

STATE OF MARYLAND
DEPARTMENT OF GEOLOGY, MINES AND WATER RESOURCES

The Johns Hopkins University
BALTIMORE 18, MARYLAND

WELL COMPLETION REPORT Black & Frazee Unit #1

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

WELL DESCRIPTION

Original Permit Number.....25.....
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)

	F E E T from.....to.....		D I A M. (inches)	F E E T from.....to.....
Oriskany Sand (Electric Log)	6707-6819	Baker Cmt. Bull Plug Shoe	4 1/2	6850-6851
Helderberg Lime (Elec. Log)	6819-6850	Csg. N-80, 13.50#, 8 Rd. L T & C	4 1/2	0-6850
		1-Halliburton Stage Collar @	4 1/2	5488
		1-Halliburton Stage Collar @	4 1/2	6486
		1-Hall. Pack-off Cementer	4 1/2	6488
		4-Baker Centralizer @	4 1/2	5455 5521 6453 6523
		3-Baker Metal Petal Baskets @	4 1/2	6573 6686 6712

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 2 1/2 Ft.

PUMP INSTALLED
Type
Capacity
Gallons per Minute.....
Gallons per Hour.....
Pump Column Length.....Ft.

REMARKS
*Reworked Well.....Deepen well from 6707' to 6850'.
.....
.....
.....
.....
Well Was Completed
DateOctober 21, 1963
Well Driller.....
Signature

*Cemented 7" csg. from 4200' to surface w/1250 cu.ft. of Lite poz #2. Cement followed w/75 sx. neat common. Well deepened from 6707' to 6850'. Based on RDB (Zero) to Braden Head Flange equal to 16.00'. Ran 6850' 4 1/2" 13.50# N-80 csg. Cemented 4 1/2" csg. from 6485' to 1475'. Using 328 cu.ft. of Lite poz #2 & 75 sx. Common Neat Cement. Perforated Zones 6570' to 6670' & 6698' to 6815' w/2 McCullough Super Glass Jets/foot. Acidized above zones w/1,000 gal. of mud acid w/220 SCF/Bbl. of N₂. Cleaned well. Reacidized Zones w/5,000 gal. Dowell Retarded Acid, followed w/5,000 gal. Dowell XF Acid, both acids having 300 SCF/Bbl. of N₂. Cleaned well. Tested well flowing w/385 psia tester pressure. Well flowed @ rate of 21,980 MCF Gas/Day.

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The Johns Hopkins University
BALTIMORE 18, MARYLAND

BLACK & FRAZEE #1 Well

WELL COMPLETION REPORT

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

Elevation 1,965' D.F.		WELL DESCRIPTION			Permit Number 25
WELL LOG		CASING AND SCREEN RECORD			Name of Owner
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)			William E. Snee & Orville Eberly
					PUMPING TEST
					Hours Pumped
					Type of Pump Used
					Pumping Rate
					Gallons per Minute
					WATER LEVEL
					Distance from land surface to water:
					Before Pumping
					When Pumping
					APPEARANCE OF WATER
					Clear
					Cloudy
					Taste
					Odor
					Height of Casing Above Land Surface
					PUMP INSTALLED
					Type
					Capacity
					Gallons per Minute
					Gallons per Hour
					Pump Column Length
					REMARKS
					Well Was Completed
					Date June 4, 1958
					Well Driller
					<i>W. E. Snee</i>
					Signature
Clay	0'	25'			
Sand	25	35			
Slate	35	40			
Lime	40	85			
Red Rock	85	120			
Slate & shells	120	205			
Red rock	205	210			
Slate & Shells	210	405			
Red Rock	405	410			
Slate & Shells	410	455			
Sand	455	475			
Slate & Shells	475	660			
Red Rock	660	675			
Slate & Shells	675	2384			
Sand	2384	2420			
Slate & Shells	2420	2700			
Sand -light brown	2700	2735			
Slate & Shells	2735	4235			
Lime - gray	4235	4335			
Slate - gray	4335	4370			
Lime	4370	4474			
Shale - dark gray	4474	4494			
Lime	4494	4550			
Slate & Shells -dark gray	4550	4635			
Lime Shells-light gray	4635	4700			
Slate - light gray	4700	4745			
Lime - light gray	4745	4900			
Shale - light gray	4900	4980			
Lime - light gray	4980	5043			
Slate - light gray	5043	5130			
Shale - light brown	5130	5175			
Slate & Shells	5175	5560			
Shale,Limey-dark gray	5560	5730			
Shale - light gray	5730	5890			
Shale - dark gray	5890	6100			
Shale - light gray	6100	6125			
Lime - light gray	6125	6178			
Shale - dark gray	6178	6340			
Lime - black	6340	6355			
Lime - light gray	6355	6396			
Lime - dark gray	6396	6418			
Lime - light gray	6418	6445			
Lime - hard-light gray	6445	6480			
Lime - dark gray	6480	6534			
Brown Break	6534	6536			
Lime	6536	6555			
Chert	6555	6655			
Shale - dark	6555	6685			
Oriskany Sand	6685	6707-	T. D.		

CASING

13 3/8" OD casing set at 30'
10 3/4" OD casing set @ 600'
7" OD casing set @ 6549'
2 3/8" OD tubing set @ 6505'

WATER

Water @ 55' - hole full
Show of Salt Water @ 5020',
3 bailers in 24 hours, down
to 1/2 bailer in 24 hours

GAS

6575 - 77' --- 5 MCF
6586 - 96' --- 286 MCF
6687 - 94' --- 3713 MCF

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

BLACK & FRAZEE #1 WELL

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

OWNER <u>William E. Snee & Orville Eberly</u>	LOCATION OF WELL
STREET or R.F.D. <u>208 Union Trust Bldg.,</u>	COUNTY <u>Garrett</u>
POST OFFICE <u>Uniontown</u>	NEAREST POST OFFICE <u>Accident, Md.</u>
<u>Pa.</u>	Distance from Post Office <u>9,450'</u>
	Direction from Post Office <u>N. 15¹/₂° W.</u>
PERMIT TO DRILL WELL	
NOT TO BE FILLED IN BY APPLICANT	APPROXIMATE DEPTH OF WELL (feet) <u>7,500'</u>
PERMIT NO. <u>Twenty Five (25)</u>	METHOD OF DRILLING <u>Cable Tools</u>
The permit is herewith granted subject to the conditions stipulated.	DEEPEST GEOLOGIC FORMATION WELL WILL BE DRILLED <u>Oriskany</u>
<u>John D. Sweeney</u> Director	DISTANCE OF WELL LOCATION TO NEAREST BUILDING (feet) <u>560'</u> (Northwest) to private dwelling house
Date <u>June 13, 1957</u>	NUMBER OF SHIFTS PER DAY <u>two</u>
Special conditions that may apply:	LICENSED DRILLER IN CREW OF EACH SHIFT NAME ADDRESS <u>These names will be supplied later.</u>
	<u>These names may be supplied later but before drilling begins</u>

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.

Separate schedule of owners is attached.

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