

CUSTOMER

PAGE NO. 1

FORM 1910

FORM 1510										
FIELD					SEC.	TWP.	RNG.	COUNTY	STATE	
Gallup Wildcat					22	23	7	McKinley	N.M.	
MATERIALS USED					CALLED OUT		ON LOCATION		JOB STARTED	JOB COMPLETED
Sandoil					10-22 DATE		DATE		DATE	DATE
TYPE JOB					on location		TIME		2021 TIME	2043 TIME

TYPE JOB Sandoil

TREAT. FLUID Lease crude DENSITY _____ LB/GAL. °API _____

DISP. FLUID " " DENSITY _____ LB/GAL. °API _____

PROP. TYPE Sand SIZE 20-40 LB. 15,000

PROP. TYPE _____ SIZE _____ LB. _____

ACID TYPE Reg GAL. 500 % 15

ACID TYPE Reg GAL. 1000 % 28

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 _____ NO. _____

OTHER MATERIALS _____

HYDRAULIC HORSEPOWER

AVAILABLE _____ USED **2333**

AVERAGE RATES IN BPM

TREATING _____ DISPL. _____ OVERALL **28**

PRESSURES IN PSI

BREAKDOWN **1300** MAXIMUM **3600**

AVERAGE **3400** DISPLACEMENT **3600**

SHUT-IN: INSTANT **1400** 5-MIN. **1200** 15-MIN. _____

FRACTURE GRADIENT _____

VOLUMES

LOAD & BKDN: BBL.-GAL. 960 + 1000 gal acid PAD: BBL.-GAL. _____

TREATMENT: BBL.-GAL. 17,580 DISPL: BBL.-GAL. 4200

TOTAL BBL.-GAL. 22,740

[illegible]

WELL DATA

FORMATION Gallup DATE COMPLETED new

INIT. PROD: OIL _____ BPD; WATER _____ BPD; GAS _____ MCF

PRES. PROD: OIL _____ BPD; WATER _____ BPD; GAS _____ MCF

CASING: SIZE 4 1/2 WEIGHT 10.5 DEPTH 5600

LINER: SIZE _____ FROM _____ TO _____

OPEN HOLE: SIZE _____ FROM _____ TO _____

PERF: 5383-96

SHOTS/FT. _____ TOTAL NO. _____

CUSTOMER
REPRESENTATIVE X /s/ Flint

HALLIBURTON
OPERATOR Pulte COPIES
REQUESTED

[illegible]

ECO, Inc.

LEASE

11B11

WELL NO. 22

DATE 10-22-70

CUSTOMER