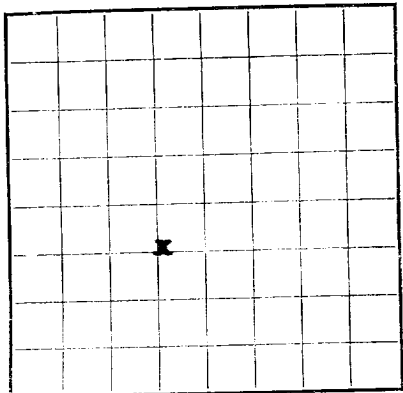


U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 079346
LEASE OR PERMIT TO PROSPECT I-Sec. 844
Gallegos Canyon Unit



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company BENSON-MONTIN Address 315 1/2 West Main, Farmington, N. Mex.
Lessor or Tract GALLEGOS CANYON UNIT Field West Kutz State New Mexico
Well No. 9 Sec. 32 T. 28N R. 12W Meridian N.M.P.M. County San Juan
Location 1885 ft. N. of S. Line and 2135 ft. E. of W Line of Section 32 Elevation 5610
(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 [Signature]

Date March 11, 1953 Title Field Superintendent

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

Commenced drilling December 4, 1953 Finished drilling January 21, 1953

OIL OR GAS SANDS OR ZONES
(Denote gas by G)

No. 1, from 1235 to 1321 (G) 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

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From	To	
<u>9-5/8"</u>	<u>40#</u>	<u>8</u>	<u>J-55</u>	<u>79'</u>	<u>Tex. Pattern</u>				<u>Surface Production</u>
<u>7"</u>	<u>20#</u>	<u>8</u>	<u>J-55</u>	<u>1231'</u>	<u>Tex. Pattern</u>				

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>9-5/8"</u>	<u>88'</u>	<u>50</u>	<u>Pump & Plug</u>		
<u>7"</u>	<u>124'</u>	<u>100</u>	<u>Pump & Plug</u>		

PLUGS AND ADAPTERS

Heaving plug—Material None Length _____ Depth set _____
Adapters—Material _____ Size _____

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
<u>4"</u>	<u>Tin</u>	<u>SNG</u>	<u>168 qts.</u>	<u>1-21-53</u>	<u>1241-1321'</u>	<u>1321'</u>

TOOLS USED

Rotary tools were used from Surface feet to 1240 feet, and from _____ feet to _____ feet
Cable tools were used from 1240 feet to 1321 feet, and from _____ feet to _____ feet

DATES

Ran tubing January 28, 1953 Put to producing Potential Test February 6, 1953

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 1,210,000 Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. 420

EMPLOYEES

Crow, Benson & Montin, Driller (Rotary) _____, Driller
[Signature], Driller (Cable Tools) _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>Surface</u>	<u>1221</u>	<u>1221</u>	<u>Surface sand and shale, Ojo Alamo, Kirtland and Fruitland formations</u>
<u>1221</u>	<u>1235</u>	<u>14</u>	<u>Coal</u>
<u>1235</u>	<u>1321</u>	<u>86</u>	<u>Pictured Cliffs Sand</u>

DEPARTMENT OF THE INTERIOR
BIOLOGICAL SERVICE
UNITED STATES

115W 250 40 110 90 200

This image shows a blank, aged, cream-colored page, likely an endpaper or flyleaf of a book. The paper has a slightly textured appearance with some minor discoloration and a small dark stain near the bottom center. The left edge of the page shows the binding of the book.

$$Y = 1 - 2\lambda^2 \quad (5) \quad \lambda = 0.0001 \quad (6) \quad \lambda = 0.0002$$

The following is a list of the names of the persons who have been appointed to the various positions in the Department of the Interior, for the year ending June 30, 1901.

Date	Comments
10-20-52	"Notice of Intention to Drill" approved by U.S.G.S.
12-4-52	Spudded.
12-5-52	Set 9-5/8" casing at 63' with 50 sacks cement. Tested casing.
12-11-52	RD 1240'. Set 7" casing at 1240' with 100 sacks neat cement. Tested casing.
1-17-53	Moved in cable tool.
1-21-53	TD 1321'. Shot from 1241' to 1321' with 160 sacks SMC tamped with gravel and catalyst.
1-28-53	Cemented out to TD 1321'. Ran in tubing to 1318'.
2-6-53	State Hospital Test: Shut-in pressure 420 psig SWL. Flowed 1,210 MCF/day after open 3 hours through 2" tubing valve.

It is to 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 stop for water, state kind of material used, position, and results of pumping or bailing.

HISTORY OF OIL OR GAS WELL

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