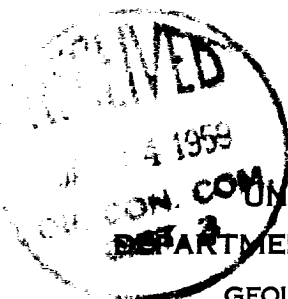


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U. S. LAND OFFICE **New Mexico**
SERIAL NUMBER **03768**
LEASE OR PERMIT TO PROSPECT **EXP. 12-31-1911**

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company San Juan Gas Corporation Address Box 977, Farmington, New Mexico
 Lessor or Tract Federal Field Wildcat State New Mexico
 Well No. 23-1A Sec. 23 T. 24N R. 2W Meridian N.M.P.M. County Rio Arriba
 Location 1800 ft. XXX S. of N Line and 1700 ft. XX W. of E Line of Section 23 Elevation 7368'
 (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 E. S. Oberly
Date January 9, 1959 Title Agent

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

Commenced drilling 11-3- 19 58 Finished drilling 11-8- 19 58

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3333 to 3440 (G) 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 _____ 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		Purpose
							From—	To—	
8 5/8"	24.4	8 Rd.	J-55	121'	Hewco				Surface Prod. tbg.
5 1/2"	15.54	8 Rd.	J-55	3430'	Baker				
1 1/4"	2.44	8 Rd.	Grade "A"	3357'					Siphon

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8"	131'	100	Circulated		
5 1/2"	340'	170	Single Stage		

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
		See Well History				

TOOLS USED

Rotary tools were used from 0 feet to 3440 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

-----**November 22**-----, 19**58**----- 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.

If gas well, cu. ft. per 24 hours 444,000 ----- Gallons gasoline per 1,000 cu. ft. of gas -----

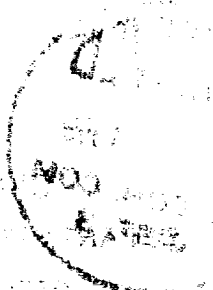
Rock pressure, lbs. per sq. in. -----726----- A.O.F.--469 MCF/D

EMPLOYEES

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	2951	2951	Tan to gry cr-grn ss interbedded w/gry sh.
2951	3041	90	Ojo Alamo ss. White cr-grn s.
3041	3263	222	Kirtland form. Gry sh interbedded w/tight gry fine-grn ss.
3263	3333	70	Fruitland form. Gry carb sh, scattered coals, coals and gry, tight, fine-grn ss.
3333	3440	107	Pictured Cliffs formation. Gry, fine-grn, tight, varicolored soft ss.

[illegible]

2000 AND 2001-02

11-15-58
 Tested squares at 3355, w/2000 psi. Perforated 3336-3342
 (6 DJ/ft); 3342-3348; 3354-3370 (4 DJ/ft); 3380-3398 (2 DJ/ft).
 Traced w/30,000 gallons water w/25 cacti, 30,000# sand. Flushed
 w/5000 gallons water w/25 cacti. HDP 1500 psi, max. 2000 psi,
 TP 1500-1600-1700-1800 psi. Three stages of balls--total 60 balls.

HISTORY OF OIL OR GAS WELL

16-48094-2 U. S. GOVERNMENT PRINTING OFFICE

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