

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other in-
structions on
reverse side)Form approved.
Budget Bureau No. 42-R355.5.

5. LEASE DESIGNATION AND SERIAL NO.

N.1. 12751 Federal 1

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Bari-Federal

9. WELL NO.

2

10. FIELD AND POOL, OR WILDCAT

Regina

11. SEC., T., R., M., OR BLOCK AND SURVEY
OR AREASec: 3, NE 1/4
T-23-N, R-1-W.12. COUNTY OR
PARISH

Rio Arriba New Mexico

13. STATE

1a. TYPE OF WELL:

OIL
WELL ☐GAS
WELL ☒DRY ☐

Other

b. TYPE OF COMPLETION:

NEW
WELL ☐WORK
OVER ☐DEEP-
EN ☐PLUG
BACK ☐DIFF.
RESVR. ☐

Other

Re-Entry

2. NAME OF OPERATOR

ATOM, INC.

3. ADDRESS OF OPERATOR

P. O. Box 1109, Farmington, New Mexico 87401

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*

At surface 790 ft. from North line, 1000 ft. East line

At top prod. interval reported below Sec. 3, NE 1/4, T-23-N, R-1-W.

At total depth

14. PERMIT NO.

DATE ISSUED

8-16-71

15. DATE SPUDDED

8-12-71

16. DATE T.D. REACHED

8-20-71

17. DATE COMPL. (Ready to prod.)

11-27-71

18. ELEVATIONS (DF, REB, RT, GR, ETC.)*

GR. 7319

19. ELEV. CASINGHEAD

7320

20. TOTAL DEPTH, MD & TVD

2925

21. PLUG, BACK T.D., MD & TVD

2752

22. IF MULTIPLE COMPL.,
HOW MANY*

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*

2731 - 2751

26. TYPE ELECTRIC AND OTHER LOGS RUN

Gamma Ray

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD
3-5/8"	29.5	100'	10-3/4"	60
4-1/2"	9.5	2965	5"	100

RECEIVED
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29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)

31. PERFORATION RECORD (Interval, size and number)

2731 - 2751
3-1/8" Densi Jets
40 Holes

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
2742-2751	Squeezed 100 sacks cement
2731-2751	15000# Sand - 15000 water

33.* PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
		Pump					
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
		3/4	→				
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
Pumping	165	→		100,000 cu ft	50		

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

TITLE

DATE

*(See Instructions and Spaces for Additional Data on Reverse Side)

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency 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. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

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 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. **Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool. **Item 33:** Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES:

SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	GEOLOGIC MARKERS		
				NAME	MEAS. DEPTH	TRUE VERT. DEPTH
	2731'	2751'	Torrejon Puerco			
8-12-71 subject well re-entered, water 300 feet from top. Set packer at 2420 and swabbed water and gas. Set packer at 2780 and swabbed water and gas. Set plug at 2760 and squeezed through perforations at 2742-52, 100 sacks cement. Drilled out cement to 2752. 8-20-71 perforated and fraced. Interval from 2731-2751 with 15,000 lbs sand and 15,000 gallons water. Ran 2" tubing, swabbed until well came in, on 9-2-71 blowing strongly gas and water. 9-3-71 well died. 9-27-71 ran 3/4" rods and pump. 11-29-71 set unit. Well shut in from 9-2 to 9-27-71 and annulus pressure standing at 600 lbs. Put well on pump. Well awaiting pipe line connection.						