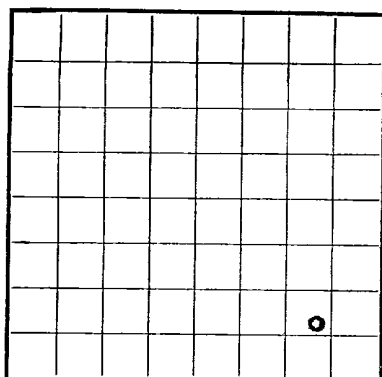




LOCATE WELL CORRECTLY

U. S. LAND OFFICE **Farmington**
SERIAL NUMBER **078004**
LEASE OR PERMIT TO PROSPECTUNITED STATES **RECEIVED**
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYU. S. GEOLOGICAL SURVEY
FARMINGTON NEW MEXICO

LOG OF OIL OR GAS WELL

Company **The Frontier Refining Co.** Address **4040 E. Louisiana Ave., Denver 22, Colo.**
Lessor or Tract **Evensen Government** Field **West Kutz** State **New Mexico**
Well No. **2-GD** Sec. **19** T. **27N** R. **10W** Meridian **NMPM** County **San Juan**
Location **790** ft. **N** of **S** Line and **790** ft. **E** of **E** Line of **Sec. 19** Elevation **5975.95'**
(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 *Rabey J. Funk*
Title **Petroleum Engineer**

Date **July 21, 1959**

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

Commenced drilling **May 2**, 19**59** Finished drilling **May 29**, 19**59**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **1672** to **1810 (G)** No. 4, from _____ to _____
No. 2, from **5516** to **5532** No. 5, from _____ to _____
No. 3, from **6128** to **6348 (G)** 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—	
10-3/4	32.75	8 rd	H-40	268.48'					
7-5/8	26.40	8 rd	H-30	6392	Halliburton		6381	6396	Prod.
							6302	6318	
							6184	6196	
							5523	5531	

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10-3/4	271.03	200 sac 2% CC	Halliburton	10#/gal	
7-5/8	6394	250 - 50% 50% Poz	"	9.4#/gal	
7-5/8	1872 *	75 - 50-50 Poz	"	9.3#/gal	DV tool at 1872'

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

TOOLS USED

Rotary tools were used from **0** feet to **6394** feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

July 21, 1959, 19____ **Tested July 13**, 19**59**
The production for the first 24 hours was **43** barrels of fluid of which **72** % was oil; _____ %
emulsion; **28** % water; and _____ % sediment. Gravity, °Bé. _____

If gas well, cu. ft. per 24 hours **8,200,000** Gallons gasoline per 1,000 cu. ft. of gas _____Rock pressure, lbs. per sq. in. **2900#** **DAKOTA FORMATION**

EMPLOYEES

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
766	1442	676	Kirtland
1442q	1672	230	Fruitland
1672	1810	138	Pictured Cliffs
2582	2682	100	Chacra
3281	3310	29	Cliff House
3310	4110	800	Menefee
4110	4395	285	Point Lookout
4395	5162	767	Mancos
5162	5535	373	Gallup
5650	5655	5	Sanastee
6013	6070	57	Greenhorn
6070	6100	30	Graneros Shale
6100	6108	8	Graneros sandstone
6128	6359	231	Dakota
6359	6395 TD	36	Morrison
5515	5546	31	Core #1)
6210	6252	42	Core #2)
6252	6292	40	Core #3) See descriptions on attached
6292	6342	50	Core #4) sheets
6342	6360	18	Core #5)

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 "sinker" or left in the well, give date and location. If the well has been dynamited, give date, size, position, and number of shots. If pumps or bridges were pulled to test for water, state kind of material used, position, and results of pumping or bailing.

See USGS Form 9-331a Sundry Notices and Reports on Wells.

IMPORTANT WATER SANDS

Oil and Gas Wells and Mines

Geological Survey

Department of the Interior

UNITED STATES

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