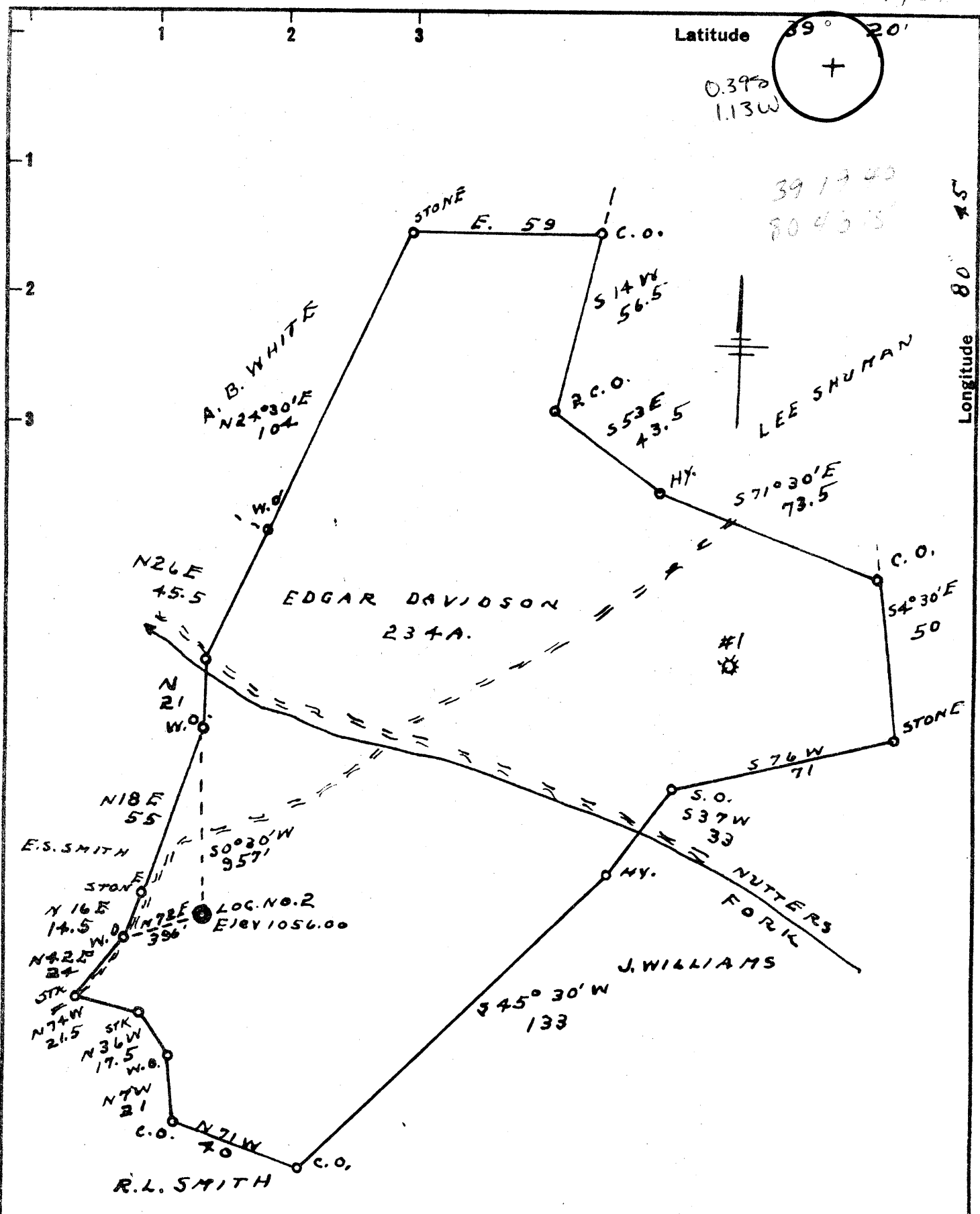


Latitude 39° 20'

0.39
1.13W

39 19 40
80 43 5

Longitude 80° 45'



- New Location
- Drill Deeper
- Abandonment

Company CARLE E. SMITH INC.
 Address SANDYVILLE, W.VA.
 Farm EDGAR DAVIDSON
 Tract _____ Acres 237 Lease No. _____
 Well (Farm) No. 2 Serial No. _____
 Elevation (Spirit Level) 1056.00
 Quadrangle WEST UNION
 County DODDRIDGE District WEST UNION
 Engineer L. F. Dye
 Engineer's Registration No. 804
 File No. _____ Drawing No. _____
 Date 10-4-60 Scale 1" = 40 POLES

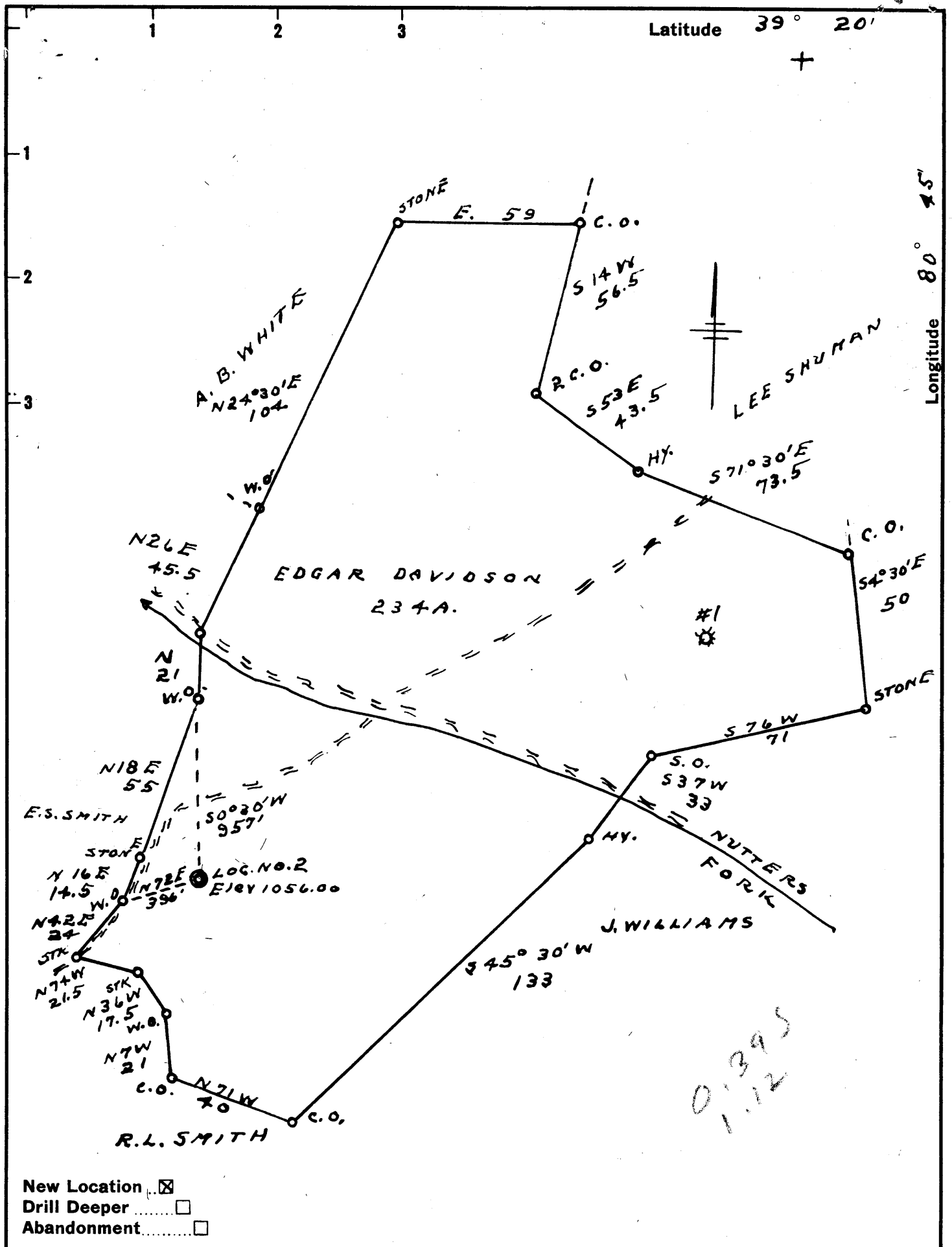
STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION
 CHARLESTON

WELL LOCATION MAP
 FILE NO. DOD-477-DRILL DEEPER

8-22-63
 + Denotes location of well on United States
 Topographic Maps, scale 1 to 62,500, lat-
 itude and longitude lines being represented
 by border lines as shown. **AUG 10 1979**
 - Denotes one inch spaces on border line
 of original tracing.

Latitude 39° 20'

Longitude 80° 45'



- New Location
- Drill Deeper
- Abandonment

Company CARLE SMITH INC.
 Address SANDYVILLE, W.VA.
 Farm EDGAR DAVIDSON
 Tract _____ Acres 234 Lease No. _____
 Well (Farm) No. 2 Serial No. _____
 Elevation (Spirit Level) 1056.00
 Quadrangle WEST UNION SE
 County DODDRIDGE District WEST UNION
 Engineer S. F. Dye
 Engineer's Registration No. 804
 File No. _____ Drawing No. _____
 Date 10-7-60 Scale 1" = 40 FEET

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

WELL LOCATION MAP

FILE NO. DOD-477-DRILL DEEPER
8-22-63

+ 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.

6-6-91



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

Oil and Gas Division
WELL RECORD

RECEIVED

APR 28 1980

OIL & GAS DIVISION
DEPT. OF MINES

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

Quadrangle Smithburg 7.5
617
Permit No. DOD-477-DD

Company Carl E. Smith, Inc.
Address Sandyville, WV
Farm E. Davidson Acres 23.75
Location (waters) Nutters Fork
Well No. 2 Elev. 1056'
District West Union County Doddridge
The surface of tract is owned in fee by Cleo Yeater
Address West Union
Mineral rights are owned by E. Davidson Est.
Address West Union
Drilling Commenced 8-1-79
Drilling Completed 8-4-79
Initial open flow 85 MCF cu. ft. -0- bbls.
Final production 85 MCF ft. per day -0- bbls.
Well open hrs. before test 42 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"			
9 5/8			
8 5/8			
7			
5 1/2			
4 1/2			
3			
2 1/2 1 1/2 tubing		2840	
Liners Used		317.35	
5 3/16			

Attach copy of cementing record.

NO TREATMENT

Coal was encountered at Feet Inches
Fresh water Feet Salt Water Feet
Producing Sand Gordon Depth 2810

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Shale				2750		
Sandy Shale			2750	2793		
Shale			2793	2810		
Sandstone			2810	2830		
Shale			2830	2840		
Total Depth				2840		
						<u>Gordon SG</u>

(over)

* Indicates Electric Log tops in the remarks section.

MAY 29 1980



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

Quadrangle West Union

Permit No. DOD-477-D

WELL RECORD

Oil or Gas Well Gas
(KIND)

Company Carl E. Smith, Inc.
Address Sandyville, West Virginia
Farm Edgar Davisson Acres 23 1/2
Location (waters) Nutters Fork
Well No. 2 Elev. 1056'
District West Union County Doddridge
The surface of tract is owned in fee by _____
Address _____
Mineral rights are owned by _____
Edgar Davisson, et al. address West Union, W. Va.
Drilling commenced August 27, 1963
Drilling completed September 18, 1963
Date Shot _____ From _____ To _____
With _____
Open Flow _____ /10ths Water in _____ Inch
_____ /10ths Merc. in _____ Inch
Volume 50,000 Cu. Ft.
Rock Pressure 80 lbs. 2 1/2 hrs.
Oil _____ bbls., 1st 24 hrs.
WELL ACIDIZED _____
WELL FRACTURED NO

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13			
10			Size of
8 1/4	1173'	1173'	
6 3/4	2126'	2126'	Depth set
5 3/16			
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED _____ SIZE _____ No. Ft. _____ Date _____

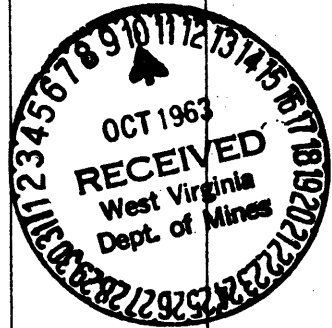
COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES
_____ FEET _____ INCHES _____ FEET _____ INCHES
_____ FEET _____ INCHES _____ FEET _____ INCHES

RESULT AFTER TREATMENT

ROCK PRESSURE AFTER TREATMENT

Fresh Water _____ Feet Salt Water _____ Feet

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Lime & Sand		Hard	2183	2267			
Slate			2267	2349			
Lime		Hard	2349	2485			
Slate			2485	2733			
Lime Shell			2733	2832			
Gordon Sand			2832				
			2832				
			2183				
			649				





STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION 4

Quadrangle West Union

Permit No. DOD-477

WELL RECORD

Oil or Gas Well Gas
(KIND)

Company Carl E. Smith, Inc.
Address Sandyville, West Virginia
Farm Edgar Davisson Acres 23 1/4
Location (waters) Nutters Fork
Well No. 2 Elev. 1056'
District West Union County Doddridge
The surface of tract is owned in fee by _____
Address _____
Mineral rights are owned by _____
Edgar Davisson, et ux Address West Union, W. Va.
Drilling commenced October 18, 1960
Drilling completed November 23, 1960
Date Shot _____ From _____ To _____
With _____
Open Flow _____ /10ths Water in _____ Inch
_____ /10ths Merc. in _____ Inch
Volume 300,000 Cu. Ft.
Rock Pressure 110 lbs. 12 hrs.
Oil _____ bbls., 1st 24 hrs.
WELL ACIDIZED _____
WELL FRACTURED Yes, 22,000 sand

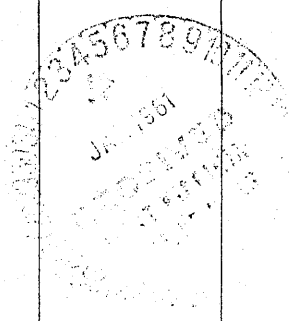
Casing and Tubing	Used in Drilling	Left in Well	Packers
18" size	16'	16'	Kind of Packer
16			
13			Size of
10	278'		
8 1/4	1173'	1173'	Depth set
6 5/8	2126'	2126'	
5 3/16			Perf. top
3			
2			Perf. bottom
Liners Used			
			Perf. top
			Perf. bottom

CASING CEMENTED 7" SIZE 2126 No. Ft. 11/15/60 Date
25 Bags Cement 6 bags aquagel

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

RESULT AFTER TREATMENT 600,000
ROCK PRESSURE AFTER TREATMENT 180 lbs. @ 12 hours
Fresh Water _____ Feet Salt Water _____ Feet

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Soil			0	9			
Red Rock			8	12			
Sand			60	80			
Slate & Red Rock			80	206			
Slate			206	235			
Coal Bloom			235	237			
Slate			237	310			
Red Rock			310	321			
Lime			321	410			
Red Rock			410	425			
Slate			425	435			
Sand			435	471			
Slate			471	480			
White Lime		Hard	480	510			
Red Rock			510	538			
Lime			538	565			
Red Rock			565	630			
Sand	White		630	658			
Slate & Shells			658	665			
Red Rock			665	690			
Lime			690	715			
Slate	Black		715	720			
Lime	Blue	Hard	720	745			
Slate	Blue	Soft	745	796			
Sand			796	805			
Slate & Shells			805	897			
Red Rock			897	921			
Lime			921	955			
Red Rock			955	1025			
Slate			1025	1045			



Formation	Color	Hard or Soft	Top ⁴	Bottom	Oil, Gas or Water	Depth Found	Remarks
Lime			1045	1060			
Red Rock			1060	1106			
Lime			1106	1115			
Red Rock			1115	1140			
Lime	Blue		1140	1236			
Sand			1236	1250			
Slate			1250	1265			
Lime			1265	1280			
Slate			1280	1330			
Sand & Slate			1330	1455			
Lime		Gritty	1455	1477			
Slate			1477	1485			
Lime		Gritty	1485	1500			Oil shows 1470-1477
Sand			1500	1620			
Slate Brake			1620	1630			
2 nd. Salt Sand			1630	1740			
Slate Brake			1740	1750			
3 rd. Salt Sand			1750	1860			
Slate & Shells			1860	1960			
Lime		Gritty	1960	1984			Show Oil 1920-1936
Sand			1984	1997			
Slate			1997	2004			
Lime		Gritty	2004	2038			
Big Lime			2038	2108			Gas 2111
Injun Sand			2108	2111			
Injun Sand			2111	2126			
Injun Sand			2126	2175			
Sand			2175	2183			Gas increases 2145 to 2170

Date December 30, 1960

APPROVED CARL E. SMITH, INC., Owner
 By Carl E. Smith
 President (Title)

[08-78]

OIL AND GAS WELL PERMIT APPLICATION

Operator's Well No. 2 API Well No. 47 - 017 - 47 State County Perm

WELL TYPE: Oil / Gas X / (If "Gas", Production X / Underground storage / Deep / Shallow X /) LOCATION: Elevation: 1056 Watershed: Nutters Fork District: West Union County: Doddridge Quadrangle: Smithburg 7.5'

WELL OPERATOR CARL E. SMITH, INC. DESIGNATED AGENT CARL E. SMITH, INC. Centerpoint 15' Address P. O. Box 4 Sandyville, WV 25275 Address P. O. Box 4 Sandyville, WV 25275

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

COAL OPERATOR None Address

SURFACE OWNER Cleo Yeater Address 119 Court Str. West Union, WV 26456 Acreage 23.75

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

COAL LESSEE WITH DECLARATION ON RECORD: Name None Address

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

RECEIVED JUL 24 1979

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

[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)

--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 By [Signature] Its President

[08-78]

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 4100
Sandyville, WV 25275

GEOLOGICAL TARGET FORMATION, Gordon

Estimated depth of completed well, 3200 feet. Rotary / Cable tools /

Approximate water strata depths: Fresh, feet; salt, 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"					16'	16'	Kinds
Fresh water								
Coal								Sizes
Intermediate	8 1/4"					1173	1173	
Production	6 5/8"					2126	2126	Depths set
Tubing	4 1/2"	K55	10.5	X		3200	(Cemented if productive)	Perforations:
Liners								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 3-25-80.

[Signature]
Deputy Director, Oil & Gas Division
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