

U. S. LAND OFFICE

SERIAL NUMBER

LEASE OR PERMIT TO PROSPECT

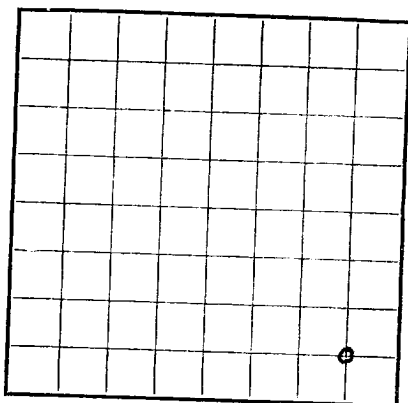
NM 025778-A

UNITED STATES

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

RECEIVED



LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL

Company Gulf Oil Corporation Address Box 2167, Hobbs, New Mexico
Lessor or Tract Federal Lechane et al "G" Tract Undesignated State New Mexico
Well No. 1 Sec. 21 T18 R. 31 Meridian 10N County Eddy
Location 660 ft. [N.] of So. Line and 660 ft. [W.] of E. Line of Sec. 21-18-31 Elevation 3655'
(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.

Date March 10, 1959 Title Area Production Supt.

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

Commenced drilling November 26, 1958 Finished drilling December 16, 1958

OIL OR GAS SANDS OR ZONES

(Denote gas by 'G')

No. 1, from 3616 to 3796' No. 2, from 3616 to 3796'
No. 3, from 3616 to 3796' No. 4, from 3616 to 3796'

IMPORTANT WATER SANDS

No. 1, from 3616 to 3796' No. 3, from 3616 to 3796'

No. 2, from 3616 to 3796' No. 4, from 3616 to 3796'

Size casing	Weight per foot	Threads per inch	Make	Amount	Set and pulled from	Perforated		Purpose
						From—	To—	
8-5/8"	24	3 R	Y'ngstn 971'	Larkin				Surface Pipe
4-1/2"	9.50	3 R	Mat'ls 3967'	Shaw				Production String

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8"	985'	600	Pump & Plug		
4-1/2"	3979'	1210	" " "		

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 5300 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

Put to producing January 21, 1959
The production for the first 24 hours was 57 barrels of fluid of which 64.9% was oil; _____% emulsion; 35.1% water; and _____% sediment.

If gas well, cu. ft. per 24 hours _____ Gravity, °Bé. 31.8 API
Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

_____, Driller _____, Driller
_____, Driller _____, Driller

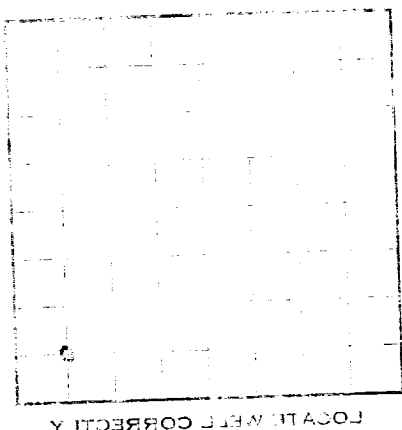
FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	11.50'	11.50'	Distance from Top Kelly Drive Bushing to Ground
	163'	151.50'	Sand & Red Bed
	600	437'	Red Bed & Anhy
	1077	400	Anhy
	1107	107	Anhy & Red Bed
	2675	1568	Anhy & Salt
	3622	947	Anhy
	4359	737	Lime & Shale
	4438	79	Lime, Anhy & Potash
	4490	52	Sandy Lime
	4900	410	Lime
	4964	74	Slightly sandy Dolomite
	4980	16	Shaly, slightly sandy Dolomite
	5917	37	Shaly, argillitic, slightly dolomitic sandstone
	5022	5	Shaly, slightly dolomitic sandstone
	5041	19	Slightly dolomitic sandy shale
	5054	13	Shaly, argillitic sandstone
	5067	13	Dolomitic, pyritic shale
	5084	17	Dolomitic, slightly sandy shale
	5169	85	Shaly & dolomitic sandstone
	5176	7	Dolomitic, sandy shale, shaly sandston & sandy, shaly dolomite
	5192	16	Dolomitic sandstone
	5205	13	Dolomitic sandy shale
	5262	57	Shaly, dolomitic sandstone
	5300	38	Shaly sandstone

FORMATION RECORD—Continued

LOG OF OIL OR GAS WELL

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
UNITED STATES



Company _____
Address _____
State _____
County _____
Location _____
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 _____
The summary on this page is for the condition of the well at above date.
Commenced drilling _____
Completed drilling _____

OIL OR GAS SAND OR ZONES
No. 1 from _____ to _____
No. 2 from _____ to _____
No. 3 from _____ to _____

IMPORTANT WATER SANDS
No. 1 from _____ to _____
No. 2 from _____ to _____
No. 3 from _____ to _____

Tested 4-1/2" casing perforations with 9500 lbs refined oil, 1/100
viscosity per gal, 1-1/2 sand per gal (total 22,500 sand). AIR 25 BPM. IF 4100-
2800.

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, position, and number
of charges. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or burning.

10-43094-2 U. S. GOVERNMENT PRINTING OFFICE

HISTORY OF OIL OR GAS WELL

10-43094-2 U. S. GOVERNMENT PRINTING OFFICE

MUDDING AND CEMENTING RECORD

Size of casing _____
Depth set _____
Mud gravity _____
Mud used _____
Mud gravity _____
Mud used _____

PLUGS AND ADAPTERS

Size _____
Length _____
Depth set _____

SHOOTING RECORD

Size _____
Depth set _____
Quantity _____
Date _____
Depth cleared out _____

TOOLS USED

Rotary tools were used from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet

DATES

Put to producing _____
The production for the first 24 hours was _____ barrels of fluid of which _____% was oil; _____
It was _____ per 24 hours _____
Rock pressure _____ per sq. ft.

EMPLOYEES

Driller _____
Helper _____

FORMATION RECORD

FORMATION _____
TOTAL FEET _____

FORMATION RECORD-Continued

FORMATION _____
TOTAL FEET _____