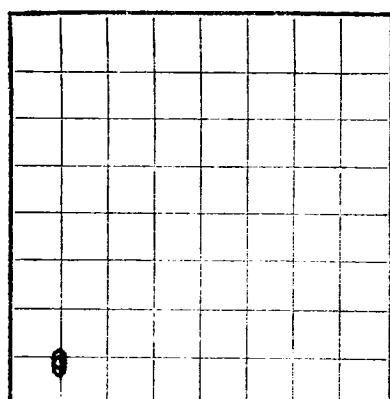




LOCATE WELL CORRECTLY

RECEIVED

UNITED STATES

MAY 29 1961

DEPARTMENT OF THE INTERIOR

U. S. GEOLOGICAL SURVEY

GEOLOGICAL SURVEY

ARTESIA, NEW MEXICO

Santa Fe

U. S. LAND OFFICE

SERIAL NUMBER LC 056302 (b)

LEASE OR PERMIT TO PROSPECT

RECEIVED

MAY 31 1961

O. C. C.
ARTESIA, OFFICE

LOG OF OIL OR GAS WELL

Company BTA Oil Producers Address 122 Allen Bldg., Midland, Texas
Lessor or Tract Kennedy Field Square Lake State New Mexico
Well No. 4 Sec 33 T 16-S R 31-E Meridian N27N County Eddy
Location 660 ft. N. of S Line and 660 ft. E. of W Line of Section 33 Elevation 3944 DF
(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 R. H. HallDate May 19, 1961Title Production Superintendent

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

Commenced drilling April 22, 19 61 Finished drilling May 10, 19 61

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from _____ to _____ 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>36</u>	<u>11</u>	<u>J-55</u>	<u>3502</u>	<u>None</u>	<u>None</u>	<u>3274</u>	<u>3521</u>	<u>Production</u>
<u>5-1/2"</u>	<u>27</u>	<u>8</u>	<u>J-55</u>	<u>3502</u>	<u>None</u>	<u>None</u>	<u>3274</u>	<u>3521</u>	<u>Oil string</u>
<u>2-3/8"</u>	<u>4.7</u>	<u>8</u>	<u>J-55</u>	<u>3502</u>	<u>None</u>	<u>None</u>	<u>3274</u>	<u>3521</u>	<u>Tubing</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>542</u>	<u>175</u>	<u>Pump & Plug</u>		
<u>5-1/2"</u>	<u>3562</u>	<u>200</u>	<u>"</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>Acidine w/1,500 gal. 15% acid</u>	<u>5-12-61</u>					
<u>Sand Prec w/50,000 gal. R. O. 2PSFO</u>	<u>5-13-61</u>					

TOOLS USED

Rotary tools were used from Surface feet to 3562 feet, and from _____ feet to _____ feet

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

DATES

5-25, 19 61 Put to producing 5-22, 19 61

The production for the first 24 hours was 54 barrels of fluid of which 100% was oil; _____% emulsion; _____% water; and _____% sediment.

Gravity, °Bé. 35° API

If gas well, cu. ft. per 24 hours _____

Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

_____, Driller _____ Driller

_____, Driller _____ Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>0</u>	<u>165</u>	<u>165</u>	<u>Redbeds & caliche</u>
<u>165</u>	<u>488</u>	<u>323</u>	<u>Redbeds</u>
<u>488</u>	<u>633</u>	<u>145</u>	<u>Anhydrite</u>
<u>633</u>	<u>1624</u>	<u>991</u>	<u>Interlaminated salt, anhydrite & redbeds.</u>
<u>1624</u>	<u>1864</u>	<u>180</u>	<u>Anhydrite & redbeds</u>
<u>1864</u>	<u>2940</u>	<u>1136</u>	<u>Interlaminated sand, anhydrite & redbeds.</u>
<u>2940</u>	<u>3550</u>	<u>610</u>	<u>Dolomite w/sand & shale streaks.</u>
	<u>T/SA</u>	<u>3404</u>	

RECEIVED

MAY 28 1961

U. S. G.
ROSWELL

(OVER)

FORMATION RECORD—CONTINUED

19-48994-3

Section 33

U. S. LAND OFFICE

Section 33

Section 33

RECEIVED UNITED STATES

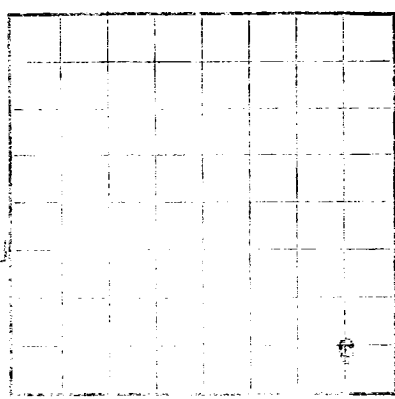
DEPARTMENT OF THE INTERIOR

U. S. GEOLOGICAL SURVEY

NEW MEXICO

D. C. O. OFFICE

LOG OF OIL OR GAS WELL



Company: STA OIL PROducers

Lease or Tract: Kennedy

Well No.: 33

Location: 330 ft. of 3 line and 330 ft. of 3 line

Section 33

County: Santa Fe

State: New Mexico

City: Santa Fe

Section 33

Block 33

Tract 33

Section 33

Block 33

Tract 33

Section 33

Block 33

Tract 33

Section 33

Block 33

Tract 33

Section 33

Block 33

Tract 33

Section 33

Block 33

Tract 33

Section 33

Block 33

Tract 33

Section 33

Block 33

Tract 33

Section 33

Block 33

Tract 33

Section 33

Block 33

Tract 33

Section 33

Block 33

Tract 33

Section 33

Block 33

Tract 33

Section 33

Block 33

Tract 33

Section 33

Block 33

Tract 33

Section 33

Block 33

Tract 33

Section 33

Block 33

Tract 33

Section 33

Block 33

Tract 33

Section 33

Block 33

Tract 33

Section 33

Block 33

Tract 33

Section 33

Block 33

Tract 33

Section 33

Block 33

Tract 33

Section 33

Block 33

Tract 33

Section 33

Block 33

Tract 33

Section 33

Block 33

Tract 33

Section 33

Block 33

Tract 33

Section 33

Block 33

Tract 33

Section 33

Block 33

Tract 33

Section 33

Block 33

Tract 33

Section 33

Block 33

Tract 33

Section 33

Block 33

Tract 33