

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires: October 31, 2014

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.

124 TR #221

6. If Indian, Allottee, or Tribe Name

Jicarilla Apache Tribe

SUBMIT IN TRIPLICATE - Other Instructions on page 2

1. Type of Well

☐

Oil Well

☒

Gas Well

☐

Other

2. Name of Operator

Enervest Operating, LLC

3a. Address

1001 Fannin ST., Suite 800 Houston, TX 77002-6707

3b. Phone No. (include area code)

713-659-3500

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1850' FEL & 1850' FSL, Se. 13, (UL J) T25N, R04W

7. If Unit or CA/Agreement Name and/or No.

8. Well Name and No.

Jicarilla Apache Tribal 124 #3

9. API Well No.

30-039-22140

10. Field and Pool, or Exploratory Area

Ojito Gallup/Dakota

11. County 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

☐ Fracture Treat

☐ 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 recompleat horizontally, give subsurface locations and measured and true vertical depths or pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with the 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 Notice must be filed only after all requirements, including reclamantion, have been completed, and the operator has determined that the site is ready for final inspection.)

Enervest Operating, LLC proposes to plug and abandon this well.

P & A will commence late autumn 2015. The start and completion of this work is subject to changes due to rig availability, weather and road conditions.

A Closed-Loop Sysem will be used for this operation. Attached is Procedure and Wellbore Diagram.

An on site inspection was conducted with Mr. Robert Switzer, BLM Environmental Protection Specialist, on September 22, 2015. See attached Reclamation Plan.

OIL CONS. DIV DIST. 3

BLM'S APPROVAL OR ACCEPTANCE OF THIS ACTION DOES NOT RELIEVE THE LESSEE AND OPERATOR FROM OBTAINING ANY OTHER AUTHORIZATION REQUIRED FOR OPERATIONS ON FEDERAL AND INDIAN LANDS

Notify NMOCD 24 hrs prior to beginning operations

SEE ATTACHED FOR CONDITIONS OF APPROVAL

OCT 06 2015

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

Shelly Doescher

Title

Regulatory Consultant

Signature

Date

September 24, 2015

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

PE

Date

10/2/15

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

FFO

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 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)

NMOCD

PLUG AND ABANDONMENT PROCEDURE

August 28, 2015

Jicarilla Apache 124 #3

Ojito Gallup / Dakota

1850' FEL and 1850' FSL, (UL J) Section 13, T25N, R4W

Rio Arriba County, New Mexico / API 30-039-22140

Lat: N 36.3974609567682/ Lat: W -107.201172310597

Note: All cement volumes use 100% excess outside pipe and 50' excess inside. The stabilizing wellbore fluid will be 8.3 ppg, sufficient to balance all exposed formation pressures. All cement will be Class B, mixed at 15.6 ppg with a 1.18 cf/sx yield.

1. This well requires the use of an A-Plus steel tank to handle waste fluids circulated from the well and cement wash up.
2. Install and test location rig anchors. Comply with all NMOCD, BLM, and Operator safety regulations. MOL and RU daylight pulling unit. Conduct safety meeting for all personnel on location. Record casing, tubing and bradenhead pressures. NU relief line and blow down well. Kill well with water as necessary and at least pump tubing capacity of water down the tubing. ND wellhead and NU BOP. Function test BOP.
3. Rods: Yes X, No , Unknown .
Tubing: Yes X, No , Unknown , Size 2-3/8, Length 6666'.
Packer: Yes , No , Unknown , Type .
If this well has rods or a packer, then modify the work sequence in step #2 as appropriate.
4. **NOTE: BLM requires a CBL log to be run on all wells where the cement did not circulate to surface or where a T.S. or CBL log was not previously run. This procedure is prepared with the understanding that it may be modified based on the TOC from the CBL.**
5. **Plug #1 (Dakota/Gallup perforations and top, 6735' - 6635'):** Round trip gauge ring or casing scraper to 6735', or as deep as possible. RIH and set 5.5" cement retainer at 6735'. Pressure test tubing to 1000 PSI. Load casing with water and circulate well clean. Pressure test casing to 1000#. **If the casings do not test, then spot or tag subsequent plugs as appropriate.** Circulate well clean. Mix 17 sxs Class B cement inside casing from 6813' to isolate the Dakota/Gallup interval. PUH.
6. **Plug #2 (Mancos top, 6034' - 5934'):** Mix and pump 17 sxs Class B cement and spot a balanced plug inside casing to cover the Mancos top. PUH.
7. **Plug #3 (Mesaverde top, 5606' - 5506'):** Mix and pump 17 sxs Class B cement and spot a balanced plug inside casing to cover the Mesaverde top. PUH.
8. **Plug #4 (Chacra top, 4897' - 4797'):** Mix and pump 17 sxs Class B cement and spot a balanced plug inside casing to cover the Chacra top. PUH.

9. **Plug #5 (Pictured Cliffs, Fruitland, Kirtland and Ojo Alamo tops, 4007' – 3416')**: Mix and pump 73 sxs Class B cement and spot a balanced plug inside casing to cover the Pictured Cliffs, Fruitland, Kirtland and Ojo Alamo tops. PUH.
10. **Plug #6 (Nacimiento top, 2186' – 2086')**: Mix and pump 73 sxs Class B cement and spot a balanced plug inside casing to cover the Pictured Cliffs, Fruitland, Kirtland and Ojo Alamo tops. PUH.
11. **Plug #7 (8.625" casing shoe, 359' – 0')**: Attempt to pressure test the bradenhead annulus to 300 PSI; note the volume to load. If the BH annulus holds pressure, then establish circulation out casing valve with water. Mix approximately 45 sxs cement and spot a balanced plug from 359' to surface, circulate good cement out casing valve. TOH and LD tubing. Shut well in and WOC. If the BH annulus does not test, then perforate at the appropriate depth and attempt to circulate cement to surface filling the casing from 359' and the annulus from the squeeze holes to surface. Shut in well and WOC.
12. ND cementing valves and cut off wellhead. Fill annuli with cement as necessary. Install P&A marker to comply with regulations. Record GPS coordinate for P&A marker on tower report. Photograph P&A marker in place. RD, MOL and cut off anchors. Restore location per BLM stipulations

Jicarilla Apache 124 #3

Current

Ojito Gallup / Dakota

1850' FEL, 850' FSL, (ULJ) Section 13, T-25-N, R-4-W

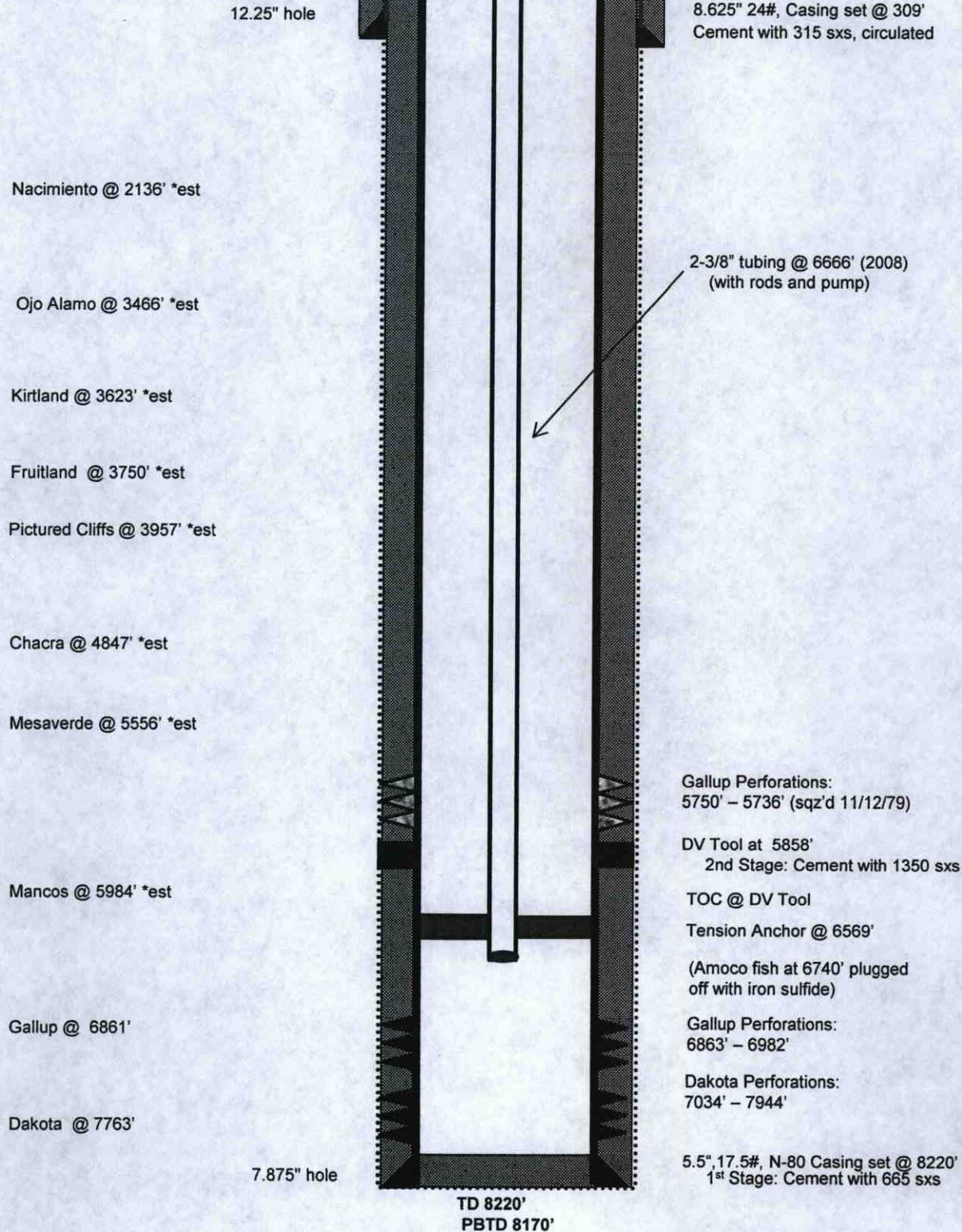
Rio Arriba County, NM, API #30-039-22140

Today's Date: 8/28/14

Spud: 9/6/79

Completed: 11/16/79

Elevation: 7088' GL



Jicarilla Apache 124 #3

Proposed P&A

Ojito Gallup / Dakota

1850' FEL, 1850' FSL, (UL J) Section 13, T-25-N, R-4-W

Rio Arriba County, NM, API #30-039-22140

Today's Date: 8/28/14

Spud: 9/6/79

Completed: 11/16/79

Elevation: 7088' GL

12.25" hole

Nacimiento @ 2136' *est

Ojo Alamo @ 3466' *est

Kirtland @ 3623' *est

Fruitland @ 3750' *est

Pictured Cliffs @ 3957' *est

Chacra @ 4847' *est

Mesaverde @ 5556' *est

Mancos @ 5984' *est

Gallup @ 6861'

Dakota @ 7763'

7.875" hole

TD 8220'
PBD 8170'

TOC circulated to surface

8.625" 24#, Casing set @ 309'
Cement with 315 sxs, circulated

Plug #7: 359' - 0'
Class B cement, 45 sxs

Plug #6: 2186' - 2086'
Class B cement, 17 sxs

Plug #5: 4007' - 3416'
Class B cement, 73 sxs

Plug #4: 4897' - 4797'
Class B cement, 17 sxs

Plug #3: 5606' - 5506'
Class B cement, 17 sxs

Gallup Perforations:
5750' - 5736' (sqz'd 11/12/79)

DV Tool at 5858'
2nd Stage: Cement with 1350 sxs

TOC @ DV Tool
Plug #2: 6034' - 5934'
Class B cement, 17 sxs

Set CR @ 6735'
(Amoco fish at 6740' plugged
off with iron sulfide)
Plug #1: 6735' - 6635'
Class B cement, 17 sxs

Gallup Perforations:
6863' - 6982'

Dakota Perforations:
7034' - 7944'

5.5", 17.5#, N-80 Casing set @ 8220'
1st Stage: Cement with 665 sxs

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 Apache 124 #3

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) Bring the top of plug #1 to **6527 ft.** to cover the Gallup top. **BLM picks top of Gallup at 6577 ft.** Adjust cement volume accordingly.
- b) Set Plug #2 (**6255-6155**) **ft.** to cover the Mancos top. **BLM picks top of Mancos at 6205 ft.**
- c) Bring the top of plug #3 to **5161 ft.** to cover the Mesaverde top. **BLM picks top of Cliff House at 5211 ft.** Adjust cement volume accordingly.
- d) Set Plug #5 (**3588-3043**) **ft.** to cover the Pictured Cliffs, Fruitland, Kirtland, and Ojo Alamo tops. **BLM picks top of Pictured Cliffs at 3538 ft. and top of Ojo Alamo at 3093 ft**
- a) Set Plug #6 (**1871-1771**) **ft.** to cover the Nacimiento top. **BLM picks top of Nacimiento at 1821 ft.**

Operator will run a CBL to verify cement top. Submit the electronic copy of the log for verification to the following addresses: tsalyers@blm.gov Brandon.Powell@state.nm.us

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.