

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

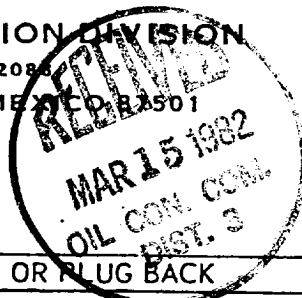
OIL CONSERVATION DIVISION

P. O. BOX 208
SANTA FE, NEW MEXICO 87501

30-045-25352

Form C-101
Revised 10-1-78

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DISTRIBUTION	
SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	



5A. Indicate Type of Lease
STATE ☒ FEE ☐
5. State Oil & Gas Lease No.
E-8443

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work
b. Type of Well DRILL ☒ DEEPEN ☐ PLUG BACK ☐
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 NEW MEXICO 87125
4. Location of Well UNIT LETTER E LOCATED 1690 FEET FROM THE NORTH LINE
AND 1150 FEET FROM THE WEST LINE OF SEC. 16 TWP. 31N RGE. 12W NMPM
10. Field and Pool, or Wildcat
BASIN DAKOTA
12. County
SAN JUAN
7. Unit Agreement Name
STATE GAS COM 'BA'
8. Farm or Lease Name
STATE GAS COM
9. Well No.
1E
19. Proposed Depth
7430'
19A. Formation
DAKOTA
20. Rotary or C.T.
ROTARY
21. Elevations (Show whether DF, RT, etc.)
6170' 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#	7430'	1st stage 300	4800'
				2nd stage 575	300'

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

PURPOSE TO DRILL THIS DEVELOPMENT WELL IN ORDER TO GAIN OPTIMUM GAS RECOVERY FROM BASIN DAKOTA FIELD. SAMPLES WILL BE TAKEN AT 20' INTERVALS FROM 5,000' 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 Sept. 15, 1982

IF 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 3/12/82
STEVE SCHALK
(This space for State Use)

APPROVED BY Sam Chang TITLE SUPERVISOR DISTRICT 3 DATE MAR 15 1982

CONDITIONS OF APPROVAL, IF ANY:

Gas is dedicated Hold C104 for operator change

23. ADDITIONAL INFORMATION

ESTIMATED FORMATION TOPS:

FRUITLAND	2230'
PICTURE CLIFFS	2645'
MESAVERDE	4165'
GALLUP	6285'
DAKOTA	7190'
TD	7430'

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

2230', 2645', 4165', 6285', 7190'

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form O-102
Superseries O-128
Effective 1-1-55

All distances must be from the outer boundaries of the Section

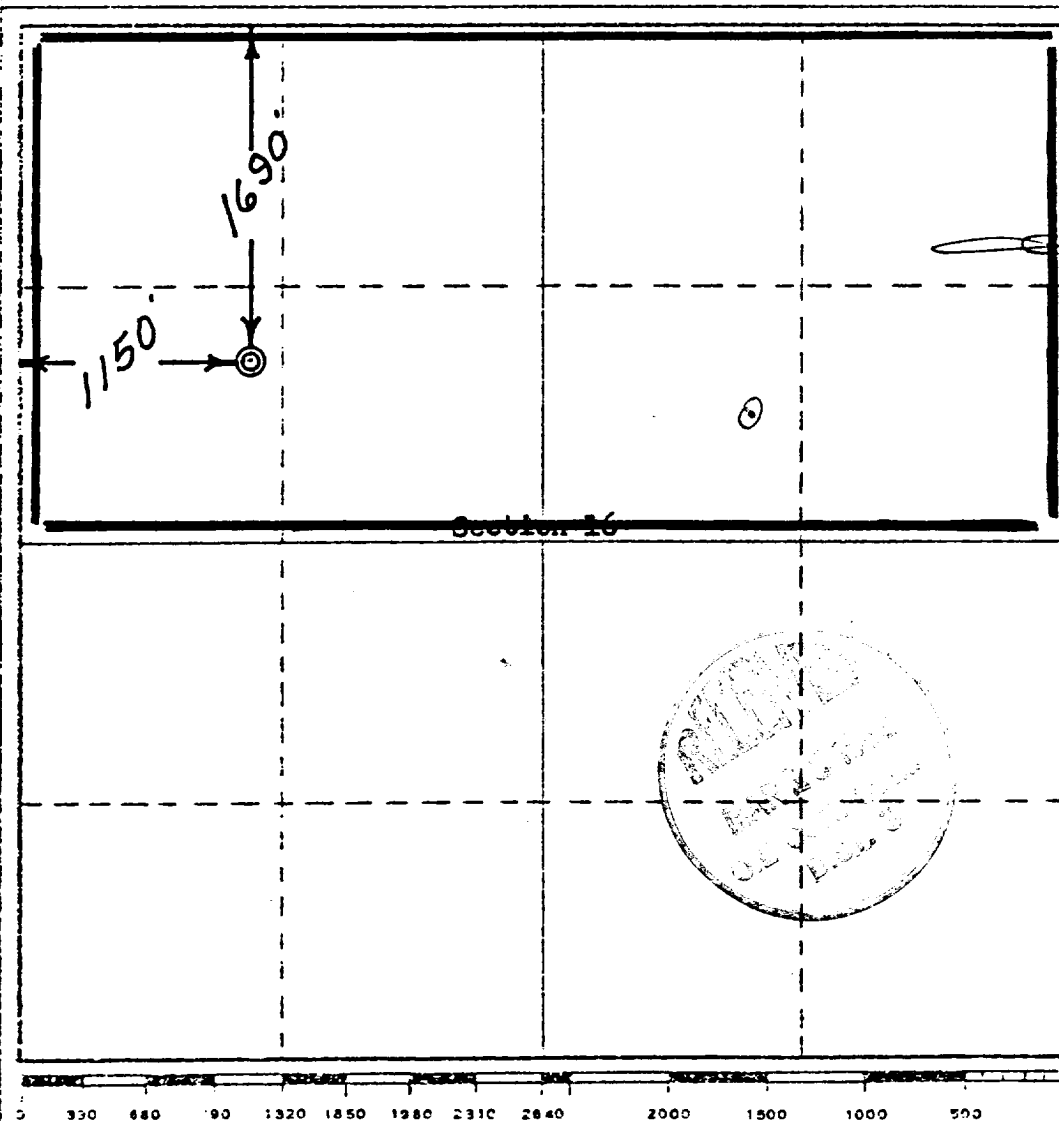
Operator M. R. Schalk			Lease State Gas Com BA		Well No. 1 E
Unit Letter E	Section 16	Township 31 North	Range 12 West	County San Juan	
Actual Footage Location of well: 1690 feet from the North line and 1150 feet from the West line.					
Ground Level Elev. 6170	Producing Formation Dakota		Pool Basin	Dedicated Acreage: N 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 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.

Name _____

Position _____

AGENT

Company _____

M. R. SCHALK

Date _____

3/12/82

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 _____

February 11, 1982

Registered Professional Engineer and Land Surveyor

Certificate No. _____

3084

