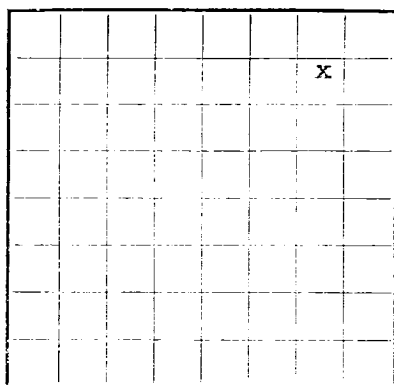


U. S. G. S. -4
Stvl -1
Region -1
File -1Budget Bureau No. 42-R-355.3
Approval expires 12-31-55.U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 078739
LEASE OR PERMIT TO PROSPECT
San Juan Unit 30-5

LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Phillips Petroleum Address Box 439, Artes, N.M.
Lessor or Tract Tract 233a Field Wildcat State New Mexico
Well No. 1-22 Sec. 22 T. 30N R. 5W Meridian N.M.P.M. County Rio Arriba
Location 990 ft. (K) of N Line and 990 ft. (K) of E Line of Section 22 Elevation 5574.7
(elevation related 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 Earl StummDate August 13, 1953 Title District Superintendent

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

Commenced drilling November 3, 19 52. Finished drilling January 4, 19 53.

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3270 to 3507 G. No. 4, from 5532 to 5552 G.
No. 2, from 3507 to 3605 G. No. 5, from 5652 to 5832 G.
No. 3, from 3605 to 3716 G. No. 6, from 5832 to 6180 G.

IMPORTANT WATER SANDS

No. 1, from 270 to 3507 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	
10-3/4"	21.53	5	Amco	162	Baker				
7"	23	8HD	J-55	1411	Baker				
7"	20	8HD	J-55	4128					

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10-3/4"	170	130 sack reg.	Halliburton		
7"	5542	300 sack reg.	Halliburton		

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
		DuPont				
		Co. 1	1-26 qts.	1-24-53	5:00 - 5:15	6238

TOOLS USED

Rotary tools were used from 0 feet to 6238 feet, and from _____ feet to _____ feet

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

DATES

August 12, 19 53 Put to producing Completed 3/20/1953

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 943 Gallons gasoline per 1,000 cu. ft. of gas _____Rock pressure, lbs. per sq. in. 1,400 In compliance with New Mexico regulations, the well was shut in 57 days, blown down 3 hrs. and tested thru a 2" Pitot tube with a water manometer.J. B. Mann, Inc. Frmn. Driller
_____, Driller
_____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	2920	2920	sand & shale
2920	3270	350	shale
3270	3507	237	sand, shale & coal
3507	3605	98	sandstone & shale
3605	3716	111	sandstone
3716	5532	1816	shale
5532	5653	126	sandstone with shale streaks
5653	5832	174	sand, shale & coal
5830	6180	348	sandstone with shale streaks
6180	6238	58	shale

[OVER]

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION
			FORMATION 30-5
			2920 - Kirtland
			3270 - Kirtland
			3507 - Upper Secured Cliff
			3605 - True Secured Cliff
			3716 - Lewis shale
			5532 - Cliff House
			5658 - Menefee
			5792 - Point Lookout

HISTORY OF OIL OR GAS WELL

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 "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 purring or bailing.