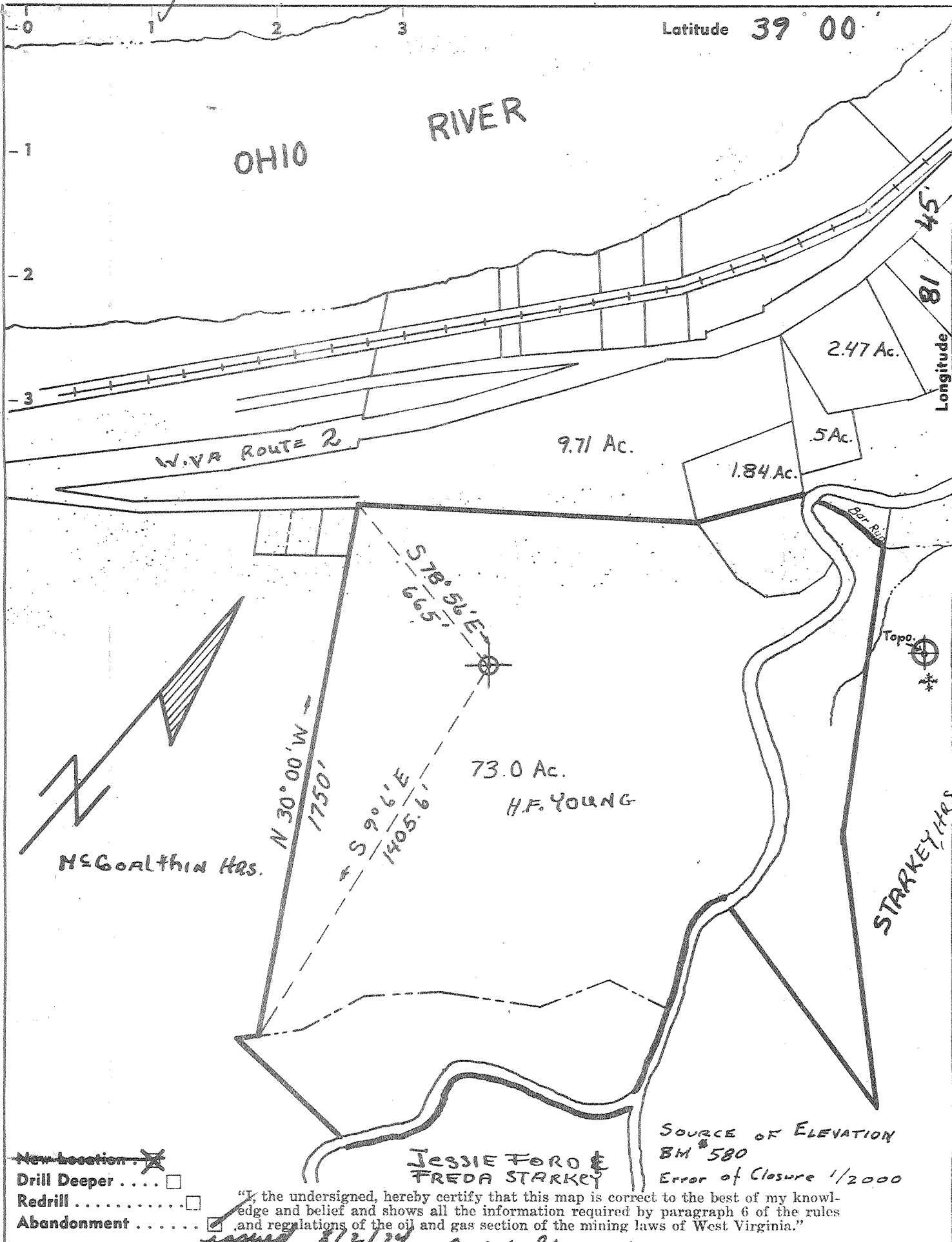


Latitude 39 00



- New Location
- Drill Deeper
- Redrill
- Abandonment

"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 Hancock Wells & National Petroleum Corp.  
 Address 6161 Busch Blvd Columbus, Ohio 43229  
 Farm H.F. YOUNG

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

Tract \_\_\_\_\_ Acres 73.0 Lease No. \_\_\_\_\_  
 Well (Farm) No. 1 Serial No. \_\_\_\_\_  
 Elevation (Spirit Level) 764.23  
 Quadrangle RAVENSWOOD NE  
 County JACKSON District RAVENSWOOD  
 Engineer [Signature]  
 Engineer's Registration No. 1530  
 File No. S-642 Drawing No. S-642  
 Date JUNE 4, 1970 Scale 1" = 400'

WELL LOCATION MAP

FILE NO. JAC-1225-P (was 1214)  
~~CORRECTED TOPO. LOCATION~~  
 Reissued as **JAC-1225-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.

**OHIO RIVER**

W.VA ROUTE 2

9.71 Ac.

2.47 Ac.

.5 Ac.

1.84 Ac.

73.0 Ac.

H.F. YOUNG

McGoalthin Hrs.

N 30° 00' W  
1750'

S 9° 06' E  
1405.6'

S 78° 56' E  
665'



STARKEY HAS

- New Location
- Drill Deeper
- Redrill
- Abandonment

"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."

Jessie Ford & Freda Starkey

SOURCE OF ELEVATION  
BM # 580  
Error of Closure 1/2000

Company ~~Hancock Wells~~ **National Petroleum Corp.**  
 Address ~~1041 VALLEY RD. CHARLESTON W.VA.~~ **6161 Busch Blvd. Columbus, Ohio, 43229**  
 Farm **H.F. YOUNG**  
 Tract \_\_\_\_\_ Acres **73.0** Lease No. \_\_\_\_\_  
 Well (Farm) No. **4** Serial No. \_\_\_\_\_  
 Elevation (Spirit Level) **764.23**  
 Quadrangle **RAVENSWOOD NE**  
 County **JACKSON** District **RAVENSWOOD**  
 Engineer **Carl P. Baker**  
 Engineer's Registration No. **1530**  
 File No. **S-642** Drawing No. **S-642**  
 Date **JUNE 4, 1970** Scale **1" = 400'**

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

**WELL LOCATION MAP**

FILE NO. ~~JAC-1224~~

CORRECTED TOPO. LOCATION  
Reissued as **JAC-1225**

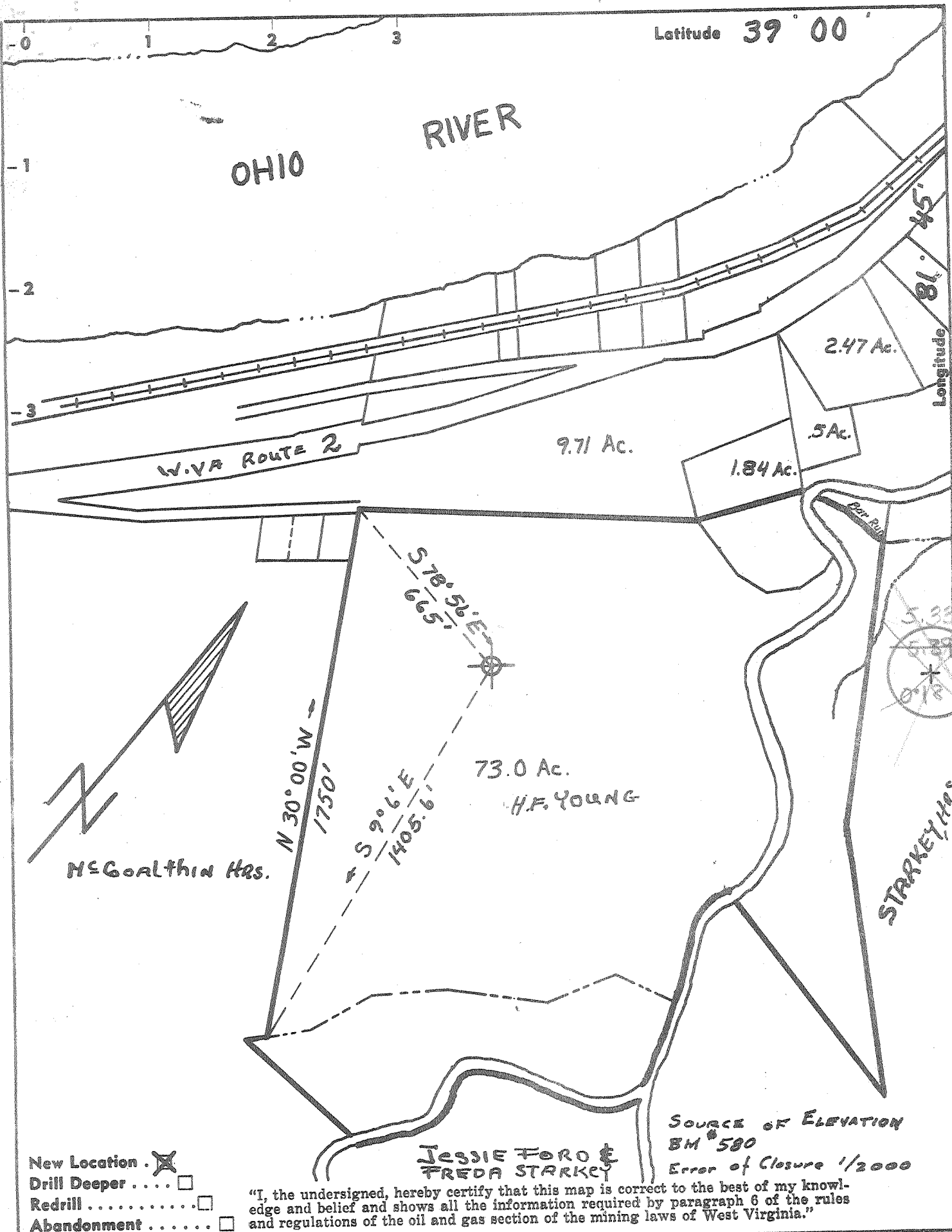
+ Denotes location of well on United States Topographic Maps, scale 1 to 62,500, latitude and longitude lines being represented by border lines as shown.

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

~~H - Grandhog Creek SE (348)~~

Deep Well  
(Newburg)

JUL 24 1972



- New Location
- Drill Deeper
- Redrill
- Abandonment

"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."

Jessie Ford & Freda Starkey

SOURCE OF ELEVATION  
BM #580  
Error of Closure 1/2000

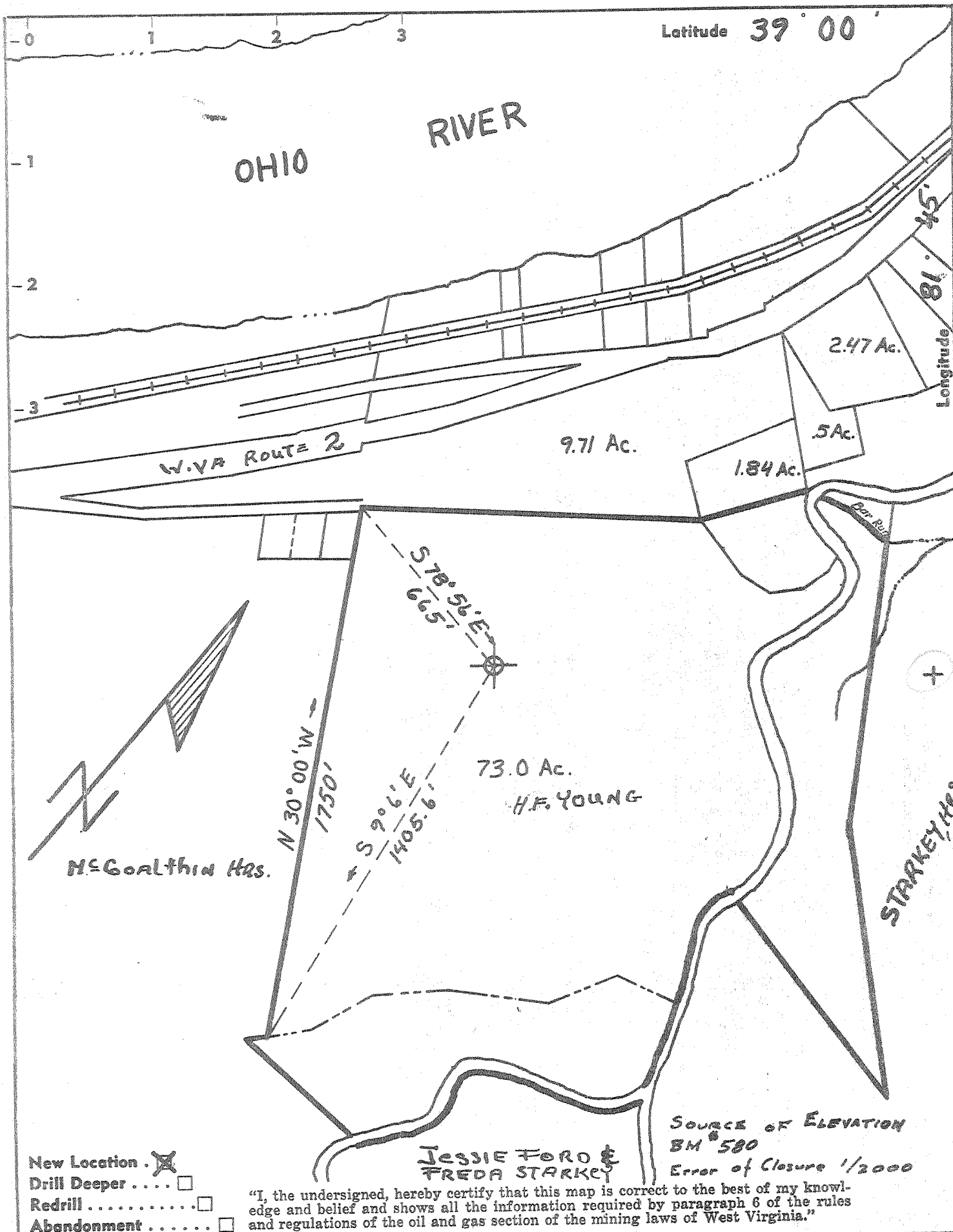
Company ~~Hunter Wells~~ **National Petroleum Corp.**  
 Address ~~6161 Busch Blvd., Columbus, Ohio, 43229~~  
 Farm H.F. Young  
 Tract \_\_\_\_\_ Acres 73.0 Lease No. \_\_\_\_\_  
 Well (Farm) No. 1 Serial No. \_\_\_\_\_  
 Elevation (Spirit Level) 764.23  
 Quadrangle RAVENSWOOD NE  
 County JACKSON District RAVENSWOOD  
 Engineer John K. Baker  
 Engineer's Registration No. 1530  
 File No. S-642 Drawing No. S-642  
 Date JUNE 4, 1970 Scale 1" = 400'

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

WELL LOCATION MAP  
FILE NO. ~~100-1225~~

Reissued as JAC-1225  
+ 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.



Company HARLEY WELLS III

Address 1041 VALLEY RD. CHARLESTON W.VA.

Farm H.F. YOUNG

Tract \_\_\_\_\_ Acres 73.0 Lease No. \_\_\_\_\_

Well (Farm) No. 1 Serial No. \_\_\_\_\_

Elevation (Spirit Level) 764.23

Quadrangle RAVENSWOOD NE

County JACKSON District RAVENSWOOD

Engineer [Signature]

Engineer's Registration No. 1530

File No. S-642 Drawing No. S-642

Date JUNE 4, 1970 Scale 1" = 400'

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

WELL LOCATION MAP

FILE NO. JAC-1214

REISSUED AS JAC-1225  
 (with corrected well location)

+ 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.

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

Rotary   
Spudder   
Cable Tools   
Storage  G: NOLL  
Oil or Gas Well Gas  
(KIND)

Quadrangle Ravenswood  
Permit No. JAC-1225 (Formerly JAC-1214)

WELL RECORD

Company NATIONAL PETROLEUM CORPORATION Management Control Corporation  
Address 518 Market St., East Liverpool, Ohio  
Farm Howard F. Young Acres.....  
Location (waters).....  
Well No. 1 Elev. 778KB  
District Ravenswood County Jackson  
The surface of tract is owned in fee by.....  
Mineral rights are owned by H. F. Young  
Address Ravenswood, W. Va.  
Drilling commenced 8-25-70  
Drilling completed 9-15-70  
Date Shot..... From..... To.....  
With.....

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer.....
16			
13 3/8	129	129	
10			Size of.....
8 5/8	1917	1917	
6 5/8			Depth set.....
5 1/2	5186	5186	
4 1/2			Perf. top.....
3	5225	5225	Perf. bottom.....
2			Perf. top.....
Liners Used			Perf. bottom.....

Open Flow /10ths Water in..... Inch  
/10ths Merc. in..... Inch  
Volume..... Cu. Ft.  
Rock Pressure..... lbs..... hrs.  
Oil..... bbls., 1st 24 hrs.  
WELL ACIDIZED (DETAILS).....  
WELL FRACTURED (DETAILS) 750 Bbls Treated Water, 60,000# Sand, 500 Gals Acid  
RESULT AFTER TREATMENT (Initial open Flow or bbls.) 1250 Mcf  
ROCK PRESSURE AFTER TREATMENT 2080 HOURS 20  
Fresh Water..... Feet..... Salt Water..... Feet.....  
Producing Sand Newburg Depth 5225

Attach copy of cementing record.  
CASING CEMENTED 85/8 SIZE 1917 No. Ft..... Date.....  
Amount of cement used (bags) To Surface  
Name of Service Co. Halliburton  
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
Sand & Shale			Surface	1676			
Lime (Big Lime)			1676	1766			
Shale			1766	1810			
Sand (Injun)			1810	1897			
Silt & Shale			1897	2231			
Sand (Berea)			2231	2237			
Shale & Silt			2237	4439			
Onandaga	<u>463</u>		4439	4530			
Oriskany			4530	4555			
<u>Newburg # SAUNA</u>			<u>4655</u>	<u>5225</u>			
Newburg			5225	5238	Gas	5227	Est. 1,000 Mcf GPD
T.D.	<u>Makeup lime</u>		<u>5238</u>	5239			
				<u>545</u>			

RECEIVED  
JUN 1 1971