

# El Paso Natural Gas Company

El Paso, Texas 79978

August 7, 1973

ADDRESS REPLY TO  
POST OFFICE BOX 990  
FARMINGTON, NEW MEXICO 87401

Mr. Jerry Long  
U. S. Geological Survey  
Post Office Box 1809  
Durango, Colorado 81301

Re: Application for Permit to Drill  
Canyon Largo Unit #221  
SWNW/4 Section 3, T-24-N, R-7-W  
Ballard Pictured Cliffs

Dear Mr. Long:

Details regarding existing roads, pipelines, wells, etc. relative to the above well location are included on the previously submitted base maps, "Field Road Map" and "Composite Map No. 1".

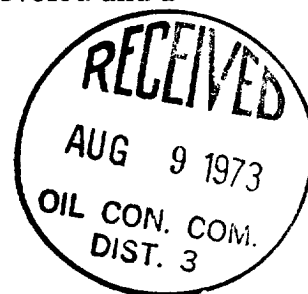
The proposed new well location, new roads and new pipeline are shown on the attached plat along with connecting existing roads and pipelines in the vicinity of the proposed new well.

Water for drilling and completion operations will be obtained from a water hole located in Largo Wash. Waste material will be disposed of by burial in the burn pit, latrine, or reserve pit as applicable. There will be no camp nor air strip associated with drilling this well. Upon completion or abandonment of this well, the location will be cleaned and leveled and a dry hole marker placed, if applicable.

Yours truly,

*D. G. Brisco*

D. G. Brisco  
Drilling Clerk



pb

RECEIVED  
AUG 8 1973

U. S. GEOLOGICAL SURVEY  
FARMINGTON, NEW MEXICO

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

## 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 078922
b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
2. NAME OF OPERATOR El Paso Natural Gas Company		7. UNIT AGREEMENT NAME Canyon Largo Unit
3. ADDRESS OF OPERATOR PO Box 990, Farmington, NM 87401		8. FARM OR LEASE NAME Canyon Largo Unit
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface  At proposed prod. zone 1800'N, 810'W		9. WELL NO. 221
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*		10. FIELD AND POOL, OR WILDCAT Ballard Pictured Cliffs
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 3, T-24-N, R-7-W NMPM
16. NO. OF ACRES IN LEASE		12. COUNTY OR PARISH Rio Arriba
17. NO. OF ACRES ASSIGNED TO THIS WELL 173.50		13. STATE New Mexico
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.		20. ROTARY OR CABLE TOOLS Rotary
19. PROPOSED DEPTH 2710'		21. ELEVATIONS (Show whether DF, RT, GR, etc.) 7050'GR
22. APPROX. DATE WORK WILL START*		

## 23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	8 5/8"	24.0#	120'	110 cu.ft. to circ. to surface
6 3/4"	2 7/8"	6.4#	2710'	230 cu.ft. to cover Ojo Alamo

Selectively perforate and sandwater fracture the Pictured Cliffs formation.

The NW/4 of Section 3 is dedicated to this well.



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 D. P. Luisco TITLE Drilling Clerk DATE August 6, 1973

(This space for Federal or State office use)

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

APPROVED BY [Signature] TITLE \_\_\_\_\_ DATE AUG 8 1973

CONDITIONS OF APPROVAL, IF ANY:

Supersedes 0-12-0  
Effective 1-1-0

221

RIO ARRIBA

TEST

173.50

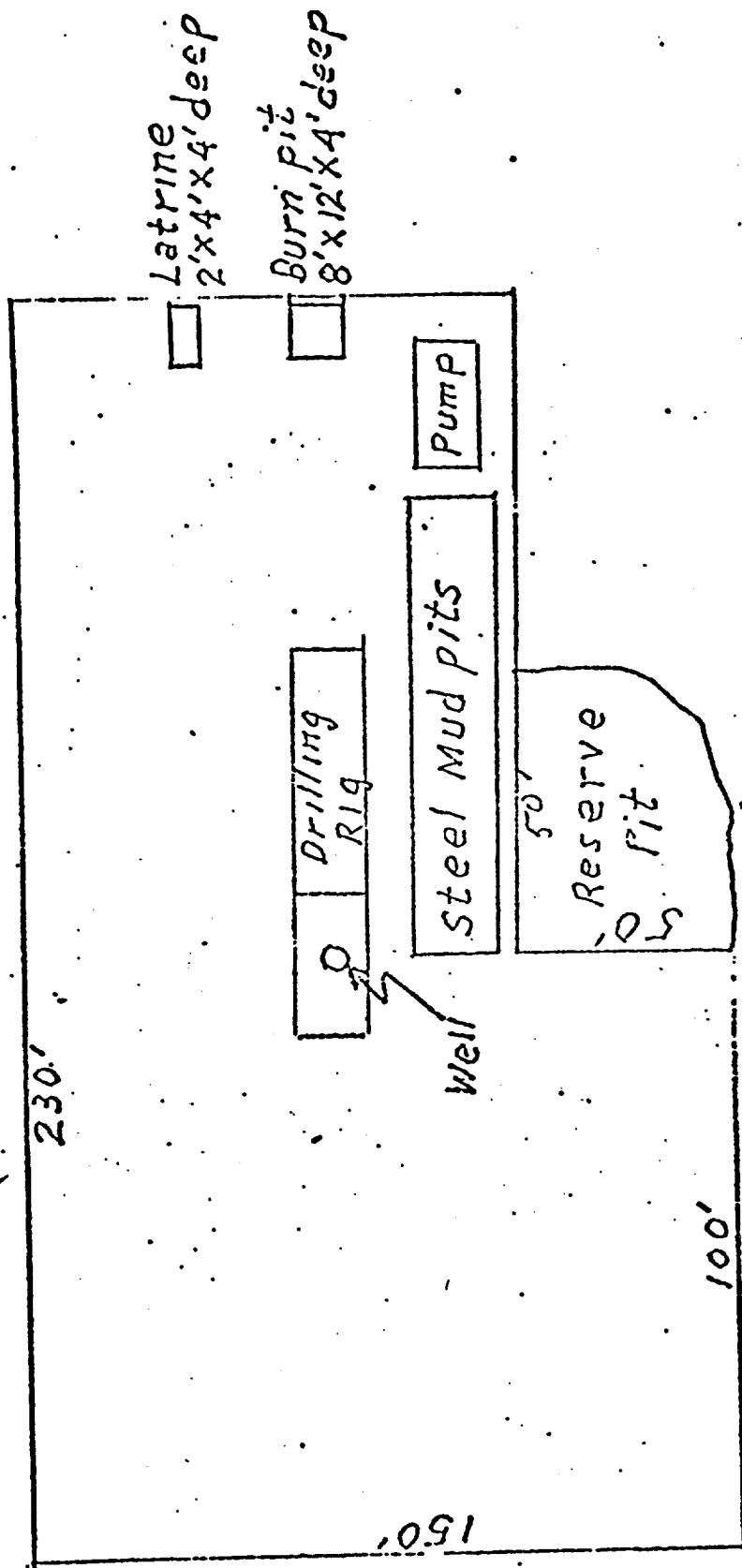
- 1760

OIL CON. COM.  
DIST. 3

38.42

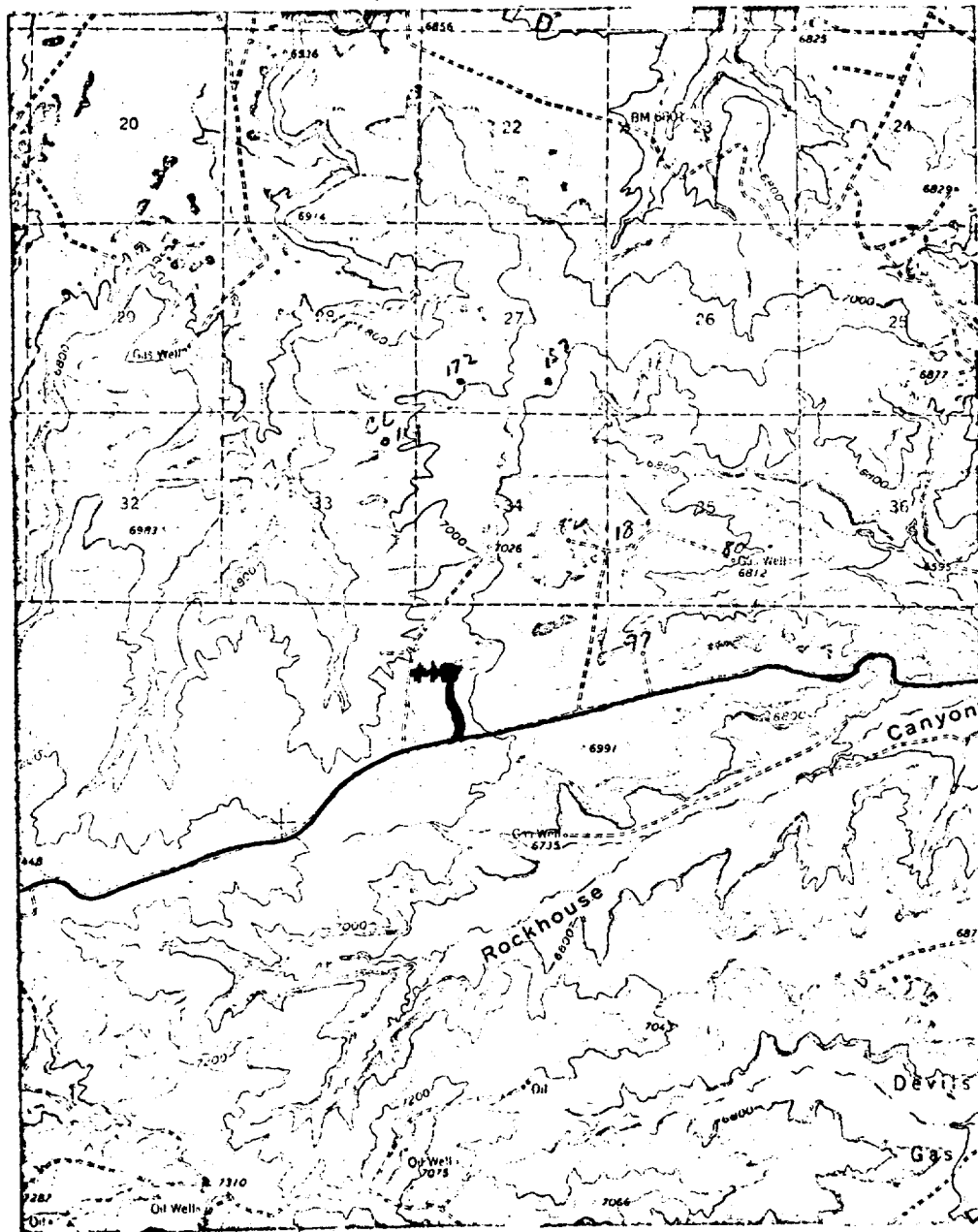
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CANYON Largo Unit No. 221



Canyon Largo Unit #221  
 SW NW 3-24-7

L-7-N



J  
 25  
 71

J  
 24  
 71

LEGEND OF RIGHT-OF-WAYS

EXISTING ROADS	—————
EXISTING PIPELINES	— + + + —
EXISTING ROAD & PIPELINE	— + + + —
PROPOSED ROADS	—————
PROPOSED PIPELINES	+ + + +
PROPOSED ROAD & PIPELINE	+ + + +

STATE OF NEW MEXICO  
OIL CONSERVATION COMMISSION  
1000 Rio Brazos Road  
Aztec, New Mexico 87410

August 13, 1973

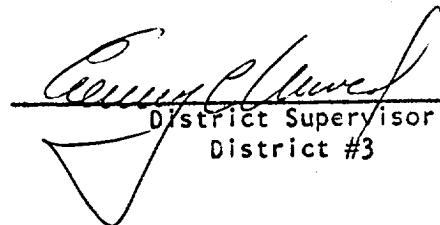
El Paso Natural Gas Company  
PO Box 990  
Farmington, N. M. 87401

Attention: Charles Higgins

SUBJECT: NON-STANDARD GAS PRORATION UNIT CONSISTING OF 173.50 ACRES  
IN THE Ballard PC GAS POOL DESCRIBED AS  
FOLLOWS:

TOWNSHIP 24 NORTH, RANGE 7 WEST, NMPM  
SECTION: 3

By authority granted me by Rule 5(B) of Order No. R-1670, as amended, the  
above-described acreage has been approved as a non-standard gas proration  
unit to be dedicated to the Canyon Largo Unit  
Well No. 221, located 1800/N; 810/W of said  
Section 3. NW Quarter

  
District Supervisor  
District #3

cc: Oil Conservation Commission  
Santa Fe, New Mexico