

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



00241395

RECEIVED

APPLICATION FOR PERMIT TO USE EARTHEN PIT

NOV 10 1971

1. CHECK ONE: NEW PIT EXISTING PIT TREATMENT FACILITY **OTHER** OIL & GAS CONS. COMM.

2. NAME OF OPERATOR **A. T. Skaer**

3. ADDRESS OF OPERATOR **620 Patterson Building Denver, Colo. 80202** PHONE NO. **534-0121**

4. LEASE NAME **Minnie Armstrong** 5. PRODUCING FORMATION **"J" Sand** 6. GROUND ELEVATION **4149'**

7. LOCATION (Report location clearly to the nearest 10 acres) **Pit - NW - SE - NE - 34-9N-53W** *Divide (SWNE?)* 8. COUNTY **Logan** 9. STATE **Colo**

10. SIZE OF PIT: LENGTH **75** FT. WIDTH **60** FT. DEPTH **9** FT.

11. CAPACITY **7500 Bbl** BBLs. 12. ESTIMATED INFLOW **1-1/2** BIS/DAY

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

14. MAXIMUM FLUID LEVEL ABOVE AVG. GROUND LEVEL **Water does not cover bottom of pit**

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

16. SUBSOIL TYPE **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.)
Well makes very small amount of water -- does not cover bottom of pit.
Attachments: (1) Aerial photo showing area - roads - tank battery site, well site & pits.
(2) Plat of acreage
(3) Chemical analysis of water from treater.

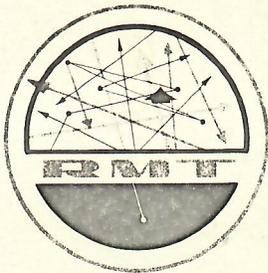
DVR	
FJP	
HMM	✓
JAM	✓
LID	

19. I HEREBY CERTIFY THAT THE FOREGOING IS TRUE AND CORRECT
SIGNED *A. T. Skaer* TITLE Operator DATE 11/1/71

THIS SPACE FOR COMMISSION USE

APPROVED BY *W. Rogers* TITLE DIRECTOR DATE JAN 12 1973
OIL & GAS CONS. COMM.

CONDITIONS OF APPROVAL, IF ANY:
Provided that no oil or ~~XX~~ other hydrocarbon substance is allowed to accumulate on the surface of the water in the retaining pit and subject to a field inspection.



ROCKY MOUNTAIN TECHNOLOGY, INC.

490 Orchard Street, Golden, Colorado 80401 • 303-279-4527

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WATER ANALYSIS REPORT COLO. OIL & GAS CONS. COMM.

Operator: A.T. Skaer

Date: October 28, 1971

Sample: #1 Minnie Armstrong Logan Cty.

Results are reported in parts per million
(ppm) except as indicated.

Analysis For

Calcium	6.8
Magnesium	13.4
Chloride	2475
Carbonate	288
Bicarbonate	1344
Sulfate	159
Sodium	2800
pH	8.4
Resistivity (ohms)	1.07×10^2
Total Dissolved Solids	6836

Rocky Mountain Technology, Inc.

Gary C. Stebbins

Gary C. Stebbins

Project Manager

MEMORANDUM

TO: D.V. Rogers

FROM: C. G. McDowell

On September 27, 1972, I drove to the Divide Field, Logan County.

Skaer-M. Armstrong lease, SE NE 34-9N-53W. One pit 75' S 60' X 9', clean, water. TDS 6,836 per test "J" Sand. Few water wells in the area. Nearest creek approximately one mile south. White River on surface. Top of Pierre Shale approximately 50'. No alluvium. Suggest small covered skim pit. No problem at this time.

6/25/74 - Visited, GCH.

No skim pit

Pit 1 - ~60x80, unlined, uncovered, all water with algae, no oil. Level low, about 5' below G.L.

10/3/74 - GCH - No skim pit

Pit 1 - as above, nearly empty, muddy water in bottom. Dead oil stain from water leg of heater-treater.

K17-3 2

LOGAN

Map Not To Scale



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COIN. OIL & GAS CONS. COMM.

4-158
A
169.8

4-112
A
154.5

Tractor - Jaws

RT

#1
well

B
85.8

C
67.7

B
40.4

D
60.0

Stirling Irrigation
Inlet Ditch

