

Well Name: GARRETT COM	Well Location: T29N / R11W / SEC 12 / SENE / 36.741755 / -107.937064	County or Parish/State: SAN JUAN / NM
Well Number: 100S	Type of Well: OTHER	Allottee or Tribe Name:
Lease Number: NMNM03717B	Unit or CA Name: GARRETT COM	Unit or CA Number: NMNM96707
US Well Number: 3004534835	Well Status: Temporarily Abandoned	Operator: HILCORP ENERGY COMPANY

Notice of Intent

Sundry ID: 2635188

Type of Submission: Notice of Intent	Type of Action: Plug and Abandonment
Date Sundry Submitted: 09/21/2021	Time Sundry Submitted: 08:50
Date proposed operation will begin: 10/03/2021	

Procedure Description: Hilcorp Energy Company requests permission to P&A the subject well per the attached procedure, current and proposed wellbore schematic. The Pre-Disturbance Site Visit was held on 9/20/2021 with Bob Switzer/BLM. The re-vegetation plan is attached. A closed loop system will be used.

Surface Disturbance

Is any additional surface disturbance proposed?: No

NOI Attachments

Procedure Description

P\_A\_Procedure\_\_\_Garrett\_Com\_100S\_20210921084939.pdf

<b>Well Name:</b> GARRETT COM	<b>Well Location:</b> T29N / R11W / SEC 12 / SENE / 36.741755 / -107.937064	<b>County or Parish/State:</b> SAN JUAN / NM
<b>Well Number:</b> 100S	<b>Type of Well:</b> OTHER	<b>Allottee or Tribe Name:</b>
<b>Lease Number:</b> NMNM03717B	<b>Unit or CA Name:</b> GARRETT COM	<b>Unit or CA Number:</b> NMNM96707
<b>US Well Number:</b> 3004534835	<b>Well Status:</b> Temporarily Abandoned	<b>Operator:</b> HILCORP ENERGY COMPANY

Conditions of Approval

Additional Reviews

2635188\_NOIA\_100S\_30045234835\_KR\_10212021\_20211021172339.pdf  
29N11W12HKkf\_Garrett\_Com\_100S\_20211021151037.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:** AMANDA WALKER  
**Signed on:** SEP 21, 2021 08:50 AM  
**Name:** HILCORP ENERGY COMPANY  
**Title:** Operations/Regulatory Technician  
**Street Address:** 1111 TRAVIS ST.  
**City:** HOUSTON **State:** TX  
**Phone:** (346) 237-2177  
**Email address:** mwalker@hilcorp.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:** 10/21/2021  
**Signature:** Kenneth Rennick

**Plug and Abandonment - NOI****Garrett Com 100S****API # - 3004534835****Procedure:**

Hold PJSM prior to beginning any and all operations. Properly document all operations via the JSA process. Ensure that all personnel onsite abide by HEC safety protocol, including PPE, housekeeping, and standard guidelines.

Verify cathodic protection is off and wellhead instrumentation is properly disconnected from the wellhead. Comply with all NMOCD, BLM, and HEC safety and environmental regulations.

Verify there is no H<sub>2</sub>S present prior to beginning operations. If any H<sub>2</sub>S is present, take the necessary actions to ensure that the location is safe prior to beginning operations.

Observe and record pressures across all string daily, prior to beginning operations.

**Remember to notify NMOCD 24 hours prior to starting operations on location.**

**NOTE: This procedure is contingent upon P&A sundry approval by NMOCD.** All cement volumes use 100% excess outside pipe and 50' excess inside (unless otherwise stated). All cement will be Class G, mixed at 15.8 ppg w/ a 1.15 cf/sx yield. The stabilizing wellbore fluid will be an 8.3 ppg fluid, sufficient to balance all exposed formation pressures.

1. This project will use a steel tank to handle waste fluids circulated from the well and cement wash up.
2. Test anchors if not using a base beam. Comply with all NMOCD, BLM, and HEC safety regulations. MIRU and conduct safety meeting for all personnel on location.
3. Record casing, tubing, and bradenhead pressures. NU relief line and blow down well. Kill well with water as necessary. Ensure well is dead or on a vacuum.
4. ND wellhead and NU BOP, rig up 1.5" coil unit
5. **Plug #1, 1908' - 1858' (Fruitland Top:1608')** EXISTING CIBP AT 1908'. RIH with coil and tag top of CIBP.
6. Establish circulation and spot 0.75bbls of cement on CIBP
7. Circulate 25bbl. of plug mud above cement
8. POOH to 950'
9. **Plug #2, 950' - 850' (Kirtland Top: 1000' Ojo Alamo Top:926')** Spot 1.6 bbls of cement. POOH to 140'
10. **Plug #3, 175' - Surface (Surface Shoe: 139')** Circulate cement (~2.8 bbl.) to surface.

11. 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.



## Schematic - Current

Well Name: GARRETT COM #100S

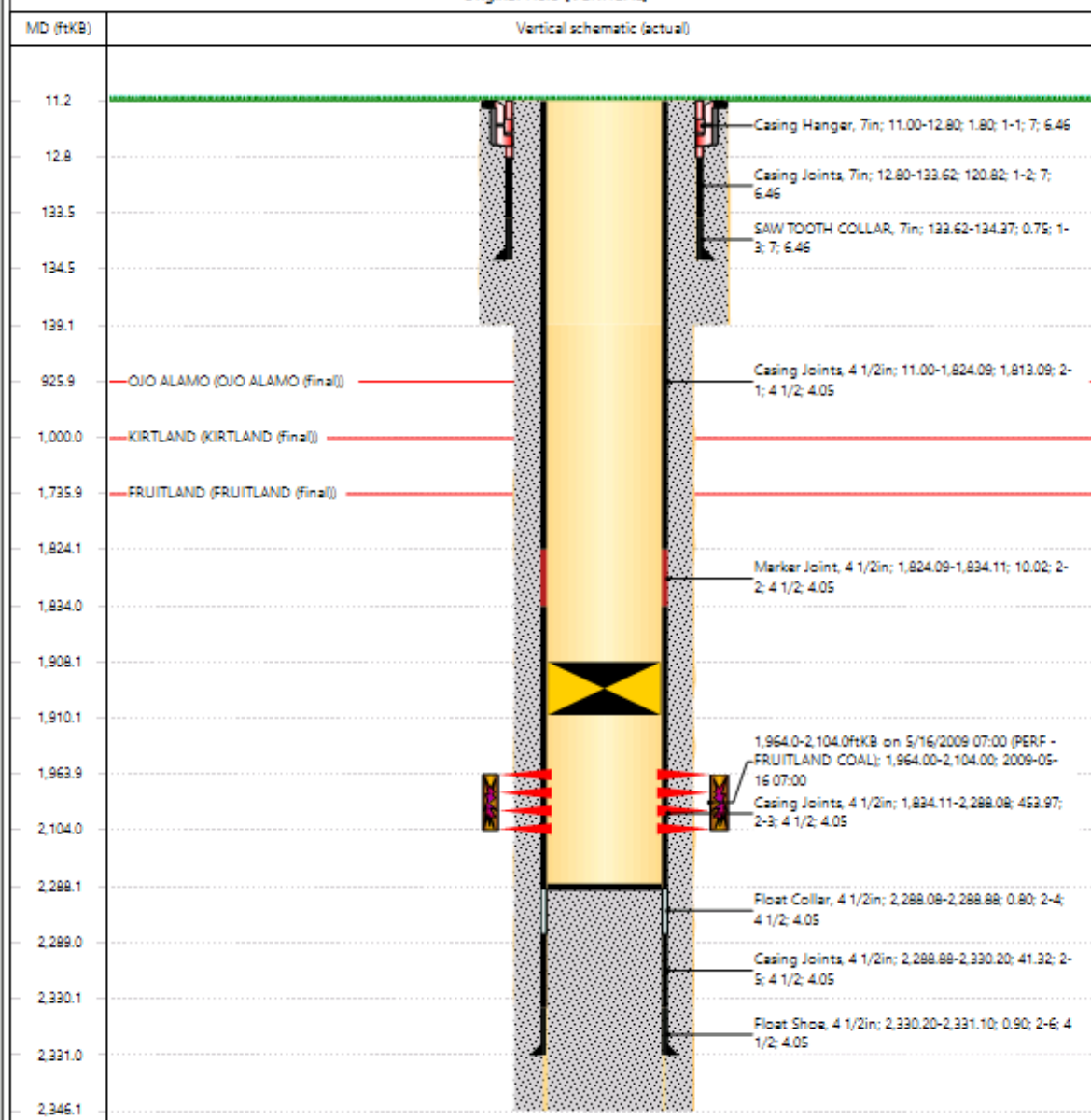
API Well 3004534835	Surface Legal Location 012-029N-011W-H	Field Name BASIN FRUITLAND COAL	License No.	State/Province NEW MEXICO	Well Configuration Type VERTICAL
Original R/B/R/E Elevation (ft) 5,813.00	R/B-Ground Distance (ft) 11.00	Original Spud Date 1/26/2009 09:00	Rig Release Date	Perf (All) (ft) Original Hole - 2,288.0	Total Depth All (ft) (ft) Original Hole - 2,346.0

## Most Recent Job

Job Category WELL INTERVENTION	Primary Job Type MIT	Secondary Job Type	Actual Start Date 4/19/2016	End Date 4/25/2016
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TD: 2,346.0

Original Hole [VERTICAL]



## Schematic - Proposed

Well Name: GARRETT COM #100 S

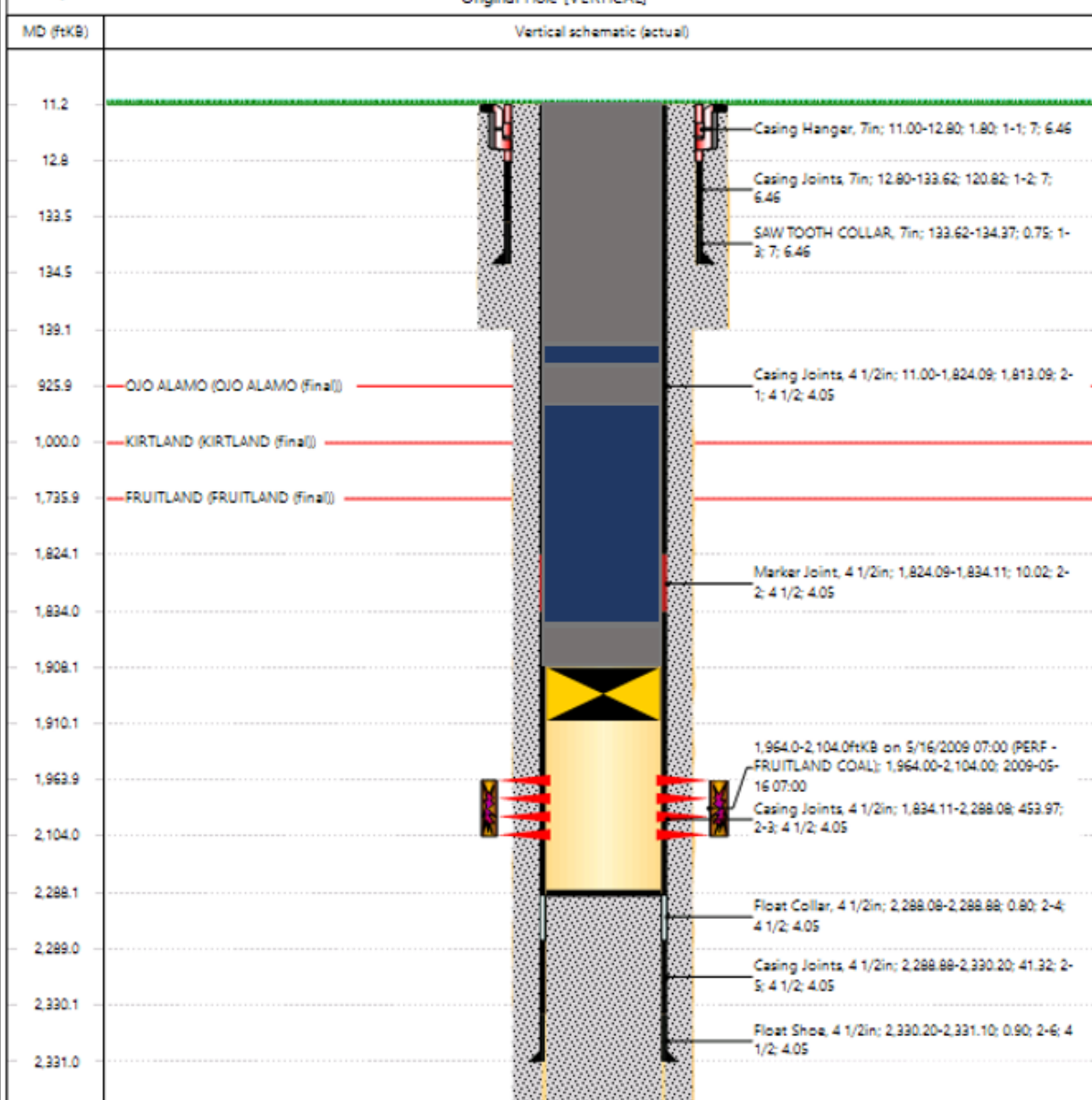
API# QWY	Surface Lease Location	Field Name	License No.	State/Province	Well Configuration Type
3004534835	012-029N-011W-H	Basin Fruitland Coal		NEW MEXICO	VERTICAL
Original K&B RT Elevation (ft)	K&B-Grnd Distance (ft)	Original Spud Date	Rig Release Date	Perf (All) (ft/KB)	Total Depth All (ft/KB)
5,813.00	11.00	1/26/2009 09:00		Original Hole - 2,288.0	Original Hole - 2,346.0

## Most Recent Job

Job Category	Primary Job Type	Secondary Job Type	Actual Start Date	End Date
WELL INTERVENTION	MIT		4/19/2016	4/25/2016

TD: 2,346.0

Original Hole [VERTICAL]



Hilcorp Energy  
P&A Final Reclamation Plan  
Garrett Com 100S  
API: 30-045-34835  
T29N-R011W-Sec. 12-Unit H  
LAT: 36.74176 LONG: -107.93642 NAD 27  
Footage: 2069' FNL & 898' FEL  
San Juan County, NM

1. PRE- RECLAMATION SITE INSPECTION

A pre-reclamation site inspection was completed with Bob Switzer from the BLM and Eufracio Trujillo, Hilcorp Energy SJ South Construction Foreman on September 20, 2021.

2. LOCATION RECLAMATION PROCEDURE

1. Reclamation work will begin in summer/ fall time period.
2. Removal of all equipment, anchors, cathodic protection, T-blocks, and flowlines.
3. Spray entire location for Halogeton.
4. All trash and debris will be removed within a 50' buffer outside of the location disturbance during reclamation.
5. Rip compacted soil and walk down entire well pad.
6. Remove pipe and debris off of side of location.
7. Push in fill side on the Southeastern and South edges and push into cut side on North side of location to recontour close to natural surroundings.
8. Remove all gravel from berms, pads, and meter run.
9. Enterprise needs to remove line from location to dogleg.
10. P&A cathodic well.

3. ACCESS ROAD RECLAMATION PROCEDURE

1. The well access road will be blocked at the main lease road with a berm.
2. Reclaim road by ripping and broadcast seeding.
3. Remove culvert from road.
4. Insert small water bars for erosion control down road to help with runoff.

4. SEEDING PROCEDURE

1. A Pinion/Juniper seed mix mixed with some sage will be used for all reclaimed and disturbed areas of the well pad and lease road.
2. Drill seed will be done where applicable, and all other disturbed areas will be broadcast seeded and harrowed. Broadcast seeding will be applied at a double the rate of seed.
3. Timing of the seeding will be when the ground is not frozen or saturated.

5. WEED MANAGEMENT

1. Halogeton was identified during this onsite. We will spray entire location before we rip and push location.



**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: Garrett Com 100S

**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) Plug 1: Add a plug, or extend plug 1, to cover the Fruitland formation top at 1608 feet.
  - b) Plug 2: Adjust plug to cover the interval from 1055 to 876 feet the Kirtland and Ojo Alamo formation tops.
  - c) Plug 3: Confirm the location of the surface casing shoe. The procedure has 139 feet depth, while the schematic and other wellbore data has the shoe has 125 feet. If indeed 125 feet, no modifications. If 139 feet, the plug will need to be adjusted to be 50 feet below surface casing depth.

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 10/21/2021

# BLM FLUID MINERALS P&A Geologic Report

**Date Completed:** 10/21/2021

Well No. Garrett Com #100S (API# 30-045-34835)		Location	2069	FNL	&	898	FEL	
Lease No. NMNM03717B		Sec. 12	T29N			R11W		
Operator Hilcorp Energy Company		County	San Juan		State	New Mexico		
Total Depth	2346'	PBTD	2288'		Formation			Fruitland
Elevation (GL)		5802'		Elevation (KB)		5813'		

Geologic Formations	Est. Top	Est. Bottom	Log Top	Log Bottom	Remarks
San Jose Fm					
Nacimiento Fm			Surface	926	Fresh water sands
Ojo Alamo Ss			926	1005	Aquifer (fresh water)
Kirtland Shale			1005	1608	
Fruitland Fm			1608	2127	Coal/Gas/Possible water
Pictured Cliffs Ss			2127	PBTD	Gas
Lewis Shale					
Chacra (La Ventana)					
Cliff House Ss					Water/Possible gas
Menefee Fm					Coal/Ss/Water/Possible O&G
Point Lookout Ss					Probable water/Possible O&G
Mancos Shale					
Gallup					O&G/Water
Greenhorn					
Graneros Shale					
Dakota Ss					O&G/Water

Remarks:

P & A

- BLM pick for the Kirtland formation top varies slightly from operator pick.

- No CBL on file.

- Add a plug, or extend Plug #1, to cover the Fruitland formation top @ 1608'.

- Adjust Plug #2 to cover the interval from 1055' – 876' to cover the Kirtland and Ojo Alamo formation tops.

- Bring the bottom of Plug #3 (surface shoe) down to 189' to cover 50' below the shoe @ 139'.

- The plugs proposed in the P&A procedure, with adjustments recommended above, will adequately protect any freshwater sands in this well bore.

- Fruitland coal perms @ 1964' – 2104'. CIBP @ 1908'.

Reference Well:

1) **Formation Tops**  
Same

Prepared by: Chris Wenman

**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**

COMMENTS

Action 57975

## COMMENTS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 57975
	Action Type: [C-103] NOI Plug & Abandon (C-103F)

## COMMENTS

Created By	Comment	Comment Date
kpickford	KP GEO Review 11/4/2021	11/4/2021

**District I**

1625 N. French Dr., Hobbs, NM 88240  
Phone:(575) 393-6161 Fax:(575) 393-0720

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

CONDITIONS

Action 57975

**CONDITIONS**

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 57975
	Action Type: [C-103] NOI Plug & Abandon (C-103F)

**CONDITIONS**

Created By	Condition	Condition Date
kpickford	Notify NMOCD 24 Hours Prior to beginning operations	11/4/2021
kpickford	Adhere to BLM approved plugs	11/4/2021