



DAVID M. MUNSON, INC.
1800 First National Bank Bldg.
DALLAS, TEXAS 75202

file #61510
RECEIVED
MAR 2 1981

COLO. OIL & GAS CONS. COMM.
Tel. (214) 742-2613

February 23, 1981

NTL 2B (amended)

Prior NTL 2B filed Oct. 22, 1980

Sagebrush Hill Unit
Gas Well #2-8 Re-entry

Sagebrush Hill ~~Field~~ Field

C NE NW 8-25-9910

Rio Blanco Cty

- Propose disposing of produced water in a lined pit with 30 mil CPE plastic, covered with 2-4" of dirt as shown on the attached sketches.

GAS

Attached is a topographic map showing the 2-8 Well location and the approximate location of the pit. Also attached is a plat showing the arrangement of the 2-8 pit on the previously restored location pad and it's relationship to the 2-8 Well and the production equipment on this location.

- The quantity of produced water should be 20 bbls/day produced along with natural gas and condensate from the Mancos Formation at approximately 8,400'. Produced water analysis Total Dissolved Solids 27,550 PPM, PH 7.3, Chlorides 16,510 PPM, Sulphates - PPM.
- The evaporation rate of net participation averages over 100" per year in this area (Source, Soil Conservation Office, Meeker, Colorado.)
- Because of the low concentration of chlorides and sulphates and the depth of the pit, it is not expected that participated solids will fill 1/3 of the pit height during the productive life of the pit and well. If they do accumulate to access it will be periodically removed to an approved disposal facility.
- Thirty mil. (.030 inch) chlorinated polyethylene (CPE) will be used as a liner for the pit as shown on the attached Exhibit B and covered with 2-4" of dirt.
- The bottom of the pit will be filled with 2-6" of gravel below the plastic liner; five 1" plastic pipes with 1/4" holes on the bottom will be laid in the gravel base and extend out the east side of the pit wall as shown on the attached sketch. The plastic pipes will slope down to the outer edge so that any leakage flow will become visable

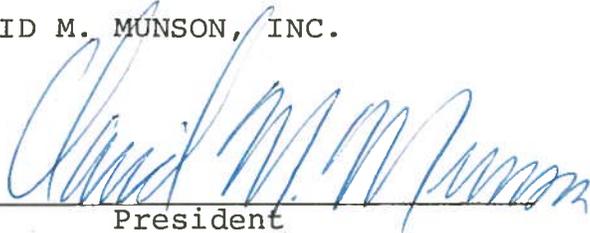
DMR	
FJP	
HHM	
JAM	✓
JJD	
RLS	
COM	

in a small catchment container (recessed 1/2 gallon plastic milk carton cut off) located at the end of each pipe. A leak developing over any pipe would necessitate uncovering the subject area and patching the leak.

When the pit area is prepared with plastic leak detection liner in place, and gravel laid the District Engineer's Office, U.S.G.S. will be contacted prior to installing the plastic liner to inspect the leak detection system if desired.

DAVID M. MUNSON, INC.

By


President

SEE ATTACHED MEMO



DIRECTOR
O & G Cons. Comm.

JAN 15 1982

COLORADO OIL AND GAS CONSERVATION COMMISSION
Room 721, State Centennial Building
1313 Sherman Street
Denver, Colorado 80203

MEMO

TO: D. V. Rogers
FROM: R. C. Campbell
SUBJECT: Evaluation of Retaining Pits

On August 10, 1981 an evaluation was made of the retaining pits in the Sagebrush Hills Field, Rio Blanco County.

1. David M. Munson, Inc.
Munson #25-1-100
SE NW 25-1S-100W
2. David M. Munson, Inc.
Munson #2-8
NE NW 8-2S-99W

These wells produce gas from the Mancos 'B' formation with the water analysis having a TDS of 26,100 PPM and 27,550 PPM. There is one retaining pit for each location with dimensions of 200'x75'x7' with inflows of 50 barrels and 20 barrels respectively of produced water per day. The pits will be lined with 30 MIL CPE plastic covered with 3"-4" of dirt. There are few water wells in the area and the nearest stream is $\frac{1}{2}$ mile away.

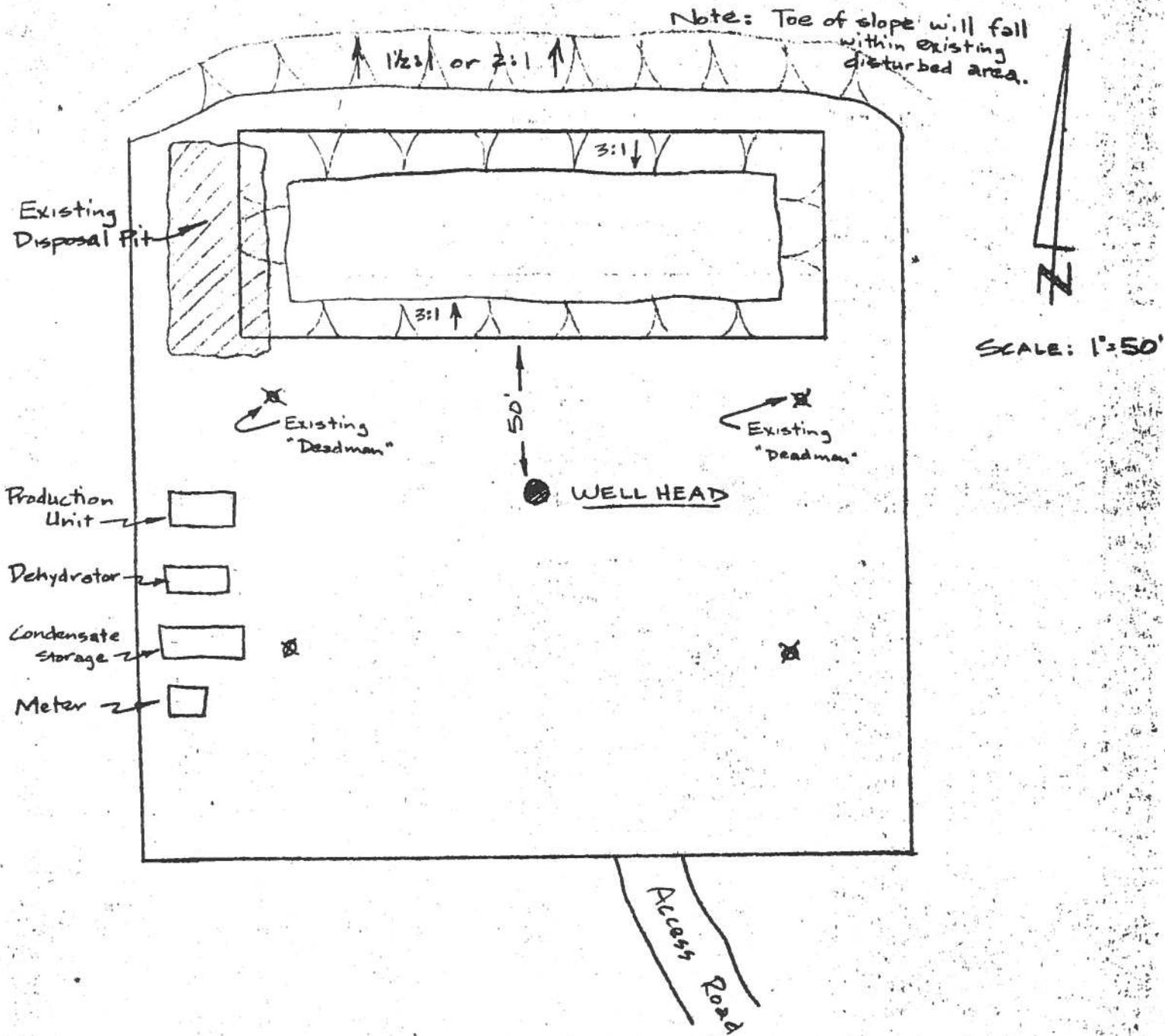
The Parachute Creek member of the Green River formation outcrops here, underlain by the Wasatch formation.

Any uncovered pits should be kept free of oil accumulation.

SEE DAVID MUNSON LETTERS DATED 2-23-81

MUNSON 25-1-100

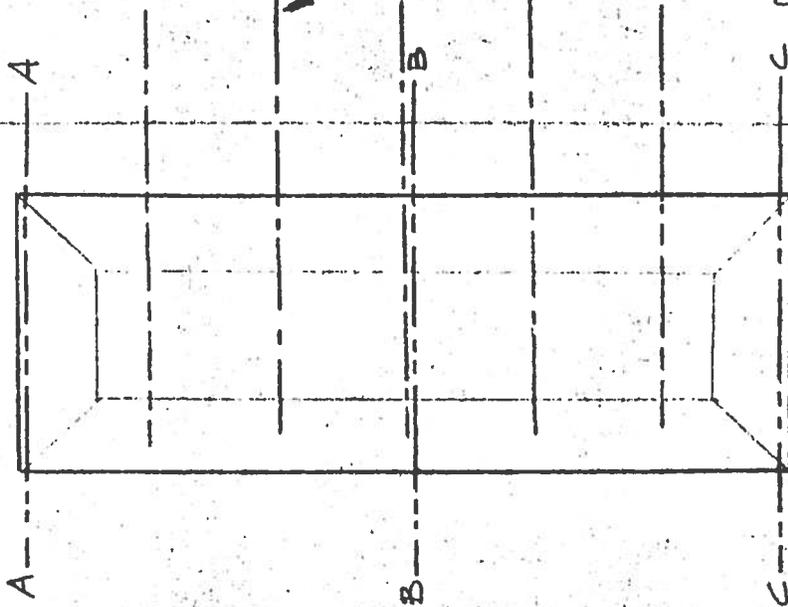
Box 1154, Meeker, Colo. 81641



MUNSON 25-1-100

Box 1154, Meeker, Colo. 81041

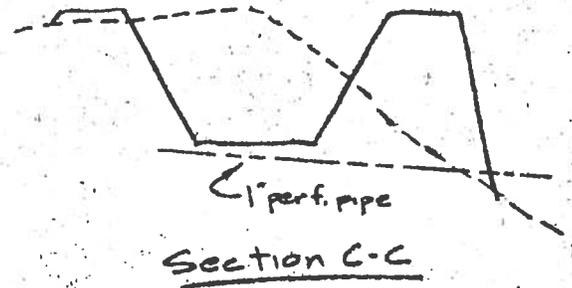
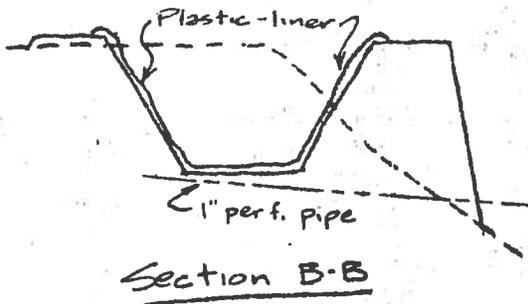
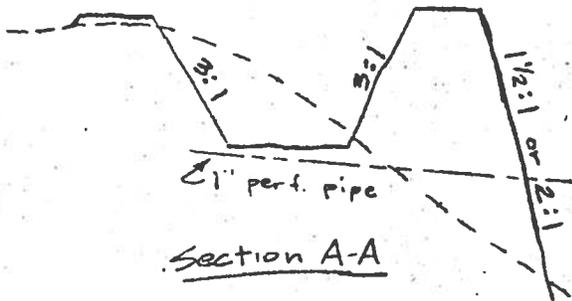
1" perforated pipe laid in washed gravel below plastic liner. Provide catch-basin at end of pipe (Typical)

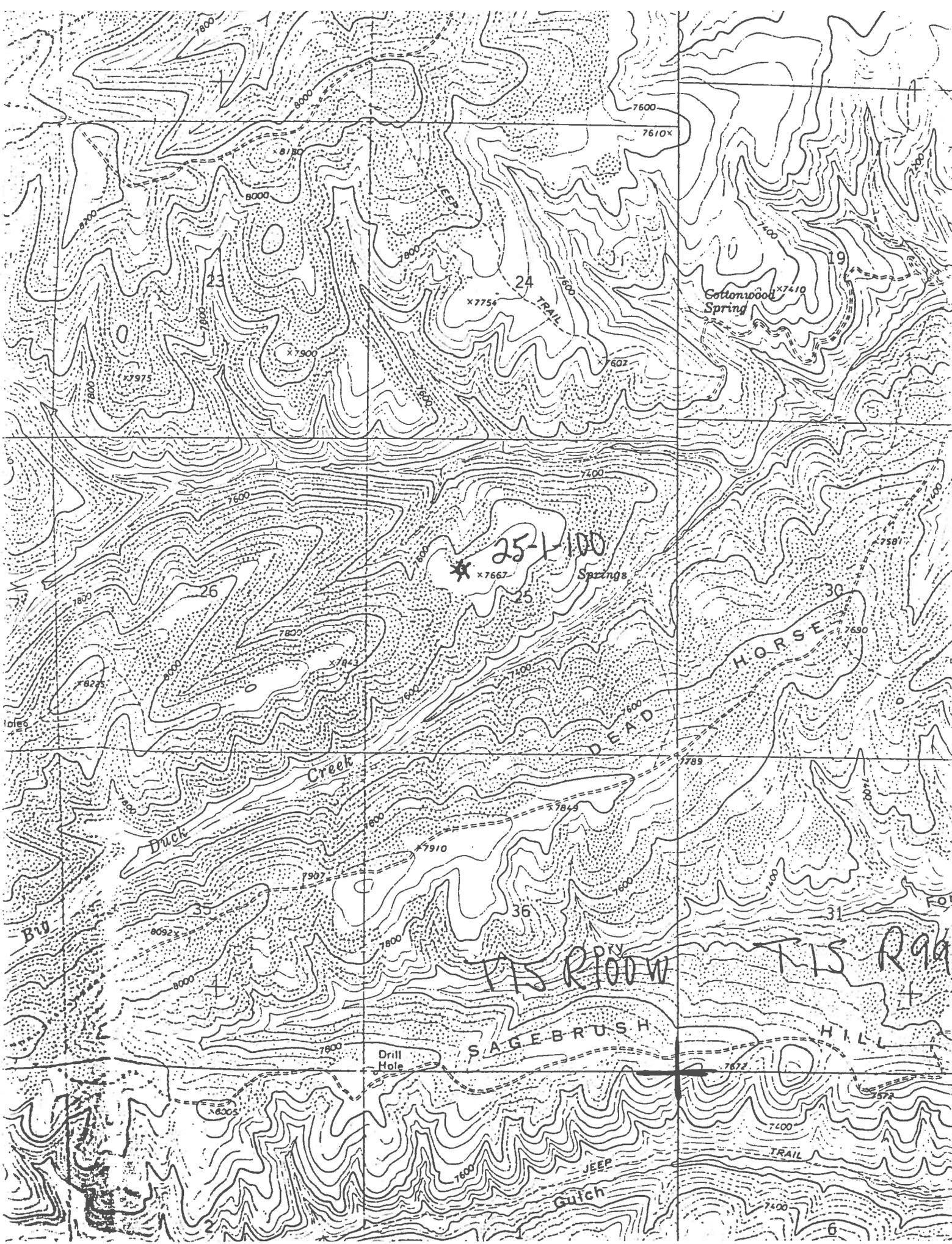


Scale 1"=50'

Cross-Sections

Scales: Horizontal - 1"=50'
Vertical - 1"=10'





25-1-100
* x7667
Springs

TIS R100 W

SAGEBRUSH HILL

Cottonwood Spring

Duck Creek

Gulch

TRAIL

Drill Hole

toles

Big

FOI

6

7600

7610x

23

24

19

26

25

30

35

36

31

7800

8000

7800

7600

7400

7600

7400

7800

7800

7600

7400

7825

7845

7600

7600

7800

7907

7910

7845

7789

8092

8000

7800

7672

8005

7600

7400

7400