UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL / GAS WELL / OTHER — Re-work [illegible]

2. NAME OF OPERATOR

[illegible]

3. ADDRESS OF OPERATOR

P.O. Box [illegible] Farmington, New Mexico 87401

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface 1601' from the North line of Sec. 13, T28N R3W
1650' from the East line of Sec. 33, T29N R3W

Aztec Pictured Cliffs

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

12. COUNTY OR PARISH 13. STATE

San Juan New Mexico

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF	PULL OR ALTER CASING	WATER SHUT-OFF	REPAIRING WELL
FRACTURE TREAT	MULTIPLE COMPLETE	FRACTURE TREATMENT	ALTERING CASING
SHOOT OR ACIDIZE	ABANDON*	SHOOTING OR ACIDIZING	ABANDONMENT*
REPAIR WELL	CHANGE PLANS	(Other) Report [illegible]	

(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.)

SEE BACK SIDE

RECEIVED
DEC 23 1969
OIL CON. COM.
DIST. 3

RECEIVED
U. S. GEOLOGICAL SURVEY
DURANGO, COLO.

ILLEGIBLE

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

SIGNED [signature] TITLE Operator

(This space for Federal or State office use)

APPROVED BY TITLE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

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DEC 23 1985
OIL CON. COM.
DIST. 3

U. S. GEOLOGICAL SURVEY
DURANGO, COLO.

Instructions

General: This form is designed for submitting proposals to perform certain well operations, and reports of such operations when completed, as indicated, on Federal and Indian lands pursuant to applicable Federal law and regulations, and, if approved or accepted by any State on all lands in such State pursuant to applicable State law and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 17: Proposals to abandon a well and subsequent reports of abandonment should include such special information as required by local Federal and/or State officials. In addition, such proposals and reports should include reasons for the abandonment; date on any former or present productive zones; or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs, sand or other materials placed below, between and above plugs; amount, size, method of parting of any casing, liner or tubing pulled and the depth to top of any left in the hole; method of closing top of well; and that well site conditioned for final inspection looking to approval of the abandonment.

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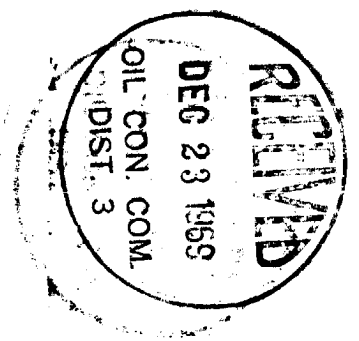
The complete re-working and testing of the Ann #10 well has been completed for this year. The accomplishment of this re-work and testing has been to get the well back on the pump and produce oil, and to prove to our satisfaction that our extensive engineering and research program was right in its conclusions.

The Oil is present in this formation and from tests it is 41 gravity, but because of the bentonitic condition of the formation plus the lack of pressure to move the oil that is in place, a natural procedure of removing the oil will be impossible.

We are now preparing to formulate a new approach to this problem, at first it was thought that a regular water flood was the answer to the production problem, but because of the bentonitic condition that would completely seal off the formation under normal waterflood conditions, we are in the process of working out a formula combining a polimer (pusher) injection flood along with an Ionic chemical. The profile of the sand formation ranges from a very low (thin streaks) permability to a very encouraging 287 md. thereby making the use of polimer a recommended procedure from the standpoint of an even pressure flood and avoiding the possibility of an early break through of water, thereby by-passing most of the oil in place.

The Ionic chemical will nutralize the bentonite in the formation thus allowing the oil to flow freely through the sand to the borehole. This method has been tried successfully and we feel that once we get the program under way we also, will have a successful conclusion.

Because of the nature of the weather, from December through February, we are not attempting to start the re-working of the wells at this time, but a complete outlay of our program will become apparent as we begin to file the proper forms for the re-working of certain wells and the proposal of drilling, probably, as many as [illegible] additional wells for injection purposes.



ILLEGIBLE

DEC 2
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DIST. 3