

RECEIVED

UNITED STATES

RECEIVED

JUN 4 1962

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

JUN 6 1962

D. C. C.
ARTESIA OFFICE

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company FREN OIL COMPANY Address 106-A Texas St., El Paso, Texas
Lessor or Tract Max Friess Field Cedra Lake Abo State New Mexico
Well No. 18 Sec. 19 T. 17S. R. 3E. Meridian N.M.P.M. County Eddy
Location 1650 ft. N. of mouth Line and 3530 ft. W. of east Line of Section 19 - Elevation 3636 ft.
(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 May 31, 1962 Signed [Signature] Title Member of Partnership

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

Commenced drilling April 17, 1962 Finished drilling May 9, 1962

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 6978 ft. to 6990 ft. GAS No. 4, from 7050 ft. to 7060 ft. OIL
 No. 2, from 6998 ft. to 7004 ft. GAS No. 5, from 7052 ft. to 7066 ft. OIL
 No. 3, from 7011 ft. to 7022 ft. GAS & No. 6, from 7070 ft. to 7074 ft. OIL

IMPORTANT WATER SANDS 7076 ft.

No. 1, from _____ to _____ No. 3, from 7090 ft. to 7098 ft. oil

No. 2, from _____ to _____ No. 4, from _____ to _____

CASING RECORD

[illegible]

MUDDING AND CEMENTING RECORD

[illegible]

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 43 feet to 36 feet, and from _____ feet to _____ feet.

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

DATES

Put to producing May 11, 1962

The production for the first 24 hours was 100 barrels of fluid of which 100 % was oil; 0 %

emulsion; 5 % water; and 240 % sediment. Gravity, °Bé. 14

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

Rock pressure, lbs. per sq. in. 750 ~~1100~~ Flow Pressure on 10/64" choke

EMPLOYEES

_____, Driller

_____, Driller

FORMATION RECORD

FROM-	TO-	TOTAL FEET	FORMATION
5005	5550	165	AT THE END OF COMPLETE DRILLER'S
5550	6612	1062	ADD GEOLOGIC TOPS. STATE
6612	6948	336	WHETHER FROM EL OR SAMPLES.
6948	7135	187	
			Sand & Dolomite Dolomite with sand stringers Dolomite with shale stringers Reef dolomite <u>T.D.</u>
			<u>FORMATION TOPS:</u> Queen 2304' San Andres 3104' Grietta 4638' Tubbs 5306' Abe 6612' Abe Reef 6948'

U. S. LAND OFFICE ----- Las Cruces
SERIAL NUMBER ----- 031814
LEASE OR PERMIT TO PROSPECT -----

RECEIVED UNITED STATES
DEPARTMENT OF THE INTERIOR
JUN 4 1962
GEOLOGICAL SURVEY
U. S. GEOLOGICAL SURVEY
ARTESIAN SPRING

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company FREN OIL COMPANY Address 106th Texas St., El Paso, Texas
 Lessor or Tract Max Friess Field Cedra Lake Abo State New Mexico
 Well No. 18 Sec. 19 T. 17S. R. 11E. Meridian N.M.P.M. County ddy
 Location 1650 ft. [N.] of south line and 3530 ft. [W.] of east line of Section 19 Elevation 3636
 (Derrick base 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 John C. Engle
Date June 1, 1962 Title Member of Partnership

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

Commenced drilling January 2, 1962 Finished drilling January 24, 1962

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

(Denote gas by G)

ABO :			
No. 1, from 6913	to 6915	No. 4, from 7089	to 7150
No. 2, from 6980	to 7000	No. 5, from -----	to -----
No. 3, from 7010	to 7060	No. 6, from -----	to -----

IMPORTANT WATER SANDS

No. 1, from _____ to _____

No. 2, from _____ to _____

No. 3, 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—	
10 and 11	11	11	11	11	11	11	11	11	11
12	12	12	12	12	12	12	12	12	12
13	13	13	13	13	13	13	13	13	13
14	14	14	14	14	14	14	14	14	14
15	15	15	15	15	15	15	15	15	15
16	16	16	16	16	16	16	16	16	16
17	17	17	17	17	17	17	17	17	17
18	18	18	18	18	18	18	18	18	18
19	19	19	19	19	19	19	19	19	19
20	20	20	20	20	20	20	20	20	20
21	21	21	21	21	21	21	21	21	21
22	22	22	22	22	22	22	22	22	22
23	23	23	23	23	23	23	23	23	23
24	24	24	24	24	24	24	24	24	24
25	25	25	25	25	25	25	25	25	25
26	26	26	26	26	26	26	26	26	26
27	27	27	27	27	27	27	27	27	27
28	28	28	28	28	28	28	28	28	28
29	29	29	29	29	29	29	29	29	29
30	30	30	30	30	30	30	30	30	30
31	31	31	31	31	31	31	31	31	31
32	32	32	32	32	32	32	32	32	32
33	33	33	33	33	33	33	33	33	33
34	34	34	34	34	34	34	34	34	34
35	35	35	35	35	35	35	35	35	35
36	36	36	36	36	36	36	36	36	36
37	37	37	37	37	37	37	37	37	37
38	38	38	38	38	38	38	38	38	38
39	39	39	39	39	39	39	39	39	39
40	40	40	40	40	40	40	40	40	40
41	41	41	41	41	41	41	41	41	41
42	42	42	42	42	42	42	42	42	42
43	43	43	43	43	43	43	43	43	43
44	44	44	44	44	44	44	44	44	44
45	45	45	45	45	45	45	45	45	45
46	46	46	46	46	46	46	46	46	46
47	47	47	47	47	47	47	47	47	47
48	48	48	48	48	48	48	48	48	48
49	49	49	49	49	49	49	49	49	49
50	50	50	50	50	50	50	50	50	50
51	51	51	51	51	51	51	51	51	51
52	52	52	52	52	52	52	52	52	52
53	53	53	53	53	53	53	53	53	53
54	54	54	54	54	54	54	54	54	54
55	55	55	55	55	55	55	55	55	55
56	56	56	56	56	56	56	56	56	56
57	57	57	57	57	57	57	57	57	57
58	58	58	58	58	58	58	58	58	58
59	59	59	59	59	59	59	59	59	59
60	60	60	60	60	60	60	60	60	60
61	61	61	61	61	61	61	61	61	61
62	62	62	62	62	62	62	62	62	62
63	63	63	63	63	63	63	63	63	63
64	64	64	64	64	64	64	64	64	64
65	65	65	65	65	65	65	65	65	65
66	66	66	66	66	66	66	66	66	66
67	67	67	67	67	67	67	67	67	67
68	68	68	68	68	68	68	68	68	68
69	69	69	69	69	69	69	69	69	69
70	70	70	70	70	70	70	70	70	70
71	71	71	71	71	71	71	71	71	71
72	72	72	72	72	72	72	72	72	72
73	73	73	73	73	73	73	73	73	73
74	74	74	74	74	74	74	74	74	74
75	75	75	75	75	75	75	75	75	75
76	76	76	76	76	76	76	76	76	76
77	77	77	77	77	77	77	77	77	77
78	78	78	78	78	78	78	78	78	78
79	79	79	79	79	79	79	79	79	79
80	80	80	80	80	80	80	80	80	80
81	81	81	81	81	81	81	81	81	81
82	82	82	82	82	82	82	82	82	82
83	83	83	83	83	83	83	83	83	83
84	84	84	84	84	84	84	84	84	84
85	85	85	85	85	85	85	85	85	85
86	86	86	86	86	86	86	86	86	86
87	87	87	87	87	87	87	87	87	87
88	88	88	88	88	88	88	88	88	88
89	89	89	89	89	89	89	89	89	89
90	90	90	90	90	90	90	90	90	90
91	91	91	91	91	91	91	91	91	91
92	92	92	92	92	92	92	92	92	92
93	93	93	93	93	93	93	93	93	93
94	94	94	94	94	94	94	94	94	94
95	95	95	95	95	95	95	95	95	95
96	96	96	96	96	96	96	96	96	96
97	97	97	97	97	97	97	97	97	97
98	98	98	98	98	98	98	98	98	98
99	99	99	99	99	99	99	99	99	99
100	100	100	100	100	100	100	100	100	100

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8	139 1/4"	650	Halliburton		None

PLUGS AND ADAPTERS

Heaving plug—Material Length Depth set

Adapters—Material Size

SHOOTING RECORD

[illegible]

TOOLS USED

Rotary tools were used from 0 feet to 7150 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

D. L. Kongay	Driller	A. M. Parsley	Driller
J. E. Heltsel	Driller		Driller

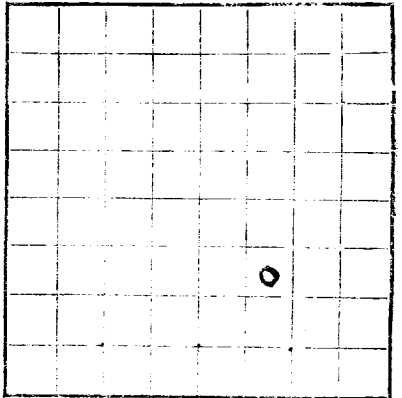
FORMATION RECORD

FROM-	TO-	TOTAL FEET	FORMATION
			AT THE END OF COMPLETE DRILLER'S LOG, ADD GEOLOGIC TOPS. STATE NUMBER FROM EL. OR SAMPLES.
0	10	10	Sand & Caliche
10	476	486	Red Beds
476	1272	796	Anhydrite & Salt
1272	2304	32	" with sandstringers
2304	2356	52	Sand
2356	3104	748	Anhydrite, Dolomite & sand stringers
3104	3215	41	White Dolomite & sand stringers
3215	3300	55	Dolomite and sand
3300	4638	338	Dolomite
4638	4670	32	Sand
4670	5310	670	Dolomite (5310-5310' - 90% sand)
5310	5760	420	Dolomite and sand stringers
5760	5890	130	" " " "
5890	6000	110	Dolomite
6000	6360	360	"
6360	6620	260	Dolomite & Chert
6620	6910	290	Dolomite & shale stringers
6910	7150	240	Dolomite - Reef -
	7150' T.D.		
			took five drill stem tests as per enclosed records. -Deviation test showed bottom of hole is 149 ft. north and 17½° east of location. (Schlumberger). Well shut in for later completion
FROM-	TO-	TOTAL FEET	FORMATION

U.S. Land Office
Serial Number
Lease or Permit to Prospect

RECEIVED
JUN 4 1962
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
UNITED STATES

LOG OF OIL OR GAS WELL



LOCATE WELL CORRECTLY

Company: W. J. G. & S. Co.
Lessor or Trust: W. J. G. & S. Co.
Well No.: 1
Location: Sec. 20, T. 15N., R. 30E., S. 40E.
Location of well: 1/4 Sec. 20, T. 15N., R. 30E., S. 40E.
Elevation: 3500
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: W. J. G. & S. Co.
Title: Owner of Interest
Date: June 1, 1962

The summary on this page is for the condition of the well at above date.
Commenced drilling: January 1, 1962
Finished drilling: January 1, 1962

OIL OR GAS SANDS OR ZONES

No. 1, from	to	No. 4, from	to
1000	1000	1000	1000
No. 2, from	to	No. 5, from	to
1000	1000	1000	1000
No. 3, from	to	No. 6, from	to
1000	1000	1000	1000

IMPORTANT WATER SANDS

No. 1, from	to	No. 3, from	to
1000	1000	1000	1000
No. 2, from	to	No. 4, from	to
1000	1000	1000	1000

CASING RECORD

Casing	Size	Weight	Threads per foot	Make	Amount	Kind of pipe	Set and cased from	Perforated	Purpose

HISTORY OF OIL OR GAS WELL

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 replaced or left in place, state the size and location. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing. of shots.

MUDDING AND CEMENTING RECORD

Casing	Size	Weight	Threads per foot	Make	Amount	Kind of pipe	Set and cased from	Perforated	Purpose

PLUGS AND ADAPTERS

Adapter—Material	Length	Depth set

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
Cable tools were used from	feet to	feet and from	feet to

DATES

The production for the first 24 hours was	% water; and	% sediment
If gas well, cu. ft. per 24 hours		
Rock pressure, lbs. per sq. in.		
Put to producing		
Barrels of fluid of which	% was oil	%
Gallons gasoline per 1,000 cu. ft. of gas		

EMPLOYEES

Driller	Driller
Driller	Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	10	10	Gravelly sand
10	15	25	Gravelly sand
15	20	35	Gravelly sand
20	25	45	Gravelly sand
25	30	55	Gravelly sand
30	35	65	Gravelly sand
35	40	75	Gravelly sand
40	45	85	Gravelly sand
45	50	95	Gravelly sand
50	55	105	Gravelly sand
55	60	115	Gravelly sand
60	65	125	Gravelly sand
65	70	135	Gravelly sand
70	75	145	Gravelly sand
75	80	155	Gravelly sand
80	85	165	Gravelly sand
85	90	175	Gravelly sand
90	95	185	Gravelly sand
95	100	195	Gravelly sand
100	105	205	Gravelly sand
105	110	215	Gravelly sand
110	115	225	Gravelly sand
115	120	235	Gravelly sand
120	125	245	Gravelly sand
125	130	255	Gravelly sand
130	135	265	Gravelly sand
135	140	275	Gravelly sand
140	145	285	Gravelly sand
145	150	295	Gravelly sand
150	155	305	Gravelly sand
155	160	315	Gravelly sand
160	165	325	Gravelly sand
165	170	335	Gravelly sand
170	175	345	Gravelly sand
175	180	355	Gravelly sand
180	185	365	Gravelly sand
185	190	375	Gravelly sand
190	195	385	Gravelly sand
195	200	395	Gravelly sand
200	205	405	Gravelly sand
205	210	415	Gravelly sand
210	215	425	Gravelly sand
215	220	435	Gravelly sand
220	225	445	Gravelly sand
225	230	455	Gravelly sand
230	235	465	Gravelly sand
235	240	475	Gravelly sand
240	245	485	Gravelly sand
245	250	495	Gravelly sand
250	255	505	Gravelly sand
255	260	515	Gravelly sand
260	265	525	Gravelly sand
265	270	535	Gravelly sand
270	275	545	Gravelly sand
275	280	555	Gravelly sand
280	285	565	Gravelly sand
285	290	575	Gravelly sand
290	295	585	Gravelly sand
295	300	595	Gravelly sand
300	305	605	Gravelly sand
305	310	615	Gravelly sand
310	315	625	Gravelly sand
315	320	635	Gravelly sand
320	325	645	Gravelly sand
325	330	655	Gravelly sand
330	335	665	Gravelly sand
335	340	675	Gravelly sand
340	345	685	Gravelly sand
345	350	695	Gravelly sand
350	355	705	Gravelly sand
355	360	715	Gravelly sand
360	365	725	Gravelly sand
365	370	735	Gravelly sand
370	375	745	Gravelly sand
375	380	755	Gravelly sand
380	385	765	Gravelly sand
385	390	775	Gravelly sand
390	395	785	Gravelly sand
395	400	795	Gravelly sand
400	405	805	Gravelly sand
405	410	815	Gravelly sand
410	415	825	Gravelly sand
415	420	835	Gravelly sand
420	425	845	Gravelly sand
425	430	855	Gravelly sand
430	435	865	Gravelly sand
435	440	875	Gravelly sand
440	445	885	Gravelly sand
445	450	895	Gravelly sand
450	455	905	Gravelly sand
455	460	915	Gravelly sand
460	465	925	Gravelly sand
465	470	935	Gravelly sand
470	475	945	Gravelly sand
475	480	955	Gravelly sand
480	485	965	Gravelly sand
485	490	975	Gravelly sand
490	495	985	Gravelly sand
495	500	995	Gravelly sand
500	505	1000	Gravelly sand