

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: 1090' Watershed: Leatherbark
 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

OIL & GAS ROYALTY OWNER Ray & Campbell Heirs
 Address c/o Bernard Ray
Smithville, WV 26178
 Acreage 135
 SURFACE OWNER Ray Heirs
 Address c/o Bernard Ray
Smithville, WV 26178
 Acreage 135

COAL OPERATOR None
 Address _____
 COAL OWNER(S) WITH DECLARATION ON RECORD:
 Name None
 Address _____
 Name _____
 Address _____

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

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

COAL LESSEE WITH DECLARATION ON RECORD
 Name None
 Address _____
 RECEIVED
 MAR 13 1981

OIL & GAS DIVISION
DEPT. OF MINES

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 18, 1976, to the undersigned well operator from Charles A. Welch et al
 [If said deed, lease, or other contract has been recorded:]

Recorded on April 1, 1976, in the office of the Clerk of the County Commission of Ritchie County, West Virginia, in Deed Book 280 at page 624. 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, Big Injun

Estimated depth of completed well, 2300 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

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'	<i>Surface</i>	Sizes
Coal									
Intermediate									
Production	4 1/2"		10.5	x			2300'	<i>Rule 15.0</i>	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-9, "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.

HIS 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 11-16-81.

[Signature]
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 § 22-4-22, 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 _____

Form IV-9
(01-80)



Date Feb. 24, 19 81
Well No. 5
API No. 47 - 085 - 5101
State County Permit

STATE OF WEST VIRGINIA
OFFICE OF OIL AND GAS

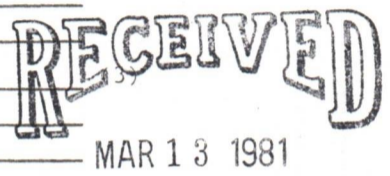
Company Name R. & S. Gas Company Designated Agent Betty Jean Stalnaker
Address Route 4, Box 36-13 Address Route 4, Box 36-13
Telephone 304-269-5038 Telephone 304-269-5038
Landowner Rhoda Ray Heirs Soil Cons. District Little Kanawha

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

This plan has been reviewed by Little Kanawha S.C.D. All corrections and additions become a part of this plan. 2-27-81 Jarrett Newlon
(Date) (S.C.D. Agent)

Access Road
Structure Culverts (A)
Spacing Min. Size 12"
Page Ref. Manual I-8
Structure Drainage Ditches (B)
Spacing _____
Page Ref. Manual I-11
Structure _____ (C)
Spacing _____
Page Ref. Manual _____

Location
Structure Diversion Ditches (1)
Material Earthen
Page Ref. Manual I-11/1:9
Structure Rip Rap (2)
Material Rock
Page Ref. Manual N/A
Structure _____
Material _____
Page Ref. Manual _____



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

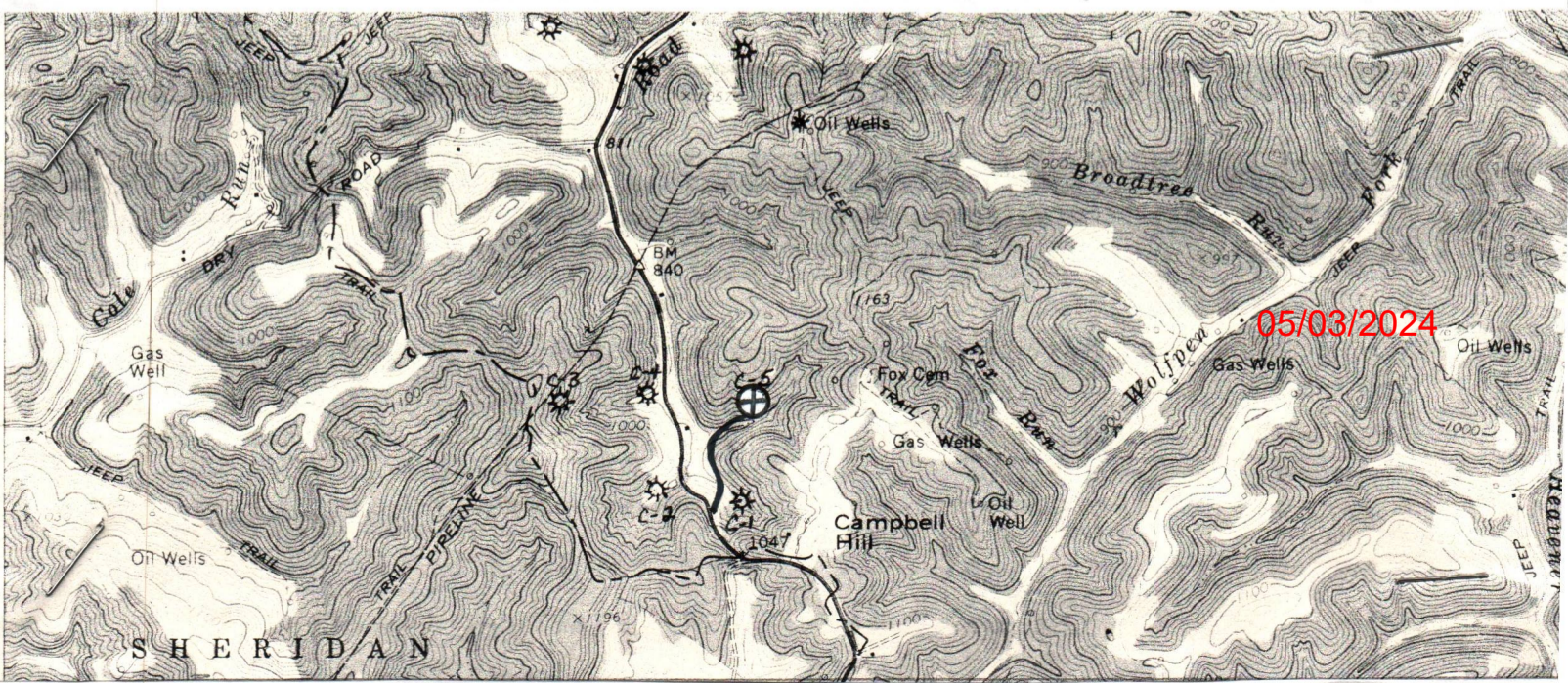
OIL & GAS DIVISION
DEPT. OF MINES

Treatment Area I				Treatment Area II			
Lime	_____	Tons/acre	or correct to pH <u>6.5</u>	Lime	_____	Tons/Acre	or correct to pH <u>6.5</u>
Fertilizer	<u>600</u>	lbs/acre	(10-20-20 or equivalent)	Fertilizer	<u>600</u>	lbs/acre	(10-20-20 or equivalent)
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	
	<u>Rye 10</u>	lbs/acre			<u>Rye 10</u>	lbs/acre	
		lbs/acre				lbs/acre	













*Inoculate all legumes such as vetch, trefoil and clovers with the proper bacterium. Inoculate with 3X recommended amount.

Attach or photocopy section of involved Topographic map. Quadrangle Smithville

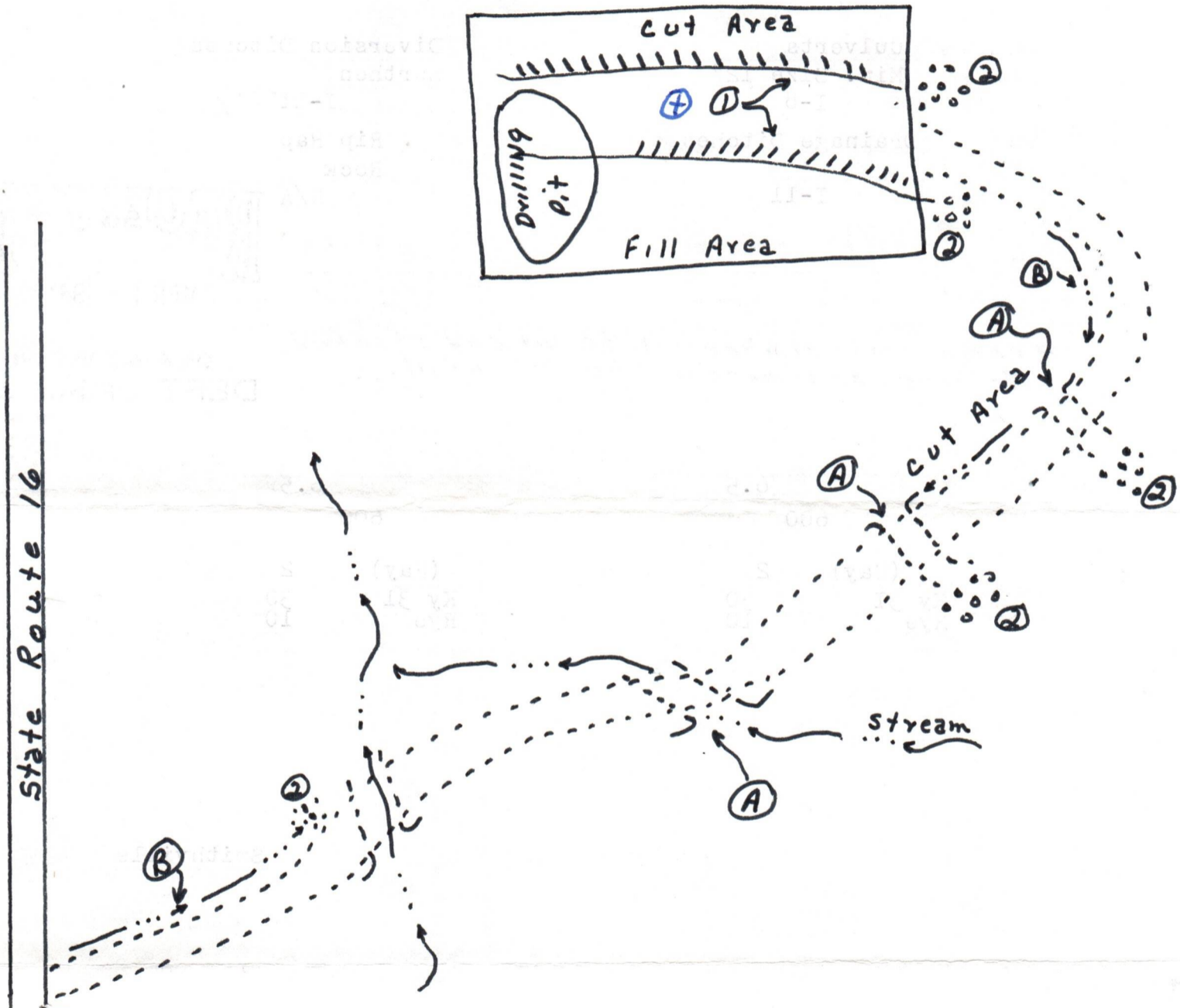
Legend: Well Site
 Access Road



Well Site Plan

- Legend:
- Property Boundry 
 - Diversion 
 - Road 
 - Spring 
 - Existing Fence 
 - Wet Spot 
 - Planned Fence 
 - Building 
 - Stream 
 - Drain Pipe 
 - Open Ditch 
 - 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 4, 19 81

FORM IV-35
(Obverse)

Operator's
Well No. 5

[08-78]

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

API Well No. 47 - 085 - 510
State County Permi

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

LOCATION: Elevation: 1090 Watershed: Leatherbark
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 Weston, WV 26452 Address Route 4, Box 36-13 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 16, 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 2255 feet

Depth of completed well, 2255 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 June 30, 19 81, and completed July 23, 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	<input checked="" type="checkbox"/>		218	218	60 Sacks	To surface
Coal									Sizes
Intermediate									
Production	4½"		10.5	<input checked="" type="checkbox"/>			2248	80 Sacks	Depths set
Tubing									
Liners									Perforations:
									Top Bottom
									2166 2176

OPEN FLOW DATA

Producing formation Big Injun Pay zone depth 2166-76 feet

Gas: Initial open flow, 100 Mcf/d Oil: Initial open flow, Show Bbl/d

Final open flow, 100 Mcf/d Final open flow, One Bbl/d

Time of open flow between initial and final tests, 24 hours

Static rock pressure, 230 psig (surface measurement) after 48 hours shut in

[If applicable due to multiple completion--]

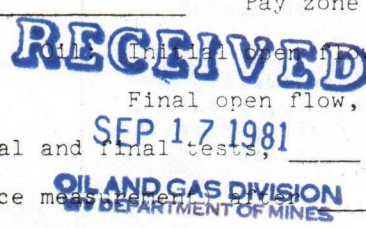
Second producing formation _____ Pay zone depth _____ feet

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 2166-76 with 9 - .39" holes.

Well was fractured with 665 barrels of water and 50,000 pounds of sand. Formation broke down at 2100 psi and treated at an average pressure of 2565 psi.

WELL LOG

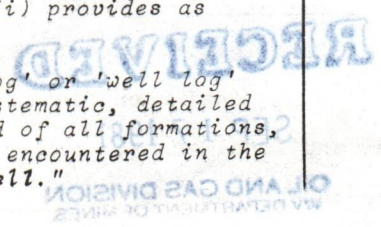
FORMATION	Color	Hard or Soft	Top Feet	Bottom Feet	Remarks Including indication of all fresh and salt water, coal, oil and gas
Slate & shale			0	1300	
Shale			1300	1330	
Salt Sand			1330	1348	
Sandy Shale			1348	1360	
Salt Sand			1360	1426	
Red Rock			1426	1456	
Salt Sand			1456	1548	
Shaley Sand			1548	1714	
Shale			1714	1826	
Sand & Shale			1826	1862	
Shale			1862	1946	
Maxon Sand			1946	1957	
Little Lime			1957	1990	
Pencil Cave			1990	2010	
Lime			2010	2020	
Blue Monday Sand			2020	2028	
Big Lime			2028	2146	
Big Injun Sand			2146	2188	
Shale			2188	2230	
Squaw Sand			2230	2240	
Shale			2240	2255	
Total Depth			2255		

(Attach separate sheets to complete as necessary)

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

By Betty Jean Stalaker
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. 5
Farm Elizabeth Campbell
API No. 47 - 085 - 5101

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: 1090 Watershed Leatherbark
District: Murphy County Ritchie Quadrangle Smithville

~~Rosalie 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 Ray Heirs c/o Bernard Ray
ADDRESS Smithville, WV 26178
MINERAL RIGHTS OWNER Ray & Campbell Heirs
ADDRESS c/o Bernard Ray, Sithville, WV
OIL AND GAS INSPECTOR FOR THIS WORK K. Paul Goodnight ADDRESS Smithville, WV
PERMIT ISSUED March 16, 1981
DRILLING COMMENCED June 30, 1981
DRILLING COMPLETED July 23, 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	218	218	To surface
7			
5 1/2			
4 1/2		2248	80 sacks
3			
2			
Liners used			

GEOLOGICAL TARGET FORMATION Big Injun Depth 2176 feet
Depth of completed well 2255 feet Rotary / Cable Tools _____
Water strata depth: Fresh 181 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 2166-76 feet
Gas: Initial open flow 100 Mcf/d Oil: Initial open flow Show Bbl/d
Final open flow 100 Mcf/d Final open flow 1 Bbl/d
Time of open flow between initial and final tests 24 hours
Static rock pressure 230 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 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

05/03/2024

(Continue on reverse side)

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

Perforated at 2166-76 with 9 - .39" holes.

Well was fractured with 665 barrels of water and 50,000 pounds of sand. Formation broke down at 2100 psi and treated at an average pressure of 2565 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	16	
Sand			16	75	
Slate			75	100	
Sand			100	141	
Red Rock			141	185	Fresh Water
Slate			185	270	
Red Rock			270	365	
Slate			365	440	
Red Rock			440	475	
Slate			475	545	
Red Rock			545	564	
Slate			564	675	
Red Rock			675	765	
Slate			765	811	
Red Rock			811	831	
Sand			831	882	
Slate			882	961	
Red Rock			961	985	
Lime			981	1005	
Sand			1005	1037	
Slate			1037	1080	
Sand			1080	1100	
Slate			1100	1165	
Sand			1165	1180	
Slate			1180	1300	
Slate & shale			1300	1330	
Salt Sand			1330	1348	
Sandy Shale			1348	1360	
Salt Sand			1360	1426	
Red Rock			1426	1456	
Salt Sand			1456	1548	
Shaley Sand			1548	1714	
Shale			1714	1826	
Sand & Shale			1826	1862	
Shale			1862	1946	
Maxon Sand			1946	1957	
Little Lime			1957	1990	

(Attach separate sheets as necessary)

Well Operator _____

By: _____

Date: _____

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."

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

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS Including indication of all fresh and salt water, coal, oil and gas
Pencil Cave			1990	2010	
Lime			2010	2020	
Blue Monday Sand			2020	2028	
Big Lime			2028	2146	
Big Injun Sand			2146	2188	
Shale			2188	2230	
Squaw Sand			2230	2240	
Shale			2240	2255	
Total Depth			2255		

(Attach separate sheets as necessary)

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

By: Betty Jean Stalnaker, Agent

Date: April 6, 1982 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."

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

RECEIVED

JUL - 7 1981

INSPECTOR'S WELL REPORT

OIL & GAS DIVISION
 DEPT. OF MINES

Permit No. Rit-5101

Oil or Gas Well _____
 KIND _____

Company	CASING AND TUBING	USED IN DRILLING	Left in Well	PACKERS
<u>R. S. Gas Co</u>				
Address _____	Size			
Farm <u>Campbell</u>	16 _____			Kind of Packer _____
Well No. <u>5</u>	13 _____			
District <u>Murphy</u> County <u>Ritchie</u>	10 _____			Size of _____
Drilling commenced <u>6-30-81</u>	8 1/4 <u>8 5/8</u>		<u>2/16</u>	
Drilling completed _____ Total depth _____	6 3/4 _____			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 _____
Block pressure _____ lbs. _____ hrs.				Perf. bottom _____
Oil _____ bbls., 1st 24 hrs.	CASING CEMENTED <u>8 5/8</u> SIZE <u>2/16</u> No. FT. _____ Date _____			
Fresh water _____ feet _____ feet	<u>Com to Surface</u> <u>60 SKS</u>			
Salt water _____ feet _____ feet	NAME OF SERVICE COMPANY <u>Dowell</u>			
	COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			

Drillers' Names HUFFMAN - (T.P.)

Both - Gene Stalwater Inc Rotary - Fluid

Remarks:

Surface Log

7-1-81
 DATE

[Signature] 505
 DISTRICT SUPERVISOR
 05/03/2024

STATE OF TEXAS
DEPARTMENT OF MINES

OIL AND GAS WELLS DIVISION

INSPECTOR'S PLUGGING REPORT

Permit No. _____ Well No. _____

COMPANY _____ ADDRESS _____

FARM _____ DISTRICT _____ COUNTY _____

Filling Material Used _____

Liner	Location	Amount	Packer	Location
-------	----------	--------	--------	----------

PLUGS USED AND DEPTH PLACED			BRIDGES	CASING AND TUBING		
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LOCATION	RECOVERED	SIZE	LOST

Drillers' Names _____

Remarks: _____

_____ hereby certify I visited the _____ well on this date
DATE

DISTRICT WELL INSPECTOR
05/03/2024

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

RECEIVED

JUL 24 1981

INSPECTOR'S WELL REPORT

OIL & GAS DIVISION
 DEPT. OF MINES
 OFFICE OF GAS WELLS

Permit No. R.T-5101

Company	CASING AND TUBING	USED IN DRILLING	Left in Well	PACKERS
<u>R. S. Gas Co.</u>				
Address	Size			
<u>Campbell</u>	16			Kind of Packer
Well No. <u>5</u>	13			Size of
District <u>Murphy</u> County <u>Ritchie</u>	10			Size of
Drilling commenced <u>6-30-81</u>	8 1/4 <u>8 5/8</u>		<u>216</u>	Depth set
Drilling completed	6 3/4			Depth set
Date shot	5 3/16			Perf. top
Initial open flow	3			Perf. bottom
Open flow after tubing	2			Perf. top
Volume	Liners Used			Perf. bottom
Rock pressure				
Oil	CASING CEMENTED <u>8 5/8</u> SIZE <u>216</u> No. FT. _____ Date _____			
Fresh water	NAME OF SERVICE COMPANY <u>Com to Superior</u>			
Salt water	<u>Donell</u>			
	COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			

Drillers' Names HUFFMAN - (J.P.)
Conth - Gene Stolnaker Inc Roby - Fluid
 Remarks:

July - 1650'

7-21-81
 DATE

Woodright 505
 DIRECTOR
 05/03/2024

DEPARTMENT OF MINES

OIL AND GAS WELLS DIVISION

INSPECTOR'S PLUGGING REPORT

Permit No. _____

Well No. _____

COMPANY _____ ADDRESS _____

FARM _____ DISTRICT _____ COUNTY _____

Filling Material Used _____

Liner	Location		Amount	Packer	Location				
	PLUGS USED AND DEPTH PLACED		LEAD	BRIDGES	CASING AND TUBING				
	CEMENT-THICKNESS	WOOD-SIZE			RECOVERED	SIZE	LOST		

Drillers' Names _____

Remarks: _____

I hereby certify I visited the _____ well on this date

DATE

05/03/2024 INSPECTOR



RECEIVED
MAY 3 1 1985

OIL & GAS DIVISION
DEPT. OF MINES

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

FINAL INSPECTION REPORT
INSPECTORS COMPLIANCE REPORT

COMPANY R+S GAS CO.
WESTON, WV

PERMIT NO 47-085-5101
FARM & WELL NO RAY + CAMPBELL HEIRS
WELL # 5
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

RECEIVED

NOV 9 1981

FERC-121

OIL & GAS DIVISION

DEPT. OF MINES

47-085-25101000

1.0 API well number:
(If not available, leave blank. 14 digits.)

2.0 Type of determination being sought:
(Use the codes found on the front
of this form.)

103
Section of NGPA

Category Code

3.0 Depth of the deepest completion
location: (Only needed if sections 103
or 107 in 2.0 above.)

2248 feet

4.0 Name, address and code number of
applicant: (35 letters per line
maximum. If code number not
available, leave blank.)

R. & S. Gas Company
Name
Route 4, Box 36-13
Street
Weston WV 26452
City State Zip Code
021548
Seller Code

5.0 Location of this well: (Complete (a)
or (b).)
(a) For onshore wells
(35 letters maximum for field
name.)

Murphy District
Field Name
Ritchie WV
County State

(b) For OCS wells:

N/A
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.)

Elizabeth Campbell No. 5

(d) If code 4 or 5 in 2.0 above, name
of the reservoir: (35 letters
maximum.)

Big Injun

6.0 (a) Name and code number of the
purchaser: (35 letters and digits
maximum. If code number not
available, leave blank.)

Cabot Corporation
Name 002733
Buyer Code

(b) Date of the contract:

05 29 81
Mo. Day Yr.

(c) Estimated annual production:

10.0 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.)	2.514	1.451	---	3.965
8.0 Maximum lawful rate: (As of filing date. Complete to 3 decimal places.)	2.514	1.451	---	3.965

9.0 Person responsible for this application:

Betty Jean Stalnaker Agent
Name Title
Betty Jean Stalnaker
Signature
October 26, 1981 304-269-5038
Date Application is Completed Phone Number

Agency Use Only

Date Received by Juris. Agency

NOV 9 1981

Date Received by FERC

05/03/2024

STATE OF TEXAS
COUNTY OF [illegible]

[Faint, mostly illegible text, possibly a deed or contract, with some handwritten notes and signatures.]

05/03/2024

PARTICIPANTS:

DATE:

MAR 22 1982

BUYER-SELLER COD

WELL OPERATOR:

R. + S. Gas Company

021548

FIRST PURCHASER:

Cabot Corp.

002733

OTHER:

W. Va. Department of Mines, Oil & Gas Division
 WELL DETERMINATION FILE NUMBER
811109 .103.085: 5101
 Use Above File Number on all Communications
 Relating to Determination of this Well

OK map 1000'

085-4265 = 2000'
 085-4737 = 1000'
 085-0870-F = 1750'

Deferred for complete well record
Judicious *J. H. Huggins*

085-0360-F = 1000'
 085-1574 = 1000'

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 STALWAKER
- 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: 6-30-81 Date completed 7-23-81 Deepened
- (5) Production Depth: 2166-76
- (5) Production Formation: Big Injun
- (5) Final Open Flow: 100 MCF
- (5) After Frac. R. P. 230# 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 Rep.
- (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? MS
- Additional information _____ Does computer program confirm? _____
- Was Determination Objected to _____ By Whom? _____

05/03/2024

5

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

Date October 26, 19 81

Operator's Well No. 5

API Well No. 47 - 085 - 5101
State County Permit

STATE APPLICATION FOR WELL CLASSIFICATION

Previous File No. _____
(If Applicable)

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

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

Gas Purchase Contract No. 1-107 and Date 05 29 31
Meter Chart Code N/A (Month, day and year)

Name of First Purchaser Cabot Corporation
P. O. Box 1473
Charleston WV 25325
(City) (State) (Zip Code)

FERC Seller Code 021548 FERC Buyer Code 002733

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 1976. (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 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

NOV 9 1981

J. E. Murray
Director

Date received by
Jurisdictional Agency

By _____
Title _____

05/03/2024

Date October 26, 1981

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

Operator's Well No. 5

API Well No. 47 - 085 - 5101
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 Rt. 4, Box 36-13
Weston, WV 26452

LOCATION: Elevation 1090'

Watershed Leatherbark

Dist. Murphy County Ritchie Quad. Smithville 7.

GAS PURCHASER Cabot Corporation

ADDRESS P. O. Box 1473
Charleston, WV 25325

Gas Purchase Contract No. 1-107

Meter Chart Code N/A

Date of Contract 5/29/31

* * * * *

Date surface drilling was begun: June 30, 1981

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

$$BHP = P_w + P_w(e^{GL/53.34T} - 1)$$

$P_w = 414 \text{ PSIA}$ $BHP = 439.47 \text{ PSIA}$
 $e = 2.71828$
 $G = .770$
 $L = 2171$
 $T = 65 + 460 = 525$

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

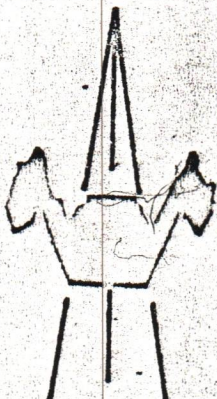
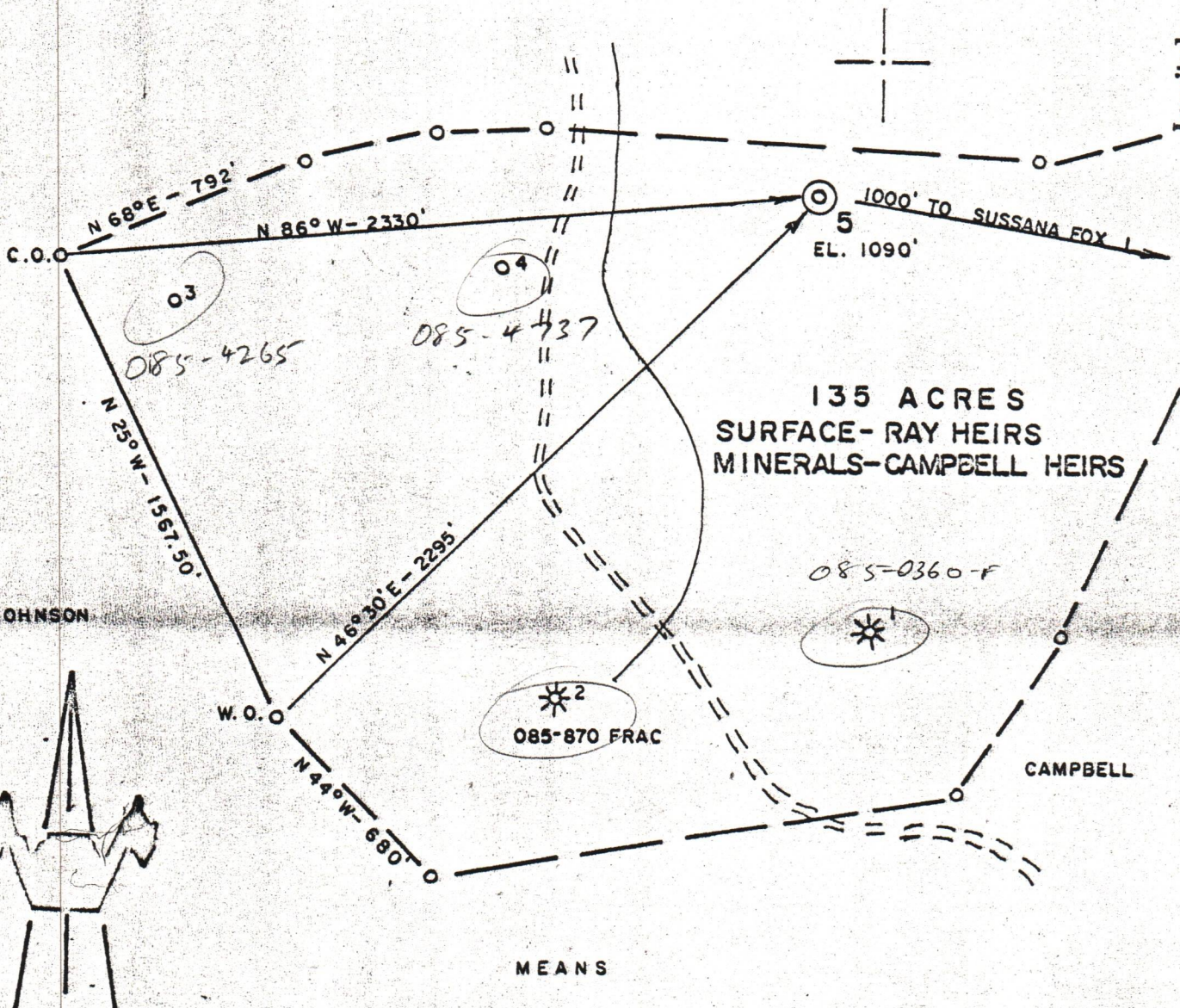
05/03/2024

3950' WEST

Latitude 39° 02' 30"

Longitude 81° 05' 00"

IRELAND



ACCURACY: 1/200

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

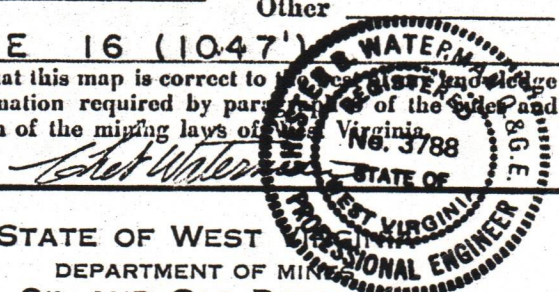
Formation BIG INJUN

Est. Depth 2000'

- Oil
- 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 1 of the Code and regulations of the oil and gas section of the mining laws of the State of West Virginia.



Company	<u>R. & S. GAS COMPANY</u>		
Address	<u>WESTON, WV</u>		
Surface Owner	<u>RAY HEIRS</u>		
Mineral Owner	<u>CAMPBELL HEIRS</u>		
Well No.	<u>5</u>	Acres	<u>135</u>
Elevation	<u>1090'</u>		
Quadrangle	<u>SMITHVILLE</u>	Series	<u>7.5'</u>
County	<u>RITCHIE</u>	District	<u>MURPHY</u>
Date	<u>2/16/81</u>	Scale	<u>1" = 500'</u>

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

WELL LOCATION MAP

47 - 085 - 05/03/2024
 STATE COUNTY PERMIT

+ Denotes location of well on United States Topographic Maps.
 Engineer: CHET WATERMAN
 Engineer's Registration No. 3788 File No. 81-061