

submitted in lieu of Form 3160-5

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
Sundry Notices and Reports on Wells

RECEIVED

SEP 23 2010

Farmington Field Office
Bureau of Land Management

1. **Type of Well**
Gas
2. **Name of Operator**
McElvain Oil & Gas Properties, Inc.
3. **Address & Phone No. of Operator**
1050 17th Street, Suite 2500
Denver, CO 80265-1807; 303-893-0933, X379
4. **Location of Well, Footage, Sec., T, R, M**
1585 1840
1,720' FNL & 1,840' FWL, Section 34, T27N-R10W
5. **Lease Number**
NMSF-081087
6. **If Indian, All. or Tribe Name**
7. **Unit Agreement Name**
8. **Well Name & Number**
Wiedemer #1
9. **API Well No.**
30-045-25384
10. **Field and Pool**
Fulcher Kutz Pictured Cliffs
11. **County & State**
San Juan County, NM

12. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OTHER DATA

Type of Submission

☒ Notice of Intent

☐ Subsequent Report

☐ Final Abandonment

Type of Action

☒ Abandonment

☐ Recompletion

☐ Plugging Back

☐ Casing Repair

☐ Altering Casing

☐ Other -

☐ Change of Plans

☐ New Construction

☐ Non-Routine Fracturing

☐ Water Shut off

☐ Conversion to Injection

RCVD SEP 24 '10
OIL CONS. DIV.
DIST. 3

13. Describe Proposed or Completed Operations

McElvain proposes to Plug and Abandon the Wiedemer #1 per the attached P&A procedure.

Notify NMOCD 24 hrs
prior to beginning
operations

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

Signed J. M. McKinnley, Jr. Title Operations Engineer Date 09/20/2010

(This space for Federal or State Office use)

APPROVED BY Original Signed: Stephen Mason Title _____ Date SEP 24 2010
CONDITION OF APPROVAL, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly 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.

NMOCD

Plug and Abandonment Procedure

July 6, 2010

Wiedemer #1

Fulcher Kutz Pictured Cliffs
1720' FNL and 1840' FWL, Section 34, T27N, R10W
San Juan County, New Mexico / API 30-045-25384
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 Class B, mixed at 15.6 ppg with a 1.18 cf/sx yield.

1. This project requires the Operator to obtain an approved NMOCD C-144 CLEZ for the use of an A-Plus steel tank to handle waste fluids circulated from the well and cement wash up.
1. Rods: Yes _____, No X, Unknown _____.
Tubing: Yes _____, No X, Unknown _____, Size _____, Length _____.
Packer: Yes _____, No X, Unknown _____, Type _____.
If this well has rods or a packer, then modify the work sequence in step #2 as appropriate.
2. Open bradenhead valve. Establish rate down 2.875" casing with 20 bbls water, record pump rate and pressure. Monitor bradenhead for flow. If no flow or blow, then pump 6 - 7/8" RCN balls in additional water and monitor pressure, rate and volumes pumped, to confirm perforations are taking water and there is not a casing leak. If the bradenhead flows water or there are other indications of a casing leak, then MO and RU pulling unit to use 1-1/4" IJ tubing workstring to plug this well.
3. **NOTE: BLM requires a CBL log to be run on all wells where the cement did not circulate to surface or where a T.S. or CBL log was not previously run. This procedure is prepared with the understanding that it may be modified based on the TOC from the CBL.**
4. **Plug #1 (Pictured Cliffs interval, Fruitland, Kirtland and Ojo Alamo tops, 2460' - ¹³⁰⁴1355')**:
Establish rate into PC perforations with water. Mix and pump total of 41 sxs cement (long plug, 30% excess) and bullhead the down 2.875" casing: first pump 10 sxs cement, then drop 10 RCN balls, then pump 31 sxs cement and do not displace. Double valve and shut in well. WOC. Tag cement 50' above top of Ojo Alamo. TOH and LD tubing.
5. **Plug #2 (Nacimiento top and surface casing, ¹⁷³430' - ¹⁷³430' - Surface)**: Perforate 3 HSC squeeze holes at ¹⁷³430'. Establish circulation to surface out the 2.875" casing and bradenhead valve, circulate the BH annulus clean. Mix and pump approximately 125 sxs Class B cement down 2.875" casing and circulate good cement out casing and bradenhead valve from ¹⁷³430' to surface. SI well and WOC.
6. 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.

Wiedemer #1 Proposed P&A

Fulcher Kutz Pictured Cliffs

1720' FNL & 1840' FWL, Section 34, T-27-N, R-10-W, San Juan County, NM

Lat: _____ / Long: _____ / API 30-045-25384

Today's Date: 7/6/10

Spud: 8/15/82

Comp: 9/10/82

Elevation: 6708' GL

6714' KB

Nacimiento @ 380' *est

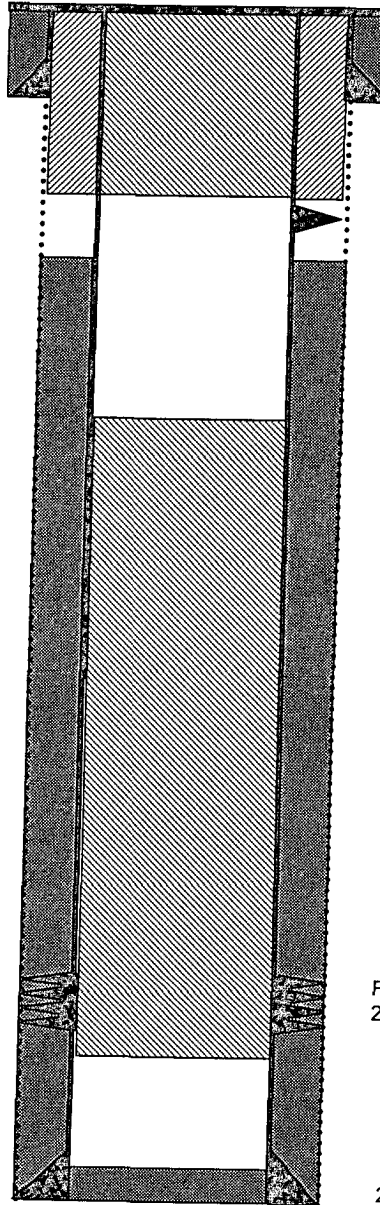
Ojo Alamo @ 1405'

Kirtland @ 1529'

Fruitland @ 2118'

Pictured Cliffs @ 2389'

6.25" Hole



2541' TD
2525' PBTd

7" 23#, J-55 Casing set @ 123'
Cement with 76.7 cf, circulated to surface

Perforate @ 430'

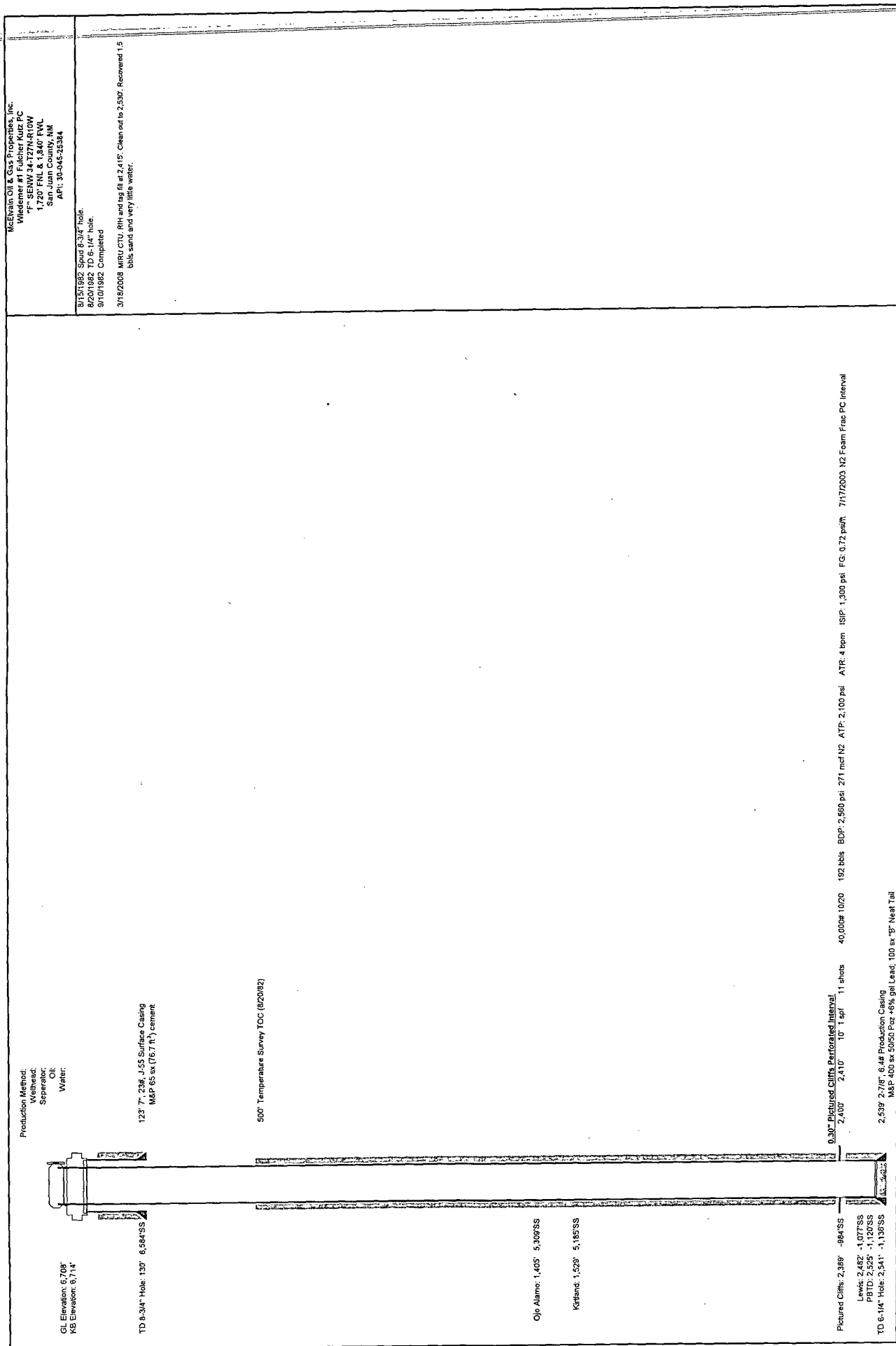
TOC @ 500' (T.S.)

Plug #2: 430' - 0'
Class B cement, 125 sxs

Plug #1: 2460' - 1355'
Class B cement, 41 sxs
(long plug, 30% excess)

Pictured Cliffs Perforations:
2400' - 2410'

2.875" 6.5#, Casing @ 2539'
Cement with 500 sxs (622 cf)



McElvain Oil & Gas Properties, Inc.
Wellbore #4 Elkhorn Ridge PC
"F" SENW 34-72N-R10W
1,720' FNL & 1,840' FNL
San Juan County, NM
API: 30-046-26384

8/15/1982 Spud 6-3/4" hole.
8/20/1982 TD 6-1/4" hole.
9/10/1982 Completed
3/15/2008 MRU CTU 8H and tag fill at 2,415'. Clean out to 2,539'. Recovered 1.5 bbls sand and very little water.

9.30" Perforated Interval
2,400' 2,410' 10' 1 spf 11 shots
40,000# 10/20 192 bbls BDP: 2,550 psi 271 mcf N2 ATP: 2,100 psi ATR: 4 bpm ISIP: 1,300 psi FG: 0.72 psf 7/17/2003 N2 Foam Frac PC Interval
2,539' 2.78" 6.4# Production Casing
M&P 400 sx 50/50 For +6% gel Lead: 100 sx 1" Neat Tail

**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: 1 Wiedemer

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) Bring the top of the Pictured Cliffs/Fruitland/Kirtland/Ojo Alamo plug to 1304'.
 - b) Place the Surface plug from 173' to surface inside and outside the 2 7/8" casing.

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.