

VANSANT-4-2

API No. 45-027-20110-00-03 VDMR Well Rep. No. _____
 DMQ File No. BU-122

Operator COLUMBIA GAS TRANSMISSION CORPORATION
 Farm JOHN W. POBST ET AL
 Co. Well No. 9719-T

County BUCHANAN Quadrangle VANSANT - 7-1/2'
 Location (UTM) N 4,115,760; E 401,360 UTM Zone 17
 (Lat. and Long.) _____

Field _____ Province APPALACHIAN PLATEAUS

Elev. (specify) 1987.42' GR. TD 6772' Form. at TD CORNIFEROUS
 INITIAL FLOW - 103,000 CU. FT. Age DEVONIAN

Date compl. or abandoned JULY 5, 1973
 Result GAS WELL
 Gas Shows 3442'; 4435'
 Gas Pays 3436' to 3443'; 4428'
 Main Production 4428' to 4435' Prod. Form. BIG LIME
 Age MISSISSIPPIAN

Treatment: FRACTURED MAXON SAND WITH 500 GALLONS MCA, 22,000 # 20/40
SAND AND 925 BARRELS WATER FROM 3436' to 3443' THROUGH 29 HOLES
TEST AFTER FRACTURE - 0 - MCF AFTER BLOWING 6 HOURS. TEST AFTER ACIDIZING
BIG LIME FROM 4428' to 4435'; 249 MCF AFTER BLOWING 6 HOURS NO RESULTS
 Initial Production AFTER SHOOTING THE BROWN SHALE FORMATION.
FINAL FLOW - 249,000 CU. FT.

Oil shows _____
 Water FW _____ at _____ at _____ at _____
 SW _____ at _____ at _____ at _____

Coal _____

Plat X Plotted X Completion Report X
 Drillers Log X Geologic Log _____
 Samples _____ Interval Sheet _____
 Sample Interval _____
 Remarks _____

Geophysical Logs S.P. _____ Res X Gamma X Neutron _____
 Density X Sonic _____ Other TEMPERATURE, CALIPER, DUAL
INDUCTION

Stratigraphic Data Source

<u>Formation</u>	<u>Top</u>	<u>Datum (Subsea)</u>	<u>Thickness</u>
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Remarks

References

Released to Open File: Completion OCTOBER 3, 1973
Samples NONE

(Note: UTM measurements in meters, all others in feet)

Commonwealth of Virginia
Department of Conservation and Development
VIRGINIA GEOLOGICAL SURVEY
Box 1428, University Station, Charlottesville, Va.

Well No. 9719-T
Co. No. _____
Office No. _____

Buchanan
County
Prather
District
Vansant Topo
Map

NOTICE OF ~~DEEPENING~~ ^{ DEEPENING } PROPOSED OIL OR GAS WELL

(This report must be submitted within 30 days after commencing well.)

To: The Virginia Geological Survey
Box 1428, University Station
Charlottesville, Va.

Date August 23, 1972

Gentlemen:

The undersigned ~~did~~ will begin on or about September 5, 19 72, the ~~deepening~~ drilling of a well for oil or gas on the John W. Pobst, et al Farm, comprising 12,716.82 Acres, in the Prather District of Buchanan county, Virginia, having the fee title thereto, (or as the case may be) under grant or lease dated May 1, 1971, made by John W. Pobst, et al to United Fuel Gas Co. and recorded on the 25 day of June 1971, in the office of the County Clerk for said County in Book 201, page 214

The well is 2000 ^{feet} ~~miles~~ Northeast of the mouth of Low Gap Hollow.

4050 ^{feet} ~~miles~~ Northeast of the mouth of Big Hollow.

(Give direction and distance in feet or tenths of a mile from two (2) location reference points or map coordinates shown on quadrangle topographic map or, where such map is not available, give direction and distance from two (2) known reference points on County Highway map.)

It is proposed to drill this well to a depth of about 6760 feet. Samples or cuttings therefrom ~~will not~~ will be available for examination by a member of the Survey staff. Cuttings ~~will not~~ will be furnished the Survey upon request, if sacks for same are supplied by the Survey.

The undersigned is informed regarding laws of the Commonwealth of Virginia requiring the plugging or sealing of all dry or abandoned oil and gas wells in which oil or gas bearing stratum has been found, and in which workable coal beds have or have not been penetrated, or from which oil or gas has escaped or been wasted, in the manner prescribed in Chapters 112 and 411 of the Code of Virginia [1948]. He is also informed in regard to the provisions of Chapter 508 of the said Code, requiring notices and reports of wells drilled to be submitted to the Virginia Geological Survey Division of the Department of Conservation and Development within thirty (30) days after the beginning and completion (or abandonment) of any oil or gas well, and the supplying to the said Survey of such other technical or geological data as it may request from time to time.

Please send me Oil and Gas Well Completion Report (Form OG-2) and (if wanted) Drillers Report Book (Form WR-1) for use in reporting the completion of this well.

Very truly yours
COLUMBIA GAS TRANSMISSION CORP.

By Adman E. Erdman Supt., Civil Eng. Dept.
Drilling Company or Operator

P. O. Box 1273

Street

Charleston

City or Town

West Virginia 25325

State

This notice sent to drilling company or operator on _____ date

Received in offices of Virginia Geological Survey (returned) on _____ date

Commonwealth of Virginia
DEPARTMENT OF LABOR AND INDUSTRY
Division of Mines
Big Stone Gap, Virginia

~~REDRILL~~
NOTICE OF INTENTION TO DRILL OIL OR GAS WELL
~~DEEPEEN~~

(One copy of this report and three identical copies of a plat or map, on a scale not smaller than 400 feet to the inch, and showing information required by Section 45-114, Code of Virginia, 1950, must be submitted to the Division of Mines, and copies sent by registered mail to all persons defined in above law, prior to obtaining a permit to drill.)

TO: DIVISION OF MINES
BIG STONE GAP, VIRGINIA

Charleston, W. Va. 25325
Place

August 23, 19 72
Date

Gentlemen:

The undersigned proposes to begin as soon as a permit therefor is obtained from the Division of Mines, to drill, ~~redrill~~ (strike out two) a well for oil or gas on the J.W. Pobst, et al Farm, comprising 12,716.82 acres, in the Prater District of Buchanan County, Virginia, having the fee title thereto, or as the case may be, under grant or lease dated May 1, 1971, made by John W. Pobst, et al to United Fuel Gas Co. and recorded on the 25th day of June, 19 72 in the office of the County Clerk for said County in Book 201, page 214.

The proposed location of the well, as shown on the attached plat or map, is about 2000 feet Northeast of the mouth of Low Gap Hollow and about 4050 feet Northeast of the mouth of Big Hollow.

It is proposed to drill this well to a depth of about 6760 feet. Samples or cuttings therefrom will be available for examination by a member of the staff of the Virginia Geological Survey. Cuttings will be furnished the Survey.

A plat or map, in triplicate, on a scale not smaller than 400 feet to the inch, showing the proposed location of the well and other information, required in Section 45-114, Code of Virginia, 1950, is attached hereto. Copies of the plat and notice of intention to drill, redrill or deepen the aforementioned well have been sent to all interested persons as required by Section 45-114, above cited, as follows (List names and mail address of each. Use back of sheet if additional space is required):

1. John W. Pobst 483 East State Street Doylestown, Penna. 18901
2. Nancy P. Ellis 2011 Richard Jones Road, Apt. S-11 Nashville, Tennessee 37215
3. W. Kent Pobst Route 5 Cartersville, Ga. 30120
4. Helen C. Johnson, Trustee for Harriette R. Combs, Grundy, Virginia 24614
5. Helen C. Johnson Grundy, Virginia 24614
6. N. D. Street, Trustee for Marion S. Combs Grundy, Virginia 24614

(over)

Very truly yours,

Signature of officer or certifying party:

Arthur E. Hoffman
Name
Supt., Civil Engineering Dept.
Title

COLUMBIA GAS TRANSMISSION CORPORATION
Drilling Company or Operator
P. O. Box 1273
Street Address
Charleston, W. Va. 25325
City or Town, and State

File _____ Date Received _____ Well No. 9719-T

7. Frederick H. Combs, II
1602 Rockwood Road Richmond, Virginia 23226
8. Carol C. Irvin
2422 Fillmore Road Richmond, Virginia 23235
9. N. D. Street, Trustee for Martha Ellen Combs
Grundy, Virginia 24614
10. Levisa Coal Corporation al Corp
Grundy, Virginia 24614 Ir
11. Jewell Smokeless Coal Corp. k
Van Sant, Virginia 24656
12. Island Creek Coal Company
Keen Mountain, Virginia 24624

(To be filled in by
Division of Mines)
BUCHANAN
HURRICANE
VAUSANT
BU-122
File

COMMONWEALTH OF VIRGINIA
DEPARTMENT OF LABOR AND INDUSTRY
DIVISION OF MINES
BIG STONE GAP, VIRGINIA
DEEPEMED
OIL AND GAS WELL COMPLETION REPORT
ABANDONMENT

(To be filled in by
Division of Mines)
Well No. 9719-T
Permit No. 110
Office No. _____
Location Plat _____

9719-T

(This report and a copy of electrical log, if made, must
be submitted to the Division of Mines within 30 days after
abandonment or completion of well, as required by Section
45-113, Code of Virginia, 1950.)

Company Columbia Gas Transmission Corp. Address P. O. Box 1273
John W. Pobst, et al Charleston, West Virginia 25325
Farm John W. Pobst, et al Acres 12,716.18
County Buchanan District Hurricane
Well No. (Company) 9719-T Elevation (ground surface) 1987.42 ft.

Location: (Give direction and distance in feet or tenths of a mile from two (2) location reference points or map coordinates shown on location plat or map previously filed with the Division of Mines or shown on quadrangle topographic map of area.)

2,000 feet North East of the mouth of Low Gap Hollow and
4,050 feet North East of the mouth of Big Hollow

Surface of tract is owned in fee simple by John W. Pobst, et al
Address 483 East State Street - Durlston, Pa. 18901
Mineral rights are owned by Lovisa Coal Corporation Lessee's Jewell Smokeless Coal Corp. and
Grundy, Virginia 24614 Island Creek Coal Company
Location made by J. R. Reynolds 8/4/72
Drilling commenced October 19, 1972 Drilling contractor MAY Resources Corporation
Drilling completed October 31, 1972 Address 630 Commerce St. - Charleston, W. Va. 25301

Well completed as ES well on July 5, 1973
Well abandoned at * _____ feet on _____, 19____; Reason _____
Well plugged on _____, 19____. Affidavit filed _____, 19____.
Total depth 6772 RRB-Flagged back to 4520' feet. Steel line measurement 6772 RRB feet.
Commenced producing on No line laid, 19____.

Oil Well
Initial production, oil: 1st 24 hours _____ bbls.; 2nd 24 hours _____ bbls.
After shot on _____ from _____ feet to _____ feet with _____ lbs.
After shot on _____ from _____ feet to _____ feet with _____ lbs.
1st 24 hours _____ bbls.; 2nd 24 hours _____ bbls.
Settled production _____ bbls. per day after producing _____ days
Gravity and grade of oil _____
Oil pays at (1) _____ feet to _____ feet. Oil shows at (1) _____ feet to _____ feet.
(2) _____ feet to _____ feet. (2) _____ feet to _____ feet.
(3) _____ feet to _____ feet. (3) _____ feet to _____ feet.
(4) _____ feet to _____ feet. (4) _____ feet to _____ feet.
Main production at _____ feet to _____ feet. (5) _____ feet to _____ feet.

Gas Well Gaged 35 /10ths. Water in 2 inch.
Initial open flow, gas: _____ /10ths. Mercury in _____ inch.
Volume 103,000 cu. ft.
After shot on *See Remarks from _____ feet to _____ feet with _____ lbs.
After shot on 11/1/72 from 5642 feet to 6772 feet with 12,000 lbs. Galatin
1st 24 hours _____ cu. ft., 2nd 24 hours _____ cu. ft.
Rook pressure: Initial _____ lbs.; after 96 hours 1390 lbs.
Settled production No line laid cu. ft. per day after producing _____ weeks
Gas pays at (1) 3436 feet to 3443 feet. Gas shows at (1) 3442 feet to _____ feet.
(2) 4428 feet to 4435 feet. (2) 4435 feet to _____ feet.
(3) _____ feet to _____ feet. (3) _____ feet to _____ feet.
(4) _____ feet to _____ feet. (4) _____ feet to _____ feet.
Main production 4428 feet to 4435 feet. (5) _____ feet to _____ feet.

Fresh water at (1) _____ feet, _____ GPM; (2) _____ feet, _____ GPM; (3) _____ feet, _____ GPM.
Salt water at (1) _____ feet; (2) _____ feet; (3) _____ feet; (4) _____ feet.
Coal: from _____ feet _____ inches to _____ feet _____ inches; from _____ feet _____ inches to _____ feet _____ inches; from _____ feet _____ inches to _____ feet _____ inches.
Well acidized from 4428 feet to 4435 feet with 1000 Gals. (quantity) of 28% acid.
from 4428 feet to 4435 feet with 2000 Gals. (quantity) of 15% acid.
from 4428 feet to 4435 feet with 2000 Gals. (quantity) of 7.1/2% acid.
Remarks: * Fractured M. Maxon sand with 500 Gals. MIA, 22,000 20/40 sand and 925 EBLS, water
from 3436' to 3443' thru 29 holes. Test after fracture - 0 mol after blowing 4 hours.
Test after acidizing Big line from 4428' to 4435' - 249 mol after blowing 6 hours.
No results after shooting the Brown Shale Formation. (Stimulation was done on 8/1/73)

CASINGS AND TUBING				PACKERS		
SIZE	USED IN DRILLING	LEFT IN WELL	PERFORATED	KIND	SIZE	SET AT
(inch)	(feet)	(feet)	(feet) to (feet)			
13 3/8	31	31	-	Model		
8 5/8	2386	2386	-	T.M.C.	1/2" x 3/8"	3516
4 1/2	4518	4518	3436-3443 29 holes 4428-4435 29 holes			
2 3/8	4422	4422				
LINERS						
SIZE	USED IN DRILLING	LEFT IN WELL	PERFORATED			
(inch)	(ft.)	(ft.)	(ft. to ft.)			
				NONE		
Casing Cemented: 8 5/8 inch. from 2362 feet to Surface feet. Date <u>October 25, 1972</u>						
4 1/2 inch. from 3486 feet to 3062 feet. Date <u>November 3, 1972</u>						
4 1/2 inch. from 4487 feet to 2790 feet. Date <u>November 3, 1972</u>						

Remarks: (Shut down, depths, dates; fishing jobs, depths, dates; casing; other notes)

Samples or cuttings will be available for examination by a member of the Virginia Geological Survey Yes (Yes/No)
Will be furnished the Virginia Geological Survey upon request Yes (Yes/No), if sacks for same are furnished by the Survey Yes (Yes/No)
Electrical log made X or not made _____ (check which).
Copy furnished herewith _____ or will be submitted on or by Columbia Gas Transmission Corporation
Depths FIG-OR 6380' to 100' P.O. Box 1273
Dual Induction 487A' to 2367' Charleston, West Virginia 25325
Temperature _____
The operator requests that information given herein and log of logs be kept confidential for a period of ninety days after completion of the well covered by this report No (Yes/No)

RECEIVED
MINE DIVISION
VA. DEPT. OF LABOR & INDUSTRY
JAN 8 1974
AM 7:18, 9:10, 11:12, 1:14, 3:16 PM

LOG

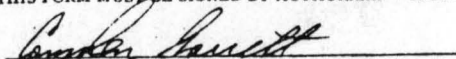
Furnished by Date

Compiled by R. Robinette Date 12/12/73

SAMPLE No.	FORMATION	COLOR	HARD OR SOFT	TOP (feet)	BOTTOM (feet)	THICKNESS (feet)	REMARKS Oil, Gas, Water Depths Shut Down Fishing, etc.
	Soil			0	20	20	
	Sand & Shale			20	110	90	
	Shale			110	191	81	
	Sand			191	225	34	
	Sandy Shale			225	446	221	
	Sand			446	532	86	
	Shale			532	582	50	
	Sand			582	627	45	
	Shale			627	720	93	
	Sand			720	755	35	
	Shale			755	793	38	
	Sand			793	900	107	
	Shale			900	1040	140	
	Shaly Sand			1040	1088	48	
	Sand			1088	1202	114	
	Sandy Shale			1202	1462	250	
	Sand			1462	1497	45	
	Sandy Shale			1497	1564	67	
	Shaly Sand			1564	1849	285	
	Sandy Shale			1849	2057	208	
	Sandy Shale			2057	2180	123	
	Salt Sand			2180	2295	115	
	Sandy Shale			2295	2367	72	
	Shale			2367	2392	25	
	Sand			2392	2402	10	
	Sandy Shale			2402	2608	206	
	Shale			2608	2782	174	
	Shaly Sand			2782	2820	38	
	Shale			2820	2842	22	
	Ravencliff-			2842	2925	133	
	Sandy Shale			2925	3160	185	
	U. Maxon			3160	3198	38	
	Sandy Shale			3198	3266	68	
	Sand			3266	3276	10	
	Shale			3276	3340	64	
	M. Maxon			3340	3448	108	Show of Gas @
	Shale			3448	3466	18	3442
	Shaly Sand			3466	3540	74	
	Shale			3540	3580	40	
	Sand			3580	3584	4	
	Shale			3584	3620	36	
	Sand			3620	3628	8	
	Shaly Sand			3628	3708	80	
	L. Maxon			3708	3762	54	
	Shale			3762	3810	48	
	Little Lime			3810	3880	70	
	Pencil Shale			3880	3886	6	
	Big Lime			3886	4444	558	Gas @ 4435 103 mef
	Red Injun			4444	4481	37	
	Weir Shale			4481	4686	205	
	Gray Shale			4686	5090	404	
	Coffee Shale			5090	5110	20	
	Berea Sand			5110	5124	14	
	Gray Shale			5124	6042	918	
	Brown Shale			6042	6766	724	
	Corniferous			6766	6772	6	
	TOTAL DEPTH		6772 RKB				

WELL PLUGGED BACK TO 4520' AFTER SHOT

THIS FORM MUST BE SIGNED BY AUTHORIZED PERSON:



(To be filled in by Division of Mines)

COMMONWEALTH OF VIRGINIA DEPARTMENT OF LABOR AND INDUSTRY

(To be filled in by Division of Mines)

County: _____ District: _____ Map: _____ File: _____ Well No.: _____ Permit No.: _____ Office No.: _____ Location Plat: _____

DIVISION OF MINES DEEPEMED OIL AND GAS WELL COMPLETION REPORT ABANDONMENT

Company: Columbia Gas Transmission Corp. Address: P. O. Box 1273, Charleston, West Virginia 25325 Farm: John W. Pobst, et al Acres: 12,716.18 County: Buchanan District: Hurricane Well No. (Company): 9719-T Elevation (ground surface): 1987.42 ft.

Location: (Give direction and distance in feet or tenths of a mile from two (2) location reference points or map coordinates shown on location plat or map previously filed with the Division of Mines or shown on quadrangle topographic map of area.) 2,000 feet North East of the mouth of Low Gap Hollow and 4,050 feet North East of the mouth of Big Hollow

Surface of tract is owned in fee simple by John W. Pobst, et al. Address: 483 East State Street - Doyletown, Pa. 18901. Mineral rights are owned by Lewis Coal Corporation, Lessee's Jewell Smokeless Coal Corp. and Grundy, Virginia 24614, Lessee's Island Creek Coal Company. Location made by J. B. Reynolds 8/4/72. Drilling contractor Ray Resources Corporation. Drilling commenced October 19, 1972. Drilling completed October 31, 1972. Address 630 Commerce St. - Charleston, W. Va. 25301

Well completed as gas well on July 5, 1973. Well abandoned at 6772 feet on 19. Reason: _____ Affidavit filed 19. Total depth 6772 RKB - Plugged back to 4520 feet. Steel line measurement 6772 RKB feet. Commenced producing on No line laid 19.

Oil Well Initial production, oil: 1st 24 hours _____ bbls.; 2nd 24 hours _____ bbls. After shot on _____ from _____ feet to _____ feet with _____ lbs. After shot on _____ from _____ feet to _____ feet with _____ lbs. 1st 24 hours _____ bbls.; 2nd 24 hours _____ bbls. Settled production _____ bbls. per day after producing _____ days weeks. Gravity and grade of oil _____ Oil pays at (1) _____ feet to _____ feet. Oil shows at (1) _____ feet to _____ feet. (2) _____ feet to _____ feet. (2) _____ feet to _____ feet. (3) _____ feet to _____ feet. (3) _____ feet to _____ feet. (4) _____ feet to _____ feet. (4) _____ feet to _____ feet. Main production at _____ feet to _____ feet. (5) _____ feet to _____ feet.

Gas Well Gaged 35/10ths. Water in 2 inch. Initial open flow, gas: 103,000 cu. ft. Volume _____ After shot on *See Remarks from _____ feet to _____ feet with _____ lbs. After shot on 11/1/72 from 5642 feet to 6772 feet with 12,000 lbs. Galatin. 1st 24 hours _____ cu. ft., 2nd 24 hours _____ cu. ft. Rock pressure: Initial _____ lbs.; after 96 hours 1390 lbs. Settled production No line laid cu. ft. per day after producing _____ weeks.

Gas pays at (1) 3436 feet to 3443 feet. Gas shows at (1) 3442 feet to _____ feet. (2) 4428 feet to 4435 feet. (2) 4435 feet to _____ feet. (3) _____ feet to _____ feet. (3) _____ feet to _____ feet. (4) _____ feet to _____ feet. (4) _____ feet to _____ feet. Main production 4428 feet to 4435 feet. (5) _____ feet to _____ feet.

Fresh water at (1) _____ feet, _____ GPM; (2) _____ feet, _____ GPM; (3) _____ feet, _____ GPM. Salt water at (1) _____ feet; (2) _____ feet; (3) _____ feet; (4) _____ feet. Coal: from _____ feet _____ inches to _____ feet _____ inches; from _____ feet _____ inches to _____ feet _____ inches. Well acidized from 4428 feet to 4435 feet with 1000 Gals. (quantity of 28% acid. from 4428 feet to 4435 feet with 2000 Gals. (quantity of 15% acid. from 4428 feet to 4435 feet with 2000 Gals. (quantity of 7 1/2% acid. Remarks: * Fractured M. Maxon sand with 500 Gals. MCA, 22,000# 20/40 sand and 925 BBLS. water from 3436' to 3443' thru 29 holes. Test after fracture - 0 mcf after blowing 6 hours. Test after acidizing Big line from 4428' to 4435' - 2.9 mcf after blowing 6 hours. No results after shooting the Brown Shale Formation. (Stimulation was done on 6/1/73)

Table with columns: CASING AND TUBING (SIZE, USED IN DRILLING, LEFT IN WELL, PERFORATED) and PACKERS (KIND, SIZE, SET AT). Includes rows for 13 3/8, 8 5/8, 4 1/2, and 2 3/8 inch casings. Also includes LINERS section with columns: SIZE, USED IN DRILLING, LEFT IN WELL, PERFORATED.

Remarks: (Shut down, depths, dates; fishing jobs, depths, dates; casing; other notes) Casing Cemented: 8 5/8 inch. from 2362 feet to Surface feet. Date October 25, 1972. 4 1/2 inch. from 3486 feet to 3062 feet. Date November 3, 1972. 4 1/2 inch. from 4487 feet to 3730 feet. Date November 3, 1972.

Samples or cuttings will be available for examination by a member of the Virginia Geological Survey Yes (Yes) (No) Will be furnished the Virginia Geological Survey upon request Yes (Yes) (No), if sacks for same are furnished by the Survey Yes (Yes) (No) Electrical log made X or not made (check which). Copy furnished herewith or will be submitted on or by Columbia Gas Transmission Corporation 19. Depths: FDC-GR 6380' to 100' Dual Induction 4874' to 2367' Temperature P.O. Box 1273 Charleston, West Virginia 25325

The operator requests that information given herein and log or logs be kept confidential for a period of ninety days after completion of the well covered by this report No (Yes) (No)

LOG

Furnished by _____ Date _____

Compiled by R. Robinette Date 12/12/73

SAMPLE No.	FORMATION	COLOR	HARD OR SOFT	Top (feet)	Bottom (feet)	THICKNESS (feet)	REMARKS OIL, GAS, WATER DEPTHS SHUT DOWN FISHING, ETC.
	Soil			0	20	20	
	Sand & Shale			20	110	90	
	Shale			110	191	81	
	Sand			191	225	34	
	Sandy Shale			225	446	221	
	Sand			446	532	86	
	Shale			532	582	50	
	Shale			582	627	45	
	Sand			627	720	93	
	Shale			720	755	35	
	Shale			755	793	38	
	Sand			793	900	107	
	Shale			900	1040	140	
	Shaly Sand			1040	1088	48	
	Sand			1088	1202	114	
	Sandy Shale			1202	1452	250	
	Sand			1452	1497	45	
	Sandy Shale			1497	1564	67	
	Shaly Sand			1564	1849	285	
	Sandy Shale			1849	2057	208	
	Sandy Shale			2057	2180	123	
	Salt Sand			2180	2295	115	
	Sandy Shale			2295	2367	72	
	Shale			2367	2392	25	
	Sand			2392	2402	10	
	Sandy Shale			2402	2608	206	
	Shale			2608	2782	174	
	Shaley Sand			2782	2820	38	
	Shale			2820	2842	22	
	Ravencliff			2842	2925	133	
	Sandy Shale			2925	3160	185	
	U. Maxon			3160	3198	38	
	Sandy Shale			3198	3266	68	
	Sand			3266	3276	10	
	Shale			3276	3340	64	
	M. Maxon			3340	3448	108	Show of Gas @
	Shale			3448	3466	18	3442
	Shaly Sand			3466	3540	74	
	Shale			3540	3580	40	
	Sand			3580	3594	14	
	Shale			3594	3620	26	
	Sand			3620	3628	8	
	Shaly Sand			3628	3708	80	
	L. Maxon			3708	3762	54	
	Shale			3762	3810	48	
	Little Lime			3810	3880	70	
	Pencil Shale			3880	3886	6	
	Big Lime			3886	4444	558	Gas @ 4435 103 mcf
	Red Injun			4444	4481	37	
	Weir Shells			4481	4686	205	
	Gray Shale			4686	5090	404	
	Coffee Shale			5090	5110	20	
	Berea Sand			5110	5124	14	
	Gray Shale			5124	6042	918	
	Brown Shale			6042	6766	724	
	Corniferous			6766	6772	6	
	TOTAL DEPTH		6772 RKE				

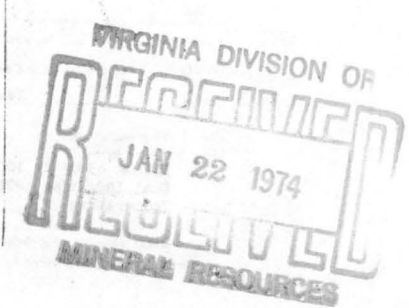
3144P
392T
523

3280
3442
430

WELL PLUGGED BACK TO 4520' AFTER SHOT

THIS FORM MUST BE SIGNED BY AUTHORIZED PERSON:

Randall Bennett



Operator: Columbia Gas Transmission Corporation
 Farm: John W. Pobst et al
 Well No.: 9719-T
 Location: Buchanan County
 6600' N. of 37°10'00"
 4000' E. of 82°07'30"
 Elevation: 1987.42' Gr.
 Total Depth: 6772' RKB PBTD 4520'
 Drilling Commenced: October 19, 1972
 Drilling Completed: October 31, 1972
 Result: Completed as gas well on July 5, 1973

1987
 444
 1521
 1987
 1640
 347
 1987
 1480
 507
 1987
 522
 1405

DRILLERS LOG

<u>Formation</u>	<u>Top (feet)</u>	<u>Bottom (feet)</u>
Soil	0	20
Sand & Shale	20	110
Shale	110	191
Sand	191	225
Sandy Shale	225	446
Sand	446	532
Shale	532	582
Sand	582	627
Shale	627	720
Sand	720	755
Shale	755	793
Sand	793	900
Shale	900	1040
Shaly Sand	1040	1088
Sand	1088	1202
Sandy Shale	1202	1452
Sand	1452	1497
Sandy Shale	1497	1564
Shaly Sand	1564	1849
Sandy Shale	1849	2057
Sandy Shale	2057	2180
Salt Sand	2180	2295
Sandy Shale	2295	2367
Shale	2367	2392
Sand	2392	2402
Sandy Shale	2402	2608
Shale	2608	2782
Shaley Sand	2782	2820
Shale	2820	2842
Ravencliff	2842	2925
Sandy Shale	2925	3160
U. Maxon	3160	3198

McCLISS
 McCLISS

VDMR Well No.: W-

<u>Formation</u>	<u>Top (feet)</u>	<u>Bottom (feet)</u>
Sandy Shale	3198	3266
Sand	3266	3276
Shale	3276	3340
M. Maxon, Show of Gas @ 3442	3340	3448
Shale	3448	3466
Shaly Sand	3466	3540
Shale	3540	3580
Sand	3580	3594
Shale	3594	3620
Sand	3620	3628
Shaly Sand	3628	3708
L. Maxon	3708	3762
Shale	3762	3810
Little Lime	3810	3880
Pencil Shale	3880	3886
Big Lime, Gas @ 4435 103 mcf	3886	4444
Red Injun	4444	4481
Weir Shells	4481	4686
Gray Shale	4686	5090
Coffee Shale	5090	5110
Berea Sand	5110	5124
Gray Shale	5124	6042
Brown Shale	6042	6766
Corniferous	6766	6772
TOTAL DEPTH		6772 RKB

Remarks: Initial open flow 103,000 after shot on 11-1-72 from 5642-6772'.
 Fractured M. Maxon sand with 500 Gals. MCA, 22,000# 20/40 sand and 925 BBLs. water from 3436' to 3443' thru 29 holes. Test after fracture - 0 mcf after blowing 6 hours. Test after acidizing Big Lime from 4428' to 4435' - 249 mcf after blowing 6 hours. No results after shooting the Brown Shale Formation. (Stimulation was done on 6/1/73)

Operator: Columbia Gas Transmission Corporation
 Farm: John W. Popst et al
 Well No.: 9719-T
 Location: Buchanan County
 6600' N. of 37°10'00"
 4000' E. of 82°07'30"
 Elevation: 1987.42' Gr.
 Total Depth: 6772' RKB PBTD 4520'
 Drilling Commenced: October 19, 1972
 Drilling Completed: October 31, 1972
 Result: Completed as gas well on July 5, 1973

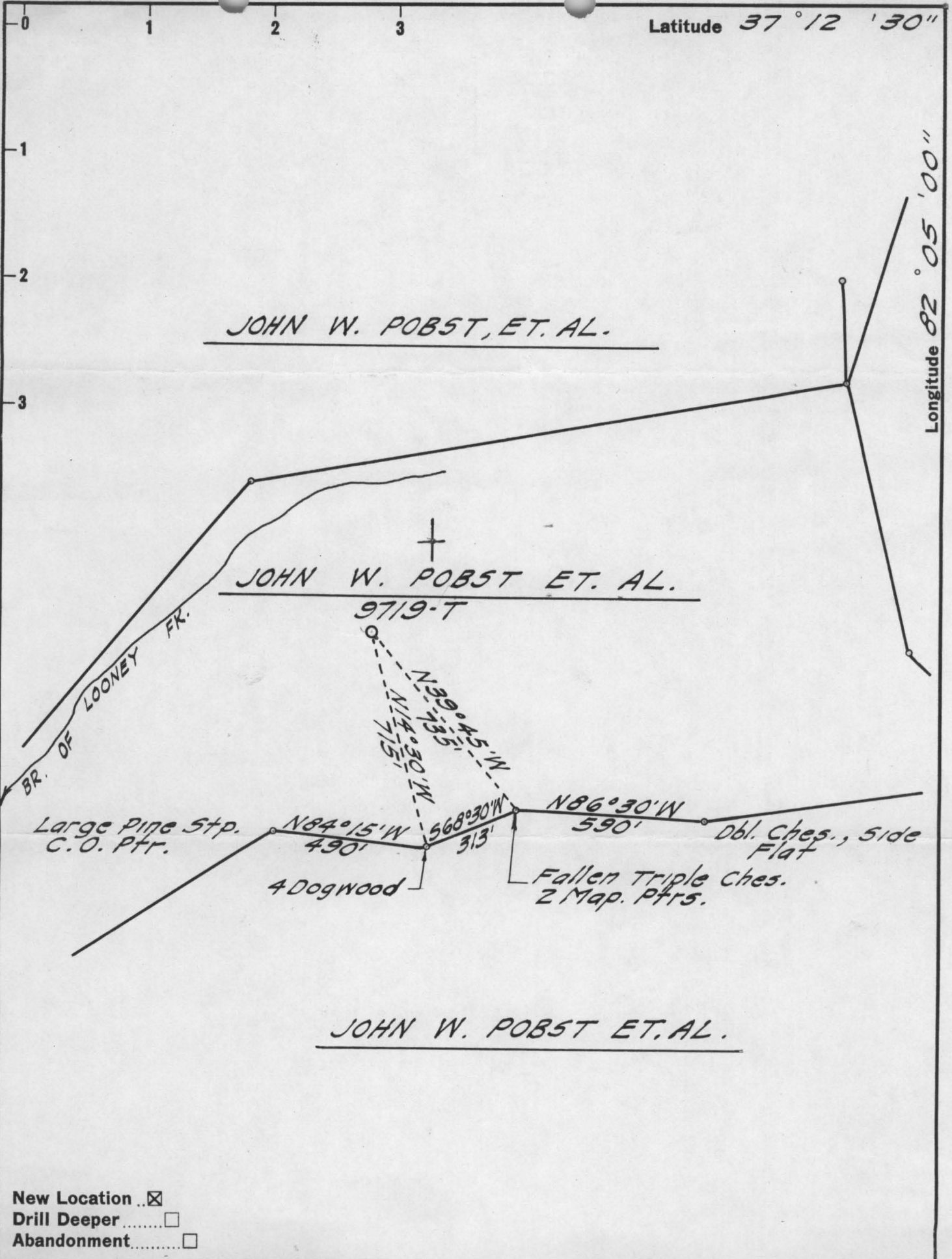
DRILLERS LOG

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Shale	2608	2782
Shaley Sand	2782	2820
Shale	2820	2842
Ravencliff	2842	2925
Sandy Shale	2925	3160
U. Maxon	3160	3198

VDMR Well No.: W-

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Sand	3266	3276
Shale	3276	3340
M. Maxon, Show of Gas @ 3442	3340	3448
Shale	3448	3466
Shaly Sand	3466	3540
Shale	3540	3580
Sand	3580	3594
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New Location
 Drill Deeper
 Abandonment

Company COLUMBIA GAS TRANSMISSION CORP.
 Address CHARLESTON, W. VA.
 Farm JOHN W. POBST ET. AL.
 Tract _____ Acres 12,716.82 Lease No. 65949
 Well (Farm) No. _____ Serial No. 9719-T
 Elevation (Spirit Level) 1987.42'
 Quadrangle VANSANT
 County BUCHANAN District PRATER
 Engineer Adrian E. Buchanan
 Engineer's Registration No. 2330-W.VA.
 File No. 36-389 Drawing No. _____
 Date AUG. 4, '72 Scale 1" = 400'

COMMONWEALTH OF VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION
 BIG STONE GAP

WELL LOCATION MAP

FILE NO. _____

+ Denotes location of well on United States Topographic Maps, scale 1 to 24,000, latitude and longitude lines being represented by border lines as shown.

- Denotes one inch spaces on border line of original tracing.

VIRGINIA DIVISION OF

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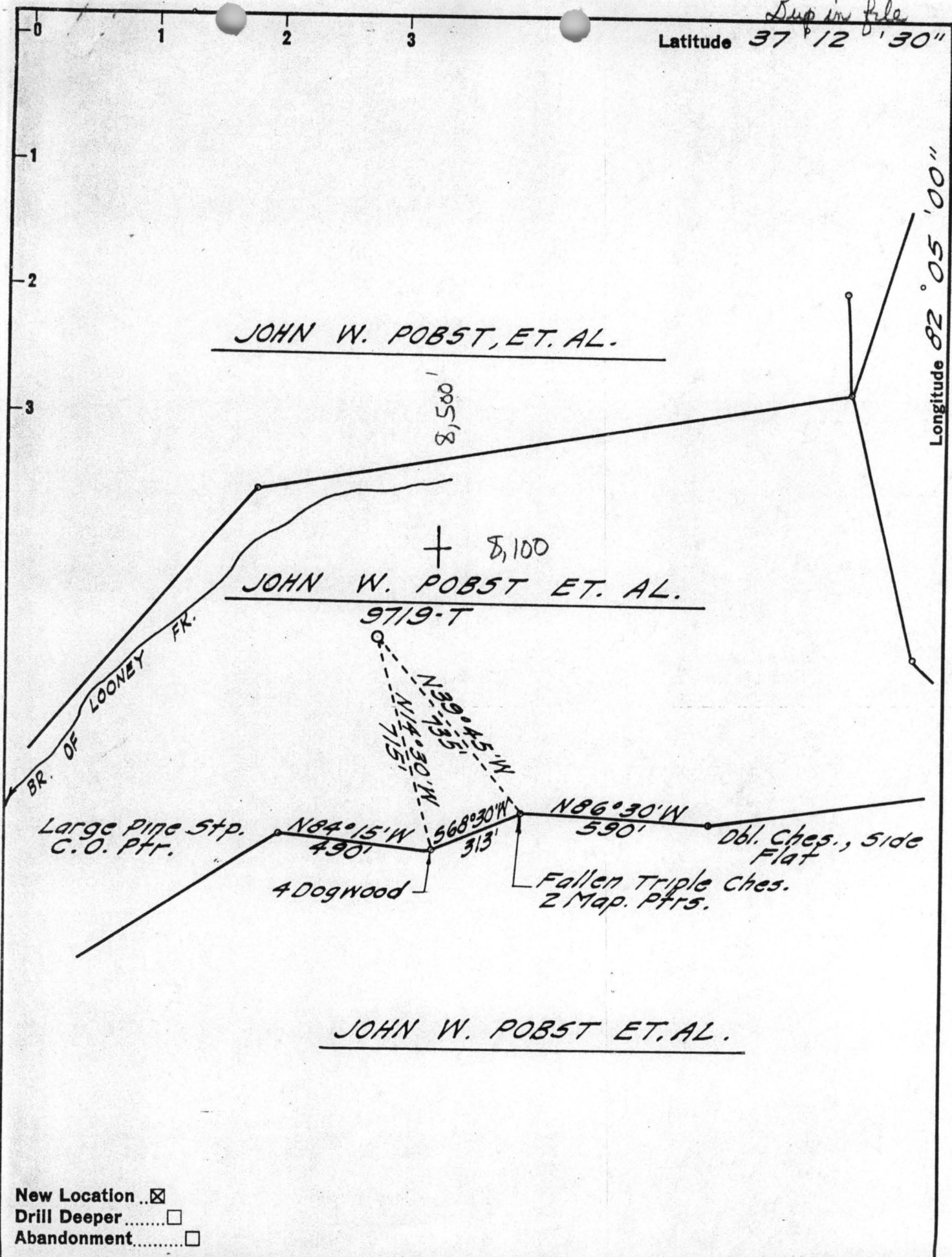
AUG 25 1972

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MINERAL RESOURCES

Dup in file ✓

Latitude 37° 12' 30"

Longitude 82° 05' 00"



New Location
 Drill Deeper
 Abandonment

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COMMONWEALTH OF VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION
 BIG STONE GAP
Handwritten: 9719-T

WELL LOCATION MAP
 FILE NO. Bu-122

+ Denotes location of well on United States Topographic Maps, scale 1 to 24,000, latitude and longitude lines being represented by border lines as shown.

- Denotes one inch spaces on border line of original tracing.