

STATE OF MARYLAND
DEPARTMENT OF GEOLOGY, MINES AND WATER RESOURCES

The Johns Hopkins University
BALTIMORE 18, MARYLAND

WELL COMPLETION REPORT

This report must be submitted within 30 days after completion of the well EARL KNOX #1

WELL DESCRIPTION

WELL LOG

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

(Electric Log)
Oriskany Sand
Helderberg Lime

F E E T
from.....to.....
7593-7703
7703-7769

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)

T.D.

Csg. N-80 13.5#
8 rd LT & C

D I A M.
(inches)

F E E T
from.....to.....

4 1/2" 0-7720'

4 1/2" 6500'

1-Halliburton
Stage Collar

1-Float Collar 4 1/2" 6788-7720'

Permit Number..... 19

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

Deepened well from
old TD of 7728 to
7769'.

Reed 2/26/65

Well Was Completed
Date 7/28/63

Well Driller
J. D. Reed
Signature

Remarks:

Cemented 7" csg from 5740' to surface w/365 sx common, 365 sx lite poz #2. Then deepened well from old TD to 7769. Ran 240 jts 4 1/2" csg w/stage & float collars and set at 7720' Cemented 4 1/2" to surface w/480 sx lite poz #2, 765 sx common. Perforated Oriskany zones; 7710-7698 4 shots/ft, 7693-78' 2 shots/ft, 7668-64' 2 shots/ft, 7642-40' 2 shots/ft, 7606-02' 4 shots/ft, chert zone; 7526-15 2 shots/ft, 7512-7477 average of 3 shots/ft. Acidized above zones w/5,500 gal regular f., 5,500 gal Dowell X acid, 700# Dowell J-98, 350# Dowell J-84, 10,000 #20-40 sand & 92,500 scf N 2 R. P. 1460 FOF A/A 7,300 MCF/D

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DEPARTMENT OF GEOLOGY, MINES AND WATER RESOURCES

The Johns Hopkins University
BALTIMORE 18, MARYLAND

WELL COMPLETION REPORT

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EARL KNOX UNIT #1

ELEVATION 2869 K.B. WELL DESCRIPTION Permit Number 19

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)
Name of Owner SNEE & EBERLY

WELL LOG	FEET		DIAM. (inches)	FEET		PUMPING TEST
	from.....to.....			from.....to.....		
Space	0-	12'				Hours Pumped
Clay	12-	20				Type of Pump Used.....
Sand	20-	210	15" Casing Cemented	@	10'	Pumping Rate
Sand & Shale	210-	1780	below cellar			Gallons per Minute.....
Shale	1780-	1990				WATER LEVEL
Sand	1990-	2060	10 3/4" OD Casing Cemented	@	629'	Distance from land surface to water:
Shale	2060-	2320	with 75 sacks posmix			Before Pumping.....Ft.
Sand	2320-	2400				When Pumping.....Ft.
Shale	2400-	3475	7" OD Casing Cemented	@	7482'	APPEARANCE OF WATER
Sand	3475-	3514	with 200 sacks H.E.S.			Clear
Shale	3514-	3738				Cloudy
Sand (Benson)	3738-	3800				Taste
Shale	3800-	5570				Odor
Sand & Shale	5570-	5620	Water - Fresh	@	50'	Height of Casing Above Land Surface
Shale	5620-	6630				PUMP INSTALLED
Black Shale - Limey	6630-	6754				Type
Lime	6754-	6788				Capacity
Shale	6788-	7312				Gallons per Minute.....
Lime	7312-	7354				Gallons per Hour.....
Lime & Black Shale	7354-	7457				Pump Column Length.....Ft.
Lime (Onondoga)	7457-	7482	Gas tested			REMARKS
Chert (Huntersville)	7482-	7575	@ 7547	251	M
Shale	7575-	7605			
Lime	7605-	7612			
Sand (Oriskany)	7612-	7728	TD 7715	9,488	M

Drilled from surface to TD with Rotary

Well Was Completed
Date November 18, 1955
Owner Snee & Eberly
Well Dealer
Signature

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

19

EARL KNOX #1

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

OWNER <u>WILLIAM E. SNEE & ORVILLE EBERLY</u> STREET or R.F.D. <u>208 UNION TRUST BLDG.</u> POST OFFICE <u>UNIONTOWN, PENNSYLVANIA</u>	LOCATION OF WELL COUNTY <u>GARRETT</u> NEAREST POSTOFFICE <u>ACCIDENT, MARYLAND</u> Distance from Post Office <u>12,675'</u> Direction from Post Office <u>S2-1/4°E</u>								
PERMIT TO DRILL WELL NOT TO BE FILLED IN BY APPLICANT PERMIT NO. <u>19 (Nineteen)</u> The permit is herewith granted subject to the conditions stipulated. <div style="text-align: right; margin-right: 50px;"> <i>Joseph T. Siquel</i> Director </div> Date <u>September 29, 1953</u> Special conditions that may apply:	APPROXIMATE DEPTH OF WELL (feet) <u>7,800'</u> METHOD OF DRILLING <u>ROTARY</u> DEEPEST GEOLOGIC FORMATION WELL WILL BE DRILLED <u>HELDERBERG</u> DISTANCE OF WELL LOCATION TO NEAREST BUILDING (feet) <u>2,250'</u> NUMBER OF SHIFTS PER DAY <u>3</u> LICENSED DRILLER IN CREW OF EACH SHIFT <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left; border-bottom: 1px solid black;">NAME</th> <th style="text-align: left; border-bottom: 1px solid black;">ADDRESS</th> </tr> </thead> <tbody> <tr> <td style="border-bottom: 1px solid black;">A. W. STENNETT</td> <td style="border-bottom: 1px solid black;">) c/o DELTA DRILLING CO.</td> </tr> <tr> <td style="border-bottom: 1px solid black;">DONALD CARMEN</td> <td style="border-bottom: 1px solid black;">) OLIVER BUILDING</td> </tr> <tr> <td style="border-bottom: 1px solid black;">C. A. BATES</td> <td style="border-bottom: 1px solid black;">) PITTSBURGH, PENNSYLVANIA</td> </tr> </tbody> </table> These names may be supplied later but before drilling begins	NAME	ADDRESS	A. W. STENNETT) c/o DELTA DRILLING CO.	DONALD CARMEN) OLIVER BUILDING	C. A. BATES) PITTSBURGH, PENNSYLVANIA
NAME	ADDRESS								
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DONALD CARMEN) OLIVER BUILDING								
C. A. BATES) PITTSBURGH, PENNSYLVANIA								

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 SHEET

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