

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 07250
LEASE OR PERMIT TO PROSPECT _____
14-08-001-949

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company El Paso Natural Gas Company Address Box 997, Farmington, New Mexico
Lessor or Tract San Juan 2-5 Unit Field Blanco State New Mexico
Well No. 13 Sec. 9 T. 24 R. 5 Meridian NMPM County Rio Arriba
Location 500 ft. N. of 3 Line and 103 ft. E. of 1 Line of Section 9 Elevation 6631
(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 W. H. H. H. H.

Date September 21, 1956 Title Petroleum Engineer

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

Commenced drilling -----, 19----- Finished drilling -----, 19-----

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3469 to 3571 (6) No. 4, from 3438 to 3500 (6)
No. 2, from 3252 to 3345 (6) No. 5, from _____ to _____
No. 3, from 3345 to 3630 (2) 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—	
1 3/4	32.45	3 RD	J-55	160	10000				surface
1 5/8	26.4	3 RD	J-55	972	10000				10000
1 1/2	15.5	3 RD	J-55	252	10000				10000
2	4.7	3 RD	J-55	576	10000				10000

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10-3/4"	75'	125	circulated		
7-5/8"	350'	250	single stage		
5-1/2"	583'	300	single stage		

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
		see well history.				

TOOLS USED

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

DATES

-----, 19----- 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 _____ A.C. Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. ----- 1644 -----

EMPLOYEES

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	2781	2781	Box to gry or-grn ss. interbedded w/gry sl.
2781	2896	115	Lje /lamo ss. white or-grn s.
2896	3214	318	Kirtland form. Gry sh interbedded w/light gry fine-grn ss.
3214	3469	255	Prattland form. Gry carb sh, scattered corals corals and gry, tight, fine-grn ss.
3469	3571	102	Pictured Cliffs form. Gry, fine-grn, tight, varicolored unit ss.
3571	5252	1681	Levis formation. Gry to white dense ss w/silty to shaly ss breaks.
5252	5345	93	Cliff House ss. Gry, fine-grn, dense sil ss.
5345	5630	285	Menefee form. Gry, fine-grn s, carb ss & coal.
5630	5804	174	Point Lookout form. Gry, very fine sil ss w/frequent sh breaks.
5804	5842	38	Arcos formation. Gry carb sh.

FROM—
TO—
TOTAL FEET
FORMATION

FROM—
TO—
TOTAL FEET
FORMATION

10-43094-4

1. The first step is to identify the problem or question that needs to be answered. This involves understanding the context and the specific information required.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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8-27-56 Jet B. 1950. Jet. With 4 Jet/L. 2nd stage. Perforated inner
5302-5310, 5320-57. After fractured outer houses with 50,700 Gallons water
60,000 sand. (Time) with 5350-GALLON WATER 1 INCH 3 INCH. 1500. 1500.

0-2/-36 I.T. 3-37, 3-38, 3-39, 3-40, 3-41, 3-42, 3-43, 3-44, 3-45, 3-46, 3-47, 3-48, 3-49, 3-50, 3-51, 3-52, 3-53, 3-54, 3-55, 3-56, 3-57, 3-58, 3-59, 3-60, 3-61, 3-62, 3-63, 3-64, 3-65, 3-66, 3-67, 3-68, 3-69, 3-70, 3-71, 3-72, 3-73, 3-74, 3-75, 3-76, 3-77, 3-78, 3-79, 3-80, 3-81, 3-82, 3-83, 3-84, 3-85, 3-86, 3-87, 3-88, 3-89, 3-90, 3-91, 3-92, 3-93, 3-94, 3-95, 3-96, 3-97, 3-98, 3-99, 3-100, 3-101, 3-102, 3-103, 3-104, 3-105, 3-106, 3-107, 3-108, 3-109, 3-110, 3-111, 3-112, 3-113, 3-114, 3-115, 3-116, 3-117, 3-118, 3-119, 3-120, 3-121, 3-122, 3-123, 3-124, 3-125, 3-126, 3-127, 3-128, 3-129, 3-130, 3-131, 3-132, 3-133, 3-134, 3-135, 3-136, 3-137, 3-138, 3-139, 3-140, 3-141, 3-142, 3-143, 3-144, 3-145, 3-146, 3-147, 3-148, 3-149, 3-150, 3-151, 3-152, 3-153, 3-154, 3-155, 3-156, 3-157, 3-158, 3-159, 3-160, 3-161, 3-162, 3-163, 3-164, 3-165, 3-166, 3-167, 3-168, 3-169, 3-170, 3-171, 3-172, 3-173, 3-174, 3-175, 3-176, 3-177, 3-178, 3-179, 3-180, 3-181, 3-182, 3-183, 3-184, 3-185, 3-186, 3-187, 3-188, 3-189, 3-190, 3-191, 3-192, 3-193, 3-194, 3-195, 3-196, 3-197, 3-198, 3-199, 3-200, 3-201, 3-202, 3-203, 3-204, 3-205, 3-206, 3-207, 3-208, 3-209, 3-210, 3-211, 3-212, 3-213, 3-214, 3-215, 3-216, 3-217, 3-218, 3-219, 3-220, 3-221, 3-222, 3-223, 3-224, 3-225, 3-226, 3-227, 3-228, 3-229, 3-230, 3-231, 3-232, 3-233, 3-234, 3-235, 3-236, 3-237, 3-238, 3-239, 3-240, 3-241, 3-242, 3-243, 3-244, 3-245, 3-246, 3-247, 3-248, 3-249, 3-250, 3-251, 3-252, 3-253, 3-254, 3-255, 3-256, 3-257, 3-258, 3-259, 3-260, 3-261, 3-262, 3-263, 3-264, 3-265, 3-266, 3-267, 3-268, 3-269, 3-270, 3-271, 3-272, 3-273, 3-274, 3-275, 3-276, 3-277, 3-278, 3-279, 3-280, 3-281, 3-282, 3-283, 3-284, 3-285, 3-286, 3-287, 3-288, 3-289, 3-290, 3-291, 3-292, 3-293, 3-294, 3-295, 3-296, 3-297, 3-298, 3-299, 3-300, 3-301, 3-302, 3-303, 3-304, 3-305, 3-306, 3-307, 3-308, 3-309, 3-310, 3-311, 3-312, 3-313, 3-314, 3-315, 3-316, 3-317, 3-318, 3-319, 3-320, 3-321, 3-322, 3-323, 3-324, 3-325, 3-326, 3-327, 3-328, 3-329, 3-330, 3-331, 3-332, 3-333, 3-334, 3-335, 3-336, 3-337, 3-338, 3-339, 3-340, 3-341, 3-342, 3-343, 3-344, 3-345, 3-346, 3-347, 3-348, 3-349, 3-350, 3-351, 3-352, 3-353, 3-354, 3-355, 3-356, 3-357, 3-358, 3-359, 3-360, 3-361, 3-362, 3-363, 3-364, 3-365, 3-366, 3-367, 3-368, 3-369, 3-370, 3-371, 3-372, 3-373, 3-374, 3-375, 3-376, 3-377, 3-378, 3-379, 3-380, 3-381, 3-382, 3-383, 3-384, 3-385, 3-386, 3-387, 3-388, 3-389, 3-390, 3-391, 3-392, 3-393, 3-394, 3-395, 3-396, 3-397, 3-398, 3-399, 3-400, 3-401, 3-402, 3-403, 3-404, 3-405, 3-406, 3-407, 3-408, 3-409, 3-410, 3-411, 3-412, 3-413, 3-414, 3-415, 3-416, 3-417, 3-418, 3-419, 3-420, 3-421, 3-422, 3-423, 3-424, 3-425, 3-426, 3-427, 3-428, 3-429, 3-430, 3-431, 3-432, 3-433, 3-434, 3-435, 3-436, 3-437, 3-438, 3-439, 3-440, 3-441, 3-442, 3-443, 3-444, 3-445, 3-446, 3-447, 3-448, 3-449, 3-450, 3-451, 3-452, 3-453, 3-454, 3-455, 3-456, 3-457, 3-458, 3-459, 3-460, 3-461, 3-462, 3-463, 3-464, 3-465, 3-466, 3-467, 3-468, 3-469, 3-470, 3-471, 3-472, 3-473, 3-474, 3-475, 3-476, 3-477, 3-478, 3-479, 3-480, 3-481, 3-482, 3-483, 3-484, 3-485, 3-486, 3-487, 3-488, 3-489, 3-490, 3-491, 3-492, 3-493, 3-494, 3-495, 3-496, 3-497, 3-498, 3-499, 3-500, 3-501, 3-502, 3-503, 3-504, 3-505, 3-506, 3-507, 3-508, 3-509, 3-510, 3-511, 3-512, 3-513, 3-514, 3-515, 3-516, 3-517, 3-518, 3-519, 3-520, 3-521, 3-522, 3-523, 3-524, 3-525, 3-526, 3-527, 3-528, 3-529, 3-530, 3-531, 3-532, 3-533, 3-534, 3-535, 3-536, 3-537, 3-538, 3-539, 3-540, 3-541, 3-542, 3-543, 3-544, 3-545, 3-546, 3-547, 3-548, 3-549, 3-550, 3-551, 3-552, 3-553, 3-554, 3-555, 3-556, 3-557, 3-558, 3-559, 3-560, 3-561, 3-562, 3-563, 3-564, 3-565, 3-566, 3-567, 3-568, 3-569, 3-570, 3-571, 3-572, 3-573, 3-574, 3-575, 3-576, 3-577, 3-578, 3-579, 3-580, 3-581, 3-582, 3-583, 3-584, 3-585, 3-586, 3-587, 3-588, 3-589, 3-590, 3-591, 3-592, 3-593, 3-594, 3-595, 3-596, 3-597, 3-598, 3-599, 3-600, 3-601, 3-602, 3-603, 3-604, 3-605, 3-606, 3-607, 3-608, 3-609, 3-610, 3-611, 3-612, 3-613, 3-614, 3-615, 3-616, 3-617, 3-618, 3-619, 3-620, 3-621, 3-622, 3-623, 3-624, 3-625, 3-626, 3-627, 3-628, 3-6

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 dewatered, 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.

HISTORY OF OIL OR GAS WELL

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