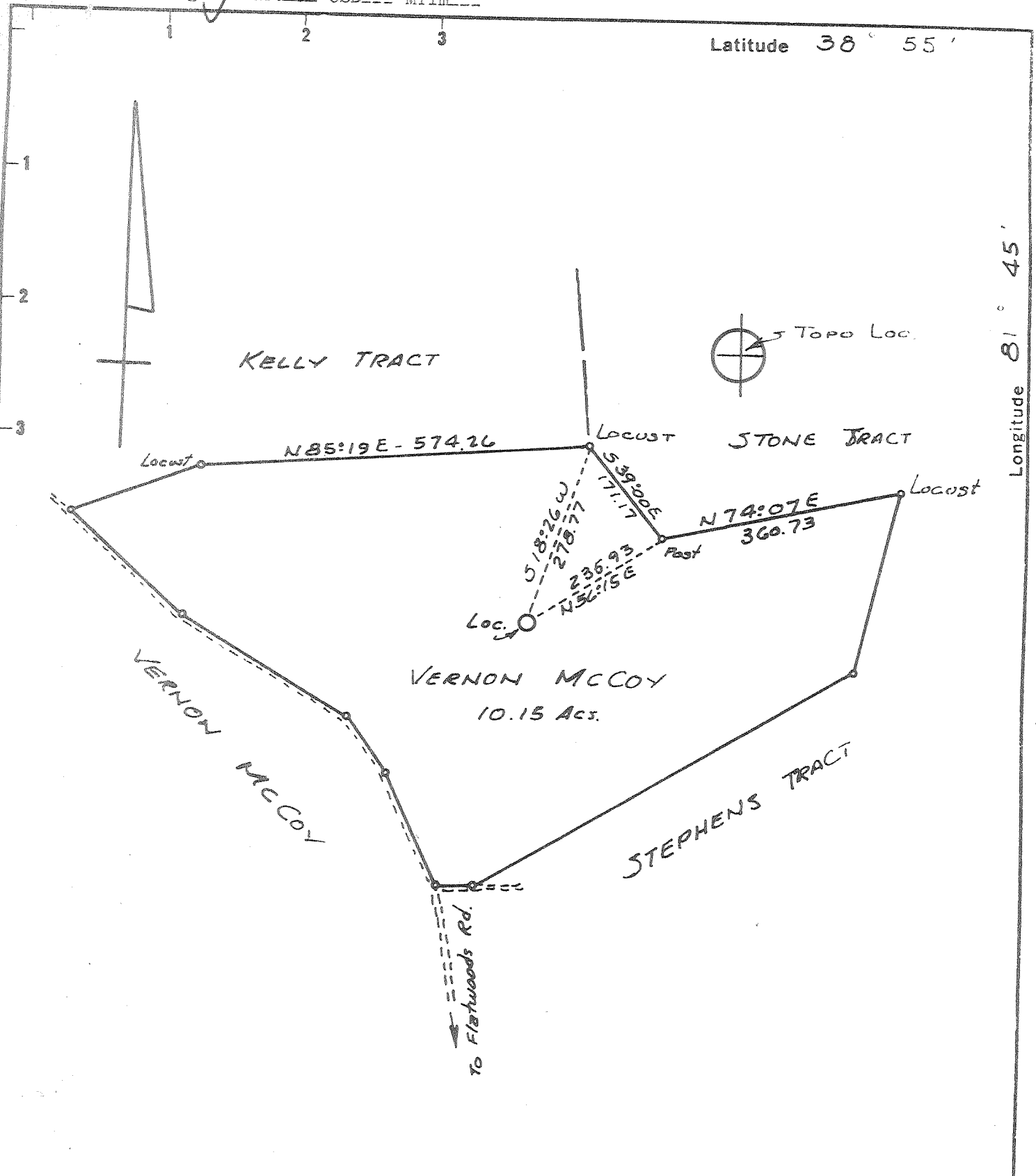


Plot Log Card CSD Mflm

Latitude 38° 55'

Longitude 81° 45'



New Location
 Drill Deeper
 Abandonment
 7-9-74

Minimum Error of Closure 1 in 200
 Source of Elevation U.S.G.S. Elev. 824' TOP OF KNOB NORTH OF WELL LOC.
 "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."

Company Buckeye Oil & Gas Co. Inc.
~~Colonial Gas Company~~
 Address CHARLESTON, W.VA.
 Farm VERNON MCCOY
 Tract Acres 10.15 Lease No.
 Well (Farm) No. 1 Serial No.
 Elevation (Spirit Level) 801.0'
 Quadrangle RAVENSWOOD EC
 County JACKSON District UNION
 Engineer N. G. Sefton
 Engineer's Registration No. 1832
 File No. Drawing No.
 Date 7-3-71 Scale 1" = 200'

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

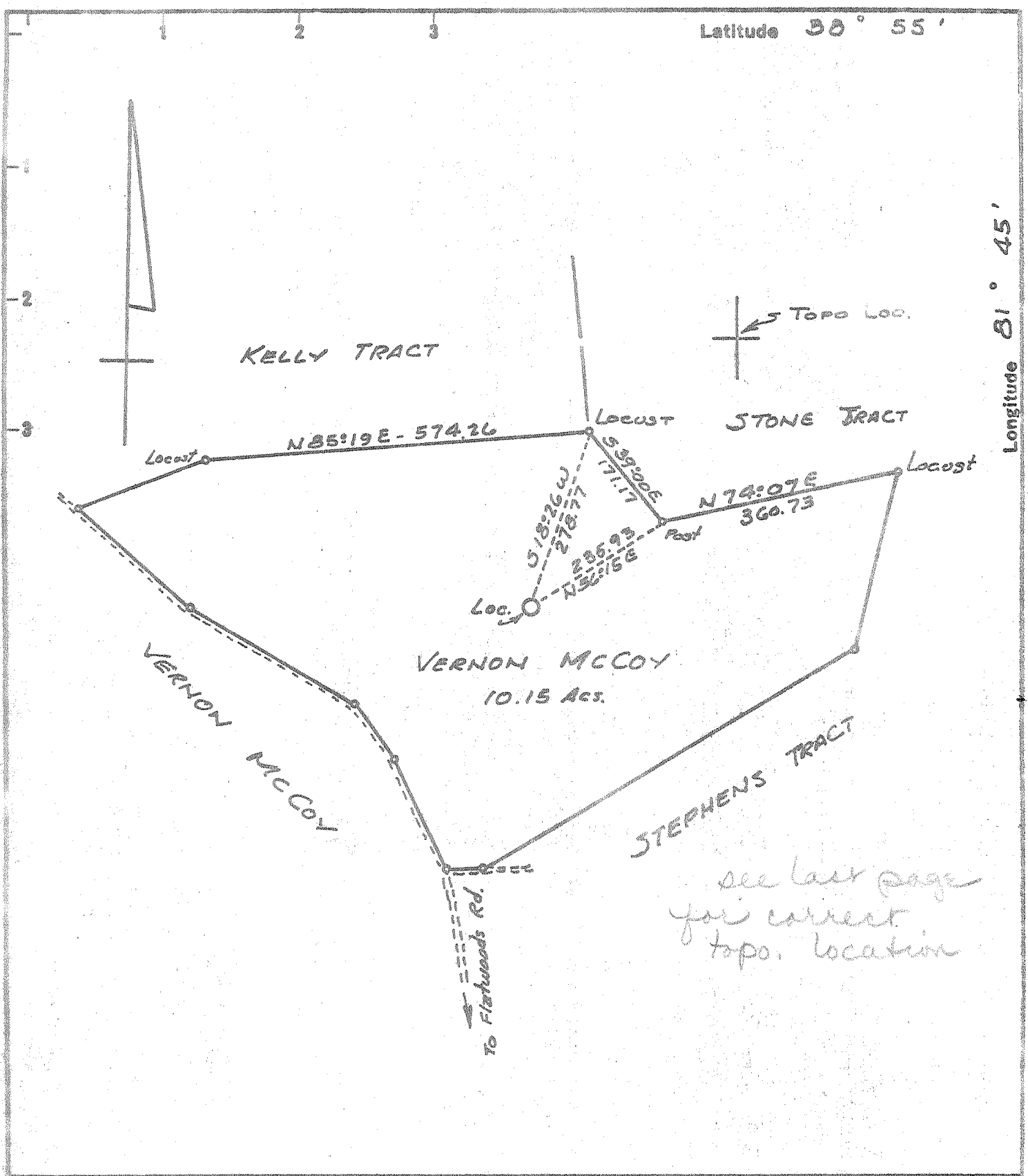
WELL LOCATION MAP
 FILE NO. Joc-1295-P

+ 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.

AUG 2 1974

Deep well



*see last page
for correct
topo. location*

<p>New Location <input checked="" type="checkbox"/> Drill Deeper <input type="checkbox"/> Abandonment <input type="checkbox"/></p>	<p>Minimum Error of Closure <u>1/14 200</u> Source of Elevation <u>U.S.G.S. ELEV. 824 TOP OF KNOB NORTH OF WELL LOC.</u> "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."</p>
--	--

Company	<u>COLONIAL GAS COMPANY</u>		
Address	<u>CHARLESTON, W.VA.</u>		
Farm	<u>VERNON MCCOY</u>		
Tract	Acres <u>10.15</u>	Lease No.	
Well (Farm) No.	<u>1</u>	Serial No.	
Elevation (Spirit Level)	<u>801.0'</u>		
Quadrangle	<u>RAVENSWOOD EC</u>		
County	<u>JACKSON</u>	District	<u>UNION</u>
Engineer	<u>N.L. Septon</u>		
Engineer's Registration No.	<u>1832</u>		
File No.	Drawing No.		
Date	<u>7-3-71</u>	Scale	<u>1" = 200'</u>

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

WELL LOCATION MAP
 FILE NO. Jac-1295

+ 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.

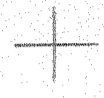
- Denotes one inch spaces on border line of original tracing.

*Deep Well (Newburg)
 JUL 16 1971*

38° 55'

JAC
W (#1295)

ist
25 Has
well



~~2.505-2.45-S~~
~~2.17-W 2.14-W~~

6-6 North Ryley (311)

Ravenswood

EC Deep Well

81° 45'



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS WELLS DIVISION 3

Rotary
Spudder
Cable Tools
Storage C. NOLL
Oil or Gas Well Gas
(KIND)

Quadrangle Ravenswood

WELL RECORD

Permit No. Jac-1295

Company Colonial Gas Company
Address Charleston, West Virginia
Farm Vernon McCoy Acres.....
Location (waters).....
Well No. One (1) Elev. 813KB
District Union County Jackson
The surface of tract is owned in fee by.....
Address.....
Mineral rights are owned by.....
Address.....

Drilling commenced 7/9/71
Drilling completed 8/3/71
Date Shot..... From..... To.....
With.....

Open Flow /10ths Water in..... Inch
/10ths Merc. in..... Inch
Volume 15,000,000 Cu. Ft.
Rock Pressure 1775 lbs. 2 hrs.
Oil..... bbls., 1st 24 hrs.

WELL ACIDIZED (DETAILS).....

WELL FRACTURED (DETAILS) 25,000 lb, 20-40 Sand
700 bbl. water jelled nighty Frac Treatment

RESULT AFTER TREATMENT (Initial open Flow or bbls.).....

ROCK PRESSURE AFTER TREATMENT 2050 HOURS 3 Hours

Fresh Water..... Feet..... Salt Water..... Feet.....

Producing Sand Newburg Depth 5245 - 5251

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer.....
16.....			
13.....			Size of.....
XX 11-3/4	221	221	Depth set.....
8 1/2 5/8	2100	2100	
6 3/4.....			Perf. top.....
5 XX 1/2	5218	5218	Perf. bottom.....
4 1/2.....			Perf. top.....
3.....			Perf. bottom.....
2.....			
Liners Used.....			

Attach copy of cementing record.
CASING CEMENTED Yes SIZE..... No. Ft..... Date.....
Amount of cement used (bags) See other side
Name of Service Co. Halliburton
COAL WAS ENCOUNTERED AT None FEET..... INCHES
..... FEET..... INCHES..... FEET..... INCHES
..... FEET..... INCHES..... FEET..... INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Soil			0	10			
Red Rock			10	60			
Shale			60	140			
Sand			140	155			
Red Rock			155	210			
Shale			210	400			
Red Rock			400	550			
Shale			550	670			
Sand - <u>1 1/2 Pittsburgh Sand?</u>			670	720			
Red Rock			720	910			
Shale			910	1100			
Sand - <u>By Dunkard?</u>			1100	1225			
Shale			1225	1350			
Sand			1350	1480			
Shale			1480	1510			

RECEIVED
AUG 13 1971
OIL & GAS DIVISION
DEPT. OF MINES

(over)

AUG 23 1971

Formation	Color	Hard or Soft	Top 3	Bottom	Oil, Gas or Water	Depth Found	Remarks
Sand - SALT SAND?			1510	1685			
Shale			1685	1725			
Limestone - Big Lime			1725	1840			
Sandstone - Injun?			1840	1990			
Shale			1990	2300			
Coffee Shale			2300	2318			
Sereia			2318	2321			
Shale			2321	4479			
Fossiliferous lm. - 463			4479	4562			
Oriskany Sd.			4562	4570			
Limestone & Dolomite - HELDERBERG & SALINA			4570	5245			
Newburg Sandstone			5245	5251			
Dolomite - McKENZIE			5241	5268			
				5268	DRILLER TOTAL DEPTH		
				545			

CASING RECORD:

- 11-3/4 csg. set @ 221 ft., cemented w/125 sx. 7/11/71
- 8-5/8 csg. set @ 2100 ft., cemented w/120 sx. 7/21/71
- 5-1/2 csg. set @ 5218 ft., cemented w/150 sx. 7/29/71

Date 8/12, 19 71
 APPROVED [Signature], Owner
 By Colonial Gas Co (Title)