



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

Jet Oil Company NAME OF WELL OPERATOR

ADDRESS

2225 Prudential Plaza, Chicago, Ill. COMPLETE ADDRESS

None COAL OPERATOR OR COAL OWNER

Nov. 11, 1968 PROPOSED LOCATION

ADDRESS

Reedy District

B. F. Heck et al OWNER OF MINERAL RIGHTS

Wirt County

Parkersburg, W. Va. ADDRESS

Well No. Five

R.C.Drennen-Surf.

B.F.Heck et.al. O. G. M. Farm

Elevation 975 Acres 56 unit

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,

Edwin Mohler

(Sign Name)

Jet Oil Company WELL OPERATOR

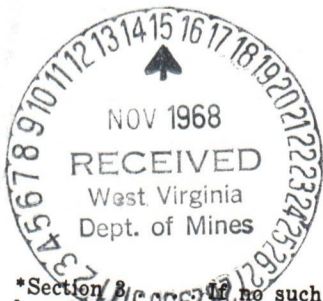
Address of Well Operator

2225 Prudential Plaza STREET

Chicago CITY OR TOWN

Illinois, 60601 STATE

01/12/2024



*Section 3 of the Code provides that 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.

BOND DRILL

WIR-567

PERMIT NUMBER

First main paragraph of text, appearing as a block of faint, illegible characters.

Second main paragraph of text, continuing the faint and illegible content.

Third main paragraph of text, with some faint markings and possibly a signature or name.

Fourth main paragraph of text, showing more faint, illegible characters.

Fifth main paragraph of text, continuing the faint and illegible content.

Sixth main paragraph of text, with some faint markings and possibly a signature or name.

Seventh main paragraph of text, continuing the faint and illegible content.

Eighth main paragraph of text, showing more faint, illegible characters.

Ninth main paragraph of text, continuing the faint and illegible content.

01/12/2024

CEMENT SERVICE REPORT



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

TREATMENT NUMBER 1-12-2637	STAGE NUMBER	DOWELL STATION Dowell 11-23-68	DATE
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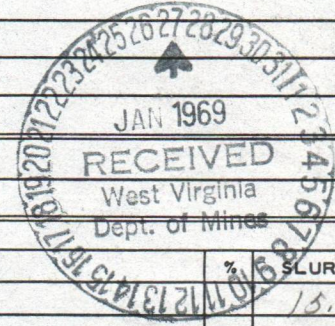
WELL NAME AND NUMBER Dowell # 5	LOCATION Dowell
COUNTY West	STATE W.Va
TYPE JOB Service Staging	DOWELL ENGINEER H.L. Bennett
NAME Jet Oil Co.	
ADDRESS Purdett Plaza	
CITY & STATE Chicago, Ill. 60601	

WELL DATA			
HOLE AND MUD	CASING		
	SIZE	A	B
HOLE SIZE 11	SIZE 8 5/8		STAGE TOOL
DEPTH 120'	WEIGHT 29.2		TYPE
ROT.	GRADE		DEPTH
CABLE	THREAD 8-		TYPE
BHT	TYPE		DEPTH
MUD TYPE	DEPTH		ROT.
	TYPE		RECIP.
MUD WT.	DEPTH		CENTRALIZER
MUD VISC.	CAPACITY 7.6		
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

JOB INSTRUCTIONS:

JOB SCHEDULED FOR 09:00 ARRIVED LOCATION 07:00 1500

TIME	PRESSURE		BARRELS PUMPED	DETAIL
	TBG. OR D.P.	CASING		
1500				Leave Javelin Rig Break down well case when ready
1520				valve. truck hooked up to well & ready to cement
1523				Break cir.
1527		0	10	start mixing cement
1530			17	Cement in displacer with 7.6's water
				stop shot well in
				(Customer did not want to run plug)
1600				off loc



REMARKS:

CEMENT DATA					
CUBIC FEET	BRAND	TYPE	% GEL.	OTHER ADMIXES	SLURRY WT.
524	Alpha	D	3%	Calc	15.8

CUBIC FEET: MIXED 54	DISPLACED 53	PUMPED BY <input checked="" type="checkbox"/> DOWELL	<input type="checkbox"/> RIG
PRESSURE: BREAKDOWN	AVERAGE	MEASURED BY <input checked="" type="checkbox"/> DISPLACEMENT	<input type="checkbox"/> WIRE LINE
FINAL	WASHED THRU: <input type="checkbox"/> YES <input type="checkbox"/> NO TO	PRESSURE MAXIMUM	MINIMUM
		WAS CIRCULATION LOST <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	WAS CEMENT CIRCULATED TO SURFACE <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
		CEMENT LEFT IN PIPE 8 FT.	<input type="checkbox"/> NECESSITY <input checked="" type="checkbox"/> 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 <input checked="" type="checkbox"/>	STORAGE B <input type="checkbox"/>
		BRINE C <input type="checkbox"/>	INJECTION D <input type="checkbox"/>

CALL BACK	DATE	CUSTOMER REPR. CONTRACTED	CUSTOMER CONSIDERED SERVICE:
			<input type="checkbox"/> SATISFACTORY <input type="checkbox"/> UNSATISFACTORY <input type="checkbox"/> UNKNOWN

01/12/2024

11-5-52

1-15-52

A

Person # 2

150

11

8-

2.1

Green

5/10

the bank

to oil
Bacterial glass

1000

Chicago 11

1200

1000

from tank Rd Breakdown will call when ready
color tank hooked up will 4 holes to ground
Break off

Start making cement
Cement in dipper with 1/2 water
11 Stop start well in
10 Cement in dipper with 1/2 water

(Customer did not want to see play)

off for

1200
12-50
12-53
12-57
12-50

1000

12.8

1000

3%

A

A/B

200

77

28

28

0

77

0

8

1

1



SERVICE AND INVOICE NUMBER
TERMS: NET 30. ADD LEGAL INTEREST THEREAFTER.

1-12-2457

Please indicate on all remittances and send to: **1579 EAST 21 STREET TULSA, OKLAHOMA 74114**

SERVICE ORDER RECEIPT AND INVOICE

DATE	CUSTOMER ORDER NO.	SHIPPED VIA	SERVICE FROM DOWELL STATION	OUTPOST
11-27-24	1-12-2457	Dowell Unit	Dowell	
WELL NAME AND NUMBER	LOCATION AND POOL		FRACTURING LICENSE FEE STATEMENT: Must be signed ONLY if the fracturing license fee does not apply because the fracturing fluid used in this treatment was either:	
Deer Creek	Deer Creek		1 - Unthickened water or acid. 2 - Crude oil produced from the same formation in the same field as the well being treated.	
COUNTY, CITY (IF WITHIN CITY LIMITS) & STATE	TYPE OF SERVICE		EXEMPT-GAL.	
Wind	Crack service string			
CUSTOMER'S NAME	ADDRESS		CUSTOMER BY	
Fort Oil Co.	Gradental Plaza		BY [Signature]	
CITY, STATE AND ZIP CODE	ZIP CODE		AUTHORIZED AGENT	
Chicago, Ill.	60601		SERVICE ORDER	
SERVICE INSTRUCTIONS:			IMPORTANT: SEE OTHER SIDE FOR TERMS & CONDITIONS	
			I have read, understood and agreed to the terms and conditions printed on the reverse side hereof and represent that I have full authority to accept same and sign this order.	
			CUSTOMER BY [Signature] AUTHORIZED AGENT	

ITEM NO.	QUANTITY	UNIT	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT PRICE	AMOUNT
H5070-006	1		Crack pump to 120A	173.00	
H4000-000	50		50% Crack	1.48	
H5002-001	200	lb	Crack (120A)	4.20	
H9100-001	50		Crack - 50% Crack	36	
H9102-001	60		Crack - 50% Crack	20	
SUB TOTAL					
Gallons License Fee					
Gallons License Fee					
% Tax on \$					
% Tax on \$					
TOTAL				\$	

FRACTURING LICENSE FEE STATEMENT: Must be signed ONLY if the fracturing license fee does not apply because the fracturing fluid used in this treatment was either:

1 - Unthickened water or acid.
2 - Crude oil produced from the same formation in the same field as the well being treated.

CUSTOMER BY [Signature] AUTHORIZED AGENT

SERVICE ORDER

IMPORTANT: SEE OTHER SIDE FOR TERMS & CONDITIONS

I have read, understood and agreed to the terms and conditions printed on the reverse side hereof and represent that I have full authority to accept same and sign this order.

CUSTOMER BY [Signature] AUTHORIZED AGENT

DOWELL ENGINEER [Signature] PAYROLL INITIALS [Signature]

RECEIPT: The undersigned hereby certifies that the materials and equipment listed above were received and the services were performed in a workmanlike manner.

CUSTOMER BY [Signature] AUTHORIZED AGENT

01/12/2024

DOWELL DIVISION OF THE DOW CHEMICAL COMPANY

TERMS AND CONDITIONS

In consideration of the prices to be charged as set forth in Dowell's Published Price Schedule and the performance of services and supplying of materials, customer agrees to the following terms and conditions:

TERMS. Cash in advance unless satisfactory credit is established. Customer agrees to pay total net billing price at Dowell's office, Tulsa, Oklahoma by the end of the month following the month of treatment or sale. Interest at the legal rate shall be charged thereafter.

TAXES. Any Federal or State sales, use, occupation, consumer's or emergency taxes are to be added to the price.

PRODUCT SALES AND TOOL RENTALS. Dowell warrants the goods furnished to be of the quality and specifications as represented, but its liability shall be limited to the sale or rental price of the goods not meeting such warranty. Dowell shall not be liable for any loss or damage resulting from any use that purchaser may make of such goods, whether or not used in accordance with recommendations. No express or implied warranty is given as to any results to be obtained.

DOWELL SERVICES. In rendering any service ordered by the customer Dowell shall be an independent contractor with the understanding, however, that customer has complete custody and control of the well, the conditions created in the well, the drilling equipment, well premises and access routes from highways to well locations. Customer will give Dowell reasonable notice for each service ordered and if required will furnish Dowell with written order for the same. Customer will have the well in readiness for the service. Customer will return well to production. Dowell will furnish equipment for transporting and placing the materials supplied by Dowell. Dowell agrees to furnish necessary technical personnel and equipment operators.

A reasonable attempt will be made to get from the highway to the location and back under our own power. If caterpillar or other towing equipment is required, same will be provided by customer at his expense. If customer does not provide towing equipment, when necessary, we will obtain same and bill customer at actual cost.

In interpreting well information and making recommendations, either written or oral, as to type or amount of material or service to be furnished, or manner of performance, or in predicting results to be obtained therefrom, Dowell will give customer the benefit of its best judgment based on its experience in the field. Nevertheless, all such recommendations or predictions are opinions only, and in view of the impracticability of obtaining first hand knowledge of the many variable well conditions and the necessity of relying on facts and supporting services furnished by others, no warranty is given concerning the effectiveness of the materials used, recommendations given, or the services rendered. The liability of Dowell for injury to persons or damage to property, including, but not limited to, reservoir loss or subsurface damage and surface damage arising from subsurface damage or well blowout, shall be limited to that occasioned by its willful misconduct or failure to exercise good faith and customer shall secure Dowell against loss or damage not expressly accepted herein by Dowell.

Customer further agrees to indemnify and hold harmless Dowell against all claims and suits based on subsurface trespass arising out of stimulation operations performed by Dowell for customer, this provision applying to all claims or legal actions by royalty owners, working interest owners or others claiming the fractured, acidized or treated areas extend beyond the property lines of customer and trespass into lands or leaseholds of adjacent property owners.

If tools or cable are lost in well, customer will make a reasonable effort at his expense to recover the equipment and agrees to indemnify and hold harmless Dowell from any loss or damages in connection therewith. Dowell shall not be liable for any loss or injury which may be occasioned by the use of equipment rented to customer, or any material used in connection therewith, nor for the acts of any persons engaged in the work and customer agrees to indemnify and hold harmless Dowell from any loss or damage in connection therewith.

In rendering any well service involving the use of a hazardous material including materials that are radioactive, poison, toxic, corrosive, flammable, or explosive, Dowell shall not be liable to customer or third parties for injuries or damages resulting from the use of such hazardous materials unless such injuries or damages are occasioned by Dowell's willful misconduct or failure to exercise good faith, and customer agrees to indemnify and hold harmless Dowell from any and all such liability not expressly accepted herein by Dowell.

Customer agrees that it occupies an equal bargaining position with Dowell and that the contractual liability assumed hereunder by customer is reasonable and equitable based on the nature of the services to be performed by Dowell.

OFFSHORE EQUIPMENT & MARINE OPERATIONS. In addition to the foregoing terms and conditions, which are applicable to offshore marine operations as well as land operations, Customer agrees to insure against loss and assumes full responsibility for damage to equipment furnished by Dowell, including truck or skid mounted pumpers, mixers, compressors, and auxiliary equipment from time of delivery to Customer at landing until returned to landing when transported on craft, or located on platforms not owned or leased by Dowell.

Customer shall furnish water transportation for crew changes.

PRICE CHANGES. All prices appearing in said Price Schedule are subject to change without notice.

Prices in this schedule apply to regular and usual jobs and operations. Special jobs, under unusual conditions, will be subject to special price quotations to reflect increased or reduced costs.

The term "Dowell" as used herein is a trade name of The Dow Chemical Company; and where used throughout this agreement shall be construed to mean The Dow Chemical Company and its Dowell Division.

NO EMPLOYEE IS EMPOWERED TO ALTER THE ABOVE TERMS AND CONDITIONS.

01/12/2024

CEMENTING SERVICE REPORT



TREATMENT NUMBER: 1-12-2693 STAGE NUMBER: DOWELL STATION: DATE: 12-2-58

WELL NAME AND NUMBER: no. 5 LOCATION: W. 1/4
 POOL: W. 1/4 FORMATION: W. 1/4
 COUNTY: W. 1/4 STATE: W. 1/4
 TYPE JOB: W. 1/4 DOWELL ENGINEER: H. L. Brown #
 NAME: First Oil Company
 ADDRESS: 3232 Perdue Blvd
 CITY & STATE: Chicago, Illinois 60601

WELL DATA			
HOLE AND MUD		CASING	
HOLE SIZE <u>7 1/8</u>	SIZE <u>1 1/2</u>	A	B
DEPTH <u>2652</u>	WEIGHT <u>2.5</u>		STAGE TOOL
ROT. <u>✓</u>	GRADE <u>3.53</u>		TYPE
CABLE	THREAD <u>8 X</u>		DEPTH
BHT	FLOAT TYPE <u>8 P.</u>		TYPE
MUD TYPE	DEPTH <u>2652</u>		ROT.
	SHOE TYPE <u>8 P. 1</u>		RECIP.
MUD WT. <u>?</u>	DEPTH <u>2618</u>		CENTRALIZER
MUD VISC. <u>85</u>	CAPACITY <u>424</u>		
TUBING-D. P.	HEADS & PLUGS	SQUEEZE	
SIZE	DOUBLE	PERFORATION	TYPE PACKER
WEIGHT	SINGLE <u>✓</u>	TO	
GRADE	SWEDGE	TO	DEPTH
THREAD	KNOCKOFF	TO	
NEW USED	TOP <u>✓</u>	TO	TAIL PIPE
DEPTH	BOTTOM	TO	SIZE
CAPACITY	OTHER		LENGTH

JOB INSTRUCTIONS:
 JOB SCHEDULED FOR: 12/1/58 ARRIVED LOCATION: 12/2/58

TIME	PRESSURE		BARRELS PUMPED	DETAIL
	TBG. OR D.P.	CASING		
1400			20	Wash pipe to 1500 ft. with 150° water.
			34	Wash pipe to 1500 ft. with 150° water.
1415				2000 Cement
1425			42	Displace
1432	100		84	Wash pipe to 1500 ft. with 150° water.
				First holdover
1530				Wash pipe

REMARKS:

CEMENT DATA					
CUBIC FEET	BRAND	TYPE	% GEL.	OTHER ADMIXES	% SLURRY WT.
142	1170	12		150° water	14.6

CUBIC FEET: MIXED 83 DISPLACED 76 PUMPED BY: DOWELL RIG
 PRESSURE: BREAKDOWN _____ MEASURED BY: DISPLACEMENT WIRE LINE
 AVERAGE _____ PRESSURE: MAXIMUM 100 MINIMUM _____
 FINAL 600 WAS CIRCULATION LOST: YES NO
 WASHED THRU: YES NO TO _____ WAS CEMENT CIRCULATED TO SURFACE: YES NO
 CEMENT LEFT IN PIPE 32 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. STORAGE BRINE INJECTION
 A B 01/12/2024

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



DOWELL DIVISION OF THE DOW CHEMICAL COMPANY

CUSTOMER **4101**SERVICE AND INVOICE NUMBER **1-32-2683**
TERMS: NET 30 ADD LEGAL INTEREST THEREAFTER **205615**Please indicate on all remittances and send to: **1579 EAST 21 STREET TULSA, OKLAHOMA 74114**

SERVICE ORDER RECEIPT AND INVOICE

DATE 12-2-63	CUSTOMER ORDER NO. Verbal	SHIPPED VIA Dowell units	SERVICE FROM DOWELL STATION Chaville	OUTPOST 47
WELL NAME AND NUMBER R.C. Dorman #2	LOCATION AND POOL Brady	FRACTURING LICENSE FEE STATEMENT: Must be signed ONLY if the fracturing license fee does not apply because the fracturing fluid used in this treatment was either: 1 - Unthickened water or acid. 2 - Crude oil produced from the same formation in the same field as the well being treated.		
COUNTY, CITY (IF WITHIN CITY LIMITS) & STATE W. Va., Wyo.	TYPE OF SERVICE Current long string	EXEMPT-GAL		
CUSTOMER'S NAME Jet Oil Company	CUSTOMER BY _____ AUTHORIZED AGENT			
ADDRESS 2225 Industrial Plaza	SERVICE ORDER			
CITY, STATE AND ZIP CODE ELIZABETH, W. VA. 26143	IMPORTANT: SEE OTHER SIDE FOR TERMS & CONDITIONS. I have read, understood and agreed to the terms and conditions printed on the reverse side hereof and represent that I have full authority to accept same and sign this order.			
SERVICE INSTRUCTIONS	CUSTOMER BY _____ AUTHORIZED AGENT			

ITEM NO.	QUANTITY	UNIT	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT PRICE	AMOUNT
4200-001	1		Drumwater to 2640ft	133.00	133.00
1930-001	1		4 1/2" top plug	6.60	6.60
2001-000	53		5/8" Cement	1.48	78.44
2002-001	15		Coil Checkers	5.67	85.05
2020-000	500		5/8" D-53 PER SEC	0.57	28.50
2005-000	100		5/8" D-53 PER SEC	0.45	45.00
2000-000	13		cup screw charge	1.70	22.10
2000-000	45		submerging 5,750 3/4" string rods	0.71	31.79
SUB TOTAL					613.13
Gallons License Fee					
Gallons License Fee					
3%	MATERIAL	Tax on \$	180.13	-0-	
3%	SERVICE	Tax on \$	433.00	-0-	
TOTAL					\$ 613.13

FRACTURING LICENSE FEE STATEMENT: Must be signed ONLY if the fracturing license fee does not apply because the fracturing fluid used in this treatment was either:
1 - Unthickened water or acid.
2 - Crude oil produced from the same formation in the same field as the well being treated.

CUSTOMER BY _____ AUTHORIZED AGENT

SERVICE ORDER

IMPORTANT: SEE OTHER SIDE FOR TERMS & CONDITIONS. I have read, understood and agreed to the terms and conditions printed on the reverse side hereof and represent that I have full authority to accept same and sign this order.

CUSTOMER BY _____ AUTHORIZED AGENT

DOWELL ENGINEER: **H.L. Record** PAYROLL INITIALS: **H.L.R.**

RECEIPT The undersigned hereby certifies that the materials and equipment listed above were received and the work was performed in a workmanlike manner. **01/12/2024**

CUSTOMER BY _____ AUTHORIZED AGENT



State of West Virginia

Department of Mines
Oil and Gas Division
Charleston 5

November 15, 1968

JET OIL COMPANY
2225 Prudential Plaza
Chicago, Illinois 60601

IN RE: PERMIT NO. WIR-567
FARM R.C.Drennen, S., B.F. Heck, et al
WELL NO. 5
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

01/12/2024



State of Virginia
 Department of the Interior
 Division of Geological and Historic Resources
 November 15, 1988

Division of Geological and Historic Resources
 100 North 17th Street
 Richmond, Virginia 23219

10-88-100
 COUNTY OF
 DISTRICT OF
 TOWN OF
 PARCEL NO.
 TRACT NO.

Reference:

Enclosed is Permit for Drilling the above described well.
 Please post this copy of permit at the well site and send
 two copies of this well record to this office within 90 days, when
 drilling has been completed.

Very truly yours,

Deputy Director
 Division of Geological and Historic Resources

Enclosure

Division of Geological and Historic Resources
 100 North 17th Street
 Richmond, Virginia 23219

Allen

B-1



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION 13

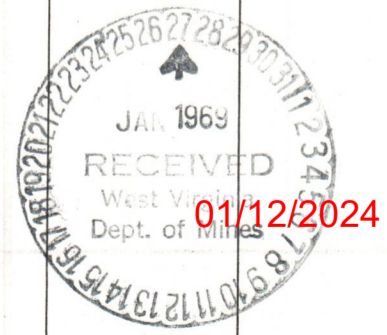
Rotary XX
Spudder
Cable Tools
Storage
Oil or Gas Well Oil
(KIND)

Quadrangle Spencer
Permit No. Wirt 567

WELL RECORD

Company <u>Jet Oil Company, a Delaware Corp.</u>	Casing and Tubing	Used in Drilling	Left in Well	Packers
Address <u>2225 Prudential Plaza, Chicago, Ill.</u>				
Farm <u>Drennen</u> Acres <u>51</u>	Size			
Location (waters) <u>Crane Nest Run</u>	16			Kind of Packer
Well No. <u>5</u> Elev. <u>985</u>	13			
District <u>Reedy</u> County <u>Wirt</u>	10			Size of
The surface of tract is owned in fee by <u>R.C.Drennen</u>	xxx <u>8-5/8</u>	<u>110</u>	<u>110</u>	Depth set
Address <u>Spencer</u>	6%			
Mineral rights are owned by <u>B.F.Heck et al</u>	5 3/16			Perf. top <u>2592</u>
Address <u>Parkersburg</u>	4 1/2	<u>2643</u>	<u>2643</u>	Perf. bottom <u>2602</u>
Drilling commenced <u>11/22/68</u>	3			Perf. top
Drilling completed <u>12/2/68</u>	2			Perf. bottom
Date Shot <u>From</u> <u>To</u>	Liners Used			
With				
Open Flow <u>/10ths Water in</u> <u>Inch</u>	Attach copy of cementing record. <u>8-5/8 w/ 50 sacks</u>			
<u>/10ths Merc. in</u> <u>Inch</u>	CASING CEMENTED <u>4-1/2</u> SIZE <u>2693</u> No. Ft. <u>12/2/68</u> Date			
Volume <u>Cu. Ft.</u>	Amount of cement used (bags) <u>75 sacks</u>			
Rock Pressure <u>lbs.</u> <u>hrs.</u>	Name of Service Co. <u>Dowell</u>			
Oil <u>bbls., 1st 24 hrs.</u>	COAL WAS ENCOUNTERED AT <u>FEET</u> <u>INCHES</u>			
WELL ACIDIZED (DETAILS)	<u>FEET</u> <u>INCHES</u> <u>FEET</u> <u>INCHES</u>			
WELL FRACTURED (DETAILS)	<u>FEET</u> <u>INCHES</u> <u>FEET</u> <u>INCHES</u>			
<u>2592-2602 water frac 30,500 lb sand,</u>				
<u>23,700 gals water 500 gals mud acid</u>				
RESULT AFTER TREATMENT (Initial open Flow or bbls.) <u>53</u>	<u>53 BOPD</u>			
ROCK PRESSURE AFTER TREATMENT <u>720 / 16</u> HOURS				
Fresh Water <u>Feet</u> Salt Water <u>Feet</u>				
Producing Sand <u>Berea</u> Depth <u>2592 - 2608</u>				

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Red Rock			0	330	8 5/8 @ 110'		
Slate & Shells			330	370			
Red Rock			370	460			
Slate & Shells			460	490			
Red Rock			490	520			
Slate & Shells			520	590			
Red Rock			590	630			
Slate & Shells			630	700			
Red Rock			700	750			
Sand			750	820			
Red Rock			820	850			
Slate & Shells			850	900			
Sand			900	940			
Slate & Shells			940	970			
Red Rock			170	1190			
Sand			1190	1230			
Shale			1230	1290			
Sand			1290	1410			
Shale & Sand			1410	1510			
Sand			1510	1602			
Shale & Sand			1602	1656			
Sand			1656	1694			
Shale & Sand			1694	1766			
Sand			1766	1808			
Shale & Sand			1808	1840			
Sand Broken			1840	1928			
Shale & Sand			1928	1960			
Sand			1960	2088			



B-2

Formation	Color	Hard or Soft	Top /3	Bottom	Oil, Gas or Water	Depth Found	Remarks
Shale			2088	2100			
Lime			2100	2156			
Sand			2156	2224			
Shale & Shells			2224	2568			
Brown Shale			2568	2592			
Sand (show oil in samples)			2592	2607			
Shale			2607	2653			

01/12/2024

Date _____, 19____
 APPROVED _____, Owner
 By _____ (Title)

B-3

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

INSPECTOR'S WELL REPORT

Permit No. WIR-567

Oil or Gas Well _____
(KIND)

Company <u>DET OIL COMPANY</u> <u>R 225 PRUDENTIAL PLAZA</u> <u>CHICAGO, ILLINOIS 60601</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
	Address	Size		
Farm <u>AC. BRENNEN SURF, J. B. HECK, et al.</u>	16			
Well No. <u>5</u>	13			Size of
District <u>PEERY</u> County <u>WIRT</u>	10			
Drilling commenced <u>11-18-68</u>	8 3/4 ^{ORH} _{5/8}	<u>110'</u>	<u>110'</u>	Depth set
Drilling completed <u>12-1-68</u> Total depth <u>2653</u>	6 5/8			
Date shot _____ Depth of shot _____	5 3/16			
Initial open flow _____ /10ths Water in _____ Inch	4 1/2		<u>2653'</u>	Perf. top
Open flow after tubing _____ /10ths Merc. in _____ Inch	2			Perf. bottom
Volume _____ Cu. Ft.	Liners Used			Perf. top
Rock pressure _____ lbs. _____ hrs.				Perf. bottom
Oil _____ bbls., 1st 24 hrs.	<u>CEMENTURE - 8 5/8 - 110' - 11-23-68</u> <u>75315 - 4 1/2 SIZE 2650 No. FT 12-1-68</u>			
Fresh water <u>NONE</u> feet _____ feet	NAME OF SERVICE COMPANY <u>HOWELL</u>			
Salt water <u>2200</u> feet _____ feet	COAL WAS ENCOUNTERED AT <u>NONE</u> FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			

Drillers' Names W. C. SMITH - ARCHIE CARTER - FRANK WILSON

STATCO DRILLING CO - ROTARY WELLS

Remarks: WELL FRACTURE



Henry A. ...
DISTRICT WELL INSPECTOR

12-3-68
DATE

01/12/2024

B-4



State of West Virginia
Department of Mines
Oil and Gas Division
Charleston 5

January 28, 1969

Mr. Harry Holliday
Box 211
Grantsville, W. Va.

IN RE: PERMIT WIR-567
COMPANY JET OIL CO.
FARM DRENNEN
WELL NO. 5
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/lis

01/12/2024

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



INSPECTOR'S WELL REPORT

Permit No. WIR-567

Oil or Gas Well OAG
(KIND)

Company <u>DET OIL COMPANY</u> <u>2225 PRUDENTIAL PLAZA</u> Address <u>CHICAGO, ILL - 60601</u> Farm <u>R.C. BRENNEN (56A)</u> Well No. <u>5</u> District <u>REEDY</u> County <u>WIRT</u> 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 _____ feet _____ feet Salt water _____ feet _____ feet	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
	Size			Kind of Packer
	16			
	13			
	10			Size of
	8 1/4			
	6 5/8			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 _____

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

BOND CANCELLED
RETURNED TO WELL OPERATOR AND/OR PRINCIPAL

2/4/69

1-30-69
DATE

Harry J. Holliday
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
Elizabeth, W. Va.

IN RE: Permit WIR-567
Farm B. F. Heck, etal O.G.M.
Well No. 5
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.

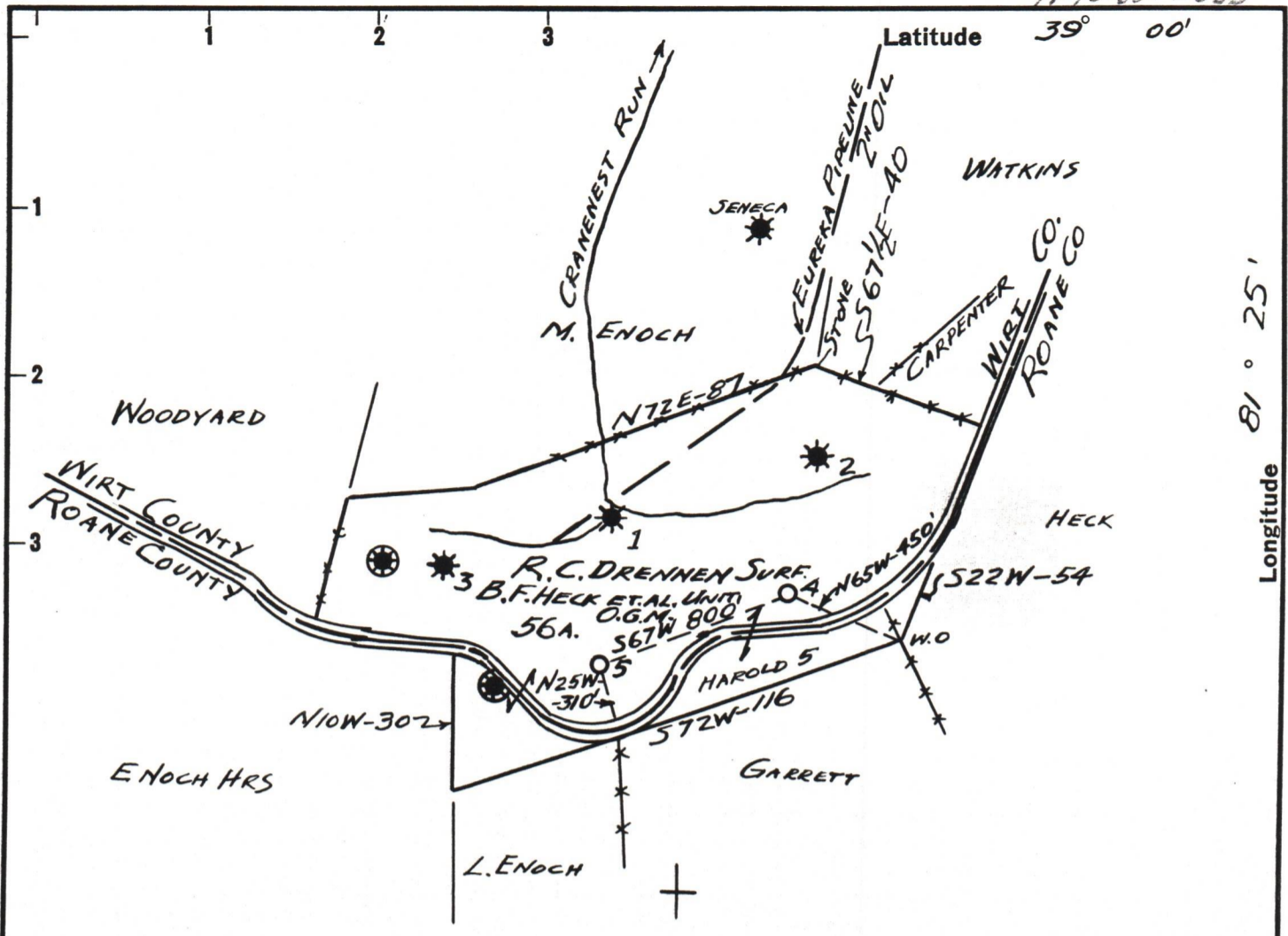
Very truly yours,

Deputy Director
Oil and Gas Wells Division

Enclosure: 1 bond

b

11-15-68-Dodd



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

ELEV. REFER. U.E. 1089 FT ON B.O. BESIDE RIDGE RD.

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 56 UNIT Acres _____ Lease No. _____
 Well (Farm) No. JET No. 5 Serial No. _____
 Elevation (Spirit Level) 975 FT.
 Quadrangle SPENCER
 County WIRT District REEDY
 Engineer Glen W. Roberts
 Engineer's Registration No. 860
 File No. _____ Drawing No. _____
 Date Nov. 11, 1968 Scale 1 IN = 660 FT.

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

WELL LOCATION MAP
 FILE NO. Wirt-567
 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.