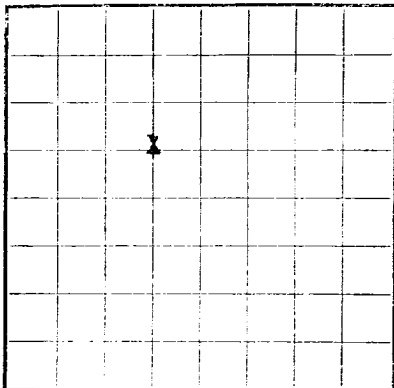




LOCATE WELL CORRECTLY

THIS WELL IS IN THE
COTTON DRAW UNITU. S. LAND OFFICE Las Cruces
SERIAL NUMBER LC-061936
LEASE OR PERMIT TO PROSPECTUNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company TEXACO Inc. Address P.O. Box 352, Midland, Texas
Lessor or Tract E. F Ray-Federal "B" Field Paducah-Belaware State New Mexico
Well No. 27 Sec. 10 T. 25-S R. 32-E Meridian NMPN County Lea
Location 1980 ft. S. of N Line and 1980 ft. E. of W Line of Section 10 Elevation 3462' (DP)
(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 W. B. Hubbard

Date February 14, 1961 Title Assistant District Superintendent

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

Commenced drilling February 2, 1961 Finished drilling February 8, 1961

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 4712' to 4711' No. 4, from _____ to _____
No. 2, from 4716' to 4721' No. 5, from _____ to _____
No. 3, from 4727' to 4732' No. 6, from _____ to _____

Drilled with rotary tools and no water sands tested.
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>7-5/8</u>	<u>24.00</u>	<u>8-R</u>	<u>H-40</u>	<u>312'</u>	<u>Baker</u>	<u>None</u>	<u>None</u>	<u>None</u>	<u>Surface</u>
<u>4-1/2</u>	<u>9.50</u>	<u>8-R</u>	<u>J-55</u>	<u>4780'</u>	<u>Baker</u>	<u>None</u>	<u>See</u>	<u>Above</u>	<u>Production</u>

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>7-5/8</u>	<u>330'</u>	<u>250</u>	<u>Howco</u>		
<u>4-1/2</u>	<u>4790'</u>	<u>150</u>	<u>Howco</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

TOOLS USED

Rotary tools were used from _____ feet to 4721 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

February 11, 1961 Put to producing February 12, 1961

The production for the first 24 hours was 132 barrels of fluid of which 61 % was oil; 0 %
emulsion; 36 % water; and _____ % sediment. Gravity, °Bé. 29.5

If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

B. E. Thomas, Driller For Hains, Driller
N. B. Holland, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	80	80	Caliche
80	773	693	Red Bed
773	1142	369	Anhy
1142	1655	513	Salt
1655	4436	2781	Anhy & Salt
4436	4663	227	Lime
4663	4791	128	Sand
Total Depth	4791		
PBTD	4763		
All measurements from rotary table or _____ above ground level.			Formation Tops
Estimate No. <u>5126</u>			Top Anhy <u>773'</u>
4 - USGS			Top Salt <u>1142'</u>
1 - NMOC			Bot Salt <u>4436'</u>
1 - Mrs. Shea			Lime Top <u>4663'</u>
1 - Paulley Pet.			Top Sand <u>4791'</u>
1 - Division			
1 - Field			
1 - File			

AT THE END OF COMPLETE DRILLERS
LOGS, GEOLOGICAL SURVEY, STATE
GEOLOGICAL SURVEY

FORMATION

FROM—

—OL

TOTAL FREE

FORMATION

42.00

Deviation Record

Degrees of

351
642
958
1264
1576
1888
2205
2797
3254
3550
3731
4265
4538
4701

1/4
1/2
3/4
1
1-1/2
1
1-1/2
1
2
2-1/4
2-1/4
2
2-1/4
2-1/4
2

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 "saddled" 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

E. H. HAY-NEEDHAM, JR. TWENTY-ONE
2. ON THE 28th

Spudded 9-1/8" hole 3:00 P.M. February 2, 1961. Ran 318' of 7-5/8" O.D. casing and cemented at 330' with 250 sk regular. Plug at 305'. Cement circulated. Tested OK. Job complete 12:00 Midnight February 3, 1961.

Core No. 1, 4711' to 4756', recovered 35' of sand with show oil. Job complete 2-7-61.
Core No. 2, 4756' to 4791', recovered 35' of sand with show oil. Job complete 2-8-61.
Ran 4780' of 4-1/2" O.B. casing and cemented at 4790' with 150 sx Incor 4% gel. Plug
at 4763'. Tested before and after drilling plug for 30 minutes with 1500 PSI. Tested
OK. Job complete 4:30 P.M. February 10, 1961.

OK. Job complete 7:30 P.M. February 10, 1961.

On 12 Hr PT well swabbed 42 30 and 24 BW ending 7:00 P.M. February 12, 1961.

Top of Pay - 4712
Btm of Pay - 4732

NIJOC date - February 8, 1961

TRIMCO Inc. date - February 12, 1967