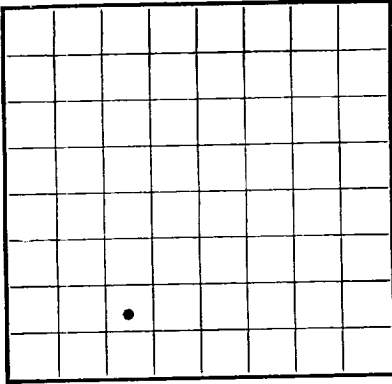


U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 076337

LEASE OR PERMIT TO PROSPECT
Heath Gas Unit

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

RECEIVED
JAN 11 1954
U. S. GEOLOGICAL SURVEY
FARMINGTON, N. M.



LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL

Company Stanolind Oil and Gas Company Address Box 591, Tulsa, Oklahoma
Lessor or Tract Heath Gas Unit "E" Field Blanco-Mesaverde State New Mexico
Well No. 1 Sec. 8 T. 29N R. 9W Meridian NMPM County San Juan
Location 990 ft. ^[N.] of S Line and 1650 ft. ^[E.] of W Line of Section 8 Elevation See remarks
(Barrel 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]
Title Field Superintendent

Date January 7, 1954

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

Commenced drilling November 14, 1953 Finished drilling November 27, 1953

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 1950 to 2130 (G) No. 4, from _____ to _____
No. 2, from 3775 to 4455 (G) 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-	
<u>9-5/8"</u>	<u>32.3</u>	<u>8</u>	<u>National</u>	<u>210</u>	<u>Guide</u>				
<u>7"</u>	<u>20</u>	<u>8</u>	<u>Guides</u>	<u>348</u>	<u>Guides</u>				
<u>2-3/8"</u>	<u>4.7</u>	<u>8</u>	<u>J & L</u>	<u>1076</u>	<u>Oil OK</u>	<u>CV2 METT</u>	<u>4370</u>	<u>4376</u>	

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>9-5/8"</u>	<u>250</u>	<u>190</u>	<u>Displacement</u>		
<u>7"</u>	<u>3666</u>	<u>320</u>	<u>Displacement</u>		

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
<u>4-1/2"</u>	<u>Tin Torpedo</u>	<u>Hercules Slow</u>	<u>2180 Qts.</u>	<u>11/27/53</u>	<u>3716-4515</u>	<u>4515</u>
		<u>Detonating</u>				

TOOLS USED

Rotary tools were used from 0 feet to 4515 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

Put to producing December 8, 1953, 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 2,060,000 Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. 972

EMPLOYEES

C. R. Means, Driller W. H. Lingo, Driller
N. F. Cooper, Driller _____, Driller

FORMATION RECORD

FROM-	TO-	TOTAL FEET	FORMATION
<u>0</u>	<u>250</u>	<u>250</u>	<u>Surface sand and rocks</u>
<u>250</u>	<u>1950</u>	<u>1700</u>	<u>Sand and shale</u>
<u>1950</u>	<u>2130</u>	<u>180</u>	<u>Sand (Top Pictured Cliffs - 1950')</u>
<u>2130</u>	<u>3775</u>	<u>1645</u>	<u>Shale</u>
<u>3775</u>	<u>3955</u>	<u>180</u>	<u>Sand (Top Cliffhouse - 3775')</u>
<u>3955</u>	<u>4325</u>	<u>370</u>	<u>Sand and shale (Top Menefee - 3955')</u>
<u>4325</u>	<u>4455</u>	<u>130</u>	<u>Sand (Top Point Lookout - 4325')</u>
<u>4455</u>	<u>4515</u>	<u>60</u>	<u>Shale (Top Mancos - 4455')</u>

FOLD MARK

