

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

The Polumbus Petroleum Corp., A Division of W. R. Grace &amp; Co.

## 3. ADDRESS OF OPERATOR

3 Park Central, Suite 200, 1515 Arapahoe St., Denver, Co. 80202

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

At surface

1,100' FNL &amp; 1,110' FWL

At proposed prod. zone

Same as above

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

2 miles northeast

## 15. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

(Also to nearest drlg. unit line, if any)

## 18. DISTANCE FROM PROPOSED LOCATION\*

TO NEAREST WELL, DRILLING, COMPLETED,  
OR APPLIED FOR, ON THIS LEASE, FT.1,200' com-  
pleted well

## 16. NO. OF ACRES IN LEASE

## 19. PROPOSED DEPTH

6,800+

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

N/320 .96

## 20. ROTARY OR CABLE TOOLS

Rotary

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

6,896' ungraded

## 22. APPROX. DATE WORK WILL START\*

August 1, 1978

## 23.

## PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 " "	8 5/8"	24#	300'	cement to surface
7 7/8"	5 1/2"	15.5# & 17.0#	TD	300 sxs

It is proposed to drill and test the Dakota formation at the above location. The total depth will be approximately 6,800'.

A production string of 5 1/2" casing will be run and cemented, or the well will be plugged and abandoned as tests and logs indicate.

See attachments for the pertinent details.

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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 sub-surface locations and measured and true vertical depths. Give blowout preventer program, if any.

## 24.

SIGNED

*X Leath Smith*

TITLE

Production Engineer

DATE

June 16, 1978

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*ok Frank*

\*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.

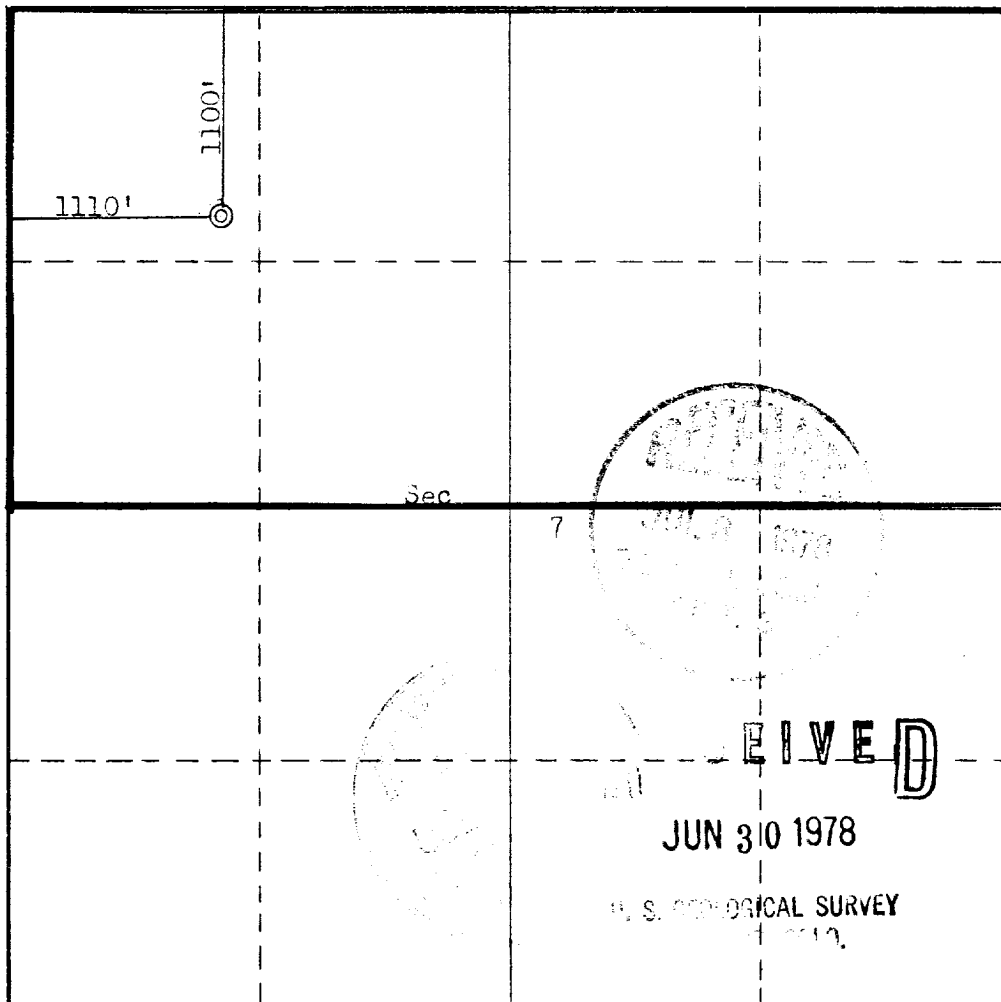
Operator <b>Petroleum Corp.</b> <b>THE COLUMBUS COMPANY</b>			Lease <b>McBEE-FEDERAL</b>		Well No. <b>1</b>
Unit Letter <b>D</b>	Section <b>7</b>	Township <b>23N</b>	Range <b>6W</b>	County <b>Rio Arriba</b>	
Actual Footage Location of Well: <b>1100</b> feet from the <b>North</b> line and <b>1110</b> feet from the <b>West</b> line					
Ground Level Elev. <b>6896</b>	Producing Formation <b>X Dakota</b>		Pool <b>X Basin-Dakota Gas</b>		Dedicated Acreage: <b>X 320.96</b> 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). **Single lease**
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

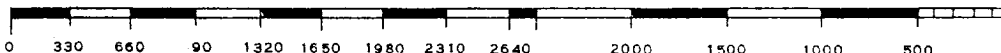
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

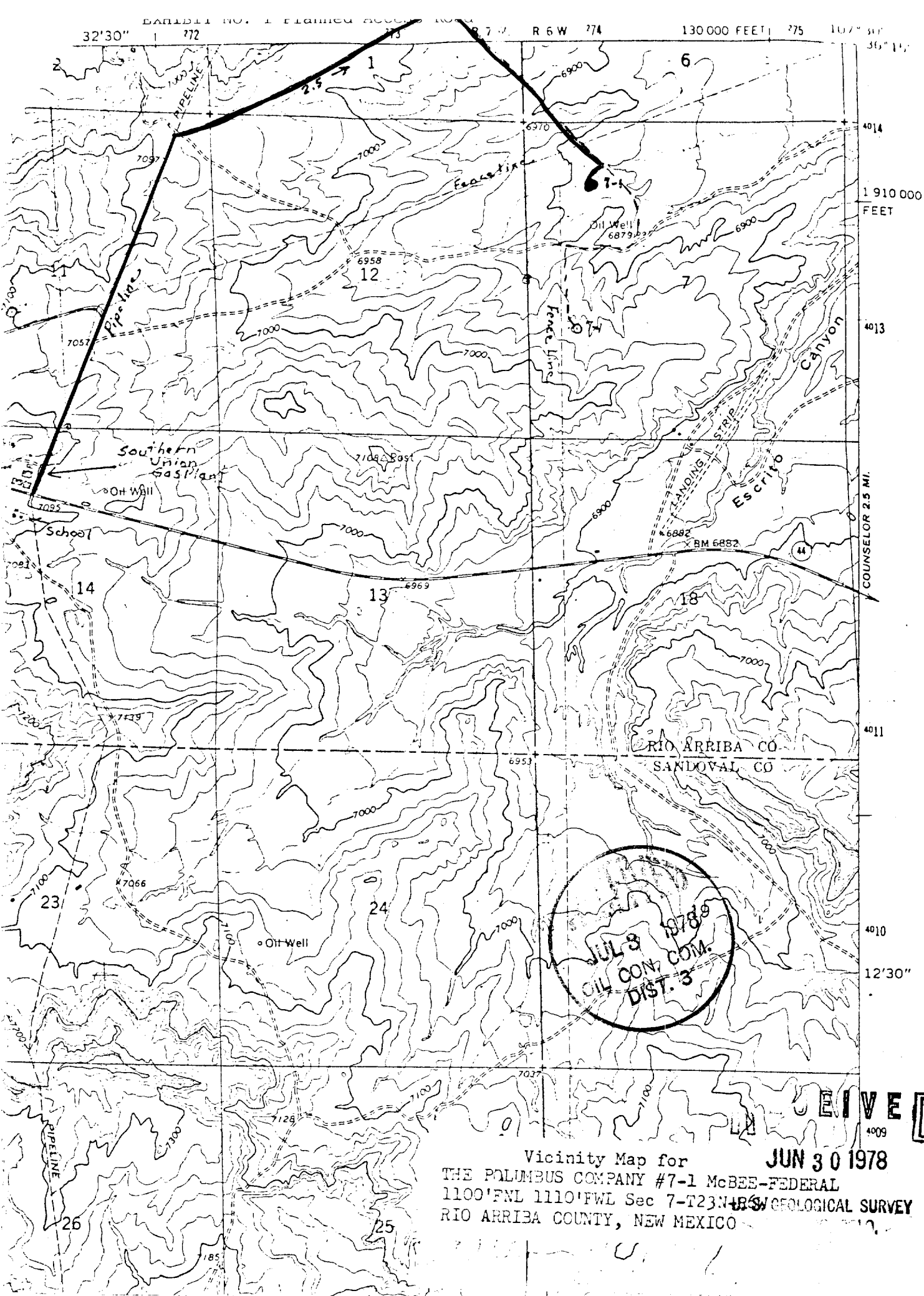
**X** *Scotty A. Smith*  
Name  
**X** **Scotty A. Smith**  
Position  
**X** **Production Engineer**  
Company  
**Polumbus Petroleum Corp.**

Date  
**X** **7/11/78**

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  
**June 3, 1978**  
Registered Professional Engineer and/or Land Surveyor  
*Fred B. Kerr Jr.*  
**Fred B. Kerr Jr.**  
Certificate No. **3950**





Vicinity Map for  
THE COLUMBUS COMPANY #7-1 McBEE-FEDERAL  
1100'FWL 1110'FWL Sec 7-T23N-18W GEOLOGICAL SURVEY  
RIO ARRIBA COUNTY, NEW MEXICO

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