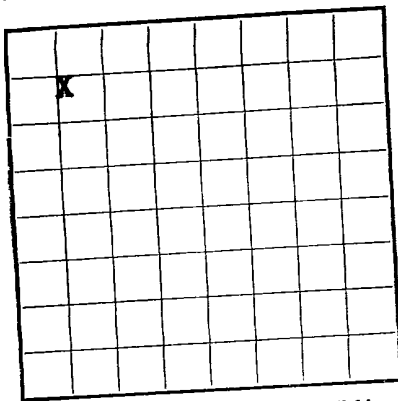


U. S. LAND OFFICE Las Cruces
SERIAL NUMBER LC-062368
LEASE OR PERMIT TO PROSPECT

LOCATE WELL CORRECTLY

UNITED STATES
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 C. E. Penny NCT-4 Field Undesignated State New Mexico
 Well No. 7 Sec. 19 T. 25S R. 38E Meridian NMPM County Lea
 Location 825 ft. [W] of N Line and 330 ft. [E] of W Line of Section 19 Elevation 3085'
(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 Assistant District Superintendent
 Date December 18, 1961

The summary on this page is for the condition of the well at above date.
 Commenced drilling September 8, 1961 Finished drilling October 11, 1961

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"	24.00	8-R	H-40	866	Howco	None	None	None	Surface
5 1/2"	14.00	8-R	J-55	5937	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"	876'	400	Howco		
5 1/2"	5948'	350	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 5948 feet, and from _____ feet to _____ feet
 Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

December 18, 1961 Put to producing December 8, 1961
 The production for the first 24 hours was 152 barrels of fluid of which 100% was oil; ---%
 emulsion; ---% water; and ---% sediment. Gravity, °Bé. 36.2
 If gas well cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____

FOLD MARK

C. E. Hutchinson, Driller

FORMATION RECORD

FORMATION		TOTAL FEET	
FROM -	TO -		
0	243	243	Caliche
243	780	537	Redbed
780	1720	940	Salt
1720	2243	523	Anhy & Salt
2243	2860	617	Anhy
2860	3687	827	Anhy & Gyp
3687	4240	553	Anhy & Lime
4240	4660	420	Lime
4660	4780	120	Lime & Sand
4780	5213	433	Lime
5213	5948	735	Lime & Sand
Total Depth		5948	
PRTD		5846	
All measurements from rotary			
table or 10' above ground level.			
Estimate No. 5612			
4 - USGS			
1 - NMCC			
1 - Division			
1 - Field			
1 - File			
FORMATION TOPS			
Top of Anhy	780		
Top of Salt	1720		
Btm of Salt	2243		
Top of Yates	2397		
Top of San Andres	3687		
Top of Givens	4780		
Top of Blinberry	5213		
Top of Tubb	5810		

See Attached Sheet
and results of pumping or bailing.

C. E. PENNY NCT-4 WELL NO. 7

Spudded 9-7/8" hole 1:00 A.M., September 8, 1961. Ran 866' of 7-5/8" O.D. casing and cemented at 876' with 300 sacks Incor, 4% gel and 100 sacks Incor neat. Cement circulated. Plug at 846'. Tested before and after drilling plug for 30 minutes with 600 PSI. Tested O.K. Job complete 1:00 A.M., September 11, 1961.

Ran 5937' of 5-1/2" O.D. casing and cemented at 5948' with 350 sacks Incor neat. Plug at 5914'. Tested before and after drilling plug for 30 minutes with 1500 PSI. Tested O.K. Job complete 11:00 P.M., October 12, 1961.

Ran Gamma Ray Neutron log, November 12, 1961.

Undesignated (Tubb-Drinkard) Zone:

Perforate 5-1/2" casing with 1 jet shot per 3 feet, 5807' to 5818', 5832' to 5844', 5848' to 5858', and 5866' to 5870'. Acidize with 1000 gals 15% LST NEA. Frac with 10,000 gals refined oil and 15,000 lbs. sand. Swab dry. Re-frac with 20,000 gals refined oil and 30,000 lbs. sand. Perforate 5-1/2" casing with 2 jet shots per foot, 5886' to 5896', and 5902' to 5910'. Acidize with 1000 gals 15% LST NEA. Squeeze above perforations with 600 sacks cement. Unable to complete.

Undesignated (Blinebry) Zone:

Perforate 5-1/2" casing with 1 jet shot per 3 feet, 5234' to 5243', 5257' to 5264', 5270' to 5274', 5288' to 5306', 5314' to 5324', 5336' to 5358', 5371' to 5380', 5394' to 5409', 5414' to 5433', 5437' to 5445', 5450' to 5460', and 5463' to 5476'. Acidize with 1500 gals 15% LST NEA. Frac with 10,000 gals refined oil and 15,000 lbs. sand. Recover load oil and test.

Undesignated (Blinebry) Zone Test:

On 12 hour Potential Test well flowed thru 14/64" choke, 76 BO and no water ending 7:00 A.M., December 9, 1961.

GOR - 1177

Gravity - 36.2

Top of pay - 5234'

Btm of pay - 5476'

USGS date - October 11, 1961

TEXACO Inc. date - December 9, 1961