

Partial - 5-16-74

- New Location
- Drill Deeper
- Redrill
- Abandonment

"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."

Company Beardslee Oil & Gas
 Address Charleston, W. Va.
 Farm Jackie Coon
 Tract _____ Acres 253.1 Lease No. _____
 Well (Farm) No. 1 Serial No. _____
 Elevation (Spirit Level) 743.72
 Quadrangle CHARLESTON NC
 County Kanawha District Boca
 Engineer Arthur J. Parks
 Engineer's Registration No. 1530
 File No. S-407 Drawing No. _____
 Date Feb. 3, 1968 Scale 1" = 400'

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

WELL LOCATION MAP

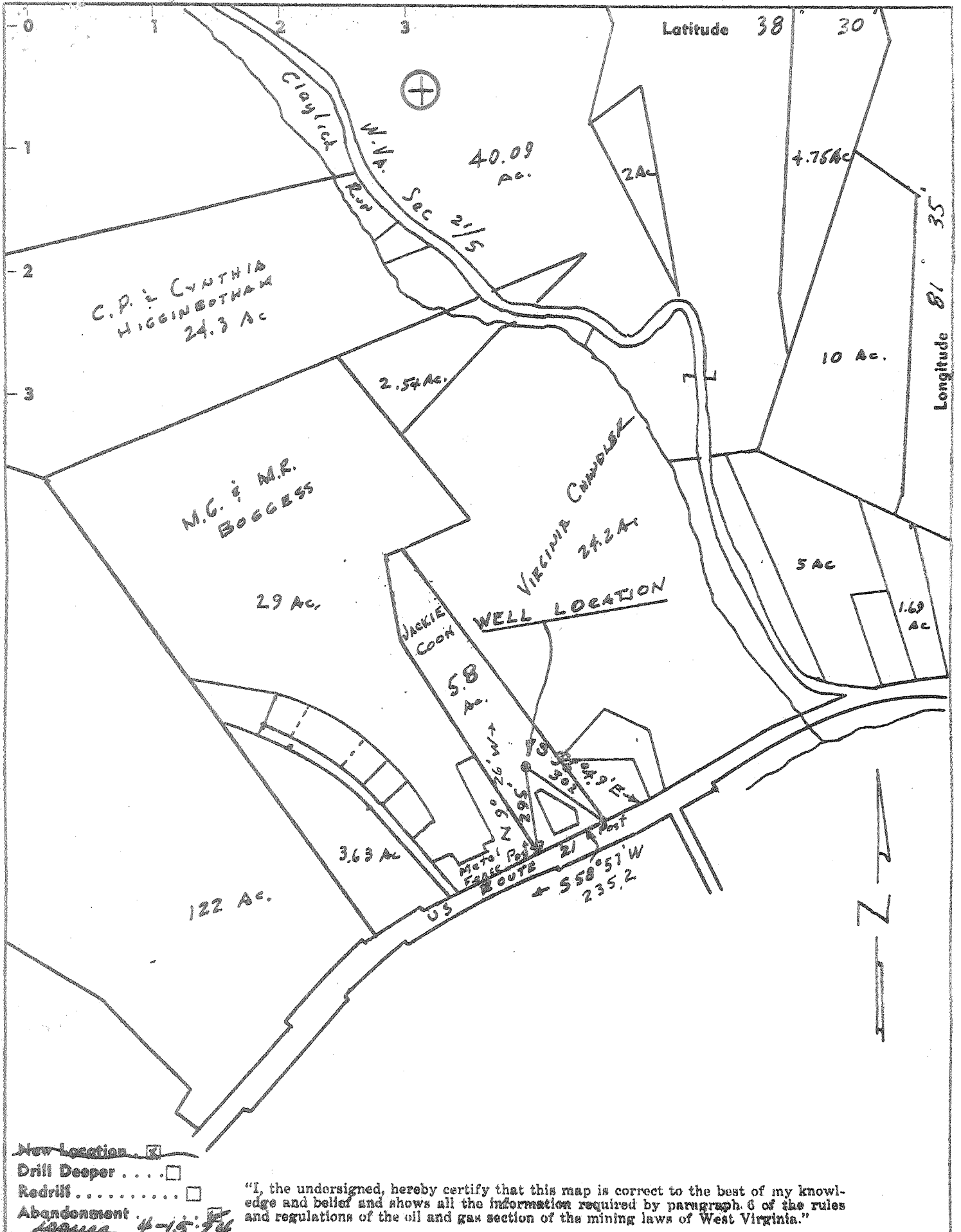
FILE NO. KAN-2221-P-PP

Plugging Cancelled

+ 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.

47-039



New Location
 Drill Deeper
 Redrill
 Abandonment
Issued 4-15-76

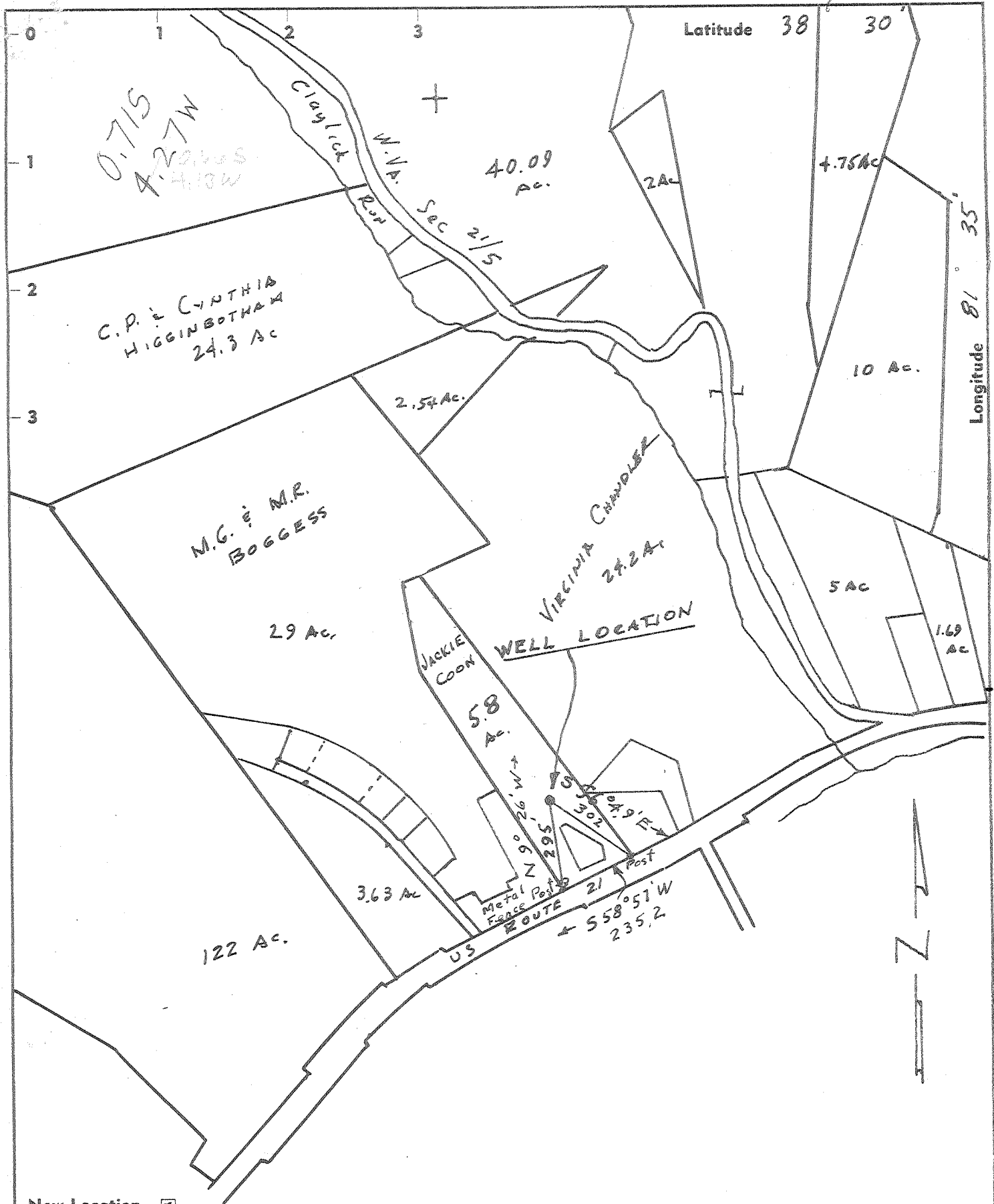
"I, the undersigned, hereby certify that this map is correct to the best of my knowledge and belief and shows all the information required by paragraph 6 of the rules and regulations of the oil and gas section of the mining laws of West Virginia."

Company STONEBRIAR LAND CO
 Address Kanawha Valley Bank Bldg
 Form JACKIE COOK
 Tract _____ Acres 253.1 Lease No. _____
 Well (Farm) No. 1 Serial No. _____
 Elevation (Spirit Level) 743.72
 Quadrangle CHARLESTON NC
 County KANAWHA District BOCA
 Engineer [Signature]
 Engineer's Registration No. 1530
 File No. S-907 Drawing No. F
 Date Feb. 2, 1968 Scale 1" = 400'

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION
 CHARLESTON
WELL LOCATION MAP
 FILE NO. KAN-2221-P

+ Denotes location of well on United States Topographic Maps, scale 1 to 62,500, latitude and longitude lines being represented by border lines as shown.
 - Denotes one inch spaces on border line of original tracing.
47-039

Deep Well



- New Location .
- Drill Deeper
- Redrill
- Abandonment

"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."

Company STONE STREET LAND CO
 Address Kanawha Valley Bank Bldg
 Farm JACKIE COON
 Tract _____ Acres 253.1 Lease No. _____
 Well (Farm) No. _____ Serial No. _____
 Elevation (Spirit Level) 743.72
 Quadrangle CHARLESTON NC
 County KANAWHA District BOCA
 Engineer Arthur J. Parks
 Engineer's Registration No. 1530
 File No. S 407 Drawing No. F
 Date Feb. 3, 1968 Scale 1" = 400'

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

WELL LOCATION MAP
 FILE NO. KAN-2221

+ 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.

66-31-2 Deep Well (Newburg)



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION 5

Rotary
Spudder
Cable Tools
Storage

Quadrangle Charleston
Permit No. Kan-2221

WELL RECORD

Oil or Gas Well Gas
(KIND)

Company Stonestreet Lands Company
Address Box 350, Spencer, W. Va.
Farm Jackie Coon Acres 253.1
Location (waters) Tuppers Creek
Well No. 1 Elev. 743.72'
District Poca County Kanawha
The surface of tract is owned in fee by Harley Coon, et als
Rt. 1, Box 114 Address Churchville, Va.
Mineral rights are owned by Same
Address _____
Drilling commenced 3-7-68
Drilling completed 3-20-68
Date Shot NA From _____ To _____
With _____

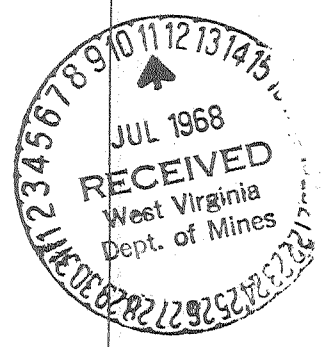
Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13	273'	273'	
10			Size of
8 1/4	1774'	1774'	
6 3/4			Depth set
5 3/4	1/2 5500'	5500'	
4 1/2			
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

Open Flow /10ths Water in _____ Inch
/10ths Merc. in _____ Inch
Volume _____ Cu. Ft.
Rock Pressure _____ lbs. _____ hrs.
Oil _____ bbls., 1st 24 hrs.
WELL ACIDIZED (DETAILS) No

Attach copy of cementing record.
CASING CEMENTED _____ SIZE _____ No. Ft. _____ Date _____
Amount of cement used (bags) See Attached Record
Name of Service Co. _____
COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES
_____ FEET _____ INCHES FEET _____ INCHES
_____ FEET _____ INCHES FEET _____ INCHES

WELL FRACTURED (DETAILS) Yes, 12,000 lb. sand, 500 gal. acid, 800 bbl. water
RESULT AFTER TREATMENT (Initial open Flow or bbls.) 35,000 ^{MCF} cu. ft.
ROCK PRESSURE AFTER TREATMENT 2195 lbs. HOURS 24 hrs.
Fresh Water 80 Feet _____ Salt Water Holefull Feet 1200'
Producing Sand Newburg Depth 5570-5574

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
DRILLED BY CABLE TOOLS							
Surface				3			
R. Rock			3	12			
Slate			12	25			
R. Rock			25	43			
Slate			43	72			
Sand			72	121			
Slate			121	140			
R. Rock			140	175			
Slate			175	225			
Sand			225	240			
Slate			240	300			
R. Rock			300	325			
Slate & R. Rock			325	500			
Sand			500	545			
Slate & R. Rock			545	700			
Sand			700	885			
Slate			885	915			
Sand			915	980			
Slate & Shells			980	1200			
Salt Sand			1200	1490			
Lime <u>L.H.L.</u>			1490	1520			
Big Lime			1520	1695			
Sand <u>Iron</u>			1695	1630			
Slate & Shells			1630	1774			



(See Back)

Formation	Color	Hard or Soft	Top ^S	Bottom	Oil, Gas or Water	Depth Found	Remarks
DRILLED BY ROTARY							
Corniferous Lime Newburg			4698 5569	4780 5581	gas 5570-74		
Total Depth				5581			

Date July 8, 1968

APPROVED Stonestreet Lands Company, Owner

By Peggy Heroman
(Title) Secretary



IV-35
(Rev 8-81)

RECORDED
ENERGY

APR 20 1987

State of West Virginia
Department of Mines
Oil and Gas Division

Date March 5, 1982
Operator's Well No. #1
Farm Orpha Coon
API No. 47 - 039 - 2221

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

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

LOCATION: Elevation: 743.72 Watershed Tuppers Creek
District: Union County Kanawha Quadrangle Pocatalico 7.5

COMPANY Burdette Oil & Gas Co., Inc.
ADDRESS P. O. Box 10167 Sta. "C" Chas., WV 25312
DESIGNATED AGENT Michael A. Burdette
ADDRESS 5121 Big Tyler Rd., Chas., WV 25313
SURFACE OWNER James Bazzle
ADDRESS Edgewood Dr., Charleston, WV
MINERAL RIGHTS OWNER Orpha Coon
ADDRESS 6407 Bobby's Dr., Charleston, WV
OIL AND GAS INSPECTOR FOR THIS WORK Martin Nichols
ADDRESS Box 554 Clendenin, WV

Casing & Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft.
Size 20-16 Cond.			
13-10"	273	273	Surface
9 5/8			
8 5/8	1774	1774	Surface
7			
5 1/2			
4 1/2			
3			
2 7/8	4960	4960	Back to 3970
Liners used			

PERMIT ISSUED 1-11-82 for clean-out & frac
DRILLING COMMENCED 3-7-68
DRILLING COMPLETED 3-20-68 *orig spoole complet*

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

GEOLOGICAL TARGET FORMATION Brown Shale Depth 2138-3970
Oriskany Depth 4862 feet
Depth of completed well 4967 feet Rotary X / Cable Tools _____
Water strata depth: Fresh 80 feet; Salt 1200 feet
Coal seam depths: _____ Is coal being mined in the area? No

OPEN FLOW DATA
Producing formation Devonian Shale Pay zone depth 2138-3970 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 800 psig (surface measurement) after 72 hours shut in
(If applicable due to multiple completion--)
Second producing formation Oriskany Pay zone depth 4838-4862 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 00 psig (surface measurement) after 72 hours shut in

(Continue on reverse side)

MAY 04 1987

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

Devonian Shale: Will be Nitrogen fractured open hole down annulus and produced from annulus also. Has been broken down with 200,000 cubic feet of Nitrogen.

Oriskany: Perforated with 25 holes from 4838' to 4862'. Broke down with 2500 galon of 28% HCL and 180,000 cubic feet of Nitrogen.

Pressure found to be somewhat depleted. Cement top outside 2 7/8 is 3962'. Pipe to be retrieved and plug set at 3950' leaving the Devonian Brown Shale to be produced.

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS
					Including indication of all fresh and salt water, coal, oil and gas
Surface			0	3	
R. Rock			3	12	
Slate			12	25	
R. Rock			25	43	
Slate			43	72	
Sand			72	121	
Slate			121	140	
R. Rock			140	175	
Slate			175	225	
Sand			225	240	
Slate			240	300	
R. Rock			300	325	
Slate & R. Rock			325	500	
Sand			500	545	
Slate & R. Rock			545	700	
Sand			700	885	
Slate			885	915	
Sand			915	980	
Slate & Shales			980	1200	
Salt Sand			1200	1490	Salt Water
Lime			1490	1520	
Big Lime			1520	1695	
Sand			1695	1730	
Slate & Shales			1730	1774	
Shale			1774	2086	
Coffee Shale			2086	2124	
Berea Sand			2124	2138	
Shale			2138	4732	Show of gas
Corniferous Lime			4732	4838	
Oriskany			4838	4862	
^{Present} Total Depth				4967	

(Attach separate sheets as necessary)

Burdette Oil & Gas Co., Inc.
Well Operator

By: Michael A. Burdette

Date: March 5, 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."



Well No. _____
Farm Orpha P Coon
API # 47 - 039 - 2221-FRAC.
Date January 4, 1982

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

OIL AND GAS WELL PERMIT APPLICATION

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

LOCATION: Elevation: 743'72 Watershed: Tappara Creek
District: Poca County: Ranawix Quadrangle: Pocatalico 7.5'

WELL OPERATOR Burdette Oil & Gas Co., Inc. DESIGNATED AGENT Michael A. Burdette
Address P. O. Box 10167, Station Address Charleston, W.Va.
Charleston, W.Va. 25312

OIL AND GAS ROYALTY OWNER Orpha P. Coon COAL OPERATOR _____
Address _____ Address _____

Acreage 253.1

SURFACE OWNER _____ COAL OWNER(S) WITH DECLARATION ON RECORD:
Address _____ NAME _____
Acreage _____ Address _____

FIELD SALE (IF MADE) TO:
NAME Roaring Fork Gas Corp.
Address O, I, Box 3752
Charleston, W.Va. 25317
COAL LESSEE WITH DECLARATION ON RECORD:
NAME _____
Address _____

OIL AND GAS INSPECTOR TO BE NOTIFIED:
NAME Martin Nichols
Address P. O. Box 554
Claendenin, W.Va. 25045
Telephone 548-6993

RECEIVED

JAN 7 - 1982

OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

The undersigned well operator is entitled to operate for oil or gas purposes at the above location under a deed ___ / lease X / other contract ___ / dated _____, 19___, to the undersigned well operator from Orpha P. Coon.

(If said deed, lease, or other contract has been recorded:)

Recorded on _____, 19___, in the office of the Clerk of County Commission of _____ County, West Virginia, in _____ Book at page _____. 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) well is already open to the ordinary, and will be closed out in order to fracture it.

--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 receipt of this Application by the Dept. 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 lessees on or before the day of the mailing or delivery of this 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
1613 WASHINGTON ST., E.
CHARLESTON, WV 25311
Telephone - 304/348-3092

Burdette Oil & Gas Co., Inc.

Well Operator

By: Michael A. Burdette

Its: Executive Vice President

BLANKET BOND

(Revised 3-81)

PROPOSED WORK ORDER

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

DRILLING CONTRACTOR (IF KNOWN) Burdette Drilling Co.
Address Charleston, W.Va.

GEOLOGICAL TARGET FORMATION Oriskany
Estimated depth of completed well 4900 feet. Rotary / Cable tools /
Approximate water strata depths: Fresh, 80 feet; salt, 1200 feet.
Approximate coal seam depths: _____
Is coal being mined in this area: Yes / No /

CASING OR TUBING TYPE	SPECIFICATIONS					FOOTAGE INTERVALS		CEMENT FILL- UP OR SACKS Cubic ft.	PACKERS
	Size	Grade	Weight per ft	New	Used	For Drill- ling	Left in Well		
Conductor	13"			<input checked="" type="checkbox"/>			272'	To surface	Sizes
Fresh water									
Coal									Depths set
Intermed. Production	8-5/8"			<input checked="" type="checkbox"/>			1774'	To surface	
Tubing	2-3/8"			<input checked="" type="checkbox"/>			4900'		
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 §22-4-5, (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 §22-4-8a 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 conditions being in accordance with Chapter 22, of the W. Va. Code, the location is hereby approved for fracturing. This permit shall expire if operations have not commenced by 9-11-82.

[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 §22-4-20, 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 regularions.

Date: _____, 19____.

By: _____

Its: _____