

Accuracy of survey is within limits set by the Oil & Gas Division, W. Va. Dept. of Mines.

Elevation based on U.S.G.S. B.M. #TT-22, standard metal plate in concrete block north of Legg Fork Road, 1,300' west of mouth of Prillerman Hollow. Elevation 645.0.

"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."

John H. Burnett

New Location ..
 Drill Deeper
 Abandonment.....

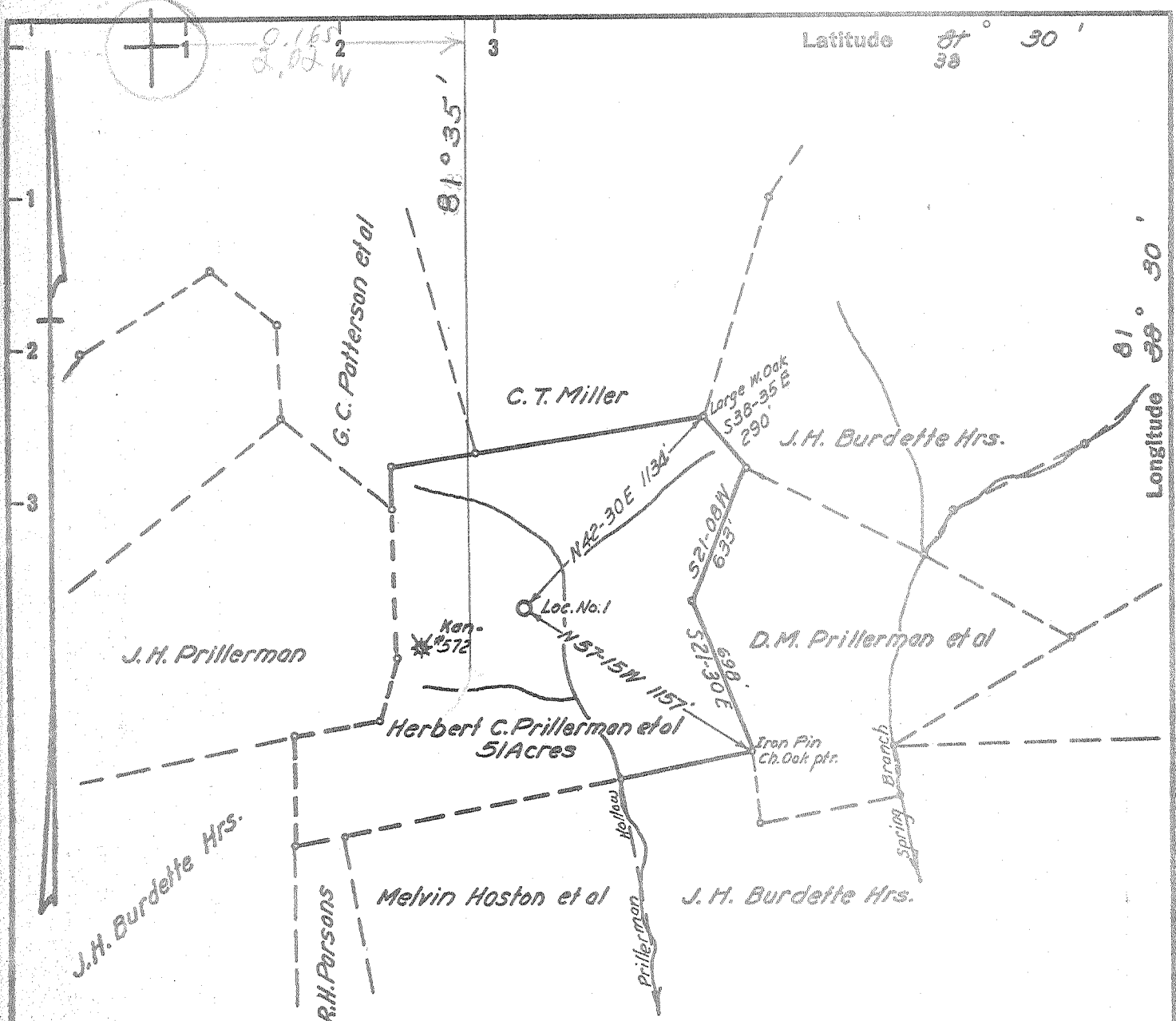
Company	Columbia Gas Trans. Corp.
Address	P.O. Box 1273, Charleston, W.V. 25325
Farm	HERBERT C. PRILLERMAN ETAL UNIT
Tract	Acres 51 Lease No.
Well (Farm) No.	1 Serial No. 5015
Elevation (Spirit Level)	889.2
Quadrangle	CHARLESTON
County	KANAWHA District POCA
Engineer	John H. Burnett
Engineer's Registration No.	1442
File No.	44-B Drawing No.
Date	DEC. 2, 1969 Scale 1"=660'

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

WELL LOCATION MAP
 FILE NO. KAN-2447P

+ 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.



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John H. Burnett

New Location
 Drill Deeper
 Abandonment

Company ASHLAND OIL & REFINING CO.
 Address ASHLAND, KENTUCKY
 Farm HERBERT C. PRILLERMAN ETAL UNIT
 Tract _____ Acres 51 Lease No. _____
 Well (Farm) No. 1 Serial No. 5015
 Elevation (Spirit Level) 889.2
 Quadrangle CHARLESTON NC
 County KANAWHA District POCA
 Engineer John H. Burnett
 Engineer's Registration No. 1442
 File No. 44-B Drawing No. _____
 Date DEC. 2, 1969 Scale 1"=660'

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

WELL LOCATION MAP
 FILE NO. KAN-2447

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Deep Well (Newburg)

RECEIVED

JUL 8 1970



OIL & GAS DIVISION DEPT. OF MINES STATE OF WEST VIRGINIA DEPARTMENT OF MINES OIL AND GAS WELLS DIVISION 2

Rotary
Spudder
Cable Tools
Storage

County Charleston
Permit No. KAN-2447

WELL RECORD

Oil or Gas Well (Gas)

Company Ashland Oil, Inc.
Address P. O. Box 391, Ashland, Ky. 41101
Owner Herbert C. Prillerman et al
Location Legg Fork of Tuppars Creek
Unit No. 1
County Kanawha
Drilling commenced Dec. 21, 1969
Drilling completed Jan. 6, 1970

Table with columns: Casing and Tubing, Used in Drilling, Left in Well, Packers. Includes rows for 16, 13, 10, 8 5/8, 5 1/2, 4 1/2, 3, 2 3/8 inch tubing.

WELL ACIDIZED (DETAILS)
WELL FRACTURED (DETAILS) See reverse side
RESULT AFTER TREATMENT (Initial open flow or bbls.)
ROCK PRESSURE AFTER TREATMENT
Fresh Water
Producing Sand Newburg

Attach copy of cementing record. 13 3/8 w/75 sx. circl.
CASING CEMENTED 8 5/8 w/500 sx. No. 12/30/69
Name of Service Co. Well Service, Dowell, Halliburton
COAL WAS ENCOUNTERED AT FEET INCHES

3,620 MCF GPD @ 3,600, etc

Main well log table with columns: Formation, Color, Hard or Soft, Top, Bottom, Oil, Gas or Water, Depth, Remarks. Lists formations like Shale, Sand, Little Lime, etc.

(over)

JUL 19 1970

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
5734' of 5 1/2" OD, W-80, 1 1/2", 8 Rd Thd, Long (250 bbl.) Gel, 300# Cotton seed hulls & 3 sx. 1/3/70 by Halliburton.				F&G @ 5753'	w/130 sx. Reg. Cem. w/50 sx. Floccle. Plug down 11:15 p.m.		
105.95' of 4" OD PE Linepipe (Welded) 3 1/2" ID as liner Float & Guide Shoe on bottom, cem. w/200 gal. by Dowell 5/19/70				5679-5785'	cemented w/Dowell (22 sks) Cealment (Latex)		
5749' of 2 3/8" OD (J-55), 4.6#, 10 Rd Thd, reject tbg seating nipple w/open ended collar on bottom, on hanger.				@ 5763'	w/Baker non-ported		
Initial Frac Job, 1/11/69 by Dowell: 500 gal. MCA, 1,000 gal. 28% HCl, 345 Bbl. jelled wtr, 13,818# 20/40 Sd, avg. Inj. rate 22.8 B/M, 6,000#, Final press. 6,000#, Immediate SI press went into sulfur zone above Newburg.					Avg. Press. 5,000#, Max. press 4300#, Sanded out. Frac		
Initial Squeeze Job 3/28/70 Ran Baker Cement retainer in hole on 2 3/8" tbg., set Dowell sqz. 3/29/70 w/5 sx. neat cement in 5 stages using Floc. Tracer survey indicated sqz. not completely successful.				@ 5721'			
2nd Squeeze Job -Dowell Sqm. 4/25/70 - Perf. w/5 .63" mono plane sqz. jets @ 5703, pressured up and had no Leak off. Perf. w/5 -.63" mono plane sqz. pits @ 5726. Ran Baker retrievable sqz. packer. Broke down both sets of perf. Staged 5 bbl. cement in 1/2 bbl. stages w/pressure dropping to 0#, last stage pumped @ 3500#, dropped to 2500#, packing in rams blew out when attempting to bring cem. out tbg. short route, left 1,000 cement in tbg. Well still made H ₂ S gas.							
3rd Squeeze Job -Dowell Sqm 4/29/70. Ran Baker retrievomatic on 2 3/8" tbg. to sqz. perf. @ 5703. Sqz. w/3 bbl. leaving csg., 2 bbl. to drill out. Sweet gas working through water. Sqz. job appeared succesful.							
Ran LineF& cem. by Dowell 5/20/70. Perf. Liner by McCullough							
2nd Frac: job wide frac by Dowell 5/22/70, 500 gal. MCA, 4,000 gal. Redi Frac Pad, 25,000 gal. YDF-4 Frac w/9,000# 10/20 sd., max. press. 5400#, avg. press. 5000#, Final pressure 5300#, Immediate SI press. 4400#, 15 min. SI 3700#, avg. Inj. rate 13.6 B/M							
Calculated Open Flow of 2.62 MMCF/D at Initial Rock Pressure of 876.1 psig after frac.							

Date June 30, 1970

APPROVED ASHLAND OIL, INC. Owner

By *W. B. Hinkle*
Division Manager (Title)

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

RECEIVED

NOV 1 - 1984

AFFIDAVIT OF PLUGGING AND FILLING WELL

OIL & GAS DIVISION

DEPT. OF MINES

AFFIDAVIT SHOULD BE MADE IN TRIPLICATE. ONE COPY MAILED TO THE DEPARTMENT. 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.

Not operated	Columbia Gas Transmission Corp.
COAL OPERATOR OR OWNER	NAME OF WELL OPERATOR
	P. O. Box 1273, Charleston, WV
	COMPLETE ADDRESS
Charles W. Lynch	10/23 19 84
COAL OPERATOR OR OWNER	WELL AND LOCATION
400 Fairview Dr. Charleston, WV	Poca District
25302	Kanawha County
Herbert C. Prillerman	
LEASE OR PROPERTY OWNER	Well No. 9788
ADDRESS	Herbert C. Prillerman Farm
STATE INSPECTOR SUPERVISING PLUGGING	Rodney Dillon

AFFIDAVIT

STATE OF WEST VIRGINIA,

County of Kanawha

SS:

Michael Friend

and

Larry Friend

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 _____, well operator, and participated in the work of plugging and filling the above well, that said work was commenced on the 26 day of September, 19 84, and that the well was plugged and filled in the following manner:

SAND OR ZONE RECORD	FILLING MATERIAL	PLUGS USED	CASING	
			CSG PULLED	CSG LEFT IN
FORMATION	Cement 5800'-5500'	SIZE & KIND		
Newburg	Gel 5500'-4715'			
5786-5768	Bridge Plug - 4715'	Baker 5 1/2"		
	Cement 4715'-4265'			
	Gel 4265-2060'			
	Bridge Plug - 2060'	Baker 8-5/8"		
		5 1/2" csg.	2150'	3585'
	Cement 2060'-1760'			
	Gel 1760'-1350'	8-5/8" csg.		1962'
	Cement 1350'-1200'	13-3/8" csg.		61'
	Gel 1200'-250'			
	Cement 250' - surface			
COAL SEAMS				
(NAME)		DESCRIPTION OF MONUMENT		
(NAME)		5 1/2" O.D. 36" Riser stating		
(NAME)		Col. Gas Well # 9788 P & A		
(NAME)		9-29-84.		
(NAME)				

and that the work of plugging and filling said well was completed on the 29 day of September, 19 84.

And further deponents saith not.

Sworn to and subscribed before me this 23 day of October, 1984.

My commission expires:

August 13, 1989

Michael Friend
Larry Friend
Notary Public.

Permit No. 47-039-2447-P