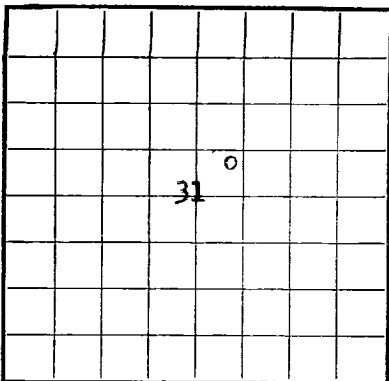


U. S. LAND OFFICE Santa Fe

SERIAL NUMBER 000238

LEASE OR PERMIT TO PROSPECT



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Gulf Oil Corporation Address Production Department
P. O. Box 2097, Denver, Colorado
Lessor or Tract Gallegos-Federal Field Unamed State New Mexico
Well No. 1 Sec. 31 T. 27N R. 12W Meridian NAM County San Juan
Location 2310 ft. N. of N. Line and 2310 ft. E. of E. Line of Section 576
(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

W. D. MITCHELL

Date 11-6-57Title Area Production Superintendent

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

Commenced drilling 10-2, 1957 Finished drilling 10-12, 1957

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 1282 to 1495 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 1157 to 1172 No. 3, from 2690 to 2716
No. 2, from 1212 to 1298 No. 4, from 3528 to 3607
2012 2103 3680 3890

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
8-5/8	24	3RT	SE	233	Guide	_____	_____	_____	Surface
5-1/2	14	3RT	SE	1097	Guide and float	_____	1282	1495	production
		2-3/4" tab	SE	1097	_____	_____	_____	_____	_____

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8	303	250	_____	_____	_____
5-1/2	5106	135	_____	_____	_____

PLUGS AND ADAPTERS

Heaving plug—Material None Length _____ Depth set _____
Adapters—Material _____ Size _____

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
None						

TOOLS USED

Rotary tools were used from surface feet to 5121 feet, and from _____ feet to _____ feet
Cable tools were used from completion feet to _____ feet, and from _____ feet to _____ feet

DATES

_____, 19____ Put to producing _____, 1957

The production for the first 24 hours was 4.80 barrels of fluid of which 100% was oil; _____% emulsion; _____% water; and _____% sediment. Gravity, °Bé. 38

If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. _____ * through 30/64" choke. Flowing Pressure: _____
Casing 650 psi, casing 160 psi.

EMPLOYEES

Arapahoe Drilling Co., RE, Driller _____, Driller
S. S. Francis, AS, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
300	1140	840	Shale with sandstone stringers
1140	1440	300	Sandstone with shale stringers
1440	1608	168	Shale
1608	1695	87	Sandstone with shale stringers
1695	2012	317	Shale with sandstone partings
2012	3890	1878	Sandstone with shale stringers
3890	4473	583	Shale.
4473	4580	107	Shale, sandy
4580	4933	353	Shale with sandstone stringers
4933	5114	181	Sandstone with shale stringers
N-Log tops:			
	Pictured Cliffs	1155'	
	Lewis	1318'	
	Rosoverde	2011'	
	Pt. Lookout	3680'	
	Hancos	3892'	
	1st Gallup	4750'	
	2nd Gallup	4860'	
	3rd Gallup	4976'	

(OVER)

16-43094-4

