

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER F 075211
LEASE OR PERMIT TO PROSPECT

Section
31

RECEIVED
MAY 17 1961 DE
OIL

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Southern Union Production Co. Address P. O. Box 600-Turkey, N.M.
Lessor or Tract Faliaferro Field Basin-Wanota State New Mexico
Well No. 2 Sec. 31 T. 31N R. 12W Meridian N.M.P.M. County San Juan
Location 970 ft. [N] of 5 Line and 970 ft. [E] of W Line of Section 31 Elevation 5902

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 Gilbert D. Roland Jr.
Gilbert D. Roland, Jr.
Title Deputy Assistant Attorney General

Date May 12, 1961

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

Commenced drilling March 9 19 61 Finished drilling March 31 19 61

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

No. 1, from U. 6606 to 6684 1st. Kd. No. 4, from _____ to _____
 No. 2, from U. 6710 to 6744 2nd. Kd. No. 5, from _____ to _____
 No. 3, from U. 6752 to 6780 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—	
3-5/8	32.00	8rd.	B-10	204					
4-1/2	11.60	8rd.	A-55	1097.56					
4-1/2	5.50	8rd.	A-55	5991.60					

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8	264 ft.	190 sk. 4 1/2 c.c.	1. d. service		
4 1/2	6882.15 ft.	350 c. ft. 1-1 1/2 in. 1/2	4 1/2 gal.	540 c. ft.	10% liacel 1" 2 1/2 c.c.
1 1/2	6692 ft.				

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
Perf. 4 shots/ft.	6660-6663; 0710-0714 & 0724-0726	after spotting	25	also 10	also	
Trace w/ 57, 50	20-40 sand	47, 700	also water in	33	EP	

TOOLS USED

Rotary tools were used from 6682 feet to 6682 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

April 4, 1961 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 ~~1,000~~ Gallons gasoline per 1,000 cu. ft. of gas

Rock pressure, lbs. per sq. in. 1980/5107 = 3.87 days.

NAME 2,572 EMPLOYEES
 Warner Bros. Film Co., Driller W. F. House, Driller
 U. L. Wright, Driller J. J. Brandon, Driller

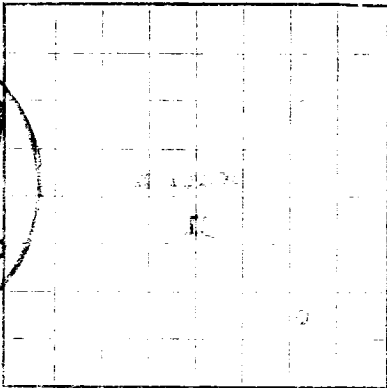
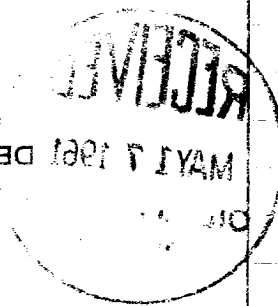
FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
-0-	265	263	Surface sands
265	510	245	Tertiary sands & shales
510	1908	1398	sands & shales
1908	2110	202	sands, shales, coals
2110	2260	150	sand & sandy shale
2260	3690	1430	shale
3690	4530	840	sands, shales, coals
4530	4610	80	sand & shaly sand
4610	6520	1710	shale & siltstone
6520	6660	140	calcareous shale & silty shale
6660	6804	224	sand, shale stringers
			TOPS: Kirtland 510
			Pict.Cliff 2110
			Fruitland 1908
			Cliffhouse 3690
			Pt. Lookout 5765
			Gallup 5765
			Ortendorf 6538
			Sakota 6665
			Horison 6802

PLEASE PRINT NAME OF PROSPECT
Serial Number
U.S. LAND OFFICE

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL



LOCATE WELL CORRECTLY

Company
Lessor or Trust
Well No.
Location
The information given herein is a complete and correct record of the well and all work done thereon
so far as can be determined from all reliable records.

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

Commenced drilling
Finished casing

OIL OR GAS SANDS OR ZONES

No. 1 from
No. 2 from
No. 3 from

IMPORTANT WATER SANDS

No. 1 from
No. 2 from

CASING RECORD

Size casing	Weight per foot	Threads per inch	Mark	Amount	Kind of shoe	Set and pulled from	Performed	Purpose
							From	To

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 "struck" 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 for water, state kind of material used, position, and results of pumping or bailing.

HISTORY OF OIL OR GAS WELL

MUDDING AND CEMENTING RECORD

Size casing	Weight per foot	Threads per inch	Mark	Amount	Kind of shoe	Set and pulled from	Performed	Purpose
							From	To

PLUGS AND ADAPTERS

Plugging plug
Adapter

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Depth of shot	Depth cleaned out

TOOLS USED

Rotary tools were used from
Cable tools were used from

DATES

The production for the first 24 hours was
emulsion; 1% water; and 2% sediment.
It was 100% oil for the first 24 hours.
Block pressure has not been determined.

FORMATION RECORD

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