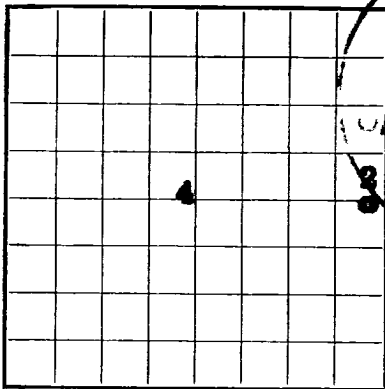




U. S. LAND OFFICE **Santa Fe**
SERIAL NUMBER **081101**
LEASE OR PERMIT TO PROSPECT

UNITED STATES **RECEIVED**
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
JUL 2 1958
FARMINGTON, NEW MEXICO

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company **The Frontier Refining Co.** Address **4040 East Louisiana Avenue Denver 22, Colorado**
Lessor or Tract **Gov't. Chartier** Field **Undesignated** State **New Mexico**
Well No. **2** Sec. **4** T. **26N** R. **12W** Meridian **NMPM** County **San Juan**
Location **2310** ft. **N** of **8** Line and **330** ft. **E** of **E** Line of **Sec. 4** Elevation **6022'GL**
6035'KB
(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 **G. W. Hoffman, Jr.**
Date **June 27, 1958** Title **Field Superintendent**

The summary on this page is for the condition of the well at above date.
Commenced drilling **April 29**, 19 **58** Finished drilling **May 5**, 19 **58**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **5123** to **5159** 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—	
9-5/8	32.3	8rd	H-40	180	Guide	-	-	-	surf csg
5-1/2	15.5	8rd	J-55	5207	Float	-	5123	5159	prod csg

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9-5/8	192	205 sax 2% CaCl ₂ & 1# Floccale	plug & pump	-	-
5 1/2	5219	125 sax 50/50 Diamix & Ideal reg 2% gel	" "	-	-

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
1/2"	Super csg jet	" "	4	5/21	5150	
1/2"	4 holes/ft	" "	144	5/21	5123-59	5162'KB

TOOLS USED

Rotary tools were used from **surface** feet to **5236** feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to **complete** feet, and from _____ feet to _____ feet

DATES

_____, 19____ Put to producing **June 1**, 19 **58**

The production for the first 24 hours was **231** barrels of fluid of which **99.4** % was oil; **1** % emulsion; _____ % water; and _____ % sediment. Gravity, °Bé. **38° e 60°r**

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

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

Sage Drilling Company, Driller _____, Driller
_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
1315	1428	113	Pictured Cliffs
2178	3710	1532	Mesaverde
3778	4030	232	Point Lookout
4030	4895	865	Mancos
4895	5170	875	Gallup

