STATE OF MARYLAND

DEPARTMENT OF GEOLOGY, MINES AND WATER RESOURCES

The Johns Hopkins University
BALTIMORE 18, MARYLAND

WELL COMPLETION REPORT   BLACK & FRAZEE, WELL NO. 2

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

ELEVATIONS:
Ground Level: 2270'
Kelly Bushing: 2285'

WELL DESCRIPTION

Permit Number 56

Name of Owner Texas Eastern Transmission Corp.

WELL LOG		CASING AND SCREEN RECORD			
State the kind of formations penetrated, their depth, their thickness, and if water-bearing		State the kind and size of casing, liner, shoe, screen, and other accessories (if no casing used, give diameter of well)			
	FEET from......to......		**DIAM.** (inches)	**FEET** from......to......	
TOTAL DEPTH:	7,120'	CONDUCTOR: 48# H-40 ST & C set @ 74'. Cemented to surface with 189 sx. common with 2% CaCl.	13 3/8"	0-74'	
DRILLING INFORMATION: Drilled 17 1/2" Hole - Foam	0-79'				
Drilled 12 1/4" Hole - Foam	79' to 2300'				
Drilled 8 3/4" Hole - Air	2300' to 4230'	SURFACE: 36# J-55 ST & C set @ 2267'. Cemented to surface with 325 sx. Diacel and 200 sx. common with 2% CaCl.	9 5/8"	0-2267'	
Drilled 8 3/4" Hole - Foam	4230' to 4748'				
Drilled 8 3/4" Hole - Air	4748' to 6847'	Float shoe	@2267'		
		Float collar	@2235'		
Drilled 8 3/4" Hole - Gas	6847' to 6996'	PRODUCTION: 29# N-80 LT & C set @ 6996'. Cemented first stage 6996' to 6190' with 200 sx. common and 50 sx. Latex. Cemented second stage through DV Tool from 6190' to surface with 1200 sx. 50-50 Posmix and 75 sx. common.	7"	0 - 6996'	
Drilled 6" Hole - Gas	6996' to 7120'				
GEOLOGICAL INFORMATION: Tully Limestone	5975'				
Onondaga Limestone	6742'				
Huntersville Chert	6770'				
Needmore Shale	6965'				
Oriskany Sandstone	7016'				
Helderberg Limestone	7115'	Float shoe	@6996'		
		Float collar	@6964'		
COMPLETION INFORMATION: Oriskany: Open Hole Flowed 7000 MCFD		DV Tool	@6190'		
CHERT: Through Perforations in 7" casing .4 Shots/Foot	6812-26'& 6835-45'				

PUMPING TEST

Hours Pumped ....

Type of Pump Used....................

Pumping Rate
Gallons per Minute..................

WATER LEVEL

Distance from land surface to water:

Before Pumping..................Ft.

When Pumping....................Ft.

APPEARANCE OF WATER

Clear ....

Cloudy ....

Taste ....

Odor ....

Height of Casing Above Land

Surface ....Ft.

PUMP INSTALLED

Type ....

Capacity

Gallons per Minute................

Gallons per Hour..................

Pump Column Length............Ft.

REMARKS

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Well Was Completed

Date December 14, 1965

Well Driller....................

J. D. Gaden   Signature

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WELL DESCRIPTION

Permit Number 56

Name of Owner Texas Eastern Transmission Corporation

WELL LOG
State the kind of formations penetrated, their depth, their thickness, and if water-bearing

CASING AND SCREEN RECORD
State the kind and size of casing, liner, shoe, screen, and other accessories (if no casing used, give diameter of well)

WELL LOG	FEET from....to....	CASING AND SCREEN RECORD	DIAM. (inches)	FEET from....to....
TREATMENTS: Chert: Perfs.	6812-26'& 6835-45'	TUBING: 4.7 J-55 EUE Tubing equipped with Bull Plug & 18" nipple on bottom. 4' per-forated nipple 7071' - 7075' and P.S.I. nipple set @ 7070'. Well tubed to 7077'	2 3/8"	0-7077'

TREATMENTS:
Chert: Perfs.

Tested Flow: 119 MCFD
Acidized with 2000 Gals.
10% MCA
Tested Flow: 50 MCFD
Frac with 62,000 GALS.
Gelled water with 20-40
Sand and Walnut Hulls
Screened out
Tested Flow: 40 MCFD
Reperforated same interval
Tested Flow: 145 MCFD
Acidized with 2000 Gals.
3% Penetrating Acid
Tested Flow: 40 MCFD

PUMPING TEST

Hours Pumped ....

Type of Pump Used..................

Pumping Rate
Gallons per Minute.................

WATER LEVEL

Distance from land surface to water:

Before Pumping.................Ft.

When Pumping..................Ft.

APPEARANCE OF WATER

Clear ....

Cloudy ....

Taste ....

Odor ....

Height of Casing Above Land
Surface ....Ft.

PUMP INSTALLED

Type ....

Capacity
Gallons per Minute................

Gallons per Hour.....................

Pump Column Length............Ft.

REMARKS

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Well Was Completed

Date December 14, 1965

Well Driller...........................

J. D. Gaden   Signature

Form A

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

APPLICATION FOR PERMIT TO DRILL OIL OR GAS WELL
(Applications must be submitted in triplicate)

, BLACK & FRAZEE, WELL NO. 2

OWNER **Texas Eastern Transmission**
Corporation
STREET or R.F.D. **P. O. Box 2521**

POST OFFICE **Houston, Texas 77001**

PERMIT TO DRILL WELL

NOT TO BE FILLED IN BY APPLICANT

PERMIT NO. **56 (Fifty-six)**

The permit is herewith granted subject to
the conditions stipulated.

Jennett N. Weaver
Director

Date **September 13, 1965**

Special conditions that may apply:

"Gas storage well only"

**Names of Drillers must be furnished
prior to drilling**

'LOCATION OF WELL

'COUNTY **Garrett**

'NEAREST POST OFFICE **Accident, Maryland**

' Distance from Post Office **8,197'**

' Direction from Post Office
' **N20° 28' 40" W**

'APPROXIMATE DEPTH OF WELL (feet) **7800**

'METHOD OF DRILLING **Rotary**

'DEEPEST GEOLOGIC FORMATION
' WELL WILL BE DRILLED **Oriskany**

'DISTANCE OF WELL LOCATION
' TO NEAREST BUILDING (feet) **858**

'NUMBER OF SHIFTS PER DAY **3**

' LICENSED DRILLER IN CREW OF EACH SHIFT
' NAME   ADDRESS

' **To Be Furnished**

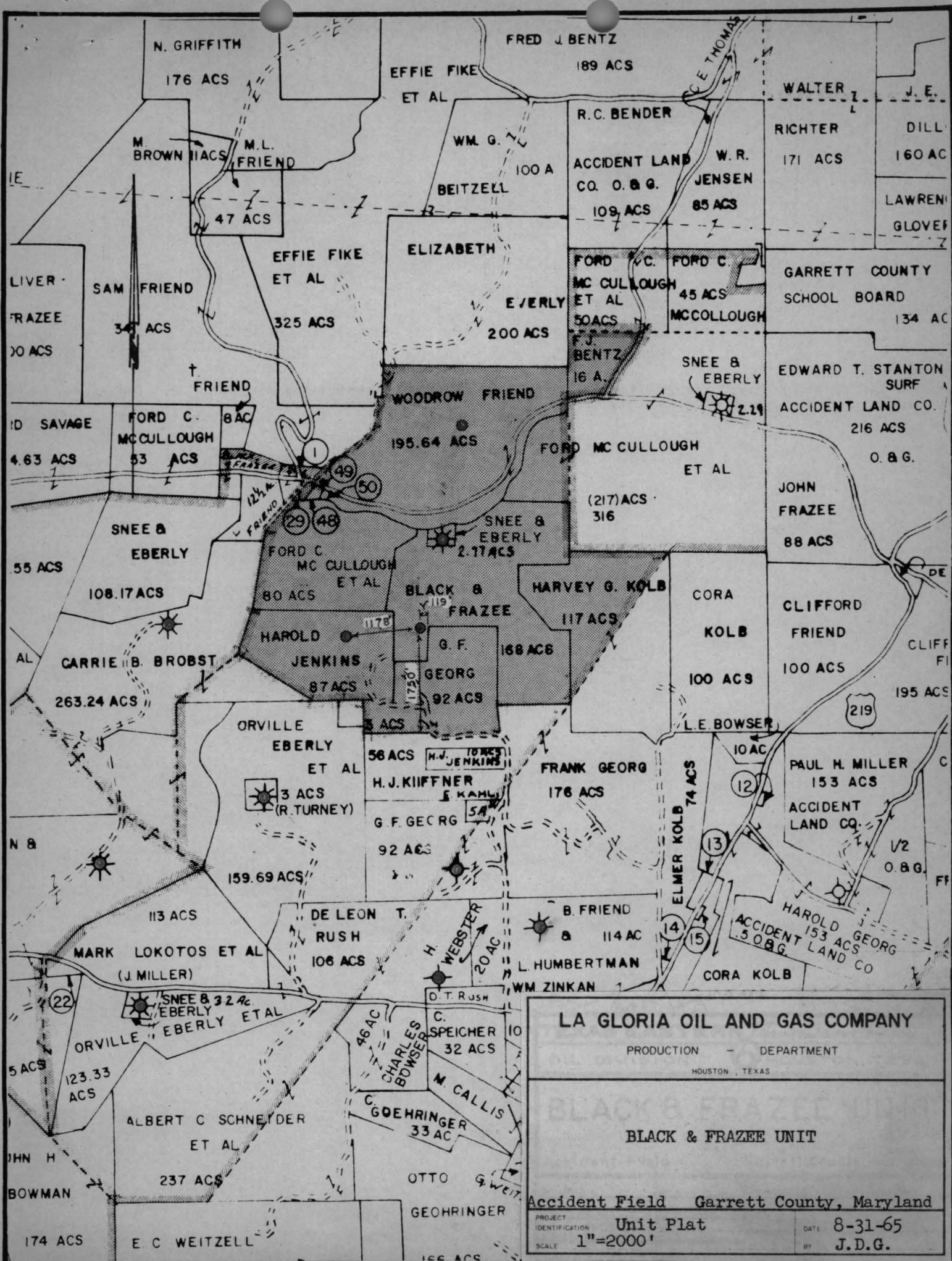'These names may be supplied later but
' before drilling begins

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

N. GRIFFITH

176 ACS

FRED J. BENTZ

189 ACS

EFFIE FIKE
ET AL

WALTER
RICHTER
171 ACS

J.E.
DILL
160 AC

M.
BROWN 11 ACS

M.L.
FRIEND

WM. G.

BEITZELL

100 A

R.C. BENDER

ACCIDENT LAND
CO. O.& G.
109 ACS

W.R.
JENSEN
85 ACS

LAWREN
GLOVER

47 ACS

EFFIE FIKE
ET AL

325 ACS

ELIZABETH

EVERLY
200 ACS

FORD C.
MC CULLOUGH
ET AL
50 ACS

FORD C.
45 ACS
MCCOLLOUGH

GARRETT COUNTY
SCHOOL BOARD
134 AC

SAM FRIEND

34? ACS

LIVER.
FRAZEE
10 ACS

t.
FRIEND

8 AC

BENTZ
16 A.

SNEE &
EBERLY
2.21

EDWARD T. STANTON
SURF
ACCIDENT LAND CO.
216 ACS

O.& G.

ID SAVAGE
4.63 ACS

FORD C.
MCCULLOUGH
53 ACS

WOODROW FRIEND

195.64 ACS

FORD MC CULLOUGH
ET AL

(217) ACS
316

JOHN
FRAZEE
88 ACS

1
49
50
29 48

124 A.
FRAZEE
FRIEND

SNEE &
EBERLY
.55 ACS
108.17 ACS

FORD C.
MC CULLOUGH
ET AL
80 ACS

SNEE &
EBERLY
2.17 ACS

119

117 G

HAROLD
JENKINS
87 ACS

BLACK &
FRAZEE

G. F.
GEORG
92 ACS

HARVEY G. KOLB
117 ACS

168 ACS

CORA
KOLB
100 ACS

CLIFFORD
FRIEND
100 ACS

CLIFF
F
195 ACS

CARRIE B. BROBST
263.24 ACS

3 ACS

L.E. BOWSER
10 AC

219

ORVILLE
EBERLY
ET AL
56 ACS

H.J.
JENKINS
10 ACS

ELMER KOLB
74 ACS

PAUL H. MILLER
153 ACS
ACCIDENT
LAND CO.

12

3 ACS
(R. TURNEY)

H.J. KIIFFNER
S. KAHL

G. F. GEORG
92 ACS

54

FRANK GEORG
176 ACS

13

14
15

HAROLD GEORG
153 ACS
ACCIDENT
LAND CO
.50 & G.

1/2
O.& G.
FF

159.69 ACS

113 ACS

DE LEON T.
RUSH
106 ACS

B. FRIEND
&
114 AC

L. HUMBERTMAN

CORA KOLB

N 8

MARK LOKOTOS ET AL
(J. MILLER)

H. WEBSTER
20 AC

WM. ZINKAN

22

SNEE & 3.24 Ac.
EBERLY
EBERLY ETAL

D. T. RUSH

ORVILLE
EBERLY
123.33
ACS

46 AC
CHARLES BOWSER

C.
SPEICHER
32 ACS

C.
GOEHRINGER
33 AC

M. CALLIS

ALBERT C. SCHNEIDER
ET AL
237 ACS

OTTO G.
GEOHRINGER

JHN H
BOWMAN

174 ACS

E. C. WEITZELL