

**LEASE**

**IT NO**

25837

**CUSTOMER**

walters & walters

**PAGE NO**

**FORM 2013 R-2**

**JOB TYPE**

COMMENT 4 1/2 LONG SPRING

**DATE**

4-17-82

[illegible]

## CUSTOMER

049944 \* GPC METHOD FOR ISOPHENOL

$$-\frac{1}{2} \frac{d}{dt} \left( \frac{1}{\rho} \right) + \frac{1}{2} \frac{d}{dt} \left( \frac{1}{\rho} \right) = 0$$

215

... ..



— 22 —

10. **Answer: D** — The patient has a low-grade fever, tachypnea, tachycardia, and hypotension. The chest exam is normal. The patient is in the early stages of sepsis. The patient has a low-grade fever, tachypnea, tachycardia, and hypotension. The chest exam is normal. The patient is in the early stages of sepsis.

1000

# HALLIBURTON SERVICES JOB SUMMARY

FORM 2012 R-2

HALLIBURTON DIVISION MIDLAND

HALLIBURTON LOCATION ROSWELL

BILLED ON 254375  
TICKET NO.

## WELL DATA

FIELD \_\_\_\_\_ SEC. 18 TWP. 5N RNG. 11E COUNTY TOLAND STATE N.M.

FORMATION NAME \_\_\_\_\_ TYPE \_\_\_\_\_  
FORMATION THICKNESS \_\_\_\_\_ FROM \_\_\_\_\_ TO \_\_\_\_\_  
INITIAL PROD: OIL \_\_\_\_\_ BPD. WATER \_\_\_\_\_ BPD. GAS \_\_\_\_\_ MCFD  
PRESENT PROD: OIL \_\_\_\_\_ BPD. WATER \_\_\_\_\_ BPD. GAS \_\_\_\_\_ MCFD  
COMPLETION DATE \_\_\_\_\_ MUD TYPE \_\_\_\_\_ MUD WT. \_\_\_\_\_  
PACKER TYPE \_\_\_\_\_ SET AT \_\_\_\_\_  
BOTTOM HOLE TEMP. \_\_\_\_\_ PRESSURE \_\_\_\_\_  
MISC. DATA \_\_\_\_\_ TOTAL DEPTH 1500

|              | NEW USED | WEIGHT     | FROM         | TO       | MAXIMUM PSI ALLOWABLE |
|--------------|----------|------------|--------------|----------|-----------------------|
| CASING       | <u>N</u> | <u>9.5</u> | <u>4 1/2</u> | <u>0</u> | <u>1500</u>           |
| LINER        |          |            |              |          |                       |
| TUBING       |          |            |              |          |                       |
| OPEN HOLE    |          |            | <u>6</u>     | <u>0</u> | <u>1500</u> SHOTS/FT. |
| PERFORATIONS |          |            |              |          |                       |
| PERFORATIONS |          |            |              |          |                       |
| PERFORATIONS |          |            |              |          |                       |

## JOB DATA

| CALLLED OUT         | ON LOCATION         | JOB STARTED | JOB COMPLETED |
|---------------------|---------------------|-------------|---------------|
| DATE <u>4-17-82</u> | DATE <u>4-17-82</u> | DATE        | DATE          |
| TIME <u>1200</u>    | TIME <u>1630</u>    | TIME        | TIME          |

## PERSONNEL AND SERVICE UNITS

| NAME            | UNIT NO. & TYPE | LOCATION       |
|-----------------|-----------------|----------------|
| <u>D. OAKS</u>  | <u>PICK UP</u>  | <u>ROSWELL</u> |
| <u>G. GOINS</u> | <u>AT 1100</u>  | <u>ROSWELL</u> |
| <u>J. Gohed</u> | <u>2487</u>     | <u>ROSWELL</u> |
|                 | <u>5572</u>     | <u>ROSWELL</u> |
|                 | <u>BULK</u>     | <u>ROSWELL</u> |

## MATERIALS

TREAT. FLUID \_\_\_\_\_ DENSITY \_\_\_\_\_ LB/GAL. API  
DISPL. FLUID \_\_\_\_\_ DENSITY \_\_\_\_\_ LB/GAL. API  
PROP. TYPE \_\_\_\_\_ SIZE \_\_\_\_\_ LB.  
PROP. TYPE \_\_\_\_\_ SIZE \_\_\_\_\_ LB.  
ACID TYPE \_\_\_\_\_ GAL. %  
ACID TYPE \_\_\_\_\_ GAL. %  
ACID TYPE \_\_\_\_\_ GAL. %  
SURFACTANT TYPE \_\_\_\_\_ GAL. IN  
NE AGENT TYPE \_\_\_\_\_ GAL. IN  
FLUID LOSS ADD. TYPE \_\_\_\_\_ GAL.-LB. IN  
GELLING AGENT TYPE \_\_\_\_\_ GAL.-LB. IN  
FRIC. RED. AGENT TYPE \_\_\_\_\_ GAL.-LB. IN  
BREAKER TYPE \_\_\_\_\_ GAL.-LB. IN  
BLOCKING AGENT TYPE \_\_\_\_\_ GAL.-LB.  
PERFPAC BALLS TYPE \_\_\_\_\_ QTY.  
OTHER \_\_\_\_\_  
OTHER \_\_\_\_\_

DEPARTMENT CMT  
DESCRIPTION OF JOB CMT 4 1/2 LONG STRING  
JOB DONE THRU: TUBING ☐ CASING ☒ ANNULUS ☐ TBG./ANN. ☐

CUSTOMER REPRESENTATIVE X C. Whiting  
HALLIBURTON OPERATOR Doug D. Deo  
COPIES REQUESTED 2

## CEMENT DATA

| STAGE    | NUMBER OF SACKS | TYPE     | API CLASS | BRAND | BULK SACKED | ADDITIVES                 | YIELD CU.FT./SK. | MIXED LBS./GAL. |
|----------|-----------------|----------|-----------|-------|-------------|---------------------------|------------------|-----------------|
| <u>1</u> | <u>175</u>      | <u>H</u> |           |       | <u>B</u>    | <u>3# SALT 310% CFR-2</u> | <u>1.08</u>      | <u>16.6</u>     |
|          |                 |          |           |       |             |                           |                  |                 |
|          |                 |          |           |       |             |                           |                  |                 |
|          |                 |          |           |       |             |                           |                  |                 |
|          |                 |          |           |       |             |                           |                  |                 |
|          |                 |          |           |       |             |                           |                  |                 |
|          |                 |          |           |       |             |                           |                  |                 |
|          |                 |          |           |       |             |                           |                  |                 |

## PRESSURES IN PSI

CIRCULATING \_\_\_\_\_ DISPLACEMENT \_\_\_\_\_  
BREAKDOWN \_\_\_\_\_ MAXIMUM \_\_\_\_\_  
AVERAGE \_\_\_\_\_ FRACTURE GRADIENT \_\_\_\_\_  
SHUT-IN: INSTANT \_\_\_\_\_ 5-MIN. \_\_\_\_\_ 15-MIN. \_\_\_\_\_

## HYDRAULIC HORSEPOWER

ORDERED \_\_\_\_\_ AVAILABLE \_\_\_\_\_ USED \_\_\_\_\_

## AVERAGE RATES IN BPM

TREATING \_\_\_\_\_ DISPL. \_\_\_\_\_ OVERALL \_\_\_\_\_

## CEMENT LEFT IN PIPE

FEET 0 REASON \_\_\_\_\_

## SUMMARY

PRESLUSH: 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

See Job Log

CUSTOMER

CUSTOMER NAME HALLIBURTON WELL NO. 4-17-82 JOB TYPE 4 1/2 LONG STRING

