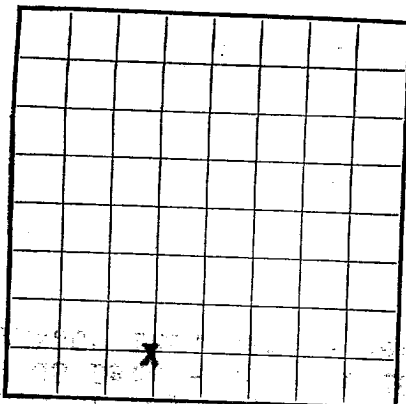


U. S. LAND OFFICE Artesia
SERIAL NUMBER 033775
LEASE OR PERMIT TO PROSPECT
RECEIVEDUNITED STATES
DEPARTMENT OF THE INTERIOR FEB - 8 1962
GEOLOGICAL SURVEYD. C. C.
ARTESIA, OFFICE

LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL

Company TEXACO Inc. Address P. O. Box 728 - Hobbs, New Mexico
Lessor or Tract Leo R. Manning Federal "E" NCT-1 Field Undesignated State New Mexico
Well No. 1 Sec. 27 T18S R. 30E Meridian NMPM County Eddy
Location 660 ft. ^[N] of S Line and 1980 ft. ^[E] of W Line of Section 27 Elevation 3439' (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 [Signature]Date February 5, 1962Title Assistant District SuperintendentThe summary on this page is for the condition of the well at above date.
Commenced drilling October 6, 1961 Finished drilling October 16, 1961OIL 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 _____Drilled with rotary tools and no water sands tested.
IMPORTANT WATER SANDSNo. 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"	19.80	8-11	Artesia	271	Howco	None	800	None	Surface
2 7/8"	8.50	8-11	Artesia	3439	Howco	None	See Above	Production	

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
7 5/8"	583'	300	Howco		
2 7/8"	3449'	680	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 _____ feet to 3450 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

February 5, 1962 Put to producing February 2, 1962The production for the first 24 hours was 8 barrels of fluid of which 100 % was oil; — % emulsion; — % water; and — % sediment.Gravity, °Bé. 33

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

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

M. L. Sharp, Driller D. R. Lamb, Driller
D. F. Schoner, Driller T. O. McElween, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	290	290	Caliche
290	580	290	Redbed
580	1460	880	Top of Salt
1460	1640	180	Anhy
1640	2760	1120	Anhy & Lime
2760	3450	690	Lime
Total Depth		3450	
BTD		3420	

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

Estimate No. 56604 - USGS
1 - NMOCC
1 - Division
1 - Field
1 - FileFormation Tops
Top of Anhy - 290'
Top of Salt - 580'
Btm of Salt - 1460'
Top of Yates - 1640'
Top of Queen - 2760'
Top of Grayburg - 3188'

(OVER)

FORMATION RECORD CONTINUED

16-48094-4

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

On 24 hour Potential Test ending 9:30 a.m. February 3, 1962 well pumped
8 BG and no water.

LOG ON OF GAS WELL

USGS Date - February 3, 1962
Date - February 3, 1962
TEXACO Inc.

GOR - 7684
Gravity - 33
Top of Pay - 2767
Bm of Pay - 32921
USGS Date - October 16, 1961

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 the 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

16-43084-2 U. S. GOVERNMENT PRINTING OFFICE

FROM-	TO-	TOTAL FEET	FORMATION
		3450	Depth
		3339	150'
		3000	896'
		2824	1409'
		2435	1919'
		2200	1919'
		1919	11/2
		1409	11/2
		896	11/2
		150	11/2
		3450	11/4
		3339	3/4
		3000	3/4
		2824	1
		2435	1
		2200	1
		1919	1
		1409	1
		896	1
		150	1
		3450	1
		3339	1
		3000	1
		2824	1
		2435	1
		2200	1
		1919	1
		1409	1
		896	1
		150	1
		3450	1
		3339	1
		3000	1
		2824	1
		2435	1
		2200	1
		1919	1
		1409	1
		896	1
		150	1
		3450	1
		3339	1
		3000	1
		2824	1
		2435	1
		2200	1
		1919	1
		1409	1
		896	1
		150	1
		3450	1
		3339	1
		3000	1
		2824	1
		2435	1
		2200	1
		1919	1
		1409	1
		896	1
		150	1
		3450	1
		3339	1
		3000	1
		2824	1
		2435	1
		2200	1
		1919	1
		1409	1
		896	1
		150	1
		3450	1
		3339	1
		3000	1
		2824	1
		2435	1
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		2435	1
		2200	1
		1919	1
		1409	1
		896	