

U. S. LAND OFFICE **Santa Fe**
SERIAL NUMBER **080238A**
LEASE OR PERMIT TO PROSPECT

UNITED STATES

DEPARTMENT OF THE IN

GEOLOGICAL SURVEY

RECEIVED
JUL 2 1958
U. S. GEOLOGICAL SURVEY
FARMINGTON, NEW MEXICO

31

LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL

Company The Frontier Refining Co. Address 4040 East Louisiana Avenue,
Denver 22, Colorado
Lessor or Tract Gov't. Morgan Field Undesignated State New Mexico
Well No. 5 Sec. 31 T. 27N R. 12W Meridian NMPM County San Juan
Location 2310 ft. XX of N Line and 2202 ft. EE of W Line of Sec. 31 Elevation 5876' KB
5867' GL

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 **G. W. Hoffman**
Title **Field Superintendent**

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

Commenced drilling April 24 1958 Finished drilling May 13 1958

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **4991** to **5019** 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

[illegible]

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
13-3/4	233	215	Plug & pump	-	-
8-3/4	5060	125	" "	-	Cat top 4450' KB

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	capsule jet	Schlm.	14	5/22	5015	
1/2	"	"	112	5/22	4991-5019	5024' KB

TOOLS USED

Rotary tools were used from surface feet to 5070 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to complete set, and from _____ feet to _____ feet

DATES

-----, 19----- Put to producing ----- **May 29**, 19-**58**

The production for the first 24 hours was 199 barrels of fluid of which 99.4% was oil; 1-% emulsion; % water; and % sediment. Gravity, °Bé. 38° @ 60°F.

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

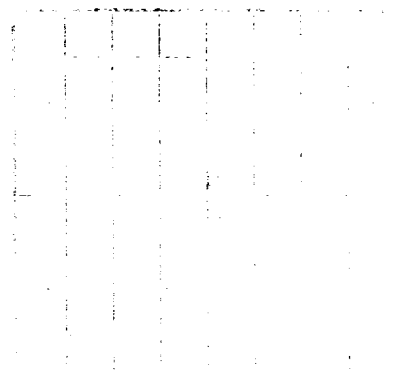
FORMATION RECORD

FROM--	TO--	TOTAL FEET	FORMATION
1182	1455	273	Pictured Cliffs
2018	3630	1612	Mesa Verde
3695	3905	210	Point Lookout
3905	4765	860	Mancos
4765	5040	275	Gallup

LOVER)

15--43094-4

cc: N.M. Oil Conservation Commission (2)



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 "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 bailing.

HISTORY OF OIL OR GAS WELL

10-45094-2 U. S. GOVERNMENT PRINTING OFFICE

[illegible]