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O.C.C.

ARTESIA, NEW MEXICO

U. S. LAND OFFICE Las Cruces

SERIAL NUMBER 051102-A

LEASE OR PERMIT

GEOLOGICAL SURVEY
RECEIVED
1940

Roswell, New Mexico

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Dixon and Yates Oil Co. Address Artesia, New MexicoLessor or Tract _____ Field Loco Hills State New MexicoWell No. 2-A Sec. 1 T. 18 R. 29 Meridian N.M.P.M. County EddyLocation 990 ft. N. of S Line and 990 ft. E. of E Line of Section 1 Elevation 3535 ft.
(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 Mary YatesDate April 5, 1940 Title Partner

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

Commenced drilling February 19, 19 40 Finished drilling March 24, 19 40

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2780' to 2811 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—	
7" OD casing									
8" OD casing									

HISTORY OF OIL OR GAS WELL

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
7" OD	2701'	100 Sacks			4 tons Mud
8" OD	441'	50 Sacks			-0-

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
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Shot well from 2780' to 2811' with 120 quarts of nitro-glycerin on March 21, 1940. Work done by New Mexico Glycerin Co., Artesia, New Mexico

TOOLS USED

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

Cable tools were used from -0- feet to 2811 feet, and from _____ feet to _____ feet

DATES

_____, 19____ Put to producing March 25, 1940The production for the first 24 hours was 500 barrels of fluid of which 100 % was oil; _____ %emulsion; _____ % water; and _____ % sediment. Gravity, °Bé. 37

If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

E. I. Atwood, Driller M. R. Watters, DrillerJim Folke, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	102		Red sand and shale
102	110		Gravel
110	135		Red shale
135	153		Sand
153	315		Gyp
315	325		Red shale
325	380		Sand and potash
380	405		Red rock
405	435		Salt and potash
435	441		Red rock
441	570		Salt
570	640		Salt shells
640	920		Salt
920	975		Salt shells
975	1097		Salt
1097	1105		Anhydrite
1105	1150		Anhydrite and red rock
1150	1190		Salt and anhydrite
1190	1210		Anhydrite
1210	1215		Shale
1215	1280		Anhydrite
1280	1335		Anhydrite and red rock
1335	1425		Anhydrite
1425	1470		Anhydrite and red rock
1470	1600		Anhydrite
1600	1605		Red rock

(OVER)

6-3743

FORMATION RECORD—Continued

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 3.3.0.0 3.3.0.0

1944-1945

U. S. LAND OFFICE

SERIAL NUMBER

PLEASE ON REPLY

UNITED STATES

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

The information given hereafter is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

Location North of _____ of _____ Line and _____ of _____ Elevation _____

Well No. _____ Sec. _____ T. _____ R. _____ S. _____ Meridian _____ County _____ State _____

Lessor or Trust _____ Address _____ Company _____

Compressed drilling 1912 Finished drilling 1912
The summary on this page is for the condition of the well at above date.

(1) Lignite gas (4)

OIL OR GAS SANDS OR ZONES

OIL OR GAS SANDS OR ZONES

(4) ed any stone(1)

No. 1, from	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	No. 3, from
No. 2, from	No. 4, from

[illegible]

IMPORTANT WATER SANDS

from 1.0% to 3.0%	from 1.0% to 3.0%
from 3.0% to 4.0%	from 2.0% to 3.0%

[illegible]

CASING RECORD

Case No.	State	Weight per foot	Threads per inch	Kind of shoe	Kind and pulled from	Perforated	Purpose
1	Ill.	12	12	High	Common	From	To
2	Ill.	12	12	High	Common	From	To
3	Ill.	12	12	High	Common	From	To
4	Ill.	12	12	High	Common	From	To
5	Ill.	12	12	High	Common	From	To
6	Ill.	12	12	High	Common	From	To
7	Ill.	12	12	High	Common	From	To
8	Ill.	12	12	High	Common	From	To
9	Ill.	12	12	High	Common	From	To
10	Ill.	12	12	High	Common	From	To
11	Ill.	12	12	High	Common	From	To
12	Ill.	12	12	High	Common	From	To
13	Ill.	12	12	High	Common	From	To
14	Ill.	12	12	High	Common	From	To
15	Ill.	12	12	High	Common	From	To
16	Ill.	12	12	High	Common	From	To
17	Ill.	12	12	High	Common	From	To
18	Ill.	12	12	High	Common	From	To
19	Ill.	12	12	High	Common	From	To
20	Ill.	12	12	High	Common	From	To
21	Ill.	12	12	High	Common	From	To
22	Ill.	12	12	High	Common	From	To
23	Ill.	12	12	High	Common	From	To
24	Ill.	12	12	High	Common	From	To
25	Ill.	12	12	High	Common	From	To
26	Ill.	12	12	High	Common	From	To
27	Ill.	12	12	High	Common	From	To
28	Ill.	12	12	High	Common	From	To
29	Ill.	12	12	High	Common	From	To
30	Ill.	12	12	High	Common	From	To
31	Ill.	12	12	High	Common	From	To
32	Ill.	12	12	High	Common	From	To
33	Ill.	12	12	High	Common	From	To
34	Ill.	12	12	High	Common	From	To
35	Ill.	12	12	High	Common	From	To
36	Ill.	12	12	High	Common	From	To
37	Ill.	12	12	High	Common	From	To
38	Ill.	12	12	High	Common	From	To
39	Ill.	12	12	High	Common	From	To
40	Ill.	12	12	High	Common	From	To
41	Ill.	12	12	High	Common	From	To
42	Ill.	12	12	High	Common	From	To
43	Ill.	12	12	High	Common	From	To
44	Ill.	12	12	High	Common	From	To
45	Ill.	12	12	High	Common	From	To
46	Ill.	12	12	High	Common	From	To
47	Ill.	12	12	High	Common	From	To
48	Ill.	12	12	High	Common	From	To
49	Ill.	12	12	High	Common	From	To
50	Ill.	12	12	High	Common	From	To
51	Ill.	12	12	High	Common	From	To
52	Ill.	12	12	High	Common	From	To
53	Ill.	12	12	High	Common	From	To
54	Ill.	12	12	High	Common	From	To
55	Ill.	12	12	High	Common	From	To
56	Ill.	12	12	High	Common	From	To
57	Ill.	12	12	High	Common	From	To
58	Ill.	12	12	High	Common	From	To
59	Ill.	12	12	High	Common	From	To
60	Ill.	12	12	High	Common	From	To
61	Ill.	12	12	High	Common	From	To
62	Ill.	12	12	High	Common		

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 "detracked" 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 shaft 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

MUDDING AND CEMENTING RECORD

Case No.	Where	Number of cases	Method used	Wind gravity	Amount of wind used
1	100	100			
2	100	100			

PLUGS AND ADAPTERS

Hearing range—Bilateral	Length	Depth set
Abductor—Bilateral	Size	

SHOOTING RECORD

[illegible]

0203 21007

[illegible]

23745

1. The water level in the reservoir was 100 feet above the base of the dam at the time of the explosion.

EMPLOYERS

	10-1	10-2	10-3	10-4	10-5	10-6	10-7	10-8	10-9	10-10	10-11	10-12	10-13	10-14	10-15	10-16	10-17	10-18	10-19	10-20	10-21	10-22	10-23	10-24	10-25	10-26	10-27	10-28	10-29	10-30	10-31	10-32	10-33	10-34	10-35	10-36	10-37	10-38	10-39	10-40	10-41	10-42	10-43	10-44	10-45	10-46	10-47	10-48	10-49	10-50	10-51	10-52	10-53	10-54	10-55	10-56	10-57	10-58	10-59	10-60	10-61	10-62	10-63	10-64	10-65	10-66	10-67	10-68	10-69	10-70	10-71	10-72	10-73	10-74	10-75	10-76	10-77	10-78	10-79	10-80	10-81	10-82	10-83	10-84	10-85	10-86	10-87	10-88	10-89	10-90	10-91	10-92	10-93	10-94	10-95	10-96	10-97	10-98	10-99	10-100	10-101	10-102	10-103	10-104	10-105	10-106	10-107	10-108	10-109	10-110	10-111	10-112	10-113	10-114	10-115	10-116	10-117	10-118	10-119	10-120	10-121	10-122	10-123	10-124	10-125	10-126	10-127	10-128	10-129	10-130	10-131	10-132	10-133	10-134	10-135	10-136	10-137	10-138	10-139	10-140	10-141	10-142	10-143	10-144	10-145	10-146	10-147	10-148	10-149	10-150	10-151	10-152	10-153	10-154	10-155	10-156	10-157	10-158	10-159	10-160	10-161	10-162	10-163	10-164	10-165	10-166	10-167	10-168	10-169	10-170	10-171	10-172	10-173	10-174	10-175	10-176	10-177	10-178	10-179	10-180	10-181	10-182	10-183	10-184	10-185	10-186	10-187	10-188	10-189	10-190	10-191	10-192	10-193	10-194	10-195	10-196	10-197	10-198	10-199	10-200	10-201	10-202	10-203	10-204	10-205	10-206	10-207	10-208	10-209	10-210	10-211	10-212	10-213	10-214	10-215	10-216	10-217	10-218	10-219	10-220	10-221	10-222	10-223	10-224	10-225	10-226	10-227	10-228	10-229	10-230	10-231	10-232	10-233	10-234	10-235	10-236	10-237	10-238	10-239	10-240	10-241	10-242	10-243	10-244	10-245	10-246	10-247	10-248	10-249	10-250	10-251	10-252	10-253	10-254	10-255	10-256	10-257	10-258	10-259	10-260	10-261	10-262	10-263	10-264	10-265	10-266	10-267	10-268	10-269	10-270	10-271	10-272	10-273	10-274	10-275	10-276	10-277	10-278	10-279	10-280	10-281	10-282	10-283	10-284	10-285	10-286	10-287	10-288	10-289	10-290	10-291	10-292	10-293	10-294	10-295	10-296	10-297	10-298	10-299	10-300	10-301	10-302	10-303	10-304	10-305	10-306	10-307	10-308	10-309	10-310	10-311	10-312	10-313	10-314	10-315	10-316	10-317	10-318	10-319	10-320	10-321	10-322	10-323	10-324	10-325	10-326	10-327	10-328	10-329	10-330	10-331	10-332	10-333	10-334	10-335	10-336	10-337	10-338	10-339	10-340	10-341	10-342	10-343	10-344	10-345	10-346	10-347	10-348	10-349	10-350	10-351	10-352	10-353	10-354	10-355	10-356	10-357	10-358	10-359	10-360	10-361	10-362	10-363	10-364	10-365	10-366	10-367	10-368	10-369	10-370	10-371	10-372	10-373	10-374	10-375	10-376	10-377	10-378	10-379	10-380	10-381
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FORMATION RECORD

FROM	TO	TOTAL FEET	FORMATION
1605	1660	55	Anydrite
1660	1720	60	Anydrite and lime
1720	1770	50	Anydrite
1770	1768	2	Brown lime
1768	1855	87	Anydrite
1855	1890	35	Anydrite and lime
1890	1925	35	Anydrite
1925	1955	30	Anydrite and brown lime
1955	1985	30	lime and anydrite
1985	2285	300	Anydrite
2285	2315	30	Red sand
2315	2325	10	lime
2325	2350	25	Anydrite and lime
2350	2420	70	Anydrite
2420	2445	25	Anydrite and lime
2445	2485	40	Anydrite
2485	2515	30	Anydrite and lime
2515	2590	75	Anydrite
2590	2667	77	Brown lime
2667	2695	28	Gray lime
2695	2767	72	lime
2767	2776	9	Sandy lime
2776	2811	35	Sand
2811			Total Depth

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