

STATE OF MARYLAND  
**MARYLAND GEOLOGICAL SURVEY**  
 The Johns Hopkins University  
 BALTIMORE, MARYLAND 21218

Permit Number 98  
 Well Number 1  
 Company TETCO  
 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>A. Devine #1</u>   | Size of Casting and Tubing  | Used in Drilling | Left in Well | Packers: Type, Size and Depth |
|---|---|------------------|--------------|-------------------------------|
| ELEVATION: <u>GR 2254</u> LEASE: _____  | 13-3/8"   | 305'             | 305'         | None                          |
| DRILLING COMMENCED: <u>7-30-72</u> DRILLING COMPLETED: <u>9-10-72</u>   | 9-5/8"  | 2494'            | 2494'        | None                          |
| PRODUCTION: <u>Gas</u>  | 7"  | 7319'            | 7319'        | None                          |
|   | 2-3/8"  | 7269'            | 7269'        | None                          |
| RESERVOIR PRESSURE _____ psig _____ hrs.  |   |                  |              |                               |
| WELL TREATMENT: (Shooting, Acidizing, Fracturing, Etc.)<br>Chert perforations <u>7234-74'</u> ; Acidized w/4000 gals 15% MCA. Reacidized w/21,000 gals 10% HCL. Acidized perforations <u>7130-91'</u> w/4000 gals 10% MCA. Reacidized w/25,700 gals 3% acid. Acidized perforations <u>7006-34'</u> w/5000 gals 7-1/2% MCA. Reacidized perforations w/5000 gals 7-1/2% MCA + 4200 gals 5% FE acid. Acidized perforations <u>6942-90'</u> w/4000 gals 10% MCA. Acidized perforations <u>6942-90'</u> & <u>7006-34'</u> w/40,000 gallons 5% FE acid. |   |                  |              | PERFORATIONS AT:              |
| RESERVOIR PRESSURE AFTER TREATMENT: _____   | CEMENTING DATA: (Size Pipe, Depth, No. Bags, Date)  |                  |              |                               |
|   | 13-3/8", 305', 275 sx + 2% CaCl, 8-4-72   |                  |              |                               |
|   | 9-5/8", 2494', 700 sx + 2% CaCl, 8-12-72  |                  |              |                               |
|   | 7", <u>7319'</u> , 1st Stage 250 sx around bottom   |                  |              |                               |
|   | 2nd Stage 1390 sx thru DV Tool @ 6293', 9-12-72   |                  |              |                               |
| RESULTS AFTER TREATMENT: <u>Well Tested</u><br><u>6,200 MCFD 10-22-72</u>   |   |                  |              |                               |
| REMARKS:  | GEOPHYSICAL LOGS (Type of Geophysical Logs Run on Well)<br><br>Formation Density<br>Gamma-Ray-Neutron |                  |              |                               |

MARYLAND GEOLOGICAL SURVEY

The Johns Hopkins University  
BALTIMORE, MARYLAND 21218

GEOLOGICAL LOG

| FORMATION          | TOP  | BOTTOM | GAS AT               | OIL AT | WATER AT<br>(Fresh or<br>Salt Water) | REMARKS                               |
|--------------------|------|--------|----------------------|--------|--------------------------------------|---------------------------------------|
| TULLY              | 6023 | 6053   | 910                  |        |                                      |                                       |
| Onondaga           | 6902 | 6924   |                      |        |                                      |                                       |
| Huntersville Chert | 6924 |        | 6930<br>6960<br>7026 |        |                                      | 730 MCFD<br>6,000 MCFD<br>10,000 MCFD |

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

Date 11-3, 19 72

APPROVED R. J. Lunde

By [Signature]  
(Title)

COMPANY Gas Eastern Penna Corp

State of Maryland  
**MARYLAND GEOLOGICAL SURVEY**  
 The Johns Hopkins University  
 Baltimore, Maryland 21218

*Accident Quad 98*  
*Black & Frazell unit*  
*TD 7319?*  
*gas storage*  
*Comp*  
*SEP 72*

**APPLICATION FOR PERMIT TO DRILL OIL OR GAS WELL**

(Applications must be submitted in triplicate)

DEVINE  
 ARTHUR DEVINE, WELL #1

OWNER TEXAS EASTERN TRANSMISSION CORPORATION  
 STREET or R.F.D. P. O. Box 2521  
 POST OFFICE Houston, Texas 77001

LOCATION OF WELL  
 COUNTY GARRETT  
 NEAREST POST OFFICE ACCIDENT MARYLAND  
 Distance from Post Office 11,106.40'  
 Direction from Post Office N14°, 36', 45W

**PERMIT TO DRILL WELL**

NOT TO BE FILLED IN BY APPLICANT

PERMIT NO. Ninety Eight -- 98  
 The permit is herewith granted subject to the conditions stipulated.

APPROXIMATE DEPTH OF WELL (feet) 7500'  
 METHOD OF DRILLING Rotary  
 DEEPEST GEOLOGIC FORMATION  
 WELL WILL BE DRILLED Into Definite Helderberg  
 DISTANCE OF WELL LOCATION  
 TO NEAREST BUILDING (feet) No Buildings Within 1000' Of Well Location.

*Herrell McLeans*  
 Director

Date July 13, 1972  
 Special conditions that may apply:

NUMBER OF SHIFTS PER DAY 3  
 LICENSED DRILLER IN CREW OF EACH SHIFT

"Gas Storage Well Only"

Names of Drillers must be furnished before drilling of well

NAME ADDRESS

TO BE FURNISHED *Aug 7, 1972*  
#101 Robert Lee Morgan  
#94 De Forrest Johnston  
#95 Thomas Hummel

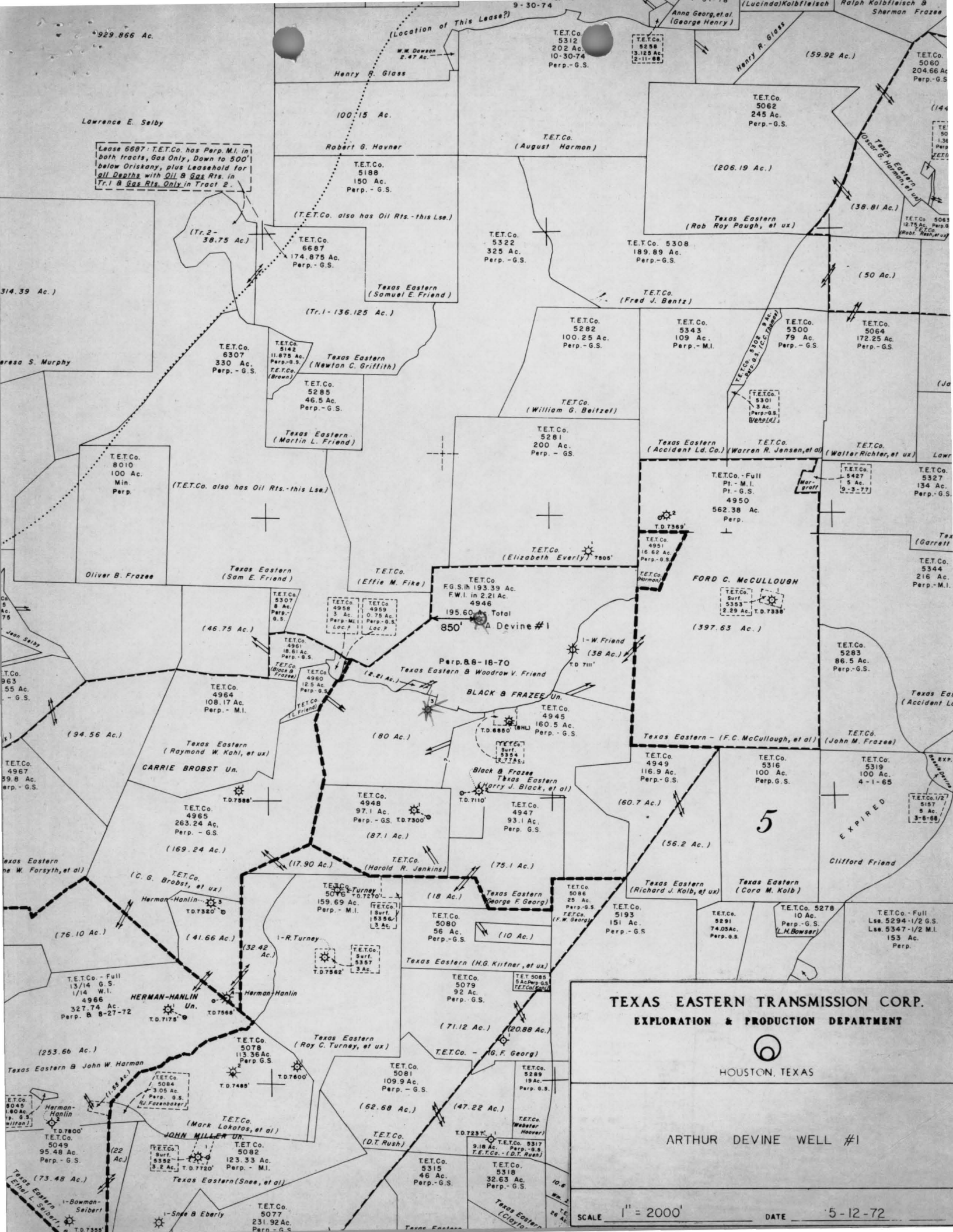
These names may be supplied later but before drilling begins

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 Plat And Unit 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





929.866 Ac.

(Location of This Lease?) 9-30-74

Anna Georg, et al. (George Henry)

(Lucinda) Kolbfleisch & Sherman Froese

Lawrence E. Selby

Lease 6687: TET.Co. has Perp. M.I. in both tracts, Gas Only, Down to 500' below Oriskany, plus Leasehold for all Depths with Oil & Gas Rts. in Tr. 1 & Gas Rts. Only in Tract 2.

(Tr. 2 - 38.75 Ac.)

100.15 Ac.

Robert G. Havner

TET.Co. 5188  
150 Ac.  
Perp. - G.S.

(TET.Co. also has Oil Rts. - this Lse.)

(Tr. 1 - 136.125 Ac.)

TET.Co. 6307  
330 Ac.  
Perp. - G.S.

TET.Co. 5142  
11,875 Ac.  
Perp. - G.S.

TET.Co. 5285  
46.5 Ac.  
Perp. - G.S.

Texas Eastern (Martin L. Friend)

(TET.Co. also has Oil Rts. - this Lse.)

TET.Co. 8010  
100 Ac.  
Min. Perp.

TET.Co. 5322  
325 Ac.  
Perp. - G.S.

TET.Co. 5308  
189.89 Ac.  
Perp. - G.S.

TET.Co. (Fred J. Bentz)

TET.Co. 5282  
100.25 Ac.  
Perp. - G.S.

TET.Co. 5343  
109 Ac.  
Perp. - M.I.

TET.Co. 5300  
79 Ac.  
Perp. - G.S.

(50 Ac.)

eres S. Murphy

TET.Co. (William G. Beitzel)

TET.Co. 5281  
200 Ac.  
Perp. - G.S.

Texas Eastern (Accident Ld. Co.) (Warren R. Jansen, et al)

TET.Co. (Walter Richter, et ux)

TET.Co. - Full Pt. - M.I. Pt. - G.S. 4950  
562.38 Ac.  
Perp.

TET.Co. 5327  
5 Ac.  
19-3-77

TET.Co. 5327  
134 Ac.  
Perp. - G.S.

Oliver B. Froese

Texas Eastern (Sam E. Friend)

TET.Co. (Effie M. Fike)

TET.Co. FG.S.H. 193.39 Ac. F.W.I. in 2.21 Ac. 4946  
195.60 Ac. Total

850' A Devine #1

T.D. 7388

TET.Co. 4951  
16.82 Ac.  
Perp. - G.S.

TET.Co. (Norman)

FORD C. McCULLOUGH

TET.Co. Surf. 3353  
2.29 Ac. T.D. 7338

(397.63 Ac.)

TET.Co. 5283  
86.5 Ac.  
Perp. - G.S.

TET.Co. 5344  
216 Ac.  
Perp. - M.I.

55 Ac. - G.S.

TET.Co. 4964  
108.17 Ac.  
Perp. - M.I.

TET.Co. 4960  
125 Ac.  
Perp. - G.S.

Perp. 88-18-70  
Texas Eastern & Woodrow V. Friend

BLACK & FRAZEE Un.

TET.Co. 4945  
160.5 Ac.  
Perp. - G.S.

Texas Eastern - (F.C. McCullough, et al)

TET.Co. (John M. Froese)

TET.Co. 4949  
116.9 Ac.  
Perp. - G.S.

TET.Co. 5316  
100 Ac.  
Perp. - G.S.

TET.Co. 5319  
100 Ac.  
4-1-65

94.56 Ac.)

Texas Eastern (Raymond W. Kahl, et ux)

CARRIE BROBST Un.

TET.Co. 4965  
263.24 Ac.  
Perp. - G.S.

TET.Co. 4948  
97.1 Ac.  
Perp. - G.S. T.D. 7300

(87.1 Ac.)

TET.Co. 4947  
93.1 Ac.  
Perp. G.S.

TET.Co. 4949  
116.9 Ac.  
Perp. - G.S.

(60.7 Ac.)

TET.Co. 5316  
100 Ac.  
Perp. - G.S.

(56.2 Ac.)

TET.Co. 5319  
100 Ac.  
4-1-65

EXPIRED

W. Forsyth, et al)

(C.G. Brobst, et ux)

HERMAN-HANLIN Un.

TET.Co. 4965  
263.24 Ac.  
Perp. - G.S.

TET.Co. 4948  
97.1 Ac.  
Perp. - G.S. T.D. 7300

(87.1 Ac.)

TET.Co. 4947  
93.1 Ac.  
Perp. G.S.

TET.Co. 4949  
116.9 Ac.  
Perp. - G.S.

(60.7 Ac.)

TET.Co. 5316  
100 Ac.  
Perp. - G.S.

(56.2 Ac.)

TET.Co. 5319  
100 Ac.  
4-1-65

EXPIRED

253.66 Ac.)

HERMAN-HANLIN Un.

HERMAN-HANLIN Un.

TET.Co. 5078  
113.36 Ac.  
Perp. G.S.

TET.Co. 5079  
92 Ac.  
Perp. - G.S.

TET.Co. 5081  
109.9 Ac.  
Perp. - G.S.

TET.Co. 5193  
151 Ac.  
Perp. - G.S.

TET.Co. 5291  
74.03 Ac.  
Perp. G.S.

TET.Co. 5278  
10 Ac.  
Perp. - G.S. (L.H. Bowser)

TET.Co. - Full Lse. 5294-1/2 G.S. Lse. 5347-1/2 M.I. 153 Ac. Perp.

5045 1.80 Ac. 10-6-58 (Wilson)

TET.Co. 5084  
305 Ac.  
Perp. G.S. (H. Fatenbauer)

JOHN MILLER Un.

TET.Co. 5078  
113.36 Ac.  
Perp. G.S.

TET.Co. 5079  
92 Ac.  
Perp. - G.S.

TET.Co. 5081  
109.9 Ac.  
Perp. - G.S.

TET.Co. 5193  
151 Ac.  
Perp. - G.S.

TET.Co. 5291  
74.03 Ac.  
Perp. G.S.

TET.Co. 5278  
10 Ac.  
Perp. - G.S. (L.H. Bowser)

TET.Co. - Full Lse. 5294-1/2 G.S. Lse. 5347-1/2 M.I. 153 Ac. Perp.

5049 95.48 Ac. Perp. - G.S.

TET.Co. 5082  
123.33 Ac.  
Perp. - M.I.

Texas Eastern (Snee, et al)

TET.Co. 5079  
92 Ac.  
Perp. - G.S.

TET.Co. 5081  
109.9 Ac.  
Perp. - G.S.

TET.Co. 5317  
32.63 Ac.  
Perp. - G.S.

TET.Co. 5318  
32.63 Ac.  
Perp. - G.S.

TET.Co. 5291  
74.03 Ac.  
Perp. G.S.

TET.Co. - Full Lse. 5294-1/2 G.S. Lse. 5347-1/2 M.I. 153 Ac. Perp.

TEXAS EASTERN TRANSMISSION CORP.  
EXPLORATION & PRODUCTION DEPARTMENT



HOUSTON, TEXAS

ARTHUR DEVINE WELL #1