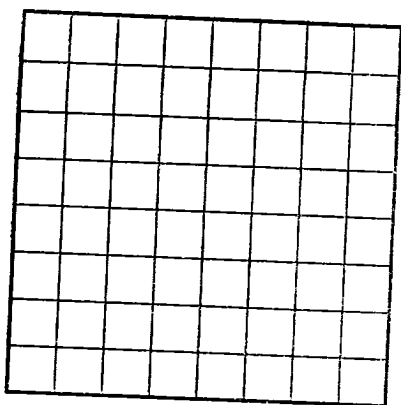


U. S. LAND OFFICE
SERIAL NUMBER **SF-077383**
LEASE OR PERMIT TO PROSPECT **SW/4**

LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company **Kutz Deep Test, Inc.** Address **Denver, Colorado**
Lessor or Tract **Kutz Govt.** Field **Kutz-Fulcher** State **New Mexico**
Well No. **8** Sec. **21** T. **28N** R. **10W** Meridian **NMPM** County **San Juan**
Location **990** ft. **N** of **S** Line and **990** ft. **E** of **W** Line of **Sec. 21** Elevation **6051**
(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.

Date **October 1, 1953**Signed
Title **Agent for Cheyenne Oil Ventures, Inc.**

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

Commenced drilling **8-19**, 19**53** Finished drilling **9-28**, 19**53**
10-1

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **2072** to **2157 (G)** 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—	
10-3/4	40#	8R	Natl.	97	Bell				
7	28#	8R	"	2072	Halliburton				

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10-3/4	97	100	Halliburton		
7	2072	100	"		
1"	2100				

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
4-1/2		SNQ	306 qts	9-28	2081-2157	2157

TOOLS USED

Rotary tools were used from **97** feet to **2072** feet, and from _____ feet to _____ feet
Cable tools were used from **0** feet to **97** feet, and from **2072** feet to **2157** feet

DATES

10-8, 19**53** 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 **1350 MCF** Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. **514#**

EMPLOYEES

Texo Oil Co., Driller

Kimesa Drilling Co., Driller

_____, Driller

_____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	97	97	sand & shale
97	282	185	shale
282	685	403	sand & shale
685	716	31	hard sand
716	820	104	shale & sand stks.
820	855	35	shale
855	1065	210	shale & sand
1065	1075	10	hard sand
1075	1090	15	shale
1090	1275	185	sand & shale
1275	1292	17	shale
1292	1400	108	shale & sand stks.
1400	1565	165	sand & shale
1565	1600	35	sand
1600	1630	30	shale
1630	1690	60	shale & sand stks.
1690	1740	50	shale & sand
1740	1750	10	coal & shale
1750	1760	10	shale
1760	1765	5	coal
1765	1804	39	shale, sand, & coal
1804	1925	121	sand & shale
1925	1948	23	shale, coal, & sand
1948	1965	17	shale & sand
1965	1975	10	hard shale

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.

U. S. GOVERNMENT PRINTING OFFICE

FORMATION	TO—	TOTAL FEET	FROM—
shale & sand	2050	75	1975
coal	2055	5	2050
shale & coal	2068	13	2055
shale	2115	60	2068
shale	2145	17	2115
shale	2157	12	2145
Top Pictured Cliffs 2068			2157
Top Lewis 2150			2175