

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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.

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		5. Lease Serial No. JIC126
2. Name of Operator ENERVEST OPERATING LLC		6. If Indian, Allottee or Tribe Name JICARILLA APACHE
3a. Address 1001 FANININ STREET SUITE 800 HOUSTON, TX 77002		7. If Unit or CA/Agreement, Name and/or No.
3b. Phone No. (include area code) Ph: 505-320-5682		8. Well Name and No. KEETOM JICARILLA 1
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 12 T24N R4W SWNW 1850FNL 790FWL		9. API Well No. 30-039-20203-00-S1
		10. Field and Pool or Exploratory Area SOUTH BLANCO
		11. County or Parish, State RIO ARRIBA COUNTY, NM

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" 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 type="checkbox"/> Other
	<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 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.

This well has been plugged and abandoned.
Please see attached procedure and wellbore diagram.

OIL CONS. DIV DIST. 3

JAN 24 2018

14. I hereby certify that the foregoing is true and correct. Electronic Submission #398269 verified by the BLM Well Information System For ENERVEST OPERATING LLC, sent to the Rio Puerco Committed to AFMSS for processing by JACK SAVAGE on 01/17/2018 (18JWS0013SE)	
Name (Printed/Typed) ROY GREENE	Title ENGINEER
Signature (Electronic Submission)	Date 12/17/2017

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By ACCEPTED	JACK SAVAGE Title PETROLEUM ENGINEER	Date 01/17/2018
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) **** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ****

NMOCD

File sundry's in a timely manner. 5

Keetom Jicarilla #1

As Plugged 9/20

South Blanco Pictured Cliffs

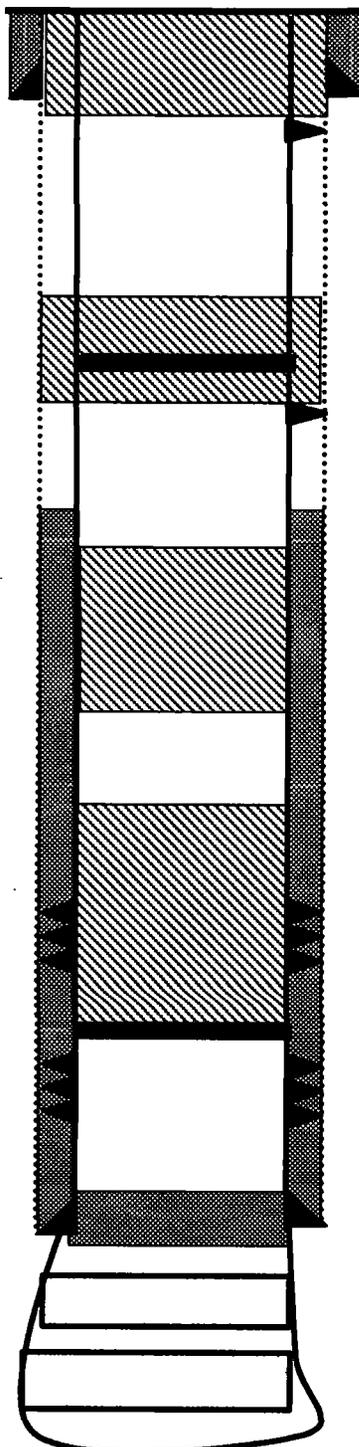
1850' FNL, 790' FWL, Section 12, T-24-N, R-4-W,

Rio Arriba County, NM / API #30-039-20203

Lat _____ / Long _____

Today's Date: 10/5/17
Spud: 5/18/69
Completed: 7/12/69
Elevation: 6812' GL

12.75" hole



Set DHM with 25 sxs from 75' to surface

8.625" 24# Casing set @ 209'
Cement with 150 sxs, circulated to surface

Perforate @ 400'

Plug #4: 400' - 0'
Class B cement, 134 sxs:

Nacimiento @ 1093'

Set CR @ 1100'

Plug #3: 1093' - 894'
Class B cement, 59 sxs:
29 inside and 30 outside

Perforate @ 1143'

TOC @ 1732' (17 CBL)

Ojo Alamo @ 2487'

Plug #2: 2727' - 2227'
Class B cement, 58 sxs:

Kirtland @ 2654'

Fruitland @ 2837'

Pictured Cliffs @ 2984'

Pictured Cliffs Perforations:
2985' - 3023'

Set Baker Model "K" retainer at 3614'
(1969).

Chacra @ 3853'

Chacra Perforations:
3859' - 3861'

5.5", 14# Casing set @ 4107'
Cement with 350 sxs

7.875" hole

Mesaverde 4627'

Plug #2: 4600' - 4700' 32 sxs (1969)

Mancos @ 5273'

Plug #1: 5100' - 5200' 32 sxs (1969)

TD 5350'
PBD 3614'



EnerVest Operating, LLC
 1001 Fannin St. Suite 800
 Houston, TX 77002-6707

P.O. Box 1979, Farmington, NM 87499
 (505) 325-2627

Name: Keetom Jicarilla #1
 API:30-039-20203, 10/04/2017

Well Plugging Report

Cement Summary

Plug #1, Pictured Cliffs and Fruitland top; inside only 102 sxs of Class B (15.5 ppg, 120.4 cf.) from 2736 ft. to 3614 ft.; WOC over night; B. Hammond with Jicarilla BLM and B. Powell with NMOCD approved TOC on 9-15-17 at 8:50 AM

Plug #2, Kirtland and Ojo Alamo top; inside only 58 sxs of Class B (15.5 ppg, 68.4 cf.) from 2227 ft. to 2727 ft.; WOC over night; tagged with tubing at 2323 ft. B. Hammond with the Jicarilla BLM and B. Powell with NMOCD approved changing plug to inside only based on the CBL on 9-15-17 at 11:55 AM

Plug #3, Nacimiento top; 3 SQZ holes at 1143; inside / outside, with CR at 1100 ft.; 59 sxs of Class B (15.5 ppg, 69.6 cf.) from 894 ft. to 1143 ft.; 30 in annulus, 5 below CR and 24 above; WOC for 4 hrs.;

Plug #4, Surface Casing Shoe and Surface top; 0 SQZ holes at 0ft. and 0 SQZ holes at 0ft.; inside / outside 134 sxs of Class B (15.5 ppg, 158.1 cf.) from 0 ft. to 400 ft.; B. Hammond with Jicarilla BLM and B. Powell with NMOCD approved using the holes identified with the die pump around test on 9-19-17 at 11:45.

Work Detail

PUX	Activity
09/04/2017	
P	Mobilize all equipment to location.
P	Spot the rig and level it.
U	Attempted to rig up the daylight pulling unit. While scoping up the derrick noticed the TBG board wasn't deploying properly. Attempted to fix, unable to.
09/12/2017	
P	Mobilize all equipment to location.
P	Spot the rig and level it.
U	Attempted to rig up the daylight pulling unit. While scoping up the derrick noticed the TBG board wasn't deploying properly. Attempted to fix, unable to. Return to Farmington.
09/13/2017	
P	Travel to location.
P	Held safety meeting on the JSA, service and start equipment.
U	Repair the board deployment lines.
P	RU the day light pulling unit.
P	Check PSI on the well, TBG - 0 PSI, CSG - 0 PSI, BH - 0 PSI. RU relief lines and open the well. ND the well head, the cap was stuck. PU the TBG hanger, remove the hanger. X over for 1-1/4" TBG, strip on the 5-1/2" collar, 5-1/2 X 7" sewage, companion flange and the BOP. Function test the BOP.
P	RU the work floor, TBG equipment and X over equipment for 1-1/4".
P	TOOH LD 95 JTS of 1-1/4" EUE. (Had to warm up the collars on 90% of the pipe.)
P	X over all TBG equipment and the BOP to 2-3/8". Spot in the work string. Secure

location and SDFD.
Return to Farmington.

09/14/2017

- P Travel to location.
- P Held safety meeting on the JSA, service and start equipment.
- P Check PSI on the well, CSG- 0 PSI, BH- 0 PSI, open the well to the pit.
- P RIH with 5-1/2" gage ring to 3600', POOH.
- P PU and tally 2-3/8" EUE TBG, tag up at 3616'. Load the hole with 4 bbl. and pump 20 bbl. total.
- P Plug #1 Pictured Cliffs and the Fruitland top, mix and pump 102 sxs Class B cement (15.5 ppg, 120.36 cf) from 3614' to 2736' inside only to cover open perms and the tops.
- P TOOHD to 2758' and continue TOOHD with all TBG.
- P Clean and secure location SDFD.
- P Return to Farmington.

09/15/2017

- P Travel to location.
- P Held safety meeting on the JSA, service and start equipment.
- P Check PSI on the well, CSG- 0 PSI, BH- 0 PSI, open the well to the pit.
- P Tighten up the companion flange. TIH to 2821' and tag TOC; tag approved by B. Hammond with Jicarilla BLM, and B. Powell with the NMOCD, on 9-15-17 at 8:50. Load the hole with 4 bbl. the BH started circulating at 24 bbl. and pumped 67 bbl. total. TOOHD to 2632' and continue out.
- P Load the hole with 6 bbl. RIH with logging tool to 2795' and log to surface. Good CMT from 2795' to 1732' and interment CMT from 1732' to surface. B. Hammond with the Jicarilla BLM and B. Powell with NMOCD approved Plug #2 as an inside only plug based on the log, on 9-15-17 at 11:55.
- P TIH to 2727' EOT. Load the hole with 4 bbl. and attempt to PSI test the CSG, no test the BH circulated immediately. 2 BPM at 0 PSI.
- P Plug #2 Kirtland and Ojo Alamo tops, mix and pump 58 sxs Class B cement (15.6 ppg, 68.44cf,) from 2727' to 2227' inside only. Plug changed because of the CBL, B Hammond and B. Powell approved change on 9-15-17 at 11:55.
- P TOOHD to 2259' and continue out. Clean and secure location SDFD.
- P Return to Farmington.

09/19/2017

- P A- Plus Monthly meeting.
- P Travel to location.
- P Held safety meeting on the JSA, service and start equipment.
- P Check PSI on the well, CSG- 0 PSI, BH- 0 PSI, open the well to the pit. Spot in the vac truck and dig out the well head.
- P Perform a die pump around test, found the holes to be at 400'. It took 22.5 bbl. to get die back to surface.
- P TIH with 14 stands and TOOHD. Pre-mix 2% CaCl.
- P Plug #4 surface shoe, through existing holes, mix and pump 134 sxs Class B cement (15.5 ppg, 158.12 cf) from 400' to surface with good cement to the pit, plug pumped with 2% CaCl. B. Hammond with Jicarilla BLM and B. Powell with NMOCD approved the change based on the die pump around test on 9-19-17 at 11:45 AM
- P Wash up the BOP and equipment. RD the TBG equipment and work floor. WOC
- P WOC overnight per B. Hammond with the Jicarilla BLM.
- P Return to Farmington.

09/20/2017

- P Travel to location.

- P Held safety meeting on the JSA, service and start equipment.
- P Check PSI on the well, CSG- light vacuum, BH- light vacuum, open the well to the pit. Tag the TOC through the BOP at 84' down in the 5-1/2" CSG.
- P ND the BOP and companion flange. Write and perform hot work permit and cut off the well head. Found CMT in the 5-1/2" down 75' and the 5-1/2" X 8-5/8" at surface. Prep the DHM.
- P RD the daylight pulling unit.
- P RU CMT equipment. DHM and top off mix and pump 25 sxs Class B cement (15.6 ppg 29.5 cf,) from 75' to surface. RD CMT equipment.
- P Return to Farmington with rig, pump and the bulk truck.
- P Check rig 7 and equipment. Fill the bulk truck.

* P - Procedure Planned; U - Unplanned A+ issue; X - COA, Well Conditions

Comments

Date	Job	Comment
09/14/2017	Plug #1	Plug #1 Pictured Cliffs and the Fruitland top, mix and pump 102 sxs Class B cement (15.5 ppg, 120.36 cf) from 3614' to 2736' inside only to cover open perms and the tops.
09/15/2017	Plug #2	Plug #2 Kirtland and Ojo Alamo tops, mix and pump 58 sxs Class B cement (15.6 ppg, 68.44cf,) from 2727' to 2227' inside only. Plug changed because of the CBL, B Hammond and B. Powell approved change on 9-15-17 at 11:55.
09/19/2017	Plug # 4	Plug #4 surface shoe, through existing holes, mix and pump 134 sxs Class B cement (15.5 ppg, 158.12 cf) from 400' to surface with good cement to the pit, plug pumped with 2% CaCl. B. Hammond with Jicarilla BLM and B. Powell with NMOCD approved the change based on the die pump around test on 9-19-17 at 11:45 AM
09/20/2017	DHM and top off Finale Report	DHM and top off mix and pump 25 sxs Class B cement (15.6 ppg 29.5 cf,) from 75' to surface. GPS Latitude 36.326784 Longitude -107.214493

On Site Reps:

Name	Association	Notes
B. Hammond	BLM	Jicarilla BLM on location.