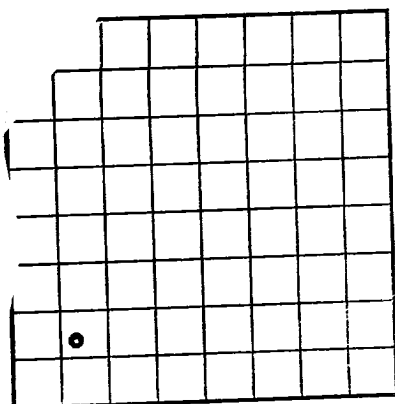
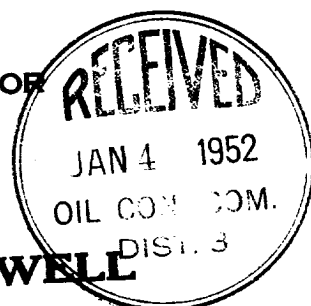


U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 047020-b
LEASE OR PERMIT TO PROSPECT _____



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY



LOG OF OIL OR GAS WELL

Company Congress Oil Company Address 1104 Burt Bldg., Dallas 1, Texas
Lessor or Tract Garland Field Falcher-Kutz State New Mexico
Well No. 1-B Sec 27 T. 29N R. 11W Meridian N.M.P.M. County San Juan
Location 990 ft. N. of 8 Line and 990 ft. E. of W Line of section 27 Elevation 5526
(Derivation 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 Van Thompson

Title _____

Date January 2, 1952

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

Commenced drilling November 30, 1951, 19____ Finished drilling December 15, 19 51

OIL OR GAS SANDS OR ZONES
(Denote gas by G)

No. 1, from 1648 to 1740 G 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—	
<u>8-5/8"</u>	<u>32</u>		<u>H&O</u>	<u>128'</u>					<u>Surface Production</u>
<u>5-1/2"</u>	<u>24</u>		<u>H&O</u>	<u>1678'</u>					
<u>1"</u>				<u>1723'</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>128'</u>	<u>70</u>	<u>Halliburton</u>		
<u>5-1/2"</u>	<u>1653'</u>	<u>222 76</u>			

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
	<u>Shot with 200 quarts nitro</u>		<u>200</u>	<u>12/12</u>	<u>1747-1664</u>	<u>1747</u>

TOOLS USED

Rotary tools were used from 0 feet to 1747 feet, and from _____ feet to _____ feet
Cable tools were used from to complete sand well only feet, and from _____ feet to _____ feet

DATES

December 15, 19 51 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 1100 MCF Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. 3307

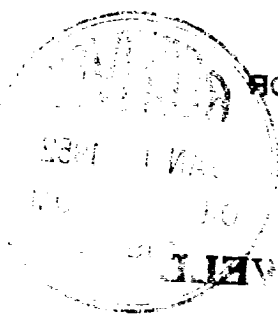
EMPLOYEES

Donnan Drilling Company, Contractor Driller Mike Gromley (SUG)
_____, Driller

FORMATION RECORD

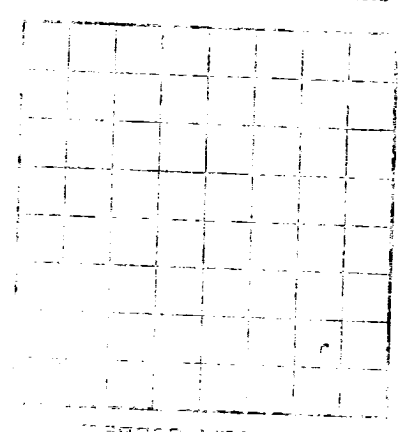
FORMATION		TOTAL FEET	FORMATION
FROM—	TO—		
<u>0</u>	<u>35</u>	<u>35</u>	<u>Sand</u>
<u>35</u>	<u>90</u>	<u>55</u>	<u>Rock bed</u>
<u>90</u>	<u>135</u>	<u>45</u>	<u>Sand</u>
<u>135</u>	<u>575</u>	<u>440</u>	<u>Sand and shale</u>
<u>575</u>	<u>655</u>	<u>80</u>	<u>Alamo</u>
<u>655</u>	<u>750</u>	<u>105</u>	<u>Shale</u>
<u>750</u>	<u>1430</u>	<u>680</u>	<u>Sand and shale</u>
<u>1430</u>	<u>1645</u>	<u>215</u>	<u>Sand, shale and coal</u>
<u>1645</u>	<u>1747 T.D.</u>	<u>101</u>	<u>Sand</u>

FORMATION TOPS
Top Pictured Cliffs - 1648'



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL



LOCATION WITH CORRELATION
Company
Name of Well
Date January 2, 1932
The well was drilled by the
so far as the record shows.

Depth of Well in Feet
100.0
150.0
200.0
250.0
300.0
350.0
400.0
450.0
500.0
550.0
600.0
650.0
700.0
750.0
800.0
850.0
900.0
950.0
1000.0
1050.0
1100.0
1150.0
1200.0
1250.0
1300.0
1350.0
1400.0
1450.0
1500.0
1550.0
1600.0
1650.0
1700.0
1750.0
1800.0
1850.0
1900.0
1950.0
2000.0
2050.0
2100.0
2150.0
2200.0
2250.0
2300.0
2350.0
2400.0
2450.0
2500.0
2550.0
2600.0
2650.0
2700.0
2750.0
2800.0
2850.0
2900.0
2950.0
3000.0
3050.0
3100.0
3150.0
3200.0
3250.0
3300.0
3350.0
3400.0
3450.0
3500.0
3550.0
3600.0
3650.0
3700.0
3750.0
3800.0
3850.0
3900.0
3950.0
4000.0
4050.0
4100.0
4150.0
4200.0
4250.0
4300.0
4350.0
4400.0
4450.0
4500.0
4550.0
4600.0
4650.0
4700.0
4750.0
4800.0
4850.0
4900.0
4950.0
5000.0
5050.0
5100.0
5150.0
5200.0
5250.0
5300.0
5350.0
5400.0
5450.0
5500.0
5550.0
5600.0
5650.0
5700.0
5750.0
5800.0
5850.0
5900.0
5950.0
6000.0
6050.0
6100.0
6150.0
6200.0
6250.0
6300.0
6350.0
6400.0
6450.0
6500.0
6550.0
6600.0
6650.0
6700.0
6750.0
6800.0
6850.0
6900.0
6950.0
7000.0
7050.0
7100.0
7150.0
7200.0
7250.0
7300.0
7350.0
7400.0
7450.0
7500.0
7550.0
7600.0
7650.0
7700.0
7750.0
7800.0
7850.0
7900.0
7950.0
8000.0
8050.0
8100.0
8150.0
8200.0
8250.0
8300.0
8350.0
8400.0
8450.0
8500.0
8550.0
8600.0
8650.0
8700.0
8750.0
8800.0
8850.0
8900.0
8950.0
9000.0
9050.0
9100.0
9150.0
9200.0
9250.0
9300.0
9350.0
9400.0
9450.0
9500.0
9550.0
9600.0
9650.0
9700.0
9750.0
9800.0
9850.0
9900.0
9950.0
10000.0

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 "detached" 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 pulling.

FROM	TO	TOTAL FEET	FORMATION
0	10	10	Gravel
10	20	20	Gravel
20	30	30	Gravel
30	40	40	Gravel
40	50	50	Gravel
50	60	60	Gravel
60	70	70	Gravel
70	80	80	Gravel
80	90	90	Gravel
90	100	100	Gravel
100	110	110	Gravel
110	120	120	Gravel
120	130	130	Gravel
130	140	140	Gravel
140	150	150	Gravel
150	160	160	Gravel
160	170	170	Gravel
170	180	180	Gravel
180	190	190	Gravel
190	200	200	Gravel
200	210	210	Gravel
210	220	220	Gravel
220	230	230	Gravel
230	240	240	Gravel
240	250	250	Gravel
250	260	260	Gravel
260	270	270	Gravel
270	280	280	Gravel
280	290	290	Gravel
290	300	300	Gravel
300	310	310	Gravel
310	320	320	Gravel
320	330	330	Gravel
330	340	340	Gravel
340	350	350	Gravel
350	360	360	Gravel
360	370	370	Gravel
370	380	380	Gravel
380	390	390	Gravel
390	400	400	Gravel
400	410	410	Gravel
410	420	420	Gravel
420	430	430	Gravel
430	440	440	Gravel
440	450	450	Gravel
450	460	460	Gravel
460	470	470	Gravel
470	480	480	Gravel
480	490	490	Gravel
490	500	500	Gravel
500	510	510	Gravel
510	520	520	Gravel
520	530	530	Gravel
530	540	540	Gravel
540	550	550	Gravel
550	560	560	Gravel
560	570	570	Gravel
570	580	580	Gravel
580	590	590	Gravel
590	600	600	Gravel
600	610	610	Gravel
610	620	620	Gravel
620	630	630	Gravel
630	640	640	Gravel
640	650	650	Gravel
650	660	660	Gravel
660	670	670	Gravel
670	680	680	Gravel
680	690	690	Gravel
690	700	700	Gravel
700	710	710	Gravel
710	720	720	Gravel
720	730	730	Gravel
730	740	740	Gravel
740	750	750	Gravel
750	760	760	Gravel
760	770	770	Gravel
770	780	780	Gravel
780	790	790	Gravel
790	800	800	Gravel
800	810	810	Gravel
810	820	820	Gravel
820	830	830	Gravel
830	840	840	Gravel
840	850	850	Gravel
850	860	860	Gravel
860	870	870	Gravel
870	880	880	Gravel
880	890	890	Gravel
890	900	900	Gravel
900	910	910	Gravel
910	920	920	Gravel
920	930	930	Gravel
930	940	940	Gravel
940	950	950	Gravel
950	960	960	Gravel
960	970	970	Gravel
970	980	980	Gravel
980	990	990	Gravel
990	1000	1000	Gravel