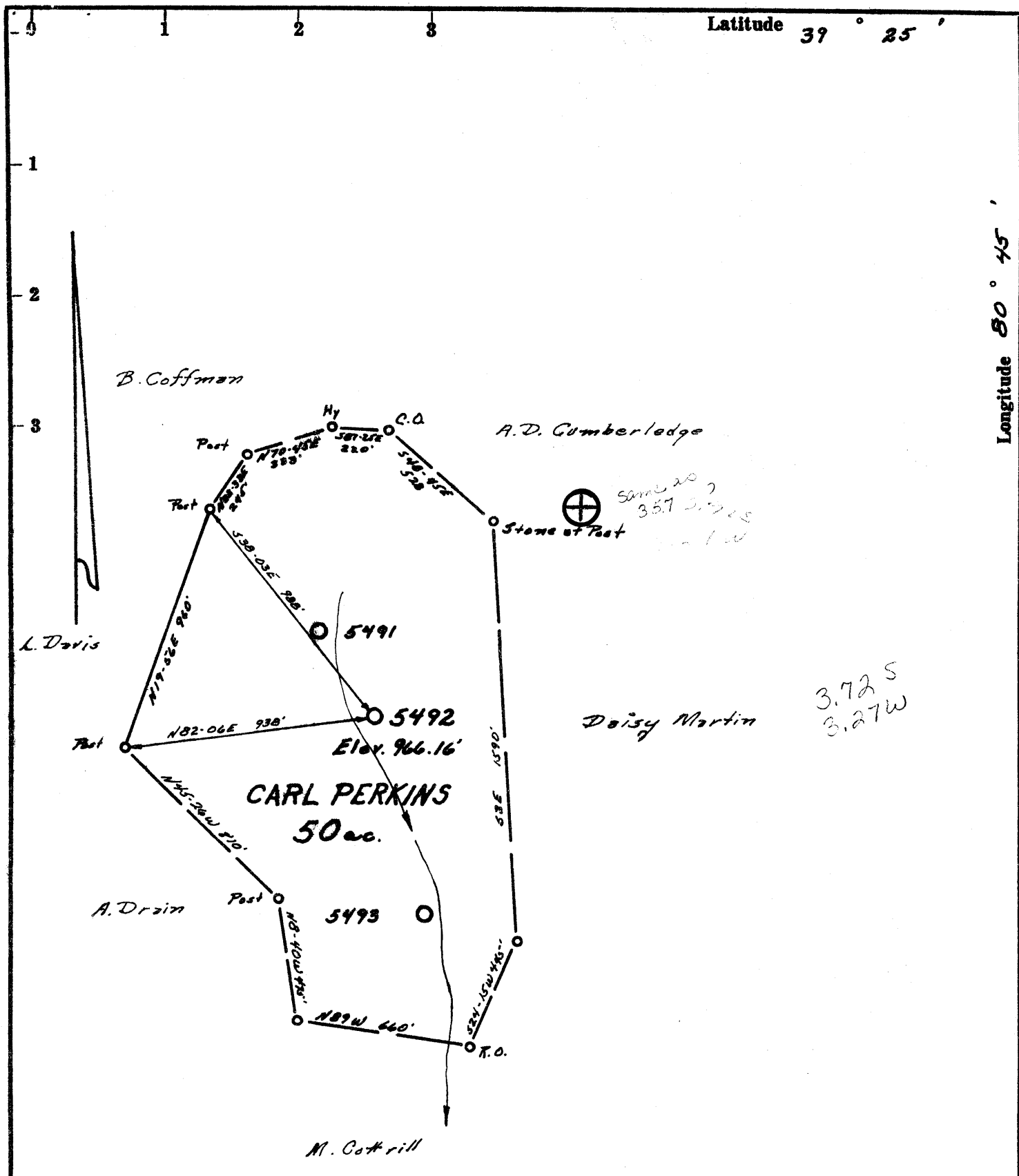


Latitude 39° 25'

Longitude 80° 45'



- Fracture
- Recondition -
- New Location
- Drill Deeper
- Abandonment **10/16/74**

Source of Elevation B.M. 834' Bridge at Camp Mistake
 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.
 Minimum accuracy, one part in 200

Company	EQUITABLE GAS CO. W.VA. DIV	
Address	PITTSBURGH, PA. 15219	
Farm	CARL PERKINS	
Tract	Acres 50	Lease No. 26218
Well (Farm) No.	2	Serial No. 5492
Elevation (Spirit Level)	966.16'	
Quadrangle	WEST UNION 22 EC	
County	TYLER	District M ^o ELROY
Engineer	R.S. McWilliam	
Engineer's Registration No.	105 L.L.S.	
File No.	222148	Drawing No.
Date	8-27-73	Scale 1" = 500'

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

WELL LOCATION MAP ^W
 FILE NO. TYL-357-RED-F

+ 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.

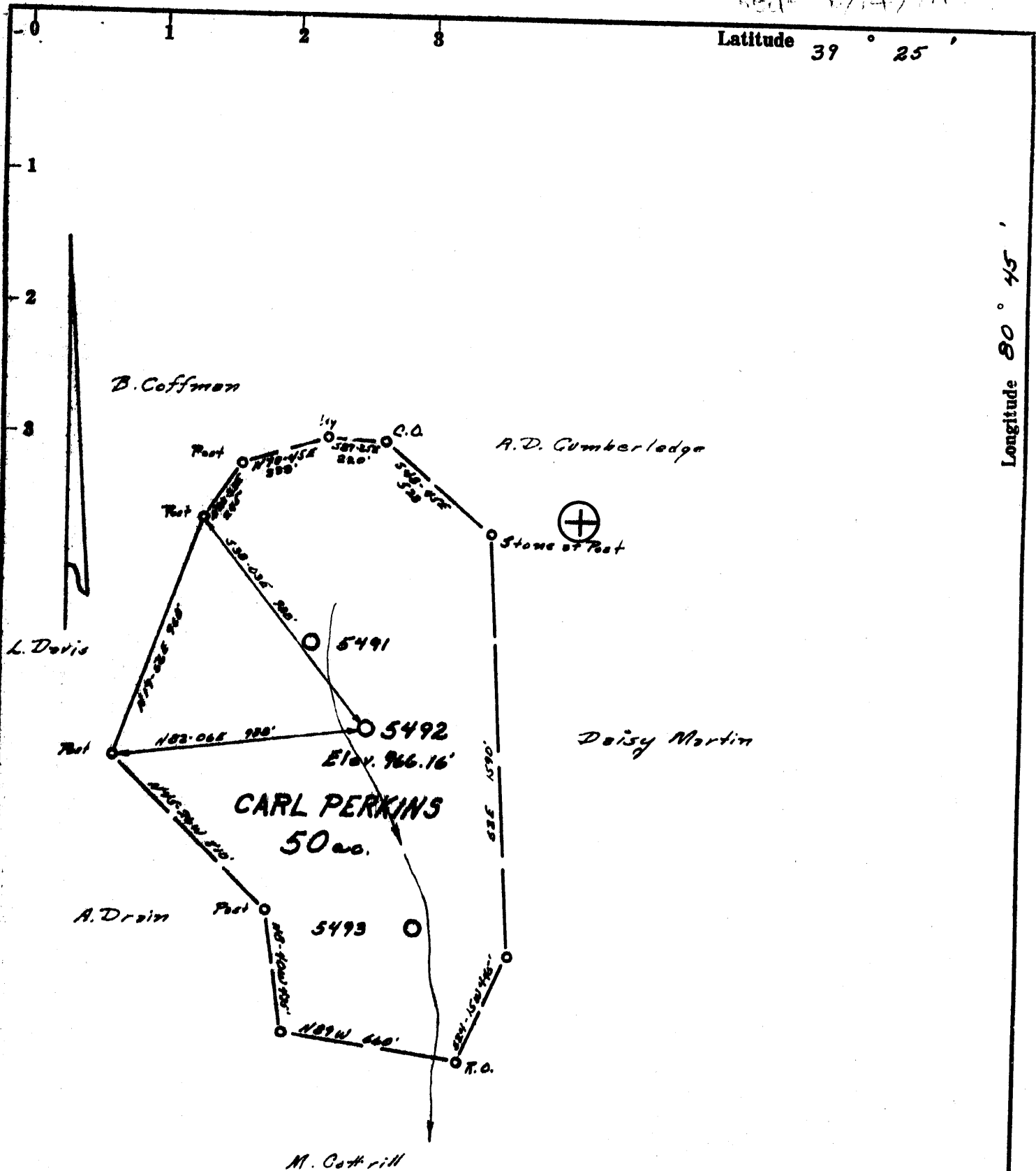
47 095

OWWO 8-0 Plugged - not a storage well OCT 31 1974 Wilbur

WEL- 6/14/1973

Latitude 39° 25'

Longitude 80° 45'



- Fracture...
- Recondition
- New Location...
- Drill Deeper...
- Abandonment...

Source of Elevation B.M. 834 Bridge at Camp Mistake
 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.
 Minimum accuracy, one part in 200

Company EQUITABLE GAS CO. W.VA. DIV
 Address PITTSBURGH, PA. 15219
 Farm CARL PERKINS
 Tract _____ Acres 50 Lease No. 26218
 Well (Farm) No. 2 Serial No. 5492
 Elevation (Spirit Level) 966.16'
 Quadrangle WEST UNION 22 EC
 County TYLER District N° ELROY
 Engineer R. S. McWilliam
 Engineer's Registration No. 105 L.L.S.
 File No. 222148 Drawing No. _____
 Date 6-27-73 Scale 1" = 500'

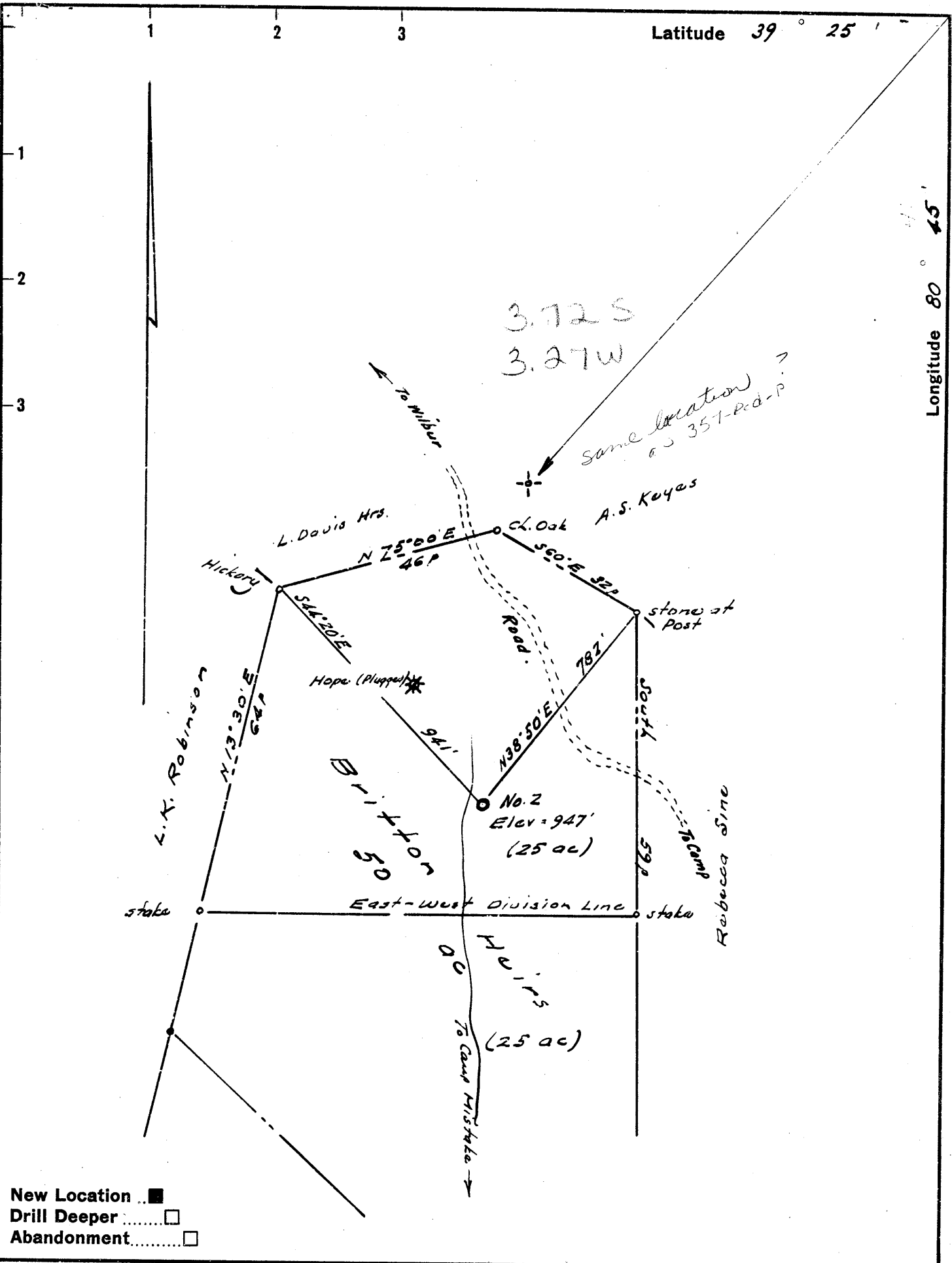
STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION
 CHARLESTON

WELL LOCATION MAP W
 FILE NO. TYL-357-RED

+ 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.

47 095



New Location
 Drill Deeper
 Abandonment

Company Lenox Oil & Gas Co.
 Address Box 294, Weston, W. Va.
 Farm Britton Heirs
 Tract _____ Acres 25 Lease No. _____
 Well (Farm) No. Two Serial No. _____
 Elevation (Spirit Level) 947'
 Quadrangle West Union EC
 County Tyler District McElroy
 Engineer W. S. [Signature]
 Engineer's Registration No. 1227
 File No. _____ Drawing No. _____
 Date Aug 14, 1962 Scale 1" = 400'

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

WELL LOCATION MAP
 FILE NO. Ty1 - 357

+ Denotes location of well on United States Topographic Maps, scale 1 to 62,500, at-itude and longitude lines being represented by border lines as shown.

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



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

Oil and Gas Division

WELL RECORD

RECORDED
NOV 18 1974

Quadrangle West Union SE 2.1

Permit No. Tyl-357-Red

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

Company Equitable Gas
Address Pittsburgh, PA 15219
Farm Carl D. Perkins Acres 50
Location (waters) Camp Mistake Run
Well No. 5492 Elev. 966.16
District McElroy County Tyler
The surface of tract is owned in fee by Carl D. Perkins
Address Rt. 3, Pennsboro, W.VA 26415
Mineral rights are owned by Same as surface
Address _____

Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Size 20-16			
Cond. 10-10"	19	19	
9 5/8	240	0	
8 5/8	1014	0	
7			
5 1/2			
4 1/2	2014	99	
3			
2			
Liners Used			

Re Drilling Commenced 10-10-74
Re Drilling Completed 10-23-74
Initial open flow _____ cu. ft. _____ bbls.
Final production _____ cu. ft. per day _____ bbls.
Well open _____ hrs. before test _____ RP.
Well treatment details:

Attach copy of cementing record.

Redrilled for gas storage, but PTA

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

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
<u>Gamma Log from 1300 to 2009</u>						
Salt Sand			1321	1600		
Maxton Sand			1649	1689		
Little Lime			1770	1797		
Big Lime			1803	1866		
Big Injun Sand			1870	2006		
Total Depth				2014		

Plugged 10-23-74

(over)

* Indicates Electric Log tops in the remarks section.



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION 6

Quadrangle West Union

Permit No. TYL-357

WELL RECORD

Oil or Gas Well oil and gas
(KIND)

Company Lennox Oil and Gas Company
Address Box 294, Weston, W. Va.
Farm W. A. Britton Acres 25
Location (waters) Camp Mistake
Well No. 2 Elev. 947'
District McElroy County Tyler
The surface of tract is owned in fee by W. A. Britton
Address West Union, W. Va.
Mineral rights are owned by W. A. Britton
Address West Union, W. Va.
Drilling commenced August 22, 1962
Drilling completed September 22, 1962
Date Shot no From _____ To _____
With _____
Open Flow 1/10ths Water in 2" Inch
_____/10ths Merc. in _____ Inch
Volume 40 M Cu. Ft.
Rock Pressure 240 lbs. _____ hrs.
Oil show bbls., 1st 24 hrs.
WELL ACIDIZED no

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer <u>none</u>
16	19	19	
13			
10	240	0	Size of _____
8 1/2	1014	0	
6 3/4			Depth set _____
5 3/16			
3 4-1/2	0	2010	Perf. top <u>1916</u>
2	0	2010	Perf. bottom <u>1918</u>
Liners Used	0		Perf. top <u>1973</u>
			Perf. bottom <u>1975</u>

CASING CEMENTED yes SIZE 4-1/2 No. Ft. 2010 Date
October 1, 1962 40 sks. H.E. cement
10 aquagel-Halliburton
COAL WAS ENCOUNTERED AT none FEET _____ INCHES
____ FEET _____ INCHES FEET _____ INCHES
____ FEET _____ INCHES FEET _____ INCHES

WELL FRACTURED yes

RESULT AFTER TREATMENT open flow 370 MCF 812??

ROCK PRESSURE AFTER TREATMENT 460 lbs.

Fresh Water none Feet _____ Salt Water none Feet _____

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Clay			0	18			
Sand			18	25			
Rock	Red		25	48			
Slate			48	58			
Rock	Red		58	70			
Slate-shale			70	149			
Rock	Red		149	186			
Slate-shale			186	195			
Rock	Red		195	200			
Shale			200	210			
Sand			210	262			
Lime shale			262	287			
Slate-shale			287	335			
Slate	Blue		335	342			
Lime-shale			342	346			
Lime	Blue		346	359			
Rock	Red		359	368			
Lime-shale			368	415			
Rock	Red		415	431			
Lime-shale			431	442			
Sand, rock			442	465			
Slate-shale			465	503			
Sand			503	508			
Slate			508	560			
Lime, shale			560	568			
Lime	Black		568	579			



Formation	Color	Hard or Soft	Top ⁶	Bottom	Oil, Gas or Water	Depth Found	Remarks
Lime	Brown		579	600			
Slate, shale			600	608			
Lime, shale			608	616			
Sand, lime			616	627			
Slate	Blue		627	641			
Sand			641	649			
Shale			649	674			
Broken lime			674	689			
Shale			689	709			
Rock	Red		709	720			
Slate	Blue		720	728			
Rock	Red		728	751			
Shale			751	756			
Rock			756	764			
Shale			764	790			
Rock	Red		790	829			
Shale			829	844			
Slate	Blue		844	867			
Lime	Black		867	893			
Rock	Red		893	920			
Slate			920	966			
Sand, lime			966	970			
Rock	Red		970	991			
Slate, shale			991	1012			
Sand			1012	1016			
Slate	Blue		1016	1034			
Shale			1034	1051			
Sand, lime			1051	1064			
Slate	Blue		1064	1089			
Sand			1089	1110			
Slate, shale			1110	1148			
Lime, sand			1148	1192			
Lime, sand			1192	1210			
Slate, shale			1210	1260			
Lime			1260	1272			
Slate	Black		1272	1293			
Shale	Black		1293	1314			
Sand			1314	1435			
Lime	Black		1435	1452			
Lime, sand			1452	1490			
Slate, shale			1490	1523			
Sand			1523	1552			
Sand, lime			1552	1632			
Sand			1632	1673			
Shale			1673	1682			
Lime, sand			1682	1749			
Lime	light		1749	1776			
Slate			1776	1783			
Lime	Blue		1783	1882			
Sand			1882	1996	Oil	1898-1906	Show INJUD
					Gas	1906-1917	Show
					Gas & Oil	1950-1962	Show
					Gas	1962-1970	Show
					Gas & Oil	1980-1996	Show
Slate			1996	2010			Total depth

Date _____, 19____

APPROVED _____, Owner

By _____ (Title)



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

RECEIVED
JUN 14 1974

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 June 12, 1974

Surface Owner PERKINS, Carl D. Company Equitable Gas Company
 Address Rt. 3, Pennsboro, West Virginia 26415 Address Pittsburgh, Pennsylvania 15219
 Mineral Owner Same as above Farm Carl Perkins Acres 50
 Address _____ Location (waters) Camp Mistake Run
 Coal Owner Same as above Well No. 5492 Elevation 966.16
 Address _____ District McElroy County Tyler
 Coal Operator _____ Quadrangle West Union S.E. 2²
 Address _____

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 redrilling. This permit shall expire if operations have not commenced by 10-17-74

[Signature]
Deputy Director - Oil & Gas Division

INSPECTOR TO BE NOTIFIED Paul Goodnight
Smithville, W. Va. PH: 477-2455

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 August 2, 1973 by Carl D. Perkins made to Equitable Gas Company and recorded on the 23rd day of August 1973, in Tyler County, Book 198 Page 396

_____ NEW WELL _____ DRILL DEEPER XX REDRILL _____ 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) S. M. Lingner

Well Operator
EQUITABLE GAS COMPANY
420 Boulevard of the Allies
 Street
Pittsburgh
 City or Town
Pennsylvania 15219
 State

Address of Well Operator

PLEASE SUBMIT COPIES OF ALL
GEOPHYSICAL LOGS DIRECTLY TO:
West Virginia Geological and Economic Survey
P. O. Box 379
Martinsburg, W. Va. 26505
AC 304-296-4461

*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 PERMIT

TYL-357-RED. PERMIT NUMBER

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

PROPOSED WORK ORDER TO RE DRILL DEEPEN FRACTURE-STIMULATE
 DRILLING CONTRACTOR: (If Known) _____ RESPONSIBLE AGENT: _____
 NAME _____ NAME H. E. Gardner, Div., Supt.
 ADDRESS _____ ADDRESS Box 1550, Clarksburg, W. Va. 26301
 TELEPHONE _____ TELEPHONE (304) 624-6576
 ESTIMATED DEPTH OF COMPLETED WELL: 1920 ROTARY XX CABLE TOOLS _____
 PROPOSED GEOLOGICAL FORMATION: Big Injun
 TYPE OF WELL: OIL _____ GAS _____ COMB. _____ STORAGE XX 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	1014	1014	Cem. to surface
7			
5 1/2	1880	1880	Cem. to 800'
4 1/2			
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS None FEET _____ SALT WATER _____ FEET _____
 APPROXIMATE COAL DEPTHS No mineable coal _____
 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