

Patrick Petroleum Company

1600 Colorado National Bank Bldg. ELZA M. SANDERS

950 Seventeenth Street

Denver, Colorado 80202

LOG ANALYSIS REPORT

by

Well Name STP No. 1-16

County San Juan

Date July 20, 1979

State New Mexico Elev 5790' RL

SUPPLEMENTAL REPORT

Operator Patrick-Excel-Lexicon

Location NE NW Sec. 16-27N-12W

DEPTH INTERVAL	POROSITY ESTIMATE %	FORMATION WTR SATURATION ESTIMATE %	REMARKS
1321-1334' (13')	15.0-22.5%	43-50%	Sand, probably gas productive.
518-22' (4')	10.0%	45%	As above.
525-31' (7')	9.5-11.5%	48-58%	As above.
534-39' (5')	10.0%	48%	As above.
539-45' (6')	11.0%	50%	As above.
566-72' (6')	7.5-11.0%	50-56%	Shly. sand, show oil and/or gas. May be too shly. to produce.
583-90' (7')	12.0-13.5%	49-51%	As above.

ILLEGIBLE

Attempt two DST 5900-5935', and hole fill up.

GEOLOGY

Pictured Cliffs Sand 1321'.

Rw = 0.12 $\pm$ 87°(m)

Dakota Sand 5918'.

Rw = 0.037 $\pm$ 148°(m)

ANALYSIS

This analysis is to replace the analysis report dated July 12, 1979. The Density log field print was in error and a corrected log has been made from the log tape. The Pictured Cliffs Sand 1321-1334' (Net 13') is interpreted to be oil and/or gas productive. The Dakota Sand 5918-22', 5925-31', 5934-39' and 5939-45' (Net 21') is interpreted to be oil and/or gas productive. The Dakota Sand 5966-72' and 5983-90' is indicated to have a show of oil and/or gas; however, these sands are indicated to be very shly and will probably produce a very small amount of oil and/or gas.

Using reported porosity.

Using C values converted to R.

BY

Elza M. Sanders.