



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

RECEIVED

JUN 18 1976

OIL & GAS DIVISION
DEPT. OF MINES

Oil and Gas Division

OIL AND GAS WELL PERMIT APPLICATION

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

DATE June 17, 1976

Surface Owner T. J. Smith

Company Lauderman Oil & Gas Drilling

Address West Union, RFD, West Virginia

Address P. O. Box 266'

Mineral Owner T. J. Smith

Farm T. J. Smith Acres 78

Address T. J. Smith

Location (waters) Nutters Fork

Coal Owner T. J. Smith

Well No. 2 Elevation 765 921'

Address West Union, RFD, West Virginia

District West Union County Doddridge

Coal Operator T. J. Smith

Quadrangle _____

Address West Union, RFD, West Virginia

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 deepening. This permit shall expire if operations have not commenced by 10-18-76.

Deputy Director - Oil & Gas Division

INSPECTOR TO BE NOTIFIED Paul Garrett
PH: 622-3871 ADDRESS Clarksburg, WV.

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 21, 1902 by T. J. & Z. S. Smith made to J. L. Newman and recorded on the _____ day of _____ 19____, in Doddridge County, Book 21 Page 202

NEW WELL DRILL DEEPER _____ REDRILL _____ FRACTURE OR STIMULATE _____
OIL AND GAS WELL ORIGINALLY DRILLED BEFORE JUNE 5, 1969.

This lease assigned to Lauderman Oil & Gas Drilling from Williston Oil Corp. The enclosed plat was prepared by a registered engineer or licensed land surveyor and all coal owners and/or operators have been notified as of the above date.

under assignment dated the 25th day of March 1975-- Recorded in West Union County Clerks Office Book 100, Page 3. The above named coal owners and/or operator are hereby notified that any objection they wish to make, or are required to make by Section 3 of the Code, must be received by, or filed with the Department of Mines within ten (10) days. *

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.

PLEASE SUBMIT COPIES OF ALL GEOPHYSICAL LOGS DIRECTLY TO:
West Virginia Geological and Economic Survey
P. O. Box 879
Morgantown, W. Va. 26505

Very truly yours,
(Sign Name) [Signature]
Well Operator

Address 110 West Main Street
of Street
Well Operator Paden City
City or Town
West Virginia 26159
State

12/08/2023

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

BLANKET BOND

DOD-1819-DD _____ PERMIT NUMBER

47 017

(Second Deepening (9-7-76))

**THIS IS AN ESTIMATE ONLY
ACTUAL INFORMATION WILL BE SUBMITTED ON OG-10 UPON COMPLETION**

PROPOSED WORK ORDER TO _____ DRILL DEEPEN _____ FRACTURE-STIMULATE _____
 DRILLING CONTRACTOR: (If Known) _____ RESPONSIBLE AGENT: _____
 NAME Lauderman Oil & Gas Drilling NAME Phillip Morgan
 ADDRESS 110 West Main Street, Paden City ADDRESS Box 164, RFD #1, St. Marys
 TELEPHONE 337-2215 TELEPHONE 684-3845
 ESTIMATED DEPTH OF COMPLETED WELL: _____ ROTARY _____ CABLE TOOLS
 PROPOSED GEOLOGICAL FORMATION: 30 Foot Sand or Gordon Sand
 TYPE OF WELL: OIL _____ GAS COMB. _____ STORAGE _____ DISPOSAL _____
 RECYCLING _____ WATER FLOOD _____ OTHER _____

TENTATIVE CASING PROGRAM:

CASING AND TUBING SIZE	USED FOR DRILLING	LEFT IN WELL	CEMENT FILL UP OR SACKS - CUBIC FT.
20 - 16			
13 - 10			
9 - 5/8			
8 - 5/8			
7			
5 1/2			
4 1/2	Cement Pipe Through Pay or Set on Inverse Packer After Drill-in.		Perf. Top
3			Perf. Bottom
2			Perf. Top
Liners			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS 30 FEET _____ SALT WATER _____ FEET _____
 APPROXIMATE COAL DEPTHS 417 to 422
 IS COAL BEING MINED IN THE AREA? No BY WHOM? _____

TO DRILL:

SUBMIT FIVE (5) COPIES OF OG - 1, \$100.00 PERMIT FEE, PERFORMANCE BOND AND PERMANENT COPY OF PLAT.

TO DRILL DEEPER OR REDRILL:

SUBMIT FIVE (5) COPIES OF OG - 1, SHOWING ORIGINAL PERMIT NUMBER AND PERFORMANCE BOND. ON WELLS DRILLED PRIOR TO 1929, A PERMANENT COPY OF THE PLAT AND THE ORIGINAL WELL RECORD MUST ALSO BE SUBMITTED. Copies of Plat with Department, sent in with plugging request to plug this well

TO FRACTURE - STIMULATE:

OIL AND/OR GAS WELL ORIGINALLY DRILLED BEFORE JUNE 5, 1929, FIVE (5) COPIES OG - 1, PERFORMANCE BOND, PERMANENT PLAT AND ORIGINAL WELL RECORD.
 OIL AND/OR GAS WELL ORIGINALLY DRILLED ON AND/OR AFTER JUNE 5, 1929, FIVE COPIES OG - 1, SHOWING ORIGINAL PERMIT NUMBER, AND PERFORMANCE BOND.

Required forms must be filed within ninety (90) days of completion for bond release. Inspector to be notified twenty-four (24) hours in advance.

The following waiver must be completed by the coal operator if the permit is to be issued within ten days of receipt thereof.

WAIVER: I the undersigned, Agent for _____ Coal Company, Owner or Operator of the coal under this lease have examined and place on our mine maps this proposed well location.
 We the _____ Coal Company have no objections to said well being drilled at this location, providing operator has complied with all rules and regulations in Articles 4, 5, and 7, Chapter 22 of the West Virginia Code.

12/08/2023

For Coal Company

Official Title

FROM

Mr. Robert Dodd
Department of Mines
Oil & Gas Division
1613 Washington Street East
Charleston, West Virginia 25311

TO

LAUDERMAN OIL & GAS DRILLING
Gerald W. Lauderman
110 WEST MAIN STREET
PADEN CITY, WEST VIRGINIA 26159

SUBJECT: T. J. Smith #2

DATE: 9/2/76

FOLD ↑

Request permission to continue drilling to the Balltown and
Benson Sands.
Approximately 5000'

RETURN TO →

SIGNED

REPLY

9/7/76

OK - Go ahead and continue drilling - DOD-1819-D

Robert Dodd

DATE:

SIGNED

TO Mr. Robert Dodd
Department of Mines
Oil & Gas Division
1613 Washington Street East
Charleston, West Virginia 25311

FROM

LAUDERMAN OIL & GAS DRILLING
Gerald W. Lauderman
110 WEST MAIN STREET
PADEN CITY, WEST VIRGINIA 26159

SUBJECT: T. J. Smith #2, Permit #DOD-1819-DD (Second Deepening) DATE: 2-15-77

FOLD ↑

Dear Mr. Dodd:

At present time, due to lack of contractors, we have not deepened the T. J. Smith #2 to the Balltown or Gordon Sands from 2534'. Therefore, we have no drilling record of such.

Thank You

Phillip Morgan
LAUDERMAN OIL & GAS DRILLING

PLEASE REPLY TO →

SIGNED

Phillip Morgan / PM

REPLY

DATE:

SIGNED

RECEIVED

FEB 16 1977

OIL & GAS DIVISION
DEPT. OF MINES

LAUDERMAN OIL & GAS DRILLING
Gerald W. Lauderman
110 WEST MAIN STREET
PADEN CITY, WEST VIRGINIA 26159

Mr. Robert Dodd
Department of Mines
Oil & Gas Division
1415 Washington Street East
Charleston, West Virginia 25311

REPLY TO: Mr. U. Smith #2, Permit #100-1819-01 (Record use only) 3-15-77

Dear Mr. Dodd:

At present time, due to lack of contractors, we have not
been able to have U. Smith #2 to the railroad or Gordon Street
area. Therefore, we have no drilling record of such.

Thank you

Gerald W. Lauderman
LAUDERMAN OIL & GAS DRILLING

Gerald W. Lauderman

PLEASE REPLY TO: Mr. U. Smith #2

West Virginia
Department of Energy

Date May 8, 1986

To: Mike Underwood

From: Charlotte Milam (348-3741)

- For your information.
- For your approval.
- Your comments, please.
- Please explain.
- Please note and file.
- Please note and return to me.
- To be signed.
- Please take charge of this.
- Please answer, send me copy of your letter.
- Please prepare reply for my signature.
- Please prepare reply for _____ signature.
- Please see me.
- Urgent.

Remarks:

Mike:

We need a Final Inspection on the following wells permitted to Lauderman Oil & Gas Co.

DOD-1819-DD - I.J. Smith #2 - West Union

DOD1846-P - H.C. Smith Hrs. #1 - Grant

Who is responsible for DOD-1819-DD since Mr. Lauderman is no longer in business???

Permits - Plats - well record & affidavit enclosed.....

Att. To.

Charlotte Milam

5-14-86

Copy sent to
Charlotte 5-22-86

Charlotte Milam you sent me
a note, wanting to know over of
1819 D.D., it's the same as 017-2556.

You have a Agent - Bond - and operator
on file for 017-2556 - pull it and put
017-1819 D.D. on the same Agent and
operator ———— Jim's M/OU.

12/08/2023



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STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

OIL & GAS DIVISION
DEPT. OF MINES

Oil and Gas Division
WELL RECORD

Rotary _____ Oil _____
Cable _____ Gas _____
Recycling _____ Comb. _____
Water Flood _____ Storage _____
Disposal _____ (Kind) _____

Quadrangle West Union
Permit No. DOD-1819

Company <u>Lauderman Oil & Gas Drilling</u>	Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Address <u>110 West Main, Paden City, West Vir.</u>				
Farm <u>T. J. Smith</u> Acres <u>78</u>	Size			
Location (waters) <u>Nutters Fork</u>	20-16			
Well No. <u>2</u> Elev. <u>921</u>	Cond.	17	17	
District <u>West Union</u> County <u>Doddridge</u>	13-10"	168	168	
The surface of tract is owned in fee by <u>T. J. Smith</u>	9 5/8			
Address <u>West Union, West Virginia</u>	8 5/8	943	943	
Mineral rights are owned by <u>T. J. Smith</u>	7	1699	1699	
Address <u>West Union, West Vir.</u>	5 1/2			
Drilling Commenced <u>2-20-24</u>	4 1/2			
Drilling Completed <u>4-1-24</u>	3			
Initial open flow _____ cu. ft. _____ bbls.	2	1750	1750	
Final production _____ cu. ft. per day _____ bbls.	Liners Used			
Well open _____ hrs. before test _____ RP.				
Well treatment details:	Attach copy of cementing record.			

Coal was encountered at 417-4-22 Feet _____ Inches
Fresh water _____ Feet _____ Salt Water _____ Feet _____
Producing Sand _____ Depth _____

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Clay			0	17		
Pittsburg Coal			417	422		
Big Dunkard Sand			930	970		
Gas			1083	1093		
First Salt Sand			1230	1370		
Second Salt Sand			1405	1487		
Maxon Sand			1535	1600		
Little Lime			1657	1671		
Pencil Cave			1671	1677		
Big Lime			1677	1745		
Big Injun Sand			1745		Oil found 1749-1760 Gas found 1749-1760	
Total Depth			1765			

12/08/2023

(over)

* Indicates Electric Log tops in the remarks section.



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JUN 18 1976

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
Oil and Gas Division
WELL RECORD

OIL & GAS DIVISION
DEPT. OF MINES

Rotary _____ Oil _____
Cable _____ Gas _____
Recycling _____ Comb. _____
Water Flood _____ Storage _____
Disposal _____ (Kind) _____

Quadrangle _____

Permit No. DOD-1819

Company <u>Lauderman Oil & Gas Drilling</u>	Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Address <u>110 West Main, Paden City, West Virginia</u>				
Farm <u>T. J. Smith</u> Acres <u>78</u>				
Location (waters) <u>Nutters Fork</u>				
Well No. <u>2</u> Elev. <u>165921</u>	Size 20-16			
District <u>West Union</u> County <u>Doddridge</u>	Cond. 13-10"	17	17	
The surface of tract is owned in fee by <u>T. J. Smith</u>	9 5/8	168	168	
Address <u>West Union, RFD, West Virginia</u>	8 5/8	943	943	
Mineral rights are owned by <u>T. J. Smith</u>	7	1699	1699	
Address <u>West Union, West Vir.</u>	5 1/2			
Drilling Commenced <u>2-20-24</u>	4 1/2			
Drilling Completed <u>4-1-24</u>	3			
Initial open flow _____ cu. ft. _____ bbls.	2	1750	1750	
Final production _____ cu. ft. per day _____ bbls.	Liners Used			
Well open _____ hrs. before test _____ RP.				

Well treatment details:

Attach copy of cementing record.

Coal was encountered at _____ Feet _____ Inches
Fresh water _____ Feet _____ Salt Water _____ Feet _____
Producing Sand _____ Depth _____

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Conductor			0	17		
Pittsburg Coal			417	422		
Big Dunkard			930	970		
Gas Sand			1083	1093		
First Salt			1230	1370		
Second Salt			1405	1487		
Maxton			1535	1600		
Little Lime			1657	1671		
Pencil Cave			1671	1677		
Big Lime			1677	1745		
Big Injun			1745	1749		
Oil			1749	1760		
Gas			1749	1760		
			Total Depth		1765	

12/08/2023

(over)

* Indicates Electric Log tops in the remarks section.



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SEP 7 1976

OIL & GAS DIVISION
DEPT. OF MINES

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

Oil and Gas Division

WELL RECORD

Rotary Oil _____
Cable _____ Gas
Recycling _____ Comb. _____
Water Flood _____ Storage _____
Disposal _____ (Kind) _____

Quadrangle West Union

Permit No. DD 1819-DD

Company Lauderman Oil & Gas Drilling
Address 129 N. 4th Ave. Paden City, W. Vi.
Farm T. J. Smith Acres 78
Location (waters) Nutters Fork
Well No. 2 Elev. 921
District West Union County Doddridge
The surface of tract is owned in fee by _____
Same
Address West Union, West Vir.
Mineral rights are owned by _____
Same
Drilling Commenced (Deepen) 7/6/76
Drilling Completed 8/28/76
Initial open flow _____ cu. ft. _____ bbls.
Final production _____ cu. ft. per day _____ bbls.
Well open _____ hrs. before test _____ RP.
Well treatment details:

Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Size 20-16			
Cond. 13-10"	17'	17'	
9 5/8	168'	168'	
8 5/8	943'	943'	
7	1699'	1699'	
5 1/2			
4 1/2			
3			
2			
Liners Used			

Attach copy of cementing record.

DRILLED DRY TO TOTAL DEPTH

Coal was encountered at _____ Feet _____ Inches
Fresh water _____ Feet _____ Salt Water _____ Feet _____
Producing Sand _____ Depth _____

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Big Injun (Deepen)			1765	1870		
Sandy Shale			1870	1950		
Shale			1950	1960		
Lime & Shale			1960	1990		
Shale			1990	2020		
Sandy Shale			2020	2180		
Shale			2180	2218		
Berea Sand			2218	2222		
Sandy Shale			2222	2445		
Soft Sand			2445	2449		
Sandy Shale			2449	2534		
					Total Depth	

12/08/2023

(over)

* Indicates Electric Log tops in the remarks section.

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

RECEIVED

SEP 7 1976

OIL & GAS DIVISION
DEPT. OF MINES

INSPECTOR'S WELL REPORT

Permit No. Dod-1819-DD

Oil or Gas Well _____
(KIND)

Company <u>Lauderman Oil & Gas Drilling</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
	Address <u>110 W. Main St., Paducah City, W.V.</u>	Size		
Farm <u>T.J. Smith</u>	16			Kind of Packer _____
Well No. <u>2</u>	13			
District <u>West Union County Doddridge</u>	10			Size of _____
Drilling commenced <u>9/7/76</u>	8 1/4			
Drilling completed _____ Total depth _____	6 5/8			Depth set _____
Date shot _____ Depth of shot _____	5 3/16			
Initial open flow _____ /10ths Water in _____ Inch	3			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 _____ SIZE _____ No. FT. _____ Date _____			
Fresh water _____ feet _____ feet	NAME OF SERVICE COMPANY _____			
Salt water _____ feet _____ feet	COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			

Drillers' Names D.J. Boyd -

Company Tools _____

Remarks: Drilled To 2536'
Moving spudder - Will move in Rotary when Available.

9/1/76
DATE

Paul W. Gassett
DISTRICT WELL INSPECTOR

12/08/2023

(6-18-76)

INSPECTOR'S PERMIT SUMMARY FORM

WELL TYPE Shallow
ELEVATION _____
DISTRICT West Union
QUADRANGLE West Union
COUNTY DeWitt

API# 47-017-1819 D.D.
OPERATOR LAUDERMAN OIL & GAS
TELEPHONE _____
FARM Smith
WELL # 2

SURFACE OWNER _____ COMMENTS _____ TELEPHONE _____
TARGET FORMATION _____ DATE APPLICATION RECEIVED _____
DATE STARTED _____
LOCATION _____ NOTIFIED _____ DRILLING COMMENCED _____

DEPARTMENT OF
OIL AND GAS
INDUSTRY

WATER DEPTHS _____, _____, _____, _____
COAL DEPTHS _____, _____, _____, _____

MAY 22 1986

CASING

Ran _____ feet of _____ "pipe on _____ with _____ fill up
Ran _____ feet of _____ "pipe on _____ with _____ fill up
Ran _____ feet of _____ "pipe on _____ with _____ fill up
Ran _____ feet of _____ "pipe on _____ with _____ fill up
TD _____ feet on _____

PLUGGING

Type	From	To	Pipe Removed

Pit Discharge date: _____ Type _____
Field analysis ph _____ fe _____ cl _____
Well Record received _____

Date Released 5-14-86

Mike Underwood 12/08/2023
Inspector's signature

API# 47 017 - 1819.00.

LIST ALL VISITS FOR THIS PERMIT

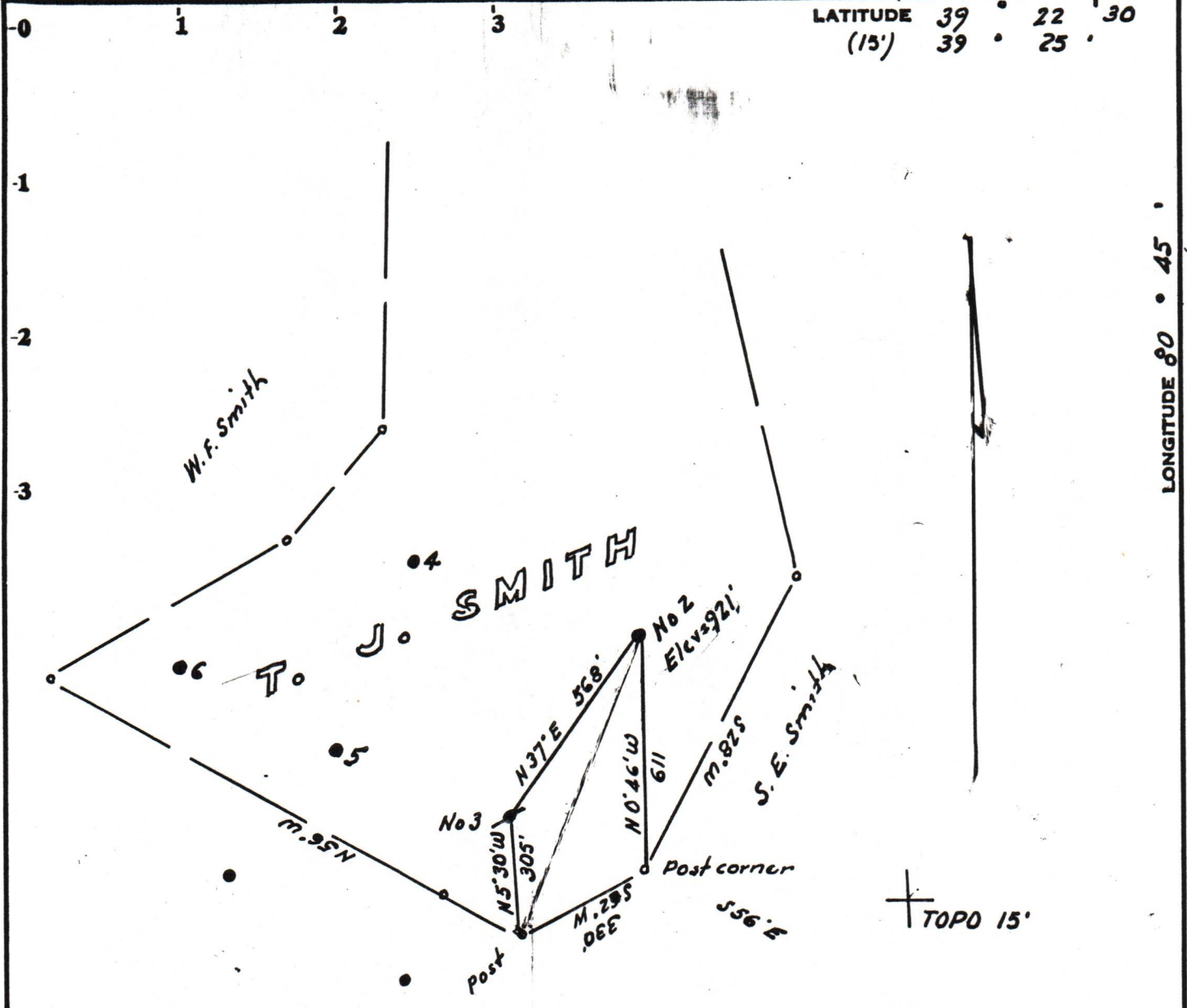
	DATE	TIME	PURPOSE	COMMENTS
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Notes

O.K to P&L _____

9100' 22,76 K₉

LATITUDE 39 ° 22 ' 30
(15') 39 ° 25 '



LONGITUDE 80 ° 45 ' 15000,00061

Flora Freeman

+ 7 1/2'

Minimum Error of Closure 1 in 200'

Source of Elevation Ely Flora Freeman No. 1 = 769'

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

- Fracture.....
- New Location.....
- Drill Deeper.....
- Abandonment.....

Signed: M. Stuber
Squares: N S E W

Map No.

Company Lauderman Oil & Gas Drilling
 Address 110 Main St., Paden City, West Va.
 Farm T.J. Smith
 Tract _____ Acres 2 Lease No. _____
 Well (Farm) No. Two Serial No. _____
 Elevation (Spirit Level) 921'
 Quadrangle West Union 7 1/2' West Union 15'
 County Doddridge District West Union
 Engineer M. Stuber
 Engineer's Registration No. 1227
 File No. _____ Drawing No. _____
 Date June 7, 1976 Scale 1" = 400'

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

WELL LOCATION MAP

FILE NO. DOD - 1819-DD
12/08/2023

+ Denotes location of well on United States Topographic Maps, scale 1 to ^{62,500}/_{24,000}, latitude and longitude lines being represented by border lines as shown.

- Denotes one inch spaces on border line of original tracing. 47-017

Stuber