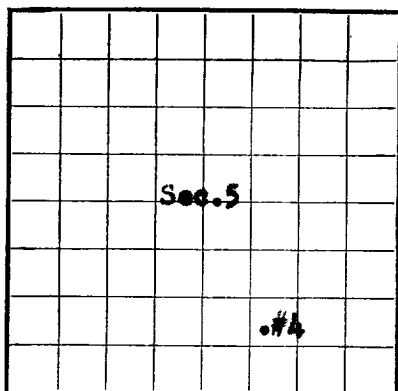
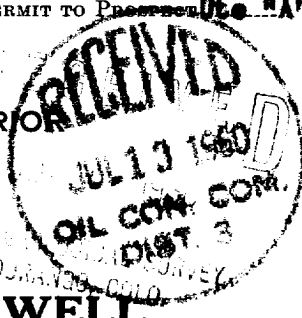


U. S. LAND OFFICE Ute Mountain Tribe
SERIAL NUMBER 14-20-604-80
LEASE OR PERMIT TO PROCEED Ute "A"



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY



LOG OF OIL OR GAS WELL

Company Skelly Oil Company Address Drawer 510, Farmington, New Mexico
 Lessor or Tract Ute "A" Field Verde Gallup State New Mexico
 Well No. 4 Sec. 5 T. 31N R. 14W Meridian N.M.P.M. County San Juan
 Location 790 ft. N of S Line and 1850 ft. E of E Line of Section 5 Elevation 6253

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.

Date July 8, 1960 Title District Superintendent

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

Commenced drilling May 11, 1960 Finished drilling May 26, 1960

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from none to _____ No. 4, from _____ to _____
No. 2, from _____ to _____ No. 5, from _____ to _____
No. 3, from _____ to _____ 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

[illegible]

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
OB					
10-3/4"	145'	190	Halliburton		
7"	234.2'	250 (2-stage)	Halliburton		

Temperature survey (1st stage) found no indication of top of cement behind 7" casing.
Temperature survey (2nd stage) indicated top of cement behind 7" casing at 493'.

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

TOOLS USED

Rotary tools were used from 0 feet to 321.8 feet, and from _____ feet to _____ feet.

Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet.

DATES

July 8, 1960 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 Gallons gasoline per 1,000 cu. ft. of gas

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

Empire States Drilling Co.	Driller	Driller
	Driller	Driller

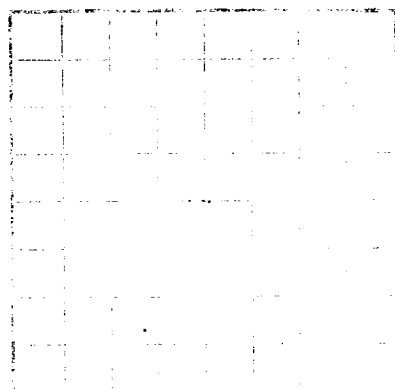
FORMATION RECORD

FROM--	TO--	TOTAL FEET	FORMATION
0	860	860	Sand and shale
860	1225	365	Sand and shale - Top Point Lookout 860'
1225	2360	1135	Sand and shale - Top Mancos 1225'
2360	2520	160	Sand and shale - Top Middle Gallup 2360'
2520	2956	436	Sand and shale - Top Lower Gallup 2520'
2956	3020	64	Sand and shale - Top Greenhorn 2956'
3020	3082	62	Sand and shale - Top Graneros 3020'
3082	3130	48	Sand and shale - Top I Dakota 3082'
3130	3248	118	Sand and shale - Top II Dakota 3130'
TOTAL DEPTH		3248'	Logs by Schlumberger Electric Log
PLUGGED AND ABANDONED			June 7, 1960

ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED

07-00000-039

END PAGE 20 TO 201



0174-6060/99/0004-0000\$10.00/0

Squeezed 7" casing perforations with 50 sacks of regular cement, 2% Gell. Squeezure 1500#. Squeezed 30 sacks into formation, left 20 sacks in hole. Top of cement in casing at 765'. Set 10 sacks cement plug in top to 3 1/4" on casing. Installed permanent marker, 4" OP pipe 4' above ground level. Plugged and abandoned June 7, 1960.

5-29-60 Ran Schlumberger Electrical, Induction and Gamma Ray-Neutron Logs to 3153'.
 5-30-60 Set 50 sack cement plug 3080-2895'. Set 40 sack cement plug 2292-2392'.
 Preparing to perforate 7" OD casing 864-890' to test the Mesa Verde formation.
 6-5-60 Perforated 7" OD casing 864-890' with 2 hole per foot. Swabbed thru 7" casing
 for 2 hours, recovered 10 gallons of water, No show of oil or gas.
 Acidized thru perforations 864-890 with 250 gallons of HOMCO HCA. Flushed with 35
 barrels of water. Max. pressure 4000. Min. pressure 2000. Swabbed back load water.
 Tested with swap 1 hour, recovered 5 barrels of water. No show of oil or gas.

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 piling 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

16-43094-2 U. S. GOVERNMENT PRINTING OFFICE

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