

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

RECEIVED

FEB 18 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.**

**SUBMIT IN TRIPLICATE** – Other instructions on page 2.

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. SF-081334
2. Name of Operator ENERDYNE LLC		6. If Indian, Allottee or Tribe Name
3a. Address P O BOX 502, ALBUQUERQUE, NM 87103	3b. Phone No. (include area code) 1-505-414-8548	7. If Unit of CA/Agreement, Name and/or No.
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 1650' FNL & 330' FEL SECTION 27, T25N, R3W		8. Well Name and No. LEESON FEDERAL 42-27
		9. API Well No. 30-039-24148
		10. Field and Pool or Exploratory Area WEST LINDRITH GALLUP/DAKOTA
		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 checked="" type="checkbox"/> Notice of Intent	<input checked="" type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<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 checked="" type="checkbox"/> Other <b>PUMP CHANGE &amp; CLEANOUT</b>
	<input type="checkbox"/> Change Plans	<input 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 recompleat 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 recompleat 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.)

PLEASE SEE ATTACHED PROCEDURE.

OIL CONS. DIV DIST. 3

FEB 20 2014

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed) DON L. HANOSH	Title MANAGING MEMBER
Signature 	Date 02/14/2014

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by Original Signed: Stephen Mason	Title	Date FEB 19 2014
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	

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)

NMOCDAV



**Leeson Federal 27 #042 Gallup/Dakota**

Cleanout and Pump Repair  
Township 025N Range 003W  
Section 27 1650' FNL & 330' FEL  
Rio Arriba County, NM

PBTD: 8180' (Note discrepancy in well records)

KB: 12'

1. Hold safety meeting. Comply with all NMOCD, BLM and Company safety and environmental regulations. Test rig anchors prior to moving in rig (last rig date 12/2010).
2. MIRU. Check casing and tubing pressures and record. RU blow lines from casing valves and begin blowing down casing pressure. Pressure test the tubing to 500 psi.
3. TOOH with rods and pump configured as follows:
  - 1 – POLISH ROD
  - 1 – PONY ROD (4')
  - 93 – 7/8" GUIDED RODS
  - 19 – 7/8" PLAIN RODS
  - 208 – 3/4" GUIDED RODS
  - 1 – 2-1/2" X 1-1/2" X 12' RWAC HRV PUMP
4. ND wellhead NU BOP. Release tubing hanger to tag for fill, PU additional joints as needed to tag PBTD @ 8180' (EOT @ 8037.63' 8/22/2007). Record the fill depth. Last tagged depth was 8098' on 8/22/2007 – did not clean out.
5. TOOH with tubing (detail below, run 8/24/2007) Lay down TAC.
  - 220 – 2-7/8" 6.5# J-55 EUE TBG
  - 1 – 2-7/8" X 5-1/2" TAC @ 6955.9' (Note: set in Gallup perforations)
  - 33 – 2-7/8" 6.5# J-55 EUE TBG
  - 1 – SEAT NIPPLE
  - 1 – 4' PERFORATED PUP JOINT (LAY DOWN)
  - 1 – 20' X 2-7/8" 6.5# J-55 EUE TBG OPEN ENDED MUD ANCHOR
6. Visually inspect tubing, record findings, make note of corrosion and/ or scale. Replace tubing as needed.
7. TIH with tubing bailer, clean out to PBTD @ 8180'. Discrepancy with PBTD. Records indicate either at 8180' or 8130'. If PBTD is discovered to be 8130' notify engineer immediately for new BHA configuration.
8. If sand or scale is hard packed call engineer to discuss picking up air package or



nitrogen membrane unit to clean out to PBTD. If scale on tubing contact engineer for acid volume, concentration and displacement volume. TOOH.

9. Tally in the hole with tubing (detail below). Land tubing at +/- 8120'.
  - 1 – 20' X 2-7/8" 6.5# J-55 EUE TBG OPEN ENDED MUD ANCHOR (USED)
  - 1 – 2-7/8" SN (Set @ ~8100')
  - +/- 255 2-7/8" 6.5# J-55 EUE TBG
  - TUBING SUBS AS NECESSARY TO SPACE OUT
10. ND BOP, NU B-1 Adapter, rod rattigan, and flow tee (place rod rattigan below flow tee). RIH with rods.
  - 1 – 2-1/2" X 1-1/2" X 12' TEXAS STRIPPER INSERT PUMP WITH A 6' PLUNGER WITH A TOTAL PLUNGER TO BARREL CLEARANCE OF -0.006" AND 1" X 12"
  - LIFT SUB
    - 1 – 3/4" X 8' GUIDED ROD SUB
    - 1 – 26,000# SHEAR SUB
    - 6 – 1-1/4" x 25' SINKER BARS
    - 2 – 3/4" X 8' PONY ROD SUBS
    - 206 – 3/4" PLAIN RODS
    - 108 – 7/8" PLAIN/GUIDED RODS TO SURFACE
    - ROD SUBS AS NECESSARY
    - 1 – 1-1/4" POLISH ROD AND LINER
    - ROD ROTATOR
11. Space out and seat pump by lowering to a LIGHT tag, mark the position of the tag on the polished rod and lift the polished rod using 1.0"/1000' (One inch per 1000 ft) spacing (~8"). Do NOT set pump to tag.
12. Load tubing with water to pressure test tubing and pump to 500 psi. Test for good pump action.
13. Notify lease operator that well is ready to be returned to production. RDMO.

Recommended by

*Krista McWilliams*

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Krista McWilliams  
Production Engineer  
505-419-1627



# Wellbore Schematic

Well Name: Leeson Federal 27 #42  
 Location: H 27-25N-03W 1650' FNL 330' FEL  
 County: Rio Arriba  
 API #: 30-039-24148  
 Co-ordinates:  
 Elevations: GROUND: 7265'  
 KB: 7277'  
 Depths (KB): PBTD: 8130'  
 TD: 8204'

Date Prepared: 9/10/2013  
 Last Updated:  
 Spud Date: 8/22/1987  
 Completion Date: 10/31/1987  
 Last Workover Date:

