

39 37 30

Latitude

+ 6,600's  
2453W

80 07

Longitude

attached plat & well record for 597A but spots  
3902(388) right next to it.

Topo Location

7.5' Loc. \_\_\_\_\_ 15' Loc. \_\_\_\_\_  
(calc.) \_\_\_\_\_

Company Dominion

Farm J Musgrave

CO # 3902

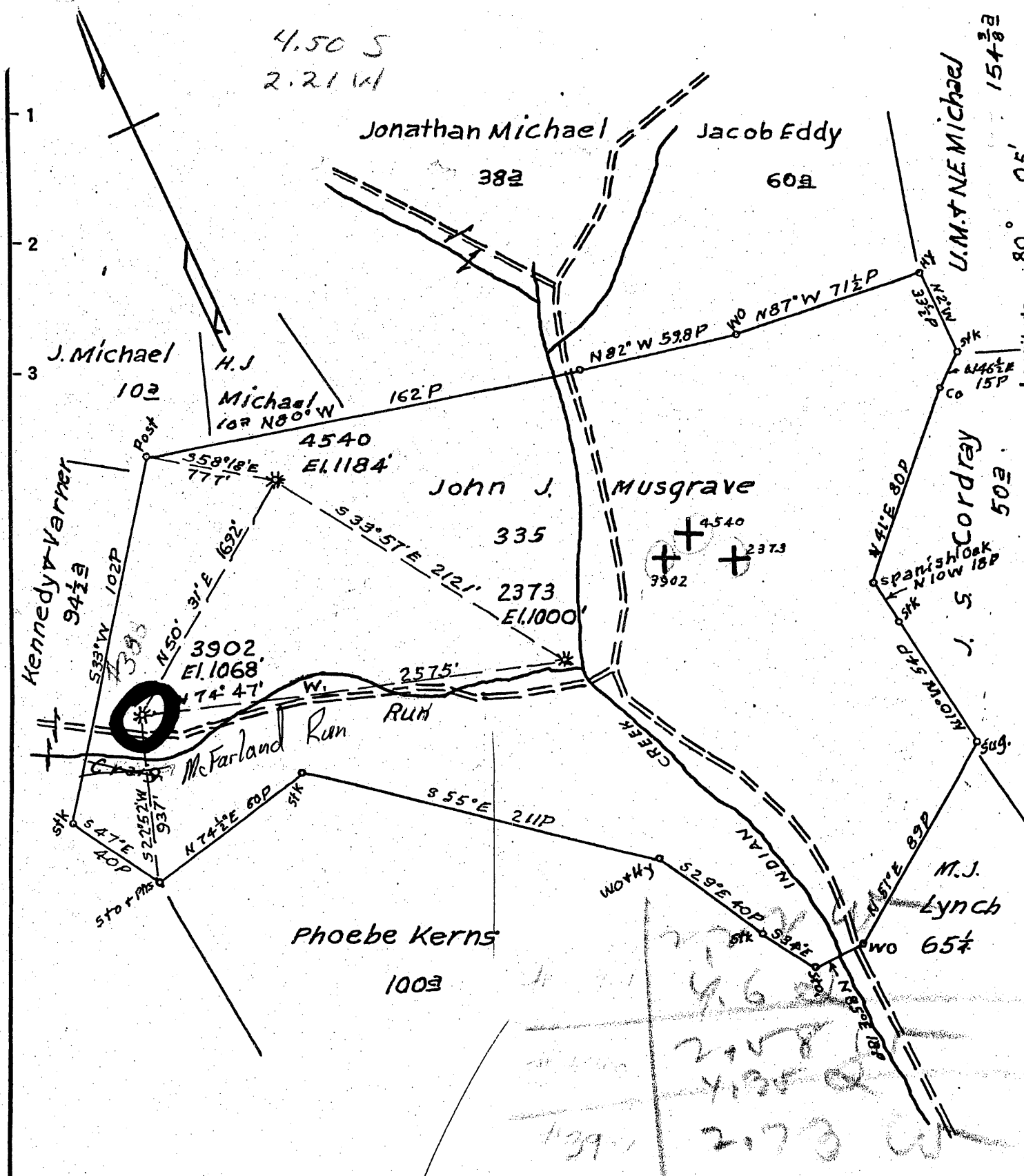
15' Quad \_\_\_\_\_  
(sec.)

7.5' Quad Grantaw n

District Clay

WELL LOCATION PLAT

County 61 Permit 388



4.50 S  
2.21 W

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

APR. 13 1956

Map Sh 16 N 11 E 27 F. B. 518 P. 9.

Company	Hope Natural Gas Co
Address	Clarksburg, W. Va.
Farm	John J. Musgrave
Tract	Acres 335 Lease No. 20638
Well (Farm) No.	Serial No. As Shown
Elevation (Spirit Level)	As Shown
Quadrangle	Blacksville
County	Monongalia District Grant
Engineer	W. M. Bowers
Engineer's Registration No.	900
File No.	Drawing No.
Date	MARCH 9, 1956 Scale 1" = 50 P

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

WELL LOCATION MAP  
FILE NO. MON-597A# 2373

+ 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.

JOHN J. MUSGRAVE No. 2373 - HOPE N.G. Co. - MON-597-

HOPE NATURAL GAS CO.

LOCATION FOR WELL No. 3902

DISTRICT

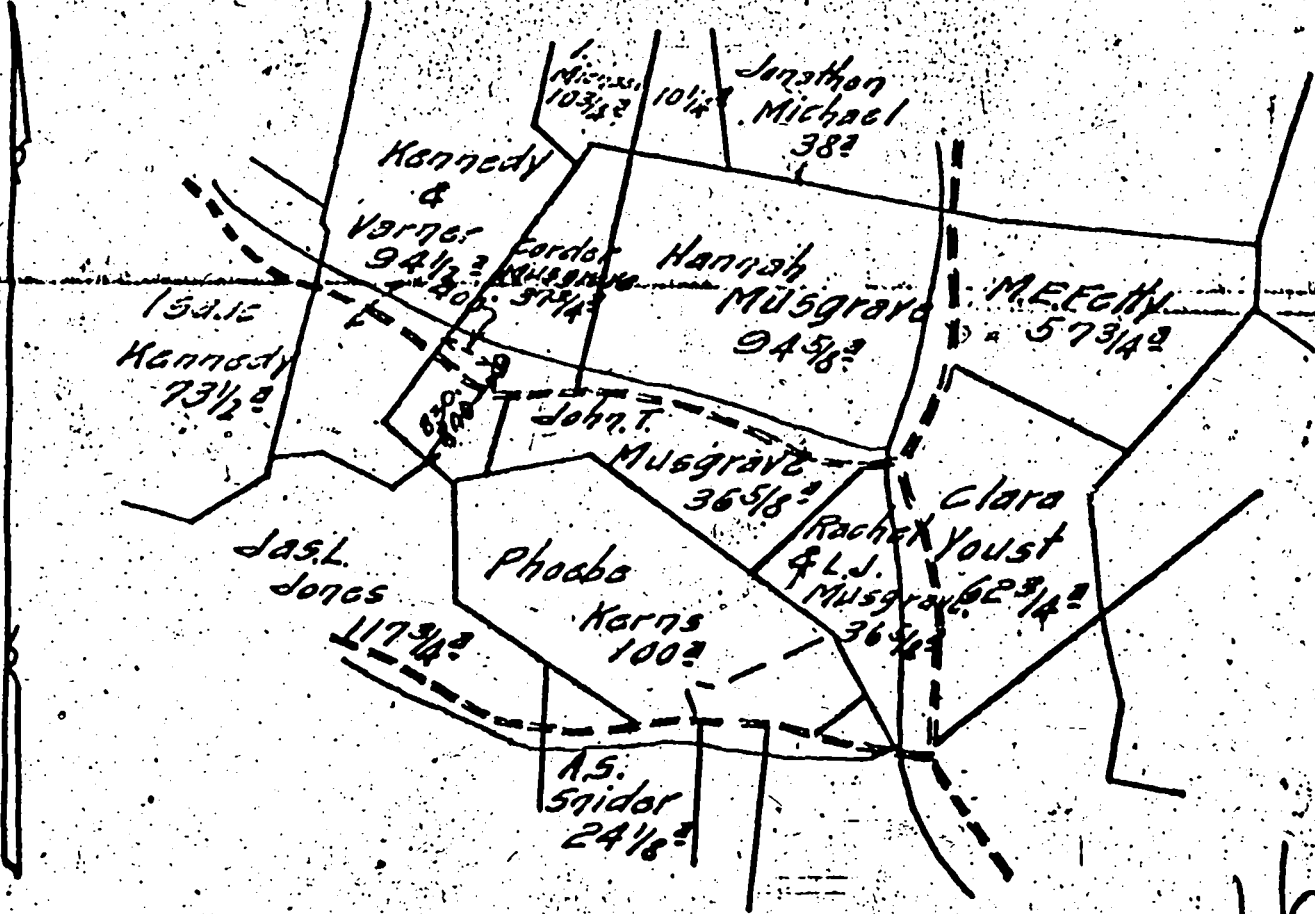
On *John D. ...* on waters of *Antonia ...* County, West Virginia.

Lease No. *20438* Acres *335* N. *16* S. *27* W.

Scale, one inch equals *30 rods* Sent to Clarksburg Office *July 27 1910*

Location to be *400 feet from Kennedy & Varner farm and 800 feet from Jones & Musgrave corner.*

*N. Musgrave  
Haystack W Va.  
"Star Route"*



*16*

TITLE *Two hundred feet around the buildings*

RESERVE *Antonia ... Co. Co. Corner 10' casing*

SPECIAL INSTRUCTIONS: COMPLETE WELL ON OR BEFORE *well # 1302 also on same lease*

Location made *7-27-15* by *John Massey* As per plat, except as noted. On field map *8-2-15* Returned to Pittsburgh *8-2-15*

Location changed on account of *Apple tree*

Authorized by *J. Blair* Date *7-31-15* Signed *M. Bradley*

Record of Hope Natural Gas Company Company  
 Well No. 3902 District Fairview  
 Located on John J. Musgrave Farm  
 District Grant County Monongalia State W. Va.

**OK**  
**EARL W.**  
**107**  
**270**  
**16**

Location Made 7/27/1915 First Work Done 8/5/1915  
 Rig Commenced 8/11/1915 Rig Completed 8/18/1915  
 Drilling Commenced 8/22/1915 Drilling Completed 10/22/1915  
 Rig Contractor Hope Rig Building Dept. Drilling Contractor Hope Drilling Dept.  
 Drillers R. K. Mohr and J. A. Smith  
 Tool Bits etc. C. E. Lealie and Frank W. Lemley

FORMATION	TOP	BOTTOM	Steel Line Measurements	Water Faced Depth	Oil Faced Depth	Gas Faced Depth	REMARKS
Coal	None			100			Mapletown Coal 278 to 280
Murphy Sand	360	365	360				Murphy Sand 495 To 535
Dunkard	720	755	720				
Dunkard	840	880	840				
Sand	1105	1130	1105				
Sand	1180	1255	1180				
Sand	1285	1432	1285	1335			3 Bailers per hour
None	None						
1 1/2" Line	1610	1624	1610				
Well Case	1624	1630					
Line	1630	1710	1630				
Line	1710	1851	1710			1808	70/10 Water thru 2" opening
Line	1873	1883	1873				
Line	1920	1965	1920				
Line	2141	2163	2145				
Line	2300	2330	2290				Sand 2225 to 2280
Line	2360	2425	2300				
Line	2502	2512	2502				
Line	2514	2524	2514				
Line	2632	2647	2632				
Line	2736	2794	2736			2737	19/10 W. thru 2" opening
Line						2760	40/10 W. " 2" "
Line						2790	6/10 W. " 5-3/16" opening
Total Depth		2825	2825				

SIZE	Charged to Well		Put in Well		Pulled Out		Left in Well		Transferred Before Completing		Left at Well Not in Use		REMARKS
	Feet	In.	Feet	In.	Feet	In.	Feet	In.	Feet	In.	Feet	In.	
13" Csg	473	-	428	8			429	8	17	3		11	Cemented
10" "	1593	3	1428	6			1425	6	65	7		2	P-1/4" casing not
8 1/2" "	1780	3	1694	-			1694	-	42	11		4	pulled a/c gas in 6-5/8" casing.
6 1/2" "	2910	3	2519	4			2519	4	390	11			
4 1/2" Tbg	4117	-							525	4	3591	8	

**PACKER RECORD**

SIZE	KIND	Amount Ancher	Amount Above Ancher	REMARKS
4 x 15	C. J. Flange	---	425	Steel Line
6-1/4	Steel Shoe	---	1417	" "
1 x 6 3/8	B. H. Packer	---	1681	" "
2 x 5 3/8	B. H. "	---	2507	" "

**SHOOTING RECORD (If shot before or upon completion of well)**

DATE	Gauge	Top of Shot	Bottom of Shot	Diameter	Shot	Test Before Shot			Test After Shot			Test Taken After Shot No. Hours	By Whom Shot
						Reading	Liquid	Opening	Reading	Liquid	Opening		
10/29/15	15	2756	2767	5-1/2	5th.	8/10	W	5-1/8	8/10	W	5-1/8	24	Marietta Torpedo Co.

**CEMENTING RECORD**

Date Cemented 9/4/1915 Slac Hole Cemented 18" Slac Casing Cemented 10"  
 Top Pittsburg Coal 360 Top Cementing 280 Amount Cement Used 4,200 LBS.  
 Bottom Pittsburg Coal 365 Bottom Cementing 425 Amount Sand Used 8,400 "  
 Mr. R. L. Fawcett of Consolidation Coal Company on ground when coal was cemented.  
 Remarks: W. L. York, Ray Michael, P. E. Neely Signature of persons who cemented well  
and John Michael. Steel Line Measurements of Casing.  
10" 8-1/4" 6-5/8" 5-3/16"  
425 1417-8 1681 2507

Approved by 1015 CAP 1061 0384 Foreman

RECEIVED

FEB 2 1979

FERC-121 - 299b -

DIVISION OF MINES

1.0 API well number (If not available, leave blank 14 digits)	47-061-0388-			
2.0 Type of determination being sought (Use the codes found on the front of this form.)	108 Section of NGPA		Category Code	
3.0 Depth of the deepest completion location (Only needed if sections 103 or 107 in 2.0 above.)	_____ feet			
4.0 Name, address and code number of applicant (35 letters per line maximum. If code number not available, leave blank.)	Consolidated Gas Supply Corporation Name 445 West Main Street Street Clarksburg W. Va. 26301 City State Zip Code		004228 Seller Code	
5.0 Location of this well (Complete (a) or (b)!) (a) For onshore wells (35 letters maximum for field name.)	West Virginia Other A-85772 Field Name Monongalia W. Va. County State			
(b) For OCS wells	Area Name _____ Block Number _____ Date of Lease Mo. Day Yr. _____ OCS Lease Number _____			
(c) Name and identification number of this well (35 letters and digits maximum.)	J. Musgrave - 3902			
(d) If code 4 or 5 in 2.0 above name of the reservation (35 letters maximum.)	_____			
6.0 (a) Name and code number of the purchaser (35 letters and digits maximum. If code number not available, leave blank.)	General System Purchasers Name		Buyer Code	
(b) Date of the contract	Mo. Day Yr. _____			
(c) Estimated annual production	10 MMcf.			
7.0 Contract price (As of filing date. Complete to 3 decimal places.)	(a) Base Price (\$/MMBTU)	(b) Tax	(c) All Other Prices (Indicate (+) or (-).)	(d) Total (a), (b) and (c)
8.0 Maximum lawful rate (As of filing date. Complete to 3 decimal places.)	2.224			
9.0 Person responsible for this application:	J. W. Hendrickson V.P. Gas Supply Name Title <i>J. W. Hendrickson</i> Signature DEC 31 1978 Date Application is Completed 304-623-3611 Phone Number			
Agency Use Only	Date Received by J.W. Agency FEB 27 1979 Date Received by FERC			

PARTICIPANTS:

DATE: FEB 22 1980

BUYER-SELLER CODE

WELL OPERATOR: Consolidated Gas Supply Corp.

004228

FIRST PURCHASER: General System Purchasers

N/A

OTHER:

Qualified as Section 108, plugged well  
[Signature]

W. Va. Department of Mines, Oil & Gas Division  
 WELL DETERMINATION FILE NUMBER  
790228-108-061-0388  
 Use Above File Number on all Communications  
 Relating to Determination of this Well

CHECK EACH ITEM AS COMPLETE OR NOTE WHAT IS MISSING

ITEM NO.

- 1 FERC-121  Items not completed - Line No. \_\_\_\_\_
- 2 IV-1 - Agent J. W. Hendrickson
- 3 IV-2 - Well Permit \_\_\_\_\_
- 4 IV-6 - Well Plat
- 5 IV-35 - Well Record:  Drilling  Deepening \_\_\_\_\_
- 6 IV-36 - Gas-Oil Test: Gas Only  Was Oil Produced? \_\_\_\_\_ Ratio \_\_\_\_\_
- 7 IV-39 - Annual Production 2 years - 1 mos.
- 8 IV-40 - 90 day Production 90 annual Days off Line: \_\_\_\_\_
- 9 IV-48 - Application for Certification. Complete?
- 10 - 17 IV Form #51 - 52 - 53 - 54 - 55 - 56 - 57 - 58. Complete  Affidavit Signed
- 18 - 28 Other: Survey \_\_\_\_\_ Logs \_\_\_\_\_ Geological Charts \_\_\_\_\_ Structure Map \_\_\_\_\_  
 1:4000 Map \_\_\_\_\_ Well Tabulations \_\_\_\_\_ Gas Analyses \_\_\_\_\_
- (5) Date commenced: 8-22-15  
 Date Completed: 11-22-15 Deepened \_\_\_\_\_
- (5) Production Depth: 1710-1851; 2736-2794
- (5) Production Formation: B. Inyan; Fifth
- (5) Final open flow \_\_\_\_\_  
 Initial Production: N/A
- (5) Static R.P. N/A
- (6) Other Gas Test: ~~\_\_\_\_\_~~
- (8) Avg. Daily Gas from Annual Production:  $9229/365 = 25$  MCF
- (8) Avg. Daily Gas from 90-day endit. w/1-120 days  $2494/90 = 28$  MCF
- (8) Line Pressure: N/A PSIG from Daily Report \_\_\_\_\_
- (5) Oil Production: No From Completion Report \_\_\_\_\_
- (10-17) Does lease inventory indicate enhanced recovery being done: No
- (10-17) Is affidavit signed?  Notarized?
- Does official well record with the Department confirm the submitted information? No
- Additional Information \_\_\_\_\_ Does computer program confirm? \_\_\_\_\_
- Was Determination Objected to? \_\_\_\_\_ By Whom? \_\_\_\_\_

SML

Date 12/31 1978

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

Operator's Well No. 3902

API Well No. 47 - 061 - 0388  
State County Permit

WELL CLASSIFICATION FORM

STRIPPER GAS WELL

NGPA Section 108

DESIGNATED AGENT J. W. Hendrickson

ADDRESS 445 West Main Street

Clarksburg, West Virginia 26301

WELL OPERATOR Cons. Gas Supply Corp. LOCATION: Elevation \_\_\_\_\_

ADDRESS 445 West Main Street Watershed Indian Creek

Clarksburg, W. Va. Dist. Grant County Mason/Gale Quad \_\_\_\_\_

GAS PURCHASER None; gas is de- Gas Purchase Contract No. N/A

ADDRESS livered into applicant's Meter Chart Code N/A

interstate pipeline system Date of Contract N/A

\* \* \* \* \*

Provide a complete inventory of the lease and production equipment used for the well for the previous 24 months or, if less than 24 months, the period the well has been in production. Include a complete list of equipment or processes used in connection with recognized enhanced recovery techniques during completion or production. (Attach separate sheets, if necessary.)

See attachment; compression, dehydration, or related equipment indicated on the attached inventory, and hydraulic fracturing, shooting, or similar completion processes indicated on the attached well records, are used in connection with recognized enhanced recovery techniques during production or completion.

List all records reasonably available to you which contain information relevant to a determination of eligibility (including production records, B&O Tax Records and royalty payment records) and indicate the location of such records:

Applicant's oil and gas production records (which are largely computerized) constitute its primary and most reliable source of information relevant to a determination of eligibility. From these records Applicant derives information used by it in connection with royalty payments, tax payments, and general statistical uses, and records of these matters are also maintained. All of the above records are located at Applicant's offices at 445 West Main Street, Clarksburg, West Virginia.

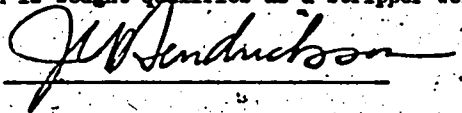
Describe the search made of any records listed above.

As indicated, Applicant's primary oil and gas production records have been largely computerized. In preparing this application, Applicant, by use of its computers, generated a listing of those of its wells which produced non-associated natural gas at a rate not exceeding an average of 60 Mcf per production day (at maximum efficient rates of flow) during the 90 day production period indicated on the attachment. These listings were checked and verified manually by two or more Applicant's employees. The results of this diligent search and examination indicated that the well which is the subject of this application qualifies as a stripper well; see attached data submitted in compliance with applicable regulations of this agency and the Federal Energy Regulatory Commission.

Are you aware of any other information which would tend to be inconsistent with the information specified above? Yes      No X. If yes, indicate the type and source of the information.

AFFIDAVIT

I, J. W. Hendrickson, having been first sworn according to law, state that I have caused to be made a diligent search of those records hereinbefore indicated in the manner herein described, that the information contained in this document is true and accurate and that on the basis of the records and examinations hereinbefore described, and to the best of my information, knowledge and belief, the well for which this certification is sought qualifies as a stripper well.



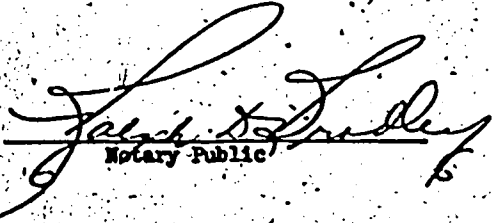
STATE OF WEST VIRGINIA,

COUNTY OF HARRISON, TO WIT:

I, Ralph D. Bradley, a Notary Public in and for the state and county aforesaid, do certify that J.W. Hendrickson, whose name is signed to the writing above, bearing date the      day of DEC 31 1978, 19    , has acknowledged the same before me, in my county aforesaid.

Given under my hand and official seal this 5 day of Feb, 1979.

My term of office expires on the 13th day of September, 1986.

  
Notary Public

(NOTORIAL SEAL)



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

DESIGNATION OF AGENT BY WELL OWNER OR OPERATOR

Well Operator X / Owner X / Consolidated Gas Supply Corporation

Address 445 West Main Street  
Clarksburg, West Virginia 26301

Pursuant to the provisions of Code § 22-4-1k, and subject to the requirements of Regulation 7.01, the undersigned hereby designates the following person to be the agent of the undersigned for the purpose of receiving process, notices, orders and other communications which may be issued under Chapter 22 of the Code of West Virginia:

Designated Agent J. W. Hendrickson  
Address 445 West Main Street  
Clarksburg, West Virginia 26301  
Telephone 304-623-3611

The undersigned represents that said designated agent is a bona fide resident of the State of West Virginia, and has agreed to accept the designation. This designation applies to the following wells:

- all wells owned or operated by the undersigned in West Virginia
- the wells listed below (Use space below or reverse side or attach list)

[COMPLETE AS APPLICABLE]

The undersigned is hereby recording an existing designation of agent made prior to the initial adoption of Form IV-1.

The undersigned is proposing to own or operate wells in West Virginia for the first time, so that this designation should also be considered the registration by the undersigned with the Deputy Director.

The undersigned has owned and operated a well or wells in West Virginia since the year 1898, but has not heretofore appointed a designated agent.

This designation substitutes a new designated agent for the undersigned, who has owned or operated a well or wells in West Virginia since the year 19\_\_\_. The present designated agent of the undersigned, who will continue as such, if he is able, until this new designation has been approved, is--

Agent being replaced \_\_\_\_\_  
Address \_\_\_\_\_

Consolidated Gas Supply Corp.  
Well Owner or Operator

By: J. W. Hendrickson  
Its: Vice President, Appl. Gas Supply

ACCEPTED this January 17, 19 79

J. W. Hendrickson  
(Signature of designated agent)

Taken, subscribed and sworn to before me this 17th day of January, 19 79  
Notary Public [Signature] My commission expires September 13, 19 86

CONSOLIDATED GAS SUPPLY CORPORATION—SOUTHERN REGION

WELL NUMBER 3902  
 COMPANY FORMATION CODE 0  
 DISTRICT MANINGTN  
 COUNTY 61  
 METER NUMBER 999999999  
 ROCK PRESSURE 52 IN. 0/66  
 PERMIT NUMBER 388

DATE COMPLETED 10/22/1915  
 DATE INTO LINE 0/0/15  
 SPUO DATE 0/0/0

ORIG OPEN FLOW 233 MCF  
 ORIG ROCK PRES 180 PSI  
 PCT INTEREST 100.0000  
 TOWNSHIP 5  
 PRE 10/07/69 LEASE  
 LAST LINE PRESSURE 16

GROSS MONTHLY PRODUCTION IN MCF

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
1976 PROD	0	0	0	0	0	0	0	0	0	0	828	800	1628
DAILY AVG	0	0	0	0	0	0	0	0	0	0	27	25	26
SPEC. GRAV.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	71.530	71.531	
1977 PROD	884	801	902	921	980	876	887	877	999	874	871	890	10762
DAILY AVG	28	28	29	30	31	29	28	28	33	28	29	28	29
SPEC. GRAV.	71.531	71.528	71.531	71.530	71.529	71.530	71.531	71.531	71.530	71.531	71.529	71.531	
1978 PROD	859	759	905	876	763	837	868	868	756	880	858	0	9229
DAILY AVG	27	27	29	29	24	27	28	28	25	28	28	0	27
SPEC. GRAV.	71.531	71.528	71.531	71.530	71.531	71.530	71.531	71.531	71.530	71.531	71.530	0.0	

861-0301