

JAN 2 1990

BENCH MARK GEOLOGICAL SERVICES

HYDROCARBON OIL CON. D¹
WELL LOG DIST. 12

- ABBREVIATIONS**
- CO -- Circulate Out
 - CG -- Connection Gas
 - CB -- Core Bit
 - DC -- Depth Correction
 - DS -- Directional Survey
 - DST -- Drill Stem Test
 - DTG -- Down Time Gas
 - FC -- Filter Cake
 - LAT -- Logged After Trip
 - NB -- New Bit
 - NDR -- No Data Recorded
 - NR -- No Returns
 - PP -- Pump Pressure
 - RPM -- Rotary Speed
 - SPM -- Pump Strokes
 - TG -- Trip Gas
 - TGR -- Trip Gas Recycle
 - Vis -- Viscosity
 - WL -- Water Loss
 - WOB -- Weight on Bit
 - WT -- Density Of Drill Fluid

- LITHOLOGY MODIFIERS**
- /// -- Anhydritic
 - B -- Bentonitic
 - ⊥ -- Calcareous
 - -- Carbonaceous Coaly
 - ⊥ -- Dolomitic
 - F -- Fossiliferous
 - ∇ -- Glauconitic
 - ◇ -- Oolitic
 - P -- Pyritic
 - △ -- Siliceous

OPERATOR Blackwood and Nichols

WELL NE Blanco Unit 428 FIELD _____

LOCATION sec 24 T31N R7W CO/STATE San Juan Co., New Mexico

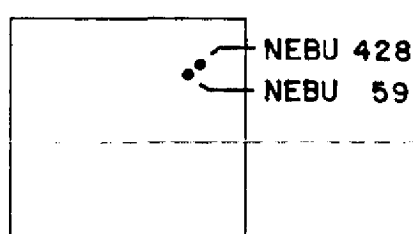
ELEVATION KB 6457' GL 6443' ungraded SPUD DATE _____

INTERVAL LOGGED 3065' - 3384' DATE LOGGED 1/5/90 - 1/7/90

LOGGING GEOLOGISTS Randy Laney, Mike Mixer, Dan Wyckoff

INSTRUMENTATION FID chromatograph and total gas detector, Infrared CO₂ detector

WELL LOCATION



LEGEND - GAS CURVES

TOTAL GAS	T
METHANE	1
ETHANE	2
PROPANE	3
ISO & N-BUTANE	4
OIL INDICATOR $\frac{C_2 + C_3}{C_1}$	0

HYDROCARBON ANALYSIS

TOTAL GAS			Reported in Units	
10	100	1000	10	100
GAS CHROMATOGRAPHY			Reported in PPM	
100	1000	10000	100	1000
OIL INDICATOR			Dimension Less	
0.01	0.1	1.0	0.01	0.1

