



CUSTOMER

A. T. SKAER

LEASE

BUEZ KOWSKY

WELL NO.

DATE

10-20-19

FIELD **SLEEPER** SEC. **33** TWP. **12N** RNG. **56W** COUNTY **Weld** STATE **Colo.**
MATERIALS USED
TYPE JOB **Vis-O-Fall**
TREAT. FLUID **OIL** DENSITY **LB/GAL.°API**
DISP. FLUID **OIL** DENSITY **LB/GAL.°API**
PROP. TYPE **SAND** SIZE **10/20** LB. **5000**
PROP. TYPE **Urea** SIZE **6/8** LB. **500**
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 **VI** **GAL.-LB.** **220** **IN**
FRIC. RED. AGENT TYPE **GAL.-LB.** **IN**
BREAKER TYPE **VH** **GAL.-LB.** **160** **IN**
BLOCKING AGENT TYPE **GAL.-LB.**
PERFPAC BALLS TYPE **NO.**
OTHER MATERIALS

PERSONNEL AND EQUIPMENT
NAME EMPL. NO. UNIT NO. & TYPE LOCATION
D. Gueck **VT-12**
J. Pass **2163** **Kimball**
B. Lollar **582**
B. Lange **5697** **"**
C. Smith **Proportion** **"**
G. Carmichael **6035**
R. Adman **IRON**
A. Bendles **8762** **"**
SAND **MAT.**
5610 **"**
6466 **"**

HYDRAULIC HORSEPOWER
AVAILABLE **1466** USED **1466**
AVERAGE RATES IN BPM
TREATING **34** DISPL. **22** OVERALL **23**
PRESSURES IN PSI
BREAKDOWN **2400** MAXIMUM **3600**
AVERAGE **2600** DISPLACEMENT **3000**
SHUT-IN: INSTANT **2000** 5-MIN. **300** 15-MIN. **0**
FRACTURE GRADIENT
VOLUMES
LOAD & BKDN: BBL.-GAL. **2450** PAD: BBL.-GAL.
TREATMENT: BBL.-GAL. **9000** DISPL: BBL.-GAL. **7560**
TOTAL BBL.-GAL. **24,000**

WELL DATA
FORMATION **D** DATE COMPLETED **NEW**
INIT. PROD: OIL **BPD**; WATER **BPD**; GAS **MCF**
PRES. PROD: OIL **BPD**; WATER **BPD**; GAS **MCF**
CASING: SIZE **5 1/2** WEIGHT **14/15.5** DEPTH **6327**
LINER: SIZE **FROM** **TO**
OPEN HOLE: SIZE **FROM** **TO**
PERF: **6192-6196**
SHOTS/FT. **4** TOTAL NO. **13**
CUSTOMER REPRESENTATIVE X **Don Gueck**
HALLIBURTON OPERATOR **Don Gueck** COPIES REQUESTED

CHART NO.	TIME	OPERATION AND/OR AMOUNT AND TYPE FLUID PUMPED	RATE BPM	PUMPS		PRESSURE - PSI		REMARKS
				T	C	TUBING	CASING	
	1130	TEST Line 5000 psi. Load & Break down			4			7450 gal.
	1153	START SAND 1/2"/gal	24	4		2200		0 gal
	1158	" mix Urea	25	4		2400		6000
		Sand To Form.						6340
	1201	FINISH MIX	24	4		2500		9120
		START FLUSH						0
	1205	Urea To Form	22	4		2800		3340
	1208	FINISH FLUSH	21	4		3000		6340
	1209	FINISH OVERFLUSH.	21	4		3000		7560