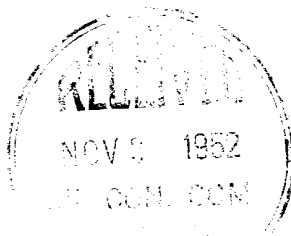


A 10x10 grid with a small circle at (2, 8) and the number '10' at (5, 5).



U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 079116
LEASE OR PERMIT TO PROSPECT

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company James D. Hancock & Company, Ltd. Address 916 Kirby Building, Dallas, Texas
 Lessor or Tract U.S.A. Field W.Kutz-P. Cliffs State New Mexico
 Well No. 12 Sec. 10 T. 27N R. 12W Meridian N.M.P.M. County San Juan
 Location 990 ft. XXX of N Line and 1650 ft. [E.] of W Line of Section 10 Elevation 5859.8
S. [E.]

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.

Date September 11, 1952 Signed O. J. Stevens
Title Asst. Oper. Mgr.

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

Commenced drilling August 14 19 52 Finished drilling August 31 19 52

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 6 1445 to 1525 No. 4, from _____ to _____
 No. 2, from _____ to _____ No. 5, from _____ to _____
 No. 3, from _____ to _____ No. 6, from _____ to _____

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—	
10 3/4"	32.75#	8	Smls.	87.05'	Float				
7"	17#	8	Smls.	1145.67'	"				
1"			Line Pipe	1523'					

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10 3/4"	96'	60	Halliburton		
7"	1452.67'	100	Hardin		

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
5 th		Nitro Gelatine	220 qts.	8/28/52	1167-1525'	

TOOLS USED

Rotary tools were used from 0 feet to 111.5 feet, and from _____ feet to _____ feet.

Cable tools were used from 1115 feet to 1525 feet, and from _____ feet to _____ feet.

DATES

Completed August 11, 1952 Put to producing _____, 19____

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 1020 ----- Gallons gasoline per 1,000 cu. ft. of gas -----

Rock pressure, lbs. per sq. in. 1020

EMPLOYEES

Driller _____, Driller _____, Driller _____

J. H. Vanech, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	608	608	Shale
608	1216	608	Sand & Shale
1216	1290	74	Shale
1290	1445	155	Sand & Shale
1445	1462	17	Sandy Shale
1462	1500	38	Sand & Shale
1500	1525	25	Sand
<u>TOP PICTURED CLIFFS</u>			
1445'			

TOP PICTURED CLIFFS
14450

[illegible]

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 pipes 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

U. S. GOVERNMENT PRINTING OFFICE 16-58094-1

[illegible]