

BYRD OIL CORPORATION

1408 TOWER PETROLEUM BUILDING

TELEPHONE RIVERSIDE 4893

DALLAS 1, TEXAS

April 7, 1955

District Engineer
U. S. Geological Survey
Department of the Interior
P. O. Box 965
Farmington, New Mexico

Dear Sir:

We are inclosing herewith in quadruplicate Form 9-330, covering completion report and log of our Christine Hughes #2 well, located in the SE/4 SW/4 of Section 3-27N-9W, San Juan County, New Mexico on lease, SF-078050.

We are attempting to complete this well dually, in the Mesaverde and Dakota gas formations. Initial testing results are shown on the form, but potential or deliverability tests will be conducted as soon as possible and submitted. We will also request a hearing for approval of the dual completion from the State, since both are wildcat zones for this area.

On March 7 we furnished you duplicate copies of the Schlumberger log, Microlog and temperature survey for this test. It is believed that all necessary data have now been supplied.

Very truly yours,

BYRD OIL CORPORATION

By

A. E. Woerheide, Jr.

cc

2 inclosures

cc N. M. Oil Conservation Commission

cc Fleege-Hiley Drilling Company

U. S. LAND OFFICE Santa Fe

SERIAL NUMBER 070050

LEASE OR PERMIT TO PROSPECT

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company _____ Address 1110 Tower Petroleum, Dallas 1, Texas
Lessor or Tract Christine Hughes Field Wildcat State New Mexico
Well No. 2 Sec. 3 T. 27N R. 9W Meridian NTPM County San Juan
Location 750 ft. [N] of 5 Line and 2320 ft. [E] of 4 Line of Section 3 Elevation 6277 M.B.
[S] of _____ ft. [W] of _____ Line of _____ Section _____ Elevation 6265 Ground
(Derrick floor relative to ground)

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 April 7, 1955 Signed *Walter H. D.*
Title Production Supt., Jr.

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

Commenced drilling January 13, 1955 Finished drilling February 22, 1955

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from <u>4700</u> to <u>6612</u> G No. 2, from <u>6745</u> to <u>6756</u> G No. 3, from _____ to _____	No. 4, from _____ to _____ No. 5, from _____ to _____ No. 6, from _____ to _____
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IMPORTANT WATER SANDS

No. 1, from _____ to _____
No. 2, 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 —	
J-57	36"	8 rd.	H-40	287	leatherford				
-1/2	15.5 x 17"	8 rd.	J-55	692	leatherford		L-706	S-112	
2-100'	2.7"	8 rd.	J-55	6750	Long Falls	L-4 Packer set at 408'	G-705	G-750	

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9-5/8	279	170	Pump		
8-1/2	6986	1165	"		
2	5738	--			

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____
Adapters—Material _____ Size _____

SHOOTING RECORD

[illegible]

TOOLS USED

Rotary tools were used from 0 feet to 7000 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

Lesas Verde Formation (2-C):

Initial test: March 11, 1955

DATES

Dakota formation (2-T):

Put to producing spittal test: 1955

The production for the first 24 hours was ~~---~~ barrels of fluid of which ~~---~~% was oil; ~~---~~% emulsion; ~~---~~% water; and ~~---~~% sediment. Gravity. °Ré

If gas well, cu. ft. per 24 hours 200 61 Gallons gasoline per 1,000 cu. ft. of gas 776 41

Rock pressure, lbs. per sq. in. 1100 Rock pressure, lbs. per sq. in. 1800

EMPLOYEES

~~Hooper-Wiley Drilling Company~~, Driller _____, Driller
_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	47		Sand.
47	2366		Sand and Shale.
2366			Top Pictured Cliffs.
2366	2408		Sand and Shale.
2408			Top Lewis Shale.
2408	3987		Sand and Shale.
3987			Top Cliff House.
3987	4300		4300 Shale and Coal.
4300	4600		Sand and Shale.
4600			Top Ft. Lookout.
4600	4725		Sand and Shale.
4725			Top Mancos.
4725	5220		Sand and Shale.
5220	5472		Shale.
5472	6496		Shale and Sand.
6496			Top Greenhorn.
6496	6630		Shale and Sand.
6630			Top Dakota.
6630	6850		Shale and Sand.
6850	6877		Sand.
6877	6896		Shale and Sand.
6896	6920		Sand.
6920	6947		Shale and Sand.
6947	6963		Sand.
6963			Top Morrison.
6963	6974		Shale and Sand.
6974	7000 T.P.		Sand.
7000	7005		

(All measurements are made from Kelly Bushing.)

16-43094-3

*uplicate copies of Challenger log, microlog and temperature survey dated 3/7/35.

FORMATION RECORD—Continued

[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 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

16-43094-2 U. S. GOVERNMENT PRINTING OFFICE