

30-045-21603

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 ☐

b. TYPE OF WELL

OIL
WELL ☐GAS
WELL ☒

OTHER

SINGLE
ZONE ☐MULTIPLE
ZONE ☒

2. NAME OF OPERATOR

El Paso Natural Gas Company

3. ADDRESS OF OPERATOR

PO Box 990, Farmington, NM 87401

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

At surface

1135'N, 1460'E

At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drig. unit line, if any)

16. NO. OF ACRES IN LEASE

18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

19. PROPOSED DEPTH

3530'

17. NO. OF ACRES ASSIGNED
TO THIS WELL

143.12

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

6270'GL

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
13 3/4"	9 5/8"	32.3#	120'	126 cu. ft. to circulate
8 3/4"	2 7/8"	6.4#	2500'	504 cu. ft. cover Ojo Alamo
6 3/4"	2 7/8"	6.4#	3530'	327 cu. ft. to cover Lewis

Selectively perforate and sandwater fracture the Pictured Cliffs and Chacra formation.

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

NOV 20 1974
U. S. GEOLOGICAL SURVEY
FARMINGTON, N.M.

Pending Evaluation of the Pictured Cliffs zone in this well, the Turner Hughes #4 may be plugged.

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. D. Davis

TITLE

Drilling Clerk

DATE November 19, 1974

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

**NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT**

Form C-102
Supersedes C-128
Effective 1-1-65

All distances must be from the outer boundaries of the Section.

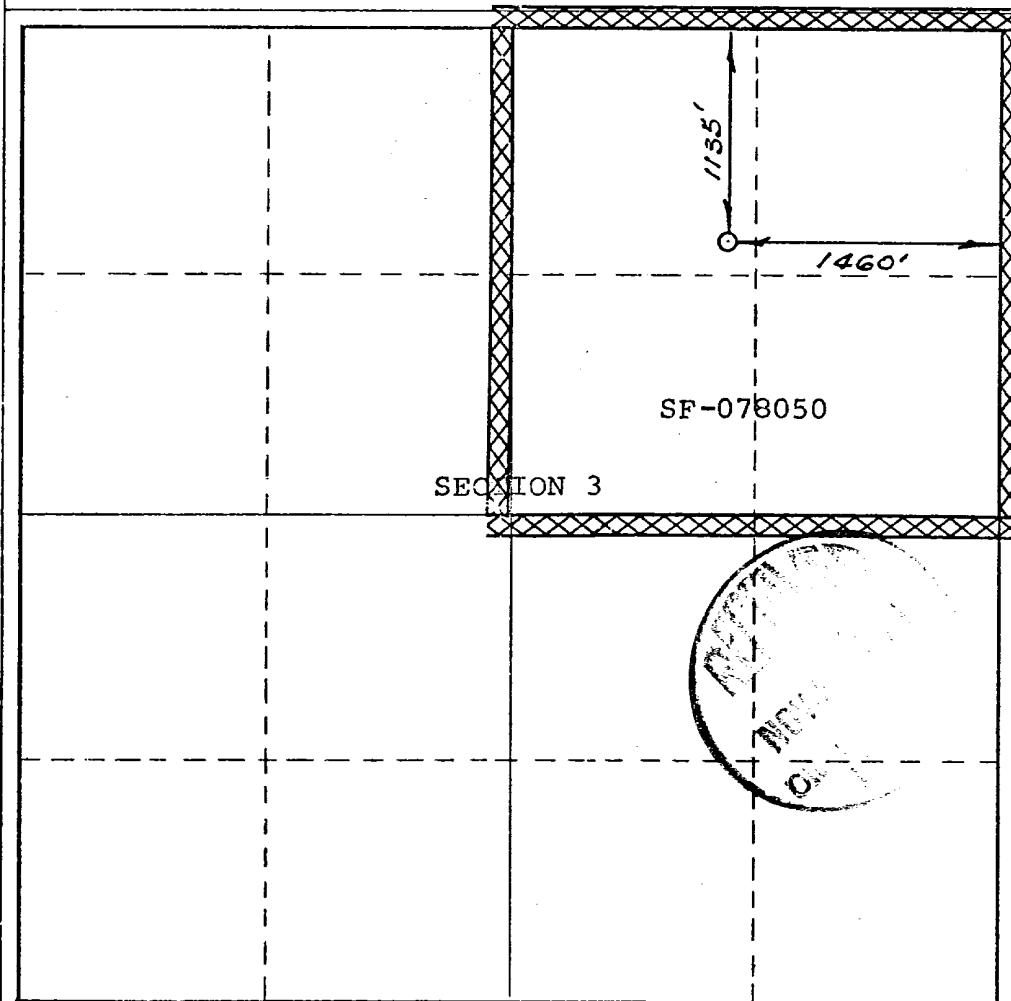
Operator EL PASO NATURAL GAS COMPANY		Lease TURNER HUGHES (SF-078050)		Well No. 19
Unit Letter B	Section 3	Township 27-N	Range 9-W	County SAN JUAN
Actual Footage Location of Well: 1135 feet from the NORTH line and 1460 feet from the EAST line				
Ground Level Elev. 6270	Producing Formation PICTURED CLIFFS-CHACRA	Pool HARRIS MESA CHACRA EXT. SO. BLANCO PICTURED CLIFFS	Dedicated Acreage: 143.12 Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hachure 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 _____

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.



CERTIFICATION

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

Original _____ by
D. G. Driscoll

Name _____

Position _____

El Paso Natural Gas Co.

Company _____

November 19, 1974

Date _____

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.

Date Surveyed _____

NOVEMBER 14, 1974

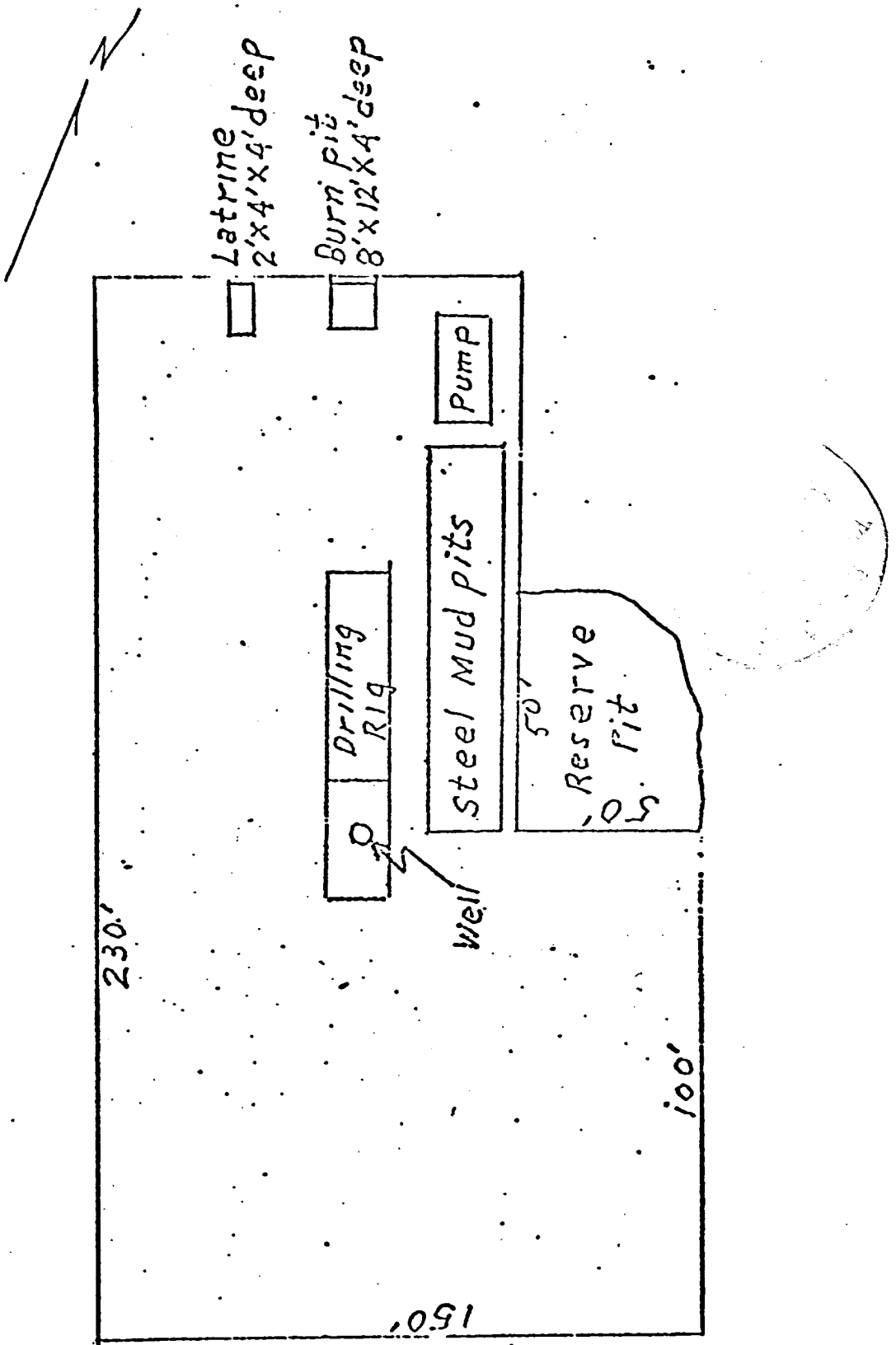
Registered Professional Engineer
and/or Land Surveyor

[Signature]

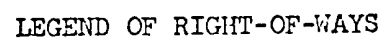
Certificate No. **1760**

0 330 660 990 1320 1650 1980 2310 2640 2970 3300 3630 3960 4290 4620 4950 5280 5610 5940 6270

Lerner Hughes #19



L. G. W.



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

El Paso Natural Gas Company

El Paso, Texas 79974

November 19, 1974

ADDRESS REPLY TO
POST OFFICE BOX 959
FARMINGTON NEW MEXICO 87401

Mr. P. T. McGrath
U. S. Geological Survey
Post Office Box 959
Farmington, New Mexico 87401

NOV 20 1974

U. S. GEOLOGICAL SURVEY
FARMINGTON, N. M.

Re: Application for Permit to Drill
Turner Hughes #19
NWNE/4 Section 3, T-27-N, R-7-W
Blanco Pictured Cliffs - Harris Mesa Chacra Ext.

Dear Mr. McGrath:

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 the following location: water hole in Section 9, T-27-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 very truly,

D. G. Brisco

D. G. Brisco
Drilling Clerk

pb

OIL CONSERVATION COMMISSION
3 DISTRICT

OIL CONSERVATION COMMISSION
BOX 2088
SANTA FE, NEW MEXICO

DATE 12-2-74

RE: Proposed MC ✓
Proposed DHC _____
Proposed NSL _____
Proposed SWD _____
Proposed WFX _____
Proposed PMX _____

*Allen
Carl Olveg*

Gentlemen:

I have examined the application dated 11-20-74
for the El Paso Nat Gas Co Turner-Hughes #19 B-3-27N-9W
Operator Lease and Well No. Unit, S-T-R

and my recommendations are as follows:

C. J. J. J.

Yours very truly,

Allen C. J. J.

NEW MEXICO OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO
APPLICATION FOR MULTIPLE COMPLETION

Form O-107
5-1-61

Operator El Paso Natural Gas Company		County San Juan	Date November 20, 1974
Address PO Box 990, Farmington, NM 87401		Lease Turner Hughes	Well No. 19
Location of Well B	Unit 3	Township 27N	Range 9W

1. Has the New Mexico Oil Conservation Commission heretofore authorized the multiple completion of a well in these same pools or in the same zones within one mile of the subject well? YES * NO
2. If answer is yes, identify one such instance: Order No. * ; Operator Lease, and Well No.: *Re: NMOCC Memo #18-58

3. The following facts are submitted:	Upper Zone	Intermediate Zone	Lower Zone
a. Name of Pool and Formation	So. Blanco Pictured Cliffs		Harris Mesa Chacra Ext
b. Top and Bottom of Pay Section (Perforations)	2375-2460'		3295-3530
c. Type of production (Oil or Gas)	Gas		Gas
d. Method of Production (Flowing or Artificial Lift)	Flow		Flow

4. The following are attached. (Please check YES or NO)

- | | | |
|-------------------------------------|-------------------------------------|---|
| Yes | No | |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | a. Diagrammatic Sketch of the Multiple Completion, showing all casing strings, including diameters and setting depths, centralizers and/or turbolizers and location thereof, quantities used and top of cement, perforated intervals, tubing strings, including diameters and setting depth, location and type of packers and side door chokes, and such other information as may be pertinent. |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | b. Plat showing the location of all wells on applicant's lease, all offset wells on offset leases, and the names and addresses of operators of all leases offsetting applicant's lease. |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | c. Waivers consenting to such multiple completion from each offset operator, or in lieu thereof, evidence that said offset operators have been furnished copies of the application.* |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | d. Electrical log of the well or other acceptable log with tops and bottoms of producing zones and intervals of perforation indicated thereon. (If such log is not available at the time application is filed it shall be submitted as provided by Rule 112-A.) |

5. List all offset operators to the lease on which this well is located together with their correct mailing address.

Skelly Oil Co., 1860 Lincoln St., Denver, CO 80203

Dugan Production, Box 234, Farmington, NM 87401

6. Were all operators listed in Item 5 above notified and furnished a copy of this application? YES ☒ NO ☐ . If answer is yes, give date of such notification **November 20, 1974** .

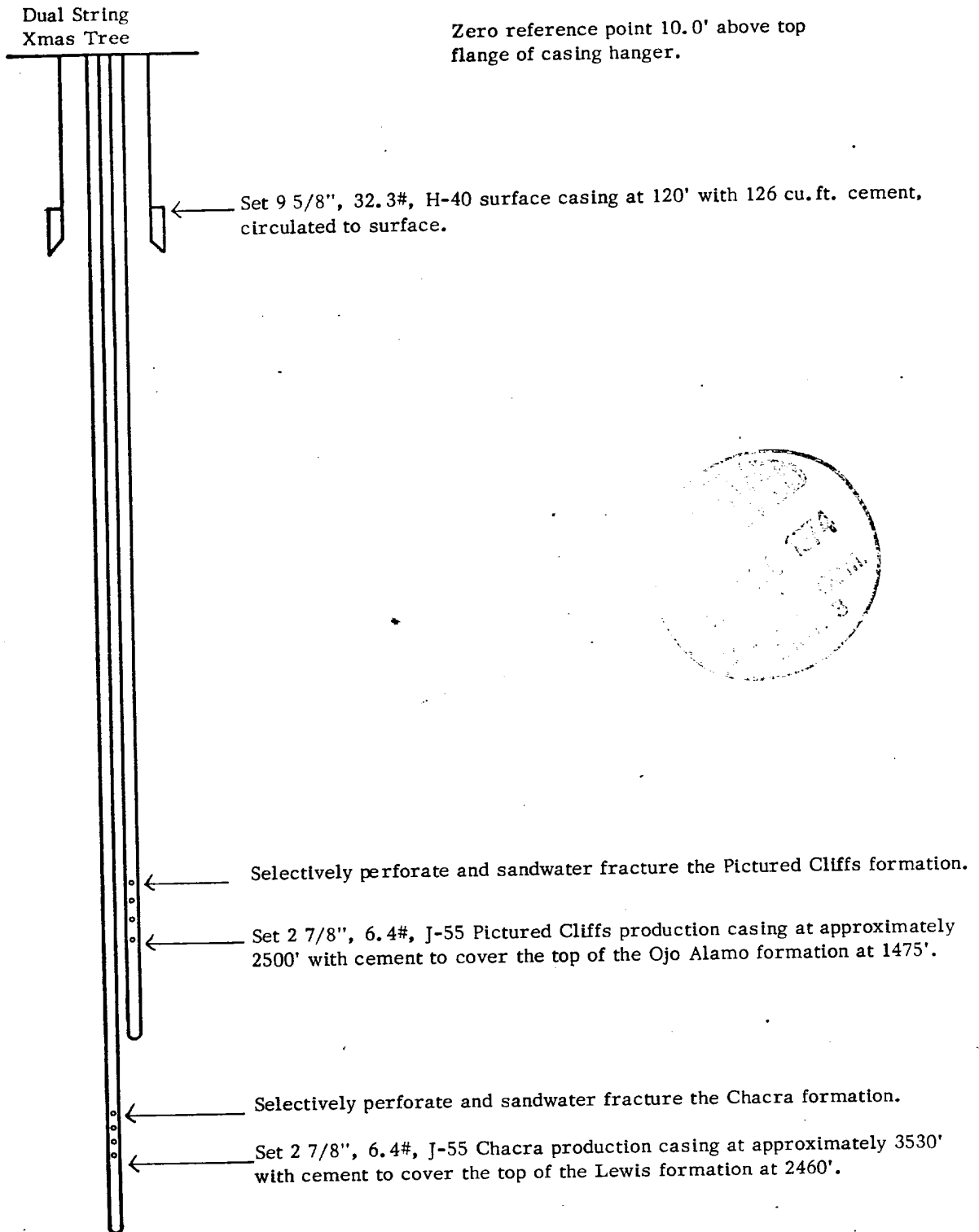
CERTIFICATE: I, the undersigned, state that I am the **Drilling Clerk** of the **El Paso Natural Gas Co.** (company), and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.

[Signature]
Signature

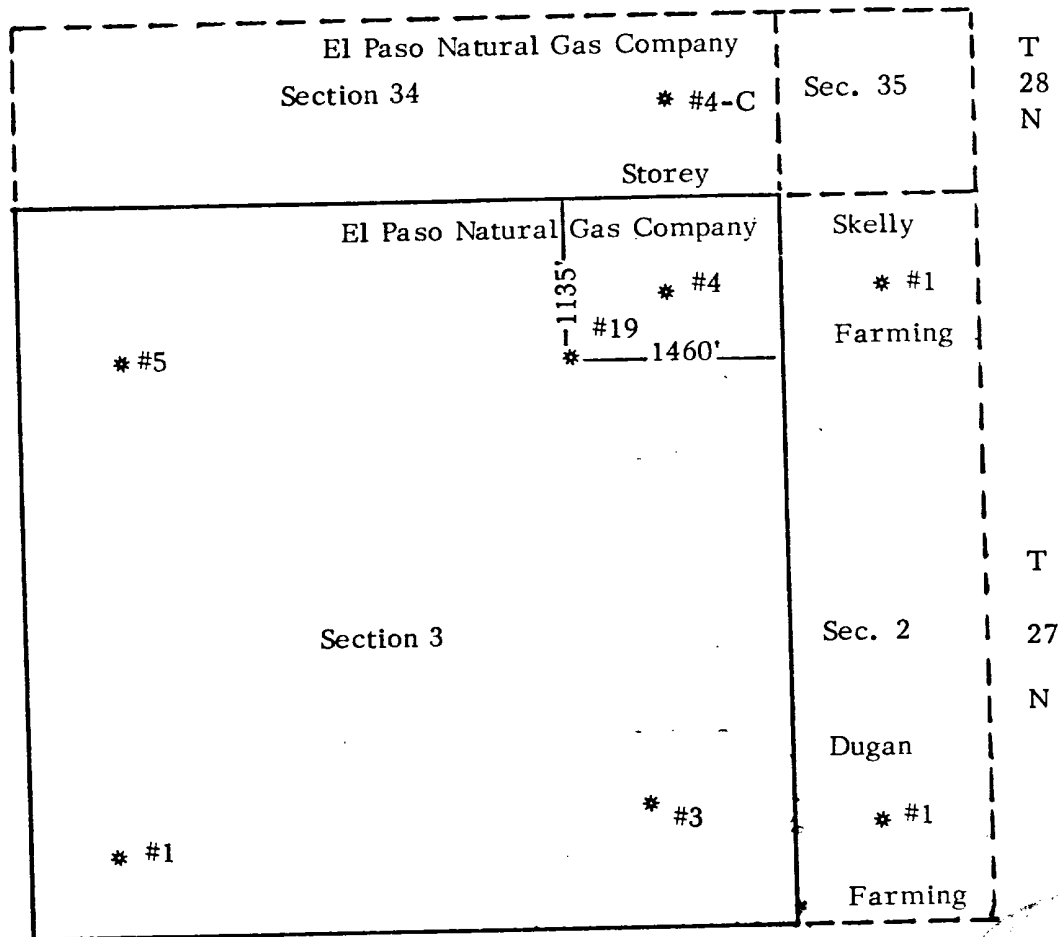
*Should waivers from all offset operators not accompany an application for administrative approval, the New Mexico Oil Conservation Commission will hold the application for a period of twenty (20) days from date of receipt by the Commission's Santa Fe office. If, after said twenty day period, no protest nor request for hearing is received by the Santa Fe office, the application will then be processed.

NOTE: If the proposed multiple completion will result in an unorthodox well location and/or a non-standard proration unit in one or more of the producing zones, then separate application for approval of the same should be filed simultaneously with this application.

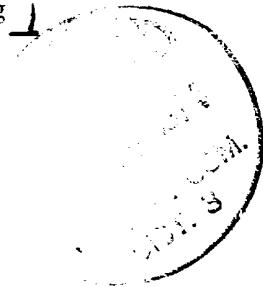
Schematic Diagram of Proposed Dual Completion (Tubingless)
El Paso Natural Gas Company Turner Hughes #19 (PC-Ch)
NE/4 Section 3, T-27-N, R-9-W



Plat Showing Location of Proposed Dual Completion (Tubingless)
 El Paso Natural Gas Company Turner - Hughes #19 (PC-Ch) Well
 and Offset Acreage



R - 9 - W



EL PASO NATURAL GAS COMPANY

DATE
 DRAWN BY

DATE
 CHECKED BY