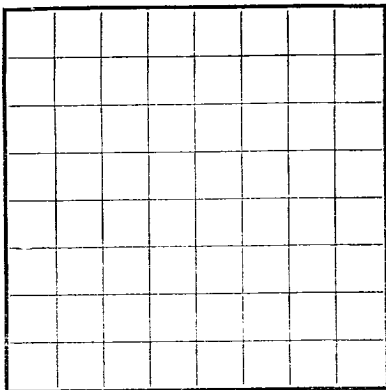
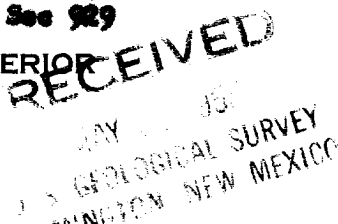




LOCATE WELL CORRECTLY



U. S. LAND OFFICE **Santa Fe**
SERIAL NUMBER **979060**
LEASE OR PERMIT TO PROSPECT
M E Blanco Unit Agreem. No. 1
UNITED STATES **Sec 929**
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY



LOG OF OIL OR GAS WELL

Company **Blackwood & Nichols Company** Address **P. O. Box 1237, Durango, Colorado**
Tract **13** Field **Blanco Mesaverde State New Mexico**
Well No. **19-20** Sec. **20** T. **30N** R. **7W** Meridian **NMP** County **Rio Arriba**
Location **830** ft. **SE** of **N** Line and **1550** ft. **EW** of **E** Line of **Sec 20** Elevation **6401**
(Derrick floor relative to sea level)

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.
Signed **De Lasso Lora De Lasso Lora**

Date **May 10, 1955** Title **Field Superintendent**

The summary on this page is for the condition of the well at above date.

Commenced drilling **4-7-55**, 19 Finished drilling **4-29-55**, 19

OIL OR GAS SANDS OR ZONES
(Denote gas by G)

No. 1, from **3050** to **3290 (G)** No. 4, from **5500** to **5630 (G)**
No. 2, from **3290** to **3500 (G)** No. 5, from to
No. 3, from **5120** to **5120 (G)** No. 6, from to

IMPORTANT WATER SANDS

No. 1, from **None** to No. 3, from to
No. 2, from to No. 4, from to

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
10-3/4	32.75	8rd	Natl	160'	Guide				Surface
7-5/8	26.00	8rd	Steel	300'	Float				Intermediate
5-1/2	15.50	8rd	C F & I	5120'	Float				Production
2-3/8	4.7	8rd	NUE	C F & I 5590'					Tubing

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10-3/4	175'	165	Pump & Plug	- -	Circulated
7-5/8	3453'	175	- -	- -	Top of cement at 2615'
5-1/2	5120'	150	- -	- -	2895'

PLUGS AND ADAPTERS

Heaving plug—Material Length Depth set
Adapters—Material Size

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
Well completed by Sandfrac method.						

TOOLS USED

Rotary tools were used from **0** feet to **5657** feet, and from feet to feet
Cable tools were used from feet to feet, and from feet to feet

DATES

Comp: 4-29, 19**55** Put to producing **Not Connected**, 19

The production for the first 24 hours was barrels of fluid of which % was oil; % emulsion; % water; and % sediment. Gravity, °Bé.

If gas well, cu. ft. per 24 hours **3001 MCF** Gallons gasoline per 1,000 cu. ft. of gas **- -**

Rock pressure, lbs. per sq. in. **1086 PSI**

EMPLOYEES

, Driller , Driller
, Driller , Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0'	930'	930	Tertiary
930'	2380'	1450	Animas
2380'	2460'	80	Ojo Alamo SS
2460'	3050'	590	Kirtland
3050'	3290'	240	Fruitland
3290'	3500'	210	Pictured Cliffs SS
3500'	5120'	1620	Lewis Shale
5120'	5170'	50	Cliffhouse SS
5170'	5500'	330	Mansfee
5500'	5630'	130	Point Lookout SS
5630'	- -	- -	Mancos Shale
	5657-TD		

FOLD MARK

