



Minimum Error of Closure 1 in 200'
 Source of Elevation Duncan-Batson No. 1 - 1114'

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.

- Fracture
- New Location
- Drill Deeper
- Abandonment

Signed: M. H. [Signature]
 Squares: N S E W

Company Petroleum Corporation of America
 Address 185 Washington Ave., Clarksburg, W. Va.
 Farm Faris Heirs
 Tract _____ Acres Part 77A Lease No. _____
 Well (Farm) No. 1004 Serial No. _____
 Elevation (Spirit Level) 1101
 Quadrangle Philippi NW
 County Harrison District Simpson
 Engineer [Signature]
 Engineer's Registration No. 1227
 File No. _____ Drawing No. _____
 Date January 30, 1970 Scale 1" = 500'

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

WELL LOCATION MAP
 FILE NO. HAR - 530

+ 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.



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

Rotary
Spudder
Cable Tools
Storage

Tradrangle Philippi
Permit No. Har-530

WELL RECORD

Oil or Gas Well. Gas

Company Petroleum Corporation Of America
Address Box 26, Bridgeport, W. Va.
Owner Faris Heirs Acres 274
Location (waters) Brushey Fork
Well No. 1004 Elev. 1101
District Simpson County Harrison
The surface of tract is owned in fee by Faris Heirs
Address Bridgeport, W. Va.
Mineral rights are owned by Faris Estate
Address Bridgeport, W. Va.
Drilling commenced 2/7/70
Drilling completed 2/9/70
Date Shot From To
Open Flow /10ths Water in Inch
/10ths Merc. in Inch
Volume show Cu. Ft.
Rock Pressure lbs. hrs.
Oil bbls., 1st 24 hrs.
WELL ACIDIZED (DETAILS)
WELL FRACTURED (DETAILS) Dowell, 1210 BBL, 40,000# 20-40 mesh sand
RESULT AFTER TREATMENT (Initial open Flow or bbls.) 1,235 mcf/d
ROCK PRESSURE AFTER TREATMENT 430 HOURS 24
Fresh Water 38' Feet Salt Water Feet
Producing Sand Big Injun # Keener Depth 1344 to 1422

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13	21	21	Size of
10			Depth set
8 1/4	5/8 300	300	
6 3/4			
5 3/16		1460	
3			Perf. top <u>1324</u>
2			Perf. bottom <u>1331</u>
Liners Used			Perf. top <u>1374</u>
			Perf. bottom <u>1377</u>

Attach copy of cementing record.
CASING CEMENTED 4 1/2 SIZE 1460 No. Ft. 2/9/70 Date
Amount of cement used (bags) 110
Name of Service Co. Dowell
COAL WAS ENCOUNTERED AT FEET INCHES
FEET INCHES FEET INCHES
FEET INCHES FEET INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Clay & Shale			Surf.	34			
Sand			34	74			
Shale			74	156			
Sand			156	174			
Shale			174	299			
Sand			299	314			
Shale			314	443			
Sand			443	505			
Shale, sdy			505	810			
Sand			810	873			
Shale			873	946			
Sand			946	1000			
Shale			1000	1040			
Sand, shy			1040	1130			
Shale			1130	1200			
Lime			1200	1217			
Shale - P. Cave			1217	1238			
Sand			1238	1259			
Lime			1259	1314			
Sand			1314	1344			
Sand			1344	1422			
Shale			1422	1470 T.D.			

RECEIVED
MAY 15 1970
OIL & GAS DIVISION
DEPT. OF MINES

Little Lime
Blue Monday
Big Lime
Keener
Big Injun