



NOTED
SEP 18 1962
HUBBLE

COPY TO O. C. C.
U. S. LAND OFFICE **Santa Fe**
HOBBS SERIAL NUMBER **LC-065649**
LEASE OR PERMIT TO PROSPECT
NE/4 SE/4 Sec. 5
T-20South, R-35E

UNITED STATES

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Southern Union Production Company Address 1434 Fidelity Union Tower
Dallas, Texas
Lessor or Tract Federal Saunders Field Pearl Queen State New Mexico
Well No. 8 Sec. 5 T. 20-S R. 35-E Meridian NMPM County Lea
Location 1980 ft. ^[N.] of 330 ft. ^[W.] of E Line of Section 5 Elevation 3668.3
(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 Wesley M. Swanson
Wesley Swanson Title Field Foreman

Date September 14, 1962

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

Commenced drilling 2-27-62, 19... Finished drilling 3-15-62, 19...

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from Cored 4940 to 4990' (NS) No. 4, from _____ to _____
No. 2, from 4940 to 5040' (NS) 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>J-55</u>	<u>185</u>					<u>Surface Production</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>200</u> <u>185'</u>	<u>150</u>			<u>Surface Production</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>None</u>	<u>acidized w/336 gals MA</u>				

TOOLS USED

Rotary tools were used from 0 feet to 5040' feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

March 16, 1962, 19... Put to producing Plugged and Abandoned
The production for the first 24 hours was P&A barrels of fluid of which _____% was oil; _____% emulsion; _____% water; and _____% sediment. Gravity, °Bé. _____
If gas well, cu. ft. per 24 hours P&A Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. _____

EMPLOYEES

Cactus Drilling Company, Driller Lincoln Wall, Driller
B. E. Thomas, Driller G. D. Pettigrew, Driller

FORMATION RECORD

FROM-	TO-	TOTAL FEET	FORMATION
<u>0-</u>	<u>1980</u>	<u>1980</u>	<u>Red bed and shale</u>
<u>1980</u>	<u>3616</u>	<u>1636</u>	<u>Anhy and salt</u>
<u>3616</u>	<u>4160</u>	<u>544</u>	<u>Anhy and sand</u>
<u>4160</u>	<u>4290</u>	<u>130</u>	<u>Sandy lime</u>
<u>4290</u>	<u>4523</u>	<u>233</u>	<u>Dolomite</u>
<u>4523</u>	<u>4562</u>	<u>39</u>	<u>Lime</u>
<u>4562</u>	<u>4940</u>	<u>378</u>	<u>Dolomite w/shale, sand stringers</u>
<u>4940</u>	<u>5040</u>	<u>100</u>	<u>Dolomite w/sand stringers</u>
<u>5040</u>	<u>TD</u>		

Plugged and Abandoned 3-16-62

TOPS: Anhy 1925'
Yates 3754'
7-Rivers 3972'
Queen 4627'

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION
			LOGS: 1-10-20, 1-10-20, 1-10-20, 1-10-20
4625	4644	19	LOGS: 1-10-20, 1-10-20, 1-10-20, 1-10-20
4644	4663	19	LOGS: 1-10-20, 1-10-20, 1-10-20, 1-10-20
4663	4682	19	LOGS: 1-10-20, 1-10-20, 1-10-20, 1-10-20
4682	4701	19	LOGS: 1-10-20, 1-10-20, 1-10-20, 1-10-20
4701	4720	19	LOGS: 1-10-20, 1-10-20, 1-10-20, 1-10-20
4720	4739	19	LOGS: 1-10-20, 1-10-20, 1-10-20, 1-10-20
4739	4758	19	LOGS: 1-10-20, 1-10-20, 1-10-20, 1-10-20
4758	4777	19	LOGS: 1-10-20, 1-10-20, 1-10-20, 1-10-20
4777	4796	19	LOGS: 1-10-20, 1-10-20, 1-10-20, 1-10-20
4796	4815	19	LOGS: 1-10-20, 1-10-20, 1-10-20, 1-10-20
4815	4834	19	LOGS: 1-10-20, 1-10-20, 1-10-20, 1-10-20
4834	4853	19	LOGS: 1-10-20, 1-10-20, 1-10-20, 1-10-20
4853	4872	19	LOGS: 1-10-20, 1-10-20, 1-10-20, 1-10-20
4872	4891	19	LOGS: 1-10-20, 1-10-20, 1-10-20, 1-10-20
4891	4910	19	LOGS: 1-10-20, 1-10-20, 1-10-20, 1-10-20
4910	4929	19	LOGS: 1-10-20, 1-10-20, 1-10-20, 1-10-20
4929	4948	19	LOGS: 1-10-20, 1-10-20, 1-10-20, 1-10-20
4948	4967	19	LOGS: 1-10-20, 1-10-20, 1-10-20, 1-10-20
4967	4986	19	LOGS: 1-10-20, 1-10-20, 1-10-20, 1-10-20
4986	5005	19	LOGS: 1-10-20, 1-10-20, 1-10-20, 1-10-20
5005	5024	19	LOGS: 1-10-20, 1-10-20, 1-10-20, 1-10-20
5024	5043	19	LOGS: 1-10-20, 1-10-20, 1-10-20, 1-10-20
5043	5062	19	LOGS: 1-10-20, 1-10-20, 1-10-20, 1-10-20
5062	5081	19	LOGS: 1-10-20, 1-10-20, 1-10-20, 1-10-20
5081	5100	19	LOGS: 1-10-20, 1-10-20, 1-10-20, 1-10-20
5100	5119	19	LOGS: 1-10-20, 1-10-20, 1-10-20, 1-10-20
5119	5138	19	LOGS: 1-10-20, 1-10-20, 1-10-20, 1-10-20
5138	5157	19	LOGS: 1-10-20, 1-10-20, 1-10-20, 1-10-20
5157	5176	19	LOGS: 1-10-20, 1-10-20, 1-10-20, 1-10-20
5176	5195	19	LOGS: 1-10-20, 1-10-20, 1-10-20, 1-10-20
5195	5214	19	LOGS: 1-10-20, 1-10-20, 1-10-20, 1-10-20
5214	5233	19	LOGS: 1-10-20, 1-10-20, 1-10-20, 1-10-20
5233	5252	19	LOGS: 1-10-20, 1-10-20, 1-10-20, 1-10-20
5252	5271	19	LOGS: 1-10-20, 1-10-20, 1-10-20, 1-10-20
5271	5290	19	LOGS: 1-10-20, 1-10-20, 1-10-20, 1-10-20
5290	5309	19	LOGS: 1-10-20, 1-10-20, 1-10-20, 1-10-20
5309	5328	19	LOGS: 1-10-20, 1-10-20, 1-10-20, 1-10-20
5328	5347	19	LOGS: 1-10-20, 1-10-20, 1-10-20, 1-10-20
5347	5366	19	LOGS: 1-10-20, 1-10-20, 1-10-20, 1-10-20
5366	5385	19	LOGS: 1-10-20, 1-10-20, 1-10-20, 1-10-20
5385	5404	19	LOGS: 1-10-20, 1-10-20, 1-10-20, 1-10-20
5404	5423	19	LOGS: 1-10-20, 1-10-20, 1-10-20, 1-10-20
5423	5442	19	LOGS: 1-10-20, 1-10-20, 1-10-20, 1-10-20
5442	5461	19	LOGS: 1-10-20, 1-10-20, 1-10-20, 1-10-20
5461	5480	19	LOGS: 1-10-20, 1-10-20, 1-10-20, 1-10-20
5480	5499	19	LOGS: 1-10-20, 1-10-20, 1-10-20, 1-10-20
5499	5518	19	LOGS: 1-10-20, 1-10-20, 1-10-20, 1-10-20
5518	5537	19	LOGS: 1-10-20, 1-10-20, 1-10-20, 1-10-20
5537	5556	19	LOGS: 1-10-20, 1-10-20, 1-10-20, 1-10-20
5556	5575	19	LOGS: 1-10-20, 1-10-20, 1-10-20, 1-10-20
5575	5594	19	LOGS: 1-10-20, 1-10-20, 1-10-20, 1-10-20
5594	5613	19	LOGS: 1-10-20, 1-10-20, 1-10-20, 1-10-20
5613	5632	19	LOGS: 1-10-20, 1-10-20, 1-10-20, 1-10-20
5632	5651	19	LOGS: 1-10-20, 1-10-20, 1-10-20, 1-10-20
5651	5670	19	LOGS: 1-10-20, 1-10-20, 1-10-20, 1-10-20
5670	5689	19	LOGS: 1-10-20, 1-10-20, 1-10-20, 1-10-20
5689	5708	19	LOGS: 1-10-20, 1-10-20, 1-10-20, 1-10-20
5708	5727	19	LOGS: 1-10-20, 1-10-20, 1-10-20, 1-10-20
5727	5746	19	LOGS: 1-10-20, 1-10-20, 1-10-20, 1-10-20
5746	5765	19	LOGS: 1-10-20, 1-10-20, 1-10-20, 1-10-20
5765	5784	19	LOGS: 1-10-20, 1-10-20, 1-10-20, 1-10-20
5784	5803	19	LOGS: 1-10-20, 1-10-20, 1-10-20, 1-10-20
5803	5822	19	LOGS: 1-10-20, 1-10-20, 1-10-20, 1-10-20
5822	5841	19	LOGS: 1-10-20, 1-10-20, 1-10-20, 1-10-20
5841	5860	19	LOGS: 1-10-20, 1-10-20, 1-10-20, 1-10-20
5860	5879	19	LOGS: 1-10-20, 1-10-20, 1-10-20, 1-10-20
5879	5898	19	LOGS: 1-10-20, 1-10-20, 1-10-20, 1-10-20
5898	5917	19	LOGS: 1-10-20, 1-10-20, 1-10-20, 1-10-20
5917	5936	19	LOGS: 1-10-20, 1-10-20, 1-10-20, 1-10-20
5936	5955	19	LOGS: 1-10-20, 1-10-20, 1-10-20, 1-10-20
5955	5974	19	LOGS: 1-10-20, 1-10-20, 1-10-20, 1-10-20
5974	5993	19	LOGS: 1-10-20, 1-10-20, 1-10-20, 1-10-20
5993	6012	19	LOGS: 1-10-20, 1-10-20, 1-10-20, 1-10-20
6012	6031	19	LOGS: 1-10-20, 1-10-20, 1-10-20, 1-10-20
6031	6050	19	LOGS: 1-10-20, 1-10-20, 1-10-20, 1-10-20
6050	6069	19	LOGS: 1-10-20, 1-10-20, 1-10-20, 1-10-20
6069	6088	19	LOGS: 1-10-20, 1-10-20, 1-10-20, 1-10-20
6088	6107	19	LOGS: 1-10-20, 1-10-20, 1-10-20, 1-10-20
6107	6126	19	LOGS: 1-10-20, 1-10-20, 1-10-20, 1-10-20
6126	6145	19	LOGS: 1-10-20, 1-10-20, 1-10-20, 1-10-20
6145	6164	19	LOGS: 1-10-20, 1-10-20, 1-10-20, 1-10-20
6164	6183	19	LOGS: 1-10-20, 1-10-20, 1-10-20, 1-10-20
6183	6202	19	LOGS: 1-10-20, 1-10-20, 1-10-20, 1-10-20
6202	6221	19	LOGS: 1-10-20, 1-10-20, 1-10-20, 1-10-20
6221	6240	19	LOGS: 1-10-20, 1-10-20, 1-10-20, 1-10-20
6240	6259	19	LOGS: 1-10-20, 1-10-20, 1-10-20, 1-10-20
6259	6278	19	LOGS: 1-10-20, 1-10-20, 1-10-20, 1-10-20
6278	6297	19	LOGS: 1-10-20, 1-10-20, 1-10-20, 1-10-20
6297	6316	19	LOGS: 1-10-20, 1-10-20, 1-10-20, 1-10-20
6316	6335	19	LOGS: 1-10-20, 1-10-20, 1-10-20, 1-10-20
6335	6354	19	LOGS: 1-10-20, 1-10-20, 1-10-20, 1-10-20
6354	6373	19	LOGS: 1-10-20, 1-10-20, 1-10-20, 1-10-20
6373	6392	19	LOGS: 1-10-20, 1-10-20, 1-10-20, 1-10-20
6392	6411	19	LOGS: 1-10-20, 1-10-20, 1-10-20, 1-10-20
6411	6430	19	LOGS: 1-10-20, 1-10-20, 1-10-20, 1-10-20
6430	6449	19	LOGS: 1-10-20, 1-10-20, 1-10-20, 1-10-20
6449	6468	19	LOGS: 1-10-20, 1-10-20, 1-10-20, 1-10-20
6468	6487	19	LOGS: 1-10-20, 1-10-20, 1-10-20, 1-10-20
6487	6506	19	LOGS: 1-10-20, 1-10-20, 1-10-20, 1-10-20
6506	6525	19	LOGS: 1-10-20, 1-10-20, 1-10-20, 1-10-20
6525	6544	19	LOGS: 1-10-20, 1-10-20, 1-10-20, 1-10-20
6544	6563	19	LOGS: 1-10-20, 1-10-20, 1-10-20, 1-10-20
6563	6582	19	LOGS: 1-10-20, 1-10-20, 1-10-20, 1-10-20
6582	6601	19	LOGS: 1-10-20, 1-10-20, 1-10-20, 1-10-20
6601	6620	19	LOGS: 1-10-20, 1-10-20, 1-10-20, 1-10-20
6620	6639	19	LOGS: 1-10-20, 1-10-20, 1-10-20, 1-10-20
6639	6658	19	LOGS: 1-10-20, 1-10-20, 1-10-20, 1-10-20
6658	6677	19	LOGS: 1-10-20, 1-10-20, 1-10-20, 1-10-20
6677	6696	19	LOGS: 1-10-20, 1-10-20, 1-10-20, 1-10-20
6696	6715	19	LOGS: 1-10-20, 1-10-20, 1-10-20, 1-10-20
6715	6734	19	LOGS: 1-10-20, 1-10-20, 1-10-20, 1-10-20
6734	6753	19	LOGS: 1-10-20, 1-10-20, 1-10-20, 1-10-20
6753	6772	19	LOGS: 1-10-20, 1-10-20, 1-10-20, 1-10-20
6772	6791	19	LOGS: 1-10-20, 1-10-20, 1-10-20, 1-10-20
6791	6810	19	LOGS: 1-10-20, 1-10-20, 1-10-20, 1-10-20
6810	6829	19	LOGS: 1-10-20, 1-10-20, 1-10-20, 1-10-20
6829	6848	19	LOGS: 1-10-20, 1-10-20, 1-10-20, 1-10-20
6848	6867	19	LOGS: 1-10-20, 1-10-20, 1-10-20, 1-10-20
6867	6886	19	LOGS: 1-10-20, 1-10-20, 1-10-20, 1-10-20
6886	6905	19	LOGS: 1-10-20, 1-10-20, 1-10-20, 1-10-20
6905	6924	19	LOGS: 1-10-20, 1-10-20, 1-10-20, 1-10-20
6924	6943	19	LOGS: 1-10-20, 1-10-20, 1-10-20, 1-10-20
6943	6962	19	LOGS: 1-10-20, 1-10-20, 1-10-20, 1-10-20
6962	6981	19	LOGS: 1-10-20, 1-10-20, 1-10-20, 1-10-20
6981	7000	19	LOGS: 1-10-20, 1-10-20, 1-10-20, 1-10-20

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 "sidetracked" or left in the well, give its size and location. If the well has been dynamited, give date, 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 bailing.

DST from 4625 to 4644', open 30 minutes recovered 3200' salt water, 30 minute initial 1800# flowing pressure 810 to 1700#, 30 minute final 1800.

PRODUCTION RECORD

DATE: 3-11-20

WELL NO: 1-10-20

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LOG OF OIL OR GAS WELL

GEOLOGICAL SURVEY
DEPARTMENT OF THE INTERIOR
CIVIL DIVISION

APR 18 1920

1-10-20