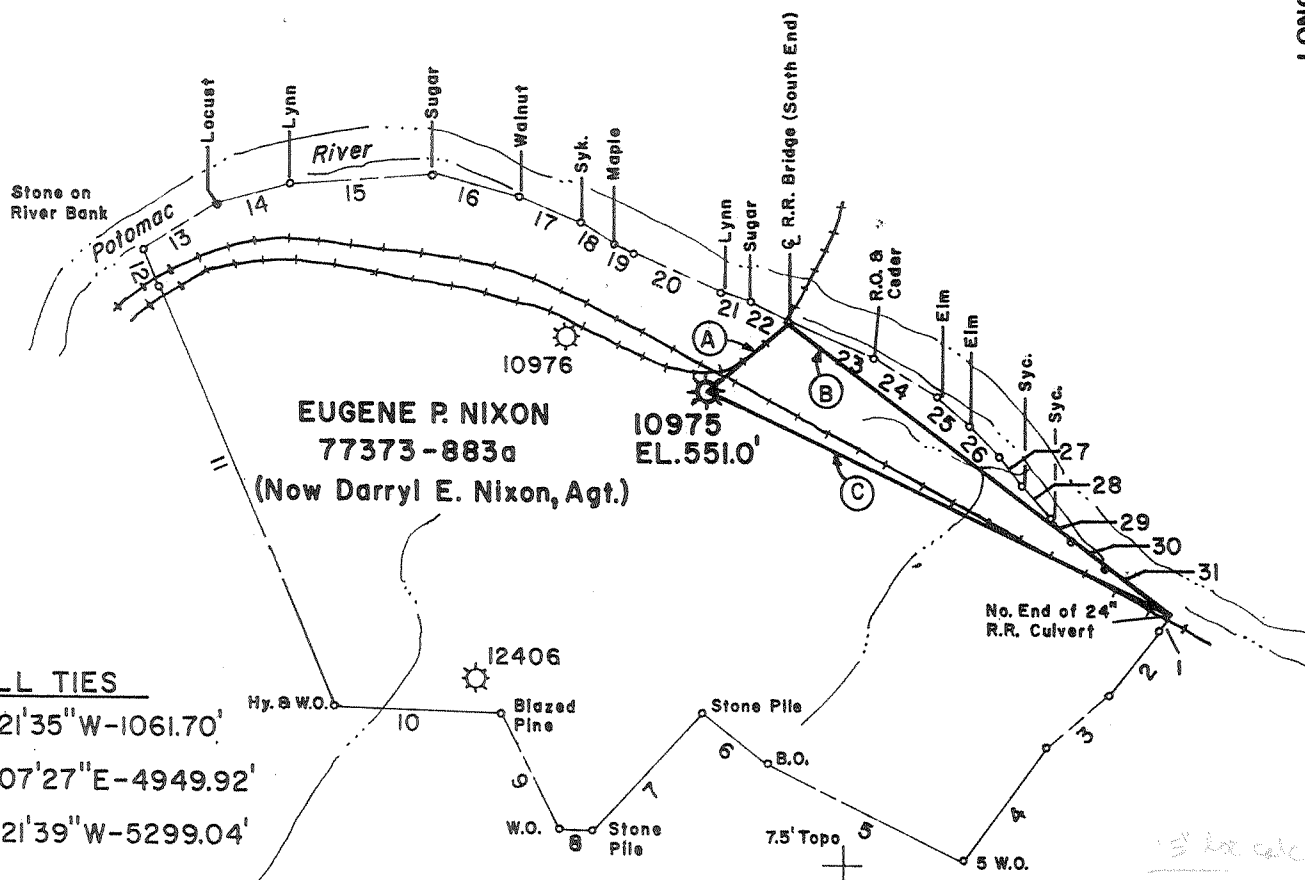


PROPERTY TIES

- | | | |
|--------------------|-------------------|--------------------|
| 1 S31°W-198' | 11 N22°W-4587' | 21 S70°E-363' |
| 2 S40°W-852' | 12 N24°W-412.5' | 22 S67°E-412.5' |
| 3 S50°W-808.5' | 13 N59°30'E-891' | 23 S63°E-948.75' |
| 4 S37°W-1452' | 14 N77°E-728.145' | 24 S56°30'E-759' |
| 5 N62°W-2277' | 15 N84°30'E-1485' | 25 S49°45'E-475.2' |
| 6 N48°W-825' | 16 S73°30'E-891' | 26 S45°30'E-504.9' |
| 7 S43°30'W-1650' | 17 S63°E-669.9' | 27 S34°E-252.45' |
| 8 N83°30'W-321.75' | 18 S66°E-327.9' | 28 S41°45'E-478.5' |
| 9 N24°W-1320' | 19 S57°30'E-198' | 29 S39°30'E-277.2' |
| 10 N87°W-1716' | 20 S65°E-990' | 30 S44°15'E-462' |
| | | 31 S70°E-693' |



EUGENE P. NIXON
77373-883a
(Now Darryl E. Nixon, Agt.)

WELL TIES

- (A) S50°21'35"W-1061.70'
- (B) S53°07'27"E-4949.92'
- (C) N64°21'39"W-5299.04'

MAP SHEET:160I-S,S-10E-II FB.2434 PG.5-7

FILE NO. _____
DRAWING NO. _____
SCALE 1" = 2000'
MINIMUM DEGREE OF ACCURACY 1' in 200'
PROVEN SOURCE OF ELEVATION BM=U.S.G.S. BM MARKED S77 1941 EL.528
PAW PAW TOPO 75'

I THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND THE REGULATIONS ISSUED AND PRESCRIBED BY THE DEPARTMENT OF MINES.

(SIGNED) Ralph E. Brumfield
R.P.E. _____ L.L.S. 211

PLACE SEAL HERE

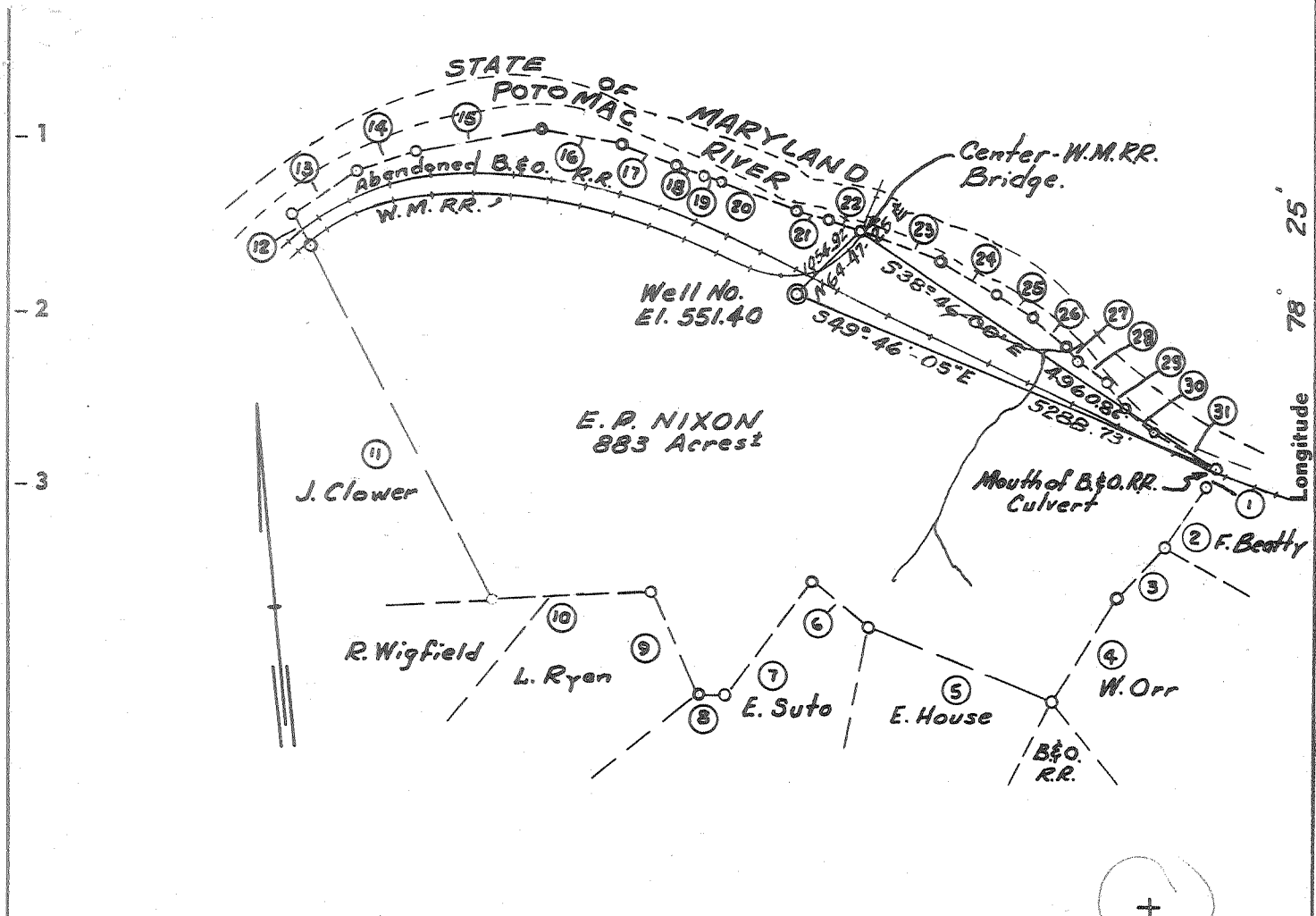
STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION



DATE MAY 1, 19 91
OPERATOR'S WELL NO. 10975
API WELL NO. _____
47 - 065 - 0003-P
STATE COUNTY PERMIT

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
(IF "GAS,") PRODUCTION X STORAGE ___ DEEP ___ SHALLOW ___
LOCATION: ELEVATION 551' WATER SHED POTOMAC RIVER
DISTRICT CACAPON COUNTY MORGAN
QUADRANGLE PAW PAW TOPO 75'
SURFACE OWNER LEE R. & BARBARA A. BLAU ACREAGE 10a
OIL & GAS ROYALTY OWNER E.P. NIXON (Now DARRYL E. NIXON, Agt.) LEASE ACREAGE 883a
LEASE NO. 77373
PROPOSED WORK: DRILL ___ CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR STIMULATE ___ PLUG OFF OLD FORMATION ___ PERFORATE NEW FORMATION ___ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____
PLUG AND ABANDON X CLEAN OUT AND REPLUG ___
TARGET FORMATION _____ ESTIMATED DEPTH _____
WELL OPERATOR CNG TRANS. CORP. DESIGNATED AGENT GLENN A. KNEPPER
ADDRESS 445 WEST MAIN STREET ADDRESS 347 WEST MAIN STREET
CLARKSBURG, WEST VIRGINIA CLARKSBURG, WEST VIRGINIA

JUL 08 1991



COURSES & DISTANCES

① S32°00'W	198.00'	⑩ N87°00'W	1716.00'	⑱ S57°30'E	198.00'
② S40°00'W	858.00'	⑪ N22°00'W	4587.00'	⑲ S57°30'E	198.00'
③ S50°00'W	808.50'	⑫ N24°00'W	412.50'	⑳ S65°00'E	990.00'
④ S37°00'W	1452.00'	⑬ N59°30'E	891.00'	㉑ S70°00'E	363.00'
⑤ N62°00'W	2277.00'	⑭ N77°00'E	728.15'	㉒ S67°00'E	412.50'
⑥ N48°00'W	825.00'	⑮ N84°30'E	1485.00'	㉓ S63°00'E	948.75'
⑦ S43°30'W	1650.00'			㉔ S56°30'E	759.00'
⑧ N83°30'W	321.75'			㉕ S49°45'E	475.20'
⑨ N24°00'W	1320.00'			㉖ S45°30'E	504.90'
				㉗ S34°00'E	252.45'
				㉘ S41°45'E	478.50'
				㉙ S39°30'E	277.20'
				⑳ S44°15'E	462.00'
				㉚ S70°00'E	693.00'

5.59-S
5.76-S
0.92-W
0.93-W

BM. USGS-577
1941 El. 528.21
Latitude: 38° 35' 00"
Longitude: 78° 26' 00"
PAW PAW QUADRANGLE

4-SE (E-18)

- New Location .
- Drill Deeper
- Redrill
- Abandonment

"I, the undersigned, hereby certify that this map is correct to the best of my knowledge and belief and shows all the information required by paragraph 6 of the rules and regulations of the oil and gas section of the mining laws of West Virginia."

Company Joyce Pipe Line Co.
 Address Andover, New York
 Farm Nixon
 Tract _____ Acres 883 ± Lease No. 10
 Well (Farm) No. M-1 Serial No. _____
 Elevation (Spirit Level) 551.4
 Quadrangle Paw Paw - WC
 County Morgan District Cocapon
 Engineer John S. Cleman
 Engineer's Registration No. 4231
 File No. _____ Drawing No. _____
 Date 4-20-65 Scale 1" = 2000'

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION
 CHARLESTON
WELL LOCATION MAP
 FILE NO. MOR-3

+ Denotes location of well on United States Topographic Maps, scale 1 to 62,500, latitude and longitude lines being represented by border lines as shown.
 — Denotes one inch spaces on border line of original tracing.

Samples Not received

1-1 319

Paw Paw Well



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

Quadrangle Faw-Faw

Permit No. MOR-3

WELL RECORD

Oil or Gas Well Gas
(KIND)

Company Joyce Pipe Line Co.
Address Box B, Andover, N. Y. 14806
Farm Eugene Nixon Acres 883
Location (waters) Potomac River
Well No. M-1 Elev. 551.4
District Cacapon County Morgan
The surface of tract is owned in fee by Eugene Nixon
Address Oldtown, Md.
Mineral rights are owned by Same
Address _____
Drilling commenced 4-29-65
Drilling completed 5-20-67
Date Shot _____ From _____ To _____
With _____
Open Flow _____ /10ths Water in _____ Inch
_____ /10ths Merc. in _____ Inch
Volume 48,000 Cu. Ft.
Rock Pressure 2000 P.S.I. lbs. _____ hrs.
Oil _____ bbls., 1st 24 hrs.
WELL ACIDIZED _____

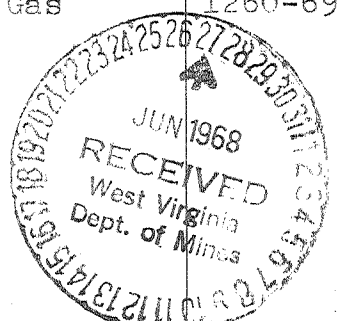
Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13			
10 3/4"	33'	33'	Size of
8 5/8"	563'	563'	
7"	2408'	2408'	Depth set
5 3/16"			
4 1/2"	4815'	4815'	Perf. top
2"			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED _____ SIZE _____ No. Ft. _____ Date _____
COAL WAS ENCOUNTERED AT NONE FEET _____ INCHES
_____ FEET _____ INCHES FEET _____ INCHES
_____ FEET _____ INCHES FEET _____ INCHES

WELL FRACTURED 25,000 Gal. Water Frac-18,000# 20-40
Sand Breakdown Pressure 3600 P.S.I.

RESULT AFTER TREATMENT 800,000 C.F. 800 MCF
ROCK PRESSURE AFTER TREATMENT 2000 P.S.I.
Fresh Water See Log Feet _____ Salt Water _____ Feet _____

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Med. Gray Shale & Siltstone			0	795'	F. Water	95'	
					F. Water	377'	
Intbd. Sandstone			795'	820'	F. Water	800'	
Med. Gray Shale, Sandy			820'	1080'	F. Water	900'	
Sandstone			1080'	1180'	S. Water	1180'	
Med. Gray Shale			1180'	1970'	S. Water	1207'	
					Gas	1260-69'	Show
Sandstone			1970'	2050'			
Dark Gray Shale & Siltstone			2050'	2800'			
Sandstone, Hard-Gray			2800'	2810'			
Gray Shale			2810'	2930'			
Sandstone			2930'	2960'			
Med. Gray Sandy Shale			2960'	3850'			
Light Gray Shale			3850'	4300'	Gas	3871-76'	500,000 C. MCF
Dark Gray & Black Shale			4300'	4572'			
ONONDAGA LS			4572'	4660'			
Light Gray Shale - Needmore			4660'	4718'			
ORISKANY S.S.			4718'	4864'	Gas	4800-20'	48,000 C. MCF
TOTAL DEPTH	*****	*****	*****	4864'			



(over)

ORISKANY DATA FROM MORGAN COUNTY GAS WELLS

Permit	Quad.	Oriskany	
		Top	Thickness
1.....	Stotlers.....	NOT DRILLED TO Do	
2.....	NOT DRILLED		
3.....	Paw Paw.....	-4167.....	146+
4.....	Paw Paw.....	-3983.....	164+
5.....	Stotlers.....	Below -5896....	Did not reach Do
6.....	Paw Paw.....	-5837.....	26.....Faulted
7.....	NOW PERMIT NO. 9		
8.....	Paw Paw.....	-5161.....	???.....Stopped in Do
9.....	Paw Paw.....	-4064.....	150