9/23/68 CEN

FORM OG 1

A-1

WELL RECORD, FORM OG-10, MUST BE SUBMITTED TO OBTAIN RELEASE OF WELL UNDER BOND.

STATE OF WEST VIRGINIA

DEPARTMENT OF MINES

OIL AND GAS DIVISION

NOTICE OF PROPOSED LOCATION OF OIL AND GAS WELL

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

None
COAL OPERATOR OR COAL OWNER

ADDRESS

None
COAL OPERATOR OR COAL OWNER

ADDRESS

B. F. Heck et.al.
OWNER OF MINERAL RIGHTS

Parkersburg, W. Va.
ADDRESS

Jet Oil Company
NAME OF WELL OPERATOR

2225 Prudential Plaza, Chicago, Ill.
COMPLETE ADDRESS

September 17, 19 68
PROPOSED LOCATION

Reedy District

Wirt County

Well No. Two
R. C. Drennen-Surf.
B. F. Heck Et.al. O. G. M. Farm

Elevation 1000ft. Acres 51

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 March 26, 1966, made by Lucy Heck, et.al., to Glen W. Roberts, and recorded on the 26th day of March 1966, in the office of the County Clerk for said County in Book 129, page 631. Subsequently assigned to Jet Oil Company

The enclosed plat was prepared by a competent engineer and shows the proposed location of a well to be drilled for oil and gas by the undersigned well operator on the farm and in the Magisterial District and County above named, determined by survey and courses and distances from two permanent points, or land marks.

The undersigned well operator is informed and believes there are no coal operators operating beds of coal beneath said farm or tract of land on which said well is located, or within 500 feet of the boundaries of the same, who have mapped their workings and filed their maps as required by law, excepting the coal operators or coal owners (if any) above named as addressees.

The above named coal operators or coal owners (if any) are notified that any objections they may desire to make to such proposed location, or which they are required to make by Section 3 of said Code, if the drilling of a well at said proposed location will cause a dangerous condition in or about their respective coal mines, must be received by, or filed with the Department of Mines within ten* days from the receipt of a copy of this notice and accompanying plat by said Department. Said coal operators are further notified that forms for use in making such objections will be furnished to them by the Department of Mines promptly on request and that all such objections must set forth as definitely as is reasonably possible the ground or grounds on which such objections are based and indicate the direction and distance the proposed location should be moved to overcome same.

(The next paragraph is to be completed only in Department's copy.)

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,

(Sign Name) Jet Oil Company
WELL OPERATOR

Address of Well Operator
2225 Prudential Plaza
STREET
Chicago
CITY OR TOWN
Illinois, 60601
STATE

SEP 1968 RECEIVED West Virginia Dept. of Mines

01/12/2024

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

WIR-561
PERMIT NUMBER

01/12/2024

A-7

FORM IV-1

[03-78]

Date: January 30, 19 79

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

DESIGNATION OF AGENT BY WELL OWNER OR OPERATOR

Well Operator X / Owner ___ / Ray Resources Div. of F.D.O.C.

Address 630 Commerce Sq.

Charleston, W.Va. 25301

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

Designated Agent Ray Resources, Div. Of F.D.O.C.

Address 630 Commerce Sq.

Charleston, W.Va. 25301

Telephone 304-344-8393

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

X 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]

X 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 _____

Ray Resources Div. Of F.D.O.C.
Well Owner or Operator

By: James E. [illegible]

Its: Executive Vice-President

ACCEPTED this _____, 19____

(Signature of designated agent)

01/12/2024

01/12/2024

CEMENTING SERVICE REPORT

A-11

DOWELL

DWL-496-E PRINTED IN U.S.A.

TREATMENT NUMBER	STAGE NUMBER	DOWELL STATION	DATE
W 12-2480		Glenville	10-7-68

WELL NAME AND NUMBER: Drennen # 2	LOCATION: Reedy
POOL: Reedy	FORMATION: surface
COUNTY: Wirt	STATE: W. Va
TYPE JOB: Cement	DOWELL ENGINEER: J. W. Peg

NAME: Jet oil Co.

ADDRESS: 2225 Prudential Plaza

CITY & STATE: Chicago Ill.

JOB INSTRUCTIONS:

JOB SCHEDULED FOR: ASAP

ARRIVED LOCATION: 14:30

WELL DATA

HOLE AND MUD		CASING A	CASING B	
HOLE SIZE 11	SIZE	8 5/8		STAGE TOOL
DEPTH 163	WEIGHT	24		TYPE
ROT ✓	GRADE	8 RD		DEPTH
CABLE	THREAD	8 RD		TYPE
BHT	FLOAT TYPE			DEPTH
MUD TYPE	FLOAT DEPTH			ROT.
	SHOE TYPE			RECIP.
MUD WT.	SHOE DEPTH			CENTRALIZER None
MUD VISC.	CAPACITY	6.7		

TUBING-D. P.	HEADS & PLUGS	SQUEEZE	
SIZE	DOUBLE	PERFORATION	TYPE PACKER
WEIGHT	SINGLE ✓	TO	
GRADE	SWEDGE	TO	DEPTH
THREAD	KNOCKOFF	TO	
NEW USED	TOP	TO	TAIL PIPE
DEPTH	BOTTOM	TO	SIZE
CAPACITY	OTHER		LENGTH

TIME	PRESSURE TBG. OR D.P.	PRESSURE CASING	BARRELS PUMPED	DETAIL
~~15:~~				15:00 Down Rig Hook up to our header circulate pipe
15:15				Hook up & break circulation
15:21			5	Start Cement
15:26		0	15	Cement in drop plug start displacement
15:30		0	21	Cement displaced shut well in

REMARKS:

CEMENT DATA

CUBIC FEET	BRAND	TYPE	% GEL.	OTHER ADMIXES	%	SLURRY WT.
53	Reg Alpha	Reg		CACL.		15.

CUBIC FEET: MIXED ____ DISPLACED ____

PRESSURE: BREAKDOWN ____ AVERAGE ____ FINAL ____

WASHED THRU: ☐ YES ☐ NO TO ____

PUMPED BY ☑ DOWELL ☐ RIG

MEASURED BY ☑ DISPLACEMENT ☐ WIRE LINE

PRESSURE MAXIMUM 0 MINIMUM 0

WAS CIRCULATION LOST ☐ YES ☑ NO

WAS CEMENT CIRCULATED TO SURFACE ☑ YES ☐ NO

CEMENT LEFT IN PIPE 16 FT. ☐ NECESSITY ☑ REQ'D

MODIFIED CEMENT LICENSE APPLIED ON ____ SACKS

GULF HIGH GEL LICENSE APPLIES ON ____ SACKS

MATERIAL FURNISHED BY CUSTOMER

TYPE OF WELL: OIL OR GAS PROD. A ☑ STORAGE B ☐ BRINE C ☐ INJECTION D ☐

CALL BACK	DATE	CUSTOMER REPR. CONTRACTED	CUSTOMER CONSIDERED SERVICE:
			☑ SATISFACTORY ☐ UNSATISFACTORY ☐ UNKNOWN

01/12/2024

A-12

CEMENTING SERVICE REPORT

DOWELL

DWL-458-E PRINTED IN U.S.A.

TREATMENT NUMBER	STAGE NUMBER	DOWELL STATION	DATE
1-17-2520	1	Charleston	10-17-68

WELL NAME AND NUMBER: R.C. Dawson #2

POOL: Clan's Nest

COUNTY: Wirt

TYPE JOB: Cement Long String

LOCATION: Clan's Nest

FORMATION: Berea

STATE: W.Va.

DOWELL ENGINEER: W.H. Stout

NAME: J & J Oil Company

ADDRESS: Box 317

CITY & STATE: Elizabeth W.Va.

JOB INSTRUCTIONS:

JOB SCHEDULED FOR: ASAP

ARRIVED LOCATION: 0630

WELL DATA

HOLE AND MUD		CASING A	CASING B	
HOLE SIZE 8 3/8	SIZE	4 1/2		STAGE TOOL
DEPTH 2058	WEIGHT	9.5#		TYPE
ROT. ✓	GRADE	J-55		DEPTH
CABLE	THREAD	SKL		TYPE
BHT	FLOAT TYPE	Baker		DEPTH
MUD TYPE	FLOAT DEPTH	2025		ROT.
	SHOE TYPE	Baker		RECIP.
MUD WT.	SHOE DEPTH	2058		CENTRALIZER 4
MUD VISC.	CAPACITY	1/2		

TUBING-D. P.	HEADS & PLUGS	SQUEEZE	
SIZE	DOUBLE	PERFORATION	TYPE PACKER
WEIGHT	SINGLE ✓	TO	
GRADE	SWEDGE	TO	DEPTH
THREAD	KNOCKOFF	TO	
NEW USED	TOP ✓	TO	TAIL PIPE
DEPTH	BOTTOM ✓	TO	SIZE
CAPACITY	OTHER		LENGTH

TIME	PRESSURE TBG. OR D.P.	PRESSURE CASING	BARRELS PUMPED	DETAIL
				Rig up operation & Safety Meeting
				Hole circulated with Rig pump
				Release Rubber plug
0730			0	Pump 45# lime in 10 Bbl water
0740			10	Pump 5 Bbl water
0755		300	15	Mix Cement 75 sx to mixability
0805		300	30	Wash oil line & Release Top plug - displace
0820		800	72	Plug down - Check Float ok
0830				Left Loc

REMARKS:

CEMENT DATA

CUBIC FEET	BRAND	TYPE	% GEL.	OTHER ADMIXES	%	SLURRY WT.
75	Class A			212# Calcium Chloride		14.3
				77.5# Gel Sand		

CUBIC FEET: MIXED _____ DISPLACED _____

PRESSURE: BREAKDOWN _____ AVERAGE _____ FINAL _____

WASHED THRU: ☐ YES ☐ NO TO _____

PUMPED BY ☐ DOWELL ☐ RIG

MEASURED BY ☑ DISPLACEMENT ☐ WIRE LINE

PRESSURE MAXIMUM 800 MINIMUM 300

WAS CIRCULATION LOST ☐ YES ☑ NO

WAS CEMENT CIRCULATED TO SURFACE ☐ YES ☐ NO

CEMENT LEFT IN PIPE 30 FT. ☑ NECESSITY ☐ REQ'D

MODIFIED CEMENT LICENSE APPLIED ON _____ SACKS

GULF HIGH GEL LICENSE APPLIES ON _____ SACKS

MATERIAL FURNISHED BY CUSTOMER

TYPE OF WELL: OIL OR GAS PROD. A ☐ STORAGE B ☐ DISPOSAL C ☐ INJECTION D ☐

CALL BACK | DATE | CUSTOMER REPR. CONTRACTED | CUSTOMER CONSIDERED SERVICE: ☐ SATISFACTORY ☐

B-1

Form OG-10

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION 6

WELL RECORD

Rotary ☒
Spudder ☐
Cable Tools ☐
Storage ☐

Quadrangle Spencer

Permit No. Wir-561

Oil or Gas Well Oil (KIND)

Company Jet Oil Co. a Delaware Corp.
Address Chicago, Ill.
Farm R.C.Drennen Acres 51
Location (waters) Cranenest Run
Well No. 2 Elev. 1000 G.L.
District Reedy County Wirt
The surface of tract is owned in fee by R. C. Drennen
Address Spencer, W. Va.
Mineral rights are owned by B.F.Heck et.al.
Address Parkersburg
Drilling commenced 10-5-68
Drilling completed 10-17-68
Date Shot ..... From ..... To .....
With .....
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) .....

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			
16			Kind of Packer
13			
10			Size of
xxx 8 5/8	103	103	
6⅝			Depth set
5 3/16			
4½	2660	2660	
3			Perf. top 2587
2			Perf. bottom 2596
Liners Used			Perf. top
			Perf. bottom

Attach copy of cementing record.
CASING CEMENTED 4 1/2 SIZE 2660 No. FT. 10/17/68 Date
Amount of cement used (bags) 75
Name of Service Co. Dowell
COAL WAS ENCOUNTERED AT ..... FEET ..... INCHES
..... FEET ..... INCHES ..... FEET ..... INCHES
..... FEET ..... INCHES ..... FEET ..... INCHES

WELL FRACTURED (DETAILS) Water-Frac 2587-2596 36,000 lbs sand 26,600 gals. water, 500 gals mud acid
RESULT AFTER TREATMENT (Initial open Flow or bbls.) 55 bbls. opd
ROCK PRESSURE AFTER TREATMENT 750/10 HOURS
Fresh Water ..... Feet ..... Salt Water ..... Feet .....
Producing Sand Berea Depth 2584-2599

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Red Rock			0	340	8 5/8 casing @ 103'		
Slate & Shells			340	380			
Red Rock			380	470			
Slate and Shells			470	500			
Red Rock			500	530			
Slate & Shells			530	600			
Red Rock			600	640			
Slate & Shells			640	710			
Red Rock			710	760			
Sand			760	825			
Red Rock			825	850			
Slate & Shells			850	910			
Sand			910	940			
Slate & Shells			940	970			
Red Rock			970	1194			
Sand			1194	1228			
Shale			1228	1296			
Sand			1296	1420			
Shale and Sand			1420	1513			
Sand			1513	1564			
Shale & Shells			1564	1600			
Sand Broken			1600	1682			
Shale			1682	1720			
Sand Broken			1720	1810			
Shale Sandy			1810	1950			
Sand			1950	2086			
Lime			2086	2142			
Sand			2142	2189			

B-2

Formation	Color	Hard or Soft	Top 6	Bottom	Oil, Gas or Water	Depth Found	Remarks
Slate & Shells			2189	2568			
Brown Shale			2568	2584			
Sand (Show oil in		sample)	2584	2599			
Slate & Shale			2599	2660	T.D.		

01/12/2024

Date_____, 19____

APPROVED_____, Owner

By_____
(Title)

OG-11 B-3

STATE OF WEST VIRGINIA

DEPARTMENT OF MINES

OIL AND GAS WELLS DIVISION

INSPECTOR'S WELL REPORT

Permit No. WIR-561

Oil or Gas Well _____ (KIND)

Company JET OIL CORPORATION
2175 PRUDENTIAL PLAZA
Address CHICAGO, ILLINOIS - 60601

Farm R.C. DRENNEN (SIA)

Well No. 2

District REEDY County WIRT

Drilling commenced 10-6-68

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 NONE feet _____ feet

Salt water _____ feet _____ feet

CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Size			
16			Kind of Packer
13			
10			Size of
8¼ 5/8 CEM.	103		
6⅝			Depth set
5 3/16			
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

60SKS

CASING CEMENTED 8 5/8 SIZE 103' No. FT. 10-7-68 Date

NAME OF SERVICE COMPANY DOWELL

COAL WAS ENCOUNTERED AT NONE FEET _____ INCHES

_____ FEET _____ INCHES _____ FEET _____ INCHES

_____ FEET _____ INCHES _____ FEET _____ INCHES

Drillers' Names McCROSKEY - DIXON - JAMESMANN

DATCO DRLG. CO - ROTARY - MUD

Remarks:

DRILLING - GOS

OCT 1968
RECEIVED
West Virginia
Dept. of Mines

10-8-68
DATE

Harry A. Shelby
DISTRICT WELL INSPECTOR

01/12/2024

STATE OF WEST VIRGINIA

DEPARTMENT OF MINES

OIL AND GAS 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:

_____ I hereby certify I visited the above well on this date.

DATE

_____

DISTRICT WELL INSPECTOR

01/12/2024

OG-11 B-4

STATE OF WEST VIRGINIA

DEPARTMENT OF MINES

OIL AND GAS WELLS DIVISION

INSPECTOR'S WELL REPORT

Permit No. WIR-561 Oil or Gas Well OIL (KIND)

Company JET OIL COMPANY
Address 2226 PRUDENTIAL PLAZA CHICAGO, ILL.-60601
Farm R.C. BRENNEN (51A.)
Well No. 2
District REEDY County WIRT
Drilling commenced 10-6-68
Drilling completed 10-16-68 Total depth 2685
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 NONE feet _____ feet
Salt water 1600 feet _____ feet

CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Size			
16			Kind of Packer
13			
10			Size of
8¼ CEM. 8¾	103'	103'	
6⅝			Depth set
5 3/16			
~~3~~ CEM. 4½		2685'	Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

50 SKS. 8¾ - 103' - 10-7-68

CASING CEMENTED 4½ SIZE 2685 No. FT. 10-17-68 Date

NAME OF SERVICE COMPANY DOWELL

COAL WAS ENCOUNTERED AT NONE FEET _____ INCHES

_____ FEET _____ INCHES _____ FEET _____ INCHES

_____ FEET _____ INCHES _____ FEET _____ INCHES

Drillers' Names McCROSKEY-DIXON-JAMESMANN

DATCO DRLG. CO. ROTARY-MUD

Remarks: CEMENTING 4½" CSG. (OIL & GAS IN BAREA.)

10-17-68
DATE

H. A. Holliday
DISTRICT WELL INSPECTOR

STATE OF WEST VIRGINIA

DEPARTMENT OF MINES

OIL AND GAS 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:

_____ I hereby certify I visited the above well on this date.

DATE

_____

DISTRICT WELL INSPECTOR

01/12/2024

OG-11

B-5

STATE OF WEST VIRGINIA

DEPARTMENT OF MINES

OIL AND GAS WELLS DIVISION

INSPECTOR'S WELL REPORT

Permit No. WIR-561

Oil or Gas Well _____ (KIND)

Company JET OIL COMPANY
2225 PRUDENTIAL PLAZA
Address CHICAGO, ILL. 60601

Farm A.C. DRENNEN (5 IA.)

Well No. 2

District REEDY County WIRT

Drilling commenced 10-6-68

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 NONE feet _____ feet

Salt water 1600 feet _____ feet

CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Size			
16			Kind of Packer
13			
10			Size of
CEM. 8 5/8" 8¼	103'		
6⅝			Depth set
5 3/16			
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

50 SKS.

CASING CEMENTED 8 5/8 SIZE 103 No. FT. 10-7-68 Date

NAME OF SERVICE COMPANY DOWELL

COAL WAS ENCOUNTERED AT NONE FEET _____ INCHES

_____ FEET _____ INCHES _____ FEET _____ INCHES

_____ FEET _____ INCHES _____ FEET _____ INCHES

Drillers' Names McCROSKEY - DIXON - DAMESMANN

DATCO DRLG. CO. - ROTARY - MUD.

Remarks:

DRILLING AT 2520

OCT 1968
RECEIVED
West Virginia
Dept. of Mines

10-15-68
DATE

H. A. Holliday
DISTRICT WELL INSPECTOR

01/12/2024

STATE OF WEST VIRGINIA

DEPARTMENT OF MINES

OIL AND GAS 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:

_____ I hereby certify I visited the above well on this date.

DATE

_____

DISTRICT WELL INSPECTOR

01/12/2024

B-6

State of West Virginia

Department of Mines
Oil and Gas Division
Charleston 5

January 16, 1969

. Harry Holliday

Grantsville, W. Va.

IN RE: PERMIT WIR-561
COMPANY Jet Oil Company
FARM R. C. Drennen
WELL NO. 2
DISTRICT Reedy
COUNTY Wirt

Dear Sir:

Please make a final inspection of the Well described above.

Very truly yours,

Deputy Director
Oil and Gas Wells Division

b

01/12/2024

OG-11

B-11

STATE OF WEST VIRGINIA

DEPARTMENT OF MINES

OIL AND GAS WELLS DIVISION

INSPECTOR'S WELL REPORT

Permit No. WIR-561

Oil or Gas Well O+G. (KIND)

Company JET OIL COMPANY

Address 2226 PRUDENTIAL PLAZA CHICAGO, ILLINOIS -60601

Farm R.C. BRENNEN - (SIA)

Well No. 2

District REEDY County WIRT

Drilling commenced

Drilling completed Total depth

Date shot Depth of shot

Initial open flow /10ths Water in Inch

Open flow after tubing /10ths Merc. in

Volume C

Rock pressure lbs.

Oil bbls., 1st 2

Fresh water feet

Salt water feet

Drillers' Names

CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Size			
16			Kind of Packer
13			
10			Size of
8¼			
6⅝			Depth set
5 3/16			
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top

INSTRUCTIONS TO DELIVERING EMPLOYEE

☐ Show to whom, date, and address where delivered ☐ Deliver ONLY to addressee

(Additional charges required for these services)

RECEIPT

Received the numbered article described below.

REGISTERED NO.

CERTIFIED NO. 39175

INSURED NO.

DATE DELIVERED FEB - 3 1969

SIGNATURE OR NAME OF ADDRESSEE (*Must always be filled in*) Jet Oil Company

SIGNATURE OF ADDRESSEE'S AGENT, IF ANY Esther Schroeder

SHOW WHERE DELIVERED (*only if requested*)

c55—16—71548-10 GPO

Remarks:

ON FINAL INSPECTION, THIS WELL MAY BE RELEASED.

BOND CANCELLED

RETURNED TO WELL OPERATOR AND/OR PRINCIPAL

1/30/ 1969

JAN 1969 RECEIVED West Virginia Dept. of Mines

1-22-69

DATE

Harry J. Halliday

DISTRICT WELL INSPECTOR

01/12/2024

STATE OF WEST VIRGINIA

DEPARTMENT OF MINES

OIL AND GAS 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:

_____ I hereby certify I visited the above well on this date.

DATE

_____

DISTRICT WELL INSPECTOR

01/12/2024

B-12

State of West Virginia

Department of Mines
Oil and Gas Division
Charleston 5

January 30, 1969

Jet Oil Company
2225 Prudential Plaza
Chicago, Ill 60601

IN RE: Permit WIR-561
Farm R. C. Drennen - B. F. Heck, etal
Well No. 2
District Reedy
County Wirt

Gentlemen:

The final inspection report for the Well which is described above has been received in this office.

Please be advised that the Bond which is covered by the above permit number has been released.

Kindly return the enclosed cancelled Bond to the Surety Company that 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 Wells Division

Enclosure: 1 bond

01/12/2024

C-1

FERC-121

1.0 API well number: (If not available, leave blank. 14 digits.)	47-105-0601
2.0 Type of determination being sought: (Use the codes found on the front of this form.)	108 (Section of NGPA) ____ (Category Code)
3.0 Depth of the deepest completion location: (Only needed if sections 103 or 107 in 2.0 above.)	____ feet
4.0 Name, address and code number of applicant: (35 letters per line maximum. If code number not available, leave blank.)	Name: RAY RESOURCES DIVISION OF FLYING DIAMOND OIL CORPORATION; Street: 630 Commerce Square; City: Charleston, W Va; State: ; Zip Code: 25301; Seller Code: ____
5.0 Location of this well: [Complete (a) or (b).] (a) For onshore wells (35 letters maximum for field name.)	Field Name: Burning Spring; County: Wirt; State: WV
(b) For OCS wells:	Area Name: N/A; Block Number: ____; Date of Lease: Mo. Day Yr.; OCS Lease Number: ____
(c) Name and identification number of this well: (35 letters and digits maximum.)	Joe Parsons #660
(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.)	Name: Columbia Gas Trans; Buyer Code: ____
(b) Date of the contract:	05 21 73 (Mo. Day Yr.)
(c) Estimated annual production:	1.40 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.)	2.264	.338	.009	2.611
8.0 Maximum lawful rate: (As of filing date. Complete to 3 decimal places.)	2.264	.338	.009	2.611

9.0 Person responsible for this application:

Name: TOM R. RAGSDALE; Title: Vice-Pres.

Signature: Tom R. Ragsdale

Date Application is Completed: 1-30-79; Phone Number: 304-344-8393

Agency Use Only

Date Received by Jurisdictional Agency: FEB 28 1979

Date Received by FERC:

Ray Resources, Div. of F.D.O.C.
630 Commerce Square
Charleston, W. Va. 25301

01/12/2024

FT79003062

WELL DETERMINATION REPORT

PARTICIPANTS: DATE: SEP 19 1979 BUYER-SELLER CODE

WELL OPERATOR: Ray Resources 023567

FIRST PURCHASER: Columbia Gas Transmission 004030

OTHER:

W. Va. Department of Mines, Oil & Gas Division
WELL DETERMINATION FILE NUMBER
790228-108-105-0601
Use Above File Number on all Communications Relating to Determination of this Well

Qualifies as Section 108, stripper 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 ✓ James S. Ray

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 300M Was Oil Produced? 106bls. Ratio ?

7 IV-39- Annual Production 1 years 8 MO.

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 ~~Completed~~ Commenced: 9-20-72 Completed: 9-23-72 (drill) Deepened —
Frac Date:

(5) Production Depth: 1700-29

(5) Production Formation: Big Injun

(5) ~~Initial Potential~~ Final Open Flow: 300 MCF (initial)

(5) ~~Static R.P. Initially:~~ Final Rock Pressure: 700 #

(6) Other Gas Test: —

(7) Avg. Daily Gas from Annual Production: $\frac{1287.3}{365}$ = 3.53M; $\frac{80}{304}$ = 0.26 bbl

(8) Avg. Daily Gas from 90-day ending w/1-120 days $\frac{341.3}{92}$ = 3.71M; —

(8) Line Pressure: — PSIG from Daily Report

(5) Oil Production: Yes From Completion Report 1700-29

(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? Yes

Additional Information — Does computer program confirm?

Was Determination Objected to? By Whom?

01/12/2024

FORM IV-56WC
(12-78)

Date 1-30 , 1979

STATE OF WEST VIRGINIA

Operator's Well No. 660

DEPARTMENT OF MINES, OIL AND GAS DIVISION

API Well No. 47 - 105 - 0601
State County Permit

WELL CLASSIFICATION FORM

STRIPPER GAS WELL

NGPA Section 108

DESIGNATED AGENT Ray Resources, Div. Of F.D.O.C.

ADDRESS 630 Commerce Sq

Charleston, W.Va. 25301

WELL OPERATOR Ray Resources, Div of F.D.O.C. LOCATION: Elevation 704

ADDRESS 630 Commerce Sq.

Charleston W.Va. 25301

Watershed White Oak Run

Dist. Bu. Sp. County Wirt Quad. Arnold.

GAS PURCHASER Columbia Gas

ADDRESS 1700 MacCorkle Ave SE

Charleston, W.Va. 25325

Gas Purchase Contract No. 7743

Meter Chart Code 2029028

Date of Contract 5-21-73

* * * * * * * * * * * * * * * * *

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.)

1) well head
2) 2" gathering line
3) rods
4) tubing
5) pumpjack
6) seperator
7) tanks
8) meter

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:

1) Production Statements

2) Lease files

3) Tax Records

Located in Main Office

01/12/2024

FORM IV-56WC
(Reverse)
(12-73)

Describe the search made of any records listed above:

1) Checked Production Statements

2) Checked Lease files

3) Checked Tax Records

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, TOM R. RAGSDALE, 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.

Tom R. Ragsdale

STATE OF WEST VIRGINIA,

COUNTY OF Kanawha. TO WIT:

I, Donald R Wilson Jr., a Notary Public in and for the state and county aforesaid, do certify that Tom R Ragsdale, whose name is signed to the writing above, bearing date the 30TH day of January, 1979, has acknowledged the same before me, in my county aforesaid.

Given under my hand and official seal this 12TH day of February, 1979.

My term of office expires on the 12TH day of August, 1986.

01/12/2024

Donald R Wilson Jr
Notary Public

[NOTARIAL SEAL]

FORM IV-48WC
[12-78]

STATE OF WEST VIRGINIA

DEPARTMENT OF MINES, OIL AND GAS DIVISION

Date January 30, 19 79

Operator's Well No. 660

API Well No. 47 - 105 - 0601
State County Permit

STATE APPLICATION FOR WELL CLASSIFICATION

Previous File No. _____ (If Applicable)

WELL OPERATOR Ray Resources, Div. Of F.D.O.C. DESIGNATED AGENT _____

ADDRESS 630 Commerce Sq. ADDRESS Same

Charleston, W Va 25301

Gas Purchase Contract No. 7743 and Date 5-21-73 (Month, day and year)

Meter Chart Code 2029028

Name of First Purchaser Columbia Gas Transmission

1700 Nordable Ave. SE (Street or P. O. Box)

Charleston W.Va. 25325
(City) (State) (Zip Code)

FERC Seller Code _____ FERC Buyer Code _____

TYPE OF DETERMINATION BEING SOUGHT:

[X] (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.

TOM R. RAGSDALE Vice-Pres.
Name (Print) Title

Signature

630 Commerce Sq.
Street or P. O. Box

Charleston, W.Va. 25301
City State (Zip Code)

(304) 344-8393
Area Code Phone Number

(Certificate of Proof of Service to Purchaser)

(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 1978, (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

_____ Director

FEB 28 1979
Date received by Jurisdictional Agency

By _____

Title _____

01/12/2024

IV-39-WC

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

REPORT OF MONTHLY PRODUCTION
GAS VOLUMES IN MFC @ 14.73
OIL IN BARRELLS @ 60 DEGREES

REPORT DATE - 2/5/79

OPERATOR : Ray Resources, Division of Flying Diamond Oil Corporation

01/12/2024

1977

API 47-105-0601 FARM : McConaughey COUNTY: Wirt AVG. FLOW PRESSURE ____ SHUT-IN PRESSURE ____

													TOTALS
GAS MFC	0	29.3	16	16	56.7	34.3	24.7	0	0	0	378.3	120.3	GAS 675.6
OIL BBL	J- 0	F- 6	M- 6	A- 8	M- 3	J- 13	J- 0	A- 0	S- 8	O- 11	N- 6	D- 0	OIL 61
DAYS ONLINE	0	28	31	30	31	30	31	0	30	31	30	31	

1978

API 47-105-0601 FARM : McConaughey COUNTY: Wirt AVG. FLOW PRESSURE ____ SHUT-IN PRESSURE ____

													TOTALS
GAS MFC	101	114	102	115	117	104	90.7	94.3	108	104.7	137.3	99.3	GAS 1287.8
OIL BBL	J- 7	F- 9	M- 9	A- 0	M- 8	J- 15	J- 5	A- 9	S- 3	O- 0	N- 8	D- 7	OIL 80
DAYS ONLINE	31	28	31	30	31	30	31	31	30	31	30	31	

SUMMARIZATION SCHEDULE
Section 271. 804 (b)

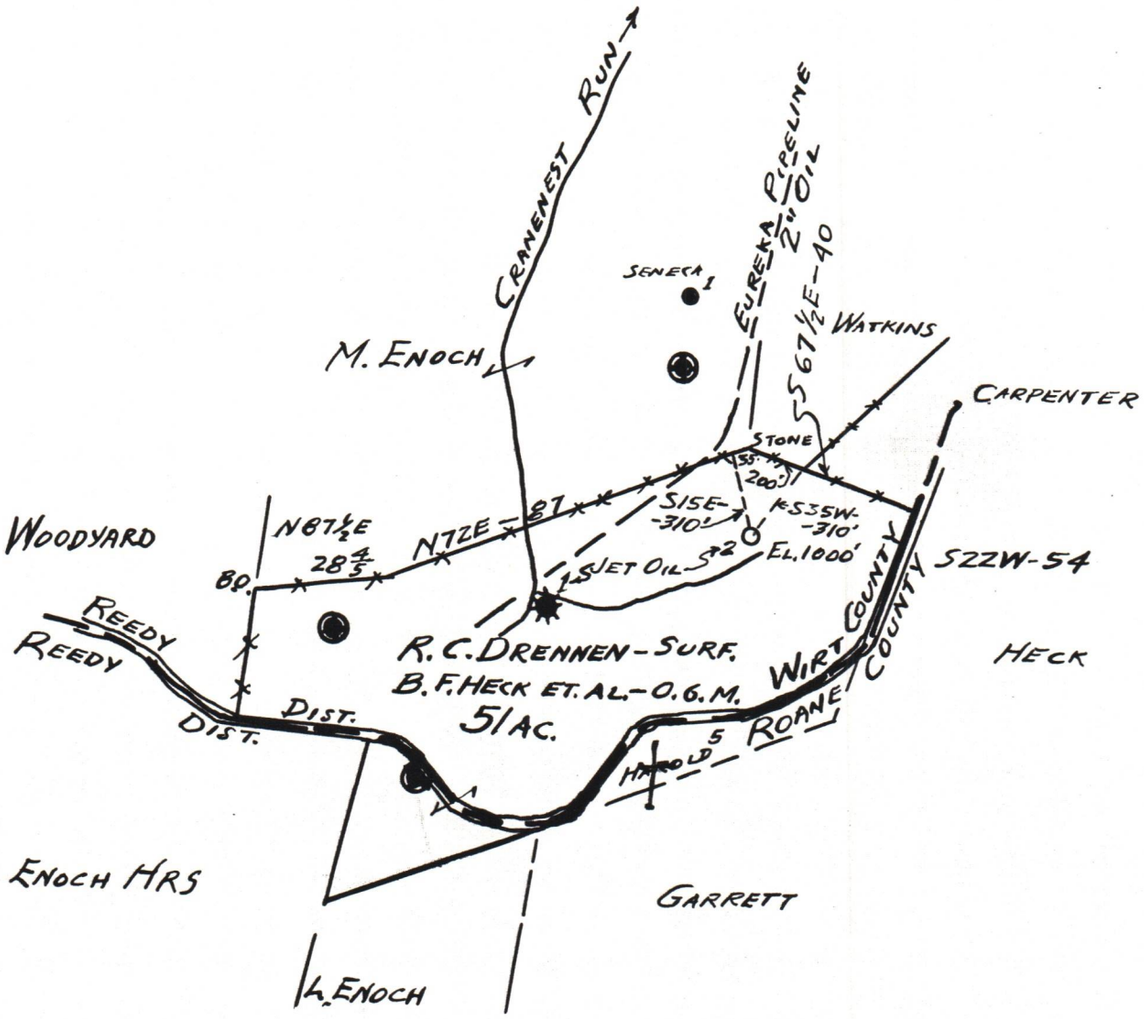
In accordance with Section 271.804(b) please list all other wells which are to be used in determining this well classification under Part 271 Subpart H.

API NUMBERS 47-105-0607
47-105-0624

1/23/68

Latitude 39° 00'

Longitude 81° 25'



THIS SURVEY MEETS REQUIREMENTS OF MINING LAWS OF WEST VA. TO BEST OF MY KNOWLEDGE AND BELIEF. ACCURACY WITHIN 1 IN 200.

New Location ..☑
Drill Deeper .....☐
Abandonment.....☐

REFER U.E. ALONG RIDGE ROAD ON FARM

Company JET OIL CO., A DELAWARE CORP.
Address 2225 PRUDENTIAL PLAZA CHICAGO, ILL. 60601
Farm R.C. DRENNEN-SURF- -B.F. HECK ET. AL. O.G.M.
Tract ~~57~~ Acres 51 Lease No.
Well (Farm) No. JET No 2 Serial No.
Elevation (Spirit Level) 1000 FT.
Quadrangle SPENCER
County WIRT District REEDY
Engineer Glen W. Roberts
Engineer's Registration No. 860
File No. Drawing No.
Date SEPT. 17, 1968 Scale 1 IN=660 FT=40 P.

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

WELL LOCATION MAP

FILE NO. Wir-561

01/12/2024

+ 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.

K+E 156 IMPERIAL TRACING CLOTH T.M 62390

A-10

State of West Virginia

Department of Mines
Oil and Gas Division
Charleston 5

September 23, 1968

JET OIL COMPANY
2225fPrudential Plazq
Chicago, Illinois 60601

IN RE: PERMIT NO. WIR-561
FARM R. C. Drennen
WELL NO. 2
DISTRICT Reedy
COUNTY Wirt

Gentlemen:

Enclosed is Permit for drilling the above described well.

Please post one copy of permit at the Well site and send two copies of the well record to this office, within 90 days, when drilling has been completed.

Very truly yours,

Deputy Director
Oil and Gas Wells Division

RLD/ff
Enclosures:

cc-West Virginia Geological & Economic Survey
cc- Mr. Harry Holliday Box 221, Grantsville, W. Va. 26147 PH: 354-6145

bc- Mr. C. A. Washburn, Deputy Securities Commissioner, Auditor's Office

01/12/2024