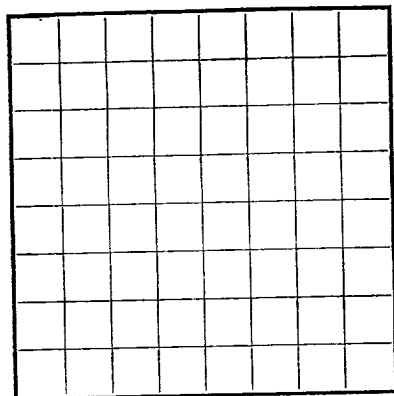


Form 9-330



LOCATE WELL CORRECTLY

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 079060

LEASE OR PERMIT TO PROSPECT
N E Blanco Unit Agreement No. 1.
UNITED STATES

DEPARTMENT OF THE INTERIOR SEP 3 1957
GEOLOGICAL SURVEY U. S. GEOLOGICAL SURVEY
FARMINGTON, NEW MEXICO

LOG OF OIL OR GAS WELL

Company Blackwood & Nichols Company Address P. O. Box 1237, Durango, Colorado
~~Block~~ or Tract 13 Field Blanco Mesaverde State New Mexico

Well No. 35-19 Sec. 19 T30N R. 7W Meridian NMPM County Rio Arriba
Location 1500 ft. N. of 5 Line and 1800 ft. W. of E Line of Section 19 Elevation 6392
(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.
Original Signed
by DeLasso Loos Signed DeLasso Loos

Date August 29, 1957 Title Field Superintendent

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

Commenced drilling June 14, 1957 Finished drilling July 25, 1957

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3020' to 3284' (G) No. 4, from 5160' to 5550' (G)
No. 2, from 3284' to 3510' (G) No. 5, from 5550' to 5680' (G)
No. 3, from 5100' to 5160' (G) No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from _____ to _____ No. 3, from _____
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	Perforations		Purpose
							From—	To—	
10-3/4	32.75	8rd	CP&I	247'	Tex. Pat.	---	---	---	Surface
7-5/8	26.40	8rd	CP&I	1550'	---	---	---	---	Intermediate
5-1/2	18.50	8rd	CP&I	5680'	---	---	---	---	Production
2-3/8	4.7	8rd	CP&I	5680'	---	---	---	---	tubing
HYDRAULIC FLUID OR GEL USED									

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10-3/4	260'	300	Pump & plug	Water	Cement circulated
7-5/8	3518'	225	" "	"	"
5-1/2	5687'	150	" "	"	Top cement at 3880'

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
Sand-water fraced the Mesaverde Group thru casing perforations.						

TOOLS USED

Rotary tools were used from 0' feet to 5687' feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

_____, 19____ 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 21,487 MCF (AOF) Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. 1049 Rate of flow thru 3/4" choke after 3 hours was 5397 MCFPD

EMPLOYEES

_____, Driller _____, Driller
_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0'	920'	920	San Jose
920'	2150'	1230	Animas
2150'	2330'	180	Ojo Alamo SS
2330'	3020'	690	Kirtland
3020'	3284'	264	Fruitland SS
3284'	3510'	226	Pictured Cliffs SS
3510'	5100'	1590	Lewis Shale
5100'	5160'	60	Massive Cliffhouse SS
5160'	5550'	390	Manefee Shale
5550'	5680'	130	Point Lookout SS
5680'	—	—	Mancos Shale

[illegible]

LOG OF OIL OR GAS WELL

GEOLOGICAL SURVEY

DEPARTMENT OF THE INTERIOR

UNITED STATES

PLEASE OR PERMIT TO INSPECT

SECRET NUMBER

U.S. LAND OFFICE

4-5281-24 07. Dec 1964 1964
06-18-21 12-31-64

4-5281-24 07. Dec 1964 1964
06-18-21 12-31-64

[illegible]

OIL OR GAS SANDS OR ZONES

IMPORTANT WATER SANDS

CASING RECORD

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the reasons for the work and its results. If there were any changes made in the casing, state girth, and if any cement was "struck back" or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or balling.

RECORDING AND INDEXING RECORD

PLUGS AND ADAPTERS

SHOOTING RECORD

TOOTS USED

23740

STENOGRAPH

FORMATION RECORD

[illegible]

May 1960