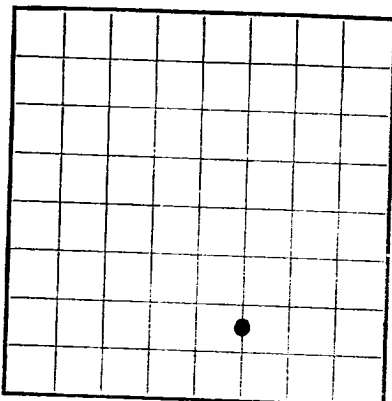


U. S. LAND OFFICE **Las Cruces**
SERIAL NUMBER **031844**
LEASE OR PERMIT TO PROSPECT **Lease**

LOCATE WELL CORRECTLY

RECEIVED

UNITED STATES

JAN 16 1962

GEOLOGICAL SURVEY

RECEIVED

JAN 17 1962

GEOLOGICAL SURVEY
OFFICE OF THE DIRECTOR

LOG OF OIL OR GAS WELL

Company **Fran Oil Company** Address **106-A Tama St., El Paso, Texas**
Lessor or Tract **Max Friess** Field **Cedar Lake Abo** State **New Mexico**
Well No. **17** Sec. **19** T. **17e.** R. **11E.** Meridian **N.M.P.M.** County **Eddy**
Location **900** ft. **N.** of **mouth** Line and **1980** ft. **W.** of **east** Line of **Section 19** Elevation **3600 D.F.**
(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

Max FriessDate **January 12, 1962**Title **Member of Partnership**

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

Commenced drilling **December 11,** 19**61** Finished drilling **December 28,** 19**61**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **6910'** to **7036' - Abo Reef** 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"	21.60	11.60	Hiscox	11.60	Chisel	Surface			Drilling
4-1/2"	11.60	11.60	Hiscox	11.60	Chisel	Surface			Drilling

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8"	1489'	572 sacks	Halliburton		cemented to surface
4-1/2"	7029'	1200 "	"		"

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
Added with 250 lbs. of Red Acid (Down)						
Perforations: 6928 to 6932, 6935 to 6939, 6942 to 6955, 6961 to 6966, 2 holes per foot						

TOOLS USED

Rotary tools were used from **surface** feet to **7036** feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

January 30, 19**61** Put to producing **January 1,** 19**62**
The production for the first 24 hours was **150** barrels of fluid of which **100** % was oil; _____ %
emulsion; _____ % water; and _____ % sediment. Gravity, °Bé. **13 on 3/4" choke.**
If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. _____

Start-up tubing pressure: 1750 lbs. - flowing pressure 900%.

EMPLOYEES

A. M. Faraley, Driller **T. R. Ticer**, Driller
D. L. Kasey, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
		300	- Drift Record 1/4"
		2084	" " - 1"
00	1517'	1517	Set 8-5/8" Casing at 1489 ft. & cemented
1517	3300	1783	drilling with gas - fine powder - samples could not be identified -
3300	3500	200	" " " " " "
3500	3715	215	Lime
3715	3938	223	Lime
3938	4215	277	Dolomite - drilling with gas
4215	4400	185	" " Drift Record - 1/4"
4400	4714	314	" " - brown sand - Dolomite
4714	5190	476	" " - 32 mesh oil to 30 mesh
5190	5427	237	" " - 32 mesh oil to 30 mesh
5427	5630	203	" " and Gray sand - 5630-50 good oil stain
5630	5770	140	" " " " " "
5770	5810	40	" " - 32 mesh oil to 30 mesh
5810	6000	190	" " - 32 mesh oil to 30 mesh
6000	6075	75	" " - 32 mesh oil to 30 mesh
6075	6225	150	Gray sand - 6040 to 6060 - oil stained - odor
6225	6390	165	Drift Record - 6075' - 2 1/2" Record - 1/4"
6390	6590	200	Dolomite and chert - 6075' to 6090'
6590	6630	40	" " - 32 mesh oil to 30 mesh
6630	6712	82	" " - 32 mesh oil to 30 mesh
	6800	88	" " - 32 mesh oil to 30 mesh

FORMATION RECORD

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

FOCUS THE MEET CORRECTLY

The information given herewith is a complete and correct record of the well and all work done thereon as far as can be determined from all available records.

Signed _____

Location 201 ft [N] of section line and 1230 ft. [W.] of T. 18 S. R. 11 E. Meridian
Well No. 17 Sec. 12 T. 18 S. R. 11 E. Meridian
Lessor or Trust _____
Company _____
Address _____
Field _____ State _____ County _____
Elevation 3100 _____
(Depth from relative to sea level)

The summary on this page is for the condition of the well at above date.
 Commenced drilling _____, 196_____.
 Finished drilling _____, 196_____.
 Title _____
 Date January 12, 196_____.
 Signed _____

OIL OR GAS SANDS OR ZONES

(Derote ass in G)

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

(Droits des 67)

IMPORTANT WATER SANDS

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

CASING RECORD

Casting	Metal used	Weight, lb.	Threads per inch	Dia. Make	Amount	Kind of shoe	Guns and shells from	Purported
Bureau								

State in detail the dates of redrilling, reasons for redrilling, and if any casing was made in the casing, state fully, and if any casing was dynamited, give date, size, position, and reasons of dynamiting. If the well was put into test for water, state date of material used, position, and reasons of balling. If balls on bottom were put into test for water, state date of material used, position, and reasons of balling. If the well was abandoned, or left in the well, give its size and location. If there were any other reasons for the work and its results. State in detail the dates of redrilling, reasons for redrilling, and if any casing was made in the casing, state fully, and if any casing was dynamited, give date, size, position, and reasons of dynamiting. If the well was put into test for water, state date of material used, position, and reasons of balling. If balls on bottom were put into test for water, state date of material used, position, and reasons of balling.

HISTORY OF THE WELL

NUDDING AND CEMENTING RECORD

Amount of mud used	Mud gravity	Method used	Number sacks of cement	Water used	Other
1000	1.25	1000	1000	1000	1000

PLUGS AND ADAPTERS

Heating and Ventilation

14. *metabol*

ORDERING INFORMATION

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
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TOOLS USED

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

DETAILS

If gas well, cu. ft. per 24 hours emulsion; and _____ % sediment The production for the first 24 hours was _____	Put to producing _____ barrels of fluid of which _____ % was oil; Gravity, °Be _____ Gallons gasoline per 1,000 cu. ft. of gas _____
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EMPLOYEES

Driller	Driller	Driller
Driller	Driller	Driller

FORMATION RECORD

FORMATION	TOTAL FEET	TO -	FROM -
Top of 6860' -	6860	6860	6860
Polite	6870	6870	6870
Polite	6880	6880	6880
Top of 6930' -	6930	6930	6930
Polite	6940	6940	6940
Top of 6970' -	6970	6970	6970
Polite	6980	6980	6980
Top of 6990' -	6990	6990	6990
Polite	7000	7000	7000
Top of 7007' -	7007	7007	7007
Polite	7010	7010	7010
Top of 7010' -	7010	7010	7010
Polite	7020	7020	7020
Top of 7020' -	7020	7020	7020
Polite	7030	7030	7030
Top of 7030' -	7030	7030	7030
Polite	7040	7040	7040
Top of 7040' -	7040	7040	7040
Polite	7050	7050	7050
Top of 7050' -	7050	7050	7050
Polite	7060	7060	7060
Top of 7060' -	7060	7060	7060
Polite	7070	7070	7070
Top of 7070' -	7070	7070	7070
Polite	7080	7080	7080
Top of 7080' -	7080	7080	7080
Polite	7090	7090	7090
Top of 7090' -	7090	7090	7090
Polite	7100	7100	7100
Top of 7100' -	7100	7100	7100
Polite	7110	7110	7110
Top of 7110' -	7110	7110	7110
Polite	7120	7120	7120
Top of 7120' -	7120	7120	7120
Polite	7130	7130	7130
Top of 7130' -	7130	7130	7130
Polite	7140	7140	7140
Top of 7140' -	7140	7140	7140
Polite	7150	7150	7150
Top of 7150' -	7150	7150	7150
Polite	7160	7160	7160
Top of 7160' -	7160	7160	7160
Polite	7170	7170	7170
Top of 7170' -	7170	7170	7170
Polite	7180	7180	7180
Top of 7180' -	7180	7180	7180
Polite	7190	7190	7190
Top of 7190' -	7190	7190	7190
Polite	7200	7200	7200
Top of 7200' -	7200	7200	7200
Polite	7210	7210	7210
Top of 7210' -	7210	7210	7210
Polite	7220	7220	7220
Top of 7220' -	7220	7220	7220
Polite	7230	7230	7230
Top of 7230' -	7230	7230	7230
Polite	7240	7240	7240
Top of 7240' -	7240	7240	7240
Polite	7250	7250	7250
Top of 7250' -	7250	7250	7250
Polite	7260	7260	7260
Top of 7260' -	7260	7260	7260
Polite	7270	7270	7270
Top of 7270' -	7270	7270	7270
Polite	7280	7280	7280
Top of 7280' -	7280	7280	7280
Polite	7290	7290	7290
Top of 7290' -	7290	7290	7290
Polite	7300	7300	7300
Top of 7300' -	7300	7300	7300
Polite	7310	7310	7310
Top of 7310' -	7310	7310	7310
Polite	7320	7320	7320
Top of 7320' -	7320	7320	7320
Polite	7330	7330	7330
Top of 7330' -	7330	7330	7330
Polite	7340	7340	7340
Top of 7340' -	7340	7340	7340
Polite	7350	7350	7350
Top of 7350' -	7350	7350	7350
Polite	7360	7360	7360
Top of 7360' -	7360	7360	7360
Polite	7370	7370	7370
Top of 7370' -	7370	7370	7370
Polite	7380	7380	7380
Top of 7380' -	7380	7380	7380
Polite	7390	7390	7390
Top of 7390' -	7390	7390	7390
Polite	7400	7400	7400
Top of 7400' -	7400	7400	7400
Polite	7410	7410	7410
Top of 7410' -	7410	7410	7410
Polite	7420	7420	7420
Top of 7420' -	7420	7420	7420
Polite	7430	7430	7430
Top of 7430' -	7430	7430	7430
Polite	7440	7440	7440
Top of 7440' -	7440	7440	7440
Polite	7450	7450	7450
Top of 7450' -	7450	7450	7450
Polite	7460	7460	7460
Top of 7460' -	7460	7460	7460
Polite	7470	7470	7470
Top of 7470' -	7470	7470	7470
Polite	7480	7480	7480
Top of 7480' -	7480	7480	7480
Polite	7490	7490	7490
Top of 7490' -	7490	7490	7490
Polite	7500	7500	7500
Top of 7500' -	7500	7500	7500
Polite	7510	7510	7510
Top of 7510' -	7510	7510	7510
Polite	7520	7520	7520
Top of 7520' -	7520	7520	7520
Polite	7530	7530	7530
Top of 7530' -	7530	7530	7530
Polite	7540	7540	7540
Top of 7540' -	7540	7540	7540
Polite	7550	7550	7550
Top of 7550' -	7550	7550	7550
Polite	7560	7560	7560
Top of 7560' -	7560	7560	7560
Polite	7570	7570	7570
Top of 7570' -	7570	7570	7570
Polite	7580	7580	7580
Top of 7580' -	7580	7580	7580
Polite	7590	7590	7590
Top of 7590' -	7590	7590	7590
Polite	7600	7600	7600
Top of 7600' -	7600	7600	7600
Polite	7610	7610	7610
Top of 7610' -	7610	7610	7610
Polite	7620	7620	7620
Top of 7620' -	7620	7620	7620
Polite	7630	7630	7630
Top of 7630' -	7630	7630	7630
Polite	7640	7640	7640
Top of 7640' -	7640	7640	7640
Polite	7650	7650	7650
Top of 7650' -	7650	7650	7650
Polite	7660	7660	7660
Top of 7660' -	7660	7660	7660
Polite	7670	7670	7670
Top of 7670' -	7670	7670	7670
Polite	7680	7680	7680
Top of 7680' -	7680	7680	7680
Polite	7690	7690	7690
Top of 7690' -	7690	7690	7690
Polite	7700	7700	7700
Top of 7700' -	7700	7700	7700
Polite	7710	7710	7710
Top of 7710' -	7710	7710	7710
Polite	7720	7720	7720
Top of 7720' -	7720	7720	7720
Polite	7730	7730	7730
Top of 7730' -	7730	7730	7730
Polite	7740	7740	7740
Top of 7740' -	7740	7740	7740
Polite	7750	7750	7750
Top of 7750' -	7750	7750	7750
Polite	7760	7760	7760
Top of 7760' -	7760	7760	7760
Polite	7770	7770	7770
Top of 7770' -	7770	7770	7770
Polite	7780	7780	7780
Top of 7780' -	7780	7780	7780
Polite	7790	7790	7790
Top of 7790' -	7790	7790	7790
Polite	7800	7800	7800
Top of 7800' -	7800	7800	7800
Polite	7810	7810	7810
Top of 7810' -	7810	7810	7810
Polite	7820	7820	7820
Top of 7820' -	7820	7820	7820
Polite	7830	7830	7830
Top of 7830' -	7830	7830	7830
Polite	7840	7840	7840
Top of 7840' -	7840	7840	7840
Polite	7850	7850	7850
Top of 7850' -	7850	7850	7850
Polite	7860	7860	7860
Top of 7860' -	7860	7860	7860
Polite	7870	7870	7870
Top of 7870' -	7870	7870	7870
Polite	7880	7880	7880
Top of 7880' -	7880	7880	7880
Polite	7890	7890	7890
Top of 7890' -	7890	7890	7890
Polite	7900	7900	7900
Top of 7900' -	7900	7900	7900
Polite	7910	7910	7910
Top of 7910' -	7910	7910	7910
Polite	7920	7920	7920
Top of 7920' -	7920	7920	7920
Polite	7930	7930	7930
Top of 7930' -	7930	7930	7930
Polite	7940	7940	7940
Top of 7940' -	7940	7940	7940
Polite	7950	7950	7950
Top of 7950' -	7950	7950	7950
Polite	7960	7960	7960
Top of 7960' -	7960	7960	7960
Polite	7970	7970	7970
Top of 7970' -	7970	7970	7970
Polite	7980	7980	7980
Top of 7980' -	7980	7980	7980
Polite	7990	7990	7990
Top of 7990' -	7990	7990	7990
Polite	8000	8000	8000
Top of 8000' -	8000	8000	8000
Polite	8010	8010	8010
Top of 8010' -	8010	8010	8010
Polite	8020	8020	8020
Top of 8020' -	8020	8020	8020
Polite	8030	8030	8030
Top of 8030' -	8030	8030	8030
Polite	8040	8040	8040
Top of 8040' -	8040	8040	8040
Polite	8050	8050	8050
Top of 8050' -	8050	8050	8050
Polite	8060	8060	8060
Top of 8060' -	8060	8060	8060
Polite	8070	8070	8070
Top of 8070' -	8070	8070	8070
Polite	8080	8080	8080
Top of 8080' -	8080	8080	8080
Polite	8090	8090	8090
Top of 8090' -	8090	8090	8090
Polite	8100	8100	8100
Top of 8100' -	8100	8100	8100
Polite	8110	8110	8110
Top of 8110' -	8110	8110	8110
Polite	8120	8120	8120
Top of 8120' -	8120	8120	8120
Polite	8130	8130	8130
Top of 8130' -	8130	8130	8130
Polite	8140	8140	8140
Top of 8140' -	8140	8140	8140
Polite	8150	8150	8150
Top of 8150' -	8150	8150	8150
Polite	8160	8160	8160
Top of 8160' -	8160	8160	8160
Polite	8170	8170	8170
Top of 8170' -	8170	8170	8170
Polite	8180	8180	8180
Top of 8180' -	8180	8180	8180
Polite	8190	8190	8190
Top of 8190' -	8190	8190	8190
Polite	8200	8200	8200
Top of 8200' -	8200	8200	8200
Polite	8210	8210	8210
Top of 8210' -	8210	8210	8210
Polite	8220	8220	8220
Top of 8220' -	8220	8220	8220
Polite	8230	8230	8230
Top of 8230' -	8230	8230	8230
Polite	8240	8240	8240
Top of 8240' -	8240	8240	8240
Polite	8250	8250	8250
Top of 8250' -	8250	8250	8250
Polite	8260	8260	8260
Top of 8260' -	8260	8260	8260
Polite	8270	8270	8270
Top of 8270' -	8270	8270	8270
Polite	8280	8280	8280
Top of 8280' -	8280	8280	8280
Polite	8290	8290	8290
Top of 8290' -	8290	8290	8290
Polite	8300	8300	8300
Top of 8300' -	8300	8300	8300
Polite	8310	8310	8310
Top of 8310' -	8310	8310	8310
Polite	8320	8320	8320
Top of 8320' -	8320	8320	8320
Polite	8330	8330	8330
Top of 8330' -	8330	8330	8330
Polite	8340	8340	8340
Top of 8340' -	8340	8340	8340
Polite	8350	8350	8350
Top of 8350' -	8350	8350	8350
Polite	8360	8360	8360
Top of 8360' -	8360	8360	8360
Polite	8370	8370	8370
Top of 8370' -	8370	8370	8370
Polite	8380	8380	8380
Top of 8380' -	8380	8380	8380
Polite	8390	8390	8390
Top of 8390' -	8390	8390	8390
Polite	8400	8400	8400
Top of 8400' -	8400	8400	8400
Polite	8410	8410	8410
Top of 8410' -	8410	8410	8410
Polite	8420	8420	8420
Top of 8420' -	8420	8420	8420
Polite	8430	8430	8430
Top of 8430' -	8430	8430	8430
Polite	8440	8440	8440
Top of 8440' -	8440	8	

FORMATION RECORD CONTINUED