

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well
☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator
Running Horse Production Company

3a. Address
PO Box 369, Ignacio, CO 81137

3b. Phone No. (include area code)
970-563-5100

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
1520' FSL & 1520' FEL, Sec 4, T26N R13W

FORM APPROVED
OMB No. 1004-0135
Expires November 30, 2000

5. Lease Serial No.
NM 11775

6. If Indian, Allottee or Tribe Name
RCVD MAR 4 '08

7. If Unit or CA/Agreement, Name and/or No.
OIL CONS. DIV.
DIST. 3

8. Well Name and No.
Ross Federal #2

9. API Well No.
30-045-24307

10. Field and Pool, or Exploratory Area
Basin Fruitland Coal

11. County or Parish, State
San Juan County, NM


12. CHECK 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 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 Operations (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 shall 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 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Running Horse Production Company plans to plug and abandon the subject well within the next 90 days. Attached is a current well bore diagram, a proposed P&A procedure, and a proposed P&A well bore diagram.

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed) Dusty Mars	Title Petroleum Engineer
Signature 	Date February 27th, 2008

THIS SPACE FOR FEDERAL OR STATE USE

Approved by Original Signed: Stephen Mason	Title	Date FEB 28 2008
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, 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 reverse)

NMOCD

Ross Federal 4-26-13 #2

Current

WAW Fruitland Pictured Cliffs / API #30-045-24307

1520' FSL & 1520' FEL, Section 4, T-26-N, R-13-W, San Juan County, NM

Today's Date: 2/20/08

Spud: 5/12/80

Completed: 5/31/80

Elevation: 6223' GI

12.25" hole

Circulate cmt to surface per Sundry

8.625", 24# K-55 Casing set @ 108'
Cement with 100 sxs (Circulated to Surface)

Farmington @ 460'

2.375" tubing at 1314'
(40 joints, 4.7# EUE)

Fruitland @ 750'

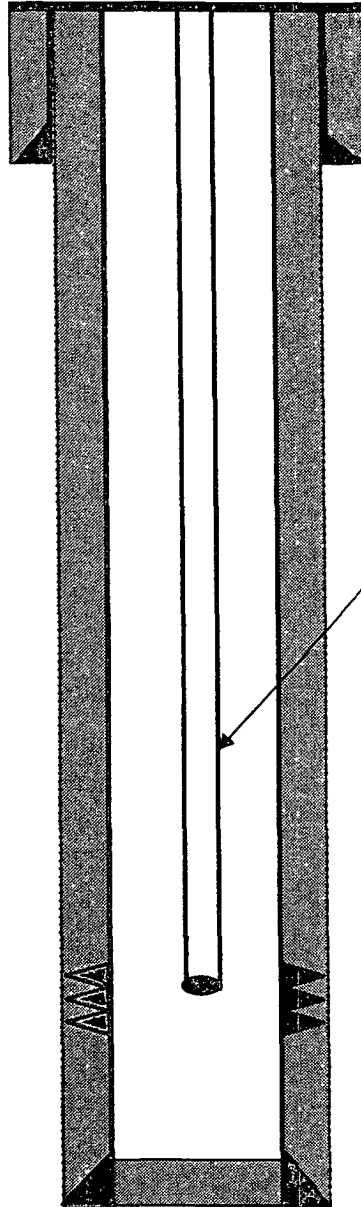
Pictured Cliffs @ 1342'

Pictured Cliffs Perforations:
1342' - 1363'

6.25" Hole

4.5" 10.5# Casing set @ 1498'
Cement with 175 sxs (266 cf)

TD 1504'
PBSD 1456'



Ross Federal 4-26-13 #2

Proposed P&A

WAW Fruitland Pictured Cliffs / API #30-045-24307

1520' FSL & 1520' FEL, Section 4, T-26-N, R-13-W, San Juan County, NM

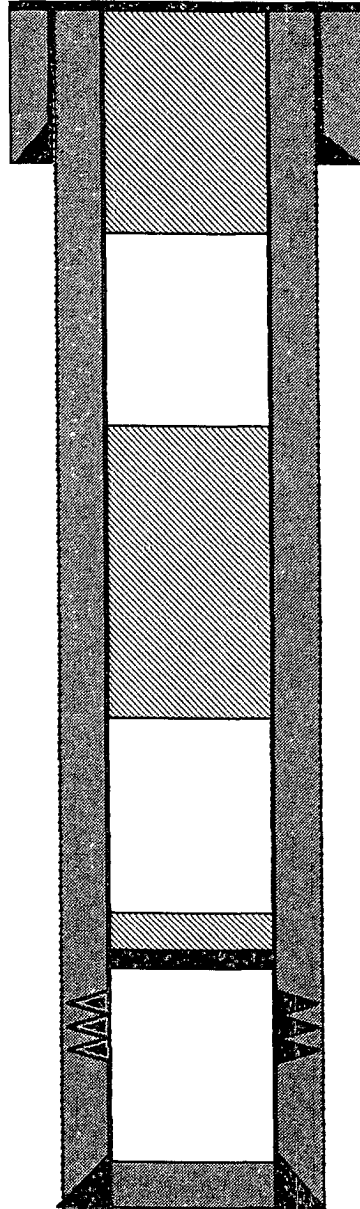
Today's Date. 2/20/08

Spud: 5/12/80

Completed: 5/31/80

Elevation: 6223' GI

12.25" hole



Circulate cmt to surface per Sundry

8.625", 24# K-55 Casing set @ 108'
Cement with 100 sxs (Circulated to Surface)

Plug #3: 158' - 0:
Type G cement, 25 sxs

Farmington @ 460'

Plug #2: 800' - 410:
Type G cement, 35 sxs

Fruitland @ 750'

Plug #1: 1292' - 1192:
Type G cement, 12 sxs

Set CR @ 1292'

Pictured Cliffs @ 1342'

Pictured Cliffs Perforations:
1342' - 1363'

6.25" Hole

4.5" 10.5# Casing set @ 1498'
Cement with 175 sxs (266 cf)

TD 1504'
PBD 1456'

PLUG AND ABANDONMENT PROCEDURE

February 20, 2008

Ross Federal 4-26-13 #2

WAW Fruitland Pictured Cliffs
1520' FSL and 1520' FEL, Section 4, T26N, R13W
San Juan County, New Mexico / API 30-045-24307
Lat: N _____ / Lat: W _____

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 ASTM Type G, mixed at 15.8 ppg with a 1.15 cf/sx yield.

1. Project will use a steel tank for a pit.
2. Install and test rig anchors. Comply with all NMOC, BLM and Red Willow safety rules and regulations. Spot a steel waste fluid pit. Conduct safety meeting for all personnel on location. MOL and RU daylight pulling unit. NU relief line and blow well down; kill with water as necessary.
3. TOH and tally 40 joints 2.375" tubing, 1314'. If necessary LD tubing and PU workstring. Round trip 4.5" gauge ring or casing scraper to 1292' or as deep as possible.
4. **Plug #1 (Pictured Cliffs perforations, 1292' – 1192')**: TIH and set CR at 1292'. Spot 12 sxs Type G cement above CR to isolate the Pictured Cliffs interval. Pressure test casing to 800#. *If casing does not test, then tag Plug #1 and spot additional cement if required.* PUH.
5. **Plug #2 (Fruitland and Farmington tops, 1069' – 410')**: Spot 25 sxs Type G cement balanced plug inside casing to cover the Fruitland and Farmington tops. PUH to 158'.
K:reland/O) + Hurn 260'
6. **Plug #3 (8.625" casing shoe, 158' - Surface)**: Attempt to pressure test the bradenhead annulus to 300#. If the BH annulus holds pressure, then establish circulation out casing valve with water. Mix approximately 25 sxs Type G cement and spot a balanced plug from 158' 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 and the annulus.
7. ND BOP and cut off wellhead below surface casing flange. Install P&A marker with cement to comply with regulations. RD, MOL and cut off anchors. Restore location per BLM stipulations.

**UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
FARMINGTON DISTRICT OFFICE
1235 LA PLATA HIGHWAY
FARMINGTON, NEW MEXICO 87401**

Attachment to notice of
Intention to Abandon:

Re: Permanent Abandonment
Well: 2 Ross Federal

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) 599-8907.
3. The following modifications to your plugging program are to be made:
 - a) Place the Fruitland/Farmington plug from 1069' - 410'.
 - b) Place the Kirtland/Ojo Alamo/8 5/8" casing shoe/Surface plug from 260' to surface.

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.