

CLASSIC - GOLF COURSE TO ADAPTATION

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

Figure 1 is a line graph showing the percentage of total protein in the supernatant fraction of the Golgi apparatus for various proteins. The x-axis represents the percentage of total protein in the supernatant fraction, ranging from 0 to 100. The y-axis represents the percentage of total protein in the supernatant fraction, ranging from 0 to 100. The graph shows that the majority of proteins are in the supernatant fraction, with some exceptions like p115 and p110 which are in the pellet fraction.

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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 400</u>	<u>ROSWELL</u>
<u>J. Gehel</u>	<u>2487</u>	<u>ROSWELL</u>
	<u>557</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 DATE 4-17-82

