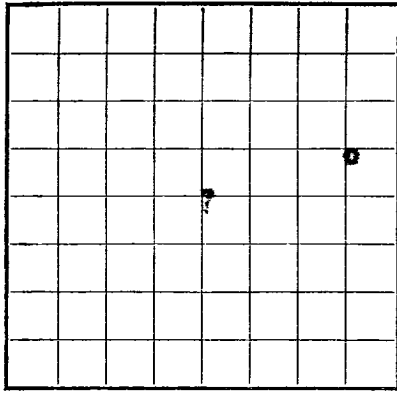


U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 078397
LEASE OR PERMIT TO PROSPECT



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY



LOG OF OIL OR GAS WELL

Company Gulf Oil Corporation Address P. O. Box 2097, Denver, Colorado
Lessor or Tract Eastern Federal Field Unnamed State New Mexico
Well No. 5 Sec. 7 T. 26N R. 11W Meridian 10N County San Juan
Location 1900 ft. N. of 4 Line and 660 ft. E. of 3 Line of Section Elevation 6116'
(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 7-19-57 Title Zone Drilling Engineer

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

Commenced drilling 6-22, 1957 Finished drilling 7-3, 1957

OIL OR GAS SANDS OR ZONES
(Denote gas by G)

No. 1, from 507 1/2 to 5088 (Gas) No. 4, from 531 1/2 to 5326 (Gas)
No. 2, from 5180 to 5195 (Gas) No. 5, from _____ to _____
No. 3, from 5252 to 5266 (Gas) No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from 380 to 565 No. 3, from 360 to 374
No. 2, from 1500 to 1583 No. 4, from 3720 to 3740
2350 2415

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From-	To-	
<u>8-5/8</u>	<u>21</u>	<u>8</u>	<u>310</u>	<u>310</u>	<u>310</u>	<u>310</u>	<u>310</u>	<u>310</u>	<u>Surface</u>
<u>5-1/2</u>	<u>17</u>	<u>8</u>	<u>310</u>	<u>310</u>	<u>310</u>	<u>310</u>	<u>310</u>	<u>310</u>	<u>Production</u>
						<u>5250</u>	<u>5286</u>		
						<u>5313</u>	<u>5327</u>		

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>8-5/8</u>	<u>320</u>	<u>250</u>	<u>HOPE</u>	<u>-</u>	<u>-</u>
<u>5-1/2</u>	<u>5223</u>	<u>165</u>	<u>-</u>	<u>-</u>	<u>-</u>

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
<u>None</u>						

TOOLS USED

Rotary tools were used from surface feet to 5130 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

Put to producing 7-18, 1957
The production for the first 24 hours was 236 barrels of fluid of which 100 % was oil; _____ % emulsion; _____ % water; and _____ % sediment. Gravity, °Bé. 39.6
If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. _____

EMPLOYEES

Arapahoe Drilling Company, Driller _____
_____, Driller _____
_____, Driller _____

FORMATION RECORD

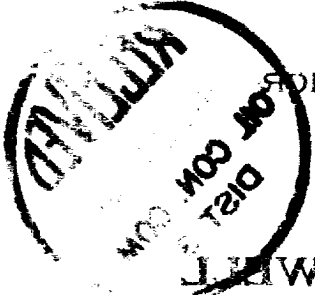
FROM-	TO-	TOTAL FEET	FORMATION
Surface	380	380	Shale with some silt
380	565	185	Sand with shale streaks
565	1165	900	Shale with some sand and silt streaks
1165	1590	125	Sand with shale streaks
1590	2350	760	Shale with some sand and silt streaks
2350	2450	100	Sand with shale streaks
2450	4215	1765	Interbedded shale, sand and silt
4215	5060	845	Shale with silt
5060	0	370	Interbedded shale and sand

E-Log Tops:
Pictured Cliffs 1185'
Lewis 1585'
Mesaverde 2348'
Point Lookout 3948'
Manco 4216'
1st Gallup 5058'
2nd Gallup 5175'
3rd Gallup 5291'

U. S. Land Office
Serial Number
Please refer permit to prospect

Grid for well location and orientation

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY



LOG OF OIL OR GAS WELL

Address
County
This information is available in a complete and correct record of the well and the work done on it. It is the responsibility of the well owner to see that this information is available to the Bureau.

OIL OR GAS SANDS OR ZONES

Table with columns for depth (No. 1, 2, 3 from) and descriptions of sands/zones.

CASING RECORD

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 "detracked" 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 balling.

HISTORY OF OIL OR GAS WELL

Main data table with columns: FROM, TO, TOTAL FEET, FORMATION. Rows include: FORMATION RECORD, EMPLOYERS, TOOLS USED, SHOOTING RECORD, PLUGS AND ADAPTERS, REDDING AND COMMENTING RECORD.