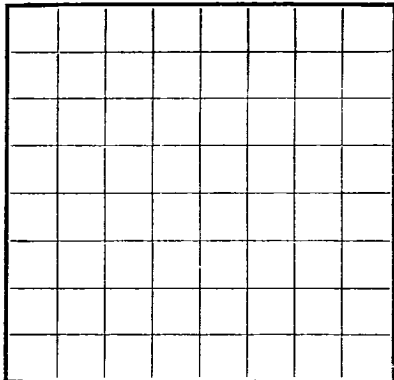




LOCATE WELL CORRECTLY

RECEIVED
SEP 20 1957
U. S. LAND OFFICE
SANTA FE
NEW MEXICOU. S. LAND OFFICE Santa Fe
SERIAL NUMBER 079043
LEASE OR PERMIT TO PROSPECT
N. E. Blanco Unit Agreement No. 1,
UNITED STATES Sec. 929DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Blackwood & Nichols Company Address P. O. Box 1237, Durango, Colorado
Tract 10 Field Blanco Mesaverde State New Mexico
Well No. 53-28 Sec. 28 T. 31N R. 7W Meridian NMP County San Juan
Location 420 ft. N of S Line and 420 ft. E of W Line of Section 28 Elevation 6448'
(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
Signed by DeLasso Loos DeLasso Loos

Date September 20, 1957 Title Field Superintendent

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

Commenced drilling May 26, 19 57 Finished drilling August 23, 19 57

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3035' to 3340' (G) No. 4, from 5304' to 5578' (G)
No. 2, from 3340' to 3575' (G) No. 5, from 5578' to 5782' (G)
No. 3, from 5250' to 5304' (G) 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	From—	To—	Purpose
10-3/4	32.75	8rd	CE&I	154'	Tex. Pat.				Surface
7-5/8	15.40	8rd	CE&I	155'	CE&I				Intermediate
5-1/2	15.50	8rd	CE&I	5830'	CE&I				Production
2-3/8	4.9	8rd	CE&I	5720'	CE&I				Tubing

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10-3/4	168'	200	Pump & plug	Water	Cement circulated
7-5/8	3575'	225	"	"	"
5-1/2	5842'	150	"	"	Top cement at 3780'

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 5842 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 8,873 MCF (AOF) Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. 1115 Rate of flow thru 3/4" choke after 3 hours: 4272 MCFPD

EMPLOYEES

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

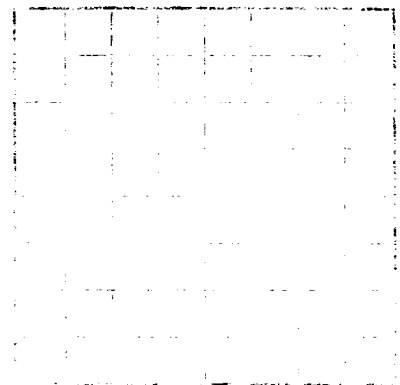
FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0'	1315'	1315	San Jose
1315'	2355'	1040	Animas
2355'	2600'	245	Ojo Alamo SS
2600'	3035'	435	Kirtland
3035'	3340'	305	Fruitland SS
3340'	3575'	235	Fictured Cliffs SS
3575'	5250'	1675	Lewis Shale
5250'	5304'	54	Massive Cliffhouse SS
5304'	5578'	274	Menefee Shale
5578'	5782'	204	Point Lookout SS
5782'	—		Mancos Shale

U.S. Geological Survey
Department of the Interior
Geological Survey
Washington, D.C.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL



The purpose of this log is to provide a permanent record of the work done in the well. It is to be filled out by the person or persons who are actually doing the work. The log should be filled out as the work is done, and should be checked by the supervisor at the end of each day. The log should be filled out in ink, and should be signed by the person or persons who are actually doing the work. The log should be filled out in detail, and should include all of the following information:

1. Name of the well
2. Location of the well
3. Date of completion
4. Name of the person or persons who did the work
5. Name of the supervisor

OIL OR GAS SANDS OR ROCKS

No. 1. Name of the well
No. 2. Location of the well
No. 3. Date of completion
No. 4. Name of the person or persons who did the work
No. 5. Name of the supervisor

IMPORTANT WATER SANDS

No. 1. Name of the well
No. 2. Location of the well
No. 3. Date of completion
No. 4. Name of the person or persons who did the work
No. 5. Name of the supervisor

LOGGING 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 fully, and if any casing was "sidetracked", 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 bailing.

HISTORY OF OIL OR GAS WELL

FROM—		TO—		TOTAL FEET		FORMATION	
1. Name of the well		2. Location of the well		3. Date of completion		4. Name of the person or persons who did the work	
5. Name of the supervisor		6. Name of the well		7. Location of the well		8. Date of completion	
9. Name of the person or persons who did the work		10. Name of the supervisor		11. Name of the well		12. Location of the well	
13. Date of completion		14. Name of the person or persons who did the work		15. Name of the supervisor		16. Name of the well	
17. Location of the well		18. Date of completion		19. Name of the person or persons who did the work		20. Name of the supervisor	
21. Name of the well		22. Location of the well		23. Date of completion		24. Name of the person or persons who did the work	
25. Name of the supervisor		26. Name of the well		27. Location of the well		28. Date of completion	
29. Name of the person or persons who did the work		30. Name of the supervisor		31. Name of the well		32. Location of the well	
33. Date of completion		34. Name of the person or persons who did the work		35. Name of the supervisor		36. Name of the well	
37. Location of the well		38. Date of completion		39. Name of the person or persons who did the work		40. Name of the supervisor	
41. Name of the well		42. Location of the well		43. Date of completion		44. Name of the person or persons who did the work	
45. Name of the supervisor		46. Name of the well		47. Location of the well		48. Date of completion	
49. Name of the person or persons who did the work		50. Name of the supervisor		51. Name of the well		52. Location of the well	
53. Date of completion		54. Name of the person or persons who did the work		55. Name of the supervisor		56. Name of the well	
57. Location of the well		58. Date of completion		59. Name of the person or persons who did the work		60. Name of the supervisor	
61. Name of the well		62. Location of the well		63. Date of completion		64. Name of the person or persons who did the work	
65. Name of the supervisor		66. Name of the well		67. Location of the well		68. Date of completion	
69. Name of the person or persons who did the work		70. Name of the supervisor		71. Name of the well		72. Location of the well	
73. Date of completion		74. Name of the person or persons who did the work		75. Name of the supervisor		76. Name of the well	
77. Location of the well		78. Date of completion		79. Name of the person or persons who did the work		80. Name of the supervisor	
81. Name of the well		82. Location of the well		83. Date of completion		84. Name of the person or persons who did the work	
85. Name of the supervisor		86. Name of the well		87. Location of the well		88. Date of completion	
89. Name of the person or persons who did the work		90. Name of the supervisor		91. Name of the well		92. Location of the well	
93. Date of completion		94. Name of the person or persons who did the work		95. Name of the supervisor		96. Name of the well	
97. Location of the well		98. Date of completion		99. Name of the person or persons who did the work		100. Name of the supervisor	