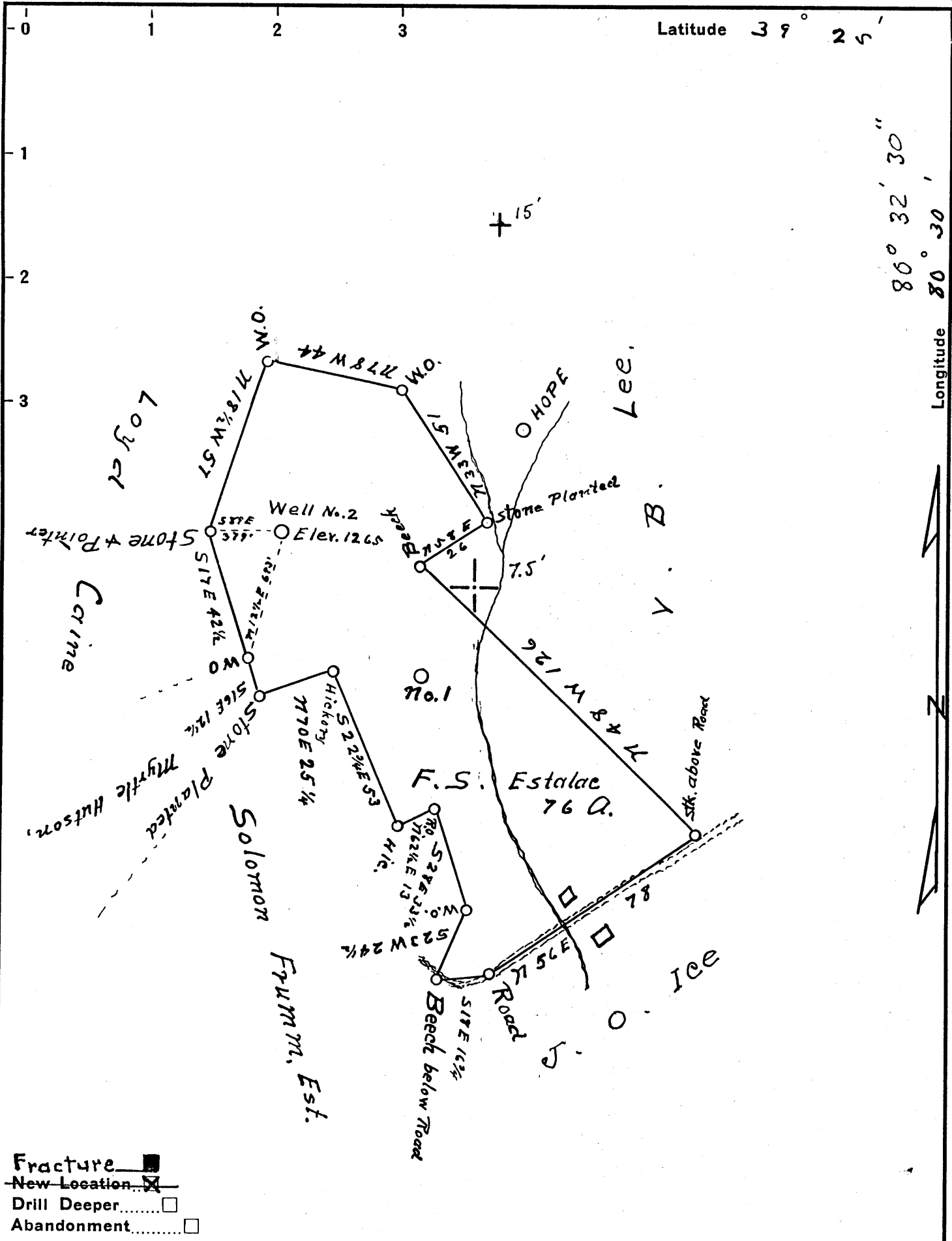


7.5 Frac. 11/28/13 CEN



United Operating Co. 499

Company Coastal Oil & Gas Co.
 602 Commerce Sq., Charleston, W. Va.

Address Salem, W. Va.

Farm F. S. Estalac

Tract One Acres 76 Lease No. _____

Well (Farm) No. 2 Serial No. _____

Elevation (Spirit Level) 1265

Quadrangle Centerpoint 15/Folsom 7.5

County Doddridge District McClellan

Engineer J. M. Martin

Engineer's Registration No. 84

File No. _____ Drawing No. _____

Date Sept 23 1942 Scale 40 P = 1"

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

WELL LOCATION MAP
 FILE NO. DOD-133-Frac.

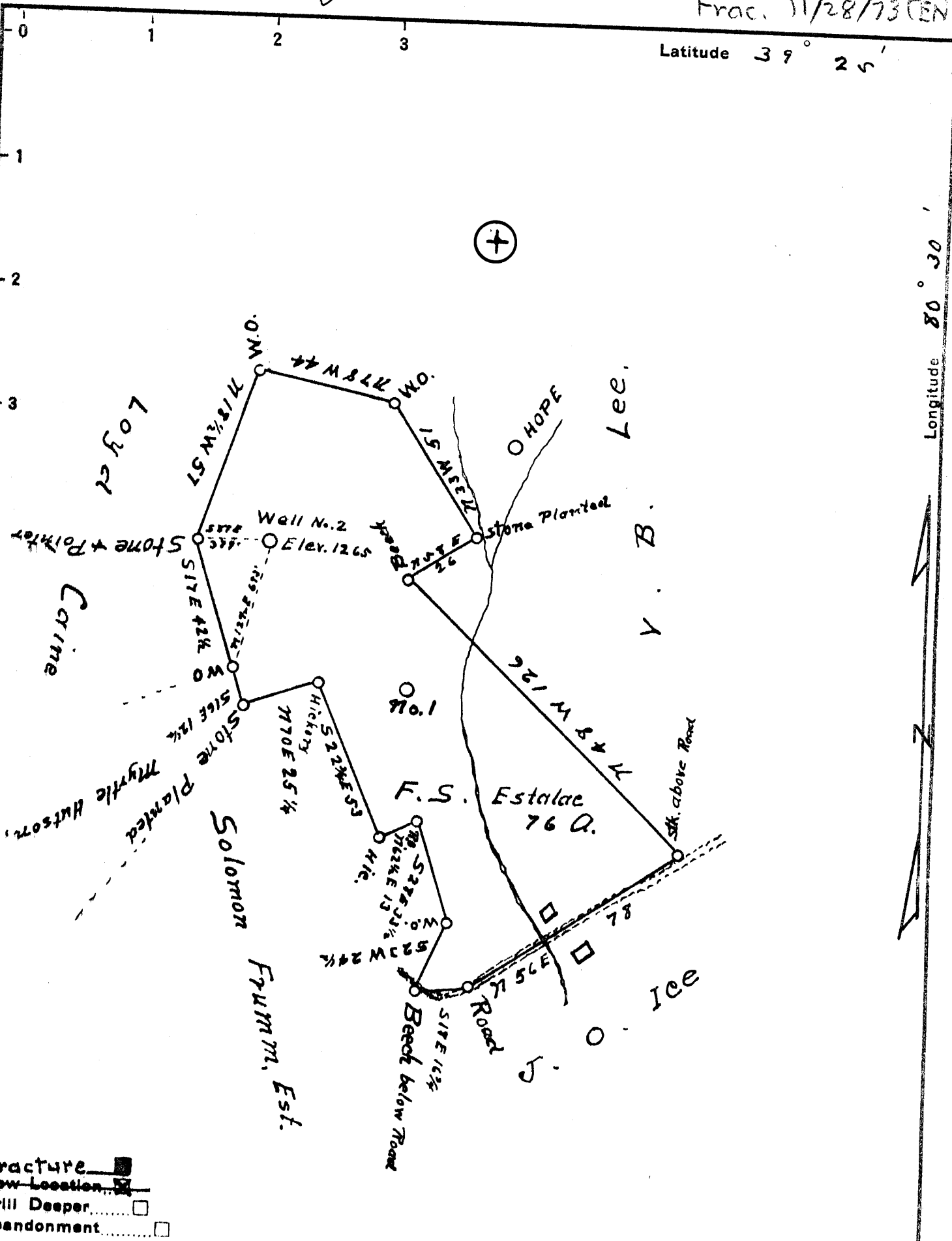
Fracture Permit Cancelled

+ 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 Order 11986 of original tracing.

Latitude $39^{\circ} 25'$

Longitude $80^{\circ} 30'$



Fracture
 New Location
 Drill Deeper
 Abandonment

Company United Operating Co.
~~Centerpoint Oil & Gas Co.~~
~~602 Commerce Sq., Charleston, W. Va.~~

Address Centerpoint, W. Va.

Farm F. S. Estlack

Tract One Acres 76 Lease No. _____

Well (Farm) No. 2 Serial No. _____

Elevation (Spirit Level) 1265

Quadrangle Centerpoint 9C

County Doddridge District McClellan

Engineer J. M. Martin

Engineer's Registration No. 84

File No. _____ Drawing No. _____

Date Sept 23 1942 Scale 1/4" = 1'

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

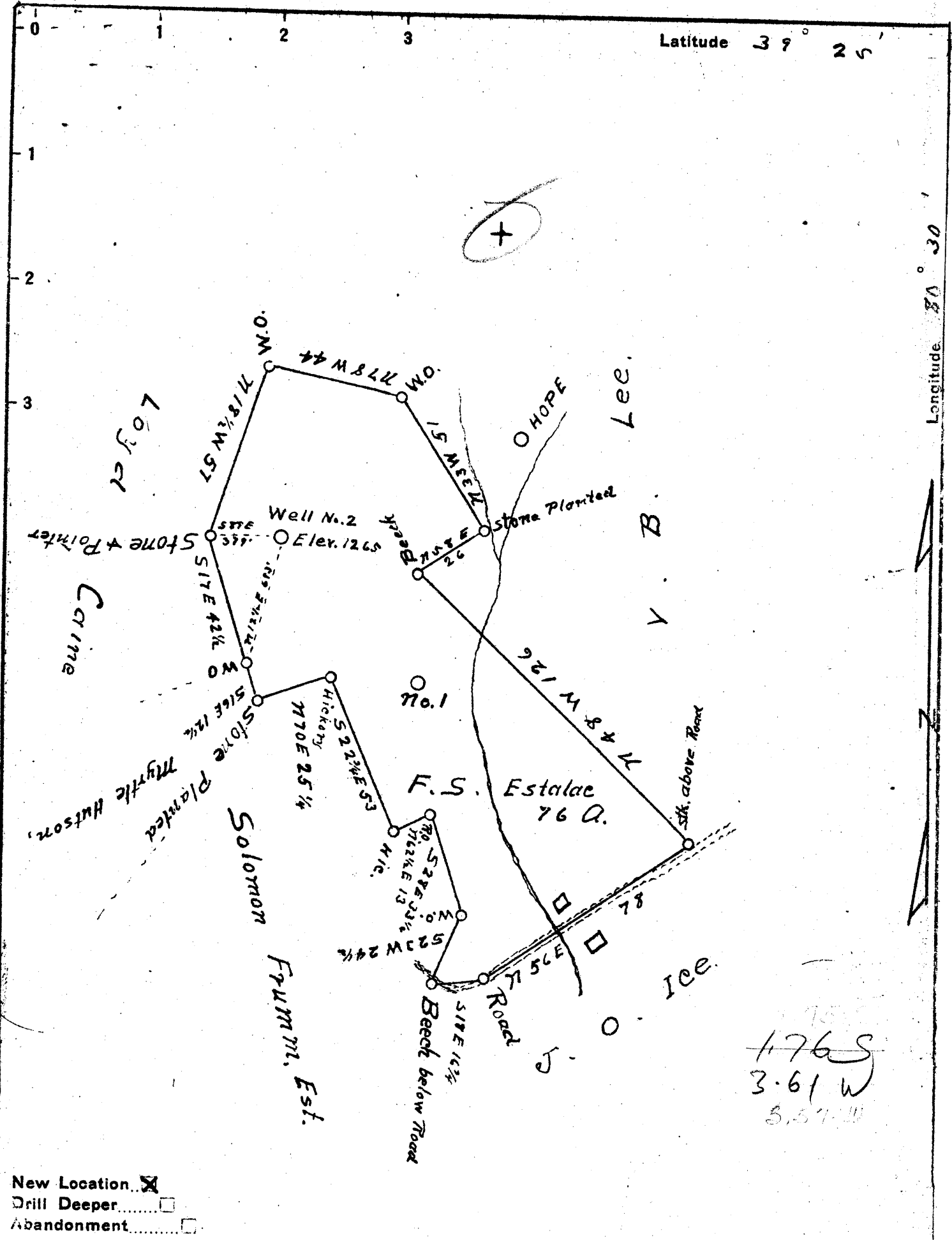
WELL LOCATION MAP
 FILE NO. DOD-133-Frac. W

+ 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.

Latitude 39° 25'

Longitude 80° 30'



176 S
 3.61 W
 5.57 W

New Location
 Drill Deeper
 Abandonment

Company Coxman Oil & Gas Co.
 Address Salem, W. Va.
 Farm F. S. Estalae
 Tract One Acres 76 Lease No. _____
 Well (Farm) No. 2 Serial No. _____
 Elevation (Spirit Level) 1265
 Quadrangle Centerpoint ES
 County Doddridge District McClellan
 Engineer J. M. Martin
 Engineer's Registration No. 84
 File No. _____ Drawing No. _____
 Date Sept 23 1942 Scale 40 P = 1"

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

WELL LOCATION MAP
 FILE NO. DOD-133

+ 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.

WEST VIRGINIA DEPARTMENT OF MINES
OIL & GAS DIVISION
W E L L R E C O R D

Permit No. Dod 133
Centerpoint Quad.
Company
Address
Farm
Location
Well No
District
Surface
Mineral
Commenced
Completed
Date shot
Open flow
Rock Pressure

Coffman Oil & Gas
Route #2, Salem, W.Va.
S.F. Eslack Acres 68
Pike Fork
2 Elev. --
McClellan Doddridge County
V.B. Leigh, Wallace, W.Va.
S.F. Eslack, Wallace, W.Va.
Nov. 10, 1942
Jan. 3, 1943
Feb. 15 1943 Depth 3040
48/10ths W in 1 1/2"
165 lbs. 2 hrs.

Gas Well
CASING & TUBING

10 304'
8 1/2 1309'
6 5/8 2227'

No liners used.

Bottom Hole Packer
Size 6"
Depth 2964'

Coal at 901'

Conductor		15'	Big Lime		2220	2290
Sand	625	662	Big Injun		2290	2385
Slate & Shell	662	690	Slate & Shells		2385	2510
Lime	690	810	Sand H		2510	2540
Slate & Shell	810	900	Lime Shells		2540	2650
Pitt. Coal	900	901	Slate Shells		2650	2738
White Slate	901	978	Slate		2738	2748
Sand	978	1008	Lime Shells H		2748	2758
Lime	1008	1012	Slate & Shells		2758	2793
Pink Rock	1012	1023	Lime H		2793	2800
White Slate	1023	1090	Slate		2800	2826
Slate	1090	1095	Sand		2826	2843
Sand	1095	1135	Slate & Shells		2843	2948
Red Rock	1135	1196	Sand		2948	2964
White Slate	1196	1225	Break Dk		2964	2997
Red Rock	1225	1265	Sand		2997	3011
White Slate	1265	1300	Break		3011	3017
Slate & Shells	1300	1325	Stray Sand		3017	3024
Sand	1325	1400	Break		3024	3030
Black Slate	1400	1435	Gordon Band		3030	3056
Sand	1435	1470	Slate		3056	3075
Slate	1470	1475	Fourth Sand		3075	3088
Sand	1475	1505	Break		3088	3095
Slate	1505	1512	TOTAL DEPTH			3095
Lime	1512	1540				
Sand	1540	1570				
Slate & Shells	1570	1745				
Sand	1745	1795				
Black Slate	1795	1813				
Lime	1813	1822				
Break	1822	1826				
Lime	1826	1840				
Sand	1840	1885				
Black Slate	1885	1925				
Sand	1925	1956				
Slate	1956	1970				
Sand	1970	2025				
Slate	2025	2035				
Lime	2035	2065				
Black Slate	2065	2118				
Pink Rock	2118	2125				
Lime	2125	2127				
Slate	2127	2140				
Red Rock	2140	2143				
Little Lime	2143	2160				
Slate	2160	2177				
Lime	2177	2182				
Pencil Cave	2182	2220				



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

RECEIVED

NOV 28 1973

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 November 28, 1973

Surface Owner F. S. Estlack
Address Center Point, W.Va.
Mineral Owner Same
Address _____
Coal Owner _____
Address _____
Coal Operator None
Address _____

Company United Operating Company
Address 600 Commerce Sq. Charleston, W.Va.
Farm F. S. Estlack Acres 76-68
Location (waters) Pike Fork / MSE Elroy Cr.
Well No. 2 Elevation 1265'
District McClellan County Doddridge
Quadrangle Centerpoint

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 fracturing. This permit shall expire if
operations have not commenced by 3-28-74.

Robert A. Eade
Deputy Director - Oil & Gas Division

NOTICE TO BE NOTIFIED W.M. Blosser
Coffey, Wm. PH: 363-9105

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 _____ 19____ by F.S. Estlack made to O.E. & L. B. Coffman and recorded on the _____ day of _____ 19____, in _____ County, Book _____ Page _____

_____NEW WELL _____DRILL DEEPER _____REDRILL XX _____FRACTURE OR STIMULATE
_____OIL AND GAS WELL ORIGINALLY DRILLED BEFORE JUNE 5, 1969.

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.

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.

Very truly yours,

(Sign Name) _____

J. Estlack
Well Operator

600 Commerce Square

Street

Charleston

City or Town

West Virginia

State

Address of Well Operator

FILED
P. O.
MORGANTHAU
AC 501-

*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-133-FRAC.

PERMIT NUMBER

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

PROPOSED WORK ORDER TO _____ DRILL _____ DEEPEN XXX FRACTURE-STIMULATE _____
 DRILLING CONTRACTOR: (If Known) _____ RESPONSIBLE AGENT: _____
 NAME _____ NAME J. L. Trittipo
 ADDRESS _____ ADDRESS 600 Commerce Sq. Charleston, W.V.
 TELEPHONE _____ TELEPHONE 343-9383
 ESTIMATED DEPTH OF COMPLETED WELL: _____ ROTARY _____ CABLE TOOLS _____
 PROPOSED GEOLOGICAL FORMATION: _____
 TYPE OF WELL: OIL _____ GAS XX 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	2110	2110	None
5 1/2			
4 1/2			
3			Perf. Top
2	2600	2600	XXXXXX 500'
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS NA FEET _____ SALT WATER _____ FEET _____
 APPROXIMATE COAL DEPTHS _____
 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.

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.

 For Coal Company

 Official Title