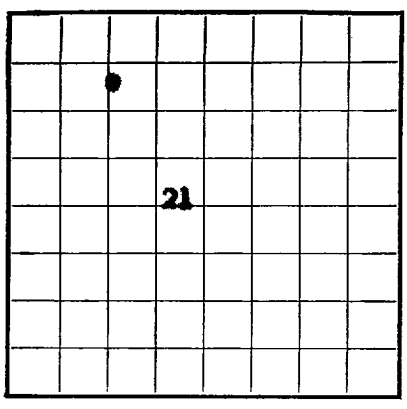
Form 9-330

Budget Bureau No. 42-R355.4.
Approval expires 12-31-60.

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER SF-078099-A
LEASE OR PERMIT TO PROSPECT



LOCATE WELL CORRECTLY

RECEIVED
AUG 16 1960
OIL CON. COM.
DIST. 3

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

RECEIVED
U. S. GEOLOGICAL SURVEY
ROSWELL, NEW MEXICO

LOG OF OIL OR GAS WELL

Company Gulf Oil Corporation Address Production Department Box 1346, Salt Lake City, Utah

Lessor or Tract Blackrock Federal "C" Field Gallegos-Gallup State New Mexico

Well No. 1 Sec. 21 T. 26N R. 11W Meridian NMPM County San Juan

Location 990 ft. {N./S.} of N Line and 1650 ft. {E./W.} of W Line of Section 21 Elevation 6214'
(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 ORIGINAL SIGNED By: T. A. TRAX

Date August 11, 1960 Title Area Production Manager

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

Commenced drilling 7-13, 19 60 Finished drilling 7-29, 19 60

OIL OR GAS SANDS OR ZONES

(*Denote gas by G*)

No. 1, from 6080' to 6040' 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 NONE TESTED 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 From—	Perforated To—	Purpose
8-5/8	24	8 R	SS	224.45	cam guide				
5½	14	8 R	SS	6118	"	"			

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8	236'	175	Pump and Plug		
5½	6130'	318	" "		

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 Surface feet to TD (6130) feet, and from ____ feet to ____ feet

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

DATES

Completed August 10, 19 60 Put to producing SI August 10, 19 60 for installation of equipment and gas sales connection.

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 10,100 MCF Gallons gasoline per 1,000 cu. ft. of gas ____

Rock pressure, lbs. Calculated Open Flow - subject to correction for gravity

EMPLOYEES

____, Driller ____, Driller

____, Driller ____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
			E-LOG TOPS:
			T/Gallup 4998' Dakota 5996'
			TD 6130' PBTD 6100'

Jet perforated 6080'- 6040', 160 holes. Frac thru csg w/49,000 gal water, treated w/1% ca cl and 7# per 1000 gal WG-3 and 40,000# of 20-40 sd. Flushed w/7350 gal water. Av inj rate 51.3 bpm. Max press 3000#, min 2300#, F 2900#, instantaneous SI static 2000#, in 10 min 1700#, in 24 min 1500#.
Static BHP after 168 hrs SI 2436# @6000'. Open flow calculated 10,100 MCF, subject to correction for gravity.

FORMATION RECORD—Continued

FOLD MARK

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION

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

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 pumping or bailing.

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