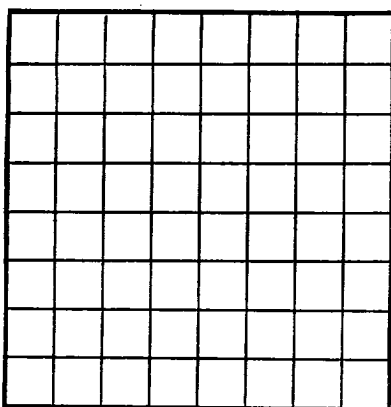


U. S. LAND OFFICE Las Cruces
SERIAL NUMBER 028784-93 (b) Tr. A
LEASE OR PERMIT TO PROSPECT Keely B

LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company General American Oil Co. of Texas Address Box 416, Loco Hills, New Mexico
Lessor or Tract Keely B Field Grayburg-Jackson State New Mexico
Well No. 20 Sec. 25 T. 17SR. 29E Meridian NMPM County Eddy
Location 1295ft. (N. of S.) of N Line and 2615ft. (E. of W.) of W Line of Section 26 Elevation 3602'
(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 R. J. Heard (Signature)Date April 6, 1950Title Field Supt.

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

Commenced drilling February 19, 1950, 19 Finished drilling April 1, 1950, 19

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3016 to 3018 No. 4, from to
No. 2, from 3031 to 3042 (broken) 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>8-5/8"</u>	<u>24#</u>	<u>8 rd</u>	<u>Nat'l.</u>	<u>453'</u>	<u>Tex. Pattern</u>	<u> </u>	<u> </u>	<u> </u>	<u>Salt String</u>
<u>7"</u>	<u>20#</u>	<u>8rd</u>	<u>Youngstown</u>	<u>2899'</u>	<u>Float</u>	<u> </u>	<u> </u>	<u> </u>	<u>Prod. String</u>

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>8-5/8"</u>	<u>459'</u>	<u>50</u>	<u>Halliburton</u>	<u>Heavy</u>	<u>To Surface</u>
<u>7"</u>	<u>2900'</u>	<u>100</u>	<u>Halliburton</u>	<u>Heavy</u>	<u>To Surface</u>

PLUGS AND ADAPTERS

Heaving plug—Material Length Depth set
Adapters—Material Size ACIDIZING ~~SHALING~~ RECORD

Size	Shell used	Chemical Explosive used	Quantity Gallons	Date	Depth shot Treated	Depth cleaned out
		<u>20% HCl</u>	<u>1000</u>	<u>4-2</u>	<u>3061-3108'</u>	
		<u>20% HCl</u>	<u>2000</u>	<u>4-3</u>	<u>3061-3108'</u>	
		<u>20% HCl</u>	<u>250</u>	<u>4-4</u>	<u>2900-3057'</u>	
		<u>20% HCl</u>	<u>1400</u>	<u>4-4</u>	<u>2900-3057'</u>	

TOOLS USED

Rotary tools were used from feet to feet, and from feet to feet
Cable tools were used from 0 feet to 3108 feet, and from feet to feet

DATES

April 6, 1950, 19 Put to producing April 4, 1950, 19 The production for the first 24 hours was 150 barrels of fluid of which 100 % was oil; %
emulsion; % water; and % sediment. Gravity, 46.6 API 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

Roy Burkhart , Driller W. C. Karr , Driller
Carl Byler , Driller V. A. Lane , Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>0</u>	<u>4</u>	<u>4</u>	<u>Sand</u>
<u>4</u>	<u>15</u>	<u>11</u>	<u>Caliche</u>
<u>15</u>	<u>190</u>	<u>175</u>	<u>Red Shale</u>
<u>190</u>	<u>212</u>	<u>22</u>	<u>Sand</u>
<u>212</u>	<u>255</u>	<u>43</u>	<u>Red Shale</u>
<u>255</u>	<u>353</u>	<u>98</u>	<u>Red Shale & Anhy Shells</u>
<u>353</u>	<u>405</u>	<u>52</u>	<u>Red Shale</u>
<u>405</u>	<u>415</u>	<u>10</u>	<u>Potash & Anhy</u>
<u>415</u>	<u>423</u>	<u>10</u>	<u>Red Shale</u>
<u>423</u>	<u>455</u>	<u>30</u>	<u>Salt</u>
<u>455</u>	<u>458</u>	<u>14</u>	<u>SIM</u>
<u>458</u>	<u>870</u>	<u>411</u>	<u>Salt</u>
<u>870</u>	<u>1108</u>	<u>238</u>	<u>Anhy</u>
<u>1108</u>	<u>1165</u>	<u>57</u>	<u>Anhy & Red Rock</u>
<u>1165</u>	<u>1292</u>	<u>127</u>	<u>Anhy</u>
<u>1292</u>	<u>1328</u>	<u>36</u>	<u>Broken Anhy</u>
<u>1328</u>	<u>1336</u>	<u>9</u>	<u>Red Shale</u>
<u>1336</u>	<u>1729</u>	<u>403</u>	<u>Anhy</u>
<u>1729</u>	<u>1761</u>	<u>22</u>	<u>Broken Anhy</u>
<u>1761</u>	<u>1874</u>	<u>113</u>	<u>Anhy</u>
<u>1874</u>	<u>1884</u>	<u>10</u>	<u>SIM</u>
<u>1884</u>	<u>1980</u>	<u>96</u>	<u>Anhy</u>
<u>1980</u>	<u>2004</u>	<u>24</u>	<u>Red Sand</u>
<u>2004</u>	<u>2038</u>	<u>34</u>	<u>Anhy</u>
<u>2038</u>	<u>2044</u>	<u>6</u>	<u>Lime</u>
<u>2044</u>	<u>2114</u>	<u>100</u>	<u>Anhy</u>

[illegible]

TOC OF OIL OR GAS WELL

1. Administrative Control System Change

and, even so, the only way to tell if the change did not go on was to

1. The first step in the process of identifying a problem is to define the problem clearly. This involves identifying the symptoms of the problem and determining the scope of the problem. Once the problem has been defined, the next step is to identify the causes of the problem. This involves identifying the factors that are contributing to the problem and determining the underlying causes. Once the causes have been identified, the next step is to develop a plan to address the problem. This involves identifying the actions that need to be taken to address the problem and determining the resources that will be needed to implement the plan. Finally, the last step in the process is to implement the plan and monitor the results. This involves putting the plan into action and tracking the progress of the plan to ensure that the problem is being addressed effectively.

SECRET

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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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 "mishandled" 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 bailing.

16-43084-1 U. S. GOVERNMENT PRINTING OFFICE

FROM-	TO-	TOTAL FEET	FORMATION
21.44	21.57	13	Gray Lime
21.57	21.72	15	Any
21.72	22.04	32	Broken Any
22.04	22.32	28	Any
22.32	23.15	83	Broken Any
23.15	23.25	10	Lime
23.25	23.55	30	Any
23.55	23.60	5	Broken Any
23.60	23.75	15	Broken Lime
23.75	25.09	134	Gray Lime
25.09	25.26	17	White Lime
25.26	25.47	15	Brown Lime
25.47	26.30	69	White Lime
26.30	26.47	17	Pink Lime
26.47	27.08	61	White Lime
27.08	27.20	12	Pink Lime
27.20	27.56	36	Gray Lime
27.56	28.30	74	White Lime
28.30	28.36	6	Any
28.36	30.46	210	White Lime
30.46	20.51	5	Brown Lime
20.51	31.06	55	White Lime
31.06	31.06	2	Any