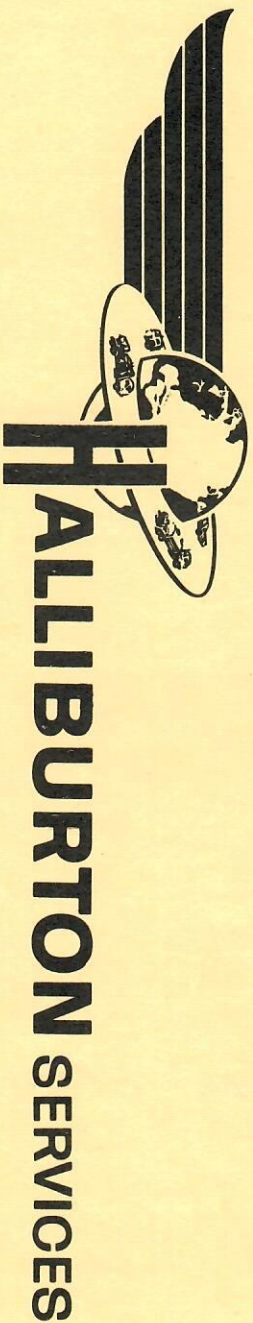


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A **Halliburton** Company

# **WELL SERVICE REPORT**





A Division of Halliburton Company  
DUNCAN, OKLAHOMA 73533

## Fracometer Log

TICKET NO. 737409

Company Webb Resources Date 6-9-75

Lease Nigrelle Well No. 5-1 State Colo.

County Adams Formation J

Type Job Super-Emulsifrac

Fracturing Fluid: Type Oil Volume: 38,300 Gals

Propping Agent: Size 100 Mesh Quantity: 14,000 Lbs.

Propping Agent: Size 20/40 Quantity: 18,000 Lbs.

Halliburton Operator: R. Cady

Instrument No. \_\_\_\_\_

REMARKS: 5000 PSI - 100 BPM - 3/16 in Min.



# HALLIBURTON SERVICES JOB LOG

TICKET NO. 487409

CUSTOMER WEBB RESOURCES PAGE NO. 1

JOB TYPE SAND OIL FRAC DATE 6-9-75

FORM 2012

| CHART NO. | TIME | RATE (BPM) | VOLUME (BBL) (GAL) | PUMPS |   | PRESSURE (PSI) |        | DESCRIPTION OF OPERATION AND MATERIALS |
|-----------|------|------------|--------------------|-------|---|----------------|--------|--|
|           |      |            |                    | T     | C | TUBING         | CASING |  |
|           | 0900 |            |                    |       |   |                |        | Time Frac Crew Called Out              |
|           | 1030 |            |                    |       |   |                |        | Time Frac Crew On Location             |
|           | 1200 |            |                    |       |   |                |        | Time Requested Ready                   |
|           | 1200 |            |                    |       |   |                |        | Time Halliburton Ready                 |
|           | 1155 |            |                    |       |   |                |        | Safety Meeting                         |
| 1         | 1206 | 16         | 4200               |       | 4 |                |        | Start Pre Pad                          |
| 2         | 1218 | 19         | 3800               |       | 4 |                |        | Start 100 Mesh @ 1/2#                  |
|           | 1222 | 4          |                    |       | 2 |                | 4400   | Breakdown                              |
| 3         | 1224 | 23         | 8400               |       | 4 |                | 3650   | Start 100 Mesh @ 1/2# & 20/40 @ 1/2#   |
| 4         | 1228 | 23         |                    |       | 4 |                | 3500   | 1/2# 100 Mesh Hit                      |
| 5         | 1232 | 23         |                    |       | 4 |                | 3400   | 1/2# 100 Mesh & 1/2# 20/40 Hit         |
| 6         | 1232 | 23         | 8400               |       | 4 |                | 3400   | Start 100 Mesh @ 1/2# & 20/40 @ 3/4#   |
| 7         | 1240 | 23         | 10,300             |       | 4 |                | 3350   | Start 100 Mesh @ 5/8# & 20/40 @ 1#     |
| 8         | 1244 | 23         |                    |       | 4 |                | 3300   | 1/2# 100 Mesh & 3/4# 20/40 Hit         |
| 9         | 1246 | 23         |                    |       | 4 |                | 3400   | 5/8# 100 Mesh & 1# 20/40 Hit           |
| 10        | 1248 | 23         |                    |       | 4 |                | 3600   | End Treatment                          |
| 11        | 1258 | 23         | 7800               |       | 4 |                | 2600   | Flush                                  |
|           |      |            |                    |       |   |                | 2600   | Isip                                   |
|           |      |            |                    |       |   |                | 2550   | 5 Min                                  |
|           |      |            |                    |       |   |                | 2500   | 15 Min                                 |
|           |      |            |                    |       |   |                | 2450   | 30 Min                                 |

CUSTOMER



## JOB SUMMARY

FORM 2025

HALLIBURTON DIVISION DENVER, COLORADO Z

HALLIBURTON LOCATION BRIGHTON, COLORADO

RECEIVED

NOV 6 1975

BILLED ON  
TICKET NO.

787409

SUN. COMM.

## WELL DATA

|                     |            |          |      |         |      |      |    |        |       |       |          |
|---------------------|------------|----------|------|---------|------|------|----|--------|-------|-------|----------|
| FIELD               | Bear Gulch | SEC.     | 5    | TWP.    | 3S   | RNG. | 64 | COUNTY | Adams | STATE | Colorado |
| FORMATION NAME      | J          | TYPE     | Sand |         |      |      |    |        |       |       |          |
| FORMATION THICKNESS | 32'        | FROM     | 8092 | TO      | 8120 |      |    |        |       |       |          |
| INITIAL PROD: OIL   | BPD.WATER  | BPD.GAS  | MCFD |         |      |      |    |        |       |       |          |
| PRESENT PROD: OIL   | BPD.WATER  | BPD.GAS  | MCFD |         |      |      |    |        |       |       |          |
| COMPLETION DATE     | New        | MUD TYPE |      | MUD WT. |      |      |    |        |       |       |          |
| PACKER TYPE         |            | SET AT   |      |         |      |      |    |        |       |       |          |
| BOTTOM HOLE TEMP.   |            | PRESSURE |      |         |      |      |    |        |       |       |          |
| MISC. DATA          |            |          |      |         |      |      |    |        |       |       |          |

|              |          |       |      |      |              |                       |
|--------------|----------|-------|------|------|--------------|-----------------------|
|              | NEW USED | SIZE  | FROM | TO   | WEIGHT       | MAXIMUM PSI ALLOWABLE |
| CASING       | N        | 5 1/2 | 8138 | 0    | 15.5         | 4500                  |
| LINER        |          |       |      |      |              |                       |
| TUBING       |          |       |      |      |              |                       |
| OPEN HOLE    |          |       |      |      | TOTAL DEPTH: |                       |
| PERFORATIONS |          |       | 8092 | 8098 | 2            | SHOTS/FT.             |
| PERFORATIONS |          |       | 8114 | 8120 | 2            | SHOTS/FT.             |
| PERFORATIONS |          |       |      |      |              | SHOTS/FT.             |

## JOB DATA

|               |      |      |
|---------------|------|------|
| TYPE AND SIZE | QTY. | MAKE |
| FLOAT COLLAR  |      |      |
| FLOAT SHOE    |      |      |
| GUIDE SHOE    |      |      |
| CENTRALIZERS  |      |      |
| BOTTOM PLUG   |      |      |
| TOP PLUG      |      |      |
| HEAD          |      |      |
| PACKER        |      |      |
| OTHER         |      |      |

|             |             |             |               |
|-------------|-------------|-------------|---------------|
| CALLLED OUT | ON LOCATION | JOB STARTED | JOB COMPLETED |
| DATE 6-9-75 | DATE 6-9-75 | DATE 6-9-75 | DATE 6-9-75   |
| TIME 0900   | TIME 1030   | TIME 1200   | TIME 1258     |

## PERSONNEL AND SERVICE UNITS

| NAME     | EMPL. NO. | UNIT NO. & TYPE | LOCATION |
|----------|-----------|-----------------|----------|
| Cady     |           |                 |          |
| Herrera  |           | 9748 Prop       | Brighton |
| Keith    |           | 9327-3692 HT    | "        |
| Howard   |           | 9325-3695 HT    | "        |
| Grooms   |           | 8762 Iron       | "        |
| Peterson |           | 9323 Acid       | "        |
| Swink    |           |                 | "        |
| Absher   |           | 9168 Sand       | "        |
| Kallsen  |           | 7936 Sand       | "        |

DEPARTMENT Cement

DESCRIPTION OF JOB Sand - Oil Frac

JOB DONE THRU: TUBING ☐ CASING ☒ ANNULUS ☐ TBG./ANN. ☐

CUSTOMER REPRESENTATIVE X

HALLIBURTON OPERATOR R. Cady

COPIES REQUESTED

## CEMENT DATA

| STAGE | NUMBER OF SACKS | TYPE | API CLASS | BRAND | BULK SACKED | ADDITIVES | YIELD CU.FT./SK. | MIXED LBS./GAL. |
|-------|-----------------|------|-----------|-------|-------------|-----------|------------------|-----------------|
|       |                 |      |           |       |             |           |                  |                 |
|       |                 |      |           |       |             |           |                  |                 |
|       |                 |      |           |       |             |           |                  |                 |
|       |                 |      |           |       |             |           |                  |                 |
|       |                 |      |           |       |             |           |                  |                 |
|       |                 |      |           |       |             |           |                  |                 |
|       |                 |      |           |       |             |           |                  |                 |
|       |                 |      |           |       |             |           |                  |                 |
|       |                 |      |           |       |             |           |                  |                 |

## SUMMARY

## PRESSURES IN PSI

|                 |              |                          |
|-----------------|--------------|--------------------------|
| CIRCULATING     | DISPLACEMENT | 3500                     |
| BREAKDOWN       | 4400         | MAXIMUM 4400             |
| AVERAGE         | 3400         | FRACURE GRADIENT         |
| SHUT-IN INSTANT | 2600         | 5-MIN. 2550 15-MIN. 2450 |
| ORDERED         | 1917         | AVAILABLE 1917 USED 1917 |
| TREATING        | 23           | DISPL. 23 OVERALL 23     |
| FEET            | REASON       |                          |

## VOLUMES

|                          |                  |
|--------------------------|------------------|
| PREFLUSH: BBL. GAL.      | TYPE             |
| LOAD & BKDN: BBL. GAL.   | PAD: BBL. GAL.   |
| TREATMENT: BBL. GAL.     | DISPL: BBL. GAL. |
| CEMENT SLURRY: BBL. GAL. |                  |
| TOTAL VOLUME: BBL. GAL.  |                  |

REMARKS

912 BBLs Oil Used

CUSTOMER

WELL RESOURCES

LEASE NIGRELL

WELL NO.

5-1

JOB TYPE SAND - OIL FRAC

DATE

6-9-75

14