

STATE OF MARYLAND
MARYLAND GEOLOGICAL SURVEY
 The Johns Hopkins University Texas Eastern Transmission Corporation
 BALTIMORE, MARYLAND 21218

Rework
 Permit Number 39
 Well Number 2
 Company _____
 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
 (Oil, Gas, Other)

NAME & WELL NO.	Size of Casting and Tubing	Used in Drilling	Left in Well	Packers: Type, Size and Depth
Herman & Hanlin Well #2 (Rework)				
ELEVATION: <u>2400'</u>				
LEASE: <u>Herman & Hanlin Unit</u>				
DRILLING REWORK COMMENCED: <u>8/31/69</u>				
DRILLING REWORK COMPLETED: <u>9/8/69</u>				
PRODUCTION: <u>3700MCFGD TESTED</u>				
RESERVOIR PRESSURE: <u>Not Measured</u> psig _____ hrs.				
WELL TREATMENT: (Shooting, Acidizing, Fracturing, Etc.)				
See attached sheet of work performed,				PERFORATIONS AT: Oriskany: 7616-24' 7542-66' & 7586-96' Chert: 7410-50' & 7462-76'

CEMENTING DATA: (Size Pipe, Depth, No. Bags, Date)

Set $4\frac{1}{2}$ " O.D. liner, top 7258', btm. 7730',
 cemented w/ 50sx. Latex cmt. and 25 sx. Reg.
 cmt. Job completed 7:38 A.M. 9/1/69

RESERVOIR PRESSURE AFTER TREATMENT:

Not Measured

RESULTS AFTER TREATMENT:

See attached sheet of work performed.

REMARKS:

GEOPHYSICAL LOGS (Type of Geophysical Logs Run on Well)

See Original Completion Report.
 During this rework:
 Gamma-Ray Neutron Collar Log 7631' to surface

MARYLAND GEOLOGICAL SURVEY

The Johns Hopkins University
BALTIMORE, MARYLAND 21218

GEOLOGICAL LOG

FORMATION	TOP	BOTTOM	GAS AT	OIL AT	WATER AT (Fresh or Salt Water)	REMARKS
SEE ORIGINAL COMPLETION REPORT:						

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

Date November 19, 1969

APPROVED [Signature]

By Production Manager
(Title)

COMPANY Texas Eastern Transmission Corp.

STATE OF MARYLAND
DEPARTMENT OF GEOLOGY, MINES AND WATER RESOURCES

The Johns Hopkins University
BALTIMORE 18, MARYLAND

WELL COMPLETION REPORT Herman & Hanlin Unit, Well #2

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

WELL DESCRIPTION				Permit Number.....39.....
WELL LOG	CASING AND SCREEN RECORD			Name of Owner Texas Eastern Transmission Corporation
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	DIAM.	FEET	PUMPING TEST
	from.....to.....	(inches)	from.....to.....	Hours Pumped
		Open Hole:	6 1/8"	7422-7800'
WELLHEAD EQUIPMENT INSTALLED ON SURFACE:				Type of Pump Used.....
1 - McEvoy Type "S" Casing Head, Lower Female 9-5/8" Thd., Upper 10" API 3000, w/2-API LPSO each Bull Plugged.				Pumping Rate Gallons per Minute.....
1 - Adapter Flange, Double Studded, 10" API 3000 x 10" API 5000.				WATER LEVEL
1 - Companion Flange, 10" API 5000 X 10-3/4" 3rd. thd. Female.				Distance from land surface to water:
1 - Swage Nipple, 10-3/4" 3rd. thd. X 2" APILP.				Before Pumping.....Ft.
1 - Gate Valve, WKM, 2" SE, Full Port, 1000 psi WOG, Serial #L-57909.				When Pumping.....Ft.
				APPEARANCE OF WATER
				Clear
				Cloudy
				Taste
				Odor
				Height of Casing Above Land Surface
				SurfaceFt.
				PUMP INSTALLED
				Type
				Capacity
				Gallons per Minute.....
				Gallons per Hour.....
				Pump Column Length.....Ft.
				REMARKS
				Well to be utilized
				as Observation Storage
				Well. 10-15-68
			
			
			
			
				Well Was Completed
				Date May 16, 1964
				Well Driller.....
				<i>Jack E. White</i>
				Signature

STATE OF MARYLAND
DEPARTMENT OF GEOLOGY, MINES AND WATER RESOURCES

The Johns Hopkins University
BALTIMORE 18, MARYLAND

WELL COMPLETION REPORT Herman & Hanlin Unit, Well #2

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Elevations: Ground 2,400'

Zero (ROB) 2,515' WELL DESCRIPTION

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)

Permit Number.....39.....

Name of Owner Texas Eastern Transmission Corporation

FEET
from.....to.....

DIAM.
(inches) FEET
from.....to.....

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@ Approx...180'.....

Cloudy

Taste

Odor

Height of Casing Above Land

Surface0.....Ft.

PUMP INSTALLED

Type

Capacity

Gallons per Minute.....

Gallons per Hour.....

Pump Column Length.....Ft.

REMARKS

Well Was Temp. Abandoned.
Completed

Date May 16, 1964

Well Driller.....

J. D. Baden
Signature

Additional Geological Information:

Top Onondaga Limestone 7374' (-4958)
Top Huntersville Chert 7404' (-4988)
Top Oriskany Sandstone 7538' (-5122)
Top Helderberg Limestone 7667' (-5251)
65' Fault 7012' (-4596)
100' Fault 7173' (-4757)
45' Fault 7328' (-4912)

Conductor; 48#H-40
ST & C set @ 120'
cemented to surface
w/100 sx. common
cement w/200#CaCl.

Surface; 36# J-55
ST & C set @ 997.67'
Baker Float Collar
@ 964'
Baker Guide Shoe
@ 996'

Cemented from 997'
to surface w/225 sx.
of 50-50 Posmix"A"
w/6% gel & 100 sx.
common cement w/2%
HA-5. Cement at sur-
face. Dropped to
69'-recemented 69'
to surface w/42 sx.
common cement.
Centralizers - 2

Production: 29# N-
80 LT & C set @
7422.66'
Baker Diff. Collar
@ 7376'
Baker Guide Shoe
@ 7421'
Baker Stage Collar
@ 6432'
Cemented thru Guide
Shoe from 7422' to
6432' w/65 sx. of
20% Diacel Cement
and 75 sx. common
cement.
Cemented thru Stage
Collar to 432' to
surface w/649 sx.
of 20% Diacel Cement
and 75 sx. of common
cement.
Centralizer - 8

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WELL DESCRIPTION

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)

FEET
from.....to.....

DIAM.
(inches)

FEET
from.....to.....

Open Hole:

6 1/8"

7422-7800'

Well Temporarily Abandoned with following wellhead equipment installed on surface:

- 1 - McEvoy Type "S" Casing Head, Lower Female 9 5/8" Thd., Upper 10" API 3000, w/2-API LPSO each Bull Plugged.
- 1 - Adapter Flange, Double Studded, 10" API 3000 X 10" API 5000.
- 1 - Companion Flange, 10" API 5000 X 10 3/4" 3rd. thd. Female.
- 1 - Swage Nipple, 10 3/4" 3rd. thd. X 2" APILP.
- 1 - Gate Valve, WKM, 2" SE, Full Port, 1000 psi WOG, Serial #L-57909.

Permit Number...39

Name of Owner Texas Eastern Transmission Corporation

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

SurfaceFt.

PUMP INSTALLED

Type

Capacity

Gallons per Minute.....

Gallons per Hour.....

Pump Column Length.....Ft.

REMARKS

Well Was Completed

Date

Well Driller.....

Signature

State of Maryland
DEPARTMENT OF GEOLOGY, MINES AND WATER RESOURCES
The Johns Hopkins University
Baltimore 18, Maryland

39
Well to be reworked
2/10/69
Rec'd -

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

Herman & Hanlin Gas Unit, Well #2

OWNER Texas Eastern Transmission Corp.

LOCATION OF WELL

STREET or R.F.D. P. O. Box 2521

COUNTY Garrett

POST OFFICE Houston, Texas 77001

NEAREST POST OFFICE Accident, Maryland

Distance from Post Office 10,707 feet

Direction from Post Office N 79° 17 min.
59 sec. W.

PERMIT TO DRILL WELL

APPROXIMATE DEPTH OF WELL (feet) 7,625

NOT TO BE FILLED IN BY APPLICANT

PERMIT NO. 39-Thirty Nine

METHOD OF DRILLING Rotary

The permit is herewith granted subject to the conditions stipulated.

DEEPEST GEOLOGIC FORMATION
WELL WILL BE DRILLED Helderberg Limestone

Kenneth N. Weaver
Director

DISTANCE OF WELL LOCATION
TO NEAREST BUILDING (feet) 800 feet

Date April 13, 1964

NUMBER OF SHIFTS PER DAY 3

Special conditions that may apply:

LICENSED DRILLER IN CREW OF EACH SHIFT

Production well

NAME ADDRESS
Robert L. Morgan Ripley, W. Va.
~~to be furnished later.~~

Elmer L. Middlebrough, Oakland, Md.

Claude E. Mayberry, Kingwood, W. Va.

These names may be supplied later but before drilling begins

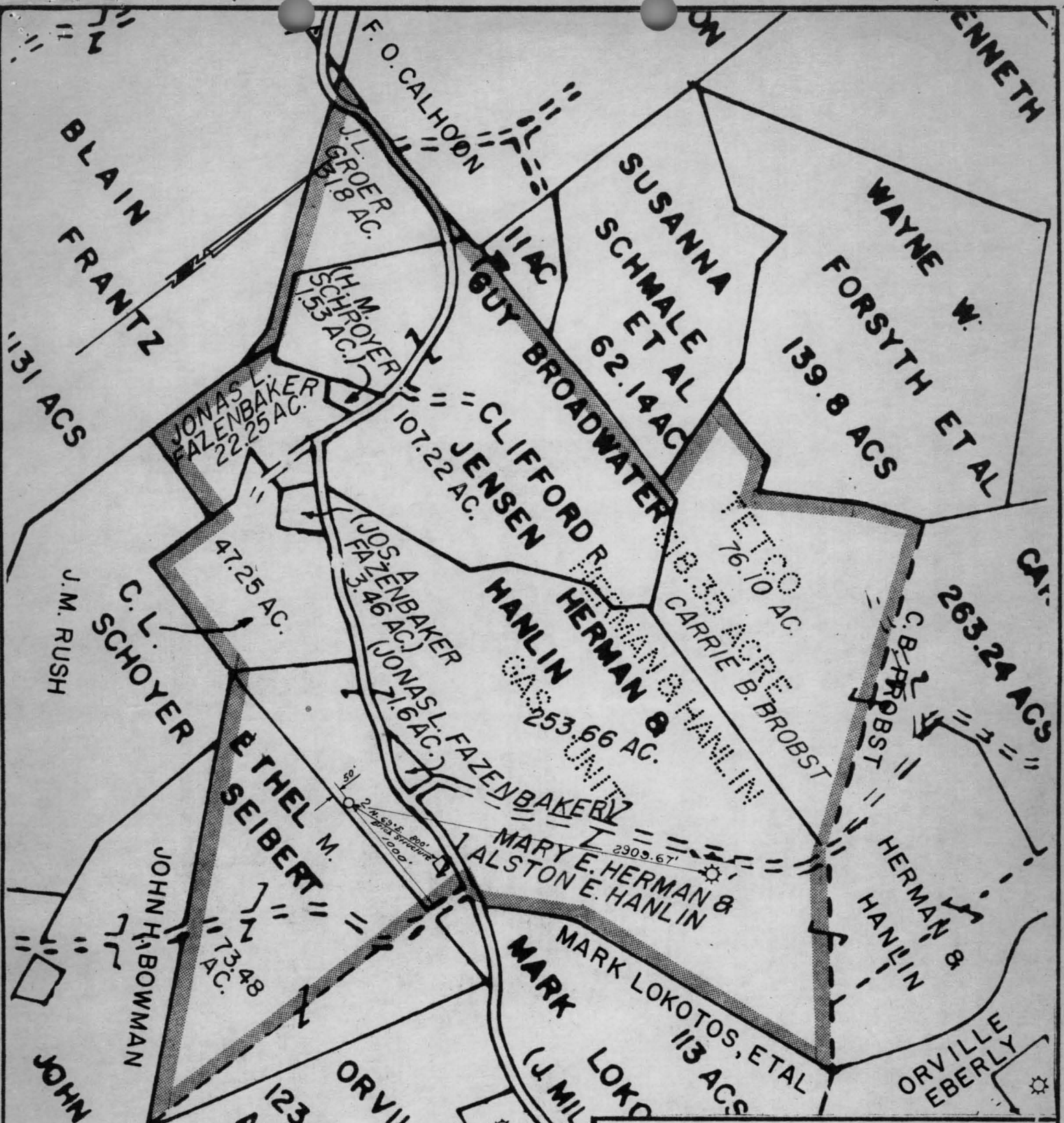
observation well
10/15/68

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



I, J. D. Gaden, do hereby certify that this plat correctly reflects the data of this well unit as required by the State of Maryland.

J. D. Gaden
J. D. GADEN

TEXAS EASTERN TRANSMISSION CORPORATION PRODUCTION DIVISION - HOUSTON, TEXAS			
HERMAN & HANLIN GAS UNIT, WELL NO. 2			
ACCIDENT FIELD, GARRETT COUNTY, MARYLAND			
DESIGNED BY	DATE	CORRECT BY	DATE
DRAWN BY	DATE	APPROVED BY	DATE
TRACED BY	DATE	APPROVED BY	DATE
CHECKED BY	DATE	DIVISION ENGINEER	
UNIT BOUNDARY		SCALE 1"=1000'	PD
		SHEET OF	