10/8/68 CEN

FORM OG 1

A1

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 WELLS 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

See below

Jet Oil Company
NAME OF WELL OPERATOR

2225 Prudential Plaza, Chicago, Ill.
COMPLETE ADDRESS

September 25, 19 68
PROPOSED LOCATION

Reedy District

Wirt County

Well No. Three
R. C. Drennen-Surf.
B. F. Heck et.al. O. G. M. Farm
Elevation 986 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. Mail Permit to:

Jet Oil Co.
P.O. Box 317
Elizabeth,
W.Va.
26143

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

OCT 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.

563 WIR-563 PERMIT NUMBER

BOND DRILL

A-A6

JET OIL COMPANY
2225 PRUDENTIAL PLAZA
CHICAGO, ILLINOIS 60601
MICHIGAN 2-0311

October 7, 1968

Department of Mines
Oil and Gas Wells Division
Charleston, W. Va.

Dear Sir:

Please find enclosed forms for permit for our well #3 on R. C. Drennen farm;

1. Bond Form OG-23
2. Power of Attorney
3. Form O G 1
4. Well Location Map

Yours very truly,

Jet Oil Company

C. Edwin Mohler

Please mail permit to:
Jet Oil Company
P. O. Box 317
Elizabeth, W. Va.
26143

CEM/jy

01/12/2024

A-7

State of West Virginia

Department of Mines
Oil and Gas Division
Charleston 5

October 8, 1968

JET OIL COMPANY
2225 Prudential Plaza
Chicago
Illinois 60601

IN RE: PERMIT NO. WIR-563
FARM R. C. Drennen, Sue, B.F.Heck,et al
WELL NO. 3
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

01/12/2024

Form OG-10

Delete B-1

B-1

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

WELL RECORD

Rotary ☒
Spudder ☐
Cable Tools ☐
Storage ☐

Quadrangle Spencer

Permit No. Wirt 563

Oil or Gas Well Oil (KIND)

Company Jet Oil Company, a Deleware Corp.
Address 2225 Prudential Plaza, Chicago, Ill.
Farm Drennen Acres 51
Location (waters) Crane Nest Run
Well No. 3 Elev. 986
District Reedy County Wirt
The surface of tract is owned in fee by R.C.Drennen
Address Spencer
Mineral rights are owned by B.F.Heck et al
Address Parkersburg
Drilling commenced 10/23/68
Drilling completed 10/31/68
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
~~XXXX~~ 8-5/8	102	102	
6⅝			Depth set
5 3/16			
4½	2655	2655	
3			Perf. top 2574
2			Perf. bottom 2585
Liners Used			Perf. top
			Perf. bottom

Attach copy of cementing record. 8 5/8 with 50 sacks
CASING CEMENTED 4 1/2 SIZE 2655 No. Ft. 10/31/68 Date
Amount of cement used (bags) 75 sacks
Name of Service Co. Halliburton
COAL WAS ENCOUNTERED AT ..... FEET ..... INCHES
..... FEET ..... INCHES ..... FEET ..... INCHES
..... FEET ..... INCHES ..... FEET ..... INCHES

WELL FRACTURED (DETAILS) 2574-2585 Water Frac with 35,000 lbs sand 26,500 gals. water 500 gals.mud acid.

RESULT AFTER TREATMENT (Initial open Flow or bbls.) 45 oil 10 water pumping 45 BOPD
ROCK PRESSURE AFTER TREATMENT ..... HOURS .....
Fresh Water ..... Feet ..... Salt Water ..... Feet .....
Producing Sand Berea Depth 2574 -2590

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Red Rock			0	330	8-5/8 @ 102		
Slate & Shells			330	380			
Red Rock			380	460			
Slate & Shells			460	490			
Red Rock			490	530			
Slate & Shells			530	590			
Red Rock			590	630			
Slate & Shells			630	700			
Red Rock			700	760			
Sand			760	820			
Red Rock			820	850			
Slate & Shells			850	900			
Sand			900	940			
Slate & Shells			940	960			
Red Rock			960	1190			
Sand			1190	1230			
Shale			1230	1290			
Sand			1290	1410			
Shale and Sand			1410	1510			
Sand			1510	1560			
Shale and Shells			1560	1610			
Sand			1610	1648			
Shale & Sand Streaks			1648	1750			
Sand			1750	1802			
Shale & Sand Streaks			1802	1890			
Sand			1890	1906			
Shale			1906	1930			

B-2

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Sand			1930	2060			
Shale			2060	2080			
Lime			2080	2152			
Sand			2152	2216			
Shale & Shells			2216	2550			
Shale Brown			2550	2574			
Sand (show oil in samples)			2574	2590			
Slate & Shale			2590	2659			

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-563

Oil or Gas Well _____ (KIND)

Company JET OIL COMPANY
2226 PROPENTIAL PLAZA
Address CHICAGO, ILLINOIS-60601

Farm R.C. DRENNEN

Well No. 3

District REEDY County WIRT

Drilling commenced 10-23-68

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 _____ 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			
6⅝			Depth set
5 3/16			
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED _____ SIZE _____ No. FT. _____ Date

NAME OF SERVICE COMPANY

COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES

_____ FEET _____ INCHES _____ FEET _____ INCHES

_____ FEET _____ INCHES _____ FEET _____ INCHES

Drillers' Names FRANK WILSON - ARCHIE CARPENTER - BILL SMITH
DATCO DRLG.CO - ROTARY - MUD

Remarks:
COMMENCE DRILLING

10-23-68
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-4

STATE OF WEST VIRGINIA

DEPARTMENT OF MINES

OIL AND GAS WELLS DIVISION

563

INSPECTOR'S WELL REPORT

Permit No. WIR-593

Oil or Gas Well (KIND)

Company JET OIL COMPANY
2275 PRUDENTIAL PLAZA
Address CHICAGO, ILLINOIS 60601

Farm R.C. DRENNEN (51A)

Well No. 3

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 Inch

Volume Cu. Ft.

Rock pressure lbs. hrs.

Oil bbls., 1st 24 hrs.

Fresh water NONE feet feet

Salt water NONE feet feet

CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Size			
16			Kind of Packer
13			
10			Size of
8¼ 8⅝ CEM.	102'		
6⅝			Depth set
5 3/16			
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED 8⅝ SIZE 102' No. FT. 150 SKS. @ 112' Date

NAME OF SERVICE COMPANY HALLIBURTON

COAL WAS ENCOUNTERED AT NONE FEET INCHES

FEET INCHES FEET INCHES

FEET INCHES FEET INCHES

Drillers' Names W.C. SMITH - ARCHIE CARPENTER - FRANK WILSON
DATCO DRILLING CO. ROTARY - MUD

Remarks:
DRILLING AT 4602'

NOV 1968
RECEIVED
West Virginia
Dept. of Mines

10-30-68
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

OG-11

B-5

STATE OF WEST VIRGINIA

DEPARTMENT OF MINES

OIL AND GAS WELLS DIVISION

INSPECTOR'S WELL REPORT

Permit No. WIR-563

Oil or Gas Well _____ (KIND)

Company JET OIL COMPANY
Address 2226 PROUDENTIAL PLAZA CHICAGO, ILL. - 60601
Farm R.C. BRENNEN - (51A)
Well No. 3
District REEDY County WIRT
Drilling commenced 10-23-68
Drilling completed 11-1-68 Total depth 2659'
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 NONE feet _____ feet

CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Size			
16			Kind of Packer
13			
10			Size of
8¼ CEM. 5/8	102'	102'	
6⅝			Depth set
5 3/16			
3 4½		2659	Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

50 SKS. - 8 5/8" - 102' & 112' - 10-23-68
CASING CEMENTED 4½ SIZE 2659 No. FT. 11-1-68 Date

NAME OF SERVICE COMPANY HALLIBURTON

COAL WAS ENCOUNTERED AT NONE FEET _____ INCHES

_____ FEET _____ INCHES _____ FEET _____ INCHES

_____ FEET _____ INCHES _____ FEET _____ INCHES

Drillers' Names W.C. SMITH - ARCHIE CARPENTER - FRANK WILSON
DATCO DRLG. CO. - ROTARY - MUD

Remarks:
WILL "LOG" + FRACTURE

NOV 1968 RECEIVED West Virginia Dept. of Mines

11-6-68
DATE

H. A. Thompson
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 28, 1969

Mr. Harry Holliday
Box 221, Grantsville, W. Va.

IN RE: PERMIT WIR-563
COMPANY Jet Oil Company
FARM Drennen
WELL NO. 3
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

RLD/ls

01/12/2024

OG-11

B-11

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

FEB 1969
RECEIVED
West Virginia
Dept. of Mines

INSPECTOR'S WELL REPORT

Permit No. WIR-563

Oil or Gas Well OXG
(KIND)

Company JET OIL COMPANY
2220 PRUDENTIAL PLAZA
Address CHICAGO ILL. - 60601
Farm A.C. DRENNEN (51A)
Well No. 3
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 e
Rock pressure lbs.
Oil bbls., 1st 2 S
Fresh water feet S
Salt water feet S
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

USPO

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. 39179
INSURED NO.
DATE DELIVERED FEB 6 1969
SIGNATURE OR NAME OF ADDRESSEE (Must always be filled in)
SIGNATURE OF ADDRESSEE'S AGENT, IF ANY
SHOW WHERE DELIVERED (only if requested)

e55—16—71548-10 GPO

Remarks: ON FINAL INSPECTION, THIS WELL MAY BE RELEASED.

BOND CANCELLED
RETURNED TO WELL OPERATOR AND/OR PRINCIPAL
2/4/ 1969

1-30-69
DATE

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

February 4, 1969

Jet Oil Company
P. O. Box 317
Elizabeth, W. Va. 26143

IN RE: Permit WIR-563
Farm B. F. Heck, etal O.G. M.
Well No. 3
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.

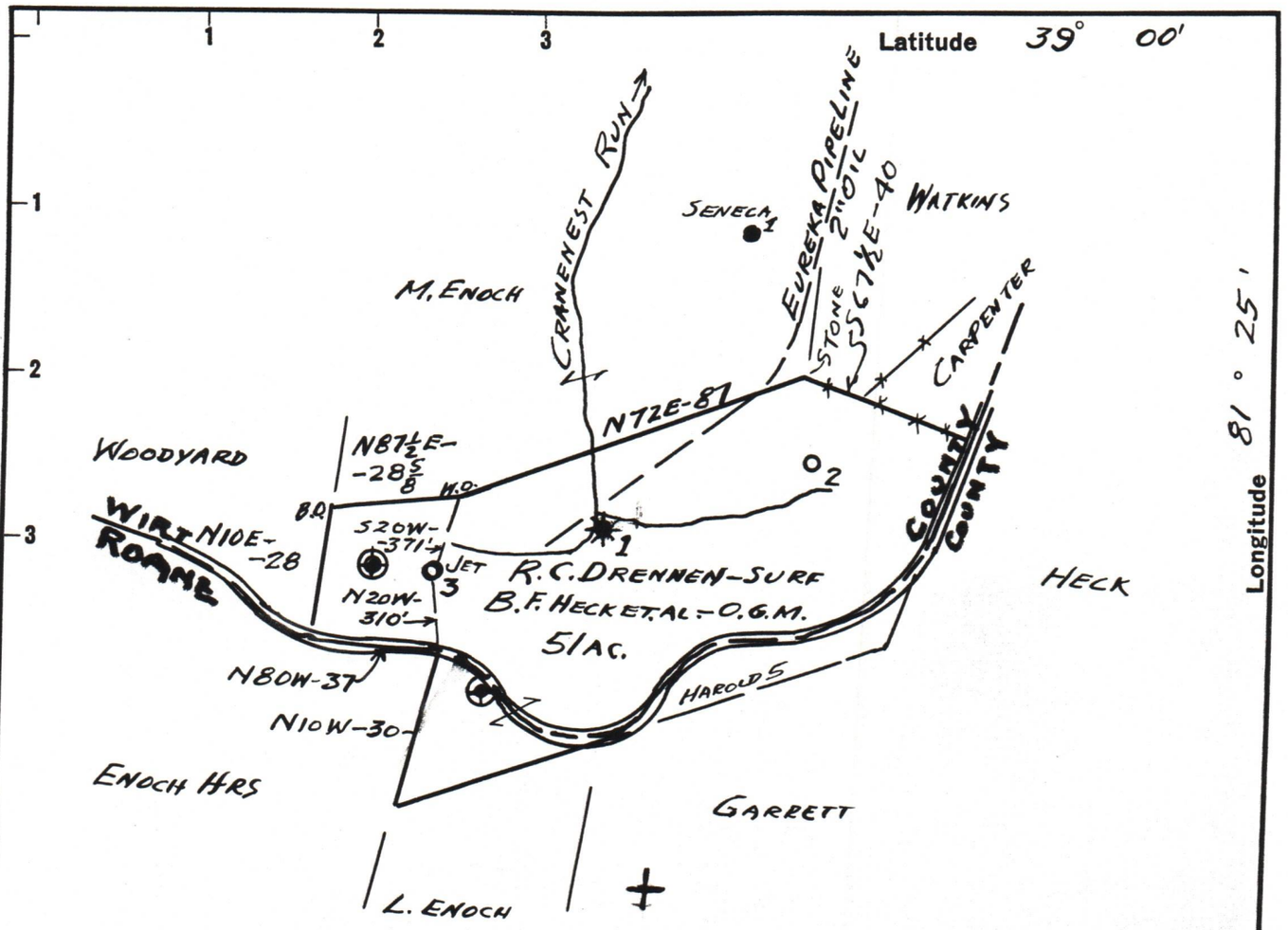
Very truly yours,

Deputy Director
Oil and Gas Wells Division

Enclosure: 1 bond

b

10/8/69 CEN



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.....☐

ELEV. REFER WIRT 30A

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 ____ Acres 51 Lease No. ____
Well (Farm) No. JET No. 3 Serial No. ____
Elevation (Spirit Level) 986 FT.
Quadrangle SPENCER
County WIRT District REEDY
Engineer Glen W. Roberts
Engineer's Registration No. 860
File No. ____ Drawing No. ____
Date SEPT 25, 1968 Scale 1 IN = 660 FT.

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

WELL LOCATION MAP

FILE NO. Wir-563

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

HALLIBURTON SERVICES
A Division of Halliburton Company
DUNCAN, OKLAHOMA 73533

FORM 984 - R 10

CONTRACT AND TICKET

No. 463861 K

DATE	CUSTOMER'S ORDER & REQ. NO.	SERVICE TICKET NO.	SEC.	TWP.	RNG.	TRK. CALLED OUT DATE A.M. P.M.	ON LOCATION DATE A.M. P.M.	JOB STARTED DATE A.M. P.M.	JOB COMPLETED DATE A.M. P.M.
10-31-68									

WELL NO. AND FARM

PLACE OR DESTINATION: Reedy

COUNTY: ~~Pleas~~ Wirt

STATE: W Va

TYPE OF WELL: 1 ☐ WORKOVER 2 ☐ EXPLORATORY 3 ☐ DEVELOPMENT 4 ☐ OTHER

OWNER: Jet Oil Company

CONTRACTOR

Duncan Use Only

DELIVERED TO: Jet Oil Company

PREPARED BY

AGREED TO AND RECEIVED BY: X J. Lloyd.

CHARGE TO: Jet Oil Company

DELIVERED FROM: Charleston, W. Va.

MAILING ADDRESS

CITY & STATE

TERMS: DUE BY THE 20th OF FOLLOWING MONTH. INTEREST CHARGED AFTER 60 DAYS FROM DATE OF INVOICE.

$_____ Cash discount allowed if paid within this period.

$_____ Tax adjustment may be deducted if discounted.

WT TKT. NO.	TRUCK NO.	CONVOY NO.	QUANTITY *	BRAND AND TYPE	UNIT PRICE (DUNCAN USE ONLY)	AMOUNT (DUNCAN USE ONLY)
	7526		75	Standard Bulk Cement		
			4	Calcium Chloride Blended 5%		
			3	Halliburton Gel Blended 4%		
			4	Lime (Not Blended)		

*SACKS UNLESS OTHERWISE INDICATED

We certify that the Fair Labor Standards Act of 1938, as amended, has been complied with in the production of goods and/or with respect to services furnished covered by this invoice.
PRINTED IN U.S.A.

SERVICE CHARGE ON MATERIALS RETURNED			UNITS	
SERVICE CHARGE			UNITS	
MILEAGE CHARGE	TOTAL WEIGHT	LOADED MILES FROM PLANT TO WELL	TON MILES	
			SUB TOTAL	
			TAX	
			TAX	
			TOTAL	

CONDITIONS AND LIMITATIONS COVERING THIS CONTRACT

It is expressly agreed and understood that in the sale and delivery of the materials covered by this contract, whether the composition of such materials be blended or otherwise, Halliburton makes no representation or warranty, express or implied, except as follows:

Halliburton warrants that the products and materials sold to the customer are free from defects of workmanship and material, but the liability of Halliburton for breach of such warranty or for damages of any kind resulting from the negligence of Halliburton shall be limited to the replacement of or the allowance of credit for such materials sold;

and such express warranty is in lieu of all warranties, express or implied, and Halliburton shall not be bound by any changes or modifications with respect to such liability as imposed on it by such warranty except where a change or modification is made by a duly authorized executive officer of Halliburton Services in writing.

Third Copy—CUSTOMER'S COPY

01/12/2024

4-11

HALLIBURTON SERVICES
A Division of Halliburton Company
DUNCAN, OKLAHOMA 73533

FORM 488-R9

CEMENTING SERVICE TICKET

No. 459511

DATE	CUSTOMER'S ORDER NO.	CUSTOMER'S REQ. NO.	SEC.	TWP.	RNG.	TRUCK CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
10-22-69						10-22-69 6:30 A.M.	10-22-69 10:00 A.M.	10-22-69 2:00 A.M.	10-22-69 2:00 A.M.

WELL NO. AND FARM: #2 DRONACH
PLACE OR DESTINATION: Reedy
COUNTY: Roane
STATE: W Va

TYPE OF WELL: 1 ☐ Workover 2 ☐ Exploratory 3 ☑ Development 4 ☐ Other

OWNER: Jet Oil Company
CONTRACTOR: Dated Drlg Co

Duncan Use Only: Surface

Cus. Inv. Req. Orig. & ☐ 1 ☐ 2 ☐ 3 ☐ 4 ☐ Other No. Copies

CHARGE TO: Jet Oil Company
CITY AND STATE: 2225 Prudential Plaza
MAILING ADDRESS: Chicago Illinois 60601

Owner, Operator or His Agent States the Well is in Condition for the Service Job to Be Performed and Submits the Following Data:

TYPE OF JOB (✓) One		CASING		HOLE DATA		TUBING OR DRILL PIPE		CEMENTING PACKER		
SURFACE	✓	NEW		BORE SIZE	11	SIZE		SIZE		MAKE FLOAT EQUIPMENT
INTERMEDIATE		USED	✓	TOTAL DEPTH	112	TYPE		TYPE		FLOAT COLLAR
PRODUCTION		SIZE	8 5/8	ROTARY	✓	WEIGHT		WEIGHT		GUIDE SHOE
SQUEEZE		WEIGHT	24	CABLE TOOL		TOTAL DEPTH		DEPTH SET		FLOAT SHOE
PUMPING		DEPTH	100							OTHER EQUIPMENT
PLUG BACK		TYPE								
GROUTING										
Other (write in)										

SQUEEZE OR PLUG BACK DATA

PURPOSE	Depth From	To Approx.	IN SIZE CASING	IN SIZE HOLE
WATER				
GAS				
ABANDON				

CEMENT DATA: BULK? ____ SACKED? ____ Mixed Wt. Per Gal. 15.6

SACKS	TYPE	BRAND	% Gel.	Other Admix
50	Standard	Cement	3%	CaCl2
	BC 463844			

THIS IS NOT AN INVOICE

OTHER DATA ON SERVICE OPERATION

PLUGS AND HEADS			PRESSURE	
BOTTOM PLUG	NO	TYPE By J. Manns	CIRCULATING	0
TOP PLUG	NO	TYPE "	MINIMUM	200
TYPE HEAD	SWAGE		MAXIMUM	200

CEMENT LEFT IN CASING 10 FT.
☑ BY REQUEST ☐ NECESSITY MEASURED WITH LINE? NO By J. Manns

TRUCK NO. & TYPE	TRUCK LOCATION	TITLE	NAME
7210	Charleston W Va	Cementer	B. Harper
		Driver	J. N. Clark
		Cementer	Sweeny
		Driver	
		Cementer	
		Driver	
		Cementer	
		Driver	

The following information is urgently requested in order that we may be fully advised, and to enable us to keep our standard of service up to the highest point.

Was Operation of the Cementing Equipment Satisfactory? Good
Was the Work of the Crew Performed in a Satisfactory Manner? Good
Was Cementing Job Satisfactorily Completed? Good
Suggestions:

John Manns
OWNER, OPERATOR OR HIS AGENT

INVOICE SECTION

PRICE REF.	SERVICE AND RENTAL CHARGES	AMOUNT
DEPTH OF JOB	100 FT.	
001-016	BASE CHARGE FT.	193 00
	FT. Per Ft.	
	FT. per 100' or Fraction	
	EXTRA TRUCK	
	STAND BY TRUCK	
	MILEAGE @	
	SUB-TOTAL	
	TAX	
	TOTAL	

JAN 1969 RECEIVED West Virginia Dept. of Mines

We certify that the Fair Labor Standards Act of 1938, as amended, has been complied with in the production of goods and/or with respect to services furnished covered by this invoice.

Terms—Net Payable by 20th of following month. Interest charged after 60 days from date of invoice.

CUSTOMER'S COPY

01/12/2024

A-12

HALLIBURTON SERVICES
A Division of Halliburton Company
DUNCAN, OKLAHOMA 73533

FORM 488-R9

CEMENTING SERVICE TICKET

No. 459537

DATE	CUSTOMER'S ORDER NO.	CUSTOMER'S REQ. NO.	SEC.	TWP.	RNG.	TRUCK CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
10-31-68	—	—				10-31-68 DATE 2:00 A.M. P.M.	10-31-68 DATE 6:00 A.M. P.M.	10-31-68 DATE 6:30 A.M. P.M.	10-31-68 DATE 7:30 A.M. P.M.

WELL NO. AND FARM: 3 Dennen
PLACE OR DESTINATION: Reedy
COUNTY: Wirt
STATE: W.VA.

TYPE OF WELL: 1 ☐ Workover 2 ☐ Exploratory 3 ☐ Development 4 ☐ Other
OWNER: Jet O.L Co.
CONTRACTOR: DATCO

Duncan Use Only: Long String

Cus. Inv. Req. Orig. & ☐ 1 ☐ 2 ☐ 3 ☐ 4 ☐ Other No. Copies
CHARGE TO: Jet O.L Co.
CITY AND STATE: Box 317
MAILING ADDRESS: Elizabeth W.VA.

Owner, Operator or His Agent States the Well is in Condition for the Service Job to Be Performed and Submits the Following Data:

TYPE OF JOB (✓) One		CASING		HOLE DATA		TUBING OR DRILL PIPE		CEMENTING PACKER	
SURFACE		NEW	✓	BORE SIZE	7 7/8	SIZE		SIZE	
INTERMEDIATE		USED		TOTAL DEPTH	5659	TYPE		TYPE	
PRODUCTION	✓	SIZE	4 1/2	ROTARY	✓	WEIGHT		WEIGHT	
SQUEEZE		WEIGHT	9.5	CABLE TOOL		TOTAL DEPTH		DEPTH SET	
PUMPING		DEPTH	5655						
PLUG BACK		TYPE	J-55						
GROUTING									
Other (write in)									

MAKE FLOAT EQUIPMENT
FLOAT COLLAR
GUIDE SHOE
FLOAT SHOE Baker
OTHER EQUIPMENT
Bottom Baker
4-Center Baker

SQUEEZE OR PLUG BACK DATA

PURPOSE	Depth From	To Approx.	IN SIZE CASING	IN SIZE HOLE
WATER				
GAS				
ABANDON				

CEMENT DATA: BULK? Yes SACKED? Mixed Wt. Per Gal.

SACKS	TYPE	BRAND	% Gel.	Other Admix
75	Thicksetrope w/3% CaCl			
	Bc 463861			

THIS IS NOT AN INVOICE

OTHER DATA ON SERVICE OPERATION

PLUGS AND HEADS		PRESSURE	
BOTTOM PLUG	Yes TYPE SW	CIRCULATING	100
TOP PLUG	Yes TYPE SW	MINIMUM	0
TYPE HEAD	PC	MAXIMUM	1200

CEMENT LEFT IN CASING 33 FT.
☐ BY REQUEST ☑ NECESSITY MEASURED WITH LINE? No

TRUCK NO. & TYPE	TRUCK LOCATION	TITLE	NAME
7194 T-710	Charleston W.Va.	Cementer	L.L. Mitchell
		Driver	A.D. Mitchell
7526 Bm	"	Cementer	
		Driver	Sweeny
		Cementer	
		Driver	
		Cementer	
		Driver	

The following information is urgently requested in order that we may be fully advised, and to enable us to keep our standard of service up to the highest point.

Was Operation of the Cementing Equipment Satisfactory?
Was the Work of the Crew Performed in a Satisfactory Manner?
Was Cementing Job Satisfactorily Completed?
Suggestions: T. Floyd job o.k.

OWNER, OPERATOR OR HIS AGENT

INVOICE SECTION

DEPTH OF JOB 2653 FT.

PRICE REF.	SERVICE AND RENTAL CHARGES	AMOUNT
011.016	BASE CHARGE FT.	429 00
	FT. Per Ft. FT. per 100' or Fraction	
	EXTRA TRUCK	
	STAND BY TRUCK	
030.015	Top & Bottom 5W @ 6.70	13 40
	MILEAGE @	
	SUB-TOTAL	
	TAX	
	TOTAL	

We certify that the Fair Labor Standards Act of 1938, as amended, has been complied with in the production of goods and/or with respect to services furnished covered by this invoice.

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01/12/2024