

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

OIL AND GAS WELL PERMIT APPLICATION

WELL TYPE: Oil / Gas
(If "Gas", Production / Underground storage ___ / Deep ___ / Shallow /)

LOCATION: Elevation: 900' Watershed: Road Fork
District: Murphy County: Ritchie Quadrangle: Smithville 7.5'

WELL OPERATOR Rosalee Roberts & Betty Jean
Address Route 4, Box 36-13
Weston, WV 26452
DESIGNATED AGENT Betty Jean Stalnaker
Address Route 4, Box 36-13
Weston, WV 26452

OIL & GAS ROYALTY OWNER Leroy McCalister
Address Route 742
Big Springs, WV 26137

COAL OPERATOR None
Address _____

ACREAGE 38
SURFACE OWNER Leroy McCalister
Address Route 742
Big Springs, WV 26137
ACREAGE 38

COAL OWNER(S) WITH DECLARATION ON RECORD:
Name _____
Address _____
Name _____
Address _____

RECEIVED
MAR 13 1981

FIELD SALE (IF MADE) TO:
Name _____
Address _____

OIL & GAS DIVISION
DEPT. OF MINES
COAL LESSEE WITH DECLARATION ON RECORD:
Name None
Address _____

OIL & GAS INSPECTOR TO BE NOTIFIED
Name K. Paul Goodnight
Address Smithville, WV 26178
Phone 304-477-3660

The undersigned well operator is entitled to operate for oil or gas purposes at the above location under a deed / lease ___ / other contract ___ / dated March 29, 19 78, to the undersigned well operator from Glenn B. Keller

[If said deed, lease, or other contract has been recorded:]
Recorded on April 26, 19 78, in the office of the Clerk of the County Commission of Ritchie County, West Virginia, in Lease Book 125 at page 117. A permit is requested as follows:

PROPOSED WORK: Drill / Drill deeper ___ / Redrill ___ / Fracture or stimulate ___ /
Plug off old formation ___ / Perforate new formation ___ /
Other physical change in well (specify) _____

--planned as shown on the work order on the reverse side hereof.

The above named coal operator, coal owner(s), and coal lessee are hereby notified that any objection they wish to make or are required to make by Code § 22-4-3 must be filed with the Department of Mines within fifteen (15) days after the receipt of this Application by the Department.

Copies of this Permit Application and the enclosed plat and reclamation plan have been mailed by registered mail or delivered by hand to the above named coal operator, coal owner(s), and coal lessee on or before the day of the mailing or delivery of this Permit Application to the Department of Mines at Charleston, West Virginia.

PLEASE SUBMIT COPIES OF ALL
GEOPHYSICAL LOGS DIRECTLY TO:
WEST VIRGINIA OIL AND GAS
CONSERVATION COMMISSION
1615 WASHINGTON STREET EAST
CHARLESTON, WV 25311
TELEPHONE: (304) 348-3092

05/03/2024
Rosalee Roberts & Betty Jean
Stalnaker d/b/a R. & S. Gas Co.
Well Operator
By Betty Jean Stalnaker
Its Agent

BOND DRILL

PROPOSED WORK ORDER

THIS IS AN ESTIMATE ONLY:
ACTUAL INFORMATION MUST BE SUBMITTED ON FORM IV-35 UPON COMPLETION

DRILLING CONTRACTOR (IF KNOWN) _____

Address _____

GEOLOGICAL TARGET FORMATION, Berea

Estimated depth of completed well, 2600 feet Rotary _____ / Cable tools _____

Approximate water strata depths: Fresh, _____ feet; salt, _____ feet.

Approximate coal seam depths: None Is coal being mined in the area? Yes _____ / No X

CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS					FOOTAGE INTERVALS		CEMENT FILL-UP OR SACKS (Cubic Feet)	PACKERS
	Size	Grade	Weight per ft	New	Used	For drilling	Left in well		
Conductor									Kinds
Fresh water	8"		20	X		200'	200'	To surface	
Coal									Sizes
Intermediate									
Production	4 1/2"		10.5	X			2600'	Bureau	Depths set
Tubing									
Liners									Perforations:
									Top Bottom

NOTE: Regulation 7.02 of the Department of Mines provides that the original and four copies of Form IV-2 must be filed with the Department, accompanied by (i) a plat in the form prescribed by Regulation 11, (ii) a bond in one of the forms prescribed by Regulation 12, or in lieu thereof the other security allowed by Code § 22-4-2, (iii) Form IV-3, "Reclamation Plan", applicable to the reclamation required by Code § 22-4-12b and Regulation 23, (iv) unless previously paid on the same well, the fee required by Code § 22-4-12a, and (v) if applicable, the consent required by Code § 22-4-3a from the owner of any water well or dwelling within 200 feet of the proposed well.

A separate Form IV-2 shall not be required for fracturing or stimulating a well where fracturing or stimulating is to be part of the work for which a permit is sought and is noted as such on the Form IV-2 filed in connection therewith.

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 11-20-81.

John B. Rudolph
Deputy Director - Oil & Gas Division

The following waiver must be completed by the coal operator and by any coal owner or coal lessee who has recorded a declaration under Code § 22-4-20, if the permit is to be issued within fifteen (15) days of receipt thereof:

W A I V E R

The undersigned coal operator _____ / owner _____ / lessee _____ / of the coal under this well location has examined this proposed well location. If a mine map exists which covers the area of the well location, the well location has been added to the mine map. The undersigned has no objection to the work proposed to be done at this location, provided, the well operator has complied with all applicable requirements of the West Virginia Code and the governing regulations.

05/03/2024

Date: _____, 19____

By _____

Its _____



Date Feb. 24, 19 81

Well No. 2
API No. 47 - 085 - 5105
State, County Permit

STATE OF WEST VIRGINIA
OFFICE OF OIL AND GAS

Company Name R. & S. Gas Company Designated Agent Betty Jean Stalnaker
Address Route 4, Box 36-13 Address Route 4, Box 36-13
Telephone 304-269-5038 Telephone 304-269-5038
Landowner Leroy McCallister Soil Cons. District Little Kanawha

Revegetation to be carried out by Betty Jean Stalnaker (Agent)

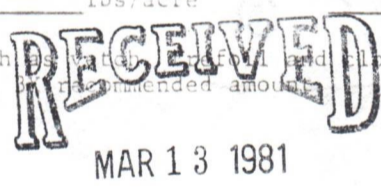
This plan has been reviewed by Little Kanawha SCD. All corrections and additions become a part of this plan. 2-27-81 Garrett Newton
(Date) (SCD Agent)

Access Road	Location
Structure <u>Culverts</u> (A)	Structure <u>Diversion Ditches</u>
Spacing <u>Min. Size 12"</u>	Material <u>Earthen</u>
Page Ref. Manual <u>I-8</u>	Page Ref. Manual <u>I-II 1:9</u>
Structure <u>Drainage Ditch</u> (B)	Structure <u>Rip Rap</u> (2)
Spacing _____	Material <u>Rock</u>
Page Ref. Manual <u>I-11</u>	Page Ref. Manual <u>N/A</u>
Structure _____ (C)	Structure _____ (3)
Spacing _____	Material _____
Page Ref. Manual _____	Page Ref. Manual _____

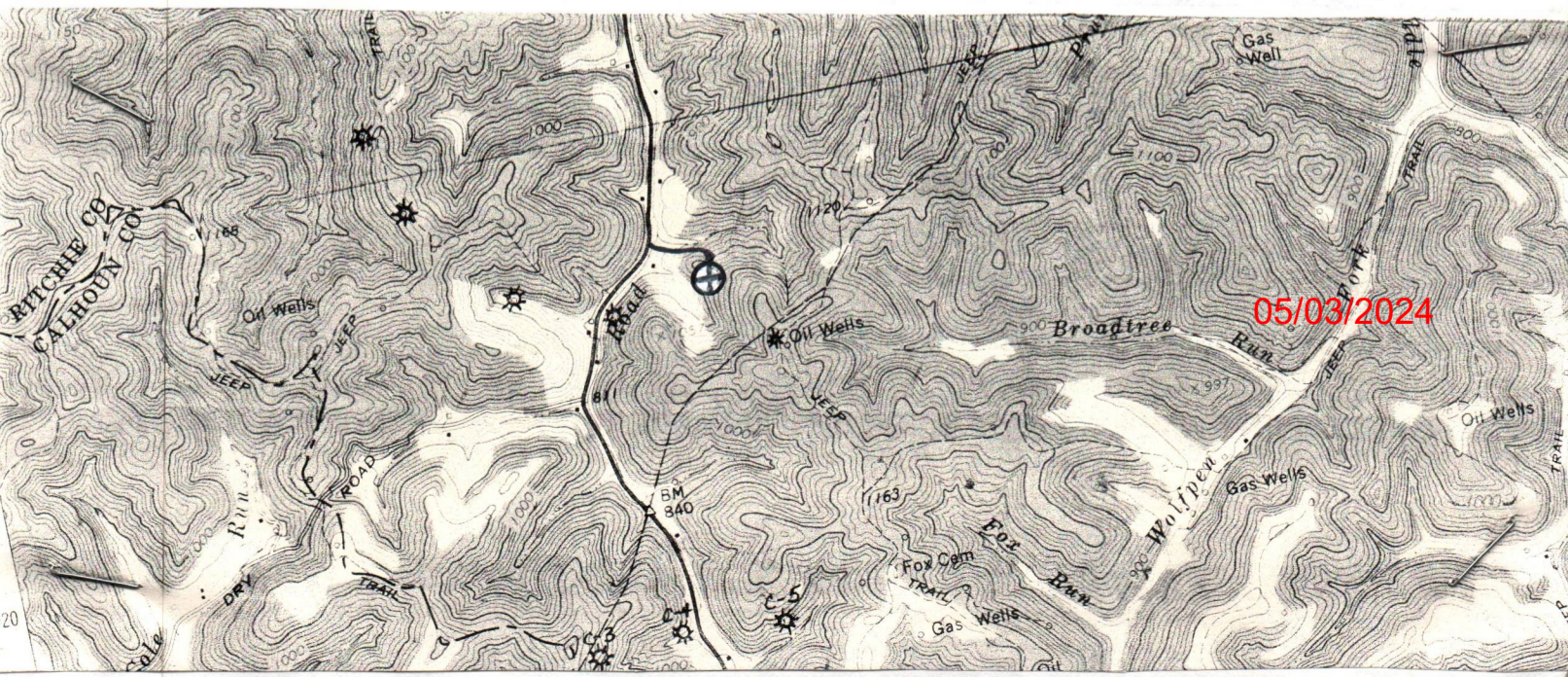
All structures should be inspected regularly and repaired if necessary.
*All commercial timber will be cut and stacked.
No brush or stumps will be put in fill.*

Treatment Area I			Treatment Area II		
Lime _____ Tons/acre	Lime _____ Tons/Acre		Lime _____ Tons/Acre	Lime _____ Tons/Acre	
or correct to pH <u>6.5</u>	or correct to pH <u>6.5</u>		or correct to pH <u>6.5</u>	or correct to pH <u>6.5</u>	
Fertilizer <u>600</u> lbs/acre	Fertilizer <u>600</u> lbs/acre		Fertilizer <u>600</u> lbs/acre	Fertilizer <u>600</u> lbs/acre	
(10-20-20 or equivalent)	(10-20-20 or equivalent)		(10-20-20 or equivalent)	(10-20-20 or equivalent)	
Mulch <u>(Hay) 2</u> Tons/Acre	Mulch <u>(Hay) 2</u> Tons/Acre		Mulch <u>(Hay) 2</u> Tons/Acre	Mulch <u>(Hay) 2</u> Tons/Acre	
Seed* <u>Ky 31 30</u> lbs/acre	Seed* <u>Ky 31 30</u> lbs/acre		Seed* <u>Ky 31 30</u> lbs/acre	Seed* <u>Ky 31 30</u> lbs/acre	
<u>Rye 10</u> lbs/acre	<u>Rye 10</u> lbs/acre		<u>Rye 10</u> lbs/acre	<u>Rye 10</u> lbs/acre	

*Inoculate all legumes such as clover and alfalfa with the proper bacterium. Inoculate with _____



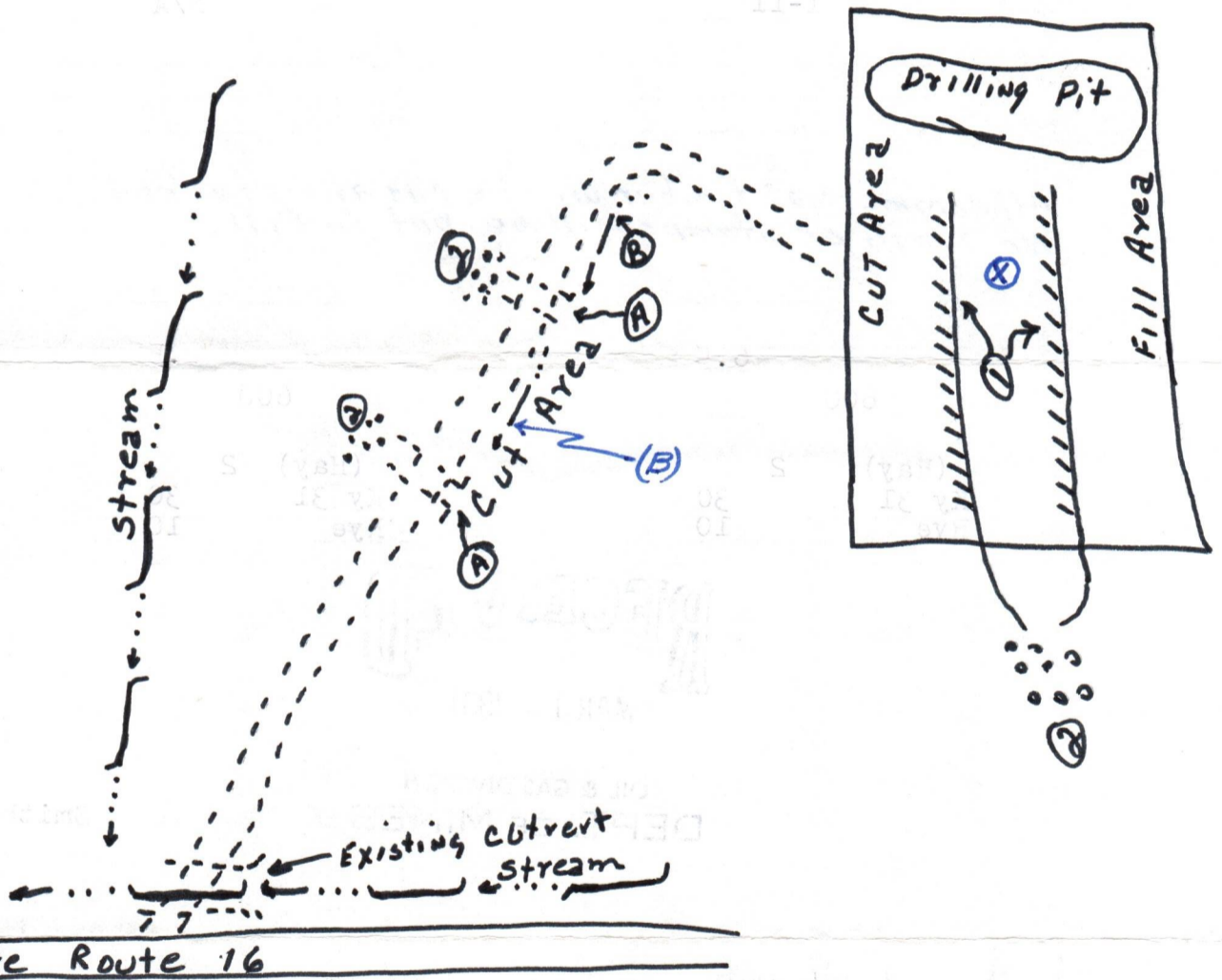
OIL & GAS DIVISION
DEPT. OF MINES
Attach or photocopy section _____ of _____ map. Quadrangle Smithville
Legend: ⊕ Well Site
— Access Road



Well Site Plan

- Legend:
- Property Boundry
 - Road
 - Existing Fence
 - Planned Fence
 - Stream
 - Open Ditch
 - Diversion
 - Spring
 - Wet Spot
 - Building
 - Drain Pipe
 - Waterway

Sketch to include well location, existing access road, roads to be constructed, wellsite, drilling pits and necessary structures numbered or lettered to correspond with first part of this plan. Include all natural drainage.



Comments: Slope on well road to be approx. 15%. All disturbed areas to be seeded and mulched. Cuts to be on a 2:1 slope or less. Diversion ditches and drainage ditches along road will be maintained after well is completed.

Signature: Betty Jean Stalnaker Rt. 4, Weston, WV 304-269-5038
 Agent Address Phone Number

05/03/2024

Please request landowners cooperation to protect new seeding for one growing season.

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

Date September 8, 19 81

FORM IV-35
(Obverse)

Operator's
Well No. 2

[08-78]

WELL OPERATOR'S REPORT
OF
DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

API Well No. 47 - 085 - 5105
State County Permit

WELL TYPE: Oil / Gas / Liquid Injection ___ / Waste Disposal ___
(If "Gas", Production / Underground storage ___ / Deep ___ / Shallow /)

LOCATION: Elevation: 900' Watershed: Road Fork
District: Murphy County: Ritchie Quadrangle: Smithville 7.5'

WELL OPERATOR Rosalee Roberts & Betty Jean Stalnaker dba R. & S. Gas Co. DESIGNATED AGENT Betty Jean Stalnaker
Address Route 4, Box 36-13 Address Route 4, Box 36-13
Weston, WV 26452 Weston, WV 26452

PERMITTED WORK: Drill / Convert ___ / Drill deeper ___ / Redrill ___ / Fracture or stimulate ___
Plug off old formation ___ / Perforate new formation ___
Other physical change in well (specify) _____

PERMIT ISSUED ON March 20, 19 81

OIL & GAS INSPECTOR FOR THIS WORK:

(IF APPLICABLE: PLUGGING OF DRY HOLE ON
CONTINUOUS PROGRESSION FROM DRILLING OR
REWORKING. VERBAL PERMISSION OBTAINED

Name K. Paul Goodnight
Address Smithville, WV 26178

GEOLOGICAL TARGET FORMATION: Big Injun Depth 2000 feet
Depth of completed well, 2092 feet Rotary / Cable Tools ___
Water strata depth: Fresh, ___ feet; salt, ___ feet.
Coal seam depths: ___ Is coal being mined in the area? No
Work was commenced August 1, 19 81, and completed August 5, 19 81

CASING AND TUBING PROGRAM

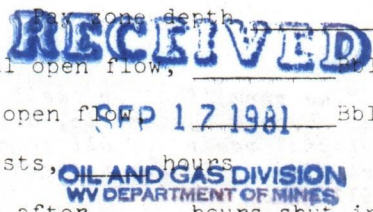
CASING OR TUBING TYPE	SPECIFICATIONS					FOOTAGE INTERVALS		CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS
	Size	Grade	Weight per ft	New	Used	For drilling	Left in well		
Conductor									Kinds
Fresh water	8"		20	x		210'	210'	65 Sacks	To Surface
Coal									Sizes
Intermediate									
Production	4 1/2"		10.5	x			2100'	75 Sacks	Depths set
Tubing									
Liners									Perforations:
									Top Bottom

OPEN FLOW DATA

Producing formation Big Injun Pay zone depth 1964-1996 feet
Gas: Initial open flow, 150 Mcf/d Oil: Initial open flow, 2 Bbl/d
Final open flow, 150 Mcf/d Final open flow, 2 Bbl/d
Time of open flow between initial and final tests, 48 hours
Static rock pressure, 400 psig (surface measurement) after 48 hours shut in

[If applicable due to multiple completion--]

Second producing formation _____ Pay zone depth _____ feet
Gas: Initial open flow, _____ Mcf/d Oil: Initial open flow, _____ Bbl/d
Final open flow, _____ Mcf/d Final open flow, _____ Bbl/d
Time of open flow between initial and final tests, _____ hours
Static rock pressure, _____ psig (surface measurement) after _____ hours shut in



05/03/2024

[08-78]

DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC.

Perforated at 1970 to 1994 with 17 - .39 holes.

Well was fractured with 680 barrels of water and 50,000 pounds of sand. Formation broke down at 2500 psi and treated at an average pressure of 2200 psi.

WELL LOG

FORMATION	Color	Hard or Soft	Top Feet	Bottom Feet	Remarks Including indication of all fresh and salt water, coal, oil and gas
Slate & shale			0	1500	
Salt sand			1500	1530	
Shale			1530	1740	
Maxon sand			1740	1764	
Shale			1764	1804	
Little lime			1804	1828	
Pencil cave			1828	1837	
Big lime			1837	1930	
Big Injun sand			1930	1996	
Shale			1996	2092	
Total depth			2092		

(Attach separate sheets to complete as necessary)

Rosalee Roberts & Betty Jean
Stalnaker dba R. & S. Gas Co.

Well Operator

By

Betty Jean Stalnaker

Its

Agent

05/03/2024

NOTE: Regulation 2.02(i) provides as follows:

"The term 'log' or 'well log' shall mean a systematic, detailed geological record of all formations, including coal, encountered in the drilling of a well."



IV-35
(Rev 8-81)

Date April 6, 1982
Operator's
Well No. 2
Farm LeRoy McCallister
API No. 47 - 085 - 5105

State of West Virginia
Department of Mines
Oil and Gas Division

WELL OPERATOR'S REPORT
OF
DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

WELL TYPE: Oil / Gas / Liquid Injection / Waste Disposal /
(If "Gas," Production / Underground Storage / Deep / Shallow /)

LOCATION: Elevation: 900 Watershed Road Fork
District: Murphy County Ritchie Quadrangle Smithville

~~Rosalee Roberts & Betty Jean~~
COMPANY Stalnaker dba R. & S. Gas Co.

ADDRESS Rt. 4, Box 36-13, Weston, WV
DESIGNATED AGENT Betty Jean Stalnaker

ADDRESS Rt. 4, Box 36-13, Weston, WV
SURFACE OWNER LeRoy McCallister

ADDRESS Big Springs, WV 26137
MINERAL RIGHTS OWNER LeRoy McCallister

ADDRESS Big Springs, WV 26137
OIL AND GAS INSPECTOR FOR THIS WORK K. Paul

Goodnight ADDRESS Smithville, WV
PERMIT ISSUED March 20, 1981

DRILLING COMMENCED August 1, 1981
DRILLING COMPLETED August 5, 1981

IF APPLICABLE: PLUGGING OF DRY HOLE ON
CONTINUOUS PROGRESSION FROM DRILLING OR
REWORKING. VERBAL PERMISSION OBTAINED
ON _____

Casing & Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft.
Size 20-16 Cond.			
13-10"			
9 5/8			
8 5/8	210	210	To Surface
7			
5 1/2			
4 1/2		2100	75 Sacks
3			
2			
Liners used			

GEOLOGICAL TARGET FORMATION Big Injun Depth 2000 feet

Depth of completed well 2092 feet Rotary / Cable Tools _____

Water strata depth: Fresh 115 feet; Salt None feet

Coal seam depths: None Is coal being mined in the area? No

OPEN FLOW DATA

Producing formation Big Injun Pay zone depth 1964-96 feet

Gas: Initial open flow 150 Mcf/d Oil: Initial open flow 2 Bbl/d

Final open flow 150 Mcf/d Final open flow 2 Bbl/d

Time of open flow between initial and final tests 48 hours

Static rock pressure 400 psig (surface measurement) after 48 hours shut in

(If applicable due to multiple completion--)

05/03/2024

Second producing formation _____ Pay zone depth _____ feet

Gas: Initial open flow _____ Mcf/d Oil: Initial open flow _____ Bbl/d

Final open flow _____ Mcf/d Oil: Final open flow _____ Bbl/d

Time of open flow between initial and final tests _____ hours

Static rock pressure _____ psig (surface measurement) after _____ hours shut in

(Continue on reverse side)

DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC.

Perforated at 1970 to 1994 with 17 - .39 holes.

Well was fractured with 680 barrels of water and 50,000 pounds of sand. Formation broke down at 2500 psi and treated at an average pressure of 2200 psi.

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS
					Including indication of all fresh and salt water, coal, oil and gas
Soil			0	20	
Sand			20	80	
Slate			80	130	Fresh Water
Sand			130	170	
Slate			170	275	
Red Rock			275	360	
Sand			360	390	
Slate			390	458	
Red Rock			458	498	
Slate			498	540	
Red Rock			540	612	
Slate & Shells			612	760	
Sand			760	812	
Red Rock			812	835	
Slate			835	847	
Sand			847	950	
Slate			950	1037	
Sand			1037	1145	
Slate			1145	1330	
Sand			1330	1445	
Slate			1445	1487	
Sand			1487	1530	
Shale			1530	1740	
Maxon Sand			1740	1764	
Shale			1764	1804	
Little Lime			1804	1828	
Pencil Cave			1828	1837	
Big Lime			1837	1930	
Big Injun Sand			1930	1996	
Shale			1996	2092	
Total Depth			2092		

(Attach separate sheets as necessary)

Rosalee Roberts & Betty Jean
Stalnaker dba R. & S. Gas Company
Well Operator

By: Betty Jean Stalnaker, Agent 05/03/2024
Date: April 6, 1982

Note: Regulation 2.02(i) provides as follows:
"The term 'log' or 'well log' shall mean a systematic detailed geological record of all formations, including coal, encountered in the drilling of a well."



RECEIVED
MAY 3 1 1985

State of West Virginia
Department of Mines
Oil and Gas Division
Charleston 25305

OIL & GAS DIVISION
DEPT. OF MINES

FINAL INSPECTION REPORT
INSPECTORS COMPLIANCE REPORT

COMPANY R+S GAS CO.
WESTON W.VA

PERMIT NO 47-085-5105
FARM & WELL NO LEROY MCCALISTER
WELL # 2

DIST. & COUNTY MURPHY - RITCHIE

RULE	DESCRIPTION	IN COMPLIANCE	
		YES	NO
23.06	Notification Prior to Starting Work	_____	_____
25.04	Prepared before Drilling to Prevent Waste	_____	_____
25.03	High-Pressure Drilling	_____	_____
16.01	Required Permits at Wellsite	_____	_____
15.03	Adequate Fresh Water Casing	_____	_____
15.02	Adequate Coal Casing	_____	_____
15.01	Adequate Production Casing	_____	_____
15.04	Adequate Cement Strenght	_____	_____
15.05	Cement Type	_____	_____
23.02	Maintained Access Roads	_____	_____
25.01	Necessary Equipment to Prevent Waste	_____	_____
23.04	Reclaimed Drilling Pits	_____	_____
23.05	No Surface or Underground Pollution	_____	_____
23.07	Requirements for Production & Gathering Pipelines	_____	_____
16.01	Well Records on Site	_____	_____
16.02	Well Records Filed	✓	_____
7.05	Identification Markings	✓	_____

I HAVE INSPECTED THE ABOVE CAPTIONED WELL AND RECOMMEND THAT IT BE RELEASED:

SIGNED Samuel N. Hersman
DATE 5-21-85

Your well record was received and reclamation requirements approved. In accordance with Chapter 22, Article 4, Section 2, the above well will remain under bond coverage for the life of the well.

T. H. ...
Administrator-Oil & Gas Division

May 31, 1985
DATE

05/03/2024

NOV 9 1981

1.0 API well number: (If not available, leave blank. 14 digits.)	<u>47-085-2510500000</u>			
2.0 Type of determination being sought: (Use the codes found on the front of this form.)	<u>103</u> Section of NGPA		DEPT. OF MINE Category Code	
3.0 Depth of the deepest completion location: (Only needed if sections 103 or 107 in 2.0 above.)	<u>2100</u> feet			
4.0 Name, address and code number of applicant: (35 letters per line maximum. If code number not available, leave blank.)	<u>R. & S. Gas Company</u> Name		<u>021548</u> Seller Code	
	<u>Route 4, Box 36-13</u> Street			
	<u>Weston</u> City	<u>WV</u> State	<u>26452</u> Zip Code	
5.0 Location of this well: (Complete (a) or (b).) (a) For onshore wells (35 letters maximum for field name.)	<u>Murphy District</u> Field Name			
	<u>Ritchie</u> County		<u>WV</u> State	
(b) For OCS wells:	<u>N/A</u> 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.)	<u>LeRoy McCallister No. 2</u>			
(d) If code 4 or 5 in 2.0 above, name of the reservoir: (35 letters maximum.)	<u>Big Injun</u>			
6.0 (a) Name and code number of the purchaser: (35 letters and digits maximum. If code number not available, leave blank.)	<u>Roaring Fork Gas Corporation</u> Name		<u>039329</u> Buyer Code	
(b) Date of the contract:	<u>0, 2, 2, 3, 8, 1</u> Mo. Day Yr.			
(c) Estimated annual production:	<u>12.0</u> MMcf.			
	(a) Base Price (\$/MMBTU)	(b) Tax	(c) All Other Prices (Indicate (+) or (-).)	(d) Total of (a), (b) and (c)
7.0 Contract price: (As of filing date. Complete to 3 decimal places.)	<u>2.514</u>	<u>1.492</u>	<u>0.239</u>	<u>4.245</u>
8.0 Maximum lawful rate: (As of filing date. Complete to 3 decimal places.)	<u>2.514</u>	<u>1.492</u>	<u>0.239</u>	<u>4.245</u>
9.0 Person responsible for this application:	Betty Jean Stalnaker Agent Name Title			
Agency Use Only Date Received by Juris. Agency NOV 9 1981 Date Received by FERC	<u>Betty Jean Stalnaker</u> Signature			
	<u>October 26, 1981</u> Date Application is Completed		<u>304-269-5038</u> Phone Number	

05/03/2024

PARTICIPANTS:

DATE: MAR 22 1982

BUYER-SELLER CODE

WELL OPERATOR:

R. + S. Gas Company

021548

FIRST PURCHASER:

Cabot Corp.

002733

OTHER:

CK. map 1000' Checked. MS

W. Va. Department of Mines, Oil & Gas Division

WELL DETERMINATION FILE NUMBER

811109-103-085 = 5105

Use Above File Number on all Communications Relating to Determination of this Well

Deferred for complete well record (0-150) Qualifier JH Muzzy

CHECK EACH ITEM AS COMPLETE OR NOTE WHAT IS MISSING

ITEM NO.

- 1. FERC -121 Items not completed - Line No. 70+8.0 C
- 2. IV-1 Agent Betty Jean STALWALKER
- 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 years
- 8. IV-40 90 day Production 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: 8-1-81 Date completed 8-5-81 Deepened
- (5) Production Depth: 1964-96
- (5) Production Formation: Big Injun
- (5) Final Open Flow: 150 MCF
- (5) After Frac. R. P. 400# 48 hrs.
- (6) Other Gas Test: _____
- (7) Avg. Daily Gas from Annual Production: _____
- (8) Avg. Daily Gas from 90-day ending w/1-120 days _____
- (8) Line Pressure: _____ PSIG from Daily Report _____
- (5) Oil Production: _____ From Completion Report _____
- 10-17. Does lease inventory indicate enhanced recovery being done
- 10-17. Is affidavit signed? Notarized?
- Does official well record with the Department confirm the submitted information 05/03/2024
- Additional information _____ Does computer program confirm? _____
- Was Determination Objected to _____ By Whom? _____

5

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

Date October 26, 19 81

Operator's Well No. 2

API Well No. 47 - 085 - 5105
State County Permit

Previous File No. _____
(If Applicable)

STATE APPLICATION FOR WELL CLASSIFICATION

WELL OPERATOR R. & S. Gas Company
ADDRESS Route 4, Box 36-13
Weston, WV 26452

DESIGNATED AGENT Betty Jean Stalnaker
ADDRESS Route 4, Box 36-13
Weston, WV 26452

Gas Purchase Contract No. RFI-502 and Date 02/23/81
Meter Chart Code N/A (Month, day and year)

Name of First Purchaser Roaring Fork Gas Corporation
P. O. Box 3752
Charleston WV 25337
(City) (State) (Zip Code)

FERC Seller Code 021548 FERC Buyer Code 039329

TYPE OF DETERMINATION BEING SOUGHT:

- (1) Initial determination (See FERC Form 121.) 103 Section of NGPA Category Code
- (2) Determination that increased production is the result of enhanced recovery technology.
- (3) Determination of a seasonally affected well.

Betty Jean Stalnaker Agent
Name (Print) Title
Betty Jean Stalnaker Signature
Route 4, Box 36-13
Street or P. O. Box
Weston WV 26452
City State (Zip Code)
(304) 269-5038
Area Code Phone Number

(Certificate of Proof of Service to Purchaser)

Certified Mail

(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 _____ under the Natural Gas Policy Act of 1975 (NGPA); or 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 _____ day of _____, 19____ 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. _____

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 this information 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 fifteen (15) days, a hearing will not be held except on ex parte motion of the department and the matter will go to determination.

WEST VIRGINIA DEPARTMENT OF MINES

NOV 9 1981

Date received by
Jurisdictional Agency

Director _____
By J E Murray
Title _____ 05/03/2024

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

Date October 26, 1981

Operator's Well No. 2
API Well No. 47 - 085 - 5105
State County Permit

WELL CLASSIFICATION FORM
NEW ONSHORE PRODUCTION WELL
NGPA Section 103

DESIGNATED AGENT Betty Jean Stalnaker
ADDRESS Route 4, Box 36-13
Weston, WV 26452

WELL OPERATOR R.&S. Gas Company
ADDRESS Route 4, Box 36-13
Weston, WV 26452

LOCATION: Elevation 900'
Watershed Road Fork
Dist. Murphy County Ritchie Quad. Smithville 7.5

GAS PURCHASER Roaring Fork Gas Corp.
ADDRESS P. O. Box 3752
Charleston, WV 25337

Gas Purchase Contract No. RFI-502
Meter Chart Code N/A
Date of Contract 2/23/81

* * * * *

Date surface drilling was begun: August 1, 1981

Indicate the bottom hole pressure of the well and explain how this was calculated:

$BHP = P_w + P_w \left(\frac{e_{GL}}{53.34T} - 1 \right)$
Pw = 414 PSIA BHP = 437.54 PSIA
e = 2.71828
G = .782
L = 1980
T = 65+460=525

AFFIDAVIT

I, Betty Jean Stalnaker having been first sworn according to law state that surface drilling of the well for which this determination is sought was begun on or after February 19, 1977; the well satisfies applicable state or federal well spacing requirements and the well is not within a proration unit, in existence at the time surface drilling began, which was applicable to the reservoir from which gas is or will be produced and which applied to any other well producing gas in commercial quantities or on which surface drilling began on or after February 19, 1977, and which was capable of producing gas in commercial quantities. I state, further, that I have concluded, to the best of my information, knowledge and belief, that the well for which this determination is sought is a new onshore production well and that I am not aware of any information not described in the application which is inconsistent with this conclusion.

Betty Jean Stalnaker

STATE OF WEST VIRGINIA,
COUNTY OF State Wide TO WIT:

I, William R. Stalnaker Notary Public in and for the state and county aforesaid, do certify that Betty Jean Stalnaker whose name is signed to the writing above, bearing date the 26 day of October, 1981, has acknowledged the same before me, in my county aforesaid.

Given under my hand and official seal this 26 day of October, 1981.

My term of office expires on the 4 day of October, 1986.

[NOTARIAL SEAL]

William R. Stalnaker
Notary Public

05/03/2024

FERC-121

1.0 API well number: (If not available, leave blank. 14 digits.)	<u>47-085-251050000</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.)	<u>2100</u> feet												
4.0 Name, address and code number of applicant: (35 letters per line maximum. If code number not available, leave blank.)	<u>R. & S. Gas Company</u> <u>021548</u> Seller Code Name <u>Route 4, Box 36-13</u> Street <u>Weston</u> <u>WV</u> <u>26452</u> City State Zip Code												
5.0 Location of this well: [Complete (a) or (b).] (a) For onshore wells (35 letters maximum for field name.)	<u>Murphy District</u> Field Name <u>Ritchie</u> <u>WV</u> County State												
(b) For OCS wells:	<u>N/A</u> 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.)	<u>LeRoy McCallister No. 2</u>												
(d) If code 4 or 5 in 2.0 above, name of the reservoir: (35 letters maximum.)	<u>Big Injun</u>												
6.0 (a) Name and code number of the purchaser: (35 letters and digits maximum. If code number not available, leave blank.)	<u>Roaring Fork Gas Corporation</u> <u>039329</u> Name Buyer Code												
(b) Date of the contract:	<u>02, 23, 81</u> Mo. Day Yr.												
(c) Estimated annual production:	<u>8.0</u> MMcf.												
	<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:25%;">(a) Base Price (\$/MMBTU)</th> <th style="width:25%;">(b) Tax</th> <th style="width:25%;">(c) All Other Prices (Indicate +) or (-)</th> <th style="width:25%;">(d) Total of (a), (b) and (c)</th> </tr> </thead> <tbody> <tr> <td style="text-align:center;"><u>3.217</u></td> <td style="text-align:center;"><u>0.701</u></td> <td style="text-align:center;"><u>0.873</u></td> <td style="text-align:center;"><u>4.791</u></td> </tr> <tr> <td style="text-align:center;"><u>3.217</u></td> <td style="text-align:center;"><u>0.701</u></td> <td style="text-align:center;"><u>0.873</u></td> <td style="text-align:center;"><u>4.791</u></td> </tr> </tbody> </table>	(a) Base Price (\$/MMBTU)	(b) Tax	(c) All Other Prices (Indicate +) or (-)	(d) Total of (a), (b) and (c)	<u>3.217</u>	<u>0.701</u>	<u>0.873</u>	<u>4.791</u>	<u>3.217</u>	<u>0.701</u>	<u>0.873</u>	<u>4.791</u>
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<u>3.217</u>	<u>0.701</u>	<u>0.873</u>	<u>4.791</u>										
<u>3.217</u>	<u>0.701</u>	<u>0.873</u>	<u>4.791</u>										
7.0 Contract price: (As of filing date. Complete to 3 decimal places.)													
8.0 Maximum lawful rate: (As of filing date. Complete to 3 decimal places.)													
9.0 Person responsible for this application:	<u>Betty Jean Stalnaker</u> <u>Agent</u> Name Title <u>Betty Jean Stalnaker</u> Signature <u>February 1, 1982</u> Date Application is Completed <u>304-269-0503</u> Phone Number												

Agency Use Only

Date Received by Juris. Agency
FEB 10 1982

Date Received by FERC

304-269-0503
05/03/2024
Phone Number

JUN 7 1982

PARTICIPANTS:

DATE: _____

BUYER-SELLER CODE

WELL OPERATOR: R. + S. Gas Co.

021548

FIRST PURCHASER: Rearing Fork Gas Corp.

039329

OTHER: _____

REJECTED

W. Va. Department of Mines, Oil & Gas Division
 WELL DETERMINATION FILE NUMBER
020210-108-085-5105
 Use Above File Number on all Communications
 Relating to Determination of this Well

DEFERRED

T.L.

REJECTED

CHECK EACH ITEM AS COMPLETE OR NOTE WHAT IS MISSING

ITEM NO.

- 1. FERC -121 Items not completed - Line No. _____
- 2. IV-1 Agent Betty Jean Stalaker
- 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 1 years
- 8. IV-40 90 day Production 92 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: 8-1-81 Date completed 8-5-81 Deepened _____
- (5) Production Depth: 1964-96
- (5) Production Formation: Big Injun
- (5) Final Open Flow: 150 MCF
- (5) After Frac. R. P. 400# 48 hrs.
- (6) Other Gas Test: _____
- (7) Avg. Daily Gas from Annual Production: $\frac{6835}{365} = 18.7 \text{ MCF}_{\text{oil}} \mid \frac{2116}{365} = 5.8 \text{ BBL}$
- (8) Avg. Daily Gas from 90-day ending w/1-120 days $\frac{1648}{92} = 17.9 \text{ MCF}_{\text{oil}} \mid \frac{540}{92} = 5.9 \text{ BBL}$
- (8) Line Pressure: 36# PSIG from Daily Report
- (5) Oil Production: _____ 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: 05/03/2024
- Additional information _____ Does computer program confirm? _____
- Was Determination Objected to _____ By Whom? _____

15

STATE APPLICATION FOR WELL CLASSIFICATION

Previous File No. _____
(If Applicable)

WELL OPERATOR R. & S. Gas Company
ADDRESS Route 4, Box 36-13
Weston, WV 26452

DESIGNATED AGENT Betty Jean Stalnaker
ADDRESS Route 4, Box 36-13
Weston, WV 26452

Gas Purchase Contract No. RFI-502 and Date 02/23/81
Meter Chart Code N/A (Month, day and year)

Name of First Purchaser Roaring Fork Gas Corporation
P. O. Box 3752
Charleston WV 25337
(City) (State) (Zip Code)

FERC Seller Code 021548 FERC Buyer Code 039329

TYPE OF DETERMINATION BEING SOUGHT:

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

Betty Jean Stalnaker Agent
Name (Print) Title
Betty Jean Stalnaker
Signature
Route 4, Box 36-13
Street or P. O. Box
Weston WV 26452
City State (Zip Code)
304 269-5038
Area Code Phone Number

(Certificate of Proof of Service to Purchaser)

Certified Mail

(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 _____ under the Natural Gas Policy Act of 1975 (NGPA); or 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 108a(1)(B).

All interested parties are hereby notified that on the _____ day of _____, 19____, 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. _____

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 this evidence 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 fifteen (15) days, a hearing will not be held except on ex parte motion of the department and the matter will go to determination.

WEST VIRGINIA DEPARTMENT OF MINES

FEB 10 1982

Date received by
Jurisdictional Agency

By J E Huggins
Title _____ **05/03/2024**

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

Date February 1 19 82

Operator's Well No. 2

API Well No. 47 - 085 - 5105
State County Permit

WELL CLASSIFICATION FORM

STRIPPER GAS WELL

NGPA Section 108

DESIGNATED AGENT Betty Jean Stalnaker

ADDRESS Route 4, Box 36-13
Weston, WV 26452

WELL OPERATOR R. & S. Gas Co.
ADDRESS Rt. 4, Box 36-13
Weston, WV 26452

LOCATION: Elevation 900'

Watershed Road Fork

Dist. Murphy County Ritchie Quad. Smithville 7.5

GAS PURCHASER Roaring Fork Gas Corp.
ADDRESS P. O. Box 3752
Charleston, WV 25337

Gas Purchase Contract No. RFI-502

Meter Chart Code N/A

Date of Contract 02/23/81

* * * * *

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.)

Well was drilled, 4½" production pipe installed and cemented, hydrofractured, separator, 100 bbl. tank and production line installed in 1981.

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:

- Production Records
- Royalty Payments
- B. & O. Tax Records

Records are located at Sunset Acres, Weston, WV

Describe the search made of any records listed above:

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

Betty Jean Stalnaker 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 State Wide TO WIT:

I, William R. Stalnaker, Notary Public in and for the state and county aforesaid, do certify that Betty Jean Stalnaker name is signed to the writing above, bearing date the 1st day of February, 1982, has acknowledged the same before me, in my county aforesaid.

Given under my hand and official seal this 1st day of February, 1982

My term of office expires on the 4th day of October, 1986.

Notary Public

[NOTARIAL SEAL]

05/03/2024

IV-39-WC

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

REPORT OF MONTHLY PRODUCTION
GAS VOLUMES IN MCF @ 14.73
OIL, IN BARRELS @ 60 DEGREES

REPORT DATE

05/03/2024

8/2/82

YEAR 1981

OPERATOR
R. & S. Gas Co.
Rt. 4, Box 36-13
Weston, WV 26452

API 085-5105 FARM *LeRoy McCallister* COUNTY *Ritchie* AVG. FLOW PRESSURE

GAS MCF	OIL BBL	DAYS ON LINE	YEAR	AVG. FLOW PRESSURE	SHUT-IN PRESSURE	TOTALS
433	66	31	1981	36	N/A	3248
883	385	30				1029
587	264	31				153
808	83	30				
637	231	31				
TOTALS						

API 085-5105 FARM

GAS MCF	OIL BBL	DAYS ON LINE	YEAR	AVG. FLOW PRESSURE	SHUT-IN PRESSURE	TOTALS
625	174	38	1982	36	N/A	3787
558	173	31				1187
476	176	30				212
547	87	31				
553	174	30				
525	177	31				
TOTALS						

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.

Totals for year Gas 7035

Oil 2216

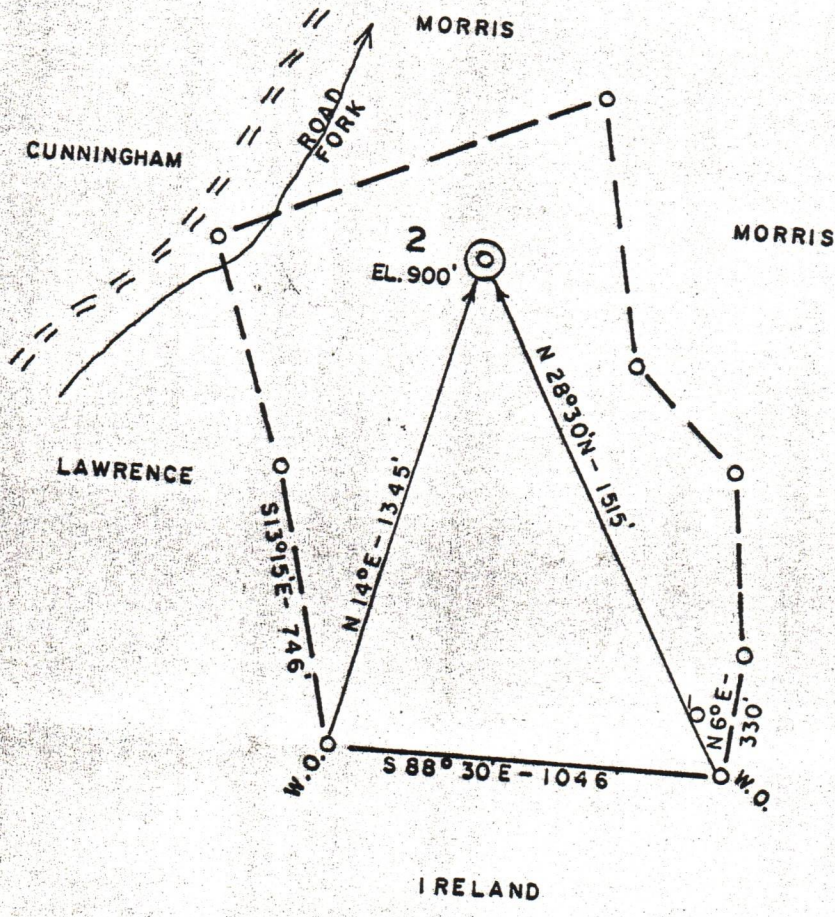
Days 365

API NUMBERS

APR 25 1982

Latitude 39° 02' 30" 3850' WEST

Longitude 81° 05' 00"

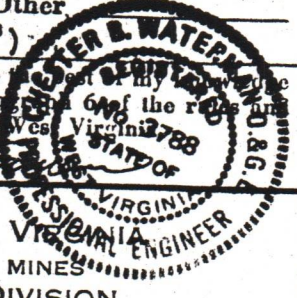


ACCURACY: 1/200

Well Location
 Drill Deeper
 Abandonment
 Structure
 Redrill
 Other

Formation BIG INJUN Oil
 Est. Depth 2000' Gas
 Other

Source of Elevation ROUTE 16 (1047')
 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 regulations of the oil and gas section of the mining laws of West Virginia.



Company R. & S. GAS COMPANY
 Address WESTON, WV
 Lease Owner LEROY MACALISTER
 Mineral Owner " "
 Well No. 2 Acres 38
 Depth 900'
 Township SMITHVILLE Series 7.5'
 County RITCHIE District MURPHY
 Date 2/16/81 Scale 1" = 500'

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION
 CHARLESTON 05/03/2024

WELL LOCATION MAP
47 - 085 - 5105
 STATE COUNTY PERMIT

+ Denotes location of well on United States Topographic Maps.
 Engineer CHET WATERMAN
 Engineer's Registration No. 3788 File No. 81-062