

RECEIVED

Budget Bureau No. 42-R-355.3.
Approval expires 12-31-55.

SEP 12 1957

U. S. LAND OFFICE **Santa Fe**
SERIAL NUMBER **NM 026415**
LEASE OR PERMIT TO PROSPECT

Oil Cons. Comm.

ARTESIA OFFICE

UNITED STATES

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

RECEIVED
SEP 5 1957GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company **Neil E. Salsich, Ltd.** Address **304 Central Building, Midland, Texas**
Lessor or Tract **Federal DA** Field **Wildcat** State **New Mexico**
Well No. **1** Sec. **10** T. **14S** R. **31E** Meridian **N.M.P.M.** County **Eddy**
Location **660** ft. **N.** of **S** Line and **660** ft. **E.** of **W** Line of **Section 10** Elevation **4138**
(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

Date **September 4, 1957**Title **Geologist**

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

Commenced drilling **4-25**, 19**57** Finished drilling **6-25**, 19**57**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

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 _____ 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—	
13-3/8 8-5/8	50# 20#		New Union	92 500	Baker Hydramatic				Surface Subsidence
It is of the greatest importance to have a complete history of the well. Please state in detail the dates of recording, together with the reasons for the work and its results. If there were any changes made in the casing, state when, and if any casing was lost, state where and how lost.									
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
13-3/8 8-5/8	92 850	100 None	Circulate Mudding		

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 _____ feet to _____ feet, and from _____ feet to _____ feet
Cable tools were used from **0** feet to **3676** 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 _____ Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	835	835	Red Beds and Sand
835	1033	198	Anhydrite & Red Shale
1033	1875	842	Salt
1875	2023	148	Anhydrite
2023	2205	182	Sand, Shale and Anhydrite
2205	2874	669	Anhydrite and Shale
2874	2930	56	Sand
2930	3113	183	Anhydrite and Lime
3113	3210	97	Sand
3210	3293	83	Anhydrite, Sand and Shale
3293	3592	299	Lime, Anhydrite, Sand and Shale
3592	3640	48	Sand and Anhydrite
3640	3676	36	Lime

FORMATION RECORD—Continued

PLEASE OR PERMIT TO PROCEED
SERIAL NUMBER
U.S. LAND OFFICE
JAN 15 1954

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

A blank sheet of white graph paper with a light gray grid pattern. The grid consists of 10 columns and 8 rows of squares. There are no markings or text on the page.

LOCATE WELL CORRECTLY

Date September 11, 1957
 Title Geologist
 Signed [Signature]
 The information given herewith is a summary and correct record of the well and all work done thereon
 so far as can be determined from all available records.
 Location 650 ft. of 2 1/2" and 3 1/2" in 1 1/2" of Section 10 of Line of
 Well No. 1 Sec. 10 T. 105 N. 12 E. 10 W. County Butte State Montana
 Lessor or Trust Federal DA Field Williston
 Company Well E. Safelich, Ltd. Address 301 Central Building, Williston, Montana

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

Well No. _____ Condition _____ Date _____

OIL OR GAS SANDS OR ZONES

(G) ved 200 stykker af 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

IMPROVED RETAINING SANDS

No. 3 from to No. 3 from

No. 4 from to No. 4 from

GROUP ONE

Case	Weight per foot	Threads per inch	Pitch	Amount	Name of place cut and pulled from	Returned To—	Purpose
A-1	70 lbs.	16	8	100	Green		Reference

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, site, position, and number of shots. Drains or bridges were put in to test for water, state kind of material used, position, and results of pumping or draining.

HISTORY OF OIL OR GAS WELL

10-48084-2 U. S. GOVERNMENT PRINTING OFFICE

RECORDING AND COMMUNICATIONS SECTION

[illegible]

PLATE 3 AND ADAPTERS

11-12-13-14-15-16-17-18-19-20-21-22-23-24-25-26-27-28-29-30-31-32-33-34-35-36-37-38-39-40-41-42-43-44-45-46-47-48-49-50-51-52-53-54-55-56-57-58-59-60-61-62-63-64-65-66-67-68-69-70-71-72-73-74-75-76-77-78-79-80-81-82-83-84-85-86-87-88-89-90-91-92-93-94-95-96-97-98-99-100-101-102-103-104-105-106-107-108-109-110-111-112-113-114-115-116-117-118-119-120-121-122-123-124-125-126-127-128-129-130-131-132-133-134-135-136-137-138-139-140-141-142-143-144-145-146-147-148-149-150-151-152-153-154-155-156-157-158-159-160-161-162-163-164-165-166-167-168-169-170-171-172-173-174-175-176-177-178-179-180-181-182-183-184-185-186-187-188-189-190-191-192-193-194-195-196-197-198-199-200-201-202-203-204-205-206-207-208-209-210-211-212-213-214-215-216-217-218-219-220-221-222-223-224-225-226-227-228-229-230-231-232-233-234-235-236-237-238-239-240-241-242-243-244-245-246-247-248-249-250-251-252-253-254-255-256-257-258-259-260-261-262-263-264-265-266-267-268-269-270-271-272-273-274-275-276-277-278-279-280-281-282-283-284-285-286-287-288-289-290-291-292-293-294-295-296-297-298-299-300-301-302-303-304-305-306-307-308-309-310-311-312-313-314-315-316-317-318-319-320-321-322-323-324-325-326-327-328-329-330-331-332-333-334-335-336-337-338-339-340-341-342-343-344-345-346-347-348-349-350-351-352-353-354-355-356-357-358-359-360-361-362-363-364-365-366-367-368-369-370-371-372-373-374-375-376-377-378-379-380-381-382-383-384-385-386-387-388-389-390-391-392-393-394-395-396-397-398-399-400-401-402-403-404-405-406-407-408-409-410-411-412-413-414-415-416-417-418-419-420-421-422-423-424-425-426-427-428-429-430-431-432-433-434-435-436-437-438-439-440-441-442-443-444-445-446-447-448-449-450-451-452-453-454-455-456-457-458-459-460-461-462-463-464-465-466-467-468-469-470-471-472-473-474-475-476-477-478-479-480-481-482-483-484-485-486-487-488-489-490-491-492-493-494-495-496-497-498-499-500-501-502-503-504-505-506-507-508-509-510-511-512-513-514-515-516-517-518-519-520-521-522-523-524-525-526-527-528-529-530-531-532-533-534-535-536-537-538-539-540-541-542-543-544-545-546-547-548-549-550-551-552-553-554-555-556-557-558-559-560-561-562-563-564-565-566-567-568-569-570-571-572-573-574-575-576-577-578-579-580-581-582-583-584-585-586-587-588-589-590-591-592-593-594-595-596-597-598-599-600-601-602-603-604-605-606-607-608-609-610-611-612-613-614-615-616-617-618-619-620-621-622-623-624-625-626-627-628-629-630-631-632-633-634-635-636-637-638-639-640-641-642-643-644-645-646-647-648-649-650-651-652-653-654-655-656-657-658-659-660-661-662-663-664-665-666-667-668-669-670-671-672-673-674-675-676-677-678-679-680-681-682-683-684-685-686-687-688-689-690-691-692-693-694-695-696-697-698-699-700-701-702-703-704-705-706-707-708-709-710-711-712-713-714-715-716-717-718-719-720-721-722-723-724-725-726-727-728-729-730-731-732-733-734-735-736-737-738-739-740-741-742-743-744-745-746-747-748-749-750-751-752-753-754-755-756-757-758-759-760-761-762-763-764-765-766-767-768-769-770-771-772-773-774-775-776-777-778-779-780-781-782-783-784-785-786-787-788-789-790-791-792-793-794-795-796-797-798-799-800-801-802-803-804-805-806-807-808-809-810-811-812-813-814-815-816-817-818-819-820-821-822-823-824-825-826-827-828-829-830-831-832-833-834-835-836-837-838-839-840-841-842-843-844-845-846-847-848-849-850-851-852-853-854-855-856-857-858-859-860-861-862-863-864-865-866-867-868-869-870-871-872-873-874-875-876-877-878-879-880-881-882-883-884-885-886-887-888-889-890-891-892-893-894-895-896-897-898-899-900-901-902-903-904-905-906-907-908-909-910-911-912-913-914-915-916-917-918-919-920-921-922-923-924-925-926-927-928-929-930-931-932-933-934-935-936-937-938-939-940-941-942-943-944-945-946-947-948-949-950-951-952-953-954-955-956-957-958-959-960-961-962-963-964-965-966-967-968-969-970-971-972-973-974-975-976-977-978-979-980-981-982-983-984-985-986-987-988-989-990-991-992-993-994-995-996-997-998-999-1000-1001-1002-1003-1004-1005-1006-1007-1008-1009-1010-1011-1012-1013-1014-1015-1016-1017-1018-1019-1020-1021-1022-1023-1024-1025-1026-1027-1028-1029-1030-1031-1032-1033-1034-1035-1036-1037-1038-1039-1040-1041-1042-104

RECORDING RECORD

Year	Number of cases	Number of deaths	Number of recoveries	Number of cases with complications	Number of cases with sequelae	Number of cases with long-term effects
2019	10	0	5	2	1	0
2020	15	0	8	3	2	1
2021	20	0	10	4	3	2
2022	25	0	12	5	4	3
2023	30	0	15	6	5	4
2024	35	0	18	7	6	5
2025	40	0	20	8	7	6
2026	45	0	22	9	8	7
2027	50	0	25	10	9	8
2028	55	0	28	11	10	9
2029	60	0	30	12	11	10
2030	65	0	32	13	12	11

Q66U 110001

[illegible]

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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	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200	201	202	203	204	205	206	207	208	209	210	211	212	213	214	215	216	217	218	219	220	221	222	223	224	225	226	227	228	229	230	231	232	233	234	235	236	237	238	239	240	241	242	243	244	245	246	247	248	249	250	251	252	253	254	255	256	257	258	259	260	261	262	263	264	265	266	267	268	269	270	271	272	273	274	275	276	277	278	279	280	281	282	283	284	285	286	287	288	289	290	291	292	293	294	295	296	297	298	299	300	301	302	303	304	305	306	307	308	309	310	311	312	313	314	315	316	317	318	319	320	321	322	323	324	325	326	327	328	329	330	331	332	333	334	335	336	337	338	339	340	341	342	343	344	345	346	347	348	349	350	351	352	353	354	355	356	357	358	359	360	361	362	363	364	365	366	367	368	369	370	371	372	373	374	375	376	377	378	379	380	381	382	383	384	385	386	387	388	389	390	391	392	393	394	395	396	397	398	399	400	401	402	403	404	405	406	407	408	409	410	411	412	413	414	415	416	417	418	419	420	421	422	423	424	425	426	427	428	429	430	431	432	433	434	435	436	437	438	439	440	441	442	443	444	445	446	447	448	449	450	451	452	453	454	455	456	457	458	459	460	461	462	463	464	465	466
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emulsion; _____ % water; and _____ % sediment Gravity, °Bé. _____	The prescription for the first 4 weeks was _____
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	Rock pressure, lbs. per sq. in.	
	Gas well, cu. ft. per 24 hours	
	Water production, gal. per 100 cu. ft. of gas	

SECRET

Drift	Drift	Drift	Drift
Drift	Drift	Drift	Drift

FOURTH EDITION RECORD

FORMATION	TOTAL FEET	TO—	FROM—
Red Beds and Sand	850	850	0
Anhydrite & sand shale	100	1000	850
Shale	850	1850	1000
Anhydrite	100	2000	1850
Sand, Shale and Anhydrite	100	2100	2000
Anhydrite and Shale	600	2700	2100
Sand	50	2800	2700
Anhydrite and Limestone	100	2900	2800
Sand	50	3000	2900
Anhydrite, Sand and Shale	50	3050	3000
Limestone, Anhydrite, Sand and Shale	200	3250	3050
Sand and Anhydrite	50	3300	3250
Limestone	50	3350	3300

FORMATION RECORD—Continued