

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

30-045-21940

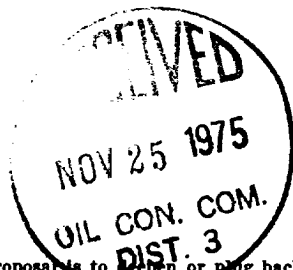
## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>			5. LEASE DESIGNATION AND SERIAL NO. SF-080008
b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>			6. IF INDIAN, ALLOTTEE OR TRIBE NAME NONE
2. NAME OF OPERATOR Bedford, Inc.			7. UNIT AGREEMENT NAME NONE
3. ADDRESS OF OPERATOR P.O. Box E, Farmington, N.H. 87401			8. FARM OR LEASE NAME CRAB
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 1320 ft. fr South Line, 920 ft. fr East line At proposed prod. zone			9. WELL NO. 1
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*			10. FIELD AND POOL OR WILDCAT Wildcat <i>Pictured Cliffs</i>
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any) 920 ft.			11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA S 8-T26N, R12W
16. NO. OF ACRES IN LEASE 160 ac.			12. COUNTY OR PARISH San Juan Co.
17. NO. OF ACRES ASSIGNED TO THIS WELL 160ac. ✓			13. STATE N.H.
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 140 ft.			19. PROPOSED DEPTH 1200 ft.
20. ROTARY OR CABLE TOOLS Rotary			21. ELEVATIONS (Show whether DF, RT, GR, etc.) 5939 ground
22. APPROX. DATE WORK WILL START* Nov. 28, 1975			

## 23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
3 3/4 "	7 "	20#	40'	Circ. to surf.
6 1/4 "	4 1/2 "	9.5#	1185'	50 sacks reg.

Operator intends to drill a well with rotary tools to an estimated total depth of 1200 ft. to test the Pictured Cliffs Sandstone. 4 1/2" casing will be set at the top of the Pictured Cliffs Ss. and the top 10 ft. of the sandstone will be drilled dry, tested and, if productive, will be completed natural. If non-productive, the well will be abandoned in accordance with instruction of the appropriate U.S.G.S. authority.



NOV 24 1975

U. S. GEOLOGICAL SURVEY

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. Samuel Bedford TITLE Owner DATE Nov. 24, 1975  
(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

C-102 wildcat gas well  
Nov 1975 C-102 for C-102

See Instructions On Reverse Side

## Development Plan for Surface Use

for proposed Bedford #1 Crab Well  
located 920' fr E line, 1820' fr S line,  
Section 8, T26N, R12W, N.M.P.M.,  
San Juan Co, New Mexico

The attached U.S.G.S. 1:24,000 scale topographic map indicates the proposed location of the well, the existing roads and existing wells in the immediate area. The proposed location is accessible by an existing main road running north from El Paso Natural Gas Company's Chaco Plant and by a secondary road extending westward from this main road to the operator's Gallup Formation producing well, the #1 Frontier "A", which is located 1750' from the East line and 790' from the South line of section 8. The proposed location is immediately beside the existing location for the Frontier A, #1 well and will require no additional road or location construction for drilling.

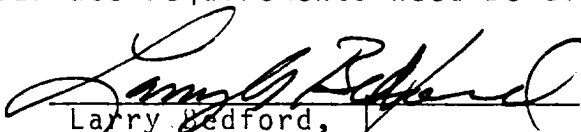
The water supply to drill the well will be supplied by trucking either from El Paso's Chaco plant or from the San Juan River.

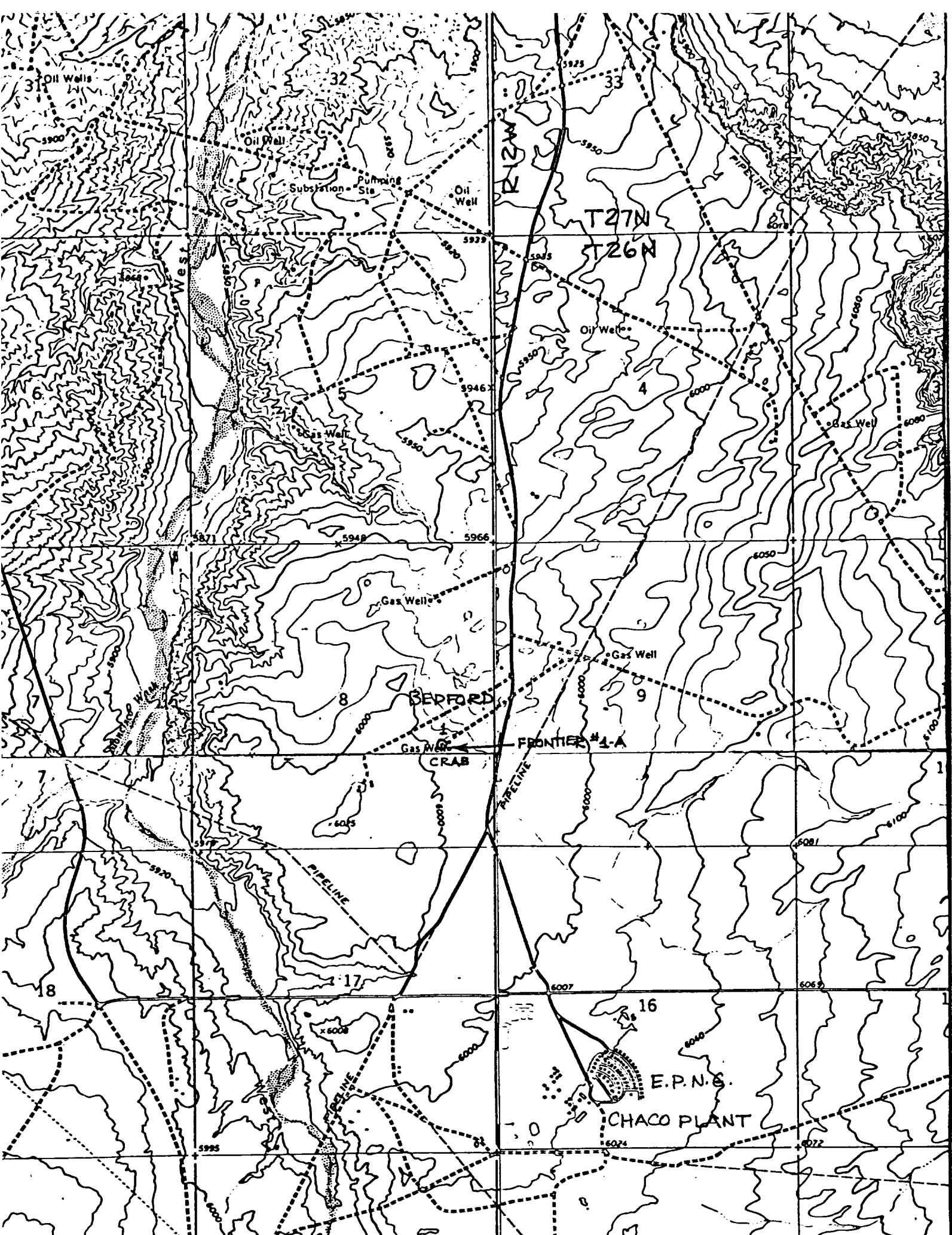
All trash and garbage introduced to the area by the drilling of this well will be collected, placed ~~in~~ the reserve pit to be constructed for the drilling and buried upon completion of the drilling.

The rig location layout is indicated on the attached drawing. No airstrip construction is contemplated.

Upon completion of the drilling, all pits will be filled, the location cleaned and leveled to as near the present existing contour as is possible.

The field representative for the drilling of this well is Mr. Larry Bedford, Box E, Farmington, N.M. 87401-Phone 505-325-1211. He should be contacted if further surface requirements need be discussed.

  
Larry Bedford,  
Nov. 24, 1975



# RIG LOCATION LAYOUT DIAGRAM

of Bedford, Inc. #1 Crab well,  
1820' fr S line, 920' fr E line,  
S8-T26N-R12W, N.M.P.M.,  
San Juan Co. New Mexico

