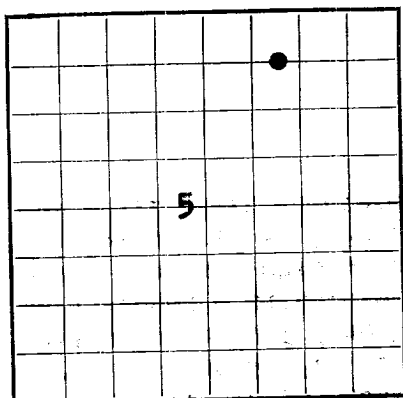


U. S. LAND OFFICE **Las Cruces**
SERIAL NUMBER **063623**
LEASE OR PERMIT TO PROSPECT



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY.

Company **Southwestern Hydrocarbon Co.** Address **P. O. Drawer 4757, Midland, Texas**

Lessor or Tract **Sinclair - Federal** File **Snyder, San Andres** State **New Mexico**

Well No. **2** Sec. **5** T. **10S** R. **30E** Meridian **10S** County **Los**

Location **660** ft. S of **N** Line and **1650** ft. W of **1** Line of **Sec 5-10S-30E** Elevation **3935** ^{MB}

(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 Sept. 19, 1960 Signed [Signature] Title Geological Consultant & Agent

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

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

Commenced drilling August 15, 1960 Finished drilling August 24, 1960

OIL OR GAS SANDS OR ZONES

(Denote ads by G)

No. 1, from 1932 to 5005 Ft. 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. 2, from _____ to _____

No. 3, from _____ to _____

No. 4, from _____ to _____

CASING RECORD

[illegible]

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8	380'	200	Circulated to Surface		
4-1/2	5005'	200	Circulated - two stages		

PLUGS AND ADAPTERS

Heaving plug—Material Length Depth set

Adapters—Material Size

SHOOTING RECORD

[illegible]

TOOLS USED

Rotary tools were used from Surface feet to 5005 feet, and from _____ feet to _____ feet

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

DATES

Cable tools were used.

DATES Completed as a shut-in Gas Well
September 19, 1960 on Sept. 19, 1960

The production for the first 24 hours was 00 barrels of fluid of which 00 % was oil; - % emulsion; 90 % water; and - % sediment. Gravity, ~~XXX~~ 40° API

If gas well, cu. ft. per 24 hours 2,080,000 Gallons gasoline per 1,000 cu. ft. of gas ---

Rock pressure, lbs. per sq. in. 1053 PSI on a 19/64" CHOKE.

EMPLOYEES

VERNA DRILLING COMPANY, Driller _____, Driller _____
_____, Driller _____, Driller _____

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	25	25	Caliche & Windblown sand.
25	2277	2252	Alternating sands and red & green shales.
2277	2913	636	Anhydrite, gypsum, salt and red shale stringers (T. Rusler @ 2277 Ft.).
2913	4198	1285	Anhydrite, red shale and red sand sections of the Yates-Queen-Grayburg formations. (T. Yates Sd. 2913'. T. Queen Sd. 3655').
4198	5005	807	Anhydrite and dolomite (SAN ANDRES). T. San Andres Fm. 4198'. T. San Andres Porosity 4932'. Samples from 4930 to 5005', bleeding oil, amount of oil, good cut, fair flour. & stain.

[OVER]

16-43094-4

FROM	TO	TOTAL FEET	FORMATION
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[illegible]

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, 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 bailing.

HISTORY OF OIL OR GAS WELL

16-48094-2 U. S. GOVERNMENT PRINTING OFFICE