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

SUBMIT IN TRIPLICATE

5. Lease Designation and Serial No.: NMSF080000A

6. If Indian, Allottee or Tribe Name:

7. If Unit or CA, Agreement Designation:

1. Type of Well: [ ] Oil Well [X] Gas Well [ ] Other

8. Well Name and No.: ~~Dale~~ Simmons ~~#~~ #4

2. Name of Operator: D. J. Simmons

9. API Well No.: 30045118610OS1

3. Address and Telephone No.: P. O. Box 1469, Farmington, NM 87499

10. Field and Pool, or Exploratory Area: Blanco PC

4. Location of Well (Footage, Sec., T., R., M., or Survey Description): 1550 FNL x 920 FWL, Sec 23, T29N, R9W

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

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION	
[X] Notice of Intent	[ ] Abandonment	[ ] Change of Plans
[ ] Subsequent Report	[ ] Recompletion	[ ] New Construction
[ ] Final Abandonment Notice	[ ] Plugging Back	[ ] Non-Routine Fracturing
	[X] Casing Repair	[ ] Water Shut-Off
	[ ] Altering Casing	[ ] Conversion to Injection
	[ ] Other ______	[ ] 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.)*

Production casing string is to be repaired as per the attached procedure. If satisfactory gas production can not be established or the casing can not be repaired, the well will be plugged and abandoned as per the attached procedure.

Work-over / P&A operations will commence on or before June 10, 1992

APR 13 1992
OIL CON. DIV.
DIST. 3

SEE ATTACHED FOR
CONDITIONS OF APPROVAL

RECEIVED BLM
92 MAR 23 PM

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

Signed [signature] Robert R. Griffee Title Operations Consultant Date 3/13/92

(This space for Federal or State office use)

APPROVED

Approved by ______ Title ______ Date ______

Conditions of approval, if any:

APR 09 1992

AREA MANAGER

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 statements or representations as to any matter within its jurisdiction.

*See Instruction on Reverse Side

WELLSITE ENGINEERING

WORK-OVER PROCEDURE
D. J. Simmons PC #4
1550 FNL X 920 FWL
Section 23, T29N, R9W
San Juan County, NM

By: R. Griffee
3/13/92

PRESENT WELLBORE CONDITION

This well was last worked-over in 1976. In the previous workover the 4 1/2" production casing would not pressure test from approximately 400 to 1100 feet. A Baker Model 'C', size 43, bridge plug was set at approximately 2250', 43' above the top perforation (PC perforations 2293' - 2348'). A squeeze job was pumped in an attempt to repair the casing with no success. The well has been temporarily abandoned since 1976. See the attached well bore diagram for additional wellbore details.

PROPOSED PROCEDURE

1. MIRU workover rig with pump and pit (daylight operation).

2. Pick up a Baker 4-3 retrieving head without the 'J latch' assy, a 4 1/2" csg scraper, and 2 3/8" tubing. TIH to bridge plug at 2250' +/- (SLM). Circulate hole clean with water. Insure that all junk is washed from the top of the bridge plug.

3. TOH. Lay down csg scraper and install J-Latch assy in retrieving head. TIH. Retrieve bridge plug and TOH. Lay down plug and retrieving head.

4. Pick up Baker test packer and 'F' nipple one joint above packer. TIH and set packer at 2250' (+/-).

5. Swab well in and production test. Measure gas production rate.

If gas production rate is determined to be economic, proceed to step 6. Otherwise proceed to Plugging and Abandonment procedure.

6. Release test packer and TOH. Lay down packer.

7. Run CBL log and determine top of cement. Run wireline set drillable bridge plug and set at 2200' +/-.

8. Pick up test packer, RIH with 2 3/8" tbg. Pressure test drillable bridge plug at 2200'. Pulling out of hole, locate holes in pipe by pressure testing above and below packer. TOH.

9. Using an EZ drill cement retainer or equivalent, cement 4 1/2" casing / open hole annulus above the cement top determined in step 7 to the surface with premium cement. Circulate cement to surface. Squeeze cement any other deteriorated casing intervals with premium cement. Exact volumes of slurry, depths to squeeze, and precise procedure will be determined in Steps 7 and 8. Squeeze holes may have to be shot in the production string to facilitate cementing operations.

10. Pressure test casing and cement repair work to 500 psi.

11. Pick up Schlumberger AD-1 tension set production pkr or equivalent and seating nipple above packer. RIH with 2 3/8" tubing and set packer at 2250' +/-.

12. Swab well in and return to production.

PLUGGING AND ABANDONMENT PROCEDURE

1. Run CBL log and determine top of cement.

2. Pick up cement retainer and TIH with 2 3/8" tbg. Set retainer at 2250'.

3. Squeeze cement perforations under retainer with 25 sks premium slurry. Sting out of retainer POOH with 2 stnds tbg. Reverse circulate any cement out of tbg. TOH.

4. Pick up test packer, RIH with 2 3/8" tbg. Pressure test cement retainer at 2250'. Pulling out of hole, locate holes in pipe by pressure testing above and below packer. TOH.

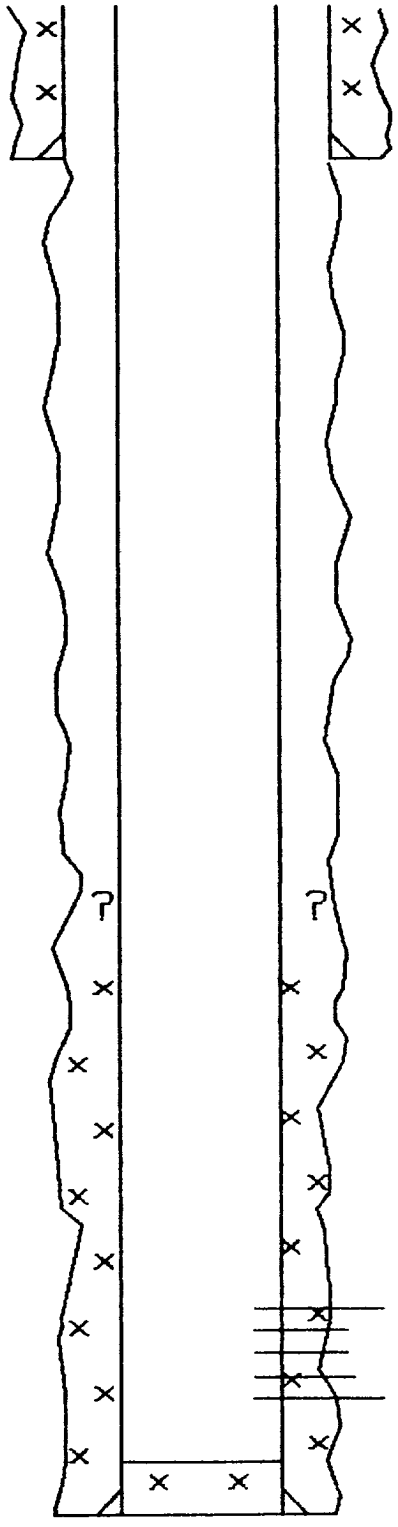
5. After determining cement top and deteriorated casing zones in steps 1 and 4, Set any required cement plugs inside the casing, below the cement top, as directed by the BLM.

6. Continue plugging, with procedures to be determined based on the results of steps 1 and 4, as approved by the BLM. Plugs above the cement top will be designed to cover both inside and outside the 4 1/2" casing. Insure that the Ojo Alamo zone is isolated with plugging slurry.

7. Cut off casing head and casing and install dry hole marker.

WELLSITE ENGINEERING
R. GRIFFEE
3/13/92
NOT DRAWN TO SCALE

D. J. SIMMONS PC #4
PRESENT
WELL BORE DIAGRAM



8 5/8" CASING
SET AT 120'

400'

BAD CASING:
WOULD NOT PRESSURE
TEST IN 1976, EVEN
AFTER SQUEEZING

1000'

NO TUBING IS PRESENTLY
INSTALLED

2293'

2348'

4 1/2" CASING
SET AT 2515'

WELLSITE ENGINEERING

WORK-OVER COST ESTIMATE
D. J. Simmons PC #4 PAGE 1
by: R. Griffee
3/13/92

Code	COST CLASSIFICATION	INTANGIBLE	TANGIBLE	TOTAL
1.0	SITE PREPARATION			
____	(A)Blade Location	500		500
____	(B)Test Anchors			0
	SUB TOTAL	500	0	500
2.0	PC TESTING COST			
____	(A)Workover Rig 20 hrs @ $135/hr	2700		2700
____	(B)Crew Travel Time and mileage	140		140
____	(C)Swab Cups, misc rig equipment	250		250
____	(D)Misc Equip (temp flow line) etc.	275		275
____	(E)Casing Scraper	485		485
____	(F)Baker Service Representative	420		420
____	(G)Baker Rental Tools	2050		2050
____	(H)Water Hauling	600		600
____	(I)Supervision/Consulting	1000		1000
	SUB TOTAL	7920	0	7920
3.0	COST TO REPAIR WELL AND RETURN TO PRODUCTION			
____	(A)Workover Rig 36 hrs @ $135/hr	4860		4860
____	(B)Crew Travel Time and mileage	210		210
____	(C)Swab Cups, misc rig equipment	250		250
____	(D)CBL / Perforating	1700		1700
____	(E)Tubing, 2700 ft of 2 3/8"		8235	8235
____	(F)2 3/8" slips and tubing head		565	565
____	(G)Drillable Bridge Plug	1500		1500
____	(H)Cement Retainer(s) & Setting Tools	1500		1500
____	(I)Pump Truck and Cementing	3750		3750
____	(J)Schlumberger AD-1 packer		750	750
____	(H)Schlumberger Tool Rep & Test Pkr	1900		1900
____	(I)Seating Nipple		75	75
	SUB TOTAL	15670	9625	25295
	TOTAL WORK OVER COST TO REPAIR WELL AND RETURN TO PRODUCING STATUS (CODES 1.0 + 2.0 + 3.0)	24090	9625	33715

WORK-OVER COST ESTIMATE
D. J. Simmons PC #4

Code	COST CLASSIFICATION	INTANGIBLE	TANGIBLE	TOTAL
	4.0 PLUGGING AND ABANDONMENT COST			
____	(A)Workover Rig 40 hrs @ $135/hr	5400		5400
____	(B)Crew Travel Time and mileage	280		280
____	(C)Pump truck and Cementing	3500		3500
____	(D)Cement Retainer(s) & Setting Tools	3000		3000
____	(E)Test Packer & Tool Man	2200		2200
____	(F)Supervision	1500		1500
	SUB TOTAL	15880	0	15880
	TOTAL COST TO TEST PC THEN PLUG AND ABANDON WELL BORE (CODES 1.0 + 2.0 + 4.0)	24300	0	24300

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

Intention to Abandon

Re: Permanent Abandonment

Well: 4 D.J. Simmons

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) 326-6201.

3. Blowout prevention equipment is required.

4. The following modifications to your plugging program are to be made (when applicable):

1) Cap retainer with 50' minimum of Cement
2) Plug from 2010 - 1910 + 50% excess
3) plug from 1412 - 1020 inside & outside 4½" casing if cement top is below Ojo Alamo
4) Place cement plug across casing leaks and squeeze.
5) Plug from 170 to surface inside & outside 4½" casing.

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 withdrawl 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.