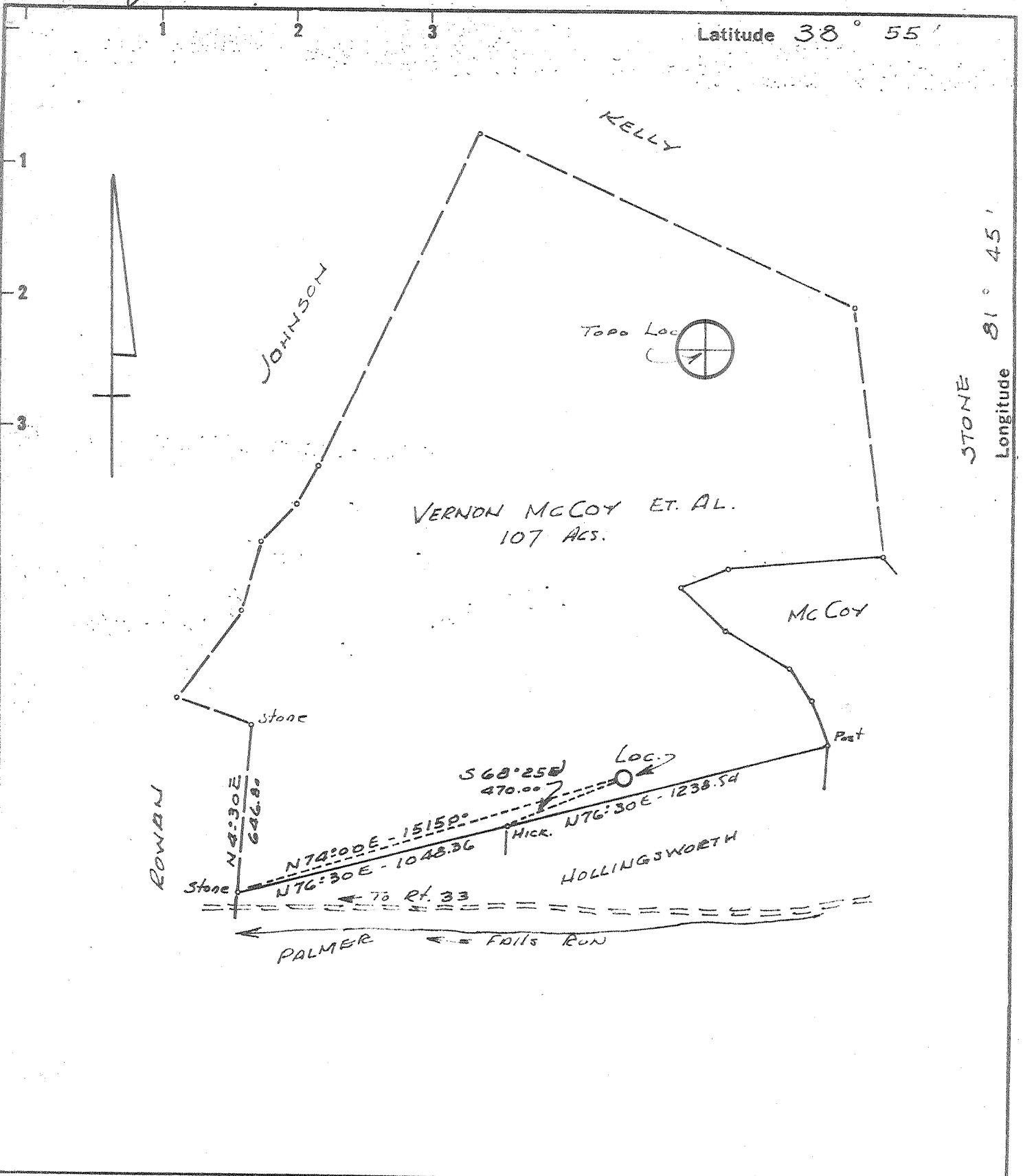


Latitude 38° 55'

Longitude 81° 45'



Minimum Error of Closure 1 in 200
 Source of Elevation USGS Elev. 671 Road Intersection Falls Run

"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."

- New Location
- Drill Deeper
- Abandonment

Burdette Oil & Gas Company
 Company ~~Colonial Gas Company~~
 Address ~~500 North River~~ 9 1/2 Spring St. CHARLESTON, W.VA.
 Farm VERNON MCCOY ET. AL.
 Tract _____ Acres 107 Lease No. _____
 Well (Farm) No. 1 Serial No. ~~1-Hollandsworth~~
 Elevation (Spirit Level) 745.0
 Quadrangle RAVENSWOOD EC
 County JACKSON District UNION
 Engineer N. L. Sefton
 Engineer's Registration No. 1832
 File No. _____ Drawing No. _____
 Date 10-9-71 Scale 1" = 500'

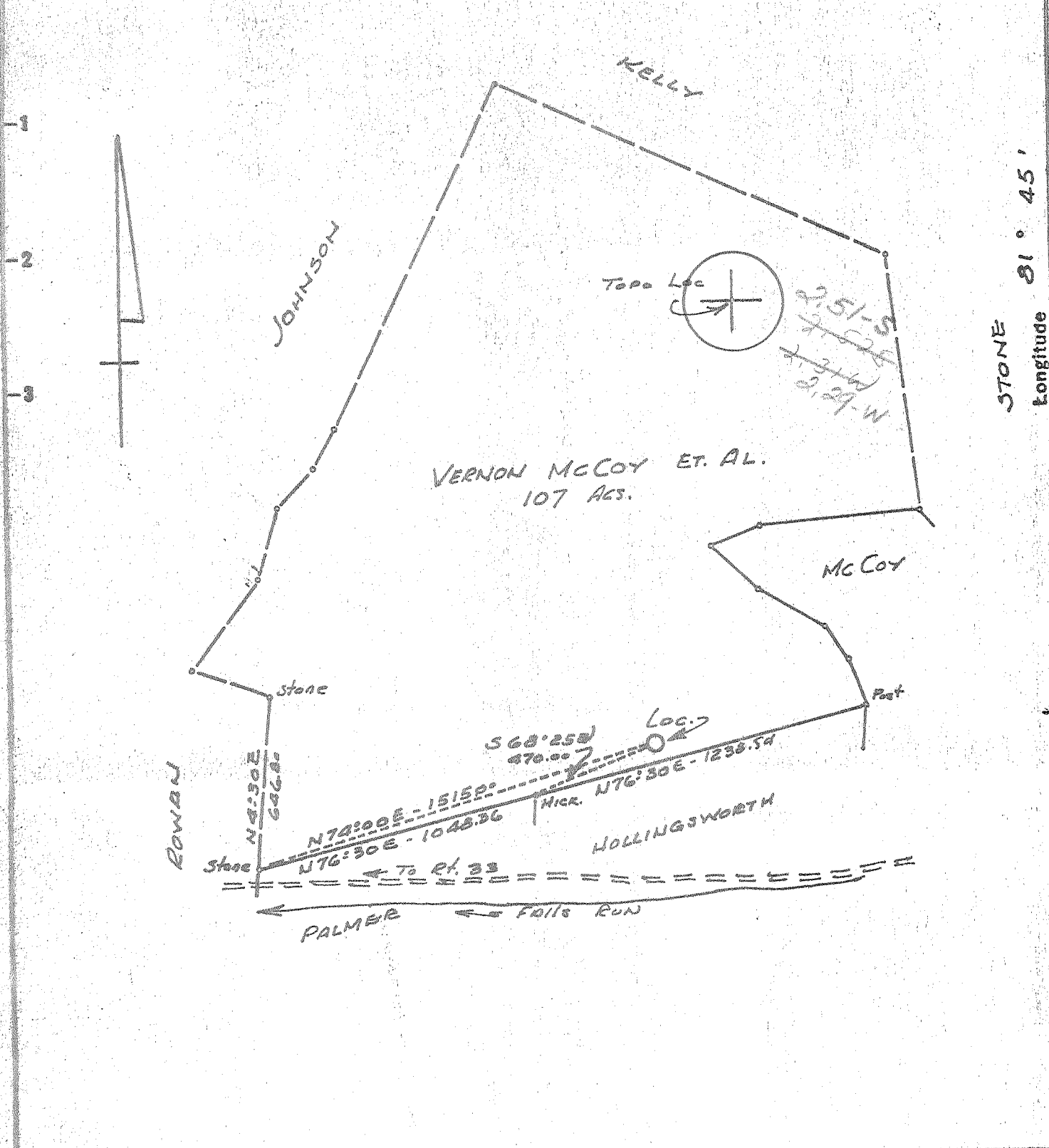
STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION
 CHARLESTON
WELL LOCATION MAP
 FILE NO. JAG-1318-P

+ 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.

Deep Well

SEP 9 1974



New Location
 Drill Deeper
 Abandonment

Minimum Error of Closure 1 in 200
 Source of Elevation U.S.G.S Elev. 671 Road Intersection Falls Run

"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 COLONIAL GAS COMPANY
 Address CHAS. NAT'L. PLAZA, CHARLESTON, W.VA.
 Farm VERNON MCCOY ET. AL.
 Tract _____ Acres 107 Lease No. _____
 Well (Farm) No. 1 Serial No. Hollingsworth
 Elevation (Spirit Level) 745.0
 Quadrangle RAVENSWOOD EC
 County JACKSON District UNION
 Engineer N.L. Sefton
 Engineer's Registration No. 1832
 File No. _____ Drawing No. _____
 Date 10-9-71 Scale 1" = 500'

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

WELL LOCATION MAP
 FILE NO. JAG-1318

+ 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 Ripley North (392) Deep Well
 DEC 13 1971
 (Newburg)

RECEIVED
 JAN 12 1972



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

- Rotary
- Spudder
- Cable Tools
- Storage

Quadrangle Ravenswood
 Permit No. Jac-1318

WELL RECORD

Oil or Gas Well Gas
(KIND)

Company Colonial Gas Company
 Address Chas. Natl. Plaza, Charleston, W. Va.
 Farm Vernon McCoy (Hollingsworth) Acres. 107
 Location (waters) Falls Run
 Well No. One (1) Elev. 757 KB
 District Union County Jackson
 The surface of tract is owned in fee by _____
 Address _____
 Mineral rights are owned by _____
 Address _____
 Drilling commenced 11/26/71
 Drilling completed 12/20/71
 Date Shot _____ From _____ To _____
 With _____
 Open Flow /10ths Water in _____ Inch
/10ths Merc. in _____ Inch
 Volume Est. 5 MM natural Cu. Ft.
 Rock Pressure _____ lbs. hrs.
 Oil _____ bbls., 1st 24 hrs.
 WELL ACIDIZED (DETAILS) 1500 Gas.
28% Acid
 WELL FRACTURED (DETAILS) Yes: 640 BBL 3160 Frac Fluid + 20,000
lbs sand 2-40
 RESULT AFTER TREATMENT (Initial open Flow or bbls.) 3315000, 000 GCF
 ROCK PRESSURE AFTER TREATMENT 2880 lbs. HOURS 15 minutes
 Fresh Water _____ Feet Salt Water _____ Feet
 Producing Sand Newburg Depth _____

| Casing and Tubing | Used in Drilling | Left in Well | Packers |
|-------------------|------------------|--------------|----------------|
| Size | | | Kind of Packer |
| 16 | | | |
| 13 | | | |
| 11-3/4 | 206 | 206 | Size of |
| 8-5/8 | 2000 | 2000 | |
| 6 5/8 | | | Depth set |
| 5 3/16 | | | |
| 4 1/2 | 5160 | 5160 | Perf. top |
| 3 | | | Perf. bottom |
| 2 | | | Perf. top |
| Liners Used | | | Perf. bottom |

Attach copy of cementing record. See other side
 CASING CEMENTED Yes SIZE _____ No. Ft. _____ Date _____
 Amount of cement used (bags) _____
 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 | 5 | | | |
| Shale - Sand & Red Rock | | | 5 | 900 | | | |
| Sand | | | 900 | 1000 | | | |
| Shale | | | 1000 | 1050 | | | |
| Sand - <u>Big Duckard?</u> | | | 1050 | 1135 | | | |
| Shale | | | 1135 | 1160 | | | |
| Sand | | | 1160 | 1190 | | | |
| Shale | | | 1190 | 1240 | | | |
| Sand | | | 1240 | 1260 | | | |
| Shale | | | 1260 | 1320 | | | |
| Sand | | | 1320 | 1350 | | | |
| Shale | | | 1350 | 1390 | | | |
| Sand | | | 1390 | 1410 | | | |
| Shale | | | 1410 | 1490 | | | |
| Sand | | | 1490 | 1525 | | | |

33,500 Mcf

(over)

JAN 24 1972

| Formation | Color | Hard or Soft | Top / | Bottom | Oil, Gas or Water | Depth Found | Remarks |
|------------------------------------------------------|-------|--------------|-------|------------------|-------------------|-------------|---------|
| Shale | | | 1525 | 1550 | | | |
| Sand | | | 1550 | 1580 | | | |
| Shale | | | 1580 | 1650 | | | |
| Sand | | | 1650 | 1685 | | | |
| Limestone - <i>Big Line</i> | | | 1685 | 1775 | | | |
| Sand - <i>Injun</i> | | | 1775 | 1920 | | | |
| Shale | | | 1920 | 4410 | | | |
| Corniferous Lm. - <i>463</i> | | | 4410 | 4494 | | | |
| Oriskany Sandstone | | | 4494 | 4498 | | | |
| Limestone & Dolomite - <i>HELDEBERG & SALINA</i> | | | 4498 | 5170 | | | |
| Newburg Sandstone | | | 5170 | 5179 | | | |
| Dolomite - <i>McKENZIE</i> | | | 5179 | 5190 | | | |
| | | | | 5190 TOTAL DEPTH | | | |
| | | | | <i>545</i> | | | |

CASING RECORD:

- 11-3/4" Casing Set @ 206', cemented to surface 11/29/71
- 8-5/8" Casing Set @ 2000', Cemented W/175 sx. 12/5/71
- 4-1/2" Casing Set @ 5165', Cemented W/240 sx. 12/15/71

Date *January 11*, 19*72*
 APPROVED *Colonial Dr. Company* Owner
 By *C.A. Krueger* General Manager
 (Title)