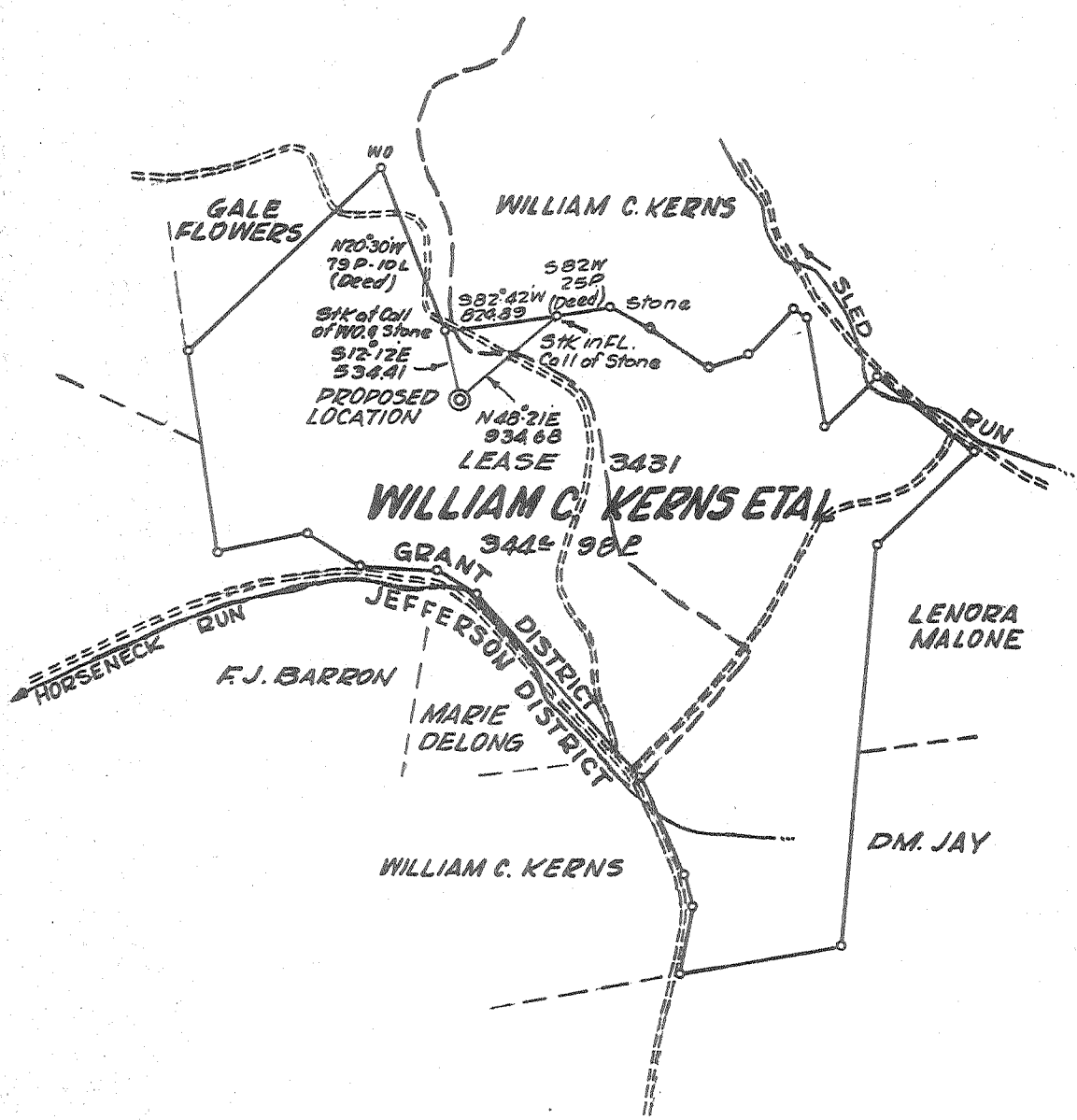


0.26-3
0.245
2.044
2.05-W

MAGNETIC NORTH DEC. 1970



CERTIFICATE

"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."
Minimum degree of accuracy is one part in 200

Signed *William S. Chubb* L.L.S. #116

- NEW LOCATION
- RECONDITION
- DRILL DEEPER
- ABANDONMENT

BK 107 Pg 57-62

COMPANY	COMMONWEALTH GAS CORPORATION		
ADDRESS	BOX 1433 CHARLESTON, W. VA		
FARM	WILLIAM C. KERNS ETAL		
MAP	OV. 37	ACRES	344 ± 98 ±
LEASE NO.	3431		
WELL (FARM) NO.	1	SERIAL NO.	815
ELEVATION (SPIRIT LEVEL)	1072.10		
QUADRANGLE	MARIETTA	SE.	
COUNTY	PLEASANTS	DISTRICT	GRANT
POINT OF PROVEN ELEVATION	USCG DATA - ROAD INTERSECTION NEAR THE HEAD OF CALF CREEK EL. 791		
FILE NO.	DRAWING NO.		
DATE	DEC. 16, 1970	SCALE	1" = 1320

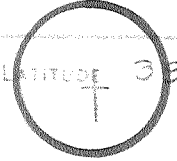
STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION
CHARLESTON
WELL LOCATION MAP
FILE NO. P1295-667

✦ DEMOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS SCALE 1 TO 62 500. LATITUDE AND LONGITUDE LINES BEING REPRESENTED BY BORDER LINES AS SHOWN.
-- DEMOTES ONE INCH SPACES ON BORDER LINE OF ORIGINAL TRACING.

3-0 WD Horseneck (75) Deep Test

12-18-70 CCM

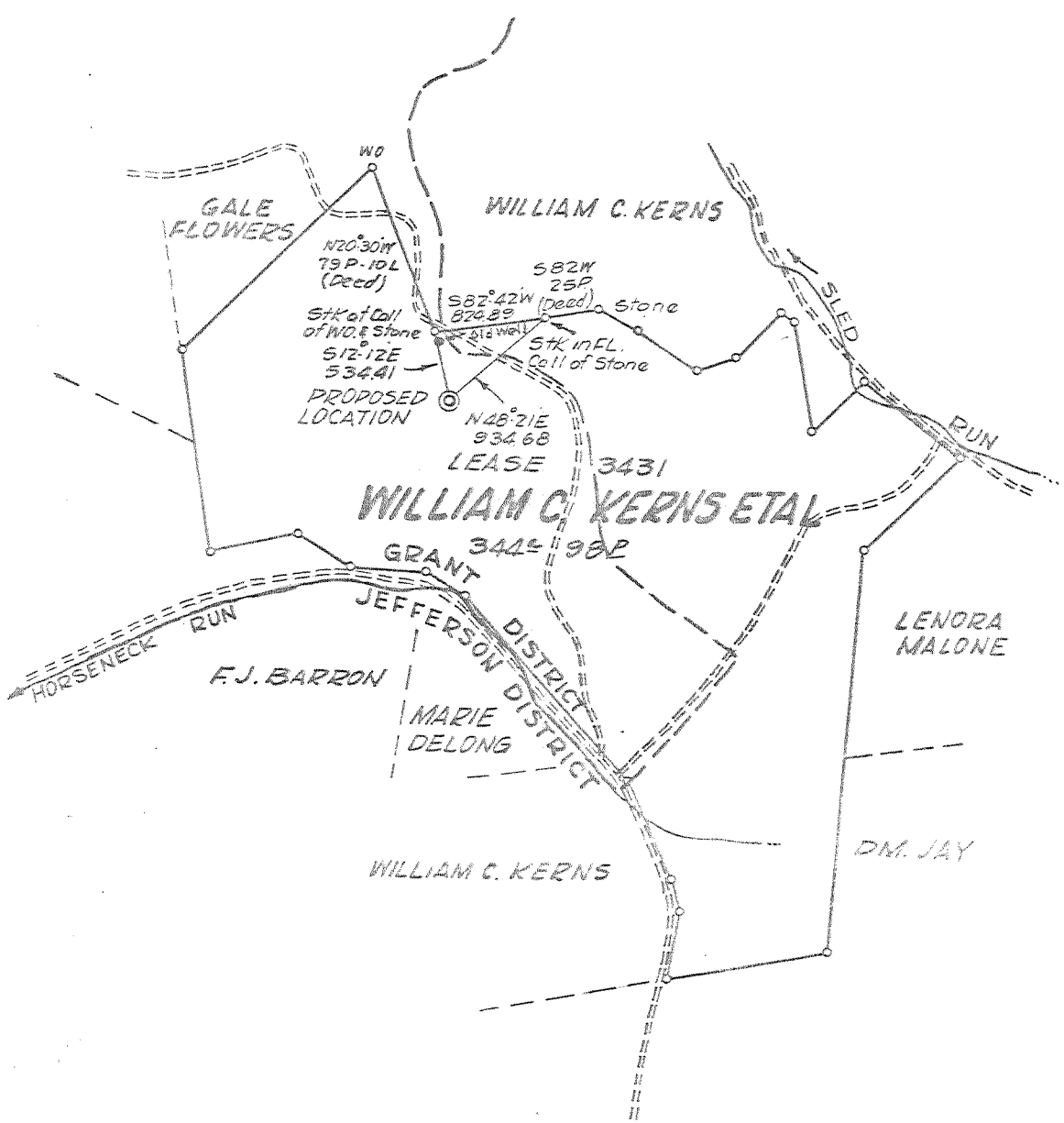
0.265
2.02 W



38 ° 20'

LONGITUDE 81 ° 15'

MAGNETIC NORTH DEC. 15 30



CERTIFICATE

"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."

Minimum degree of accuracy is one part in 200'

Signed *William S. Cruddy* L.L.S. #116

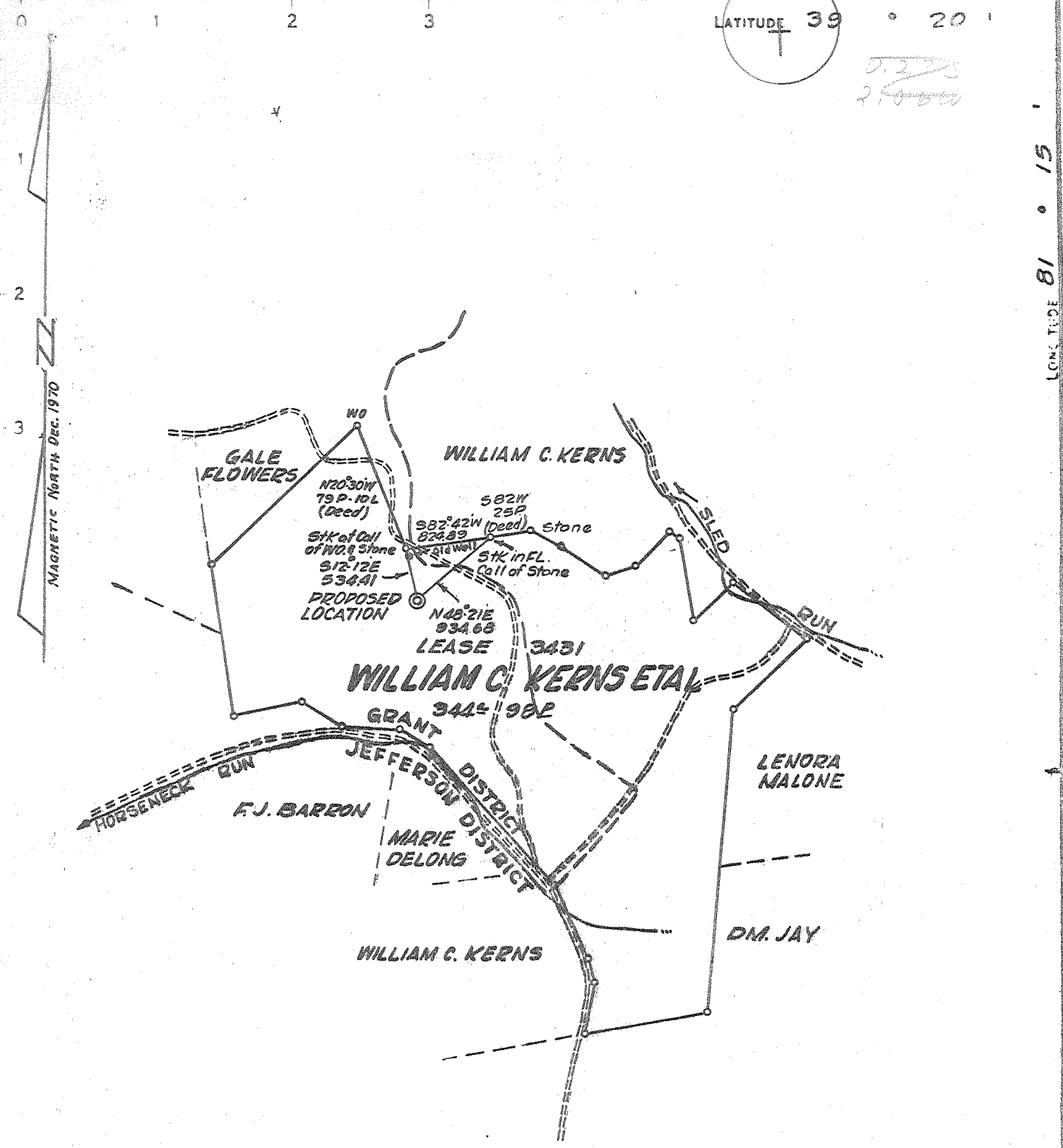
REVISION	
RECONDITION	
DRILL DEEPER	
ABANDONMENT	
ISSUED 9-3-71	
BK 107 Pg 37-62	
COMMONWEALTH GAS CORPORATION	
BOX 1433 CHARLESTON, W. VA	
WILLIAM C. KERNS ETAL	
04.37 ACRES	344-98P LEASE NO 3431
1	SERIAL NO 815
1072.10	
MARIETTA SE	
PLEASANTS DISTRICT	GRANT
USCG DATA ROAD INTERSECTION	
NEAR THE HEAD OF Calf CREEK EL. 791	
DRAWING NO	
1" = 1320'	

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION
CHARLESTON
WELL LOCATION MAP
FILE NO 11625-667-P
DEPOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS SCALE 1 TO 62 500 LATITUDE AND LONGITUDE LINES BEING REPRESENTED BY BORDER LINES AS SHOWN
THIS IS ONE OF SEVERAL COPIES OF THIS MAP BEING PREPARED FOR RECORDING

DEC. 15, 1970

DEEP WELL

LATITUDE 39 ° 20 '
 0.275
 2.100



CERTIFICATE

"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."

Minimum degree of accuracy is one part in 200

Signed *William S. Crumley* L.L.S. #116

- NEW LOCATION
- RECONDITION
- DRILL DEEPER
- ABANDONMENT

dated 9-3-71
EX 107 Pg 5762

COMPANY	COMMONWEALTH GAS CORPORATION		
ADDRESS	BOX 1433 CHARLESTON, W.VA		
FARM	WILLIAM C. KERNS ETAL		
MAP	0V-37	ACRES	344 ⁹ 98 ^P
WELL (FARM) NO.	1	SERIAL NO.	815
ELEVATION (SPIRIT LEVEL)	1072.10		
QUADRANGLE	MARIETTA S.E.		
COUNTY	PLEASANTS	DISTRICT	GRANT
POINT OF PROVEN ELEVATION	USCG DATA-ROAD INTERSECTION NEAR THE HEAD OF Calf CREEK EL. 791		
FILE NO.	DRAWING NO.		
DATE	DEC. 16, 1970	SCALE	1" = 1320

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION
CHARLESTON
WELL LOCATION MAP
FILE NO. *Pleas-667-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

3-0 Horseneck 75

Deep Well (Newberg test) SEP 12 1971

LONGITUDE 81 ° 15'



RECEIVED

SEP 15 1971

STATE OF WEST VIRGINIA DEPARTMENT OF MINES OIL AND GAS DIVISION

Rotary [X] Spudder [] Cable Tools [] Storage [] Oil or Gas Well []

adrangle Marietta Permit No. Pleas-667

WELL RECORD

Company Commonwealth Gas Corporation Address P.O. Box 1433, Charleston, W.Va. 25325 Operator William C. Kerns Acres 344 Location (waters) Horse Neck Run Well No. #1 Elev. 1086 KB District Grant County Pleasants

Table with columns: Casing and Tubing, Used in Drilling, Left in Well, Packers. Includes data for 16, 13, 10, 9-5/8, 6 5/8, 5 3/16, 3, 2 inch casings.

CASING CEMENTED SIZE No. Ft. COAL WAS ENCOUNTERED AT FEET INCHES WELL ACIDIZED April 6, 1971 500 Gal. HC 1 at depth 5096-5285

Main stratigraphic log table with columns: Formation, Color, Hard or Soft, Top, Bottom, Oil, Gas or Water, Depth, Remarks. Lists formations like Onondaga Limestone, Briskany Sandstone, etc.

Cementing Record: 13" - 200 Sks. 9-5/8" - 450 Sks. 6-5/8" - 175 Sks. Taken over by Quaker State testing perf. zone 4447-84

(over) Deep Test SEP 28 1971



RECEIVED

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

SEP 3 1971 Rotary
Spudder
Cable Tools
Storage

Quadrangle Marietta

WELL RECORD

Oil or Gas Well Dry
(KIND)

Permit No. Pleas-667

Company Commonwealth Gas Corporation
Address P.O. Box 1433, Charleston, W.Va. 25325
Farm William C. Kerns Acres 344
Location (waters) Horse Neck Run
Well No. #1 Elev. 1086 KB
District Grant County Pleasants
The surface of tract is owned in fee by William C. Kerns
Gore Hotel, ~~xxxxxx~~ Clarksburg, W.Va.
Mineral rights are owned by Same
Address Same

Drilling commenced 12/31/70
Drilling completed 2/22/71

Date Shot _____ From _____ To _____
With _____

Open Flow _____ /10ths Water in _____ Inch
_____ /10ths Merc. in _____ Inch

Volume 112,000 Cu. Ft.

Rock Pressure 1825 lbs. 72 hrs.

Oil None bbls., 1st 24 hrs.

WELL ACIDIZED April 6, 1971
2500 Gal. HC 1 at depth 5096-5285

WELL FRACTURED July 2, 1971 950 bbl. H₂O, 10,000 lb. sand at 4764-4902
July 2, 1971 987 bbl. H₂O, 15,000 lb. sand at 4447-4584

RESULT AFTER TREATMENT 112 MCF A.A. 60 MCF and water after frac

ROCK PRESSURE AFTER TREATMENT 50 lb. 24 Hrs.

Fresh Water _____ Feet _____ Salt Water _____ Feet 4200

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13	<u>200'</u>		
10			Size of
<u>9-5/8"</u>	<u>1843'</u>		
6 3/4	<u>5092.85</u>		Depth set
5 3/16			
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED _____ SIZE _____ No. Ft. _____ Date _____

COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES
_____ FEET _____ INCHES
_____ FEET _____ INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Shale & sand			0	850			
Lime			850	860			
Injun Sand			860	924			
Shale & sand			924	1250			
Sunbury Shale			1250	1269			
Berea Horizon			1269	1271			
Shale & sand			1271	3900			
Shale			3900	4437	Water	4200	
Dnondaga Lime & Chert-Grey			4437	4604	Gas	4437-4593	
Driskany Sandstone-Grey			4604	4663			
Lime & chert-Grey			4663	4873	Gas	4683-4995	
Lime	Grey		4873	4948			
Dolomite	Brown		4948	4998			
Sandstone	Grey		4998	5039			
Dolomite & Anhydrite-Brown			5039	5570	Gas	5052-5232	Slight Show 112 MCF
Dnondaga Lime & Chert			5570	5780	Gas	5728-5774	
Driskany Sandstone-Grey			5780	5860			
Lime & chert-Grey			5860	6030			
Lime	Grey		6030	6060			
Dolomite	Brown		6060	6100			
Sandy Dolomite-Brown & sand			6100	6180			
Dolomite & Anhydrite-Brown			6180	6725			
Dolomite & Shale-Brown			6725	6760			
Dolomite, Shale & Sand-Dark			6760	6800			
Dolomite Shale-Dark <u>McKenzie</u>			6800	6862			

Cementing Record: 13" - 200 Sk.
9-5/8" - 450 Sk.
6-5/8" - 175 Sk.

(over)

SEP 12 1971



RECEIVED

SEP 15 1971

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

- Rotary
- Spudder
- Cable Tools
- Storage

5. HOLD

5. HOLD

Quadrangle Marietta

Permit No. Pleas-667

WELL RECORD

Oil or Gas Well

Dry

(KIND)

Company Commonwealth Gas Corporation
 Address P.O. Box 1433, Charleston, W.Va. 25325
 Farm William C. Kerns Acres 344
 Location (waters) Horse Neck Run
 Well No. #1 Elev. 1086 KB
 District Grant County Pleasants
 The surface of tract is owned in fee by William C. Kerns
Gore Hotel, ~~Address~~ Clarksburg, W.Va.
 Mineral rights are owned by Same
 Address Same

Drilling commenced 12/31/70
 Drilling completed 2/22/71

Date Shot _____ From _____ To _____
 With _____

Open Flow /10ths Water in _____ Inch
/10ths Merc. in _____ Inch

Volume 112,000 Cu. Ft.

Rock Pressure 1825 lbs. 72 hrs.

Oil None bbls., 1st 24 hrs.

WELL ACIDIZED April 6, 1971
2500 Gal. HC 1 at depth 5096-5285

WELL FRACTURED July 2, 1971 950 bbl. H₂O, 10,000 lb. sand at 4764-4902
July 2, 1971 987 bbl. H₂O, 15,000 lb. sand at 4447-4584

RESULT AFTER TREATMENT 112 MCF A.A. 60 MCF and water after frac

ROCK PRESSURE AFTER TREATMENT 50 lb. 24 Hrs.

Fresh Water _____ Feet _____ Salt Water _____ Feet 4200

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13	200'	200'	
10			Size of
8 1/2 9-5/8"	1843'	1593'	
6 3/4	5092.85	1192.85	Depth set
5 3/16			
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED _____ SIZE _____ No. Ft. _____ Date _____

COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES
 _____ FEET _____ INCHES _____ FEET _____ INCHES
 _____ FEET _____ INCHES _____ FEET _____ INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Shale & sand			0	850			
Lime			850	860			
Injun Sand			860	924			
Shale & sand			924	1250			
Sunbury Shale			1250	1269			
Berea Horizon			1269	1271			
Shale & sand			1271	3900			
Shale			3900	4437	Water	4200	
Onondaga Lime & Chert-Grey			4437	4604	Gas	4437-4593	
Oriskany Sandstone-Grey			4604	4663			
Lime & chert-Grey			4663	4873	Gas	4683-4995	
Lime	Grey		4873	4948			
Dolomite	Brown		4948	4998			
Sandstone	Grey		4998	5039			
Dolomite & Anhydrite-Brown			5039	5570	Gas	5052-5232	Slight Show 112 MCF
Onondaga Lime & Chert			5570	5780	Gas	5728-5774	
Oriskany Sandstone-Grey			5780	5860			
Lime & chert-Grey			5860	6030			
Lime	Grey		6030	6060			
Dolomite	Brown		6060	6100			
Sandy Dolomite-Brown & sand			6100	6180			
Dolomite & Anhydrite-Brown			6180	6725			
Dolomite & Shale-Brown			6725	6760			
Dolomite, Shale & Sand-Dark			6760	6800			
Dolomite Shale-Dark			6800	6862			

Cementing Record: 13" - 200 Sk.
9-5/8" - 450 Sk.
6-5/8" - 175 Sk.