

R12W

Budget Bureau No. 42-R355.4.
Approval expires 12-31-60

Santa Fe, N.M.

U. S. LAND OFFICE

MM-024158

SERIAL NUMBER

LEASE OR PERMIT TO PROSPECT

JUNG 444

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Texas Eastern Transmission Corp. Address P. O. Box 1189, Houston 1, Texas
Lessor or Tract Rice Unit Field Dakota State New Mexico
Well No. 1 Sec. 20 T. 30N R. 12W Meridian RMPM County San Juan
Location 855 ft. N. of S Line and 790 ft. E. of W Line of Section 20 Elevation 5685

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

J. D. Fudge

Il. H. Fisher

Date **May 22, 1961**

Title **Chief Production Clerk**

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

Commenced drilling April 4 1961 Finished drilling April 24 1961

OIL OR GAS SANDS OR ZONES

(Denote gas by $\bar{G}$)

(Denote gas by G)
 No. 1, from 6316 to 6328 No. 4, from 6432 to 6445
 No. 2, from 6338 to 6350 No. 5, from to
 No. 3, from 6381 to 6420 No. 6, from to

IMPORTANT WATER SANDS

No. 1, from _____ 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 5/8	24	8RD	Nat.	320	G.S.				Surface
4 1/2	9.5	8RD	Nat.	6502	G.S.				Production

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8	320	260 sx. Common	Pump & Plug	-	-
4 1/2	6582	250 sx. Pozmix	Pump & Plug	-	-
		+120 sx. Pozmix	Pump & Plug		
		D.V. @ 2010			

None PLUGS AND ADAPTERS

Heaving plug—Material None Length Depth set
Adapters—Material None Size

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
None						

TOOLS USED

Rotary tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

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

DATES

5-14	61	Put to producing	-	19 -
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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 3,589 MCF Gallons gasoline per 1,000 cu. ft. of gas "

Rock pressure, lbs. per sq. in. ----- 1,862

EMPLOYEES

Re. Hutzenbiller	Driller	Glen Sanford	Driller
Clair Wilson	Driller		Driller

FORMATION RECORD

FROM-	TO-	TOTAL FEET	FORMATION
0-100	100-200	100	T. Ojo Alamo
100-200	200-300	200	T. Kirkland-Fruitland 390
200-300	300-400	300	T. Farmington 703
300-400	400-500	400	T. Pictured Cliffs 1,784
400-500	500-600	500	T. Menards 3,475
500-600	600-700	600	T. Point Lookout 4,165
600-700	700-800	700	T. Wanona 4,510
700-800	800-900	800	T. Dakota 6,316
800-900	900-1000	900	
900-1000	1000-1100	1000	
1000-1100	1100-1200	1100	
1100-1200	1200-1300	1200	
1200-1300	1300-1400	1300	
1300-1400	1400-1500	1400	
1400-1500	1500-1600	1500	
1500-1600	1600-1700	1600	
1600-1700	1700-1800	1700	
1700-1800	1800-1900	1800	
1800-1900	1900-2000	1900	
1900-2000	2000-2100	2000	
2000-2100	2100-2200	2100	
2100-2200	2200-2300	2200	
2200-2300	2300-2400	2300	
2300-2400	2400-2500	2400	
2400-2500	2500-2600	2500	
2500-2600	2600-2700	2600	
2600-2700	2700-2800	2700	
2700-2800	2800-2900	2800	
2800-2900	2900-3000	2900	
2900-3000	3000-3100	3000	
3000-3100	3100-3200	3100	
3100-3200	3200-3300	3200	
3200-3300	3300-3400	3300	
3300-3400	3400-3500	3400	
3400-3500	3500-3600	3500	
3500-3600	3600-3700	3600	
3600-3700	3700-3800	3700	
3700-3800	3800-3900	3800	
3800-3900	3900-4000	3900	
3900-4000	4000-4100	4000	
4000-4100	4100-4200	4100	
4100-4200	4200-4300	4200	
4200-4300	4300-4400	4300	
4300-4400	4400-4500	4400	
4400-4500	4500-4600	4500	
4500-4600	4600-4700	4600	
4600-4700	4700-4800	4700	
4700-4800	4800-4900	4800	
4800-4900	4900-5000	4900	
4900-5000	5000-5100	5000	
5000-5100	5100-5200	5100	
5100-5200	5200-5300	5200	
5200-5300	5300-5400	5300	
5300-5400	5400-5500	5400	
5400-5500	5500-5600	5500	
5500-5600	5600-5700	5600	
5600-5700	5700-5800	5700	
5700-5800	5800-5900	5800	
5800-5900	5900-6000	5900	
5900-6000	6000-6100	6000	
6000-6100	6100-6200	6100	
6100-6200	6200-6300	6200	
6200-6300	6300-6400	6300	
6300-6400	6400-6500	6400	
6400-6500	6500-6600	6500	
6500-6600	6600-6700	6600	
6600-6700	6700-6800	6700	
6700-6800	6800-6900	6800	
6800-6900	6900-7000	6900	
6900-7000	7000-7100	7000	
7000-7100	7100-7200	7100	
7100-7200	7200-7300	7200	
7200-7300	7300-7400	7300	
7300-7400	7400-7500	7400	
7400-7500	7500-7600	7500	
7500-7600	7600-7700	7600	
7600-7700	7700-7800	7700	
7700-7800	7800-7900	7800	
7800-7900	7900-8000	7900	
7900-8000	8000-8100	8000	
8000-8100	8100-8200	8100	
8100-8200	8200-8300	8200	
8200-8300	8300-8400	8300	
8300-8400	8400-8500	8400	
8400-8500	8500-8600	8500	
8500-8600	8600-8700	8600	
8600-8700	8700-8800	8700	
8700-8800	8800-8900	8800	
8800-8900	8900-9000	8900	
8900-9000	9000-9100	9000	
9000-9100	9100-9200	9100	
9100-9200	9200-9300	9200	
9200-9300	9300-9400	9300	
9300-9400	9400-9500	9400	
9400-9500	9500-9600	9500	
9500-9600	9600-9700	9600	
9600-9700	9700-9800	9700	
9700-9800	9800-9900	9800	
9800-9900	9900-10000	9900	
9900-10000	10000-10100	10000	
10000-10100	10100-10200	10100	
10100-10200	10200-10300	10200	
10200-10300	10300-10400	10300	
10300-10400	10400-10500	10400	
10400-10500	10500-10600	10500	
10500-10600	10600-10700	10600	
10600-10700	10700-10800	10700	
10700-10800	10800-10900	10800	
10800-10900	10900-11000	10900	
10900-11000	11000-11100	11000	
11000-11100	11100-11200	11100	
11100-11200	11200-11300	11200	
11200-11300	11300-11400	11300	
11300-11400	11400-11500	11400	
11400-11500	11500-11600	11500	
11500-11600	11600-11700	11600	
11600-11700	11700-11800	11700	
11700-11800	11800-11900	11800	
11800-11900	11900-12000	11900	
11900-12000	12000-12100	12000	
12000-12100	12100-12200	12100	
12100-12200	12200-12300	12200	
12200-12300	12300-12400	12300	
12300-12400	12400-12500	12400	
12400-12500	12500-12600	12500	
12500-12600	12600-12700	12600	
12600-12700	12700-12800	12700	
12700-12800	12800-12900	12800	
12800-12900	12900-13000	12900	
12900-13000	13000-13100	13000	
13000-13100	13100-13200	13100	
13100-13200	13200-13300	13200	
13200-13300	13300-13400	13300	
13300-13400	13400-13500	13400	
13400-13500	13500-13600	13500	
13500-13600	13600-13700	13600	
13600-13700	13700-13800	13700	
13700-13800	13800-13900	13800	
13800-13900	13900-14000	13900	
13900-14000	14000-14100	14000	
14000-14100	14100-14200	14100	
14100-14200	14200-14300	14200	
14200-14300	14300-14400	14300	
14300-14400	14400-14500	14400	
14400-14500	14500-14600	14500	
14500-14600	14600-14700	14600	
14600-14700	14700-14800	14700	
14700-14800	14800-14900	14800	
14800-14900	14900-15000	14900	
14900-15000	15000-15100	15000	
15000-15100	15100-15200	15100	
15100-15200	15200-15300	15200	
15200-15300	15300-15400	15300	
15300-15400	15400-15500	15400	
15400-15500	15500-15600	15500	
15500-15600	15600-15700	15600	
15600-15700	15700-15800	15700	
15700-15800	15800-15900	15800	
15800-15900	15900-16000	15900	
15900-16000	16000-16100	16000	
16000-16100	16100-16200	16100	
16100-16200	16200-16300	16200	
16200-16300	16300-16400	16300	
16300-16400	16400-16500	16400	
16400-16500	16500-16600	16500	
16500-16600	16600-16700	16600	
16600-16700	16700-16800	16700	
16700-16800	16800-16900	16800	
16800-16900	16900-17000	16900	
16900-17000	17000-17100	17000	
17000-17100	17100-17200	17100	
17100-17200	17200-17300	17200	
17200-17300	17300-17400	17300	
17300-17400	17400-17500	17400	
17400-17500	17500-17600	17500	
17500-17600	17600-17700	17600	
17600-17700	17700-17800	17700	
17700-17800	17800-17900	17800	
17800-17900	17900-18000	17900	
17900-18000	18000-18100	18000	
18000-18100	18100-18200	18100	
18100-18200	18200-18300	18200	
18200-18300	18300-18400	18300	
18300-18400	18400-18500	18400	
18400-18500	18500-18600	18500	
18500-18600	18600-18700	18600	
18600-18700	18700-18800	18700	
18700-18800	18800-18900	18800	
18800-18900	18900-19000	18900	
18900-19000	19000-19100	19000	
19000-19100	19100-19200	19100	
19100-19200	19200-19300	19200	
19200-19300	19300-19400	19300	
19300-19400	19400-19500	19400	
19400-19500	19500-19600	19500	
19500-19600	19600-19700	19600	
19600-19700	19700-19800	19700	
19700-19800	19800-19900	19800	
19800-19900	19900-20000	19900	
19900-20000	20000-20100	20000	
20000-20100	20100-20200	20100	
20100-20200	20200-20300	20200	
20200-20300	20300-20400	20300	
20300-20400	20400-20500	20400	
20400-20500	20500-20600	20500	
20500-20600	20600-20700	20600	
20600-20700	20700-20800	20700	
20700-20800	20800-20900	20800	
20800-20900	20900-21000	20900	
20900-21000	21000-21100	21000	
21000-21100	21100-21200	21100	
21100-21200	21200-21300	21200	
21200-21300	21300-21400	21300	
21300-21400	21400-21500	21400	
21400-21500	21500-21600	21500	
21500-21600	21600-21700	21600	
21600-21700	21700-21800	21700	
21700-21800	21800-21900	21800	
21800-21900	21900-22000	21900	
21900-22000	22000-22100	22000	
22000-22100	22100-22200	22100	
22100-22200	22200-22300	22200	
22200-22300	22300-22400	22300	
22300-22400	22400-22500	22400	
22400-22500	22500-22600	22500	
22500-22600	22600-22700	22600	
22600-22700	22700-22800	22700	
22700-22800	22800-22900	22800	
22800-22900	22900-23000	22900	
22900-23000	23000-23100	23000	
23000-23100	23100-23200	23100	
23100-23200	23200-23300	23200	
23200-23300	23300-23400	23300	
23300-23400	23400-23500	23400	
23400-23500	23500-23600	23500	
23500-23600	23600-23700	23600	
23600-23700	23700-23800	23700	
23700-23800	23800-23900	23800	
23800-23900	23900-24000	23900	
23900-24000	24000-24100	24000	
24000-24100	24100-24200	24100	
24100-24200	24200-24300	24200	
24200-24300	24300-24400	24300	
24300-24400	24400-24500	24400	
24400-24500	24500-24600	24500	
24500-24600	24600-24700	24600	
24600-24700	24700-24800	24700	
24700-24800	24800-24900	24800	
24800-24900	24900-25000	24900	
24900-25000	25000-25100	25000	
25000-25100	25100-25200	25100	
25100-25200	25200-25300	25200	
25200-25300	25300-25400	25300	
25300-25400	25400-25500	25400	
25400-25500	25500-25600	25500	
25500-25600	25600-25700	25600	
25600-25700			

FROM-	TO-	TOTAL FEET	FORMATION
0	390	390	Sandstone w/sh. Int. beds
390	1445	1055	Shale w/minor sand beds
1445	1784	339	Shale - siltstone and coal
1784	1885	101	Sandstone
1885	3373	1488	Shale
3373	4510	1137	Sandstone and Shale
4510	5458	948	Shale
5458	5760	302	Siltstone & Silty Shale
5760	5945	185	Shale
5945	6213	268	Shale
6213	6265	52	Shale
6265	6916		Shale
6916	6988		Sandstone
6988	6592	204	Sandstone w/int. beds of carbonaceous 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, 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.

1. Part. 4 1/2" casing in the following intervals: 6316'-6328', 6338'-6350', 6381'-6240', and 6432'-6441', all in the Dakota formation.

2. a. Fracture 6432'-6441' w/30,000# 20-40 sand and 42,000 gallons.
b. Fracture 6381'-6420' w/30,000# 20-40 sand and 37,000 gallons.
c. Fracture 6316'-6328' w/30,000# 20-40 sand and 39,000 gallons.

Official Potential Test: May 14, 1961.

7 Day Shut in pressure 1862# SIFP

1864# SIFP

Flowed 3 hours on 3/4" choke Absolute potential 4,080 MCF per day at 60" P and 15.025 psia.

HISTORY OF OIL OR GAS WELL

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY