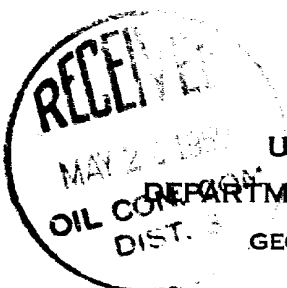


LOCATE WELL CORRECTLY



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Southern Union Gas Company Address 8 1002 Bart Bldg., Dallas, Texas
 Lessor or Tract Navajo Indian Field So. Elanco Pictured Cliffs State New Mexico
 Well No. 3-2 Sec. 19 T. 27N R. 8W Meridian N.M.P.M. County San Juan
 Location 1180 ft. ^[N.] of 8 Line and 1150 ft. ^[E.] of W Line of Section 19 Elevation 6018
(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 May 18, 1959 Signed Paul J. Cloke
Paul J. Cloke Title Mgr., Drilling & Production

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

Commenced drilling ----- ~~March 31~~, 19-~~59~~ Finished drilling ----- ~~April 11~~, 19-~~59~~

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

(Denote gas by G)

Deal Completion No. 1, from PC 2016 to 2148 (a) No. 2, from NY 4280 to 4472 (a) No. 3, from _____ to _____	No. 4, from _____ to _____ No. 5, from _____ to _____ No. 6, from _____ to _____
---	---

IMPORTANT WATER SANDS

No. 1, from _____ to _____ No. 3, from _____ to _____
No. 2, from _____ to _____ No. 4, from _____ to _____

CASING RECORD

[illegible]

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10-3/4	124 EB	150	Halliburton		
7-5/8	2344 EB	200	Halliburton		
5-1/2	2267-4546	273	Halliburton		
2-3/8	4156				

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 1550 feet, and from _____ feet to _____ feet.

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

DATES

~~April 20~~ -----, 19-**39** Put to producing -----, 19-----
 The production for the first 24 hours was ----- barrels of fluid of which ----- % was oil; ----- %
 emulsion; ----- % water; and ----- % sediment. Gravity, °Bé. -----

Gas (cc) released per 48 hours at 1100 psi = 15 cc
 Rock pressure, psi per day = 1100 psi - 7 days

EMPLOYEES

Gardner Bros. Drilling	, Driller	M. W. Barbee	, Driller
Max Carter	, Driller	Orval Cook	, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0-	41	41	Sand
41	2873	2832	Sand & shale
2873	3541	668	Shale
3541	3721	180	Shale C.H. sand
3721	4011	290	Shale
4011	4386	375	Shale, sand and coal
4386	4550 TD	164	Shale and sand
			TOPS:
			Pictured Cliffs 2013'
			Cliff House 3690'
			Point Lookout 4284'

TOPS:	
Pictured Cliffs	2013
Cliff House	3690
Point Lookout	4984

