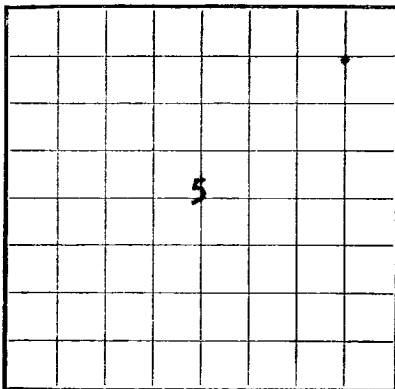


U. S. LAND OFFICE Farmington
SERIAL NUMBER 14 20 603 1265
LEASE OR PERMIT TO PROSPECT Lease

LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company H.F. Sears Address 424 Petroleum Building
Amarillo, Texas
Lessor or Tract Navajo #062577 Field Histi State New Mexico
Well No. 1-5 Sec. 5 T. 24N R. 10W Meridian NNPM County San Juan
Location 660 ft. N of N Line and 660 ft. E of E Line of Sec. 5 Elevation 6681
(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 Joe C. StealyDate January 31, 1961Title Office Manager

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

Commenced drilling 1-30-60, 19 10-19-60 Finished drilling 11-28-60, 19 11-28-60

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 5262 to 5302 O & 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 700 to _____ No. 3, from _____ to _____
No. 2, from 1420 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—	
<u>10 3/4</u>	<u>32.75</u>	<u>8 1/2</u>	<u>Used</u>	<u>30</u>					<u>conductor</u> <u>surface</u> <u>intermediate</u> <u>production</u>
<u>7</u>	<u>23</u>	<u>8 1/2</u>	<u>Used</u>	<u>179</u>					
<u>5 1/2</u>	<u>15.5</u>	<u>8 1/2</u>	<u>Spang</u>	<u>4269</u>					
<u>2 7/8</u>	<u>6.5</u>	<u>8 1/2</u>	<u>used</u>	<u>5426</u>			<u>5262</u>	<u>5303</u>	

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>10 3/4</u>	<u>30</u>	<u>15</u>	<u>Circulated</u>		
<u>7</u>	<u>179</u>	<u>50</u>	<u>Circulated</u>		
<u>5 1/2</u>	<u>4262</u>	<u>None</u>	<u>--</u>		
<u>2 7/8</u>	<u>5426</u>	<u>25</u>	<u>Plug pull up to 4900'</u>		

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length None 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 TD feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

_____, 19____ 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

F.C. Stevens, Driller Elmer Masters
Jack Piner, Driller D.W. Walkup

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>0</u>	<u>30</u>	<u>30</u>	<u>Sand</u>
<u>30</u>	<u>236</u>	<u>206</u>	<u>Sand & Limey Sand</u>
<u>236</u>	<u>270</u>	<u>30</u>	<u>Shale</u>
<u>270</u>	<u>330</u>	<u>60</u>	<u>Clay</u>
<u>330</u>	<u>1008</u>	<u>678</u>	<u>Shale Sand & water</u>
<u>1008</u>	<u>1320</u>	<u>312</u>	<u>Shale</u>
<u>1320</u>	<u>1420</u>	<u>100</u>	<u>Sand & water</u>
<u>1420</u>	<u>4269</u>	<u>2849</u>	<u>Shale & Sand</u>
<u>4269</u>	<u>5270</u>	<u>1001</u>	<u>Shale</u>
<u>5270</u>	<u>5325</u>	<u>55</u>	<u>Coring in Gallup</u>
<u>5325</u>	<u>5426</u>	<u>101</u>	<u>Gallup & Shale</u>

(OVER)

16-48094-4

