

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

FEB 28 2014

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

SUNDRY NOTICES AND REPORTS ON WELL *Stanton Field Office*
Do not use this form for proposals to drill on to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

5. Lease Serial No.
SF081347

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE – Other instructions on page 2.

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator
ENERDYNE LLC

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.

8. Well Name and No.
FEDERAL 17-2

9. API Well No.
30-039-22498

10. Field and Pool or Exploratory Area
WEST LINDRITH GALLUP/DAKOTA

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
2310' FNL & 2300' FEL, SECTION 17, T29N, R3W

11. County or Parish, State
RIO ARRIBA

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 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 PUMP CHANGE & CLEAN OUT
	<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.)

PROCEDURE ATTACHED.

RCVD MAR 5 '14
OIL CONS. DIV.
DIST. 3

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

Title MEMBER

Signature

Date 02/26/2014

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Original Signed: Stephen Mason

Title

Date

MAR 03 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)

NMOCDA



Federal 17 #2 Gallup/Dakota
Fishing/Rod Pump Procedure
Township 024N Range 003W
Section 17 2310' FNL & 2300' FEL
Rio Arriba County, NM

PBTD: 7450'; Top of Fish: 7068'

1. Hold safety meeting. Comply with all NMOCD, BLM and company safety and environmental regulations. Test rig anchors prior to moving in rig.
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 recording rod configuration. Inspect pump and note findings.
4. ND WH, tie back, release tubing anchor (set in 12,000# tension), NU BOP. TOOH with tubing:

196 – 2-3/8" 4.7# J-55 EUE tubing joints

1 – 2-3/8" tubing anchor set at 5989' KB

20 – 2-3/8" 4.7# J-55 EUE tubing joints

1 – 2-3/8" seating nipple

1 – 2-3/8" x 4' perforated tubing sub

1 – 2-3/8" x 25' mud anchor sub

5. Make note of corrosion and/ or scale and other findings. Send 25' mud anchor sub to John Crane to add a 1/4" bleeder hole below the upset.
6. PU 6 joints wash over pipe dressed with cut-right and 6 - 3-1/8" drill collars on 2-3/8" tubing and TIH to wash over top of fish (last recorded tag depth ~7068'). CO over top of fish to RBP @ 7200' if possible.
7. TOOH w/ wash over pipe and evaluate condition of cut-right/wear pattern on pipe. If wear confirms, TIH w/ overshot on 2" grapple and 3' extension, jars, bumper sub and 6 – 3-1/8" drill collars. Engage fish and attempt to jar free.



8. If fish is retrieved, TOO H w/ overshot and fish and LD same. If fish cannot be retrieved, continue fishing operations at the operator's/engineer's discretion. Fishing contingencies that have been discussed include free-pointing tubing on top of fish and chemical cutting to remove free tubing and allow more efficient jarring of RBP. At end of fishing operations, TOO H and LD fishing tools.
9. If fish was removed, TIH with tubing bailer, clean out to PBTD @ 7450'. 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. TOO H.
10. TIH with 2-3/8" production tubing as follows:

FISH REMOVED – land at 7407'

1 – 2-3/8" x 25' cover joint (use existing cover joint with bleeder hole added if condition is satisfactory)
1 – 2-3/8" seating nipple set at 7392' (even with bottom Dakota perforation)
237 – 2-3/8" 4.7# J-55 EUE tubing joint

FISH IN PLACE – land at 6585'

1 – 2-3/8" x 25' cover joint (use existing cover joint with bleeder hole added if condition is satisfactory)
1 – 2-3/8" seating nipple set at 6560' (10' below bottom Gallup perforation)
210 – 2-3/8" 4.7# J-55 EUE tubing joints

11. ND BOP, NU B-1 Adapter, rod rattigan, and flow tee (place rod rattigan below flow tee).
RIH with rods and pump as described below:

FISH REMOVED

1 – 1" x 6' dip tube (NEW – Energy Pump and Supply)
1- 2" X 1-1/4" X 11' X 15' RHBC-Z HVR, NC PID BBL., 6' SM PLGR - .004 = -.005 FIT
TITANIUM BALLS / NICKEL CARBIDE SEATS, DOUBLE VALVE SV ONLY A /
A, REGULAR STEEL FITTINGS, 3/4" PIN, 1-5/8" FISH NECK, SAND SEAL
BRUSH TOP (NEW – Energy Pump and Supply)
1 – 1"x1' lift sub (NEW, attached to pump – Energy Pump and Supply)



- 1 – ¾" x 8' guided rod sub with molded guides (NEW – John Crane)
- 1 – 26,000# shear sub (NEW – John Crane)
- 8 – 1-1/4" sinker bars (NEW – John Crane)
- 2 – ¾" x 8' pony rods (to rotate one at a time to top of string every pull to distribute wear)
(NEW – John Crane)
- 175 – ¾" plain rods
- 111 – 7/8" rods (use guides as indicated by wear, only plain or molded guides, not snap
on or spiral)
- X – 7/8" rod subs as required to space out
- 1 – ¼" polished rod and liner
- Rod rotator (NEW – John Crane)

FISH IN PLACE

- 1 – 1" x 6' dip tube (NEW – Energy Pump and Supply)
- 1- 2" X 1-1/4" X 11' X 15' RHBC-Z HVR, NC PID BBL., 6' SM PLGR - .004 = -.005 FIT
TITANIUM BALLS / NICKEL CARBIDE SEATS, DOUBLE VALVE SV ONLY A /
A, REGULAR STEEL FITTINGS, 3/4" PIN, 1-5/8" FISH NECK, SAND SEAL
BRUSH TOP (NEW – Energy Pump and Supply)
- 1 – 1"x1' lift sub (NEW, attached to pump – Energy Pump and Supply)
- 1 – ¾" x 8' guided rod sub with molded guides (NEW – John Crane)
- 1 – 26,000# shear sub (NEW - John Crane)
- 7 – 1-1/4" sinker bars (NEW – John Crane)
- 2 – ¾" x 8' pony rods (to rotate one at a time to top of string every pull to distribute wear)
(NEW – John Crane)
- 175 – ¾" plain rods
- 77 – 7/8" rods (use guides as indicated by wear, only plain or molded guides, not snap
on or spiral)
- X – 7/8" rod subs as required to space out
- 1 – ¼" polished rod and liner
- Rod rotator (NEW – John Crane)



12. 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 0.5"/1000' (One half inch per 1000 ft) spacing (~1"). Do NOT set pump to tag.
13. Load tubing with water to pressure test tubing and pump to 500 psi. Test for good pump action.
14. Notify lease operator that well is ready to be returned to production. RDMO.

Contacts:

Energy Pump and Supply

Gary Noyes
505 564-2874
505 330-1932

John Crane

Sean Moore
505 486-3708

Recommended by:

Catlain Richardson

Catlain Richardson
Production Engineer
505 320-3499



Wellbore Schematic

Well Name: Federal 17 #2
Location: G-17-24N-03W
County: Rio Arriba
API #: 30-039-22498
Co-ordinates:
Elevations: GROUND: 6825'
KB: 6839'
PBTD: 7450' (top of fish @ ~7068')
TD: 7616'

Date Prepared: 2/20/2014
Last Updated:
Spud Date: 12/15/1980
Completion Date: 2/28/1981
Last Workover Date: Jul-08

