

New Location
 Drill Deeper 3/30/79
 Abandonment

Company CARLE E. SMITHING
 Address SANDYVILLE, W. VA
 Farm EDGAR DAVIDSON
 Tract _____ Acres 234 Lease No. _____
 Well (Farm) No. 1 Serial No. _____
 Elevation (Spirit Level) 1075.00
 Quadrangle WEST UNION
 County DODRIDGE District WEST UNION
 Engineer G. P. Dye
 Engineer's Registration No. 804
 File No. _____ Drawing No. _____
 Date 8-2-60 Scale 1" = 40 POLES

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

WELL LOCATION MAP

FILE NO. DOD-439-DD

Deepening Cancelled

+ 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.

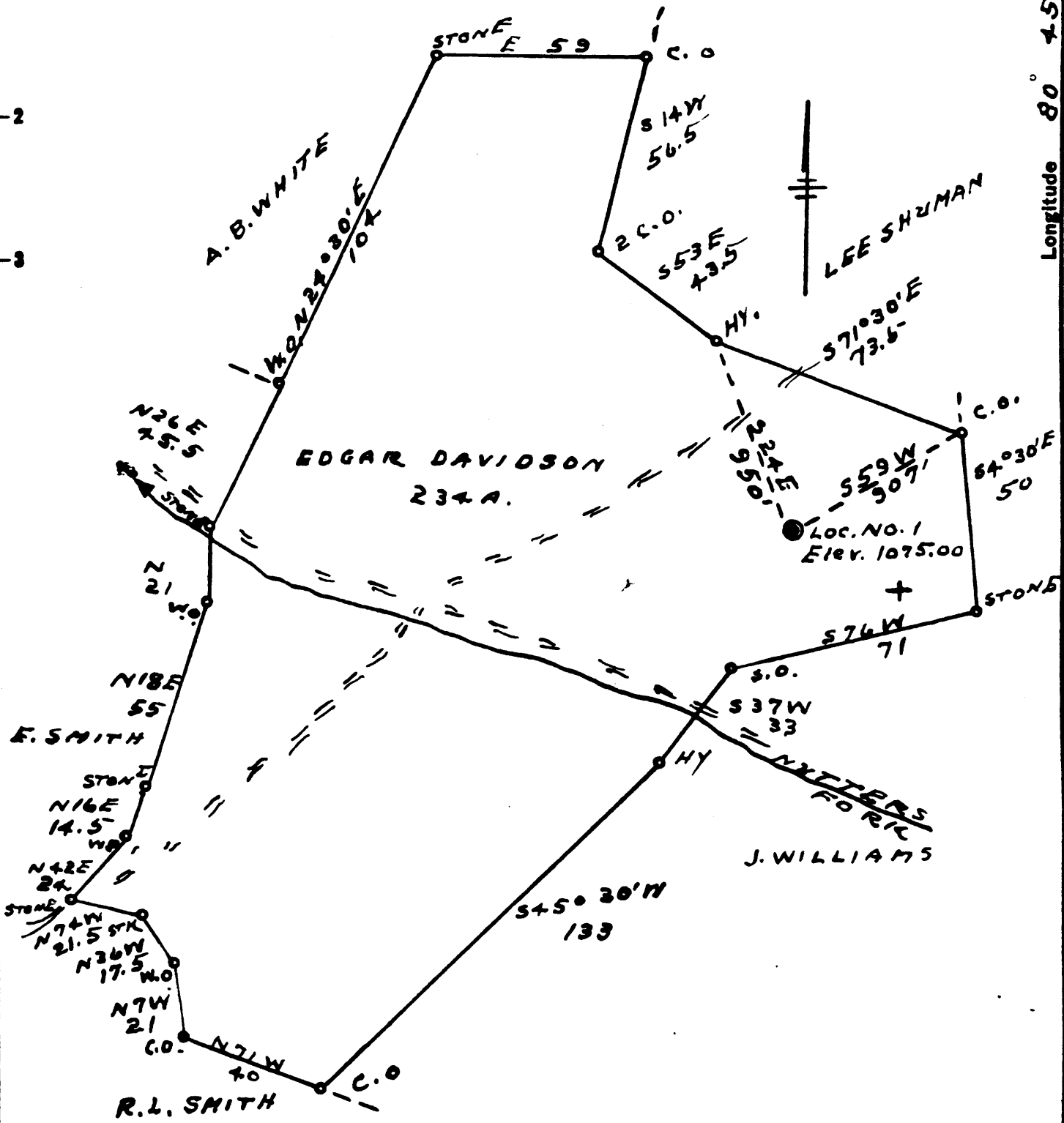
- Denotes one inch spaces on border line of original tracing.

47-017

MAR 26 1961

1
2
3

Longitude 80° 45'



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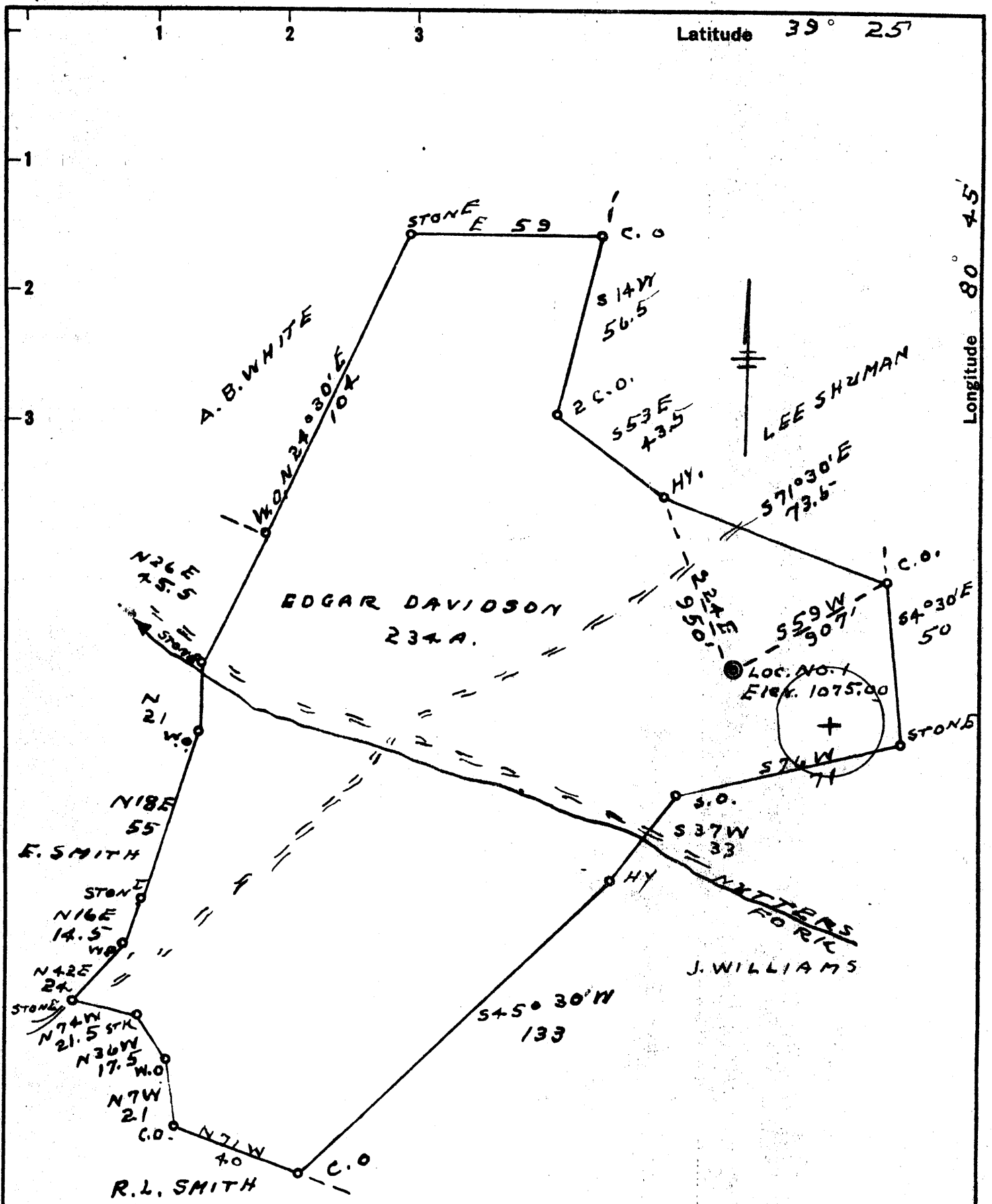
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Latitude 39° 25'

Longitude 80° 45'



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APR 16 1979

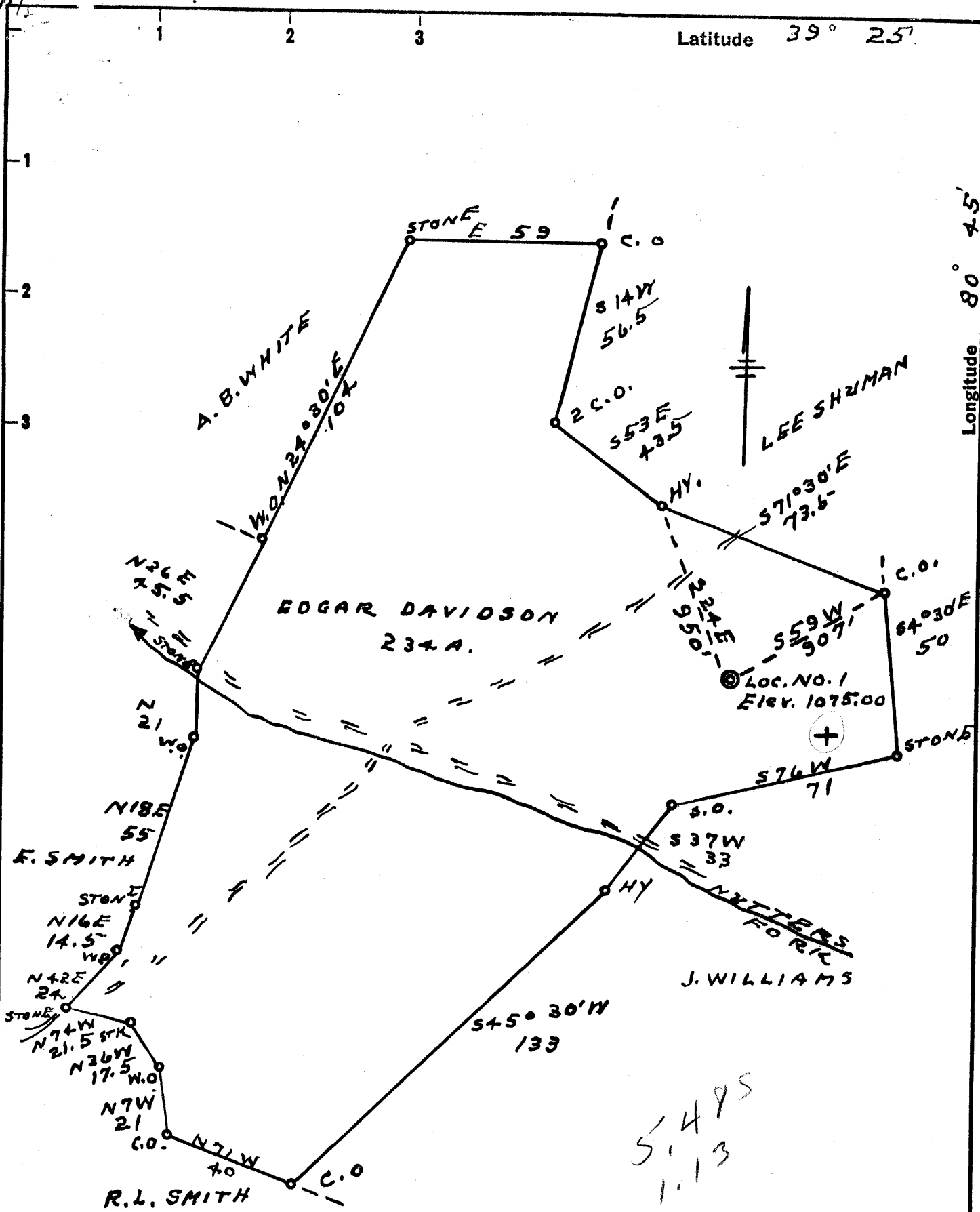
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47-017

5100' 15000'

Latitude 39° 25'

Longitude 80° 45'



5495
1.13

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STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION / 8

Quadrangle West Union

Permit No. DOD-439

WELL RECORD

Oil or Gas Well Gas
(KIND)

Company Carl E. Smith, Inc.
Address Sandyville, West Virginia
Farm Edgar Davidson Acres 234
Location (waters) _____
Well No. 1 Elev. 1075.00
District West Union County Doddridge
The surface of tract is owned in fee by _____
Address _____
Mineral rights are owned by _____
Edgar Davidson, et ux Address West Union, W. Va.
Drilling commenced August 18, 1960
Drilling completed September 26, 1960
Date Shot _____ From _____ To _____
With _____
Open Flow _____ /10ths Water in _____ Inch
_____ /10ths Merc. in _____ Inch
Volume 38,000 Cu. Ft.
Rock Pressure 160 lbs. 12 hrs.
Oil _____ bbls., 1st 24 hrs.
WELL ACIDIZED _____
WELL FRACTURED yes 23,000 pounds sand

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer _____
16			
13	9	9	
10	278'		Size of _____
8 1/4	1171'	1171'	
6 3/4	2025'	2025'	Depth set _____
5 3/16			
3			Perf. top _____
2			Perf. bottom _____
Liners Used			Perf. top _____
			Perf. bottom _____

CASING CEMENTED 7 SIZE 2025 No. Ft. 9/19/60 Date
25 bags cement 6 bags aquagel

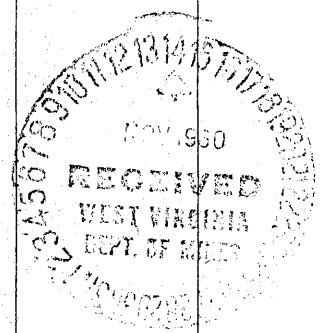
COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES
_____ FEET _____ INCHES _____ FEET _____ INCHES
_____ FEET _____ INCHES _____ FEET _____ INCHES

RESULT AFTER TREATMENT 1 1/2 million

ROCK PRESSURE AFTER TREATMENT 340 pounds 24 hrs.

Fresh Water 239 Feet Salt Water _____ Feet

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Soil			0	9			
Mt. Stone			9	80			
Blue Stone			80	100			
Red Rock			100	130			
Slate			130	154			
Red Rock			154	178			
Slate			178	261	Water	239	
Red Rock			261	330			
Lime			330	352			
Slate			352	370			
Red Rock			370	390			
Blue Slate			390	430			
Red Rock			430	445			
Blue Lime		Hard	445	475			
Red Rock			473	495			
Lime			495	535			
Red Rock			535	555			
Slate Shells			555	685			
Lime			685	705			
Slate & Shells			705	820			
Red Rock			820	831			
Slate & Shells			831	863			
Red Rock			863	874			
Grey Lime			874	910			
Red Rock			910	958			
Lime			958	978			
Slate			978	996			
Lime			996	1033			
Red Lime			1033	1063			
Lime			1063	1097			



Formation	Color	Hard or Soft	Top / 0	Bottom	Oil, Gas or Water	Depth Found	Remarks
Red Rock			1097	1103			
Lime			1103	1200			
Slate & Shells			1200	1235			
Lime			1235	1270			
Slate			1270	1298			
Sand			1298	1343			
Slate			1343	1377			
Sand			1377	1390			
Slate			1390	1405			
Lime			1405	1490			
Sand			1490	1655			
Slate & Shell			1655	1690			
Gritty Lime			1690	1750			
Salt Sand			1750	1790	Gas	1797	
Maxon			1790	1803			
Black Slate			1803	1865			
Sand			1865	1890			
Lime			1890	1902			
Slate & Shells			1902	1939			
Little Lime			1939	1955	Oil	1939-1945	
Broken Lime			1955	2014	Water	1972	
Big Lime			2014	2075	Water	2031	
Keener			2075	2083			
Blue Sand			2083	2093			
Lime			2093	2100			
Injin			2100	2180	Gas & Oil	2107-2130	
Slate			2180	2186	Gas		

Date November 10, 19 60

APPROVED Carl E. Smith, Inc., Owner

By [Signature]
(Title) President

[08-78]

OIL AND GAS WELL PERMIT APPLICATION

Operator's Well No. 1-12
API Well No. 47 - 017 - 043
State County Permi 0-8

WELL TYPE: Oil / Gas X /
(If "Gas", Production X / Underground storage / Deep / Shallow X /)
LOCATION: Elevation: 1075 Watershed: Nutters Fork
District: West Union County: Doddridge Quadrangle: Smithburg 7.5'
Centerpoint 15'

WELL OPERATOR CARL E. SMITH, INC.
Address P. O. Box 4
Sandyville, WV 25275

DESIGNATED AGENT CARL E. SMITH, INC.
Address P. O. Box 4
Sandyville, WV 25275

OIL & GAS ROYALTY OWNER E. Davidson Est., et al
Address Box 185
West Union, WV 26456

COAL OPERATOR None
Address:

ACREAGE 234
SURFACE OWNER James B. Fox
Address Route 2
West Union, WV 26456
ACREAGE 36.1

COAL OWNER(S) WITH DECLARATION ON RECORD:
Name E. Davidson Est., etal
Address Box 185
West Union, WV 26456

FIELD SALE (IF MADE) TO:
Name
Address

Name
Address

OIL & GAS INSPECTOR TO BE NOTIFIED
Name Paul Garrett
Address 321 Beech Street
Clarksburg, WV 26301
Tel: (304) 622-3871

COAL LESSEE WITH DECLARATION ON RECORD:
Name None
Address
RECEIVED
MAR 30 1979

OIL & GAS DIVISION
DEPT. OF MINES

The undersigned well operator is entitled to operate for oil or gas purposes at the above location under a deed / lease / other contract X / dated July 22, 1960, to the undersigned well operator from Hope Natural Gas Company

[If said deed, lease, or other contract has been recorded:]

Recorded on July 26, 1960, in the office of the Clerk of the County Commission of Doddridge County, West Virginia, in Assignment Book 65 at page 191. A permit is requested as follows:

PROPOSED WORK: Drill / Drill deeper X / Redrill / Fracture or stimulate /
Plug off old formation / Perforate new formation /

Other physical change in well (specify) Well will be air and foam drilled to the Devonian Shale and 4 1/2" csg. run. The Big Injun will then be placed back on production and allowed to produce through the annulus between the 7" and 4 1/2" casing.

--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

BLANKET BOND

CARL E. SMITH, INC.
Well Operator
Carl Smith
By
Its President

PROPOSED WORK ORDER

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

DRILLING CONTRACTOR (IF KNOWN) CARL E. SMITH, INC.
Address P. O. Box 4
Sandyville, WV 25275

GEOLOGICAL TARGET FORMATION, Gordon - Devonian Shale

Estimated depth of completed well, 5900 feet Rotary / Cable tools

Approximate water strata depths: Fresh, 239 feet; salt, 2075 feet.

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

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		
Conductor	18"					9	9	already in well Kinds
Fresh water								
Coal								Sizes
Intermediate	7"					2025'7"	2025'7"	already in well
Production	4 1/2"	K55	10.5	X		5900'	5900'	250 Depths set
Tubing								
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 deepening. This permit shall expire if operations have not commenced by 11-30-79.

[Signature]
Deputy Director - Oil & Gas Division

The permit 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:

W A I V E R

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.

Date: , 19

By
Its