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OIL CON. COM.
DIST 3

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 065557-A
LEASE OR PERMIT TO PROSPECT

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

U. S. GEOLOGICAL SURVEY
ALBUQUERQUE, NEW MEXICO

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Tennessee Gas Transmission Co. Address P. O. Box 1714, Durango, Colorado
Lessor or Tract Cornell Dakota Gas Unit "A" Field Basin Dakota State New Mexico
Well No. 1 Sec. 10 T. 29N R. 12W Meridian 10CPM County San Juan
Location 1180 ft. S of N Line and 790 ft. E of W Line of Section 10 Elevation 5679

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: L. B. Plumb L. B. Plumb

Date _____ Title District Production Sept.

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

Commenced drilling 12 - 28 19 60 Finished drilling 1 - 12 19 61

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

(Denote gas by G)									
No. 1, from	6274	to	6286	G	No. 4, from	6337	to	6449	G
No. 2, from	6354	to	6377	G	No. 5, from	6451	to	6458	G
No. 3, from	6379	to	6386	G	No. 6, from		to		

IMPORTANT WATER SANDS

No. 1, from None to _____

No. 2, from _____ to _____

No. 3, 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—	
8 3/8	24	8	Long Star	25	cut	cut	62 1/2	65 1/2	Surveys
8 1/2	25	8	Long Star	25	cut	cut	62 1/2	65 1/2	Production
HISTORY OF CASE OF CV2 METT									
TO: 43007-3 FROM: 43007-3									

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8	263	150	Plug		
4 1/2	6494	250	Plug		

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 6510 feet, and from - - feet to - - feet.

Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet.

DATES

19.	Put to producing	7.9 MCF calc. from 3 hour test. January 30, 1951	709
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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. _____

Rock pressure, lbs. per sq. in.

EMPLOYEES

_____, Driller

_____, Driller

FORMATION RECORD

FROM-	TO-	TOTAL FEET	FORMATION
0'	11'	11'	KB to ground level
11'	350'	339'	Shale and Sand
350'	500'	150'	Sands and Conglomerate
500'	1200'	700'	Sands and Shale
1200'	3300'	1100'	Shale and Sand stringers
3300'	4480'	1180'	Sand and Shale
4480'	5400'	920'	Shale
5400'	5775'	375'	Sandy shale
5775'	6270'	495'	Shale
6270'	6510'	240'	Sands and Shale

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LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

A blank sheet of white graph paper with a light gray grid pattern. The grid consists of small squares, approximately 1 cm by 1 cm each. There are about 20 columns and 20 rows visible on the page.

Company Name _____
Address _____
City _____ State _____ Zip _____
Phone Number _____

Log No. _____ Date _____
Well Name _____ Location _____
Operator _____

Drill Bit Size _____
Casing Size _____
Cement Type _____
Mud Weight _____

Remarks:

Spudded well at 8:00 AM 12-27-60. Drilled 12 1/4" hole to 2631, set 251' of
8 5/8" J-55, 2# casing @ 261, and cemented with 150 ex 2% CMC2. Plug down @
5:30 AM 12-28-60, cement circulated to surface. Tested casing w/ 1200# @ 5:30 AM
12-29-60, for 30 min. Drilled 7 7/8" hole to 2675, cored from 2675'. Drilled
7 1/8" hole to TD @ 6510'. Ran ES-Induction log (6478-256), accurate velocity
log (6475-5250), Set 6483 5/8" ID casing @ 6474, casing @ 6474, w/ stage
collar @ 2006', and cemented w/ 250 ex 50-50 Portland cement in two stages. First
stage 200 sacks 50-50 Portland 6% gel and 12 1/2 galts/cite per sack. Plug down
@ 4:20 AM, 1-12-61. RFD 6466. Run temperature survey, indicated top of cement
at 5100'. Second stage - 50 ex 50-50 Portland 2% gel and 12 1/2 galts/cite per
sack thru stage collar. Plug down @ 10:45 AM 1-12-61. Cleared to RFD and treated
casing w/ 3200# 1-19-61. Ran gamma ray collar locator and perforated 6382-66,
6452-58, 6437-39, 6358-75, and 6214-65. Sand placed w/ 130,000# sand and
90,000 gal killed water w/ fluid loss add. Minimum treating pressure 2200#. Maximum
treating pressure 3100#. Ran 6257, or 2 3/8" RUE, 4-7#, J-55, 8 rd thd
seamless tubing and landed @ 6268'. Potential test 1-30-61. Well flowed
7,938 MCFD on 3 1/4" ck. Calc open flow 9,300 MCFB. IS 636#, CE 101#, Cond
recovery - 42 bbl/MCF. SIPP 1979 pots.

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.

HISTORY OF OIL OR GAS WELL

U. S. GOVERNMENT PRINTING OFFICE: 1964 O - 350-222

FORMATION	FORMATION RECORD	EMPLOYEES	TO—	FROM—
ELECTRIC LOG TOPS 395 Ojo Alamo 505 Kirtland 917 Farmington Sands 1115 Fruitland 1762 Pictured Cliff 1845 Lewis Shale 3309 Mesa Verde Group 4490 Mancos Shale 5405 Gallup 5791 Lower Mancos 6173 Green Horn 6222 Dakota	Shale v/ sd. streaks. Arg: sd, v/ fine grain, bleeding all, w/ thin sh streaks. Lam sd and sh, tight, slight oil show, abundant vt. fr. Bk sh, abundant fr w/ ool. thin sd streaks.	Duffie Duffie	5675 5676 5683 5693 5735	CORE NO. 1 5675 5676 5683 5683 5693 5735

FORMATION RECORD—Continued