

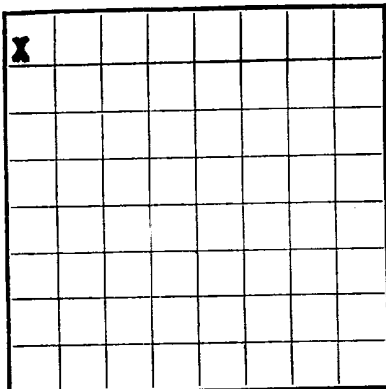
NOTED

Las Cruces

U. S. LAND OFFICE

SERIAL NUMBER

LEASE OR PERMIT TO PROSPECT



LOCATE WELL CORRECTLY

GORDON

1962 APR 17 AM 9:57

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company TEXACO Inc. Address P.O. Box 728 - Hobbs, New Mexico
Lessor or Tract Cotton Draw Unit Field Undesignated State New Mexico
Well No. 61 Sec. 27 T. 25S R. 32E Meridian NMPM County Lea
Location 330 ft. N of N Line and 330 ft. W of W Line of Sec. 27 Elevation 3390 (D.F.)
(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

Title Asst. Dist. SuperintendentDate April 6, 1962

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

Commenced drilling March 13, 19 62 Finished drilling March 20, 19 62

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from See attached sheet to _____ No. 4, from _____ to _____
No. 2, from _____ to _____ No. 5, from _____ to _____
No. 3, from _____ to _____ 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—	
7-5/8"	15.25	8	Spiral	360	None	None	None	None	Surface
4-1/2"	9.5	8	Spiral	150	None	None	None	None	Production

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
7-5/8"	373'	250	Howco		
4-1/2"	4693'	150	Howco		

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 0 feet to 4693 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

April 6, 19 62 Put to producing April 5, 19 62

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

If gas well, cu. ft. per 24 hours 683.5 Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

J. L. Armentrout, Driller C. E. Hutchison, Driller
C. F. McManis, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	374	374	Caliche
374	436	62	Redbed
436	810	374	Redbed & Anhy
810	1653	843	Anhy & Salt
1653	3641	1988	Lime
3641	4045	404	Salt
4045	4333	288	Lime & Sand
4333	4693	360	Delaware Sand
Total Depth	4693		
PBTD	4600		

ESTIMATE NO. 5790

4 - UEGS
1 - Mrs. Rhea
1 - Pauley Pet Co.
1 - NMCCC
1 - Division
1 - Field
1 - File

FORMATION TOPS

Top of Anhy - 755
Top of Salt - 1150
Base of Salt - 4384
Lamar Lime - 4606
Delaware Sand - 4631

All measurements from
rotary table or 10' above ground level.

COTTON CANYON WELL No. 61

Spudded 9-7/8" hole 10:30 P.M. March 13, 1962. Ran 360' of 7-5/8" O.D. casing and cemented at 373' with 250 sx Neat. Plug at 350'. Cement circulated. Tested before and after drilling plug for 30 minutes with 600 PSI. Tested O.K. Job complete 4:00 P.M. March 15, 1962.

Ran Gamma Ray-Sonic Logs March 20, 1962.

Ran 4682' of 4-1/2" O.D. casing and cemented at 4693' with 150 sx Incor Neat. Plug at 4650'. Cement did not circulate. Tested before and after drilling plug for 30 minutes with 1600 PSI. Tested O.K. Job complete 6:30 P.M. March 22, 1962.

Ran Gamma Ray-Correlation Log March 25, 1962.

Sand drill 3 holes in a plane at 4654' and 4647' in 4-1/2" O.D. casing. Swab well. Acidize perfs with 500 gals LST NEA. Swab well. Frac with 750 gals ref oil and 750 lbs sand. Swab well.

Ran Delta Log, April 1, 1962.

On 24 hour Potential Test well flowed 683.5 MCFPD thru 3/4" choke. Gas well.

Top of Pay - 4647'

Bottom of Pay - 4654'

USGS Date - March 20, 1962.

TEXACO Inc. Date - April 6, 1962.