

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE\*  
(Other instructions on reverse side)

Form approved.  
Budget Bureau No. 1004-0135  
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> Water Injector	2. NAME OF OPERATOR Chevron U.S.A. Inc., Room 13097	3. ADDRESS OF OPERATOR P. O. Box 599, Denver, CO 80201	4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 1980' FSL, 660' FEL (NE/SE)	5. LEASE DESIGNATION AND SERIAL NO. 14-20-603-735-A	6. INDIAN, ALLOTTEE OR TRIBE NAME Tribal	7. UNIT AGREEMENT NAME West Bisti Unit	8. FARM OR LEASE NAME West Bisti Unit	9. WELL NO. WBU #101	10. FIELD AND POOL, OR WILDCAT West Bisti - Lower Gallup	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 13, T26N-R14W	12. COUNTY OR PARISH San Juan	13. STATE NM
14. PERMIT NO. API #30-045-05849	15. ELEVATIONS (Show whether DF, RT, GR, etc.) KB 6423, GL 6413											

18. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON\*

CHANGE PLANS

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

SUBSEQUENT REPORT OF:

REPAIRING WELL

ALTERING CASING

ABANDONMENT\*

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. 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.)\*

It is proposed to plug and abandon West Bisti Unit #101 as follows:

1. MIRU. Kill well as required. N/D tree. N/U BOPE and test.
2. Pressure test backside to 500 psi.
3. POOH w/2-3/8" tbg and pkr.
4. RIH w/bit & csg scraper to  $\pm 5312'$  (PBTD), CIRC. Clean. POOH.
5. RIH w/CICR on tbg & set same @  $\pm 5175'$ .
6. Cmt squeeze perfs 5238-5250 w/ $\pm 100$  sx cmt. Sting out and leave  $\pm 50'$  cmt on top of CICR.
7. If csg did not pressure test in S.I.P.#2, locate leaks & cmt squeeze.
8. Perforate top 1' of Cliff House formation ( $\pm 2281'$ ). RIH w/CICR & set same  $\pm 50'$  above Cliff House formation & cmt squeeze Cliff House w/ $\pm 100$  sx cmt. Sting out & leave  $\pm 50'$  of cmt on top of CICR.
9. Perforate top 1' of Pictured Cliffs formation ( $\pm 1578'$ ). RIH w/CICR & set same  $\pm 50'$  above Pictured Cliffs. Cmt squeeze perfs w/ $\pm 100$  sx cmt. Sting out & leave  $\pm 50'$  cmt on top of CICR.
10. Bullhead  $\pm 150$  sx cmt down  $5\frac{1}{2}'' \times 9\frac{5}{8}''$  annulus - max press = 300 psi.
11. Spot balanced cmt plug from  $\pm 300'$  to surface.
12. N/D BOPE. Cut off wellhead. Install dryhole marker.
13. RDMOL.

6 - BLM

1 - EEM

1 - JTL

2 - EPA

2 - Drlg

1 - File

DATE 12-29-88

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

SIGNED

TITLE Technical Assistant

(This space for Federal or State office use)

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

DATE

\*See Instructions on Reverse Side

BUREAU OF LAND MANAGEMENT  
1235 La Plata Highway  
Farmington, New Mexico 87401  
Phone (505) 327-5344

Attachment to Notice of  
Intention to Abandon

Re: Permanent Abandonment

Well: 101 West B. 5th Unit

CONDITIONS OF APPROVAL

1. Plugging operations authorized are subject to the attached "General Requirements for Permanent Abandonment of Wells on Federal Leases."

2. Bill Blackwell with the Farmington Office is to be notified at least 24 hours before the plugging operations commence (505) 327-5344.

3. Blowout prevention equipment is required.

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

- 1) Bring cement top to 4835'
- 2) Spot a plug from 2985' - 2885' inside & outside 5 1/2 casing
- 3) " " " 1920' - 1820' " " " "
- 4) Spot a plug from 1628' - 1425' " " " "

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 is to be used when using class B neat cement or when  $\text{CaCl}_2$  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.