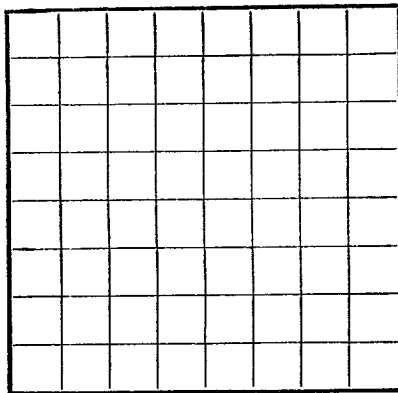


U. S. LAND OFFICE Santa Fe
SERIAL NUMBER NM 014580
LEASE OR PERMIT TO PROSPECT _____UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYRECEIVED
NOV 4 1957
U. S. GEOLOGICAL SURVEY
FARMINGTON, NEW MEXICO

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Royal Development Co. Address Box 1299, Albuquerque, N.M.
Lessor or Tract Paquanche Field Wildcat State New Mexico
Well No. 1 Sec. 10 T. 24N R. 8W Meridian N.M.P.M. County San Juan
Location 465 ft. N. of 5 Line and 465 ft. W. of E Line of Sec 10 Elevation 7011 ft.
(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 [Signature]
Date 10/31/57 Title Business Mgr.

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

Commenced drilling March 24, 1957 Finished drilling May 8, 1957OIL OR GAS SANDS OR ZONES
(Denote gas by G)No. 1, from 6066 to 6700 G No. 4, from 6830 to 6861 G
No. 2, from 6752 to 6780 G No. 5, from 6818 to 6875 G (G)
No. 3, from 6798 to 6811 G (G) No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from 6888 to 6905 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		177			6675	6692	trap
5 1/2	15.75	8					6692	6700	trap
							6700	6752	trap
							6752	6798	trap
							6798	6811	trap
							6811	6830	trap
							6830	6843	trap
							6843	6861	trap
							6861	6875	trap
							6875	6888	trap
							6888	6905	trap
							6905	6926	trap
							6926	6971	trap

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10 3/4	177	175	Halliburton		
5 1/2	6926	2 stage	"		
		Ok. & Gallup			

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 01 feet to 6926 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

P/A 1-8, 1958 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 _____ Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

Dennan Drilling Co. _____, Driller _____, Driller
Farmington, N. M. _____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	1444	1444	put in Tertiary
1444	1592	148	Tertiary sands & shales
1592	2040	448	Ojo Alamo ss; sandstone, minor shale
2040	2189	149	Kirtland fm; shale & sandstone
2189	2282	93	Fruitland fm; shale, sand & coal
2282	3005	723	Pictured Cliffs ss; sand & shale
3005	3535	530	Lewis shale; shale & sand
3535	4558	1023	Liffhouse fm; sand & shale
4558	4798	240	Henefer fm; sand, shale & coal
4798	5633	835	Pt. Lookout ss; sand, minor shale
5633	5943	310	Mancos shale(upper); shale & siltstone
5943	6180	237	Gallup fm; sandstone, siltstone & shale
6180	6282	102	Mancos shale(middle); shale
6282	6507	225	Sandstone ss; siltstone & shale
6507	6560	53	Mancos shale(lower); shale
6560	6666	106	Greenhorn ls; calcareous shale
6666	6860	194	Graneros shale; shale & siltstone
6860	70	66	Dakota sandstone, sand, shale & coal
			Morrison fm; sand & shale
			Bottomed in Morrison

(OVER)

16-48094-4

