

submitted in lieu of Form 3160-5

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Sundry Notices and Reports on Wells

1. Type of Well
GAS

2. Name of Operator
Southland Royalty

3. Address & Phone No. of Operator
PO Box 4289, Farmington, NM 87499 (505) 326-9700

4. Location of Well, Footage, Sec., T, R, M
1520'FNL, 1570'FWL Sec.24, T-31-N, R-12-W, NMPM

5. Lease Number
SF-077652

6. If Indian, All. or
Tribe Name

7. Unit Agreement Name

8. Well Name & Number
East #19

9. API Well No.

10. Field and Pool
Aztec Pic.Cliffs

11. County and State
San Juan Co, 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

13. Describe Proposed or Completed Operations

Attached is the proposed procedure for plug and abandonment of this well location.

RECEIVED
JUL 1 0 1992
OIL CON. DIV.
ALBUQ.

RECEIVED
JUL 6 1992
BLM

SEE ATTACHED FOR
CONDITIONS OF APPROVAL

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

Signed [Signature] (MP) Title Regulatory Affairs Date 7/2/92

(This space for Federal or State Office use)

APPROVED BY _____ Title _____

CONDITION OF APPROVAL, if any:

APPROVED
Date _____

[Signature]
JUL 19 1992
AREA MANAGER

WMAOCC

[illegible]

EAST #19 PC
UNIT F SECTION 24 T31N R12W
San Juan County, New Mexico
P & A Procedure

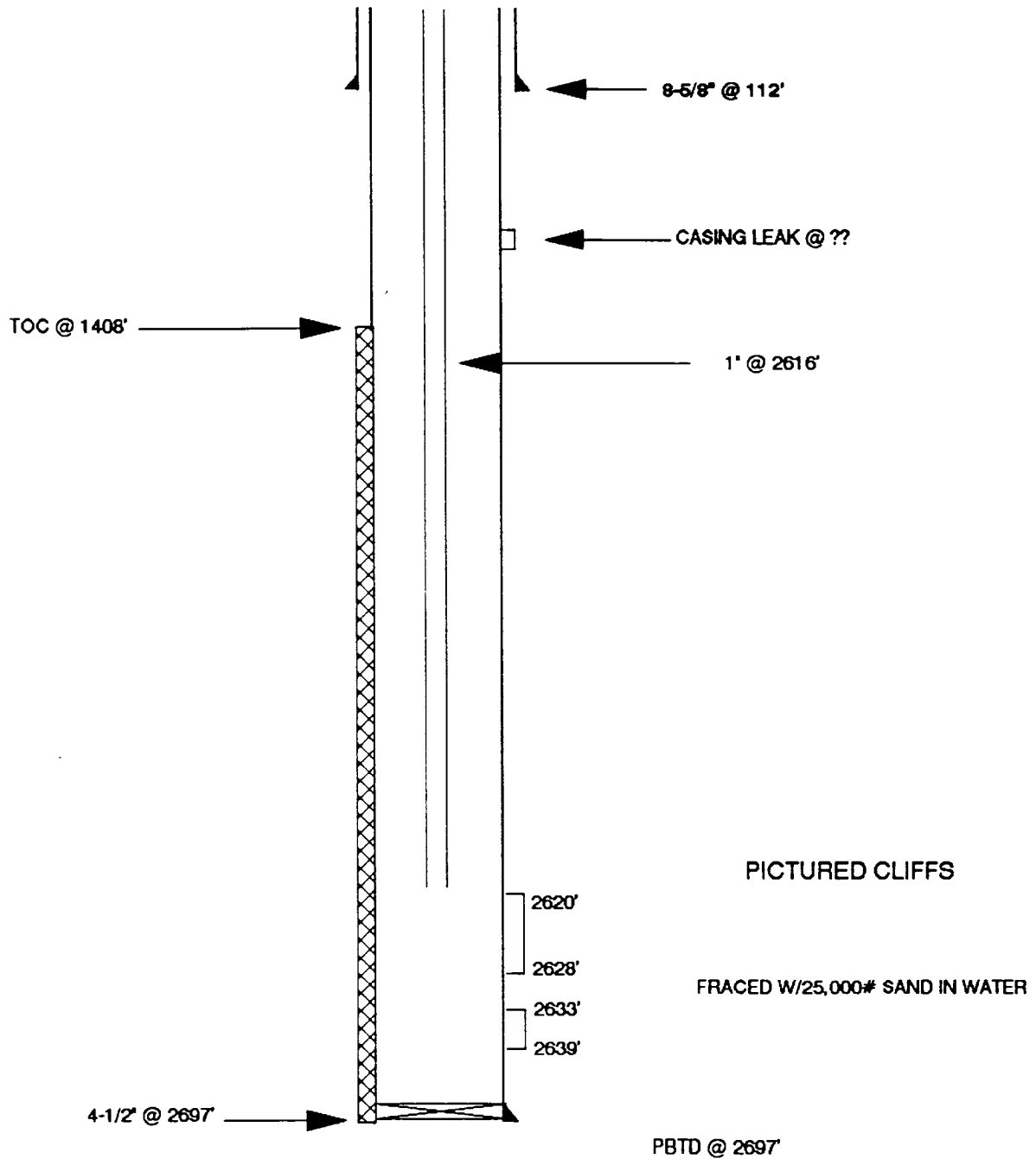
1. Install & test rig anchors. MI blow tank. MOL and RUSU. Comply to all NMOC, BLM, & MOI, rules & regulations. NU 6" BOP and stripping head. Test operation of rams. Install 2-3/8" relief line. TOH w/124 Jts 1" tbg.
2. Run 4-1/2" csg scrapper to 2213' on 2-3/8" rental work string. TOH. Run 4-1/2" cmt ret on rental 2-3/8" tbg & set @ 2213' (50' above top Fruitland). Pressure test csg to 500 psi. TOH.
3. Est. rate & sq PC perfs w/ 66 sx cmt. This will cover from the bottom PC perfs to 50' above the Fruitland w/100% excess cmt. Sting out of ret, dump 5 sx cmt on top ret. & reverse out. Circ hole w/ mud: 15# sodium bentonite w/non-fermenting polymer, 9# gal weight, & 50 qs vis or greater. TOH.
4. Perf 2 sq holes @ 1048' (50' below top of Kirtland). TIH w/ 4-1/2" pkr on 2-3/8" tbg & set @ 800'. With bradenhead valve open, est. rate & pump cmt plug outside csg from 1148' to 923' (50' above top of Ojo Alamo) with 53 sx cmt (100% excess cmt). If circ occurs w/bradenhead, circ cmt out bradenhead valve (about 123 sx cmt).
5. Release pkr, open pipe rams, & spot 26 sx cmt from 1048' to 923' inside csg, PU & reverse out, & TOH.
6. A. If cmt has not circ out bradenhead valve, perf csg @ 162' w/2 holes. Circ cmt down csg & out bradenhead valve. About 32 sx cmt.
B. If cmt has circ out bradenhead valve, TIH w/2-3/8" tbg to 162' & circ cmt out 4-1/2" csg (about 13 sx). TOH.
7. Cut off wellhead below surface csg flange and install dry hole marker to BLM specs.
8. Restore location to BLM specs.

Approve: _____
R. F. Headrick

VENDORS:

P&A rig: Bedford 325-1211

EAST #19 PC
UNIT F SECTION 24 T31N R12W
SAN JUAN COUNTY, NEW MEXICO



IN REPLY REFER TO
(019)

UNITED STATES DEPARTMENT OF THE INTERIOR

BUREAU OF LAND MANAGEMENT
FARMINGTON RESOURCE AREA
1235 LA PLATA HIGHWAY
FARMINGTON, NEW MEXICO 87401

Attachment to Notice of

Re: Permanent Abandonment

Intention to Abandon

Well: 19 East

CONDITIONS OF APPROVAL

1. Plugging operations authorized are subject to the attached "General Requirements for Permanent Abandonment of Wells on Federal Leases."
2. Mark Kelly with the Farmington Office is to be notified at least 24 hours before the plugging operations commence (505) 599-8907.
3. Blowout prevention equipment is required.
4. The following modifications to your plugging program are to be made (when applicable):

Office Hours: 7:45 a.m. to 4:30 p.m.

GENERAL REQUIREMENTS FOR
PERMANENT ABANDONMENT OF WELLS ON FEDERAL AND INDIAN LEASES
FARMINGTON RESOURCE AREA

1. Secure prior approval either on a Sundry Notice (Form 3160-5) or verbally from the Fluids Drilling & Production Section at this office before changing the approved plugging program.

2. Plugging equipment used shall have separate mixing and displacement pumps and a calibrated tank to assure proper displacement of plugs. The Operator is responsible for providing all measuring devices needed to assure proper measurement of materials being used.

3. A proper tank or pit will be used to contain all fluids pumped from the well during plugging operations. Unattended pits are to be fenced.

4. All cement plugs are to be placed through tubing (or drillpipe) and shall be a minimum of 100 feet in length with 50% excess inside casing or 100% excess when plug is set in open hole or squeezed into perforations. 15.6#/gal slurry weight is to be used when using class B neat cement or when CaCl_2 is used. Use the recommended slurry weight of other type cements when they are used (Class C, Pozzolan etc.).

5. Any cement plugs placed when well is not full of fluid, or when well may be taking fluid, (i.e. across perfs-unless bridge plug or retainer is used, across bad csg., or fresh water formations) will be tagged (touched) after cement has set to verify proper location.

5a. Testing The first plug below the surface plug shall generally be tested by either tagging the plug with the working pipe string, or pressuring to a minimum pump (surface) pressure of 1000 psig, with no more than a 10 percent drop during a 15-minute period (cased hole only). If the integrity of any other plug is questioned, it must be tested in the same manner. Also, any cement plug which is the only isolating medium for a fresh water interval or a zone containing a valuable mineral deposit should be tested by tagging with the drill string.

6. Mud must be placed between plugs. Plugging mud is to be made up with a minimum of 15 lbs/bbl of sodium bentonite, and a nonfermenting polymer. Minimum consistency of plugging mud must be 9 lbs/gal and with a minimum viscosity of 50 sec/qt. Fresh water is to be utilized for mixing mud.

7. Following the placement of a cement plug, the withdrawal rate for at least the length of the cement plug shall not exceed 30 ft/min, in order to minimize the contamination of the plug.

8. Within 30 days after plugging work is completed, file a Sundry Notice (Subsequent Report of Abandonment, Form 3160-5), in quintuplicate with Area Manager, Bureau of Land Management, 1235 La Plata Highway, Farmington, NM 87401. The report should give in detail the manner in which the plugging work was carried out, the extent (by depths) of cement plugs placed, and the size and location (by depths) of casing left in the well. Show date well was plugged.

9. All permanently abandoned wells are to be marked with a regulation marker (4" pipe extending 4' above the ground line) containing the information as specified in 43 CFR 3162.6(d). Unless otherwise approved.

10. After plugging work is completed the surface is to be rehabilitated in accord with instructions from the Fluids Surface Management Section of the Farmington Resource Area Office.

All above are minimum requirements. The period of liability under the bond of record will not be terminated until the lease is inspected and surface work approved.

Please advise this office when the well location is ready for final inspection.

Failure to comply with the above conditions of approval may result in an assessment for noncompliance and/or a Shut-in Order being issued pursuant to 43 CFR 3163.1.

You are further advised that any instructions, orders or decisions issued by the Bureau of Land Management are subject to administrative review pursuant to 43 CFR 3165.3 and appeal pursuant to 43 CFR 3165.4 and 43 CFR 4.700.