

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

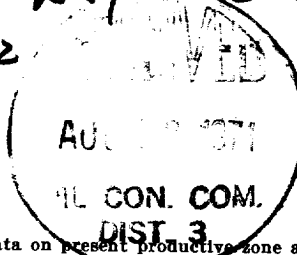
1a. TYPE OF WORK DRILL ☐ DEEPEN ☐ PLUG BACK ☒		5. LEASE DESIGNATION AND SERIAL NO. NM 12751 (Federal)
b. TYPE OF WELL OIL WELL ☐ GAS WELL ☐ OTHER Re-Entry SINGLE ZONE ☐ MULTIPLE ZONE ☐		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
2. NAME OF OPERATOR ATOM, INC.		7. UNIT AGREEMENT NAME
3. ADDRESS OF OPERATOR P. O. Box 1109, Farmington, New Mexico 87401		8. FARM OR LEASE NAME Bari-Federal
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 790 ft. from North line, 1000 ft. From east line. Sec. 3, NE$\frac{1}{4}$, T.23N-R. 1W. At proposed prod. zone Torreón Párcos-P. C.		9. WELL NO. 2
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* Five miles from Regina		10. FIELD AND POOL, OR WILDCAT Regina W.C.
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) as above	16. NO. OF ACRES IN LEASE 160	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 3: NE$\frac{1}{4}$, T23, R 1W
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.	19. PROPOSED DEPTH 2800	12. COUNTY OR PARISH Rio Arriba
21. ELEVATIONS (Show whether DF, RT, GR, etc.) G. R. 7317 (Corrected)	17. NO. OF ACRES ASSIGNED TO THIS WELL 160	13. STATE New Mex.
22. APPROX. DATE WORK WILL START* August 16, 1971		

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
8 5/8	8 /58	24 lb.	100 feet	60
	4 1/2	9.5	=2965 "	100

We will reenter abandoned P. C. test. Pipe is still in the hole. We will attempt to re-cement the casing thru perforations at 2742-2752. We will then re-perforate and test the Torreón Puerco formation for gas. Intervals between 2730 and 2760 are our target.

was previously Star-Dyna-Ray Oil & Gas Co Inc
Bari-Fed #2



IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED [Signature] TITLE **President** DATE **Aug. 16, 1971**
(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

hold C-104 for
new flat

*See Instructions On Reverse Side

Instructions

General: This form is designed for submitting proposals to perform certain well operations, as indicated, on all types of lands and leases for appropriate action by either a Federal or a State agency, or both, pursuant to applicable Federal and/or State laws 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 1: If the proposal is to redrill to the same reservoir at a different subsurface location or to a new reservoir, use this form with appropriate notations. Consult applicable State or Federal regulations concerning subsequent work proposals or reports on the well.

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 14: Needed only when location of well cannot readily be found by road from the land or lease description. A plat, or plats, separate or on this reverse side, showing the roads to, and the surveyed location of, the well, and any other required information, should be furnished when required by Federal or State agency offices.

Items 15 and 18: If well is to be, or has been directionally drilled, give distances for subsurface location of hole in any present or objective production zone.

Item 22: Consult applicable Federal or State regulations, or appropriate officials, concerning approval of the proposal before operations are started.