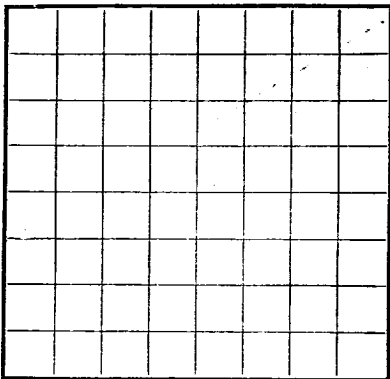
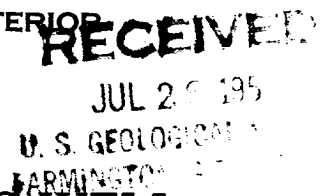




LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYU. S. LAND OFFICE Santa Fe
SERIAL NUMBER 079042
LEASE OR PERMIT TO PROSPECT
Unit Agreement No. 1 Sec 929

LOG OF OIL OR GAS WELL

Company Blackwood & Nichols Company Address P. O. Box 1237, Durango, Colorado
Lessor or Tract 9 Field Blanco Mesaverte State New Mexico
Well No. 31-7 Sec. 7 T. 30N R. 7W Meridian BPM County San Juan
Location 770 ft. N. of 8 Line and 700 ft. E. of W Line of Sec. 7 Elevation 6169
(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 Loos DeLasso LoosDate July 21, 1955 Title Field Superintendent

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

Commenced drilling June 5, 1955 Finished drilling July 3, 1955

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2860 to 3060 No. 4, from 5279 to 5420
No. 2, from 3060 to 3320 No. 5, from _____ to _____
No. 3, from 4920 to 4980 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—	
<u>10-3/4</u>	<u>32.75</u>	<u>8rd</u>	<u>Natl</u>	<u>154'</u>	<u>Box Pat.</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>Surface</u>
<u>7-5/8</u>	<u>21.75</u>	<u>8rd</u>	<u>Natl</u>	<u>332'</u>	<u>Box Pat.</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>Intermediate</u>
<u>5-1/2</u>	<u>17.25</u>	<u>8rd</u>	<u>Natl</u>	<u>1586'</u>	<u>Box Pat.</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>Production</u>
<u>2-3/8</u>	<u>4.7</u>	<u>8rd</u>	<u>CP</u>	<u>1939'</u>	<u>Box Pat.</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>Tubing</u>

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>10-3/4</u>	<u>167'</u>	<u>250</u>	<u>Pump & Plug</u>	<u>water</u>	<u>Cement Circulated</u>
<u>7-5/8</u>	<u>3352'</u>	<u>200</u>	<u>Pump & Plug</u>		
<u>5-1/2</u>	<u>5279'</u>	<u>150</u>	<u>Pump & Plug</u>		

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
<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>
<u>Sandfraced Cliffhouse through casing perforations. Did not treat Point Lookout zone.</u>						

TOOLS USED

Rotary tools were used from 0 feet to 5436 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

7-3, 1955 Put to producing _____, 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 3979 Gallons gasoline per 1,000 cu. ft. of gas _____Rock pressure, lbs. per sq. in. 1104

EMPLOYEES

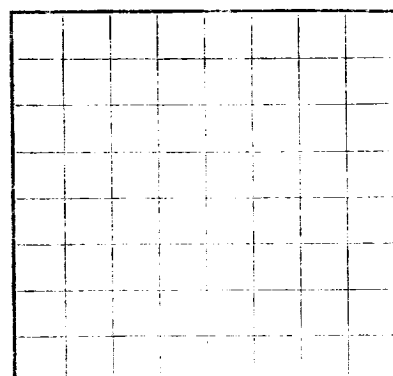
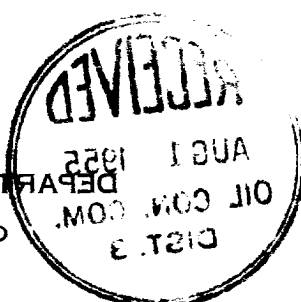
_____, Driller _____, Driller
_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>0'</u>	<u>975'</u>	<u>975'</u>	<u>San Jose</u>
<u>975'</u>	<u>1950'</u>	<u>975'</u>	<u>Animas</u>
<u>1950'</u>	<u>2090'</u>	<u>140'</u>	<u>Oja Alamo SS</u>
<u>2090'</u>	<u>2860'</u>	<u>770'</u>	<u>Kirtland</u>
<u>2860'</u>	<u>3060'</u>	<u>200'</u>	<u>Fruitland SS</u>
<u>3060'</u>	<u>3320'</u>	<u>260'</u>	<u>Pictured Cliffs SS</u>
<u>3320'</u>	<u>4920</u>	<u>1600'</u>	<u>Lewis Shale</u>
<u>4920'</u>	<u>4980'</u>	<u>60'</u>	<u>Cliffhouse</u>
<u>4980'</u>	<u>5280'</u>	<u>300'</u>	<u>Menafee Sh</u>
<u>5280'</u>	<u>5410'</u>	<u>130'</u>	<u>Point Lookout SS</u>
<u>5410'</u>	<u>—</u>	<u>—</u>	<u>Mancos Shale</u>

UNIT Agreement No. _____
 LEASE ON PERMIT TO PROSPECT _____
 SERIAL NUMBER _____
 U.S. LAND OFFICE _____
 Santa Fe _____

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY



LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

so far as can be determined from all available records
Signed W. L. Jones DeLasso Inc.
The information given herewith is a complete and correct record of the well and all work done thereon
Location 770 ft. of 2 Line and 700 ft. of 1 Line of Sec. 7
Well No. 31-7-30N R. 30W Meridian
T. 30N R. 30W Meridian
County San Juan
Lessor or Trust
Field Blanco Mesaverte State New Mexico
Company Blackwood & Nichols Company
Address P. O. Box 1237, Durango, Colorado

Abstract of _____ Title _____

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

Commenced drilling	July 1	19 25	Finished drilling	July 3

OIL OR GAS SANDS OR ZONES

(Theorist's name)

No. 1, from	to	3860	No. 1, from	to	3852
No. 2, from	to	3850	No. 2, from	to	3842
No. 3, from	to	4000	No. 3, from	to	3992

IMPORTANT WATER SANDS

No. 2, from _____ to _____
No. 3, from _____ to _____

CASING RECORD

Purpose	Perforated To—	From—	Cut and pulled from	Kind of shoe	Amount	Make	Threads per inch	Weight per foot	Size casting
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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 the results. If any changes were made in the casing, state fully, and if any casing was packed off in the well, give the date 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, and number of shots. 3544 3852 8411 10-344

8-4 THE CH HISTORY OF OIL OR GAS WELL

SLUDDING AND CEMENTING RECORD

Where?	Number of persons	Method used	Kind of water	Amount of water used
10-11	200	Pump & plug	water	Concrete structure
12-13	200	Pump & plug		
14-15	20	Pump & plug		

PLUGS AND ADAPTERS

Apparent Material	Size	Length	Depth and
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SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
Satisfactory Cliffrace in dry casting performance.						
Did not test joint lockout rods.						

TOOLS USED

Foot	_____	of feet	_____	feet, and from	_____	feet to	_____	Cable tools were used from	_____	feet to	_____	feet	_____
Foot	_____	of feet	_____	feet, and from	_____	feet to	_____	Cable tools were used from	_____	feet to	_____	feet	_____

DATE

If gas well, cut ft. per 24 hours _____ Inclusion; _____ % water; and _____ % sediment. The production for the first 24 hours was _____	Part to producing _____ barrels of fluid of which _____ % was oil; Gravity, _____ Gallons gasoline per 1,000 cu. ft. of gas _____
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EMPLOYEES

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

FORMATION RECORD

FORMATION	TOTAL FEET	TO—	FROM
San Jose	975'	975'	0'
Animas	950'	1925'	1925'
Ojo Alamo 32	140'	2065'	1950'
Kirtland	770'	2835'	2065'
Kirtland 32	200'	3035'	2835'
Fractured Cliffs 32	280'	3315'	3035'
Lewis Shale	1600'	4915'	3315'
Cliffhouse	60'	4975'	4915'
Menefee 24	300'	5275'	4975'
Point Lookout 22	130'	5405'	5275'
Manitou Shale	—	—	5405'

FORMATION RECORD—Continued