

In Lieu of
Form 3160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir. Use "APPLICATION FOR PERMIT-" for such proposals

5. Lease Designation and Serial No.
NMSF-080003

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE

7. If Unit or CA, Agreement Designation

1. Type of Well
 Oil Well Gas Well Other

Well Name and No.
Frontier A #1

2. Name of Operator
J.K. Edwards & Associates, Inc.

9. API Well No.

3. Address and Telephone No. C/O Walsh Engineering & Production Corp.
7415 East Main Farmington, NM 87402 505-327-4892

Field and Pool, or Exploratory Area
Mesa Verde Disposal

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
1750' FSL & 790' FEL, Sec. 8, T26N, R12W

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

CHECK APPROPRIATE BOX(S) 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"/> Abandonment	<input type="checkbox"/> Change of Plans
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion	<input type="checkbox"/> New Construction
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Plugging Back	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Altering Casing	<input checked="" type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Other _____	<input type="checkbox"/> Dispose Water
		(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Please find attached a copy of the work-over reports converting the Frontier A #1 to a Mesa Verde disposal well.

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

Signed John C. Thompson (John C. Thompson) Title Engineer Date 1/15/97

(This space for Federal or State office use)

Approved by _____ Title Asst. Dir.
Conditions of approval, if any: _____

Title 18 U.S.C. Section 1001, makes 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 statement or document.

NM/000

FARMINGTON DISTRICT OFFICE

J.K. Edwards & Associates

Frontier A #1

10/28/96 MOL & RU Polanco Bros. Well Service. Spot equipment. ND WH & TOH w/ rods. SDFN.

10/29/96 TOH w/ tbg. PU cement ret. & TIH. Set retainer @ 4819.37'. Would not hold pressure. Sting out of retainer & TOH. TIH w/ SN & standing valve pressure testing tbg. every 10 stds. PT 60 stds - held OK. SDFN.

10/30/96 Finish PT tbg. Found 2 jts. w/ holes. TOH & PU cmt. retainer stinger & TIH. Sting into retainer. Mix & pump 136 sx (160 cu.ft.) of Class "B" cement & squeeze Gallup formation. Sting out of retainer leaving 4 bbls of cement on top. Pull up to 4570' & PT to #600 - held OK. TOH w/ tbg. SDFN.

10/31/96 Ran Schlumberger CET (Cement Evaluation Tool) log from 3865' to 2850'. Good cement across entire interval. Cement top @ 2480'. (Cement stringer 2250' - 2020'). TIH w/ squeeze guns & perforate 2 holes @ 560'. Mix & pump 225 sx (266 cu.ft.) of Class "B" cement. Circulate out 6 bbls of cement out bradenhead valve. TOH w/ tbg. & shut rams. Hesitate squeeze to a final pressure of 400#. SWI & SDFN.

11/1/96 TIH w/ bit & tag cement @ 460' (100' of cement). D/O cement. TOH & shut rams. PT casing to 600#. Held OK for 15 min. PU 7-5/8" csg. scrapper & RIH to liner top. SDFN.

11/4/96 Circulate hole clean & TOH. Perforate Point Lookout w/ 4" csg guns. 4 spf, 0.42" EHD: 3856' - 3846' & 3824' - 3712' for a total of 488 shots. RIH w/ RTTS packer & RIH on 2-3/8" & set @ 3617'. RUTS. Recovered 25 bbls of fluid. Took sample from formation. Pump 2000 gal of 15% HCl. Perfs. broke @ 2400# while pumping 1 bpm. Pumped remaining acid away @ 1200# @ 3 bpm. SD pump. Pumped step-rate test to determine frac gradient. SDFN.

11/5/96 Release packer & TOH (laying down). PU Halliburton UL packer & RIH on plastic lined 2-3/8" tbg. Attempted to set packer @ 3683' but packer malfunctioned. TOH to repair packer. SDFN.

11/6/98 TIH w/ Halliburton Ultra-Loc Plastic lined packer on plastic lined 2-3/8" tbg. & set packer @ 3683' w/ 8,000# compression. ND BOP & NU WH. Pressure test csg/tbg. annulus to #650 - held OK. Left 100# on annulus. Install valve on tbg. & left well shut in. RD & MOL. Rig released @ 1300 hrs. 11/6/96.

Frontier A #1
 1750' FSL & 790' FEL
 Sec 8 T26N R12W

Disposal Status

Formation Tops:	
Fruitland:	917'
Pictured Cliffs:	1210'
Lewis:	1460'
Cliff House:	2025'
Menefee:	2658'
Point Lookout:	3708'
Mancos:	3922'
Upper Gallup:	4760'

