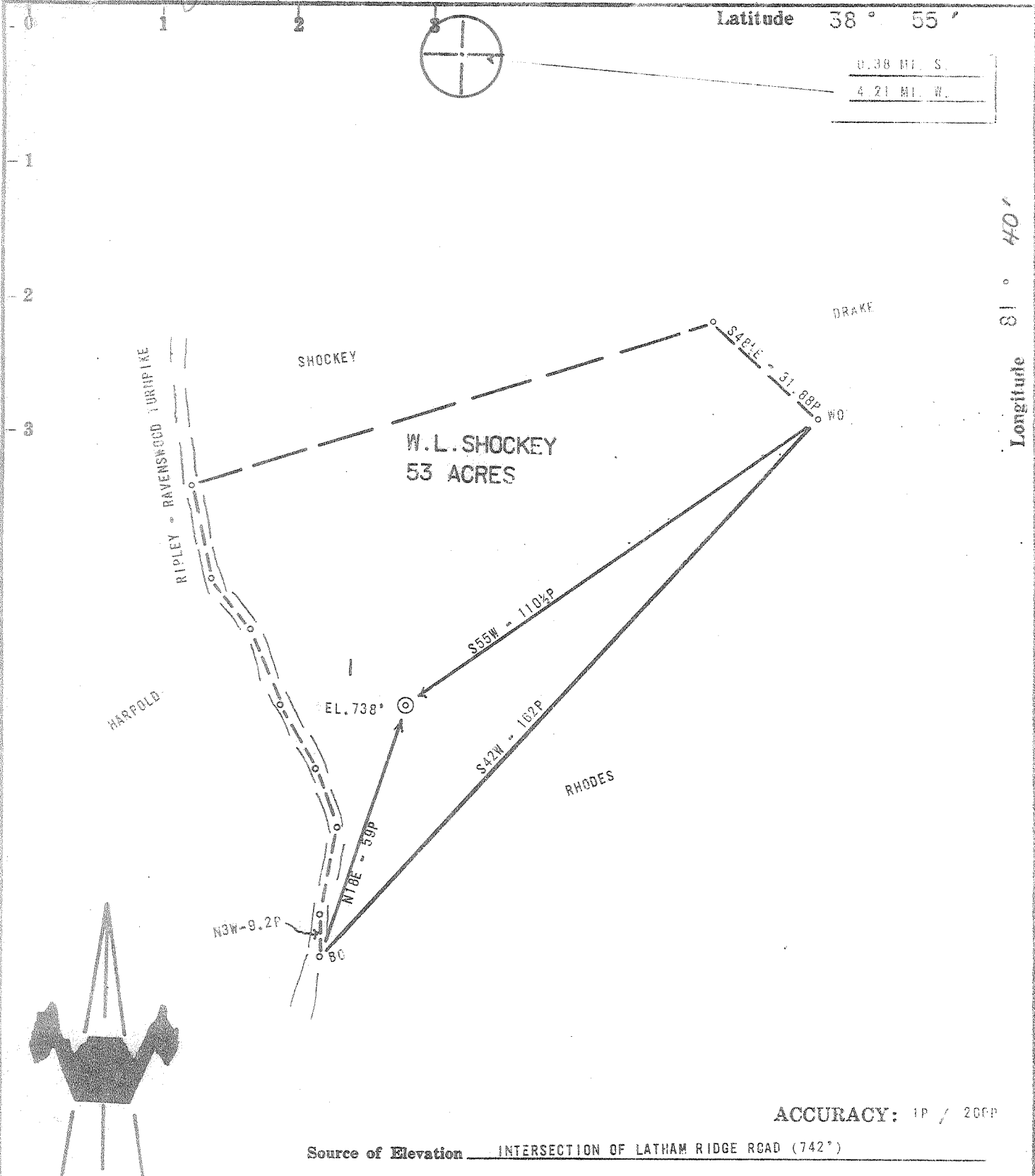


Latitude 38° 55'

0.38 MI. S.  
4.21 MI. W.



ACCURACY: 1P / 200P

Source of Elevation INTERSECTION OF LATHAM RIDGE ROAD (742')

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.

Drill Deeper

Fracture

Redrill

Jackson Development Co., Inc. *issued 4-16-71*

Company *10-1-71*

Address *14th Floor*

Farm *W.L. SHOCKEY*

Tract Acres *53* Lease No.

Well (Farm) No. *1* Serial No.

Elevation (Spirit Level) *738'*

Quadrangle *RIPLEY WC*

County *JACKSON* District *RAVENSWOOD*

Engineer *CHET WATERMAN*

Engineer's Registration No. *3788*

File No. *71003-18* Drawing No.

Date *1/19/71* Scale *1" = 30P*

*Chet Waterman*

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

WELL LOCATION MAP

FILE NO. *Jac-1263-RED-P*  
*Now-JSC-1263-RED-P*

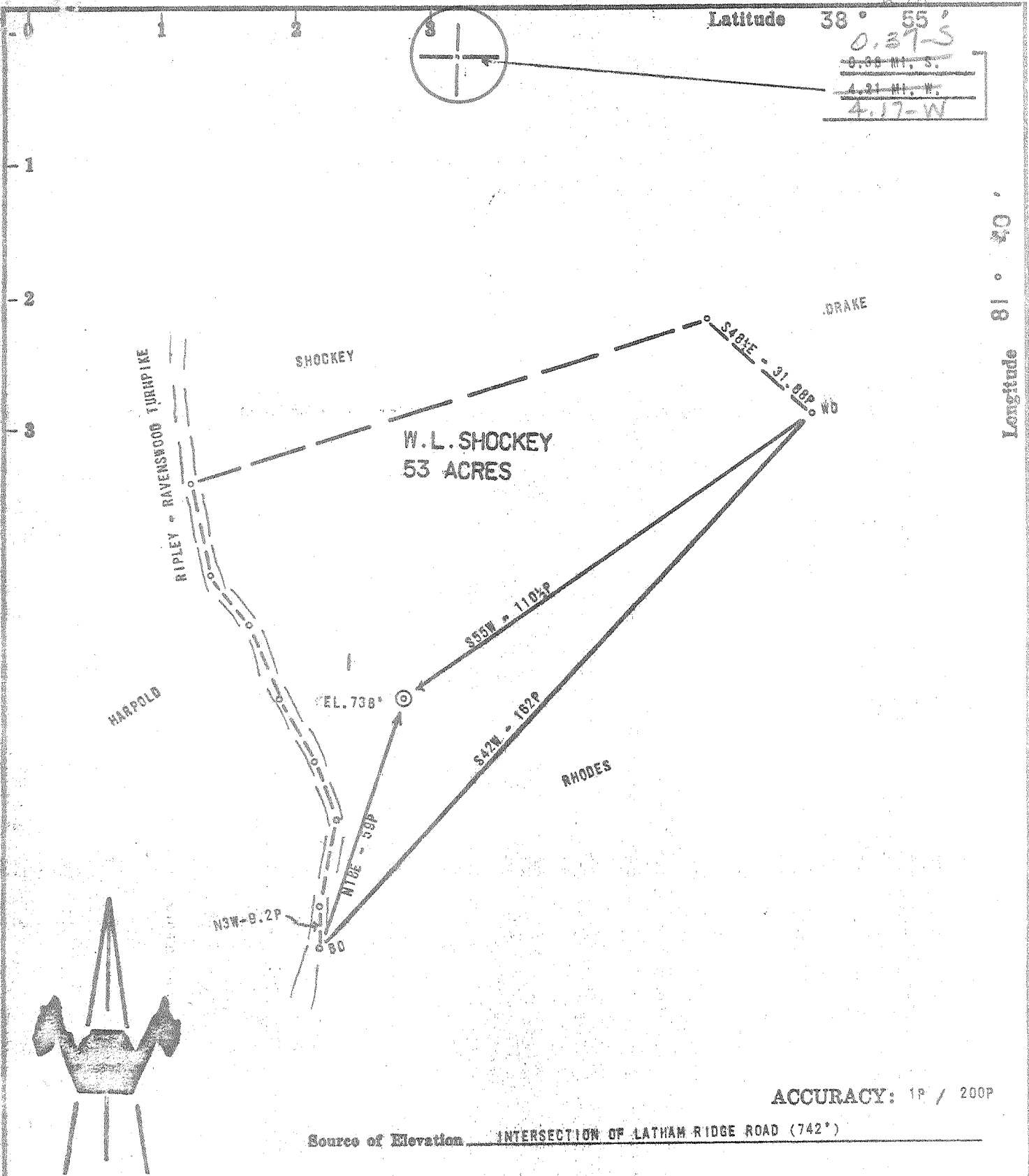
+ Denotes location of well on United States Topographic Maps, scale 1 to 62,500, latitude and longitude lines being represented by border lines as shown.

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

*47-035*

DEEP WELL

DEC 5 1974



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.

Drill Deeper

Fracture

Redrill

issued 4-16-71

Tricon Oil Corporation

*Chet Waterman*

Company	NATIONAL PETROLEUM CORP. ↑	
Address	COLUMBUS, OHIO 14th Floor Union Building Charleston, W.Va. 25301	
Farm	W.L. SHOCKEY	
Tract	Acres 53	Lease No.
Well (Farm) No.	1	Serial No.
Elevation (Spirit Level)	738'	
Quadrangle	RIPLEY WC	
County	JACKSON	District RAVENSWOOD
Engineer	CHET WATERMAN	
Engineer's Registration No.	3788	
File No.	71003-18	Drawing No.
Date	1/19/71	Scale 1" = 30P

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

WELL LOCATION MAP

FILE NO. *Jan-1263-171*

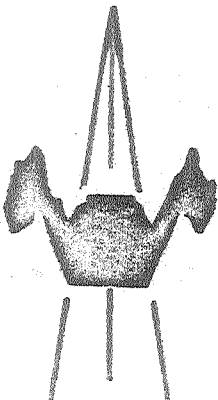
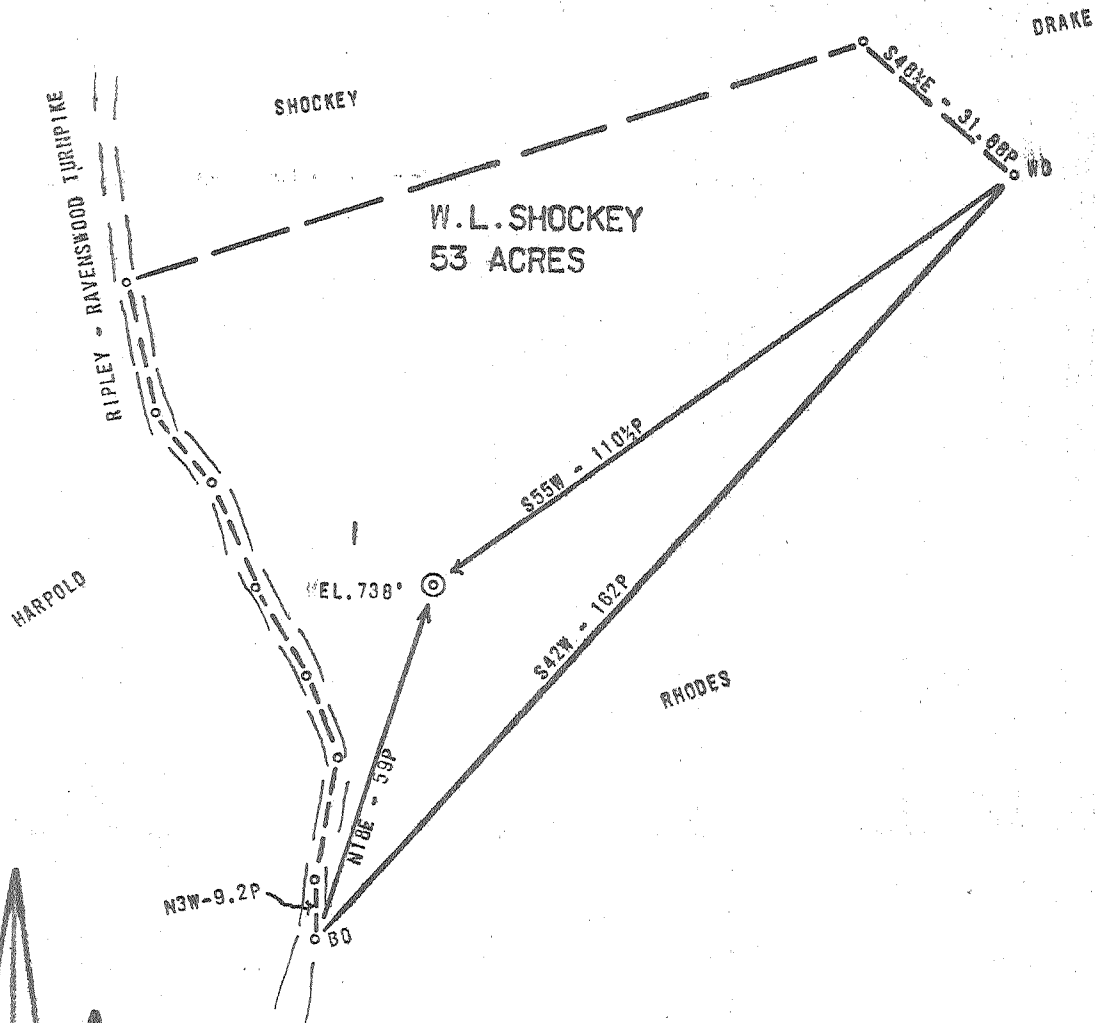
+ Denotes location of well on United States Topographic Maps, scale 1 to 62,500, latitude and longitude lines being represented by border lines as shown.

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

Latitude 38° 55'

0.38 MI. S.  
4.21 MI. W.

Longitude 81° 40'



ACCURACY: 1P / 200P

Source of Elevation INTERSECTION OF LATHAM RIDGE ROAD (742')

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.

- Drill Deeper
- Abandonment  issued 4-16-71
- Fracture
- Redrill

*Chet Waterman*

Company	NATIONAL PETROLEUM CORP.		
Address	COLUMBUS, OHIO		
Farm	W.L. SHOCKEY		
Tract	Acres	53	Lease No.
Well (Farm) No.	1	Serial No.	
Elevation (Spirit Level)	738'		
Quadrangle	RIPLEY WC		
County	JACKSON	District	RAVENSWOOD
Engineer	CHET WATERMAN		
Engineer's Registration No.	3788		
File No.	71003-18	Drawing No.	
Date	1/19/71	Scale	1" = 30P

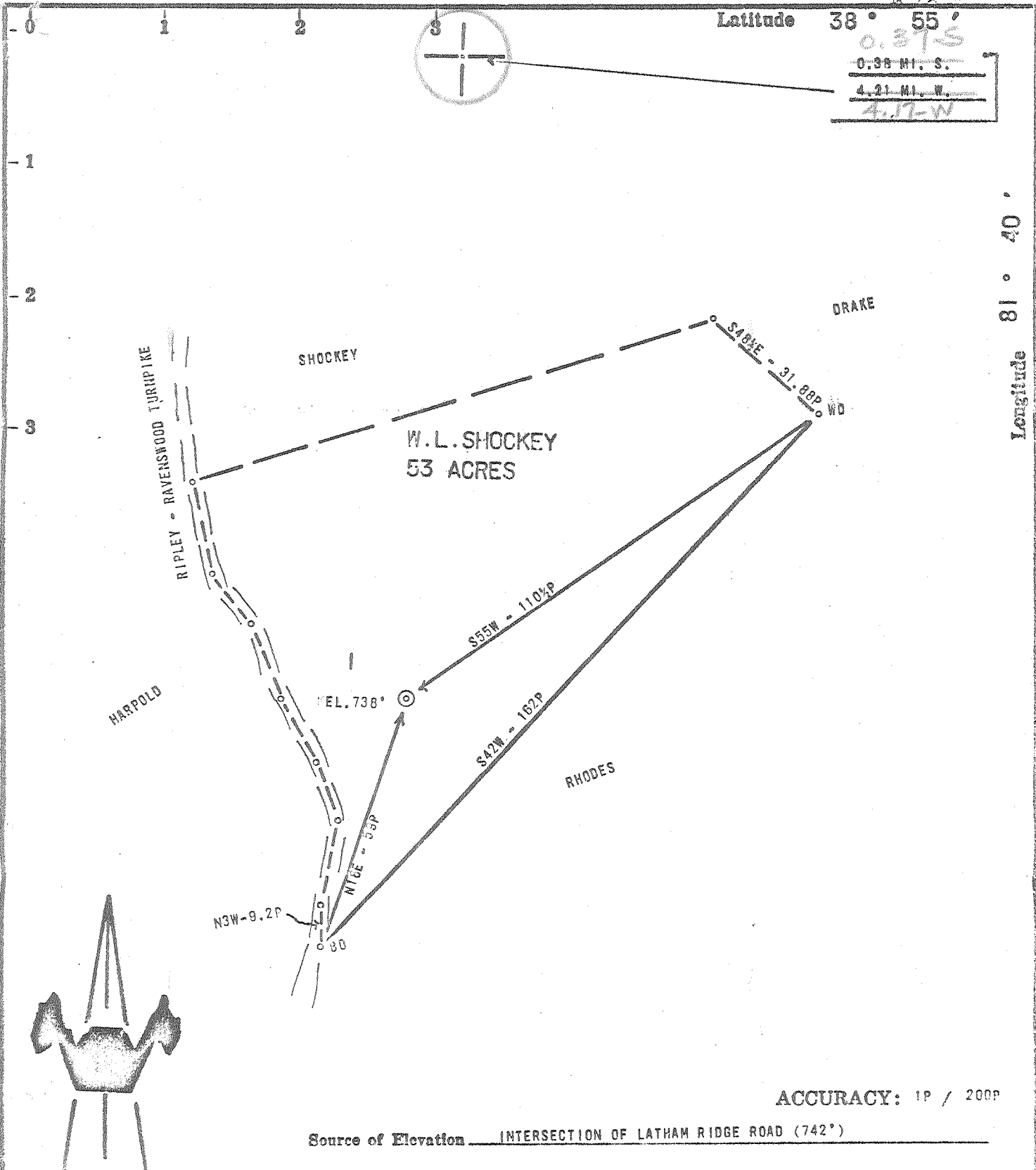
STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION  
CHARLESTON

WELL LOCATION MAP  
FILE NO. *Jan-1263-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.

2-12-71



- New Location
- Drill Deeper
- Abandonment
- Fracture
- Redrill

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.

*Chet Waterman*

Company	NATIONAL PETROLEUM CORP.	
Address	COLUMBUS, OHIO	
Farm	W.L. SHOCKEY	
Tract	Acres 53	Lease No.
Well (Farm) No.	1	Serial No.
Elevation (Spirit Level)	738'	
Quadrangle	RIPLEY WC	
County	JACKSON	District RAVENSWOOD
Engineer	CHET WATERMAN	
Engineer's Registration No.	3788	
File No.	71003-18	Drawing No.
Date	1/19/71	Scale 1" = 30P

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

**WELL LOCATION MAP**  
FILE NO. *Jan-12-63*

+ 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.

6-0 Groundhog Creek 337

Deep Well (Nashua)

FEB 22 1971



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

Rotary   
Spudder   
Cable Tools   
Storage

Quadrangle Rapley  
Permit No. JAC 1263

WELL RECORD

Oil or Gas Well Dry  
(KIND)

Company National Petroleum Corp.  
Address 6161 Busch Blvd., Columbus, Ohio  
Farm W.L. Shockey et al Acres \_\_\_\_\_  
Location (waters) \_\_\_\_\_  
Well No. 1 Elev. 738  
District Ravenswood County Jackson  
The surface of tract is owned in fee by W.L. Shockey et al  
Address Ravenswood, W.Va.  
Mineral rights are owned by same  
Address \_\_\_\_\_  
Drilling commenced 3-18-71  
Drilling completed 4-15-71  
Date Shot From \_\_\_\_\_ To \_\_\_\_\_

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13 <u>3/8</u>	136'	136'	
10			Size of
8 <u>5/8</u>	1897'	1897'	
6 <u>7"</u>	2293'	998'	Depth set
5 <u>3/16</u>			
4 <u>1/2</u>	5244'	1064'	
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

With \_\_\_\_\_  
Open Flow /10ths Water in \_\_\_\_\_ Inch  
/10ths Merc. in \_\_\_\_\_ Inch  
Volume 0 Cu. Ft.  
Rock Pressure \_\_\_\_\_ lbs. \_\_\_\_\_ hrs.  
Oil \_\_\_\_\_ bbls., 1st 24 hrs.  
WELL ACIDIZED (DETAILS) \_\_\_\_\_  
WELL FRACTURED (DETAILS) \_\_\_\_\_

Attach copy of cementing record.  
CASING CEMENTED \_\_\_\_\_ SIZE \_\_\_\_\_ No. Ft. \_\_\_\_\_ Date \_\_\_\_\_  
Amount of cement used (bags) (see below) \_\_\_\_\_  
Name of Service Co. \_\_\_\_\_  
COAL WAS ENCOUNTERED AT \_\_\_\_\_ FEET \_\_\_\_\_ INCHES  
FEET \_\_\_\_\_ INCHES FEET \_\_\_\_\_ INCHES  
FEET \_\_\_\_\_ INCHES FEET \_\_\_\_\_ INCHES

RESULT AFTER TREATMENT (Initial open Flow or bbls.) \_\_\_\_\_  
ROCK PRESSURE AFTER TREATMENT \_\_\_\_\_ HOURS \_\_\_\_\_  
Fresh Water 30 None Feet \_\_\_\_\_ Salt Water 1397' Feet 1842'  
Producing Sand \_\_\_\_\_ Depth \_\_\_\_\_

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
			Measurements from KB 754'				
Big Lime			1645	1818			
Big Injun			1818	1850	Water		
Sqaw			1900	1924	Water		
Berea			2254	2260	Show Gas		
Corniferous			4483	4592			
Oriskany			4592	4594			
Newburg			5270	5276	Dry		
T.D. McKenzie				5300			
(545)							
Cementing by Halliburton							
			13-3/8" with 100 sacks	3/19/71			
			8-5/8" with 400 sacks	3/24/71			
			7" with 50 sacks	4/5/71			
			4-1/2" with 70 sacks	4/12/71			



RECEIVED

FEB 16 1972

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

- Rotary
- Spudder
- Cable Tools
- Storage

Quadrangle Ripley  
Permit No. JAC 1263 Redrill (W)

WELL RECORD

Oil or Gas Well Gas  
(KIND)

Company Tricon Oil Corporation  
Address Union Building, Charl., W. Va.  
Farm W. L. Shockey et al Acres.....  
Location (waters).....  
Well No. 1 Elev. 738  
District Ravenswood County Jackson  
The surface of tract is owned in fee by W. L. Shockey et al  
Address Ravenswood, W. Va.  
Mineral rights are owned by Same  
Address.....

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			
16			Kind of Packer <u>Baker</u>
13 3/8	136'	136'	Tension
10			Size of <u>2 7/8 x 7"</u>
8 1/2 5/8	1897'	1897'	Depth set <u>2235'</u>
7"	998'	998'	
5 3/16			
4 1/2			
3			Perf. top <u>2251'</u>
2 7/8"	2235'	2235'	Perf. bottom <u>2247'</u>
Liners Used			Perf. top..... Perf. bottom.....

Drilling commenced redrill 10-12-71  
Drilling completed 11-15-71  
Date Shot From..... To.....  
With.....  
Open Flow /10ths Water in..... Inch  
/10ths Merc. in..... Inch  
Volume show Cu. Ft.  
Rock Pressure..... lbs..... hrs.  
Oil..... bbls., 1st 24 hrs.

Attach copy of cementing record.  
CASING CEMENTED..... SIZE..... No. Ft..... Date  
Amount of cement used (bags).....  
Name of Service Co.....  
COAL WAS ENCOUNTERED AT..... FEET..... INCHES  
..... FEET..... INCHES..... FEET..... INCHES  
..... FEET..... INCHES..... FEET..... INCHES

WELL ACIDIZED (DETAILS).....  
WELL FRACTURED (DETAILS) Halliburton fractured 12/13/71 with 410 bbl water 25,000 # of 20-40 sand.

RESULT AFTER TREATMENT (Initial open Flow or bbls.) 310 MCF 310,000  
ROCK PRESSURE AFTER TREATMENT 650 HOURS 48  
Fresh Water..... Feet..... Salt Water..... Feet.....  
Producing Sand Berea Depth.....

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
							Drill out cement plugs and wash out Aquagel down to 2280', set wire line bridge plug at 2270' (Basin Surveys). Dump 10' calseal. Perforate 7" from 2251 to 2247 with 10 shots.
							Run 2 7/8" to 2235 with Baker 2 7/8 x 7" tension packer.
							Fracture well 12/13/71.

(over)

FEB 28 1972