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LAND OFFICE	
OPERATOR	

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

5A. Indicate Type of Lease	
STATE ☐	FEE ☒
5. State Oil & Gas Lease No.	

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

7. Unit Agreement Name
8. Farm or Lease Name
DANBURG GCB
9. Well No.
1E
10. Field and Pool, or Wildcat
BASIN DAKOTA
12. County
SAN JUAN

1a. Type of Work	
DRILL ☒	DEEPEN ☐ PLUG BACK ☐
b. Type of Well	
OIL WELL ☐	GAS WELL ☒ OTHER ☐
2. Name of Operator	
M.R. SCHALK	
3. Address of Operator	
P O BOX 25825 ALBUQUERQUE NM 87125	
4. Location of Well	
UNIT LETTER A	LOCATED 790 FEET FROM THE NORTH LINE
AND 790 FEET FROM THE EAST	LINE OF SEC. 21 TWP. 30N RGE. 12W
19. Proposed Depth	
6615'	
19A. Formation	
DAKOTA	
20. Rotary or C.T.	
ROTARY	
21. Elevations (Show whether DF, RT, etc.)	
5655' GL	
21A. Kind & Status Plug. Bond	
STATE WIDE	
21B. Drilling Contractor	
ARAPAHOE DRILLING CO.	
22. Approx. Date Work will start	
AS SOON AS PERMIT	

E-320

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#	300'	300	CIR. TO SURFA
7 7/8"	5 1/2"	15.5#	6615'	1st Stg. 300	4600'
				2nd Stg. 575	300'

DV COLLAR TO BE RUN BELOW MESAVERDE AND CEMENT TO BOTTOM OF 8 5/8" SURFACE CASING.

PROPOSE TO DRILL THIS DEVELOPMENT WELL IN ORDER TO GAIN OPTIMUM GAS RECOVERY FROM BASIN DAKOTA FIELD. SAMPLES WILL BE TAKEN AT 20' INTERVALS FROM 5000' TO TD. NO CORES OR DST'S ARE PLANNED. LOGS WILL BE RUN FROM SURFACE CASING TO TD. PROSPECTIVE ZONES WILL BE PERFORATED AND FRACTURED. BLOWOUT PREVENTER EQUIPMENT WILL BE AS INDICATED ON THE ATTACHED EXHIBIT, AND WILL BE TESTED AT REGULAR INTERVALS. NECESSARY STEPS WILL BE TAKEN TO PROTECT THE ENVIRONMENT.

APPROVAL VALID
FOR 90 DAYS UNLESS
DRILLING COMMENCED,

** ADDITIONAL INFORMATION ON REVERSE

EXPIRES 5-16-82

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.

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

Signed Steve Schalk Title AGENT Date 11/12/81

(This space for State Use)

APPROVED BY Jeff A. Edmister TITLE DEPUTY OIL & GAS INSPECTOR, DIST. #3 DATE NOV 18 1981

CONDITIONS OF APPROVAL, IF ANY:

Hold C-104 for operator change

#23 ** ADDITIONAL INFORMATION

ESTIMATED FORMATION TOPS

FRUITLAND	1501'
PICTURE CLIFFS	1831'
MESAVERDE	3437'
GALLUP	5360'
DAKOTA	6365'
TD	6615'

ESTIMATED DEPTHS AT WHICH WATER, OIL, GAS, OR
OTHER MINERALS ARE EXPECTED TO BE ENCOUNTERED:

1501', 3437', 5360', 6365'

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

Form O-112
Supersedes O-128
Effective 1-1-65

All distances must be from the outer boundaries of the Section

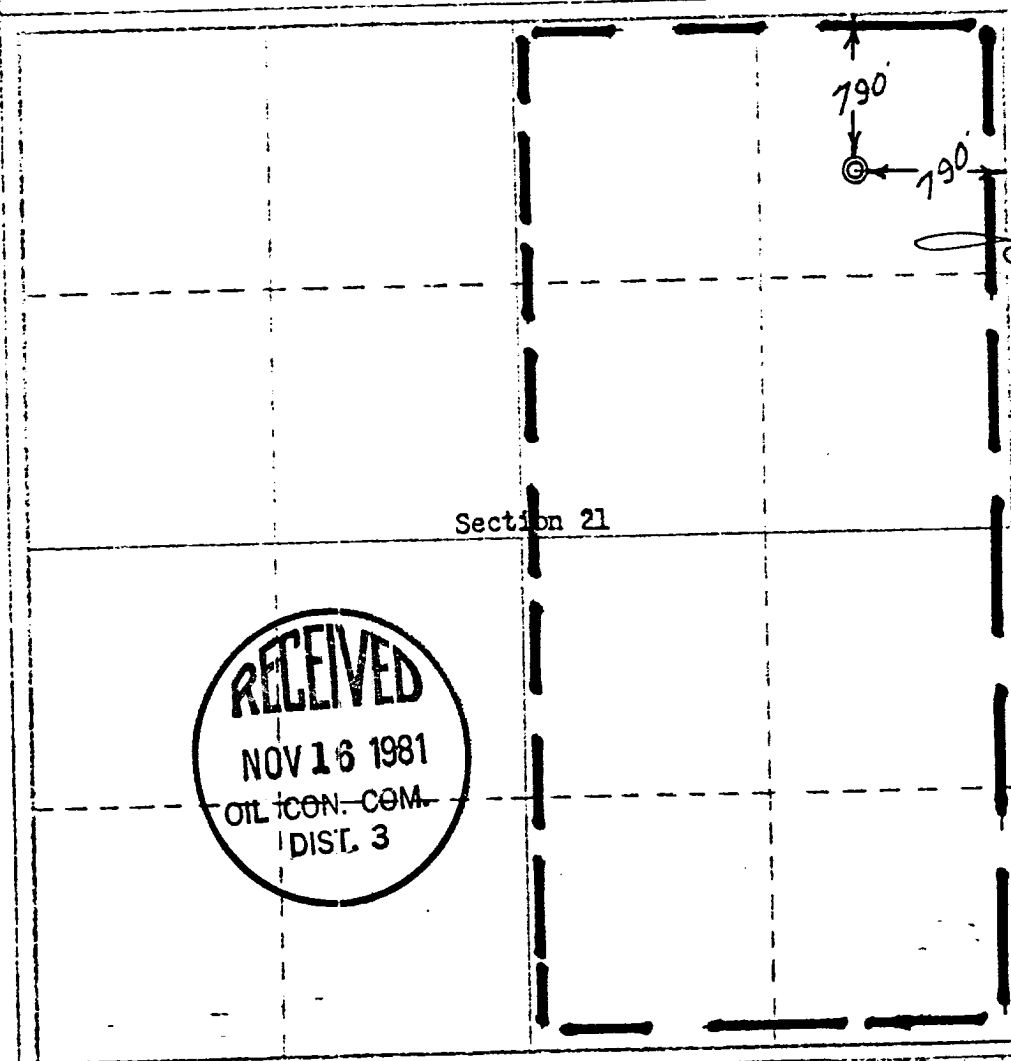
Operator M.R. Schalk		Lessee Danburg GCB		Well No. 1B
Unit Letter A	Section 21	Township 30 North	Range 12 West	County San Juan
Actual Footage Location of Well				
790	feet from the North	line and	790	feet from the East line
Ground Level Elev. 5655	Producing Formation Dakota	Pool Basin	Dedicated Acreage 320 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 allowance will be assigned to the well until all interests have been consolidated (or communitization, unitization, force-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 correct to the best of my knowledge and belief.

Steve Schalk
Steve Schalk

Position
Agent

Signature
M. R. Schalk

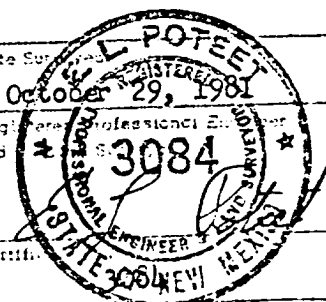
Date
Nov. 12, 1981

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
October 29, 1981

Registered Professional Engineer
and
3084

Certified



0 500 1000 1500 2000 2540

