

El Paso Natural Gas Company

El Paso, Texas 79978

October 9, 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 #224
NWSW/4 Section 1, T-25-N, R-6-W
South Blanco 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 well located in Section 3, T-25-N, R-6-W. 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

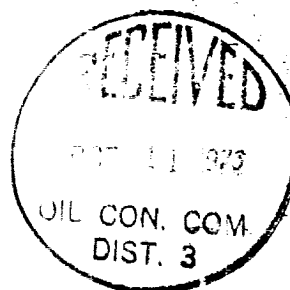
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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 078885	
b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <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 1550'S, 800'W At proposed prod. zone		9. WELL NO. 224	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*		10. FIELD AND POOL, OR WILDCAT So. Blanco 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 B.L.K. AND SURVEY OR AREA Sec. 1, T-25-N, R-6-W NMPM	
16. NO. OF ACRES IN LEASE		12. COUNTY OR PARISH 13. STATE Rio Arriba NM	
17. NO. OF ACRES ASSIGNED TO THIS WELL 160.00		18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.	
19. PROPOSED DEPTH 3030'		20. ROTARY OR CABLE TOOLS Rotary	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 6758'GR		22. APPROX. DATE WORK WILL START*	
23. PROPOSED CASING AND CEMENTING PROGRAM			
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH
12 1/4"	8 5/8"	24.0#	120'
6 3/4"	2 7/8"	6.4#	3030'
		QUANTITY OF CEMENT	
		110 cu. ft. to circ. to surface	
		230 cu. ft. to cover Ojo Alamo	

Selectively perforate and sandwater fracture the Pictured Cliffs formation.

The SW/4 of Section 1 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 A. P. Dineen TITLE Drilling Clerk DATE October 9, 1973
(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

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

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Supervisor of Oil & Gas
Conservation

All distances must be from the corner boundaries of the section.

EL PASO NATURAL GAS COMPANY

CANYON LARGO UNIT

(SF-078885)

224

L

1

25-N

6-W

RIO ARRIBA

1550

SOUTH

800

WEST

6758

PICTURED CLIFFS

SO. BLANCO PICTURED CLIFFS

160.00

1. Outline the acreage dedicated to the subject well by colored pencil or lacquer marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☒ Yes ☐ No If answer is "yes" type of consolidation Unitization

If answer is "no" list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.)

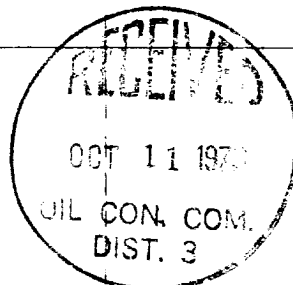
No allowable will be assigned to the well until all interests have been consolidated by communitization, unitization, forced-pooling, or otherwise or until a non-standard unit, eliminating such interests, has been approved by the Commission.

SECTION 1

SF-078885

800'

1550'



CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

A. J. Brown

Drilling Clerk

El Paso Natural Gas Co.

October 9, 1973

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

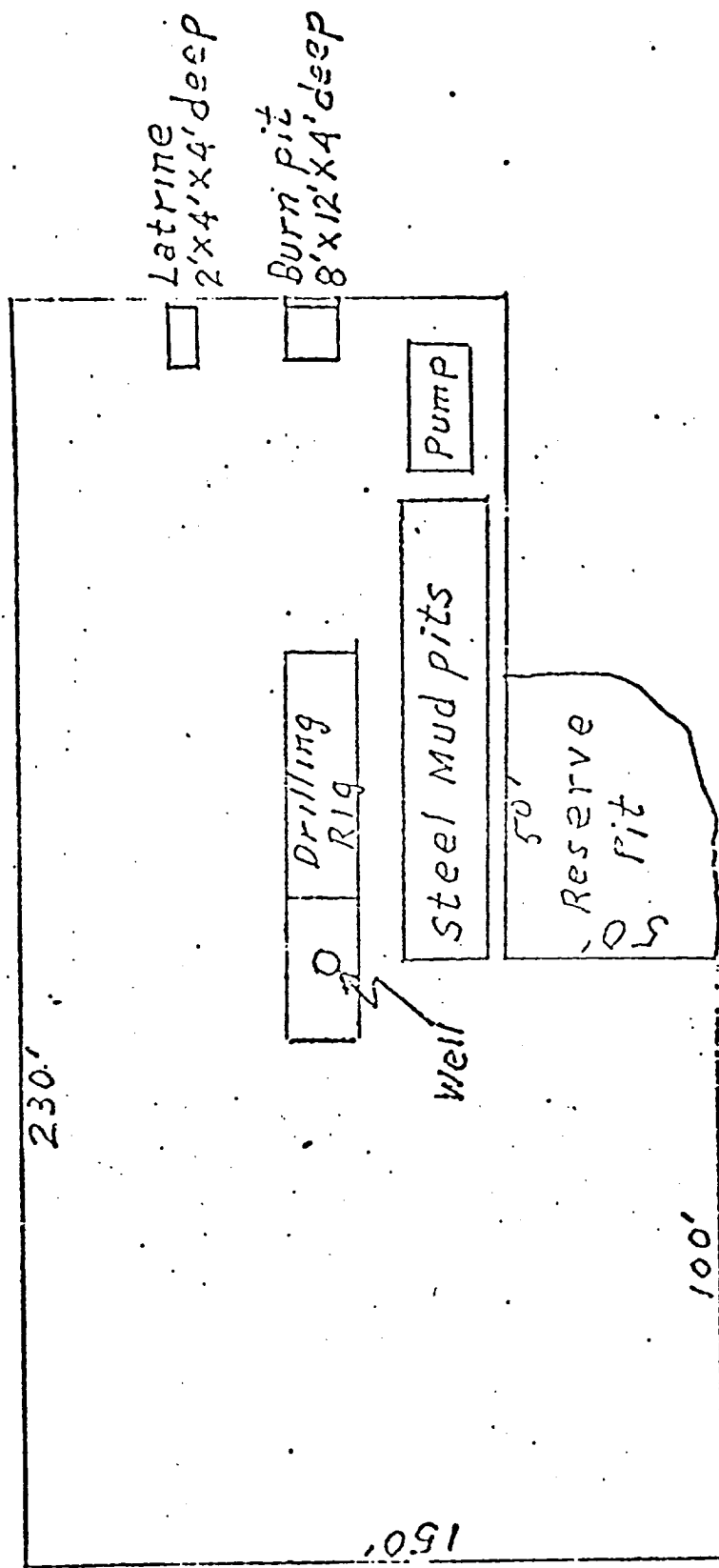
MARCH 19, 1973

Edith M. Wilson

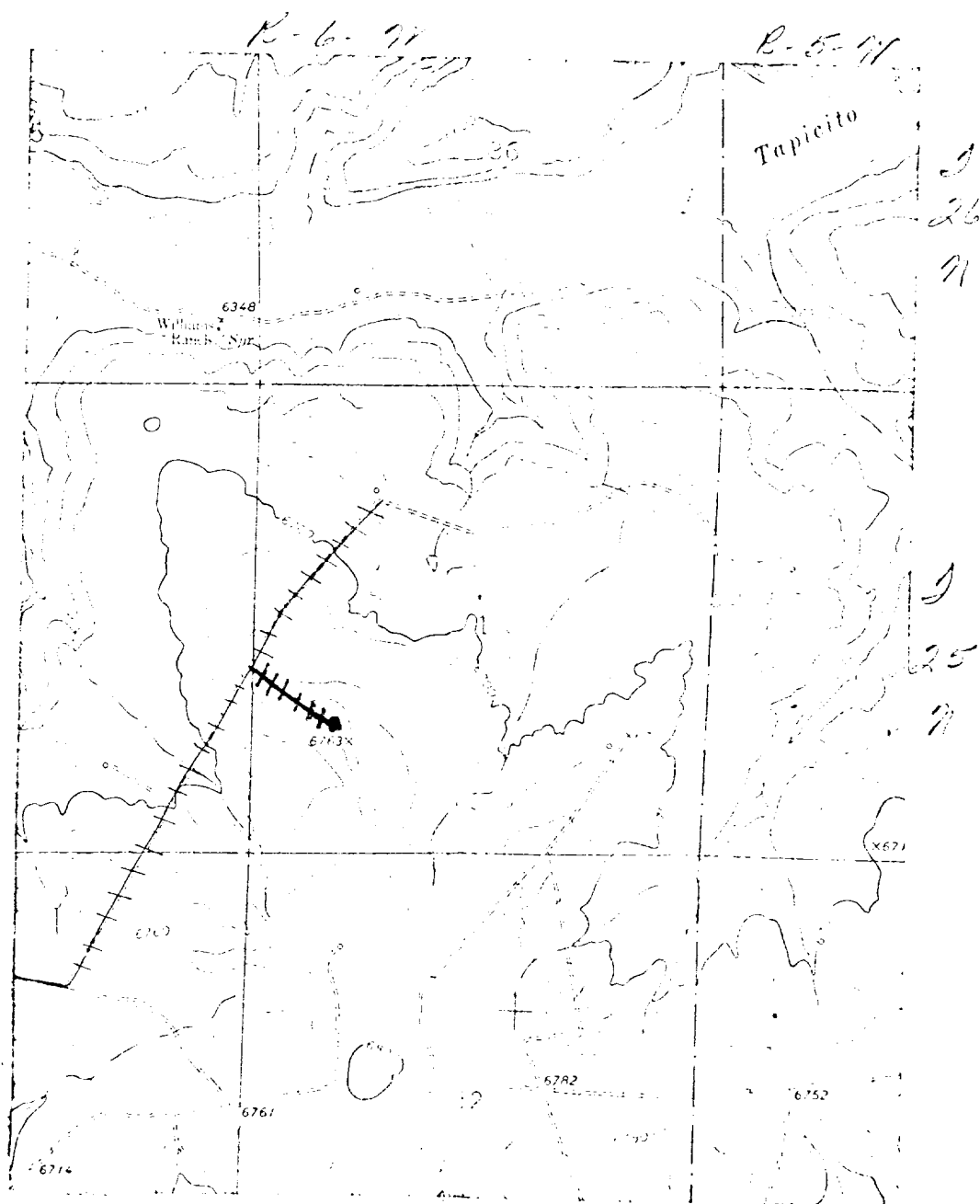
1760

LOCATION AND EQUIPMENT LAY-OUT

Canyon Largo Unit No. 224



San Juan Range No. 1 #234
Map of Area 1, S-25-N R-6-W



LEGEND OF RIGHT-OF-WAYS

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