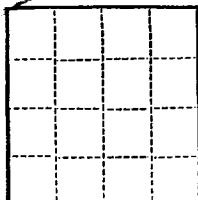


Form 9-331a
(Feb. 1951)Budget Bureau 42-R488.2
Approval expires 12-31-52.

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Santa Fe
Lease No. 07502
Unit Vanderwart

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL <input checked="" type="checkbox"/>	SUBSEQUENT REPORT OF WATER SHUT-OFF
NOTICE OF INTENTION TO CHANGE PLANS	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING
NOTICE OF INTENTION TO TEST WATER SHUT-OFF	SUBSEQUENT REPORT OF ALTERING CASING
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR
NOTICE OF INTENTION TO SHOOT OR ACIDIZE	SUBSEQUENT REPORT OF ABANDONMENT
NOTICE OF INTENTION TO PULL OR ALTER CASING	SUPPLEMENTARY WELL HISTORY
NOTICE OF INTENTION TO ABANDON WELL	

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

March 24, 1953Well No. 5-A is located 1630 ft. from N line and 390 ft. from E line of sec. 14

EE Section 14 (1/4 Sec. and Sec. No.) 29N (Twp.) 04W (Range) N. M. P. M. (Meridian)

Blanco (Field) San Juan (County or Subdivision) New Mexico (State or Territory)

The elevation of the derrick floor above sea level is 6732 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

It is intended to drill a well with rotary tools through the Mesa Verde, drilling the pay with gas circulation, and to shoot the entire Mesa Verde with 2 quarts S.N.G. per foot. Total Depth 5820'.

Casing Program:

9-5/8" at 160' with 125 sacks regular cement circulated to surface.
7" at 5024' with 300 sacks regular cement.

The E $\frac{1}{2}$ of Section 14 is dedicated to this well.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company EL PASO NATURAL GAS COMPANYAddress P. O. Box 997Farmington, New MexicoBy [Signature]Title Petroleum Engineer

The first part of the report is devoted to a description of the experimental conditions and the results of the measurements. The second part is devoted to a discussion of the results and a comparison with the theoretical predictions.

3. EXPERIMENTAL CONDITIONS AND RESULTS

The measurements were performed in a vacuum chamber of 10 cm diameter. The target was a thin foil of the material under investigation. The incident beam was a monoenergetic electron beam of 10 keV. The scattered electrons were detected by a silicon detector. The energy of the scattered electrons was measured by a multichannel analyzer. The results of the measurements are shown in Figure 1.

4. DISCUSSION OF RESULTS

The results of the measurements are compared with the theoretical predictions. The theoretical predictions are based on the Born approximation. The results show that the Born approximation is in good agreement with the experimental results.

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NEW MEXICO
OIL CONSERVATION COMMISSION

Gas Well Plat

Date March 12, 1954

El Paso Natural Gas Company Vanderwort 5-A
Operator Lease Well No.

Name of Producing Formation Mesa Verde Pool Blanco

No. Acres Dedicated to the Well 320

Indicate land status and show ownership. Federal

SECTION 14 TOWNSHIP 29N RANGE 8W

		SF 078502	

I hereby certify that the information given above is true and complete to the best of my knowledge.

Name ORIGINAL SIGNED E. N. WALSH
Position Petroleum Engineer
Representing El Paso Natural Gas Co.
Address Farmington, New Mexico

(over)

OIL CONSERVATION COMMISSION		
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