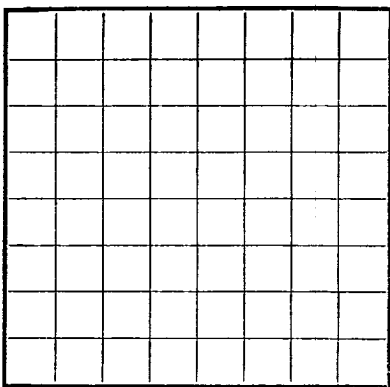




LOCATE WELL CORRECTLY

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 079042
LEASE OR PERMIT TO PROSPECT
Northeast Blanco Unit
AGREEMENT NO. 1 SEC. 929

LOG OF OIL OR GAS WELL

Company Blackwood & Nichols Company Address P. O. Box 1237, Durango, Colorado
Tract 9 Field Blanco Mesaverde State New Mexico
Well No. 45-5 Sec. 5 T. 30N R. 7W Meridian NMPN County San Juan
Location 870 ft. XXX of N Line and 1250 ft. XXX of E Line of Section 5 Elevation 6358
(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 Laan Loos DELAASO LOOSDate May 17, 1956 Title Field Superintendent

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

Commenced drilling April 11, 19 56 Finished drilling May 4, 19 56~~CRUCIAL~~ GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3010' to 3230' No. 4, from 5200' to 5450'
No. 2, from 3230' to 3515' No. 5, from 5450' to 5640'
No. 3, from 5150' to 5200' No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from _____ 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	Nat'l	141'	Per. Pat.	- -	-	-	Surface
7-5/8"	26.40	8rd	Nat'l	240'	Per. Pat.	- -	-	-	Intermediate
5-1/2"	15.90	8rd	Nat'l	285'	Per. Pat.	- -	-	-	Production
2-3/8"	9.7	8rd	Nat'l	522'	Per. Pat.	- -	-	-	Production
HIS LOG IS A COPY OF THE ORIGINAL LOG OF THE WELL									

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10-3/4"	155'	200	Pump & Plug	Water	Cement circulated.
7-5/8"	3506'	225	" "	" "	" "
5-1/2"	5697'	175	" "	" "	" "

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 5700' 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 16,584 Gallons gasoline per 1,000 cu. ft. of gas _____Rock pressure, lbs. per sq. in. 1,113

EMPLOYEES

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0'	1020'	1020	San Jose
1020'	2070'	1050	Anima
2070'	2240'	170	Ojo Alamo SS
2240'	3010'	770	Xirtland
3010'	3230'	220	Fruitland SS
3230'	3515'	285	Pictured Cliffs SS
3515'	5150'	1635	Lewis Shale
5150'	5200'	50	Cliffhouse SS
5200'	5450'	250	Manefee Shale
5450'	5640'	190	Point Lookout SS
5640'	-		Mancos Shale

FROM—

TO—

TOTAL FEET

[OVER]

FORMATION

10-43094-4

FORMATION RECORD—Continued

LOG OF OIL OR GAS WELL

LOG THE WELL CORRECTLY

Address: 1234 Main Street, Anytown, U.S.A.
Location: 1234 Main Street, Anytown, U.S.A.
The information given herewith is a complete and correct record of the well and all work done thereon
Signature: [Signature]
Date: [Date]
Title: [Title]

Oil or Gas Sands or Zones

Important Water Sands

Casing Record

History of Oil or Gas Well

Mudding and Cementing Record

Plugs and Adapters

Shooting Record

Tools Used

Dates

Employees

Formation Record

FROM	TO	TOTAL FEET	FORMATION
0	100	100	Gravel
100	200	200	Sand
200	300	300	Clay
300	400	400	Shale
400	500	500	Sandstone
500	600	600	Gravel
600	700	700	Sand
700	800	800	Clay
800	900	900	Shale
900	1000	1000	Sandstone
1000	1100	1100	Gravel
1100	1200	1200	Sand
1200	1300	1300	Clay
1300	1400	1400	Shale
1400	1500	1500	Sandstone
1500	1600	1600	Gravel
1600	1700	1700	Sand
1700	1800	1800	Clay
1800	1900	1900	Shale
1900	2000	2000	Sandstone
2000	2100	2100	Gravel
2100	2200	2200	Sand
2200	2300	2300	Clay
2300	2400	2400	Shale
2400	2500	2500	Sandstone
2500	2600	2600	Gravel
2600	2700	2700	Sand
2700	2800	2800	Clay
2800	2900	2900	Shale
2900	3000	3000	Sandstone
3000	3100	3100	Gravel
3100	3200	3200	Sand
3200	3300	3300	Clay
3300	3400	3400	Shale
3400	3500	3500	Sandstone
3500	3600	3600	Gravel
3600	3700	3700	Sand
3700	3800	3800	Clay
3800	3900	3900	Shale
3900	4000	4000	Sandstone
4000	4100	4100	Gravel
4100	4200	4200	Sand
4200	4300	4300	Clay
4300	4400	4400	Shale
4400	4500	4500	Sandstone
4500	4600	4600	Gravel
4600	4700	4700	Sand
4700	4800	4800	Clay
4800	4900	4900	Shale
4900	5000	5000	Sandstone
5000	5100	5100	Gravel
5100	5200	5200	Sand
5200	5300	5300	Clay
5300	5400	5400	Shale
5400	5500	5500	Sandstone
5500	5600	5600	Gravel
5600	5700	5700	Sand
5700	5800	5800	Clay
5800	5900	5900	Shale
5900	6000	6000	Sandstone
6000	6100	6100	Gravel
6100	6200	6200	Sand
6200	6300	6300	Clay
6300	6400	6400	Shale
6400	6500	6500	Sandstone
6500	6600	6600	Gravel
6600	6700	6700	Sand
6700	6800	6800	Clay
6800	6900	6900	Shale
6900	7000	7000	Sandstone
7000	7100	7100	Gravel
7100	7200	7200	Sand
7200	7300	7300	Clay
7300	7400	7400	Shale
7400	7500	7500	Sandstone
7500	7600	7600	Gravel
7600	7700	7700	Sand
7700	7800	7800	Clay
7800	7900	7900	Shale
7900	8000	8000	Sandstone
8000	8100	8100	Gravel
8100	8200	8200	Sand
8200	8300	8300	Clay
8300	8400	8400	Shale
8400	8500	8500	Sandstone
8500	8600	8600	Gravel
8600	8700	8700	Sand
8700	8800	8800	Clay
8800	8900	8900	Shale
8900	9000	9000	Sandstone
9000	9100	9100	Gravel
9100	9200	9200	Sand
9200	9300	9300	Clay
9300	9400	9400	Shale
9400	9500	9500	Sandstone
9500	9600	9600	Gravel
9600	9700	9700	Sand
9700	9800	9800	Clay
9800	9900	9900	Shale
9900	10000	10000	Sandstone