

U S LAND OFFICE Hobbs, New Mexico

SERIAL NUMBER

LEASE OR PERMIT TO PROSPECT _____
C62178--Federal "A" Well # 3

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
AUG 9 1963

U. S. GEOLOGICAL SURVEY
HOBBBS, NEW YORK

LOCATE WELL CORRECTLY

Company Lario Oil & Gas Company Address Box 1209 Odessa, Texas
 Lessor or Tract Federal "A" Field Milnesand San And State New Mexico
 Well No. 3 Sec. 14 T. 8-S R. 34-E Meridian _____ County Roosevelt
 Location 660 ft. SW of _____ Line and 660 ft. E of _____ Line of SE/4 _____ Elevation 4269

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 August 6, 1963 Title Dist. Prod. Superintendent

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

Commenced drilling July 16, 1963, 19 Finished drilling July 25, 1963, 19

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2792 to 4680 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	
8-5/8	2 1/4	8	11-55	1374	11-55	1374	11-55	1374	11-55
4-1/2	2 1/4	8	11-55	1374	11-55	1374	11-55	1374	11-55

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8"	384	125 sacks 8% gel and	75 sacks reg.	w/2% calcium chloride-	cement circulated.
4 1/2"	4780	200 sacks 50-50 powder, 2% gel, 3/4 of 1% CFR,		6% salt per sack. Oil string	top of cement at 3864'

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 Surface feet to 4680 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

August 6, 1963, 19 Put to producing August 5, 1963, 19

The production for the first 24 hours was 48 barrels of fluid of which 100 % was oil; 0 % emulsion; 0 % water; and 0 % sediment. Gravity, °Bé. 29.6

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

Rock pressure, lbs. per sq. in. -----

EMPLOYEES

Verna Drilling Company, Driller _____, Driller _____
 1216 Mercantile Securities, Driller _____, Driller _____
 Building, Dallas, Texas

FORMATION RECORD

FROM-	TO-	TOTAL FEET	FORMATION
0	244	244	Caliche, Sand and Shale
244	347	103	Red Bed and Shale
347	1912	1565	Red Bed
1912	2262	350	Red Bed and Anhydrite
2262	2680	418	Anhydrite, Salt and Shale
2680	2857	177	Anhydrite and sand
2857	3202	345	Anhydrite, Shale and salt
3202	3483	281	Anhydrite and shale
3483	3565	82	Anhydrite and sand
3565	3810	245	Anhydrite and shale
3810	4680	870	Lime
Geologic Tops - Electric Log			
Rustler	2137		
Yates	2606		
San Andres	3792		
Porosity	4534		

[OVER]

FOURTH RECORD—Continued

16-43084-7

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Y E D E S S E C Y : C A N A D A C

[illegible][illegible]

HISTORY OF OIL OR GAS WELL

U. S. GOVERNMENT PRINTING OFFICE									
16-60884-2									
MUDGING AND CEMENTING RECORD									
Where set		Number sacks of cement		Mud used		Kind of gravel		Amount of mud used	
2 1/2		1		1		1		1	
PLUGS AND CHAPTERS									
Floating plug - lateral		Length		Depth set					
Chapters - lateral		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			
Cable tools were used from		feet to		feet and from		feet			
DATES									
The production for the first 24 hours was		barrels of oil of which 100% was oil; 0%		Put to producing		100%			
It gas well, on ft. per 24 hours		gravity, 28.6		Gallons gasoline per 1,000 cu. ft. of gas					
EMPLOYEES									
Driller		Driller							
Driller		Driller							
FORMATION RECORD									
FROM -	TO -	TOTAL FEET		FORMATION					
100	101	1		100					
101	102	1		101					
102	103	1		102					
103	104	1		103					
104	105	1		104					
105	106	1		105					
106	107	1		106					
107	108	1		107					
108	109	1		108					
109	110	1		109					
110	111	1		110					
111	112	1		111					
112	113	1		112					
113	114	1		113					
114	115	1		114					
115	116	1		115					
116	117	1		116					
117	118	1		117					
118	119	1		118					
119	120	1		119					
120	121	1		120					
121	122	1		121					
122	123	1		122					
123	124	1		123					
124	125	1		124					
125	126	1		125					
126	127	1		126					
127	128	1		127					
128	129	1		128					
129	130	1		129					
130	131	1		130					
131	132	1		131					
132	133	1		132					
133	134	1		133					
134	135	1		134					
135	136	1		135					
136	137	1		136					
137	138	1		137					
138	139	1		138					
139	140	1		139					
140	141	1		140					
141	142	1		141					
142	143	1		142					
143	144	1		143					
144	145	1		144					
145	146	1		145					
146	147	1		146					
147	148	1		147					
148	149	1		148					
149	150	1		149					
150	151	1		150					
151	152	1		151					
152	153	1		152					
153	154	1		153					
154	155	1		154					
155	156	1		155					
156	157	1		156					
157	158	1		157					
158	159	1		158					
159	160	1		159					
160	161	1		160					
161	162	1		161					
162	163	1		162					
163	164	1		163					
164	165	1		164					
165	166	1		165					
166	167	1		166					
167	168	1		167					
168	169	1		168					
169	170	1		169					
170	171	1		170					
171	172	1		171					
172	173	1		172					
173	174	1		173					
174	175	1		174					
175	176	1		175					
176	177	1		176					
177	178	1		177					
178	179	1		178					
179	180	1		179					
180	181	1		180					
181	182	1		181					
182	183	1		182					
183	184	1		183					
184	185	1		184					
185	186	1		185					
186	187	1		186					
187	188	1		187					
188	189	1		188					
189	190	1		189					
190	191	1		190					
191	192	1		191					
192	193	1		192					
193	194	1		193					
194	195	1		194					
195	196	1		195					
196	197	1		196					
197	198	1		197					
198	199	1		198					
199	200	1		199					
200	201	1		200					
201	202	1		201					
202	203	1		202					
203	204	1		203					
204	205	1		204					
205	206	1		205					
206	207	1		206					
207	208	1		207					
208	209	1		208					
209	210	1		209					
210	211	1		210					
211	212	1		211					
212	213	1		212					
213	214	1		213					
214	215	1		214					
215	216	1		215					
216	217	1		216					
217	218	1		217					
218	219	1		218					
219	220	1		219					
220	221	1		220					
221	222	1		221					
222	223	1		222					
223	224	1		223					
224	225	1		224					
225	226	1		225					
226	227	1		226					
227	228	1		227					
228	229	1		228					
229	230	1		229					
230	231	1		230					
231	232	1		231					
232	233	1		232					
233	234	1		233					
234	235	1		234					
235	236	1		235					
236	237	1		236					
237	238	1		237					
238	239	1		238					
239	240	1		239					
240	241	1		240					
241	242	1		241					
242	243	1		242					
243	244	1		243					
244	245	1		244					
245	246	1		245					
246	247	1		246					
247	248	1		247					
248	249	1		248					
249	250	1		249					
250	251	1		250					
251	252	1		251					
252	253	1		252					
253	254	1		253					
254	255	1		254					
255	256	1		255					
256	257	1		256					
257	258	1		257					
258	259	1		258					
259	260	1		259					
260	261	1		260					
261	262	1		261					
262	263	1		262					
263	264	1		263					
264	265	1		264					
265	266	1		265					
266	267	1		266					
267	268	1		267					
268	269	1		268					
269	270	1		269					
270	271	1		270					
271	272	1		271					
272	273	1		272					
273	274	1		273					
274	275	1		274					
275	276	1		275					
276	277	1		276					
277	278	1		277					
278	279	1		278					
279	280	1		279					
280	281	1		280					
281	282	1		281					
282	283	1		282					
283	284	1		283					
284	285	1		284					
285	286	1		285					
286	287	1		286					
287	288	1		287					
288	289	1		288					
289	290	1		289					
290	291	1		290					
291	292	1		291					
292	293	1		292					
293	294	1		293					
294	295	1		294					
295	296	1		295					
296	297	1		296					
297	298	1		297					
298	299	1		298					
299	300	1		299					
300	301	1		300					
301	302	1		301					
302	303	1		302					
303	304	1		303					
304	305	1		304					
305	306	1		305					
306	307	1		306					
307	308	1		307					
308	309	1		308					
309	310	1		309					
310	311	1		310					
311	312	1		311					
312	313	1		312					
313	314	1		313					
314	315	1		314					
315	316	1		315					
316	317	1		316					
317	318	1		317					
318	319	1		318					
319	320	1		319					
320	321	1		320					
321	322	1		321					
322	323	1		322					
323	324	1		323					
324	325	1		324					
325	326	1		325					
326	327	1		326					
327	328	1		327					
328	329	1		328					
329	330	1		329					
330	331	1		330					
331	332	1		331					
332	333	1		332					
333	334	1		333					
334	335	1		334					
335	336	1		335					
336	337	1		336					
337	338	1		337					
338	339	1		338					
339	340	1		339					
340	341	1		340					
341	342	1		341					
342	343	1		342					
343	344	1		343					
344	345	1		344					
345	346	1		345					
346	347	1		346					
347	348	1		347					
348	349	1		348					
349	350	1		349					
350	351	1		350					
351	352	1		351					
352	353	1		352					
353	354	1		353					
354	355	1		354					
355	356	1		355					
356	357	1		356					
357	358	1		357					
358	359	1		358					
359	360	1		359					
360	361	1		360					
361	362	1		361					
362	363	1		362					
363	364	1		363					
364	365	1		364					
365	366	1		365					
366	367	1		366					
367	368	1		367					
368	369	1		368					
369	370	1		369					
370	371	1		370					
371	372	1		371					
372	373	1		372					
373	374	1		373					
374	375	1		374					
375	376	1		375					
376	377	1		376					
377	378	1		377					
378	379	1		378					
379	380	1		379					
380	381	1		380					
381	382	1		381					
382	383	1		382					
383	384	1		383					
384	385	1		384					
385	386	1		385					
386	387	1		386					
387	388	1		387					
388	389	1		388					
389	390	1		389					