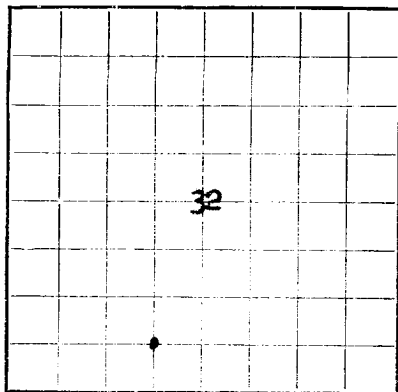


U. S. LAND OFFICE

14-20-604-90

LEASE OR PERMIT TO PROSPECT



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Tennessee Gas Transmission Co. Address P. O. Box 1772, Casper, Wyoming
Lessor or Tract Ute Mountain Tribe "B" Field S.W. Barker Dome State New Mexico
Well No. 3 Sec. 32 T. 31N R. 15W Meridian NMPM County San Juan
Location 760 ft. N of S. Line and 1980 ft. E. of W. Line of Section 32 Elevation 5471'
(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 _____

Date November 30, 1956Title Patterson Jay
District Superintendent

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

Commenced drilling October 17, 19 56 Finished drilling November 5, 19 56

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2350 to 2420 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 NONE TESTED 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>8-5/8</u>	<u>28</u>	<u>8</u>	<u>CF&I</u>	<u>93.57</u>	<u>Baker Texas Pattern</u>				<u>Surface Production</u>
<u>5-1/2</u>	<u>15.5</u>	<u>8</u>	<u>Lone Star (67.69)</u>	<u>Baker</u>					
<u>5-1/2</u>	<u>14</u>	<u>8</u>	<u>Spang</u>	<u>1732.12</u>	<u>Guide</u>				

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of cement used
<u>8-5/8</u>	<u>105</u>	<u>90 (50-50 Pozmix)</u>	<u>Plug</u>		<u>Circ. to surface</u>
<u>5-1/2</u>	<u>2336</u>	<u>100 (50-50 Pozmix)</u>	<u>Plug</u>		<u>100 sxs.</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

TOOLS USED

Rotary tools were used from 0 feet to 2431 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

November 30, 19 56 Put to producing November 17, 19 56
The production for the first 24 hours was 83 barrels of fluid of which 100 % was oil; 0 %
emulsion; 9 % water; and 0 % sediment. Gravity, °Bé. 40
If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. _____

EMPLOYEES

Teague _____, Driller Barnes _____, Driller
Hinson _____, Driller Green _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>0</u>	<u>10</u>	<u>10</u>	<u>K. B. to G.L.</u>
<u>10</u>	<u>720</u>	<u>710</u>	<u>Shale and shaley sandstone.</u>
<u>720</u>	<u>1140</u>	<u>420</u>	<u>Sandstone with shale stringers.</u>
<u>1140</u>	<u>2337</u>	<u>1197</u>	<u>Shale.</u>
<u>2337</u>	<u>2431 TD</u>	<u>94</u>	<u>Sand and shale.</u>

Core #1: 2337-2348 Rec. 11' - 2337-2338, sh blk, poker chip, rotten on top; 2338-2340, sh, blk, dense, w/1 vert frac; 2340-2341.5 sh, blk, few thin sd pts, sly calcareous; 2341.5-2348 sh, blk, poker chip, 2 vert frac at 45°, few thin pts of sd.

Core #2: 2348-2374 Rec. 24' - 2348-49 sh, blk, carb, fossil, 1 vert frac; 2349-49.5 sh, blk, carb, no frac; 2349.5-52.5 sh, blk, carb, scattered fossils, w/stks sd, 2 vert fracs; 2352.5-61 sh, blk, carb, foss, w/stks sd, 1-8" sd stk at 2356, ss, cor grt, lay, NS; 2361-72 sh, blk, carb, sd stks up to 2" thick, several WF, 1 open, 2 to 3 closed fracs scattered thru out section. Poker chip sh in lower 3'; 2372-74 not recovered.

Core #3: 2374-2383 Rec. 4-1/2' - 2374-78.5 sh, blk, carb, w/thin sd stks, 2 VF in top; 2378.5-81 not recovered.

(over)

[OVER]

1007 24 1 90 10 10 001

The following information was obtained from the records of the
 Department of the Interior, Bureau of Land Management, and the
 Bureau of Reclamation, and is being furnished to you for your
 information. The information is being furnished to you for your
 information and is not to be used for any other purpose.
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 and is not to be used for any other purpose.

de la que se deduce que los cambios en el índice de precios de consumo de la zona de influencia

REF ID: A66463

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It is of the greatest importance to have a complete history of the well. Please state in detail the dates of recording, 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.

HISTORY OF OIL OR GAS WELL

U. S. GOVERNMENT PRINTING OFFICE: 1964 O - 348-242

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