

A blank 10x10 grid with a small circle in the top-left cell.

AREA 640 ACRES
LOCATE WELL CORRECTLY

Santa Fe, New Mexico

RECEIVED
JAN 5 1947
COMMISSIONER
RECEIVED
HOBBS OFFICE

WELL RECORD

Mail to Oil Conservation Commission, Santa Fe, New Mexico, or its proper agent not more than twenty days after completion of well. Follow instructions in the Rules and Regulations of the Commission. Indicate questionable data by following with (?). **SUBMIT IN TRIPLICATE. FORM C-110 WILL NOT BE APPROVED UNTIL FORM C-105 IS PROPERLY FILLED OUT.**

Southern Petroleum Exploration, Inc. **Roswell, New Mexico**
Company or Operator Address
Rinewalt Well No. **1-A** in **NW1NW1** of Sec. **4**, T. **22 S**
Lease
R. **37 E**, N. M. P. M., **Drinkard** Field, **Lea** County.
Well is **560** feet south of the North line and **660** feet ~~west~~ **E** of the ~~N~~ **E** line of **Sec. 4**
If State land the oil and gas lease is No. **No** Assignment No. _____
If patented land the owner is **Wm. Rinewalt**, Address **Henderson, Texas**
If Government land the permittee is **None**, Address _____
The Lessee is **Southern Petroleum Exploration, Inc.**, Address **Roswell, New Mexico**
Drilling commenced **November 23, 1946** Drilling was completed **January 16, 1947**
Name of drilling contractor **Two States Drilling Co.**, Address **Dallas, Texas**
Elevation above sea level at top of casing **3463** feet.
The information given is to be kept confidential until **Not confidential** 19 _____

OIL SANDS OR ZONES

No. 1, from 6475 to 6505 Gas Distillate Zone
 No. 2, from 6512 to 6596 Main Pay
 No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole

No. 1, from None to _____ feet. _____

No. 2, from _____ to _____ feet. _____

No. 3, from _____ to _____ feet. _____

No. 4, from _____ to _____ feet. _____

CASING RECORD

[illegible]

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
	13-3/8	300	300	Halliburton		
	9-5/8	2809	1400	Halliburton		
	7"	6509	300	Halliburton		

PLUGS AND ADAPTERS

Heaving plug—Material_____Length_____Depth Set_____

Adapters—Material_____Size_____

RECORD OF SHOOTING OR CHEMICAL TREATMENT

SIZE	SHELL USED	EXPLOSIVE OR CHEMICAL USED	QUANTITY	DATE	DEPTH SHOT OR TREATED	DEPTH CLEANED OUT
		HCL Acid	2000 gals	1/16/47	6509-TD	6596

Results of shooting or chemical treatment ~~Pressure released and well started to flow~~
~~cleaned itself~~

RECORD OF DRILL-STEM AND SPECIAL TESTS

If deflection or other special tests or deviation surveys were made, submit report on separate sheet and attach hereto.

TOOLS USED

Drill Stem Test -- December 22, 1946

TD 5324 Packer 5210

Johnson Tester -- Miss Hun, leak in drill pipe.

Drill Stem Test -- December 23, 1946

TD 5324 Packer 5210

Johnson Tester -- Open 2 hours. Strong blow throughout test 2200# of oil and gas cut mud. No water. Shut in pressure 5 minutes 2500#.

FORMATION RECORD ON OTHER SIDE

Drill Stem Test -- January 8, 1947

TD-0518 Packer 6481

Johnson Tester -- Open 15 minutes. Gas in 1 1/2 minutes. 3,615,000 cu. ft. of gas estimated plus heavy fog of distillate. 90' of distillate in pipe. 3300# shut in pressure. 1500# flowing pressure.

Drill Stem Test -- January 9, 1947

TD 6534 Packer 6513

Johnson Tester -- Open 2 hours. Gas in 2 minutes. Estimated 100,000 cu. ft. of gas. 26 Stands of oil (24 barrels) in 2 hours. 2700# pressure.

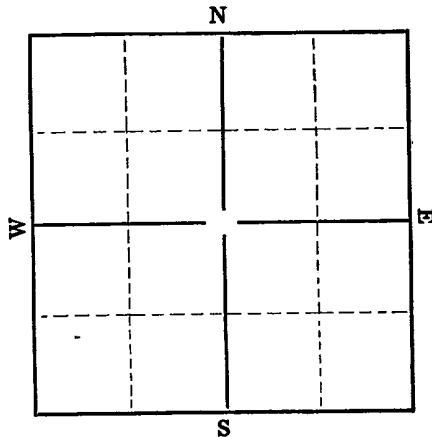
FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	40		Rat hole
	155		Sand Red Beds
	325		Red Beds
	1136		Red Beds
	1385		Anhydrite
	2450		Anhydrite and Salt
	2812		Anhydrite
	3020		Anhydrite
	3080		Anhydrite and Gyp
	3515		Anhydrite
	3535		Anhydrite and Sand
	3545		Sand
	3885		Lime
	3969		Sandy Lime
	4069		Lime
	4275		Sandy Lime
	4336		Lime
	4496		Lime
	4511		Lime sandy
	4550		Lime and Anhydrite
	5475		Lime
	5509		Lime and Gyp
	6596		Lime. TD.

Wrinkard

SCOUT REPORT

NEW MEXICO OIL CONSERVATION COMMISSION



Company Southern Pet.
 Farm Name Rineault Well No. 1-A
 Sec. 4 Twp. 22 Range 97 County Lea
 Feet from Line: 550 N. S. E. 660 W.
 Elevation 3463 Method F
 Contractor _____
 Spudded 11-23-46 Completed 1-20-47

AMOUNT CASING & CEMENTING RECORD			
Size	Feet	Inches	Sax Cement
13 3/8	300		300
9"	6512		300

TUBING RECORD			

PACKER _____

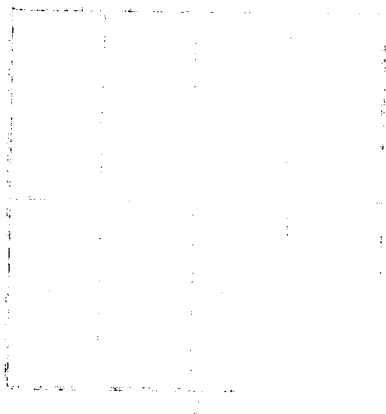
ACID RECORD Gals. <u>2000</u>	TA	TG <u>5070</u>
	TX	TSA
	TCA	TGI
	BX	TYo
	TY	TABo
	TSR	TPenn
Top Pay <u>6514</u>	TQ	TOrd

SHOOTING RECORD		
No. of Quarts	From	To
S/	S/	S/
S/	S/	S/
S/	S/	S/

Date	Location	Date	Notes
<u>9-24</u>	<u>Location</u>	<u>1-23</u>	<u>TD 6596 L I.P. Flow 392 Bbl</u>
<u>10-30</u>			<u>in 24 hrs. thru a 1/8" choke</u>
<u>11-26</u>	<u>TD 325 RB WOC</u>		<u>on 2" tbg. out @ 6512 bbl</u>
<u>12-4</u>	<u>TD 2812 L Prep to run</u>		<u>768 Total acid 2000 gal.</u>
	<u>eq.</u>		
<u>12-11</u>	<u>23632 L</u>		
<u>12-19</u>	<u>54715 L</u>		
<u>12-31</u>	<u>05720 L</u>		
<u>1-8</u>	<u>06410 L</u>		
<u>1-15</u>	<u>TD 6596 WOC</u>		

THE UNIVERSITY OF CHICAGO

1950



1950

THE UNIVERSITY OF CHICAGO

1950

THE UNIVERSITY OF CHICAGO

1950

THE UNIVERSITY OF CHICAGO

1950

THE UNIVERSITY OF CHICAGO

1950

THE UNIVERSITY OF CHICAGO

1950

THE UNIVERSITY OF CHICAGO

1950

THE UNIVERSITY OF CHICAGO

1950

THE UNIVERSITY OF CHICAGO

1950

THE UNIVERSITY OF CHICAGO

1950

THE UNIVERSITY OF CHICAGO

1950

THE UNIVERSITY OF CHICAGO

1950

THE UNIVERSITY OF CHICAGO

1950

THE UNIVERSITY OF CHICAGO

1950

THE UNIVERSITY OF CHICAGO

1950

THE UNIVERSITY OF CHICAGO

1950

THE UNIVERSITY OF CHICAGO

1950

THE UNIVERSITY OF CHICAGO