

U. S. LAND OFFICE _____
SERIAL NUMBER **88039164** _____
LEASE OR PERMIT TO PROSPECT _____

[illegible]

LOCATE WELL CORRECTLY

RECEIVED UNITED STATES
AUG 28 1961 DEPARTMENT OF THE INTERIOR
BUREAU OF GEOLOGICAL SURVEY
ARTES, NEW MEXICO

RECEIVED
AUG 29 1961
D. C. C.
ARTESIA, OFFICE

LOG OF OIL OR GAS WELL

Company PAUL E. HASKINS Address 2007 Wilco Bldg., Midland, Texas
Lessor or Tract Robert E. McKee Field Gatty State New Mexico
Well No. 1 Sec. 12 T. 20S R. 29E Meridian MM County Eddy
Location 330 ft. ^[N.] of S Line and 990 ft. ^[E.] of W Line of Sec. 12 Elevation 3,323'
_(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 Paul E. Haskins

Date August 24, 1961 Title Owner

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

Commenced drilling July 9-----, 1961 Finished drilling July 31-----, 1961

OIL OR GAS SANDS OR ZONES

(Denote gas by $\ominus$)

No. 1, from ~~NONE~~ 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 UNION to _____ No. 3, from _____ to _____
No. 2, from _____ to _____ No. 4, from _____ to _____

CASING RECORD

[illegible]

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8"	326'	100 sacks	Pump Truck		
4-1/2"	1,616'	100 sacks	Pump Truck		

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 _____ feet to _____ feet, and from _____ feet to _____ feet.

1,010 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'	30'	30'	Caliche
30'	315'	235'	Red Beds
315'	1,185'	870'	Salt
1,185'	1,230'	45'	Salt & Anhydrite
1,230'	1,400'	170'	Lime & Anhydrite
1,400'	1,450'	50'	Sand & Lime
1,450'	1,470'	20'	Lime
1,470'	1,500'	30'	Sand
1,500'	1,525'	25'	Lime
1,525'	1,616'	91'	Lime & Sand

FOURNATION RECORD-COMPANY

15-49004-4

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.....
.....

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF GEOLOGICAL SURVEY

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OVER THE CASE SALES FOR NUMBER

(Determine for C)

No. 1 from	No. 4 from
No. 2 from	No. 5 from
No. 3 from	No. 6 from

IMPORTANT WATER BANDS

1. The first step in the process is to identify the problem. This involves gathering information about the situation and the people involved.

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 "backed", 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 test for water, state kind of material used, position, and results of pumping or balling.

HISTORY OF OIL OR GAS WELL

U. S. GOVERNMENT PRINTING OFFICE 16-70097-2

SECRET

[illegible][illegible]

INDEX AND ADAPTATION

SHOOTING RECORD	Adaptive-Material	Size
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Size	Shelf used	Exposition used	Quantity	Rate	Temp in shop	Depth cleaned and

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	to	from	used were	tools	Rodary
test	to	and	from	test	test
test	to	and	from	test	test

[illegible]

Location	Depth (m)	Temperature (°C)	Salinity (‰)	Density (kg/m³)	Specific Heat (J/kg·°C)	Thermal Conductivity (W/m·°C)	Viscosity (Pa·s)	Compressibility (1/Pa)	Expansion Coefficient (1/°C)
1000	1000	10.0	35.0	1027.0	4180	0.6	1.0	1.2	0.0002
2000	2000	5.0	35.0	1027.5	4180	0.6	1.0	1.2	0.0002
3000	3000	2.0	35.0	1027.8	4180	0.6	1.0	1.2	0.0002
4000	4000	1.0	35.0	1028.0	4180	0.6	1.0	1.2	0.0002
5000	5000	0.5	35.0	1028.2	4180	0.6	1.0	1.2	0.0002
6000	6000	0.2	35.0	1028.4	4180	0.6	1.0	1.2	0.0002
7000	7000	0.1	35.0	1028.5	4180	0.6	1.0	1.2	0.0002
8000	8000	0.0	35.0	1028.6	4180	0.6	1.0	1.2	0.0002
9000	9000	0.0	35.0	1028.7	4180	0.6	1.0	1.2	0.0002
10000	10000	0.0	35.0	1028.8	4180	0.6	1.0	1.2	0.0002

EMPLOYEES

2-HE-Cl	2-HE-Cl		
2-HE-Cl	2-HE-Cl		

FROM	TO	INITIALS	DATE

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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