

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office **Las Cruces**

Lease No. **029405-A**

RECEIVED
JUL 7 1953

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF
NOTICE OF INTENTION TO CHANGE PLANS	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING
NOTICE OF INTENTION TO TEST WATER SHUT-OFF	SUBSEQUENT REPORT OF ALTERING CASING
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL	SUBSEQUENT REPORT OF REDRILLING OR REPAIR
NOTICE OF INTENTION TO SHOOT OR ACIDIZE	SUBSEQUENT REPORT OF ABANDONMENT X
NOTICE OF INTENTION TO PULL OR ALTER CASING	SUPPLEMENTARY WELL HISTORY
NOTICE OF INTENTION TO ABANDON WELL	

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

Mr. Mitchell A
Well No. **19-F** is located **1980** ft. from **(N)** line and **2180** ft. from **(E)** line of sec. **19**
SUNT 400. 19 **175** **32E** **44PPN**
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Valjamar - Padlock **Lea** **New Mexico**
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is **2956** ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

On Sept. 8, 1950, we submitted notice of Temporary Abandonment with the thought that we might later deepen the well. However plugs were placed at the time suitable for permanent plugging. We now wish to permanently abandon this well. On Feb. 27, 1953, a 4" pipe marker was placed in the top of surface casing.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company **BUFFALO OIL COMPANY**

Address **ARTESIA, NEW MEXICO**

By **[Signature]**
Title **Vice President**

U. S. LAND OFFICE
SERIAL NUMBERLas Cruces
029405-A

LEASE OR

RECEIVED

SEP 11 1950

OIL CONSERVATION COMMISSION
HOSES-OFFICEUNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Buffalo Oil Company Address Artesia, New Mexico
Lessor or Tract Wm. Mitchell A Field Maljamar-Paddock State New Mexico
Well No. 19-P Sec. 19 T. 17S R. 32E Meridian NMPM County Lea
Location 1980 ft. of N Line and 2180 ft. of E Line of Section 19 Elevation 3956'
(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.

Date September 8, 1950 Signed J. H. Ellis Title Vice-President

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

Commenced drilling July 29, 1950 Finished drilling September 7, 1950

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 5277 to 85 (mostly gas) 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 5324 to 62 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—	
3 3/8" OD	36	8	Armen	72'	Guide				Surface
5 5/8" OD	28	8	Armen	141'	top of string				Intermediate
"	28	8	rd	100'	bottom of string				"
"	32	8	v	56'					"

Note: Last 3 joints of 5 5/8" casg. came off and dropped 56' down hole.

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
3 3/8" OD	86'	75	Pump		
5 5/8" OD	2490'	200-first stage 100-second stage - thru collar at 786'			

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 5362 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ 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

C. Scott _____, Driller P. S. LeBlanc _____, Driller
John Wells _____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	43	43	Surface Sand
43	700	657	Red Bed
700	810	110	Anhydrite
810	1650	840	Salt and anhydrite
1650	3120	1470	Anhydrite
3120	3410	290	Lime and anhydrite
3410	4610	1200	Lime
4610	4628	18	Lime and chert
4628	5362	734	Lime

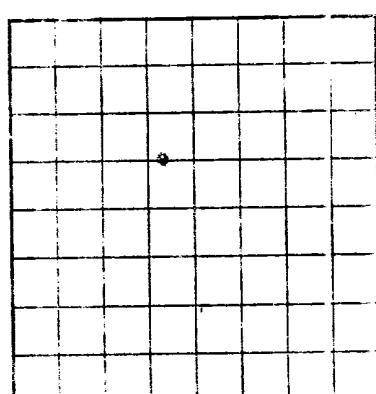
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FORMATION RECORD—CONTINUED

U. S. LAND OFFICE
BUREAU OF LANDS
WASHINGTON, D. C.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL



LOCATE WELL CORRECTLY

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 _____

Location of _____ of _____ (N. _____ W.) of _____ Line of _____ Elevation _____

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

Lessor or Tract _____

Company _____

Completed building _____
Unfinished building _____
The summary on this page is for the condition of the well as above dated _____
Date _____

OUT OR GAS SANDS OR ZONES

[illegible]

IMPOSTANT WATER STANDS

at	mod $8 \cdot 6Z$	at	mod $16 \cdot 6Z$
at	mod $4 \cdot 6Z$	at	mod $8 \cdot 6Z$

Will is not committal: Will be temporary abandoned.

Year	Weight per bushel	Threshing days	Make	Amount	Estimated cost per bushel	Factors of
1911						

1. Material _____ 2. Quantity _____ 3. Location _____ 4. Date _____ 5. Time _____ 6. Person _____ 7. Remarks _____

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BUILDING AND CONSTRUCTION

John Linn to President	John Linn	John Linn	John Linn to President	John Linn	John Linn
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BLIND AND DEAF

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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SHOOTING RECORD

[illegible]

TOOLS USED

1951	feet to	feet and from	feet to	feet and from	feet to	feet and from
1952	feet to	feet and from	feet to	feet and from	feet to	feet and from

NOTES

10	Per to producing	10
9	Per to producing	9
8	Per to producing	8
7	Per to producing	7
6	Per to producing	6
5	Per to producing	5
4	Per to producing	4
3	Per to producing	3
2	Per to producing	2
1	Per to producing	1

EMERGENCY

Driller	Driller
Driller	Driller

FORMATION RECORD

FROM-	TO-	TOTAL FEET	FORMATION
PORT #1	5235-60'	Recovered 24' dolomite and sand. Last 8'	
PORT #2	5260-85'	Recovered 24' dolomite and sand. Last 8'	
PORT #3	5285'-94'	Recovered 94' sand. porous dolomite.	
PORT #4	5294'-5308'	Recovered 14' sand.	
PORT #5	5308-204'	Recovered 12' sand.	
PORT #6	5320'-37'	Recovered 16' sand. Top 1 1/2' sand. Bottom 13' of dolomite was porous.	
PORT #7	5337-62'	Recovered 25' porous dolomite.	
PORT #1	5271-94'	Tool open 4 hours 10 min. Gas to surface in 3 min. Had strong blow of gas. Recovered 200' oil out drilling fluid and 210' mud out oil. 70 psi. 15 min. 1965 psi.	
PORT #2	5322-87'	Tool open 1 1/2 hours. Gas to surface in 55 min. Strong blow at first maintained rapidly. Recovered 50' mud out oil and 50' mud out salt water and 30' clear salt water. 77.5 psi. 15 min. SIP 870 psi.	

PARHUSPES—DIOSPYRIS NOLIVIANA I