

State of Maryland
 Department of Natural Resources
 Energy & Coastal Zone Administration
 Tawes State Office Building
 Annapolis, Maryland 21401

Permit Number 109
 Well Number 7
 Company Texas Eastern
Trans. Corp.
 County Garrett

COMPLETION REPORT

(oil or gas well)

This report must be submitted within 30 days after completion of the well

WELL DESCRIPTION - KIND OF WELL: Gas Storage

(Oil, Gas, Other)

NAME & WELL NO. <u>USA Savage River State Forest</u> <u>Well #7</u>	Size of Casting and Tubing	Used in Drilling	Left in Well	Packers: Type, Size and Depth
ELEVATION: <u>2823 Gr.</u> LEASE: _____	13 3/8"	689	689	
DRILLING COMMENCED: <u>7-10-76</u> DRILLING COMPLETED: <u>9-8-76</u>	9 5/8"	4192	4192	
PRODUCTION: <u>Gas Storage</u>	7"	7962	7962	
RESERVOIR PRESSURE _____ psig _____ hrs.	2 3/8"	0	8011	
WELL TREATMENT: (Shooting, Acidizing, Fracturing, Etc.) <u>Oriskany OH with 30,000 gallons 15% HCL</u>				
<u>Chert Perfs with 3,000 gallons 15% HCL</u>				PERFORATIONS AT: <u>7835'-7860'</u>
<u>+ 37,000 gallons gellen water and 24,000#</u>				<u>2 shots/foot</u>
<u>20-40 sand.</u>				
RESERVOIR PRESSURE AFTER TREATMENT: _____	CEMENTING DATA: (Size Pipe, Depth, No. Bags, Date)			
RESULTS AFTER TREATMENT: <u>531 MCF/D</u>	<u>13 3/8" 689' 300 sx Thixotropic 7-24-76</u>			
REMARKS:	<u>9 5/8" 4192' 785 sx Lite + 200 sx regular 8-15-76</u>			
	<u>7" 7962' 1st. stage 275 sx 50-50 Pozmix+ 50 sx</u>			
	<u>latex. 2nd. stage 1100 sx 25-75 Pozmix + 50</u>			
	<u>sx latex 8-27-76</u>			
	GEOPHYSICAL LOGS (Type of Geophysical Logs Run on Well)			
	Gamma Ray Neutron			
	Formation Density			

GEOLOGICAL LOG

FORMATION	TOP	BOTTOM	GAS AT	OIL AT	WATER AT (Fresh or Salt Water)	REMARKS
Benson Sandstone	4019	4086				
Tully Lime	6979					
Onondaga Lime	7811	7829				
Huntersville Chert	7829	7920	7840			
Needmore Shale	7920	7956				
Oriskany Sandstone	7956	8125	7960 8070			
Helderberg Lime	8125					

This completion report is accurate to the best of my knowledge.

Date 10/1, 19 76

APPROVED W. J. Vaughan

By Manager - Resources Administration
(Title)

COMPANY Texaco Eastern

STATE OF MARYLAND
 DEPARTMENT OF NATURAL RESOURCES
 ENERGY AND COASTAL ZONE ADMINISTRATION
 TAWES STATE OFFICE BUILDING
 ANNAPOLIS, MARYLAND 21401

quest 109
Camp 9-8-76
TD 8125?
Helderberg
Gas storage

APPLICATION FOR PERMIT TO DRILL OIL OR GAS WELL

(Applications must be submitted in triplicate)

USA Savage River State Forest #7

OWNER Texas Eastern Transmission Corp.
 STREET or R.F.D. P. O. Box 2521
 POST OFFICE Houston, Texas 77001

LOCATION OF WELL _____
 COUNTY Garrett
 NEAREST POST OFFICE Accident
 Distance from Post Office 15,765.16 feet
 Direction from Post Office N 85° 38' 42" W
to Northeast corner of post office.

PERMIT TO DRILL WELL

NOT TO BE FILLED IN BY APPLICANT

PERMIT NO. 109

APPROXIMATE DEPTH OF WELL (feet) 8100

The permit is herewith granted subject to the conditions stipulated.

Anthony J. Allen
 Mining Administrator

METHOD OF DRILLING Rotary

DEEPEST GEOLOGIC FORMATION
 WELL WILL BE DRILLED into Helderberg

Date June 4, 1976

DISTANCE OF WELL LOCATION
 TO NEAREST BUILDING (feet) None within 1500'

Special conditions that may apply:

GAS STORAGE WELL ONLY

NUMBER OF SHIFTS PER DAY Three

Names of drillers must be furnished prior to drilling of well.

LICENSED DRILLER IN CREW OF EACH SHIFT
NAME ADDRESS

To be supplied prior to commencement of drilling.

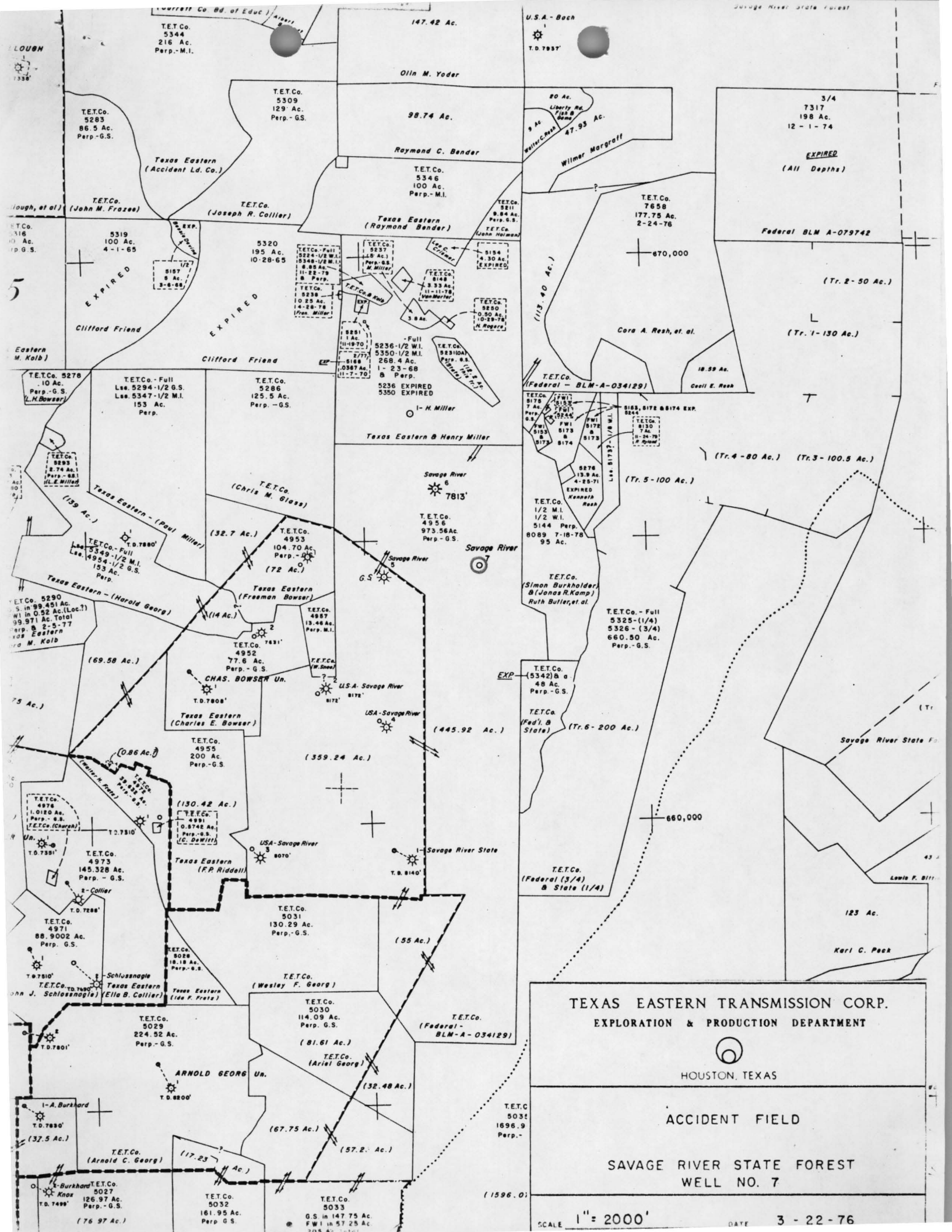
These names may be supplied later but before drilling begins

The names and post office addresses of the owners of the tracts of land included on the plat or map accompanying the application are to be given below.

SEE ATTACHED LIST

NOTE

A BOND FOR \$2,500 PAYABLE TO THE STATE OF MARYLAND MUST ACCOMPANY THE APPLICATION THIS APPLICATION FORM MUST BE FILLED OUT WITH TYPEWRITER OR IN BLOCK LETTERS



U.S.A. - Beach
T.D. 7937

T.E.T.Co.
5344
216 Ac.
Perp.-M.I.

147.42 Ac.

Olin M. Yoder

98.74 Ac.

Raymond C. Bender

80 Ac.

Liberty Rd.
Fish &
Woods

47.95 Ac.

Wilmer Margraff

3/4
7317
198 Ac.
12-1-74

EXPIRED
(All Depths)

Federal BLM A-079742

(Tr. 2-50 Ac.)

(Tr. 1-130 Ac.)

870,000

Cora A. Resh, et al.

18.39 Ac.

Cecil E. Resh

T.E.T.Co.
Federal - BLM-A-034129

T.E.T.Co.
5211
8.84 Ac.
Perp.-G.S.

T.E.T.Co.
5212
4.30 Ac.
EXPIRED

T.E.T.Co.
5213
1.50 Ac.
EXPIRED

T.E.T.Co.
5214
1.0-29-78

T.E.T.Co.
5215
1.0-29-78

T.E.T.Co.
5216
1.0-29-78

T.E.T.Co.
5217
1.0-29-78

T.E.T.Co.
5218
1.0-29-78

T.E.T.Co.
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T.E.T.Co.
5220
1.0-29-78

T.E.T.Co.
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T.E.T.Co.
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T.E.T.Co.
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T.E.T.Co.
5252
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T.E.T.Co.
5253
1.0-29-78

T.E.T.Co.
5254
1.0-29-78

T.E.T.Co.
5255
1.0-29-78

(Tr. 4-80 Ac.)

(Tr. 3-100.5 Ac.)

(Tr. 5-100 Ac.)

Savage River

7813'

T.E.T.Co.
4955
973.56 Ac.
Perp.-G.S.

Savage River

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TEXAS EASTERN TRANSMISSION CORP.
EXPLORATION & PRODUCTION DEPARTMENT



HOUSTON, TEXAS

ACCIDENT FIELD

SAVAGE RIVER STATE FOREST
WELL NO. 7

SCALE 1" = 2000' DATE 3-22-76