

Wants To
U. S. LAND OFFICE
SERIAL NUMBER 078484
LEASE OR PERMIT TO PROSPECTUNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company The New Drilling Co. Address 1015 Patterson Bldg., Denver, Colo.
Lessor or Tract Government-Cain Field Windsat State New Mexico
Well No. 1 Sec. 25 T. 31N R. 18W Meridian R.M.P.M. County Santa Juan
Location 1098 ft. of N. Line and 1075 ft. of E. Line of Section 25 Elevation 5829' (KB)
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

Title

Secretary-Treasurer

Date June 21, 1957

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

Commented drilling December 3, 1956 Finished drilling January 21, 1957

OIL OR GAS SANDS OR ZONES

** Mesa Verde

** Dakota

No. 1, from 0-4440 to 4720 No. 4, from to
No. 2, from 0-6676 to 6810 No. 5, from to
No. 3, from to to to No. 6, from to

IMPORTANT WATER SANDS

No. 1, from to to to No. 3, from to
No. 2, from to to 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
10-3/4"	32.75	8	Republic	122	None	None		Surface
7"	28.0	8	Chai	4388	None	None		Intermediate
4-1/2"	13.4	8	Chai	2474	None	None	6676 6708	Dakota
4-1/2"							4488 4736	Mesa Verde
* 4-1/2" Liner from 4258' to 6742'								

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10-3/4"	152	70	Pump and Plug	10	Hole full
7"	4378	150	Pump and Plug	10	Hole full
4-1/2"	6742	275	Pump and Plug	Water	Hole full

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
40,778 Gals.	Fractured	Perforations:	6676-6708	2-3-57		
108,000 Gals.	Fractured	Perforations:	4488-4756	2-7-58		
24,700 Gals.	Fractured	Perforations:	4648-4756	3-16-57		
100,000 Gals.	Fractured	Perforations:	4488-4618	3-17-57		
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

Waiting on pipe line connection, 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 _____ Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. _____

Calc. 2079 psi. (Dakota)
Calc. 1052 psi. (Mesa Verde)

Homer Davis

Driller

Roy Weatherington

Driller

W. E. Tudor

Driller

John Weatherington, Tool Pusher

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	315		Surface Sand and Shale
315	2124		Kirtland Shale
2124	2316		Pictured Cliff
2316	3690		Lewis Shale
4460	4760		Mesa Verde
4760	6676		Mancos Shale
6676	6810		Dakota Sand
6810	6900 TD*		Morrison Shale

* Plug Back Total Depth: 6742. Original hole was lost. Plugged back and whipstocked at 5890'. New hole was drilled to total depth at 6750'. A 4-1/2" liner was run from 4258' to 6742'.

Perforations (Dakota): 6676' - 6688'; 6692' - 6708'; 6711' - 6719'
Perforations (Mesa Verde): 4488' - 4492'; 4496' - 4510'; 4516' - 4536'; 4542' - 4552'
4584' - 4688'; 4595' - 4599'; 4610' - 4613'; 4624' - 4629'
4636' - 4640'; 4646' - 4670'; 4682' - 4685'; 4700' - 4704'
4724' - 4730'; 4730' - 4756'.

and removed 4740 lbs. of water, February 2, 1957. Cleaned up Dakota; set
 bridge pins at 5000, and put in 4 jets per foot
 4736, 4742, 4751, 4752, 4753, 4754, 4755, 4756, 4757, 4758, 4759, 4760, 4761, 4762, 4763, 4764, 4765, 4766, 4767, 4768, 4769, 4770, 4771, 4772, 4773, 4774, 4775, 4776, 4777, 4778, 4779, 4780, 4781, 4782, 4783, 4784, 4785, 4786, 4787, 4788, 4789, 4790, 4791, 4792, 4793, 4794, 4795, 4796, 4797, 4798, 4799, 4800, 4801, 4802, 4803, 4804, 4805, 4806, 4807, 4808, 4809, 4810, 4811, 4812, 4813, 4814, 4815, 4816, 4817, 4818, 4819, 4820, 4821, 4822, 4823, 4824, 4825, 4826, 4827, 4828, 4829, 4830, 4831, 4832, 4833, 4834, 4835, 4836, 4837, 4838, 4839, 4840, 4841, 4842, 4843, 4844, 4845, 4846, 4847, 4848, 4849, 4850, 4851, 4852, 4853, 4854, 4855, 4856, 4857, 4858, 4859, 4860, 4861, 4862, 4863, 4864, 4865, 4866, 4867, 4868, 4869, 4870, 4871, 4872, 4873, 4874, 4875, 4876, 4877, 4878, 4879, 4880, 4881, 4882, 4883, 4884, 4885, 4886, 4887, 4888, 4889, 4890, 4891, 4892, 4893, 4894, 4895, 4896, 4897, 4898, 4899, 4900, 4901, 4902, 4903, 4904, 4905, 4906, 4907, 4908, 4909, 4910, 4911, 4912, 4913, 4914, 4915, 4916, 4917, 4918, 4919, 4920, 4921, 4922, 4923, 4924, 4925, 4926, 4927, 4928, 4929, 4930, 4931, 4932, 4933, 4934, 4935, 4936, 4937, 4938, 4939, 4940, 4941, 4942, 4943, 4944, 4945, 4946, 4947, 4948, 4949, 4950, 4951, 4952, 4953, 4954, 4955, 4956, 4957, 4958, 4959, 4960, 4961, 4962, 4963, 4964, 4965, 4966, 4967, 4968, 4969, 4970, 4971, 4972, 4973, 4974, 4975, 4976, 4977, 4978, 4979, 4980, 4981, 4982, 4983, 4984, 4985, 4986, 4987, 4988, 4989, 4990, 4991, 4992, 4993, 4994, 4995, 4996, 4997, 4998, 4999, 5000, 5001, 5002, 5003, 5004, 5005, 5006, 5007, 5008, 5009, 5010, 5011, 5012, 5013, 5014, 5015, 5016, 5017, 5018, 5019, 5020, 5021, 5022, 5023, 5024, 5025, 5026, 5027, 5028, 5029, 5030, 5031, 5032, 5033, 5034, 5035, 5036, 5037, 5038, 5039, 5040, 5041, 5042, 5043, 5044, 5045, 5046, 5047, 5048, 5049, 5050, 5051, 5052, 5053, 5054, 5055, 5056, 5057, 5058, 5059, 5060, 5061, 5062, 5063, 5064, 5065, 5066, 5067, 5068, 5069, 5070, 5071, 5072, 5073, 5074, 5075, 5076, 5077, 5078, 5079, 5080, 5081, 5082, 5083, 5084, 5085, 5086, 5087, 5088, 5089, 5090, 5091, 5092, 5093, 5094, 5095, 5096, 5097, 5098, 5099, 5100, 5101, 5102, 5103, 5104, 5105, 5106, 5107, 5108, 5109, 5110, 5111, 5112, 5113, 5114, 5115, 5116, 5117, 5118, 5119, 5120, 5121, 5122, 5123, 5124, 5125, 5126, 5127, 5128, 5129, 5130, 5131, 5132, 5133, 5134, 5135, 5136, 5137, 5138, 5139, 5140, 5141, 5142, 5143, 5144, 5145, 5146, 5147, 5148, 5149, 5150, 5151, 5152, 5153, 5154, 5155, 5156, 5157, 5158, 5159, 5160, 5161, 5162, 5163, 5164, 5165, 5166, 5167, 5168, 5169, 5170, 5171, 5172, 5173, 5174, 5175, 5176, 5177, 5178, 5179, 5180, 5181, 5182, 5183, 5184, 5185, 5186, 5187, 5188, 5189, 5190, 5191, 5192, 5193, 5194, 5195, 5196, 5197, 5198, 5199, 5200, 5201, 5202, 5203, 5204, 5205, 5206, 5207, 5208, 5209, 5210, 5211, 5212, 5213, 5214, 5215, 5216, 5217, 5218, 5219, 5220, 5221, 5222, 5223, 5224, 5225, 5226, 5227, 5228, 5229, 5230, 5231, 5232, 5233, 5234, 5235, 5236, 5237, 5238, 5239, 5240, 5241, 5242, 5243, 5244, 5245, 5246, 5247, 5248, 5249, 5250, 5251, 5252, 5253, 5254, 5255, 5256, 5257, 5258, 5259, 5260, 5261, 5262, 5263, 5264, 5265, 5266, 5267, 5268, 5269, 5270, 5271, 5272, 5273, 5274, 5275, 5276, 5277, 5278, 5279, 5280, 5281, 5282, 5283, 5284, 5285, 5286, 5287, 5288, 5289, 5290, 5291, 5292, 5293, 5294, 5295, 5296, 5297, 5298, 5299, 5300, 5301, 5302, 5303, 5304, 5305, 5306, 5307, 5308, 5309, 5310, 5311, 5312, 5313, 5314, 5315, 5316, 5317, 5318, 5319, 5320, 5321, 5322, 5323, 5324, 5325, 5326, 5327, 5328, 5329, 5330, 5331, 5332, 5333, 5334, 5335, 5336, 5337, 5338, 5339, 5340, 5341, 5342, 5343, 5344, 5345, 5346, 5347, 5348, 5349, 5350, 5351, 5352, 5353, 5354, 5355, 5356, 5357, 5358, 5359, 5360, 5361, 5362, 5363, 5364, 5365, 5366, 5367, 5368, 5369, 5370, 5371, 5372, 5373, 5374, 5375, 5376, 5377, 5378, 5379, 5380, 5381, 5382, 5383, 5384, 5385, 5386, 5387, 5388, 5389, 5390, 5391, 5392, 5393, 5394, 5395, 5396, 5397, 5398, 5399, 5400, 5401, 5402, 5403, 5404, 5405, 5406, 5407, 5408, 5409, 5410, 5411, 5412, 5413, 5414, 5415, 5416, 5417, 5418, 5419, 5420, 5421,

Serial	Date	Place	Amount	Kind of shoe	Time
10-34	38.7.3	1931	1.50	None	
10-35	38.7.3	1931	1.50	None	

FORMATION RECORD		TOTAL FEET		FORMATION	
FEET	TO	FEET	TO	FEET	TO
2810	2810	2810	2810	2810	2810
2800	2800	2800	2800	2800	2800
2790	2790	2790	2790	2790	2790
2780	2780	2780	2780	2780	2780
2770	2770	2770	2770	2770	2770
2760	2760	2760	2760	2760	2760
2750	2750	2750	2750	2750	2750
2740	2740	2740	2740	2740	2740
2730	2730	2730	2730	2730	2730
2720	2720	2720	2720	2720	2720
2710	2710	2710	2710	2710	2710
2700	2700	2700	2700	2700	2700
2690	2690	2690	2690	2690	2690
2680	2680	2680	2680	2680	2680
2670	2670	2670	2670	2670	2670
2660	2660	2660	2660	2660	2660
2650	2650	2650	2650	2650	2650
2640	2640	2640	2640	2640	2640
2630	2630	2630	2630	2630	2630
2620	2620	2620	2620	2620	2620
2610	2610	2610	2610	2610	2610
2600	2600	2600	2600	2600	2600
2590	2590	2590	2590	2590	2590
2580	2580	2580	2580	2580	2580
2570	2570	2570	2570	2570	2570
2560	2560	2560	2560	2560	2560
2550	2550	2550	2550	2550	2550
2540	2540	2540	2540	2540	2540
2530	2530	2530	2530	2530	2530
2520	2520	2520	2520	2520	2520
2510	2510	2510	2510	2510	2510
2500	2500	2500	2500	2500	2500
2490	2490	2490	2490	2490	2490
2480	2480	2480	2480	2480	2480
2470	2470	2470	2470	2470	2470
2460	2460	2460	2460	2460	2460
2450	2450	2450	2450	2450	2450
2440	2440	2440	2440	2440	2440
2430	2430	2430	2430	2430	2430
2420	2420	2420	2420	2420	2420
2410	2410	2410	2410	2410	2410
2400	2400	2400	2400	2400	2400
2390	2390	2390	2390	2390	2390
2380	2380	2380	2380	2380	2380
2370	2370	2370	2370	2370	2370
2360	2360	2360	2360	2360	2360
2350	2350	2350	2350	2350	2350
2340	2340	2340	2340	2340	2340
2330	2330	2330	2330	2330	2330
2320	2320	2320	2320	2320	2320
2310	2310	2310	2310	2310	2310
2300	2300	2300	2300	2300	2300
2290	2290	2290	2290	2290	2290
2280	2280	2280	2280	2280	2280
2270	2270	2270	2270	2270	2270
2260	2260	2260	2260	2260	2260
2250	2250	2250	2250	2250	2250
2240	2240	2240	2240	2240	2240
2230	2230	2230	2230	2230	2230
2220	2220	2220	2220	2220	2220