

NO. OF COPIES RECEIVED	5
DISTRIBUTION	
SANTA FE	1
FILE	1
U.S.G.S.	2
LAND OFFICE	
OPERATOR	1

NEW MEXICO OIL CONSERVATION COMMISSION

Eff. 2-1-71,  
Pan American Petro. Corp.  
has changed its name to  
AMOCO PROD. CO.

Form C-101  
Revised 1-1-65 30-045-20123

5A. Indicate Type of Lease	
STATE <input type="checkbox"/>	FEE <input checked="" type="checkbox"/>
5. State Oil & Gas Lease No.	

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work		7. Unit Agreement Name	
b. Type of Well OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		8. Farm or Lease Name <b>Texas National Gas Com</b>	
2. Name of Operator <b>PAN AMERICAN PETROLEUM CORPORATION</b>		9. Well No. <b>1</b>	
3. Address of Operator <b>501 Airport Drive, Farmington, New Mexico 87401</b>		10. Field and Pool, or Wildcat <b>Astec Pictured Cliffs</b>	
4. Location of Well UNIT LETTER <b>K</b> LOCATED <b>1670'</b> FEET FROM THE <b>South</b> LINE AND <b>820'</b> FEET FROM THE <b>West</b> LINE OF SEC. <b>19</b> TWP. <b>29N</b> RGE. <b>9W</b> NMPM		12. County <b>San Juan</b>	
19. Proposed Depth <b>2100'</b>		19A. Formation <b>Pictured Cliffs</b>	
20. Rotary or C.T. <b>Rotary</b>		21. Elevations (Show whether DF, RT, etc.) <b>5540' GL</b>	
21A. Kind & Status Plug. Bond <b>State Wide</b>		21B. Drilling Contractor <b>Arapahoe Drilling Co.</b>	
22. Approx. Date Work will start <b>11-30-70</b>			

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
12-1/4"	8-5/8"	24#	200'	200	Surface
6-3/4"	2-7/8"	6.4#	2100'	550	Surface

Well to be drilled through Pictured Cliffs and casing set.

Completion based upon in-casing Gamma Ray-Neutron log.

Copy of Location Plat attached.

Copy of logs will be furnished upon completion of the well.

Non-Standard Unit approved under NMOCC Order No. R-3669.

Verbal approval received Mr. Emery Arnold, NMOCC, to Joe Pridgeon, Pan American, 11-30-70.

(Since well location was moved, please void Form C-101 dated 11-25-70)

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. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

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

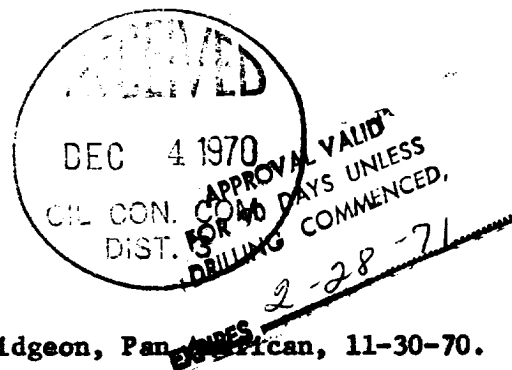
ORIGINAL SIGNED BY

Signed D. A. WAYMAN Title Area Engineer Date November 30, 1970

(This space for State Use)

APPROVED BY [Signature] TITLE Sup Dist III DATE 11-30-70

CONDITIONS OF APPROVAL, IF ANY:



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.

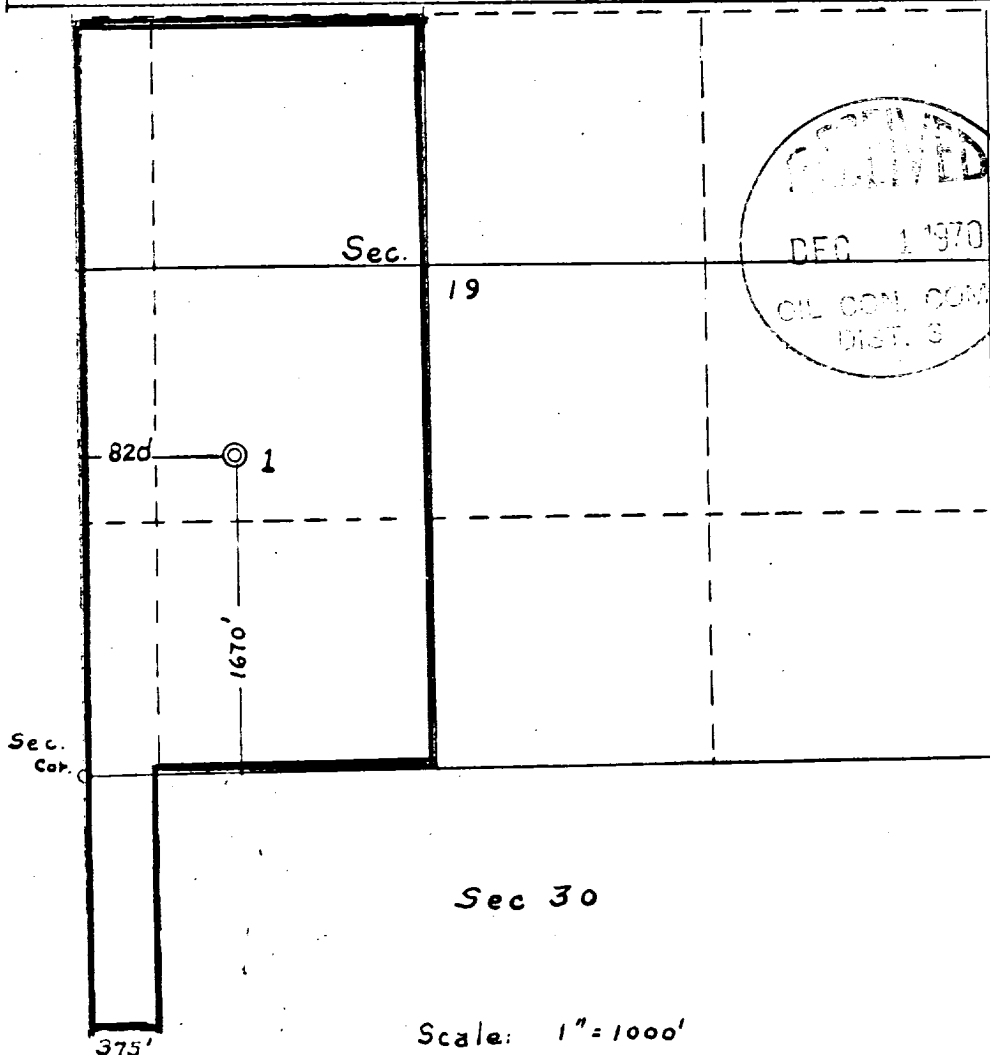
Operator <b>Pan American Petroleum Corp.</b>		Lease <b>Texas National Gas Com</b>		Well No. <b>1</b>
Unit Letter <b>K</b>	Section <b>19</b>	Township <b>29N</b>	Range <b>9W</b>	County <b>San Juan</b>
Actual Well Location of Well: <b>1670</b> feet from the <b>South</b> line and <b>820</b> feet from the <b>West</b> line				
Ground Elev. <b>5540</b>	Producing Formation <b>Pictured Cliffs</b>	Pool <b>Aztec Pictured Cliffs</b>	Dedicated Acreage: * <b>166.18</b> Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure 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 Communitization

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. \*Non-Standard Proration Unit approved under N.M.O.C.C. Order No. R-3669.



CERTIFICATION

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

Name  
**D. A. Wayhan**  
Position  
**Area Engineer**  
Company  
**PAN AMERICAN PETROLEUM CORP.**  
Date  
**November 30, 1970**

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 28, 1970**  
Registered Professional Engineer and/or Land Surveyor  
**Fred B. Kerr Jr.**  
Certificate No.  
**3950**