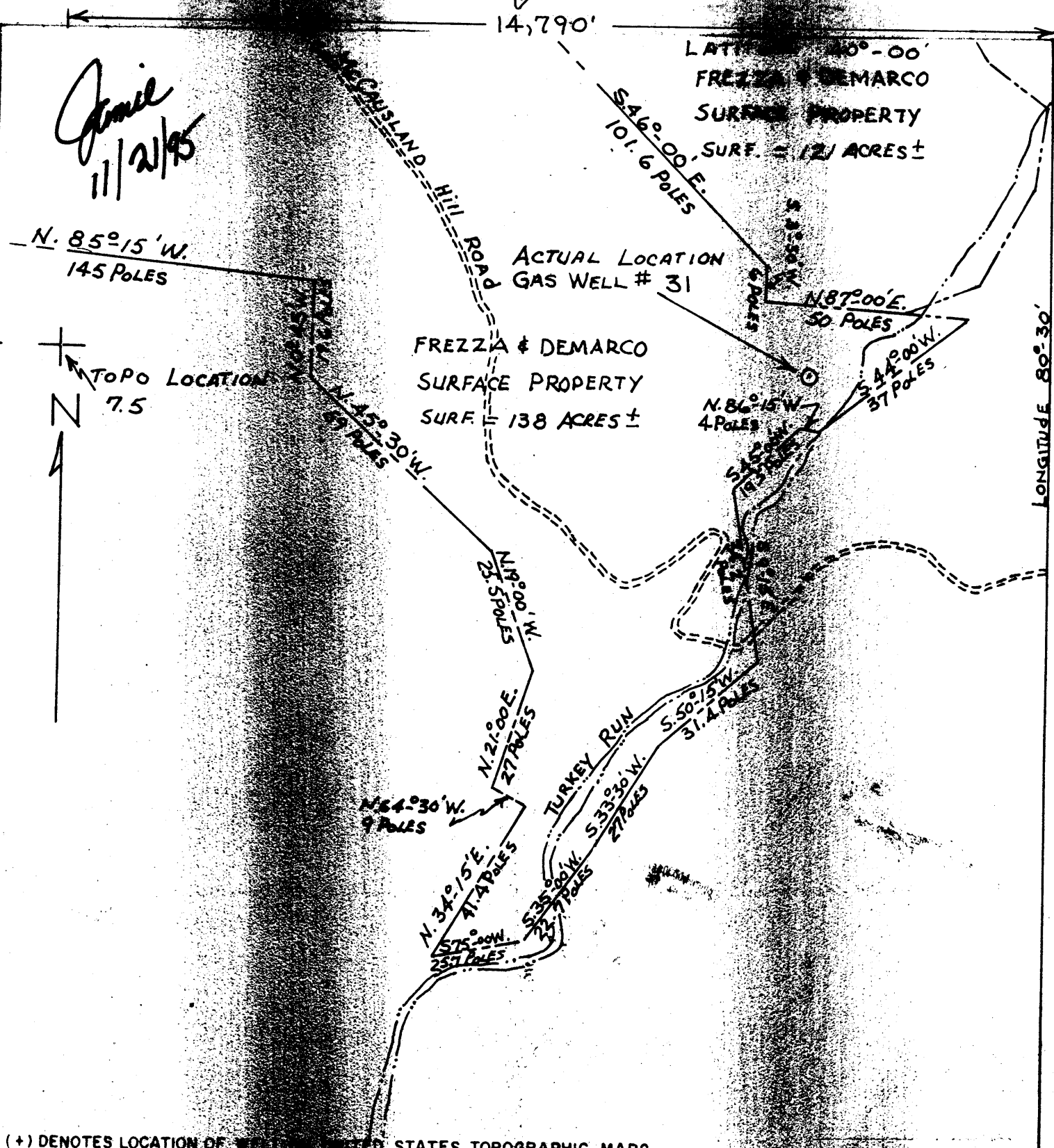


*Final*  
11/2/95

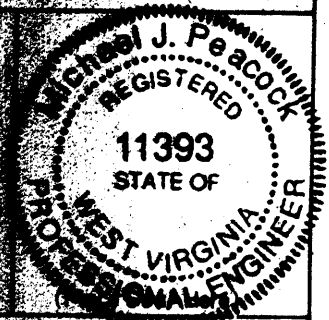


(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

FILE NO \_\_\_\_\_  
 DRAWING NO \_\_\_\_\_  
 SCALE 1" = 500'  
 MINIMUM DEGREE OF ACCURACY 1 in 5000  
 PROVEN SOURCE OF ELEVATION Company Survey

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 ENERGY

(Signed) \_\_\_\_\_  
 R.P.E. \_\_\_\_\_ L.L.S. \_\_\_\_\_



**STATE OF WEST VIRGINIA**  
**DEPARTMENT OF ENERGY**  
**OIL AND GAS DIVISION**



DATE September 20, 19\_\_\_\_  
 OPERATOR'S WELL NO 4354 Co. #3  
 API WELL NO  
 47 051 00290 P  
 STATE COUNTY PERMIT

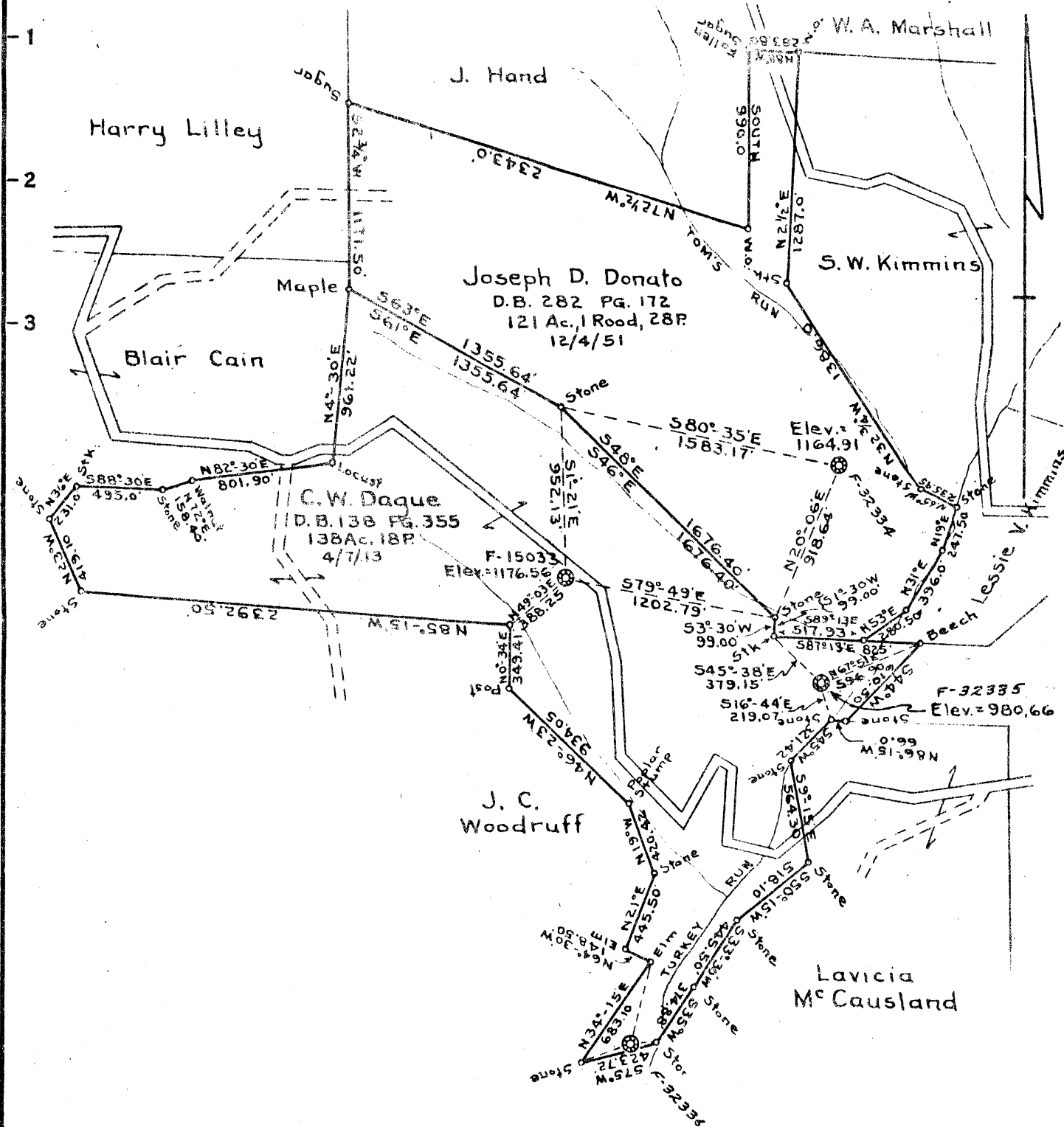
WELL TYPE: OIL \_\_\_ GAS  LIQUID INJECTION \_\_\_ WASTE DISPOSAL \_\_\_  
 DRY HOLE \_\_\_ (IF "GAS" PRODUCTION STORAGE DEEP \_\_\_ SHALLOW  ABANDONED \_\_\_  
 LOCATION ELEVATION 980.66 WATERSHED Turkey Run  
 DISTRICT Sand Hill COUNTY Marshall  
 QUADRANGLE \_\_\_\_\_  
 SURFACE OWNER Frezza & Demarco ACREAGE 138  
 OIL & GAS ROYALTY OWNER \_\_\_\_\_ LEASE ACREAGE \_\_\_\_\_

PROPOSED WORK: DRILL \_\_\_ CONVERT \_\_\_ DRILL DEEPER \_\_\_ REDRILL \_\_\_ FRACTURE OR STIMULATE \_\_\_ PLUG OFF OLD FORMATION \_\_\_ PERFORATE NEW FORMATION \_\_\_ OTHER PHYSICAL CHANGE IN WELL (Specify) Plug Well

PLUG AND ABANDON \_\_\_ CLEANOUT AND REPLUG \_\_\_  
 TARGET FORMATION \_\_\_\_\_ ESTIMATED DEPTH 2500'  
 WELL OPERATOR Columbia Gas Transmission Co. DESIGNATED AGENT C. Bert Shelek Jr.

NOV 21 1995

COUNTY NAME  
 PERMIT



COAL OWNED BY \_\_\_\_\_

NEW LOCATION.....

DRILL DEEPER.....

ABANDONMENT.....

COMPANY THE MANUFACTURERS LIGHT & HEAT

ADDRESS 800 UNION TRUST BLDG. PGH. PA.

FARM C.W. DAGUE

TRACT ACRES 138 AC. 18P LEASE NO. 24632

WELL (FARM) No. \_\_\_\_\_ SERIAL No. F-32335

ELEVATION (SPIRIT LEVEL) 980.66'

QUADRANGLE CAMERON

COUNTY MARSHALL DISTRICT SANDHILL

ENGINEER A.C. Streaton

ENGINEER'S REGISTRATION No. 9442

FILE No. \_\_\_\_\_ DRAWING No. F-15-306

DATE 3 October 1955 SCALE 1" = 800'

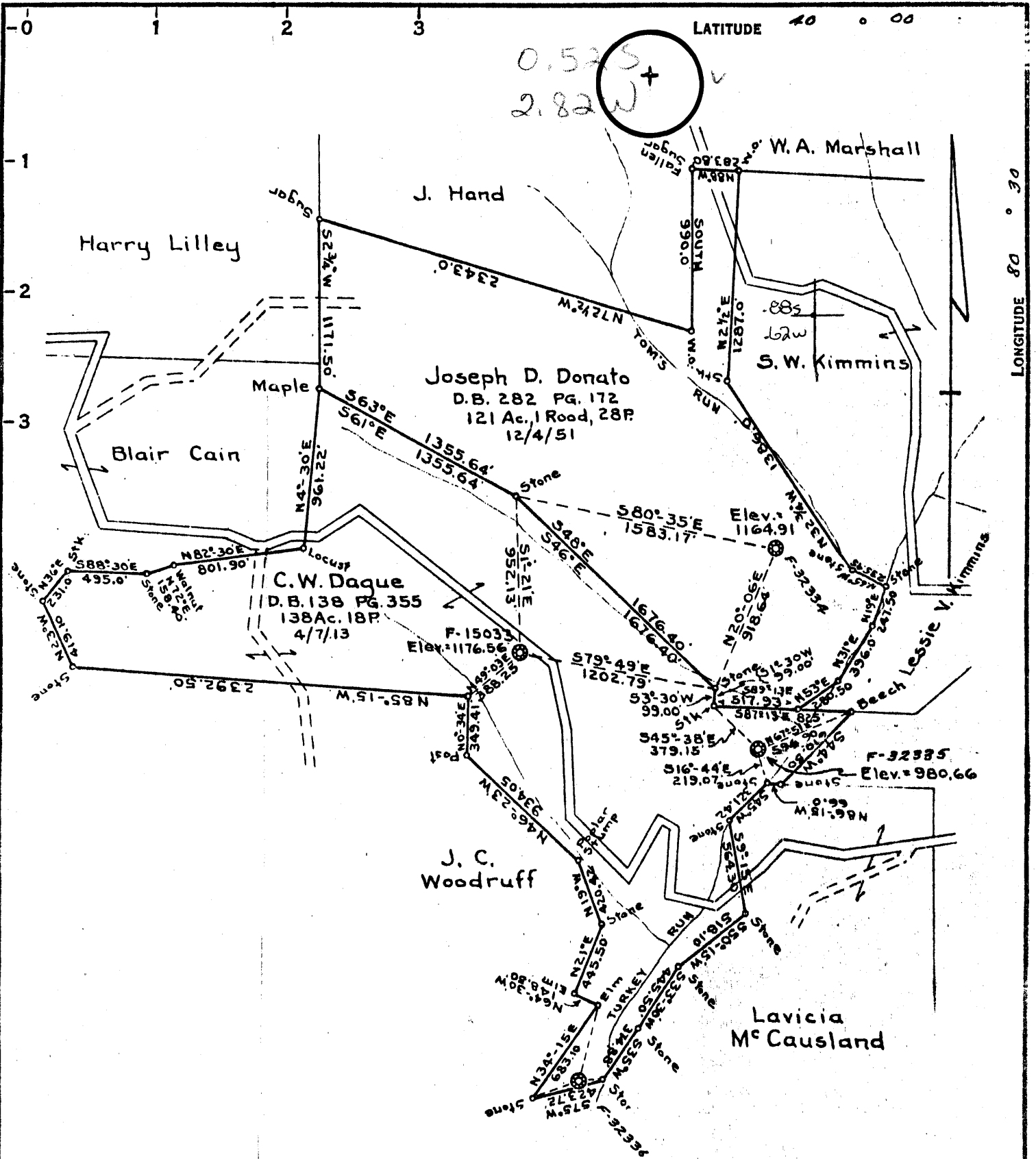
STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION  
CHARLESTON

### WELL LOCATION MAP

FILE No. MARS-290

+ 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.



COAL OWNED BY Manor Real Estate Co.

~~Redrill~~  
 NEW LOCATION   
 DRILL DEEPER   
 ABANDONMENT  issued July 27, 1970

COMPANY THE MANUFACTURERS LIGHT & HEAT  
 ADDRESS 800 UNION TRUST BLDG. PGH. PA.  
 FARM C.W. DAQUE  
 TRACT ACRES 138 Ac. 18P LEASE No. 24632  
 WELL (FARM) No. \_\_\_\_\_ SERIAL No. F-32335  
 ELEVATION (SPIRIT LEVEL) 980.66'  
 QUADRANGLE CAMERON NE  
 COUNTY MARSHALL DISTRICT SANDHILL  
 ENGINEER A.C. Streaton  
 ENGINEER'S REGISTRATION No. 9442  
 FILE No. \_\_\_\_\_ DRAWING No. Y-15-308  
 DATE 3 October 1965 SCALE 1" = 800'

STATE OF WEST VIRGINIA  
 DEPARTMENT OF MINES  
 OIL AND GAS DIVISION  
 CHARLESTON

**WELL LOCATION MAP**

FILE No. MARS-290-P

+ 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.

8-0  
 5-6 0 AUG 1 1970

STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION

Quadrangle Cameron

## WELL RECORD

Permit No. MARS-290

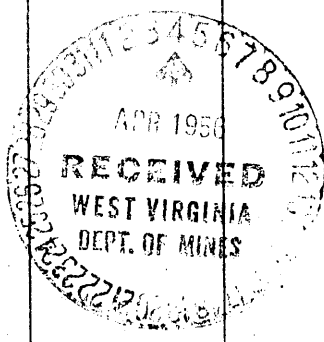
Oil or Gas Well Gas  
(KIND)

Company THE MANUFACTURERS LIGHT AND HEAT COMPANY  
Address 800 UNION TRUST BUILDING, PGH., PA.  
Farm C. W. Dague Acres 138  
Location (waters) \_\_\_\_\_  
Well No. 4354 (F-32335) Elev. 980.66'  
District Sandhill County Marshall  
The surface of tract is owned in fee by \_\_\_\_\_  
Address \_\_\_\_\_  
Mineral rights are owned by \_\_\_\_\_  
Address \_\_\_\_\_  
Drilling commenced October, 1955  
Drilling completed March 9, 1956  
Date Shot \_\_\_\_\_ From \_\_\_\_\_ To \_\_\_\_\_  
With \_\_\_\_\_  
Open Flow 36/10ths Water in 1/8 Inch  
\_\_\_\_\_ /10ths Merc. in \_\_\_\_\_ Inch  
Volume 735 Cu. Ft.  
Rock Pressure 105 lbs. 72 hrs.  
Oil \_\_\_\_\_ bbls., 1st 24 hrs.  
Fresh water \_\_\_\_\_ feet  
Salt water \_\_\_\_\_ feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			Anchor
18	153'	153'	Size of <u>4 1/2 x 6 5/8"</u>
10	491'	491'	Depth set <u>2210</u>
8 3/4"	531'	531'	
8 5/8"	1445'	1445'	
<del>8 1/2"</del> 4"		2500'	
8"			Perf. top _____
8"			Perf. bottom _____
Liners Used			Perf. top _____
			Perf. bottom _____

CASING CEMENTED	SIZE	No. Ft.	Date
COAL WAS ENCOUNTERED AT <u>462</u> FEET INCHES			

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Schulmberger	Gama Ray	Record			Observation Well		Reconditioned on W.O. 1552-L-1187-5
			462	466	Elevation - 980.66'		
✓ Pgh. Coal			926	935	13 3/8" Cog.	153'	Cemented with 132 bags
✓ Lime or Sand			973	991	11/1/55		
✓ Big Dunkard Sand			1063	1120	10 3/4" Cog.	491'	Cemented with 150 bags
✓ Gas Sand			1155	1164	11/30/55		
✓ Sand 1/2			1175		Neutron leg		indicates water from 1170' to 1230'
✓ 1st. and 2nd.				1325			
Salt Sands			1340	1441	Neutron leg		indicates water in 3rd salt
✓ 3rd. Salt Sand 2nd			1460	1492			
✓ Maxton Sand			1503	1535			
✓ Big Lime			1535	1758			
✓ Big Injun			2107	2120	Gas 2110' (Non-Storage Zone)		
✓ Upper 30' (Beres)					Tubing Perforated - 2310'		
✓ No. 50' Sand					Tubing Perforated - 2370'		
✓ No. 30' Sand			2448	2470	Tubing Perforated - 2460'		
✓ Gordon Sand			2555	2595	Temperature Survey did not indicate any other Gas		
✓ 5th Sand				2500	8 5/8" Csg. 531' of new screwed on & cemented with 125 bags 1/15/56.		
C.O. to Original depth of 2637' Plugged back to 2503' with cement & chips. Lead plug at 2503' to 2500'.					Bottom of original 8" - 845'		
TOTAL DEPTH:					7" Cas. 1445' Cemented with 20 bags & annulus filled to surface with aquagel. 2/1/56.		
					4 1/2" tubing - 2500' Anchor packer at 2210' 3/8/56.		
					1503		981
					981		462
					522		519



AFFIDAVIT OF PLUGGING AND FILLING WELL

AFFIDAVIT SHOULD BE MADE IN TRIPLICATE, one copy mailed to the Division, one copy to be retained by the Well Operator and the third copy (and extra copies if required) should be mailed to each coal operator at their respective addresses.

Consol Penn Coal Company  
Coal Operator or Owner  
Route 4, Box 425, Moundsville, WV 26041  
Address

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Coal Operator or Owner  
Address  
C. W. Dague  
Lease or Property Owner  
Address

Consol Penn Coal Company  
Name of Well Operator  
450 Racetrack Road, Washington, Pa. 15301  
Complete Address  
December 05 19 95

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WELL AND LOCATION  
Sandhill District  
Marshall County

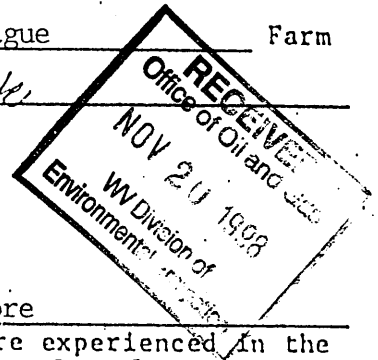
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WELL NO. MARS #290-P

STATE INSPECTOR SUPERVISING PLUGGING Randal Meek Farm  
AFFIDAVIT

STATE OF WEST VIRGINIA,  
County of Harrison ss:

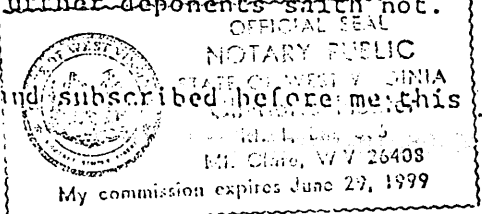
Glen Andrew Lang and George R. Gore  
being first duly sworn according to law depose and say that they are experienced in the work of plugging and filling oil and gas wells and were employed by Consol Penn Coal Company, well operator, and participated in the work of plugging and filling the above well, that said work was commenced on the 12th day of November, 19 95, and that the well was plugged and filled in the following manner:



Sand or Zone Record Formation	Filling Material	Plugs Used Size & Kind	Casing	
			CSG PULLED	CSG LEFT IN
Cleaned hole with 6 1/4" bit to 1700'. Cleaned out cement from 1470' to 1700'. Pulled 354.54' of 8" casing. Eight inch casing remaining in hole, cemented in could not pull.		7" 8 5/8" 10 3/4"	-0- 354.54	1454' 395.46
Metal munched 8" casing from 354' to 483'. Section milled. 10" casing from 459' through coal seam to 479'. Cut 8" casing remaining in hole at 750', 650', and 550'. Cut 10" casing remaining in hole at 450', 320', 250', and 150'. Cemented hole from 1700' back to surface solid using 408 sacks of poz mix and 126 sacks of thixotropic cement as follows: Sent cement plug from 1700' to 670' with poz mix. Sent cement plug from 670' to 270' with thixotropic cement. Sent cement plug from 270' back to surface with poz mix. Cement did circulate. Used 2,000 gallons of mud flush.			-0-	unknown
TOTAL SOLID CEMENT PLUG: 1,700 feet				
Coal Seams	Description of Monument			
(Name) Pittsburgh	468' to 474'	Engraved steel plaque stating: Consol Penn Coal Co. WELL #MARS 290-P Permit #47-051-00290-P		
(Name)				
(Name)				
(Name)				

and that the work of plugging and filling said well was completed on the 4th day of December, 19 95.

And further deponents saith not.  
Sworn to and subscribed before me this 5th day of December, 19 95.  
My commission expires: June 27, 1999



George R. Gore  
Glen Andrew Lang  
Charlotte Heater  
Notary Public

MARS 0290-P