



FORM IV-2
(Obverse)
(08-78)

Date: August 3, 19 81

Operator's Well No. 2-S-186

API Well No. 47 - 015 - 1992
State County Permit

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

OIL AND GAS WELL PERMIT

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

LOCATION: Elevation: 1016 Watershed: Stinson Creek
District: Otter County: Clay Quadrangle: Chloe

WELL OPERATOR Stonestreet Lands Company DESIGNATED AGENT O.V. Stonestreet
Address P.O. Box 350 Address P.O. Box 350
Spencer, W.Va. Spencer, W.Va.

OIL & GAS ROYALTY OWNER Virgil Boggs et al COAL OPERATOR None
Address Nebo Address
W.Va.

Acreage 100 COAL OWNER(S) WITH DECLARATION ON RECORD:

SURFACE OWNER Virgil Boggs Name None
Address Nebo Address
W.Va.

Acreage 100 Name None
Address

FIELD SALE (IF MADE) TO:
Address Not made

OIL & GAS INSPECTOR TO BE NOTIFIED Name Martin Nichols
Address P.O. Box 554
Clendenin, W.Va.

COAL LESSEE WITH DECLARATION ON RECORD:
Name None
Address

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The undersigned well operator is entitled to operate for oil or gas purposes at the above location under a deed / lease X other contract / dated March 12, 19 81, to the undersigned well operator from Virgil Boggs et al

(If said deed, lease, or other contract has been recorded:)
Recorded on March 19, 19 81, in the office of the Clerk of the County Commission of Clay County, West Virginia in Lease Book 40 at page 715. A permit is requested as follows:

PROPOSED WORK: Drill X / Drill deeper / Redrill / Fracture or stimulate /
Plug off old formation / Perforate new formation /
Other physical change in well (specify)
—planned as shown on the work order on the reverse side hereof.

The above named coal operator, coal owner(s), and coal lessee are hereby notified that any objection they wish to make or are required to make by Code §22-4-3 must be filed with the Department of Mines within fifteen (15) days after the receipt of this Application by the Department.

Copies of this Permit Application and the enclosed plat and reclamation plan have been mailed by registered mail or delivered by hand to the above named coal operator, coal owner(s), and coal lessee on or before the day of the mailing or delivery of this Permit Application to the Department of Mines at Charleston, West Virginia.

PLEASE SUBMIT COPIES OF ALL GEOPHYSICAL LOGS DIRECTLY TO:
WEST VIRGINIA OIL AND GAS CONSERVATION COMMISSION
1615 WASHINGTON STREET EAST
CHARLESTON, WV 25311
TELEPHONE: (304) 348-3092

05/17/2024
Stonestreet Lands Company
Well Operator
By [Signature]
Its President

BLANKET BOND

PROPOSED WORK ORDER

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

DRILLING CONTRACTOR (IF KNOWN) Not known at this time

Address _____

GEOLOGICAL TARGET FORMATION, Big Injun

Estimated depth of completed well, 2063 feet Rotary X / Cable tools _____ /

Approximate water strata depths: Fresh, 60 feet; salt, _____ feet.

Approximate coal seam depths: None Is coal being mined in the area? Yes _____ / No X /

CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS					FOOTAGE INTERVALS		CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS	
	Size	Grade	Weight per ft	New	Used	For drilling	Left in well		Kinds	Sizes
Conductor										
Fresh Water	8 5/8	T & C	28.55		X	210	210	Cement to surface	None	
Coal										
Intermediate										
Production	4 1/2	K-55	10.5	X			2063	As required	Depths set	None
Tubing								<i>Rule 1301</i>		
Liners									Perforations:	
									Top	Bottom

NOTE: Regulation 7.02 of the Department of Mines provides that the original and four copies of Form IV-2 must be filed with the Department, accompanied by (i) a plat in the form prescribed by Regulation 11, (ii) a bond in one of the forms prescribed by Regulation 12, or in lieu thereof the other security allowed by Code § 22-4-2, (iii) Form IV-9, "Reclamation Plan", applicable to the reclamation required by Code § 22-4-12b and Regulation 23, (iv) unless previously paid on the same well, the fee required by Code § 22-4-12a, and (v) if applicable, the consent required by Code § 22-4-8a from the owner of any water well or dwelling within 200 feet of the proposed well.

A separate Form IV-2 shall not be required for fracturing or stimulating a well where fracturing or stimulating is to be part of the work for which a permit is sought and is noted as such on the Form IV-2 filed in connection therewith.

THIS PERMIT MUST BE POSTED AT THE WELL SITE

All provisions being in accordance with Chapter 22, of the W. Va. Code, the location is hereby approved for drilling. This permit shall expire if operations have not commenced by 4-11-82.

[Signature]
Deputy Director - Oil & Gas Division

The following waiver must be completed by the coal operator and by any coal owner or coal lessee who has recorded a declaration under Code 22-4-20, if the permit is to be issued within fifteen (15) days of receipt thereof.

WAIVER

The undersigned coal operator _____ / owner _____ / lessee _____ / of the coal under this well location has examined this proposed well location. If a mine map exists which covers the area of the well location, the well location has been added to the mine map. The undersigned has no objection to the work proposed to be done at this location, provided, the well operator has complied with all applicable requirements of the West Virginia Code and the governing regulations.

05/17/2024

Date: _____, 19 _____

By _____
Its _____

Date AUGUST 3 1981
Well No. 2-5-186
API No. 47 - 015 - 1992
State County Permit

STATE OF WEST VIRGINIA
OFFICE OF OIL AND GAS

Company Name Stonestreet Lands Company Designated Agent O.V. Stonestreet
Address P.O. Box 350 Address P.O. Box 350
Telephone 927-2800 Telephone 927-2800
Landowner VIRGIL BOGGS Soil Cons. District Elk

Revegetation to be carried out by Stonestreet Lands Company (Agent)
This plan has been reviewed by Elk SCD. All corrections
and additions become a part of this plan. 8-4-81 (Date) Virgil Boggs (SCD Agent)

Access Road	Structure	Location
Culvert (A)	Diversion Terrace (1)	Earth
Water Bar (B)	Rip Rap (2)	Rock
Rip Rap (C)		

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All structures should be inspected regularly and repaired if necessary.

Revegetation

OIL & GAS DIVISION
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Treatment Area I	Treatment Area II
Lime <u>6.5</u> Tons/acre or correct to pH <u>6.5</u>	Lime <u>6.5</u> Tons/Acre or correct to pH <u>6.5</u>
Fertilizer <u>500</u> lbs/acre (10-20-20 or equivalent)	Fertilizer <u>500</u> lbs/acre (10-20-20 or equivalent)
Mulch <u>Hay</u> Tons/Acre	Mulch <u>Hay</u> Tons/Acre
Seed* <u>KY 31</u> 30 lbs/acre <u>W Love Grass</u> 5 lbs/acre <u>Ladino Clover</u> 10 lbs/acre	Seed* <u>KY 31</u> 30 lbs/acre <u>W Love Grass</u> 5 lbs/acre <u>Ladino Clover</u> 10 lbs/acre

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

Attach or photocopy section of involved Topographic map. Quadrangle CHLOE 7.5

Legend: Well Site
 Access Road



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IV-35 (Rev 8-81)

State of West Virginia Department of Mines Oil and Gas Division

Date October 4, 1982 Operator's Well No. 2-S-186 Farm Virgil Boggs API No. 47 - 015 - 1992

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

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

LOCATION: Elevation: 1016 Watershed Stinson Creek District: Otter County Clay Quadrangle Chloe

COMPANY Stonestreet Lands Company ADDRESS P.O. Box 350, Spencer, WV DESIGNATED AGENT O. V. Stonestreet ADDRESS P.O. Box 350, Spencer, WV SURFACE OWNER Virgil Boggs ADDRESS Nebo, WV MINERAL RIGHTS OWNER Virgil Boggs, etal ADDRESS Nebo, WV OIL AND GAS INSPECTOR FOR THIS WORK Martin Nichols ADDRESS Clendenin, WV PERMIT ISSUED 8-5-81 DRILLING COMMENCED 10-26-81 DRILLING COMPLETED 11-5-81

Table with 4 columns: Casing & Tubing, Used in Drilling, Left in Well, Cement fill up Cu. ft. Rows include sizes 20-16, 13-10, 9 5/8, 8 5/8, 7, 5 1/2, 4 1/2, 3, 2, and Liners used.

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

GEOLOGICAL TARGET FORMATION Big Injun Depth 2027 feet Depth of completed well 2027 feet Rotary x / Cable Tools Water strata depth: Fresh 75 feet; Salt Coal seam depths: None Is coal being mined in the area? No

OPEN FLOW DATA

Producing formation Big Injun Pay zone depth 2027 feet Gas: Initial open flow 0 Mcf/d Oil: Initial open flow 0 Bbl/d Final open flow 60 Mcf/d Oil: Final open flow 0 Bbl/d Time of open flow between initial and final tests 24 hours Static rock pressure 380 psig(surface measurement) after 72 hours shut in (If applicable due to multiple completion--)

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Second producing formation Pay zone depth feet Gas: Initial open flow Mcf/d Oil: Initial open flow Bbl/d Final open flow Mcf/d Oil: Final open flow Bbl/d Time of open flow between initial and final tests hours Static rock pressure psig(surface measurement) after hours shut in

(Continue on reverse side)

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

Well Treatment

1000 gal 15% HCL
 10,000 lbs 20/50 sand
 2000 lbs KCL
 350 lbs J-266
 17 gal W22
 8 gal F-78

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS
					Including indication of all fresh and salt water, coal, oil and gas
Clay			0	16	
Sand & Shale			16	111	
Red Rock			111	312	
Sand & Shale			312	475	
Red Rock			475	642	
Shale			642	845	
Sand & Shale			845	1114	
Salt Sand			1114	1270	
Sandy Shale			1270	1500	
Salt Sand			1500	1526	
Shale			1526	1558	
Salt Sand			1558	1601	
Shale			1601	1612	
Salt Sand			1612	1660	
Shale			1660	1702	
Salt Sand			1702	1776	
Shale			1776	1805	
Maxton			1805	1846	
Little Lime			1846	1872	
Blue Monday			1872	1888	
Pencil Cave			1888	1910	
Big Lime			1910	2038	
Big Injun			2038	2101	Bridge Plug set at 2102
Shale			2101	2622	TD

(Attach separate sheets as necessary)

Stonestreet Lands Company
 Well Operator
 By: [Signature] General Manager
 Date: October 4, 1982

05/17/2024

Note: Regulation 2.02(i) provides as follows:
 "The term 'log' or 'well log' shall mean a systematic detailed geological record of all formations, including coal, encountered in the drilling of a well."

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

INSPECTOR'S WELL REPORT

Permit No. 015-1992

Oil or Gas Well Gas
(KIND)

Company <u>Stonestreet Lands Company</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Address <u>Spencer, WV</u>	Size			
Farm <u>Virgil Boggs</u>	16			Kind of Packer
Well No. <u>2-S-186</u>	13			
District <u>Utter</u> County <u>Clay</u>	10			Size of
Drilling commenced <u>10-26-81</u>	8 1/4 <u>5/8</u>	<u>200</u>	<u>200</u>	Depth set
Drilling completed <u>11-5-81</u> Total depth <u>2622</u>	6 5/8			
Date shot _____ Depth of shot _____	5 3/16			
Initial open flow _____ /10ths Water in _____ Inch	3 1/2	<u>2622</u>	<u>2622</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.	CASING CEMENTED <u>8 5/8</u> SIZE <u>200</u> No. FT. <u>10-27-81</u> Date			
Fresh water _____ feet _____ feet	NAME OF SERVICE COMPANY <u>Dowell</u>			
Salt water _____ feet _____ feet	COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			

Drillers' Names _____

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Remarks: 8 5/8 Cemented with 80 Bags
4 1/2 Cemented with 200 Bags

OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

11-9-81
DATE

Martin B. Nichols 05/17/2024
508
DISTRICT WELL INSPECTOR



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

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FINAL INSPECTION REPORT
INSPECTORS COMPLIANCE REPORT

COMPANY STONE STREET LANDS CO.
P. O. Box 350
SPENCER, W.V. 25276

PERMIT NO 47-015-1992
FARM & WELL NO BOGGS / 2-5-186
DIST. & COUNTY OTTER / CLAY

RULE	DESCRIPTION	IN COMPLIANCE	
		YES	NO
23.06	Notification Prior to Starting Work	_____	_____
25.04	Prepared before Drilling to Prevent Waste	_____	_____
25.03	High-Pressure Drilling	_____	_____
16.01	Required Permits at Wellsite	_____	_____
15.03	Adequate Fresh Water Casing	_____	_____
15.02	Adequate Coal Casing	_____	_____
15.01	Adequate Production Casing	_____	_____
15.04	Adequate Cement Strenght	_____	_____
15.05	Cement Type	_____	_____
23.02	Maintained Access Roads	_____	_____
25.01	Necessary Equipment to Prevent Waste	_____	_____
23.04	Reclaimed Drilling Pits	_____	_____
23.05	No Surface or Underground Pollution	_____	_____
23.07	Requirements for Production & Gathering Pipelines	_____	_____
16.01	Well Records on Site	_____	_____
16.02	Well Records Filed	_____	_____
7.05	Identification Markings	_____	_____

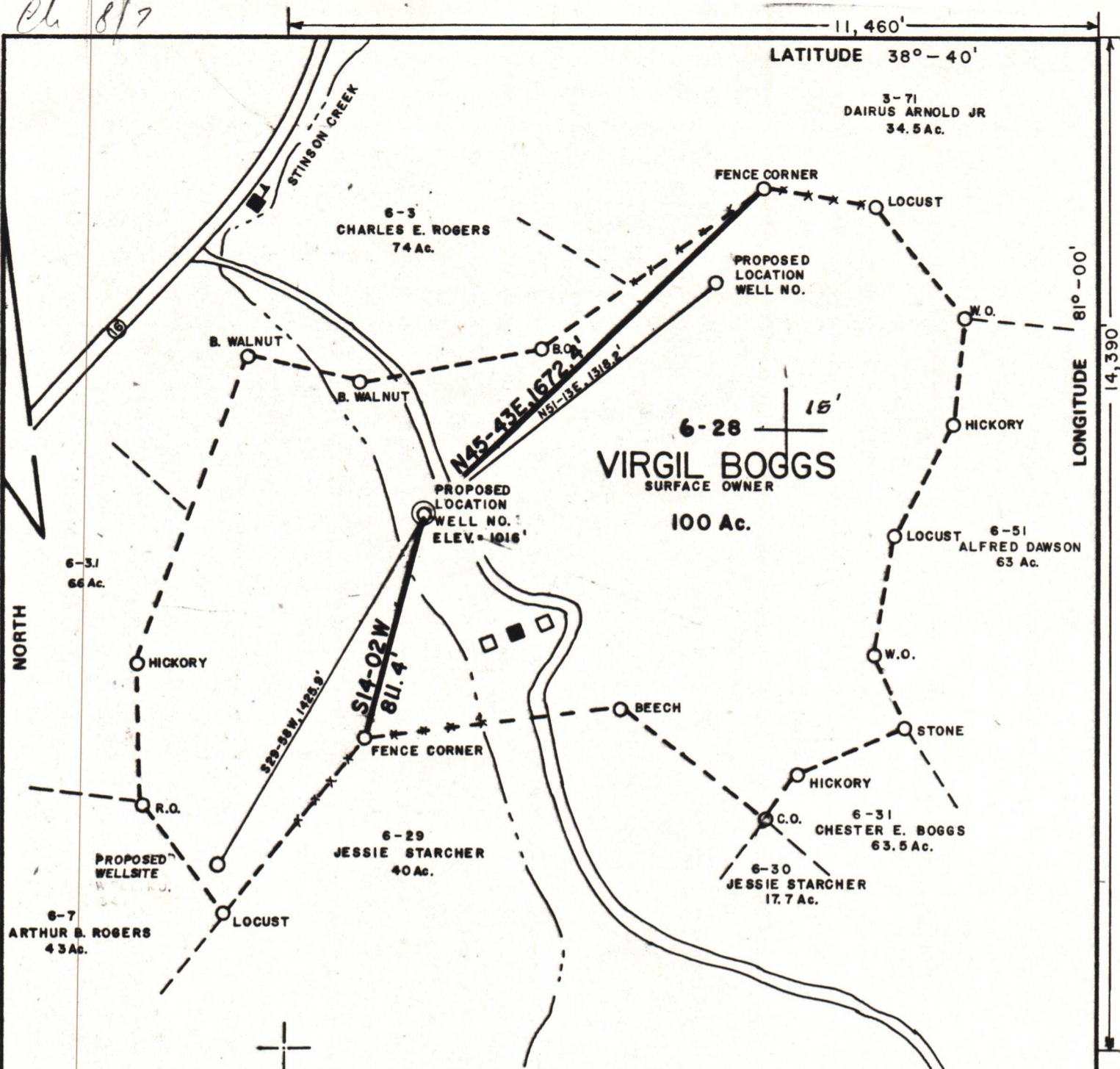
I HAVE INSPECTED THE ABOVE CAPTIONED WELL AND RECOMMEND THAT IT BE RELEASED:

SIGNED Graig Duckworth
DATE 2/6/85

Your well record was received and reclamation requirements approved. In accordance with Chapter 22, Article 4, Section 2, the above well will remain under bond coverage for the life of the well.

T. L. ...
Administrator-Oil & Gas Division

March 15, 1985
DATE



FILE NO. Boggs
 DRAWING NO. _____
 SCALE 1" = 500'
 MINIMUM DEGREE OF ACCURACY 1:200
 PROVEN SOURCE OF ELEVATION STINSON CREEK BRIDGE
B.M. ELEV = 907'

I THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND THE REGULATIONS ISSUED AND PRESCRIBED BY THE DEPARTMENT OF MINES.
 (SIGNED) Cliff Wilkie
 R.P.E. _____ L.L.S. 717

PLACE SEAL HERE

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
 FORM IV-6 (8-78)
 WELL TYPE: OIL ___ GAS LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS,") PRODUCTION ___ STORAGE ___ DEEP ___ SHALLOW
 LOCATION: ELEVATION 1016' WATER SHED STINSON CREEK
 DISTRICT OTTER COUNTY CLAY
 QUADRANGLE CHLOE 7.5'
 SURFACE OWNER VIRGIL BOGGS ACREAGE 100
 OIL & GAS ROYALTY OWNER VIRGIL BOGGS ET AL. LEASE ACREAGE 100
 LEASE NO. _____
 PROPOSED WORK: DRILL CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR STIMULATE ___ PLUG OFF OLD FORMATION ___ PERFORATE NEW FORMATION ___ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____
 PLUG AND ABANDON ___ CLEAN OUT AND REPLUG ___
 TARGET FORMATION BIG INJUN ESTIMATED DEPTH 2063'
 WELL OPERATOR STONESTREET LANDS CO DESIGNATED AGENT O. V. STONESTREET
 ADDRESS SPENCER WV ADDRESS SPENCER WV

STATE OF WEST VIRGINIA DEPARTMENT OF MINES OIL AND GAS DIVISION

DATE JULY 26, 1981
 OPERATOR'S WELL NO. 2-5-186
 API WELL NO. 47-015-1992
 STATE COUNTY PERMIT

05/17/2024