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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.  
E-8279

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  
M.R. SCHALK

3. Address of Operator  
P O BOX 25825 ALBUQUERQUE NM 87125

4. Location of Well  
UNIT LETTER A LOCATED 970 FEET FROM THE NORTH LINE  
880 FEET FROM THE EAST LINE OF SEC. 16 TWP. 30N RGE. 13W NMPM

7. Unit Agreement Name

8. Farm or Lease Name  
STATE GAS COM BI

9. Well No.  
1E

10. Field and Pool, or Wildcat  
BASIN DAKOTA

12. County  
SAN JUAN

19. Proposed Depth  
6215'

19A. Formation  
DAKOTA

20. Rotary or C.T.  
ROTARY

1. Elevations (show whether DF, RT, etc.)  
5562' GL

21A. Kind & Status Plug. Bond  
STATE WIDE

21B. Drilling Contractor  
ARAPAHOE DRILLING CO.

22. Approx. Date Work will start  
AS SOON AS PERMITTED

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 SURFACE
7 7/8"	5 1/2"	15.5#	6215'	1st Stg. 300	4000'
				2nd Stg. 575	300'

DV COLLAR TO BE RUN BELOW MESA VERDE 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 REVERS

EXPIRES 5-16-82

ABOVE SPACE DESCRIBE PROPOSED PROGRAM: IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCE ZONE. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

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

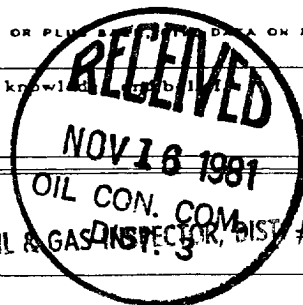
Signature: Steve Hall Title: AGENT Date: 11/12/81

(This space for State Use)

APPROVED BY: Jeff A. Edmister TITLE: DEPUTY OIL & GAS INSPECTOR, DIST #3 DATE: 11-18-81

CONDITIONS OF APPROVAL, IF ANY:

Hold C104 for operator change



11-18-81 NOV 18 1981

# 23 \*\* ADDITIONAL INFORMATION

ESTIMATED FORMATION TOPS

FRUITLAND	1165'
PICTURE CLIFFS	1425'
MESAVERDE	3021'
GALLUP	4990'
DAKOTA	5995'
TD	6215'

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

1165', 3021', 4990', 5995'

NEW MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACREAGE DEDICATION PLAT

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

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

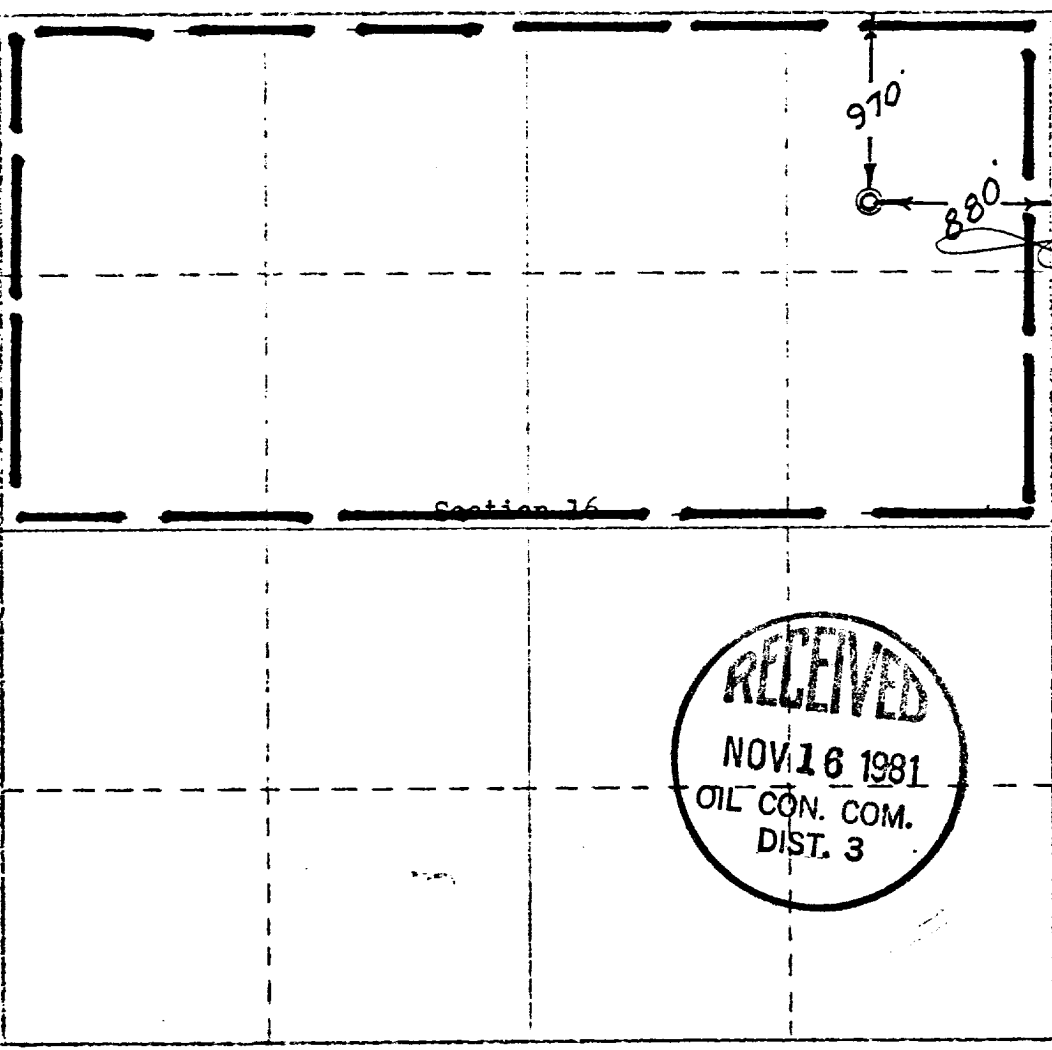
Operator <b>M. R. Schalk</b>		Lease <b>State Gas Com BI</b>		Well No. <b>1E</b>
Unit Letter <b>A</b>	Section <b>16</b>	Township <b>30 North</b>	Range <b>13 West</b>	County <b>San Juan</b>
Actual Footage Location of Well:				
<b>970</b>	feet from the	<b>North</b>	line and	<b>880</b>
			feet from the	<b>East</b>
Ground Level Elev. <b>5562</b>	Producing Formation <b>Dakota</b>	Pool <b>Basin</b>	Dedicated Acreage: <b>320</b> Acres	

- Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
- 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, 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 complete to the best of my knowledge and belief.

*Steve Schalk*

**Steve Schalk**  
Position  
**Agent**  
Company  
**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 28, 1981**  
Registered Professional Engineer and  
**3084**  
Certified  
**W. L. POTEET**  
STATE ENGINEER & LAND SURVEYOR  
NEW MEXICO