



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES

RECEIVED

JUL 27 1972 - CEN

OIL & GAS DIVISION  
DEPT. OF MINES

Oil and Gas Division  
OIL AND GAS WELL PERMIT APPLICATION

TO THE DEPARTMENT OF MINES,  
Charleston, W. Va.

DATE July 21, 1972

Surface Owner Olive Nutter

Company Resource Exploration, Inc.

Address Grantsville, W. VA. 26147

Address Suite 400-1600 Fairfield Ave., Shreveport, LA 71101

Mineral Owner Glen W. Roberts

Farm Olive Nutter Acres 20 of 108

Address Washington St. Elizabeth, W.VA 26143

Location (waters) Island Run of Little Kanawha

Coal Owner NONE

Well No. Pursley #1-C Elevation 986

Address \_\_\_\_\_

District Spring Creek County Wirt

Coal Operator NONE

Quadrangle Spencer

Address \_\_\_\_\_

THIS PERMIT MUST BE POSTED AT THE WELL SITE

All provisions being in accordance with Chapter 22, of the W. Va. Code, the location is hereby approved for drilling. This permit shall expire if operations have not commenced by 12-1-72.

Deputy Director - Oil & Gas Division

INSPECTOR TO BE NOTIFIED Fred Burdette  
Sissonville, W. Va. PH: 984-9263

GENTLEMEN:

The undersigned well operator is entitled to drill upon the above named farm or tract of land for oil and gas, having fee title thereto, (or as the case may be) under grant or lease dated July 5 19 64 by Glen W. Roberts et ux made to Glen W. Roberts and recorded on the 1 st day of March 19 65, in Wirt County, Book 126 Page 501

NEW WELL  DRILL DEEPER  REDRILL  FRACTURE OR STIMULATE  
OIL AND GAS WELL ORIGINALLY DRILLED BEFORE JUNE 5, 1969.

The enclosed plat was prepared by a registered engineer or licensed land surveyor and all coal owners and/or operators have been notified as of the above date.

The above named coal owners and/or operator are hereby notified that any objection they wish to make, or are required to make by Section 3 of the Code, must be received by, or filed with the Department of Mines within ten (10) days. \*

Copies of this notice and the enclosed plat were mailed by registered mail, or delivered to the above named coal operators or coal owners at their above shown respective address \_\_\_\_\_ day \_\_\_\_\_ before, or on the same day with the mailing or delivery of this copy to the Department of Mines at Charleston, West Virginia.

Very truly yours, Resource Exploration, Inc.  
(Sign Name) By William B. Bristow Vice President  
Well Operator

Address of Well Operator  
P. O. Box 149 Street  
Dennison City or Town  
Ohio 44621 State

01/26/2024

\*SECTION 3 . . . . If no objections are filed or found by the Department of mines, within said period of ten days from the receipt of notice and plat by the department of mines, to said proposed location, the department shall forthwith issue to the well operator a permit reciting the filing of such plat, that no objections have been made by the coal operators or found thereto by the department and that the same is approved and the well operator authorized to proceed.

BLANKET BOND

WIRT-593 PERMIT NUMBER



**LAWSON OIL & GAS WEL' CEMENTING CO., Inc.**

No. 6239

P. O. BOX 1726 • PARKERSBURG, W. VA.

A-11

DATE	CUSTOMER'S ORDER NO.	TRUCK CALLED OUT		ON LOCATION		JOB BEGAN		JOB COMPLETED	
		DATE	TIME	DATE	TIME	DATE	TIME	DATE	TIME
AUG-13-72		8-13	9:00 AM	8-13	10:30 AM	8-13	12:00 PM	8-13	3:00 PM
WELL NUMBER	FARM NO.	PLACE	COUNTY	STATE					
#1-C	PURSLEY	CRESTON	WIRT	W. Va					

WELL OWNER: **RESOURCE EXPLORATION, INC.**  
 CONTRACTOR: **G. L. HAUGHT & SONS**  
 MAILING ADDRESS: **RESOURCE EXPLORATION, INC. SUITE 400-1600 FAIRFIELD AVE SHREVEPORT LA. 71101**

Owner, operator or agent states the well is in condition for the service job to be performed and submits the following data:

TYPE OF JOB (✓) ONE	CASING		HOLE DATA		TUB. or DRILL PIPE		CEMENT'G PACKER		FLOATING EQUIPMENT	
	SIZE	DEPTH	BORE SIZE	NEW/OLD	SIZE	TYPE	SIZE	TYPE	TYPE	OTHER EQUIPMENT
SURFACE	8 5/8	205	10 5/8	NEW					FLOAT SHOE	
INTERMEDIATE				OLD					GUIDE SHOE	
PRODUCTION									FLOAT COLLAR	
SQUEEZE										
PUMPING										
PLUG BACK										
GROUTING										
OTHER (write in)										

REMARKS By Servicemen

RECEIVED

THANK YOU!

It is expressly understood and agreed that Lawson Cementing Co. is an independent Contractor for the said work and services and that Lawson Cementing Co. shall not be responsible or liable for damage to property of said well owner, operator or drilling contractor, including but not limited to subsurface damage. Well owner, operator or drilling contractor shall be responsible and some harmless, Lawson Cementing Co. against any liability for reservoir loss or damage, or property damage arising from a well blow out. If equipment or property of Lawson Cementing Co. are lost or destroyed at the well, the well owner, operator or drilling contractor shall either recover the same or pay for such equipment.

It is agreed that Lawson Cementing Co. shall not be bound by any agreement not herein contained, and no agent or employee of Lawson Cementing Co. has authority to vary, alter or extend the terms hereof. A mechanic's lien is hereby acknowledged on above well and equipment to secure the amount for materials and services performed thereto. I have read and understood the terms hereof and I hereby represent that I am authorized to sign the same as agent of customer.

SIGNED WELL OWNER, OR OPERATOR: \_\_\_\_\_

AGENT: **Robert F. Yost**

THIS WORK ORDER MUST BE SIGNED BEFORE WORK IS STARTED. DATE: **Aug. 13-1972**

PRESSURE	PLUGS & HEADS
CIRCULATING 200	BOTTOM TYPE
MINIMUM 200	TOP TYPE
MAXIMUM 200	TYPE HEAD <b>SWEDGE</b>
FINAL 50	CEMENT LEFT IN CASING 10' FT.
BY REQUEST <input checked="" type="checkbox"/>	NECESSITY <input type="checkbox"/>
	MEASURED WITH LINE? <b>NO!</b>

TRUCK TYPE: **TWIN G.M. # 31**

SERVICEMEN: **KARL CHURCH**  
**RON CHURCH**

REMARKS: **Dr. 19. Permit # 593 WIRT**

CEMENT DATA	BULK	SACKED	MIXED WT. PER GAL.
SACKS	TYPE	BRAND	% GEL, OTHER ADMIX
			<b>3% CALCIUM</b>

INVOICE SECTION	DEPTH OF JOB	FT.
		<b>205</b>
PRICE REF.	SERVICE & MATERIAL CHARGES	AMOUNT
1	BASE Pump Truck	210.00
90	5KS Reg. Cement	180.00
3	5KS Calcium	18.00
	30 MILES @ 25¢ Per Ton Mile	31.75

6% INTEREST CHARGED AFTER 30 DAYS FROM DATE OF INVOICE.	SUB TOTAL	439.75
	STATE TAX	
	TOTAL	<b>439.75</b>

**WELL REPORT**

1-66 3650 - 6150

01/26/2024



WELLS NAME AND NO. Purday #1-C LOCATION Creston A-12  
 COUNTY Wirt STATE W. Va.  
 DOWELL ENGINEER J.H. Kemper

RIG NAME: Haight Drlg.  
 WELL DATA  
 HOLE SIZE 7 7/8 CASING SIZE-WEIGHT 4 1/2 G.S.  
 DEPTH 2040 LENGTH 2045  
 ROT  CABLE  
 BHST GRADE 555  
 BHLT THREAD 8rd  
 BHCT CAPACITY 33 bbl

NAME Resources Exploration Inc.  
 AND P.O. Box 149  
 ADDRESS Dennison, O.  
 ZIP CODE

MUD: TYPE WT. VISC.  
 SHOE FLOAT TYPE Dowell DEPTH 2033  
 STAGE TOOL TYPE Dowell DEPTH 2045  
 TBG  D.P. HEAD & PLUGS SQUEEZE JOB  
 DOUBLE  SINGLE TOOL TYPE  
 GRADE  SWAGE TAIL PIPE: IN. FT.  
 THREAD  KNOCKOFF PERF INTERVAL FT.  
 NEW  USED TOP  R  W TO  
 DEPTH BOT  R  W TO  
 CAPACITY OTHER TO

SPECIAL INSTRUCTIONS  
 PRESSURE LIMIT PSI BUMP PLUG TO PSI MIN  
 ROTATE RPM  RECIPROCATE FT  CENTRALIZERS NO 4

JOB SCHEDULED FOR TIME 1300 DATE 8-15-72 ARRIVED ON LOCATION TIME 1300 DATE 8-15-72 LEFT LOCATION TIME 1700 DATE 8-15-72

TIME	PRESSURE		VOLUME PUMPED	INJECT. RATE	SERVICE LOG DETAIL
	TBG. OR D.P.	CASING			
<u>1430</u>					<u>Hook up after spotting units</u>
<u>1500</u>					
<u>1615</u>					<u>Pump 125 bbl - Circulate hole</u>
					<u>" 25 bbl slow to clean hole</u>
					<u>Mix + pump 225 cu. ft. Poz 2</u>
					<u>Wash out line to well head</u>
					<u>Drop plug.</u>
					<u>Displace with 33 bbl water</u>
					<u>Put 1200 lbs on latch down plug</u>
<u>1700</u>					<u>Check float - holding</u>
					<u>Teardown - wash unit.</u>
					<u>Leave location</u>

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JAN 10 1973

OIL & GAS DIVISION  
 DEPT. OF MINES

*Well file*

SYSTEM CODE	NO. OF SACKS	YIELD CU. FT/SK	COMPOSITION OF CEMENTING SYSTEMS		SLURRY MIXED	
			I.	II.	VOL.	WT.
<u>I.</u>	<u>225</u>	<u>50-50 Poz 2</u>			<u>45 bbl</u>	<u>12.0</u>
<u>II.</u>						
<u>III.</u>						

AUG 21 1972

BREAKDOWN FLUID WT. SACKS MIXED 225 PUMPED 225 PRESSURE MAX: MIN:  
 HESITATION SQ.  RUNNING SQ. CIRCULATION LOST  YES  NO CEMENT CIRCULATED TO SURF.  YES  NO  
 BREAKDOWN PSI FINAL PSI CEMENT LEFT IN PIPE: F  
 WASHED THRU  YES  NO TO FT. MEASURED  DISPLACEMENT  WIRELINE  AS PLANNED  UNAVOIDABLE  
 TYPE OF WELL  OIL  STORAGE  BRINE/WATER  GAS  INJECTION  WILDCAT CUSTOMER REPRESENTATIVE  
 DOES CUSTOMER CONSIDER SERVICE: **01/26/2024**  
 SATISFACTORY  UNSATISFACTORY  UNKNOWN





RECEIVED

JAN 10 1973

STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES

OIL & GAS DIVISION  
DEPT. OF MINES

Oil and Gas Division

WELL RECORD

Rotary  Oil \_\_\_\_\_  
Cable \_\_\_\_\_ Gas  G. NO. L.  
Recycling \_\_\_\_\_ Comb. \_\_\_\_\_  
Water Flood \_\_\_\_\_ Storage \_\_\_\_\_  
Disposal \_\_\_\_\_ (Kind)

Quadrangle Spencer

Permit No. Wirt 593

39-00  
3-35

Company <u>Resource Exploration, Inc.</u>	Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Address <u>Box 149, Dennison, Ohio 44621</u>	Size			
Farm <u>Olive Nutter</u> Acres <u>20</u>	20-16			
Location (waters) <u>Island Run of Little Kanawha</u>	Cond.			
Well No. <u>Pursley #1-C</u> Elev. <u>986</u>	13-10"			
District <u>Spring Creek</u> County <u>Wirt</u>	9 5/8			
The surface of tract is owned in fee by <u>Olive Nutter</u>	8 5/8	198	198	90
Address <u>Grantsville, W.Va. 26147</u>	7			
Mineral rights are owned by <u>Glen W. Roberts</u>	5 1/2			
Address <u>Elizabeth, W.Va.</u>	4 1/2	2043	2043	225
Drilling Commenced <u>8/12/72</u>	3			
Drilling Completed <u>8/15/72</u>	2			
Initial open flow _____ cu. ft. _____ bbls.	Liners Used			
Final production <u>142 M</u> cu. ft. per day _____ bbls.				
Well open <u>2</u> hrs. before test <u>350</u> RP.				

Well treatment details:

Attach copy of cementing record.

Fraced w/20,000# 10/20 sand 700 Bbl water

Coal was encountered at \_\_\_\_\_ Feet \_\_\_\_\_ Inches  
Fresh water \_\_\_\_\_ Feet \_\_\_\_\_ Salt Water \_\_\_\_\_ Feet \_\_\_\_\_  
Producing Sand Big Injun Depth 1950-1980

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Soil			0	5		
Sand, shale, red rock			5	1398		
Shale			1398	1586		
Sand, salt			1586	1797		
Lime			1797	1884		
Keener sand			1884	1950		
Big Injun			1950	1980	Gas	

01/26/2024

(over)

\* Indicates Electric Log tops in the remarks section.







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

RECEIVED

AUG 16 1972

OIL & GAS DIVISION  
DEPT. OF MINES

INSPECTOR'S WELL REPORT

Permit No. WIRT-593

Oil or Gas Well Gas  
(KIND)

Company <u>Resource Exploration, Inc.</u> <u>Suite 400-1600 Fairfield Ave</u> Address <u>Shreveport, La</u> Farm <u>Olive Nutter</u> Well No. <u>Pursley #1-C</u> District <u>Spring Creek</u> County <u>Wirt</u> Drilling commenced <u>8/13/72</u> Drilling completed _____ Total depth _____ Date shot _____ Depth of shot _____ Initial open flow _____ /10ths Water in _____ Inch Open flow after tubing _____ /10ths Merc. in _____ Inch Volume _____ Cu. Ft. Rock pressure _____ lbs. _____ hrs. Oil _____ bbls., 1st 24 hrs. Fresh water _____ feet _____ feet Salt water _____ feet _____ feet	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Size				Kind of Packer _____
16				
13				
10				Size of _____
<del>8 1/2</del> 8 5/8	198			Depth set _____
6 5/8				
5 3/16				
3				Perf. top _____
2				Perf. bottom _____
Liners Used _____				Perf. top _____
				Perf. bottom _____

CASING CEMENTED \_\_\_\_\_ SIZE \_\_\_\_\_ No. FT. \_\_\_\_\_ Date \_\_\_\_\_  
NAME OF SERVICE COMPANY \_\_\_\_\_  
COAL WAS ENCOUNTERED AT \_\_\_\_\_ FEET \_\_\_\_\_ INCHES  
\_\_\_\_\_ FEET \_\_\_\_\_ INCHES \_\_\_\_\_ FEET \_\_\_\_\_ INCHES  
\_\_\_\_\_ FEET \_\_\_\_\_ INCHES \_\_\_\_\_ FEET \_\_\_\_\_ INCHES

Drillers' Names \_\_\_\_\_

Remarks:

Drilling at 480 ft. Warren Haight Rotary drilling Contractor.  
198 ft. of 8 5/8 pipe cemented to surface.

8/14/72

DATE

John B. [Signature]  
DISTRICT INSPECTOR

01/26/2024







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

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FEB 15 1973

OIL & GAS DIVISION  
DEPT. OF MINES

INSPECTOR'S WELL REPORT

Permit No. WIRT-593

Oil or Gas Well Gas  
(KIND)

Company <u>Resource Exploration, Inc.</u> <u>400-1600 Fairfield Ave.</u> <u>Shreveport, La.</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
	Address	Size		
Farm <u>Olive Nutter</u>	16			Kind of Packer
Well No. <u>Pursley # 1-C</u>	13			
District <u>Spring Creek</u> County <u>Wirt</u>	10			Size of
Drilling commenced	8 1/4			
Drilling completed _____ Total depth _____	6 5/8			Depth set
Date shot _____ Depth of shot _____	5 3/16			
Initial open flow _____ /10ths Water in _____ Inch	3			Perf. top
Open flow after tubing _____ /10ths Merc. in _____ Inch	2			Perf. bottom
Volume _____ Cu. Ft.	Liners Used			Perf. top
Rock pressure _____ lbs. _____ hrs.				Perf. bottom
Oil _____ bbls., 1st 24 hrs.	CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____			
Fresh water _____ feet _____ feet	NAME OF SERVICE COMPANY _____			
Salt water _____ feet _____ feet	COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			

Drillers' Names \_\_\_\_\_

Remarks:

Final inspection has been made for bond release.

2-15-73

2/13/73

DATE

*Fred Russell*

DISTRICT WELL INSPECTOR

01/26/2024







B-12



State of West Virginia

Department of Mines  
Oil and Gas Division  
Charleston 25305

February 15, 1973

Resource Exploration, Inc.  
P. O. Box 149  
Dennison, Ohio 44621

In Re: Permit No. WIRT-593  
Farm Olive Nutter  
Well No. Pursley 1-C  
District Spring Creek  
County Wirt

Gentlemen:

The final inspection report for the well which is described above has been received in this office. Only the column checked below applies.

XXXX The bond covering the well designated by the above permit number has been released under your Blanket Bond.

         Please return the enclosed cancelled bond which covered the well designated by the above permit number to the Surety Company who executed said bond in your behalf, in order that they may give you credit on their records.

Very truly yours,

Deputy Director  
Oil and Gas Division

RLD/cc

Enclosure:

01/26/2024



1.0 API well number: (If not available, leave blank. 14 digits.)	<u>47-105-0593</u>																												
2.0 Type of determination being sought: (Use the codes found on the front of this form.)	<u>108</u> 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.)	<table style="width:100%; border: none;"> <tr> <td colspan="4" style="text-align: center;">NATURAL GAS DEVELOPMENT CORPORATION</td> </tr> <tr> <td style="width:10%;">Name</td> <td colspan="3">5400 Pooks Hill Rd. #233</td> </tr> <tr> <td>Street</td> <td>Bethesda</td> <td>Md</td> <td>20014</td> </tr> <tr> <td>City</td> <td></td> <td>State</td> <td>Zip Code</td> </tr> </table>				NATURAL GAS DEVELOPMENT CORPORATION				Name	5400 Pooks Hill Rd. #233			Street	Bethesda	Md	20014	City		State	Zip Code									
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Name	5400 Pooks Hill Rd. #233																												
Street	Bethesda	Md	20014																										
City		State	Zip Code																										
5.0 Location of this well: [Complete (a) or (b).] (a) For onshore wells (35 letters maximum for field name.)	<table style="width:100%; border: none;"> <tr> <td style="width:10%;">Field Name</td> <td colspan="3">Creston Field</td> </tr> <tr> <td>County</td> <td>Wirt</td> <td>W. Va.</td> <td>State</td> </tr> </table>				Field Name	Creston Field			County	Wirt	W. Va.	State																	
Field Name	Creston Field																												
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(b) For OCS wells:	<table style="width:100%; border: none;"> <tr> <td style="width:10%;">Area Name</td> <td colspan="2">_____</td> <td>Block Number</td> <td>_____</td> </tr> <tr> <td colspan="5" style="text-align: center;">Date of Lease:</td> </tr> <tr> <td></td> <td style="text-align: center;"> _ </td> <td style="text-align: center;"> _ </td> <td style="text-align: center;"> _ </td> <td></td> </tr> <tr> <td></td> <td style="text-align: center;">Mo.</td> <td style="text-align: center;">Day</td> <td style="text-align: center;">Yr.</td> <td style="text-align: center;">OCS Lease Number</td> </tr> </table>				Area Name	_____		Block Number	_____	Date of Lease:						_	_	_			Mo.	Day	Yr.	OCS Lease Number					
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.)	<table style="width:100%; border: none;"> <tr> <td style="width:50%; text-align: center;">PURSLEY #1C</td> <td style="width:50%; text-align: center;">WIR 593</td> </tr> </table>				PURSLEY #1C	WIR 593																							
PURSLEY #1C	WIR 593																												
(d) If code 4 or 5 in 2.0 above, name of the reservoir: (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.)	<table style="width:100%; border: none;"> <tr> <td style="width:10%;">Name</td> <td colspan="3">CONSOLIDATED GAS SUPPLY COMPANY</td> <td>004228</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td>Buyer Code</td> </tr> </table>				Name	CONSOLIDATED GAS SUPPLY COMPANY			004228					Buyer Code															
Name	CONSOLIDATED GAS SUPPLY COMPANY			004228																									
				Buyer Code																									
(b) Date of the contract:	<table style="width:100%; border: none;"> <tr> <td style="text-align: center;">0</td> <td style="text-align: center;">9</td> <td style="text-align: center;">3</td> <td style="text-align: center;">0</td> <td style="text-align: center;">65</td> </tr> <tr> <td style="text-align: center;">Mo.</td> <td style="text-align: center;">Day</td> <td style="text-align: center;">Yr.</td> <td colspan="2"></td> </tr> </table>				0	9	3	0	65	Mo.	Day	Yr.																	
0	9	3	0	65																									
Mo.	Day	Yr.																											
(c) Estimated annual production:	<table style="width:100%; border: none;"> <tr> <td style="text-align: center;">4</td> <td colspan="3"></td> <td>MMcf.</td> </tr> </table>				4				MMcf.																				
4				MMcf.																									
7.0 Contract price: (As of filing date. Complete to 3 decimal places.)	6585	-----	-----	6585																									
8.0 Maximum lawful rate: (As of filing date. Complete to 3 decimal places.)	2.224	-----	-----	2.224																									
9.0 Person responsible for this application:	<table style="width:100%; border: none;"> <tr> <td style="width:10%;"></td> <td style="text-align: center;">RODNEY ROSE</td> <td style="text-align: right;">President</td> <td colspan="2"></td> </tr> <tr> <td style="width:10%;">Name</td> <td colspan="3">NATURAL GAS DEVELOPMENT CORPORATION</td> <td>File</td> </tr> <tr> <td>Signature</td> <td colspan="3" style="text-align: center;"><i>Rodney Rose</i></td> <td></td> </tr> <tr> <td></td> <td style="text-align: center;">12-1-78</td> <td style="text-align: center;">(301) 530-2702</td> <td colspan="2"></td> </tr> <tr> <td>Date Application is Completed</td> <td></td> <td>Phone Number</td> <td colspan="2"></td> </tr> </table>					RODNEY ROSE	President			Name	NATURAL GAS DEVELOPMENT CORPORATION			File	Signature	<i>Rodney Rose</i>					12-1-78	(301) 530-2702			Date Application is Completed		Phone Number		
	RODNEY ROSE	President																											
Name	NATURAL GAS DEVELOPMENT CORPORATION			File																									
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<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="text-align: center;">Agency Use Only</td> </tr> <tr> <td style="text-align: center;">Date Received by Juris. Agency</td> </tr> <tr> <td style="text-align: center;">DEC 18 1978</td> </tr> <tr> <td style="text-align: center;">Date Received by FERC</td> </tr> <tr> <td style="text-align: center;">GAS DIVISION</td> </tr> </table>	Agency Use Only	Date Received by Juris. Agency	DEC 18 1978	Date Received by FERC	GAS DIVISION																								
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01/26/2024



PARTICIPANTS:

DATE: MAY 21, 1979

BUYER-SELLER CODE

WELL OPERATOR: Natural Gas Development Corp. 030590

FIRST PURCHASER: Consolidated Gas Supply Comp. 004228

OTHER: \_\_\_\_\_

OK, 108 well  
Frank Lee

W. Va. Department of Mines, Oil & Gas Division  
WELL DETERMINATION FILE NUMBER  
781215-108-105-0593  
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  \_\_\_\_\_

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 None-taken Was Oil Produced? \_\_\_\_\_ Ratio \_\_\_\_\_

7 IV-39- Annual Production 2 years

8 IV-40- 90 day Production  Days off Line: None

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 \_\_\_\_\_

Date Commenced: 8-12-72

(5) Date Completed: 8-15-72 Deepened \_\_\_\_\_

(5) Production Depth: 1950-1980

(5) Production Formation: Big Injun

(5) Initial Potential: None given; FOF: 142 McFD

(5) Static R.P. Initially: 350 (2 hrs)

(6) Other Gas Test: \_\_\_\_\_

(7) Avg. Daily Gas from Annual Production: 11.9 McFD (08 bbl/day)

(8) Avg. Daily Gas from 90-day ending w/1-120 days 12.6 McFD

(8) Line Pressure: 20 PSIG from Daily Report

(5) Oil Production: No From Completion Report \_\_\_\_\_

(10-17) Does lease inventory indicate enhanced recovery being done: No 01/26/2024

(10-17) Is affidavit signed?  Notarized?

Does official well record with the Department confirm the submitted information? \_\_\_\_\_

Additional Information \_\_\_\_\_ Does computer program confirm? \_\_\_\_\_

Was Determination Objected to? \_\_\_\_\_ By Whom? \_\_\_\_\_



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

Date Dec. 1, 1978

Operator's Well No. PURSLEY 1 C

API Well No. 47 - 105 - 0593  
State County Permit

Previous File No. WIR-593  
(If Applicable)

STATE APPLICATION FOR WELL CLASSIFICATION

WELL OPERATOR NATURAL GAS DEVELOPMENT CORPORATION DESIGNATED AGENT HAYS & COMPANY  
ADDRESS 5400 Pooks Hill Rd. #233 ADDRESS BOX 590  
Bethesda, Md. 20014 SPENCER, W. Va.

Gas Purchase Contract No. 3097 and Date 12-6-72  
(Month, day and year)

Meter Chart Code 3342

Name of First Purchaser CONSOLIDATED GAS SUPPLY COMPANY  
45 West Main Street

Clarksburg, W. Va. 26301  
(City) (State) (Zip Code)

FERC Seller Code \_\_\_\_\_ FERC Buyer Code 004228

TYPE OF DETERMINATION BEING SOUGHT:

- (1) Initial determination (See FERC Form 121.) Section of NGPA 108 Category Code \_\_\_\_\_
- (2) Determination that increased production is the result of enhanced recovery technology.
- (3) Determination of a seasonally affected well.

RODNEY ROSE PRESIDENT  
Name (Print) Title

Signature \_\_\_\_\_  
5400 Pooks Hill Rd. #233  
Street or P. O. Box  
Bethesda, Md. 20014  
City State (Zip Code)  
301 530-2702  
Area Phone Number  
Code

(Certificate of Proof of Service to Purchaser)  
SEE ATTACHED CERTIFICATION

(All of the above to be completed by the Operator/Applicant)

(To be completed by Jurisdictional Agency. Executed copy to be returned to Operator/Applicant and purchaser, if known).

The Department of Mines has received a request,  for certification of the above described well as meeting the requirements of Section 108 under the Natural Gas Policy Act of 1975 (NGPA);  for determination that increased production is the result of enhanced recovery technology under Section 108 of (NGPA);  or for determination of a seasonally affected well under Section 108 of (NGPA).

All interested parties are hereby notified that on the 21 day of May, 1979, at the office of the Oil and Gas Division in Charleston, West Virginia, or as soon thereafter as it may be heard, there will be a public hearing, if requested, or if objection is filed.

This Application is assigned File No. 7812151081050593

Initial review of information submitted indicates the well  is  is not entitled to certification as claimed under the Natural Gas Policy Act (NGPA). A review of the well and any additional evidence will be made at the time appointed for a public hearing or as soon thereafter as the matter may be heard.

Unless objections are timely filed or a request for a hearing is made within \_\_\_\_\_ days, a hearing will not be held except on ex parte motion of the department and the \_\_\_\_\_ is to be determined.

01/26/2024

WEST VIRGINIA DEPARTMENT OF MINES

12/15/78

*Robert L. [Signature]*



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

Date Dec. 1 1978

Operator's Well No. PURSLEY 1C  
API Well No. 47 - 105 - 0593  
State County Form

WELL CLASSIFICATION FORM

STRIPPER GAS WELL

NGPA Section 108

DESIGNATED AGENT HAYS & COMPANY

ADDRESS Box 590

Spencer, W.V. 25276

WELL OPERATOR NATURAL GAS DEVELOPMENT CORP. LOCATION: Elevation 986'

ADDRESS 5400 Pooks Hill Rd. #233 Watershed Island Run of Little Kanawha

Bethesda, Md. 20014 Dist Spring Creek Wirt Quad Spencer

GAS PURCHASER CONSOLIDATED GAS SUPPLY CO. Gas Purchase Contract No. 3097

ADDRESS 45 West Main Street Meter Chart Code 3342

Clarksburg, W.V. 26301 Date of Contract 12-6-72

\* \* \* \* \*

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.)

Pump, Separator , Tanks, Pipelines and Valves.

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: (See Operator's Address Above)

- B & O Tax Records
- Royalty Payments Records
- Meter Production Records
- Purchaser's Monthly Summary Statements.

01/26/2024



Describe the search made of any records listed above.

Persuant to S 274.206 FERC REGULATIONS OF THE NATURAL GAS ACT OF 1978, I have made a dilligent search of all records which are reasonably - available and contain information relevant to the determination; and in conclusion from production and sales data including B&O Tax Records, Royalty Payment Records, Meter Production Records and Purchaser's Monthly Summary Statements, on file in this Office, I beleive in good faith that such natural gas is eligible under the NGPA and above referenced subchapter for a maximum lawful price not less than that to be collected; and to the best of my information, knowledge and belief, each well qualifies as a stripper well; and that I have no knowledge of any other information which is inconsistant with my conclusion.

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, RODNEY ROSE, 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.

Rodney Rose

RODNEY ROSE

PRESIDENT

NATURAL GAS DEVELOPMENT CORP.

STATE OF MARYLAND  
COUNTY OF MONTGOMERY, TO WIT:

OLIVE J. O'CONNOR, a Notary Public in and for the state and county aforesaid, do certify that RODNEY ROSE, whose name is signed to the writing above, bearing date the 1st day of December, 1978, has acknowledged the same before me, in my county aforesaid.

Given under my hand and official seal this 20 day of February, 1979.

My term of office expires on the 1st day of July, 1982.

Olive J. Connor  
Notary Public

01/26/2024

[NOTARIAL SEAL]





State of West Virginia

Office of Oil and Gas

Charleston 25305

DESIGNATED AGENT Natural Gas Development Corp. Hays & Company, Agent	PURCHASER Consolidated Gas Supply	FILING DATE		NGPA SEC.	CO. CODE	PERMIT NO.
		YR	MO			
PURCHASER IDENTIFICATION NUMBER 004228	OPERATOR'S WELL NAME OR NUMBER <i>Russley #1c</i>	7	8	12	15	10811050593
CONTRACT NO. <i>3097</i>	FERC CONTROL NO. <i>79-7567</i>	5-21-79		DATE OF ISSUE		
METER CHART <i>3342</i>		7-23-79		EFFECTIVE DATE		

BY THE AUTHORITY INVESTED IN ME BY THE STATE OF WEST VIRGINIA, I HEREBY CERTIFY THIS WELL TO HAVE MET THE REQUIREMENTS OF CHAPTER 22, ARTICLE 4, SECTION 1 a (11) OF THE WEST VIRGINIA CODE OF 1931, AS AMENDED AND THE NATURAL GAS POLICY ACT OF 1978, TO BE CERTIFIED AS A 108 Stripper Well SECTION DESCRIPTION

THIS CERTIFICATE IS ISSUED AS AN ORIGINAL AND IS SUBJECT TO SURRENDER UPON LAWFUL DEMAND BY THIS AGENCY.

*Robert E. Dodd*  
 ROBERT E. DODD  
 ADMINISTRATOR  
 OFFICE OF OIL AND GAS



IV-39-INC  
 STATE OF WEST VIRGINIA  
 DEPARTMENT - MINES  
 DIVISION - OIL AND GAS  
 Natural Gas Development Corporation OPERATOR

ANNUAL REPORT OF MONTHLY PRODUCTION-1978  
 GAS VOLUMES IN MFC @ 14.75  
 OIL IN BARRELS @ 60 DEGREES  
 ID 1 18

REPORT NO. 01101P1 PG 00002  
 CURRENT DATE - 12/1/78  
 REPORT DATE - 12/1/78

01/26/2024

API#	WELL NAME	COUNTY	1977		1978		SHUT-IN PRESSURE	TOTALS
			AVG. FLOW	TEMP	AVG. FLOW	TEMP		
47-1050592	FARM Pursley 1C	WIRT	20	23	30	35	5695	
GAS MFC			145	147	235	588		
OIL BBL			J-6	F-6	M-6	A-6		
DAYS ONLINE			28	29	27	35	68	
			1978	23	35			
GAS MFC			376	320	299	440	4349	
OIL BBL			J-3	F-3	M-3	A-3		
DAYS ONLINE			28	28	28	35	31	

SUMMARIZATION SCHEDULE  
 Section 271. 804 (b)

In accordance with Section 271.804(b) please list all other wells which are to be used in determining this well classification under Part 271 Subpart H.

API NUMBERS  
 47-1050592  
 47-1050594

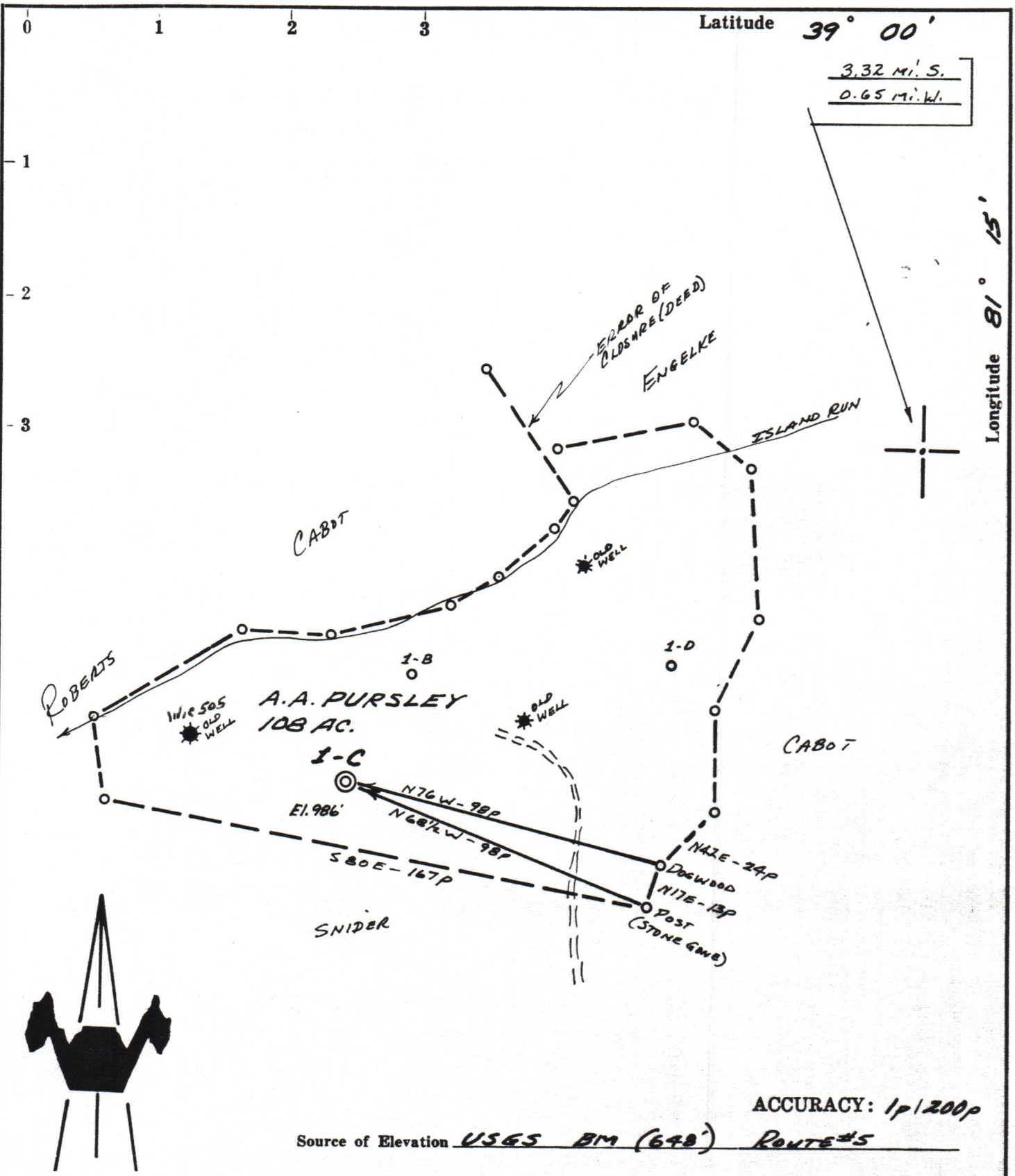


4/27/72 CEN

Latitude 39° 00'

3.32 mi. S.  
0.65 mi. W.

Longitude 81° 15'



ACCURACY: 1p/200p

Source of Elevation USGS BM (648) ROUTE #5

- New Location
- Drill Deeper
- Abandonment
- Fracture
- Redrill

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.

*Chet Waterman*

Company RESOURCE EXPLORATION, INC.  
 Address DENNISON, OHIO  
 Farm A.A. PURSLEY  
 Tract 20 of Acres 108 Lease No. \_\_\_\_\_  
 Well (Farm) No. 1-C Serial No. \_\_\_\_\_  
 Elevation (Spirit Level) 986'  
 Quadrangle SPENCER  
 County WIRT District SPRING CREEK  
 Engineer CHET WATERMAN  
 Engineer's Registration No. 3788  
 File No. 72003-262 Drawing No. \_\_\_\_\_  
 Date 6/27/72 Scale 1" = 40P

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

WELL LOCATION MAP  
FILE NO. WIRT-593

01/26/2024

+ 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.



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

DESIGNATION OF AGENT BY WELL OWNER OR OPERATOR

Operator  / Owner  Natural Gas Development Corporation  
Address 5400 Pooks Hill Road Suite #233  
Bethesda, Maryland 20014

Pursuant to the provisions of Code § 22-4-1k, and subject to the requirements of Regulation 1, 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 of the Code of West Virginia:

Designated Agent HAYS AND COMPANY  
Address PO Box 590  
SPENCER, WV 25276  
Telephone 304-927-2650

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 well:

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 19\_\_\_\_, 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 \_\_\_\_\_

Natural Gas Development Corporation  
Well Owner or Operator

By: Rodney Rose

Its: President 01/26/2024

ACCEPTED this 1st Day of December 1978  
HAYS AND COMPANY, AGENT

(Signature of designated agent)

GEORGE GAINER  
I, \_\_\_\_\_, subscribed and sworn to before me this 16 day of Feb., 1979.

Notary Public Norma Cooper My commission expires March 29, 1981