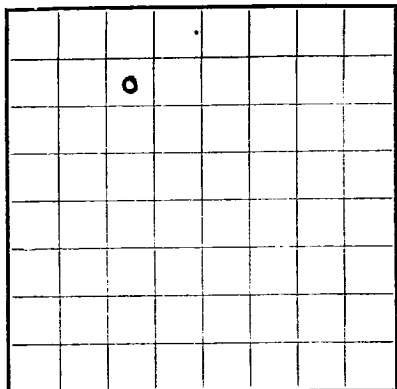


U. S. LAND OFFICE **Santa Fe**
SERIAL NUMBER **079107**
LEASE OR PERMIT TO PROSPECT



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company **Nat'l. Coop. Refinery Association** Address **820 Union Nat'l. Bk. Bldg. Wichita, Kansas**
Lessor or Tract **John Miles** Field **So. Blanco** State **New Mexico**
Well No. **1** Sec. **22** T. **26N** R. **7W** Meridian **N.M.P.M.** County **Arriba**
Location **990** ft. **N** of **N** Line and **1650** ft. **E** of **W** Line of **Section 22** Elevation **6174**
(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 **John A. Egan** Title **Agent**
Date **January 10, 1953**

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

Commenced drilling **November 6**, 19 **52** Finished drilling **December 10**, 19 **52**

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

No. 1, from **2210 0** to **2266** 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 **1550** to **1650** 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
10-3/4"	32#	8	Used	105'	Texas			Surface
7"	20#	8	Used	221 1/2'	Baker			Production

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10-3/4"	105'	50 Reg. Cement	Pump-Plug	10	Displaced
7"	221 1/2'	100 Reg. Cement	" "	10	-----

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
5"		Nitro-Gel	210 lbs.	12-10-52	222 1/2 to 2273'	2269'

TOOLS USED

Rotary tools were used from **0** feet to **2215** feet, and from _____ feet to _____ feet
Cable tools were used from **2215** feet to **2278** feet, and from _____ feet to _____ feet

DATES

December 15, 19 **52** **Well Shut-In**
Put to producing _____

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 **300 McF** Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. **280 ±**

EMPLOYEES

L. Smith, Driller **O. W. Hutchison**, Driller
Tiny Smith, Driller **J. D. Baidridge**, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	400	400	Grey shale and sand
400	680	280	Grey sandy shale
680	1060	380	Grey shale
1060	1075	15	Soft grey sand
1075	1550	475	Grey shale with grey sand
1550	1650	100	Grey cherts with grey sand
1650	2000	350	Green Soft shale
2000	2210	210	Grey carbonaceous shale with thin coal beds at base.
2210	2215	5	Soft grey salt & pepper sand - good SG.
2215	2243	28	Grey sand - slightly hard.
2243	2266	23	Grey sand & shale
2266	2278 TD	12	Dark grey shale

Geologic Tops:

Ojo Alamo 1550'
Kirtland shale 1650'
Fruitland 2000'
Pictured Cliffs 2210'
Lewis shale 2270'

[illegible]

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of re-drilling, 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, 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 drilling.

DECLASSIFIED

DATE 08-09-01 BY SP-6 BJS/BJS

CYRILIC RECORDS

[illegible]

OUT OF THE SYSTEM ON 11/15/52

Директоратот на граѓаните за контрола на државната администрација

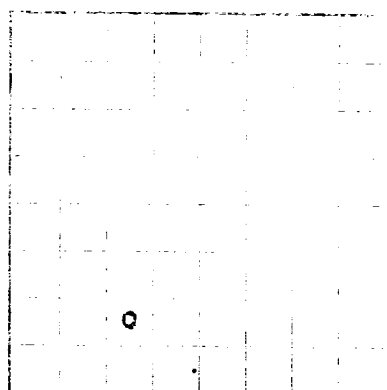
DATE: 10/10/2018

THE INFORMATION CONTAINED HEREIN IS UNCLASSIFIED DATE 08/20/2013 BY 60322 UCBAW/STP

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CONFIDENTIAL

FOOTBALL MEET COMPLETES



FOG OF OIF OF CYS METT

GEOLOGICAL SYMBOLS

DEVELOPMENT OF THE INTERIOR

UNITED STATES

PAPER OF THE BALLS OF BOSTON.

SECRET (C) JUL 68
U.S. MARINE CORPS

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