should be used as the top of the Mesa Verde for plugging purposes.
The Plug 3 TOC (Kpc-Toa) must be extended to 2000' to account for a moved top and required excess.
H2S has been detected in the adjacent sections in wells completed in the Mesa Verde, Gallup, and the Dakota.

1) Fm Tops
Enervest Operating LLC
Jicarilla Gas Com C # 1E
1560 FNL, 1770 FWL
S32F, T26N, R5W
GL= 6578, KB= 6592

Prepared by: Walter Gage

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 67313

CONDITIONS

Operator: High River Resources Operating, LLC 2700 Farmington Ave FARMINGTON, NM 87401	OGRID: 328985
	Action Number: 67313
	Action Type: [C-103] NOI Plug & Abandon (C-103F)

CONDITIONS

Created By	Condition	Condition Date
kpickford	Notify NMOCD 24 Hours Prior to beginning operations	1/3/2022
kpickford	Adhere to BLM plugs and COAs, See GEO Report.	1/3/2022