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STATE OF COLORADO
OIL AND GAS CONSERVATION COMMISSION
Department of Natural Resources

RECEIVED

JUL 7 1977

OIL AND GAS CONSERVATION COMMISSION

FOR PERMIT TO USE EARTHEN PIT

1. CHECK ONE: NEW PIT EXISTING PIT TREATMENT FACILITY OTHER

2. NAME OF OPERATOR
GETTY OIL COMPANY *700000* *Ignacio Blanco*

3. ADDRESS OF OPERATOR **1860 Lincoln Street Suite 1088 Denver, Colorado 80295** PHONE NO. **292-3660**

4. LEASE NAME **SAM BURCH, WELL No. 4** 5. PRODUCING FORMATION **Pictured Cliffs** *Gas* 6. GROUND ELEVATION **6674 GR.**

7. LOCATION (Report location clearly to the nearest 10 acres) **990' FNL, 1240 FEL Sec. 4 - 32N - 9W** 8. COUNTY **LaPlata** 9. STATE **Colorado**

10. SIZE OF PIT: LENGTH **20** FT. WIDTH **10** FT. DEPTH **2** FT.

11. CAPACITY **71** BBLs. 12. ESTIMATED INFLOW **4** BIS/DAY

13. DISPOSAL OF PIT CONTENT: HAULED _____ DISPOSAL WELL _____ EVAPORATION

14. MAXIMUM FLUID LEVEL ABOVE AVG. GROUND LEVEL **0** FT.

15. DRAINAGE DISTANCE IN FEET TO CLOSEST FRESH WATER POND, STREAM OR LAKE **4000** FT.

16. SUBSOIL TYPE **SILT, CLAY, SANDY CLAY**

17. TYPE OF SEALING MATERIAL (Including specifications and Method of Application)
none

18. ADDITIONAL INFORMATION (By attachment include detailed plan of operation, chemical analysis of produced water, necessary maps, logs and other information as may be required by Rules 325 and 326 of the Rules and Regulations of the Oil and Gas Conservation Commission.)

Retaining pit is free of surface accumulations of oil or other hydrocarbon substances.

00656444
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 JUN 27 1977
 DISTRICT
 MANAGER

19. I HEREBY CERTIFY THAT THE FOREGOING IS TRUE AND CORRECT

SIGNED *J. J. Hoeman* TITLE **District Production Manager** DATE **6-24-77**

THIS SPACE FOR COMMISSION USE

APPROVED BY *Al Rogert* TITLE **DIRECTOR O & G CONSERV. COMMISSION** DATE **OCT 7 1977**

CONDITIONS OF APPROVAL, IF ANY:
SEE ATTACHED MEMO

115982

Getty

Getty Oil Company | 1860 Lincoln Street, Denver, Colorado 80295 • Telephone: (303) 292-3660

Exploration and Production

May 4, 1977

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COLO. DIV. OF GAS CONS. COM. M.

U. S. Geological Survey
125 West 10th Street
Durango, Colorado 81303

Attention Mr. Jerry Long

Gentlemen:

Pursuant to the provisions of NTL-2B, we respectfully request pit lining waivers on Getty operated leases in your area of responsibility at the following locations in La Plata County, Colorado.

<u>Lease/Well</u>	<u>Location</u>	<u>Size of Pit</u>	<u>Quantity of Water (Bbls./Day)</u>
Sam Burch No. 4	A-4-32N-9W	20 X 10 X 2	4
Sam Burch No. 8	H-3-32N-9W	12 X 14 X 3	4.64
Sam Burch No. 9	D-4-32N-9W	22 X 16 X 5	4.7

The depth and areal extent of subsurface fresh water aquifers and the percolation rate for the soil at these locations is unknown, but will be sent to you as it becomes available to us.

The annual evaporation rate for this area is 50 inches, while the annual rainfall is 12 inches.

These wells are relatively new, and the water going to these pits is load water and is expected to decrease in quantity.

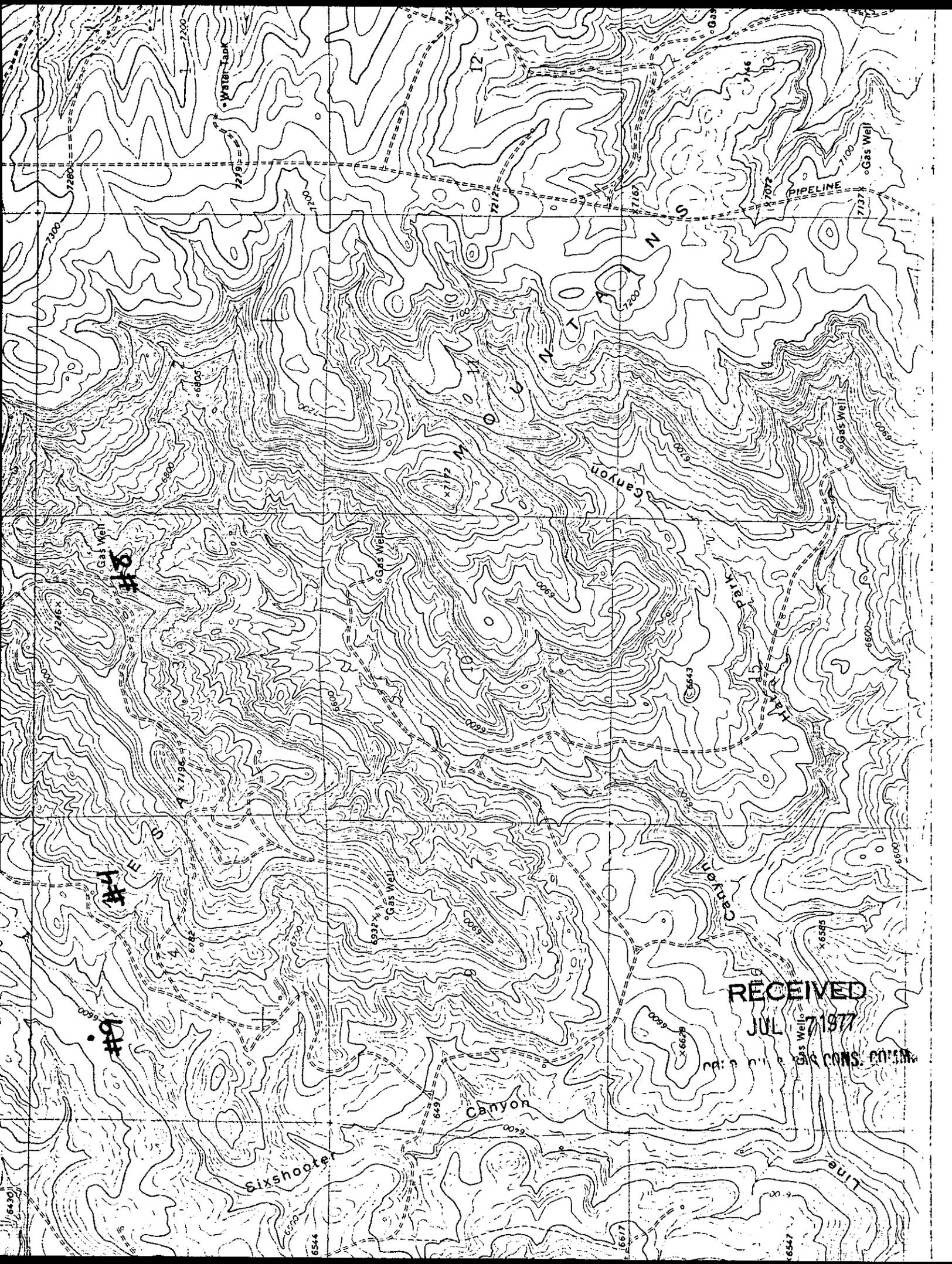
All the pits are being maintained in compliance with C, II of NTL-2B.

Yours very truly,

H. L. Biggers, Jr.
H. L. Biggers, Jr.



Open



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Gas Well
Gas CONS. COMM.

#18

#19

#20

Water Tank

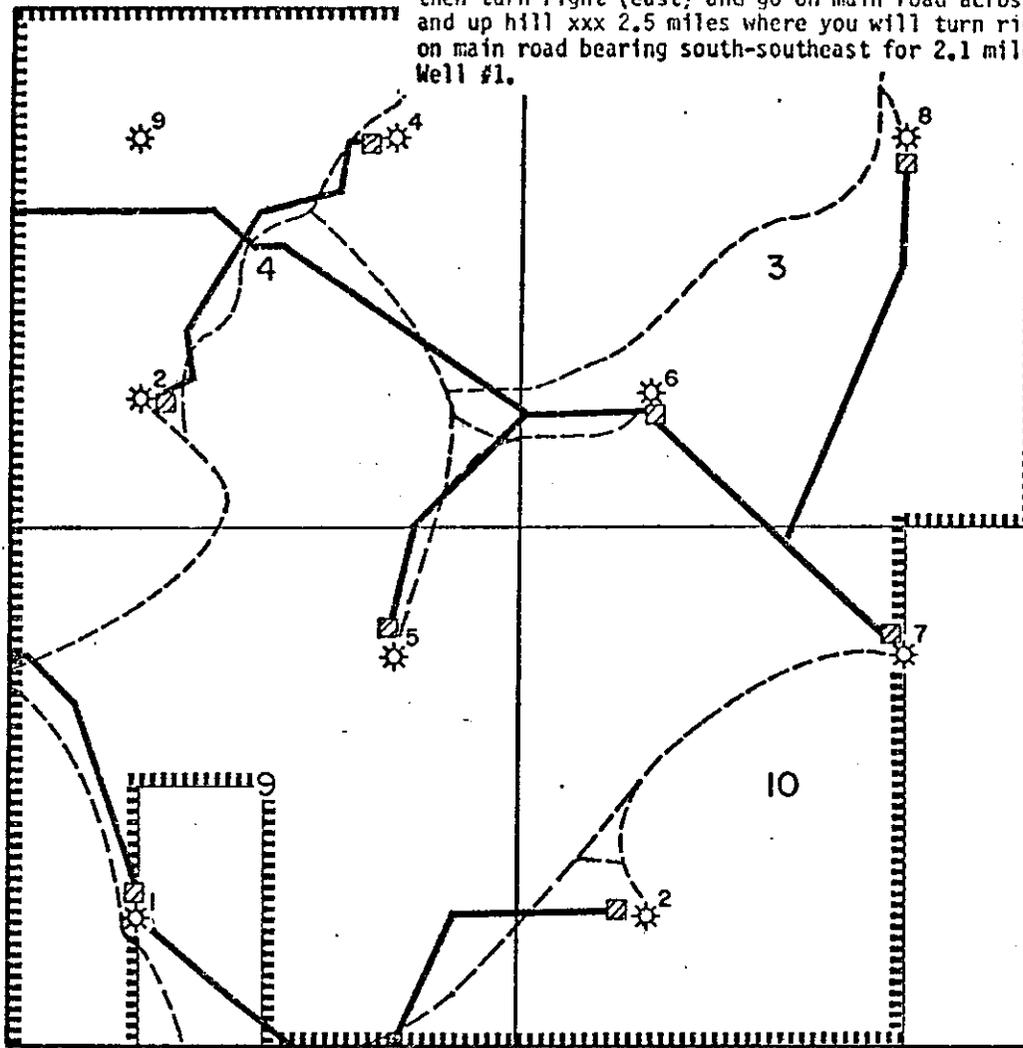
PIPELINE

Canyon

Sixshooter

Line

From Fannington, N.M., go thru Aztec, N.M. on highway # 550 north to N.M.-Colo. state line; continue on 4 more miles north then turn right (east) and go on main road across Florida river, and up hill xxx 2.5 miles where you will turn right, and continue on main road bearing south-southeast for 2.1 miles to Sam Burch Well #1.



T 32 N - R 9 W
La Plata Co., Colorado

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COLO. OIL & GAS CONS. COM. AM.

- GETTY LEASE
- ABANDONED WELL
- OIL WELL
- ☼ GAS WELL
- ⊗ DRY HOLE
- ⊕ SWD WELLS
- TSD TEMPORARY SHUT DOWN WELL
- △ INJECTION WELL
- WATER SUPPLY WELL
- FLOW LINES
- GAS LINES
- INJECTION LINES
- SWD LINES
- POWER LINES
- LEASE ROADS
- VALLEY OR DRAW
- TANK BATTERY
- INJECTION PLANT
- SALT WATER TANK OR CONCRETE PIT
- OPEN DIRT PIT
- BUILDINGS
- SEPARATORS
- TREATERS

Getty 100% W.I.

GETTY OIL COMPANY
DENVER DISTRICT

SAM BURCH LEASE NO. 51482
MESAVERDE FIELD
SAN JUAN BASIN

Scale: 1"=2000

June, 1977

MEMO

October 6, 1977

To: D. V. Rogers

From: C. G. McDowell

Subject: Evaluation of retaining pits.

On October 3, 1977, an evaluation was made of the retaining pits in the Ignacio-Blanco Field, La Plata County.

✓ Getty Oil - Sam Burch #8	SE NE	3-32N-9W
✓ Getty Oil - Sam Burch #4	NE NE	4-32N-9W
✓ Getty Oil - Sam Burch #9	NW NW	4-32N-9W

The wells produce gas from the Pictured Cliffs formation with a reported total dissolved solids (TDS) of 6,000 ppm. Each lease has one small pit with the average dimensions being 18'x13'x3'. Inflow to the pits amounts to 4.5 barrels of load and produced water per day. Water wells are sparse in the area, and the distance to the nearest creeks is about $\frac{1}{4}$ mile. The San Jose formation crops out on the surface consisting of alternating layers of sandstone, conglomerate and claystone; and is the main aquifer. The Nacimiento formation is present beneath the San Jose.

Recommend approval. The pits should be covered with wire or some material. All uncovered pits must be kept free of possible oil accumulation.

CGM/mlc