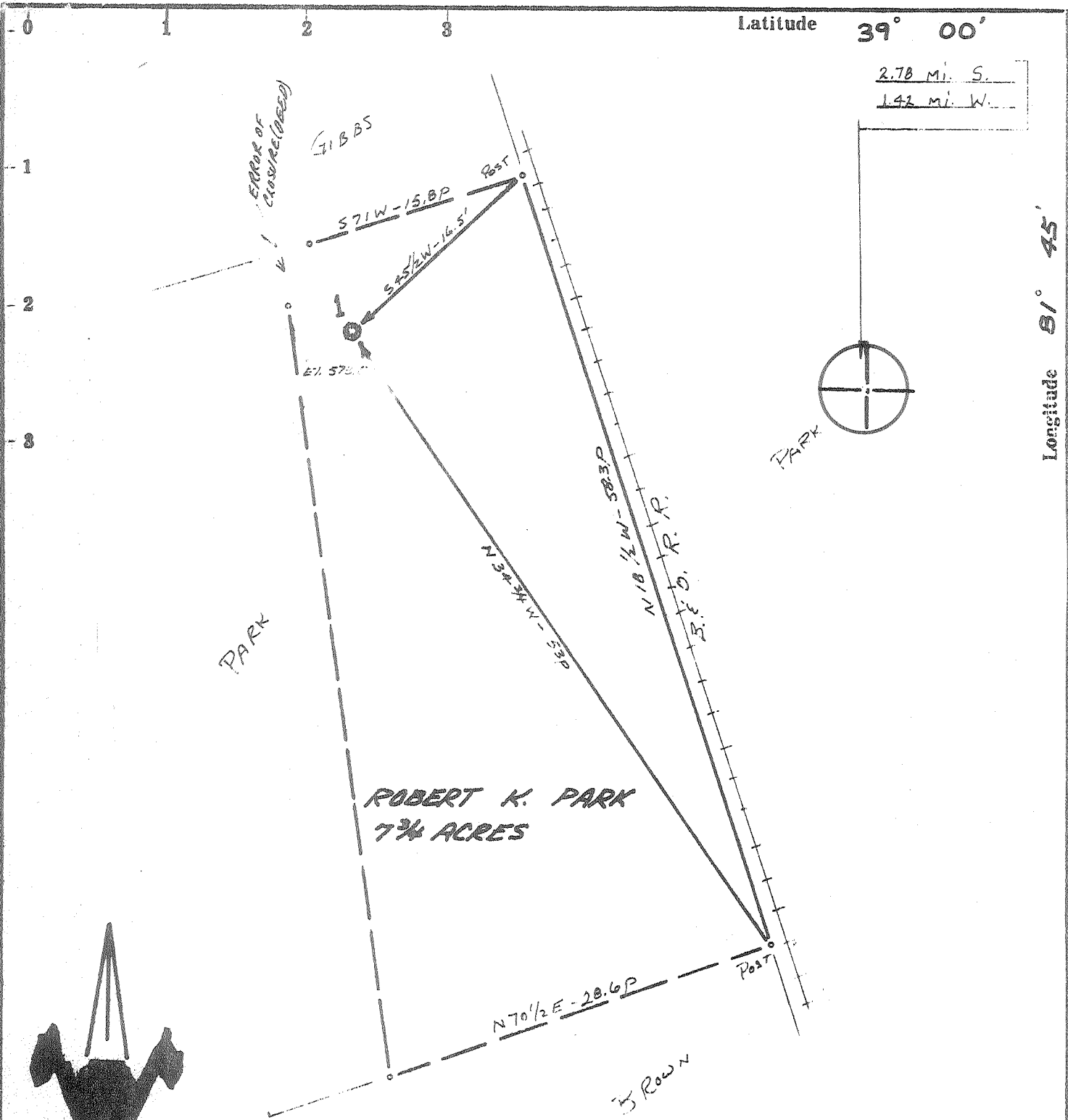


Latitude 39° 00'

2.78 Mi. S.
1.42 Mi. W.

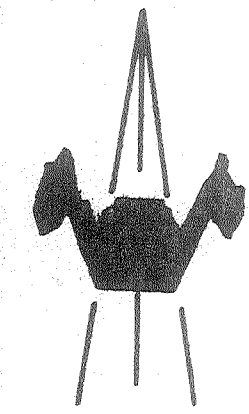
Longitude 81° 45'



ROBERT K. PARK
7 3/4 ACRES

ACCURACY: 1p/200p

Source of Elevation U.S.B.M. ON D. & O. R.R. (596')



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 issued 6/14/74
- Fracture
- Redrill

Chet Waterman

Company ~~NEAL RUDDER OIL & GAS CO.~~ (NEAL RUDDER) **Ranger Oil & Gas Corp.**

Address BOX 126, BELPRE, OHIO

Farm ROBERT K. PARK

Tract _____ Acres 7 3/4 Lease No. _____

Well (Farm) No. 2 Serial No. _____

Elevation (Spirit Level) 590'

Quadrangle RAVENSWOOD NE 4

County JACKSON District RAVENSWOOD

Engineer CHET WATERMAN

Engineer's Registration No. 3788

File No. 69003-36 Drawing No. _____

Date 2/17/69 Scale 1" = 100'

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

WELL LOCATION MAP
FILE NO. JAC-1169-P

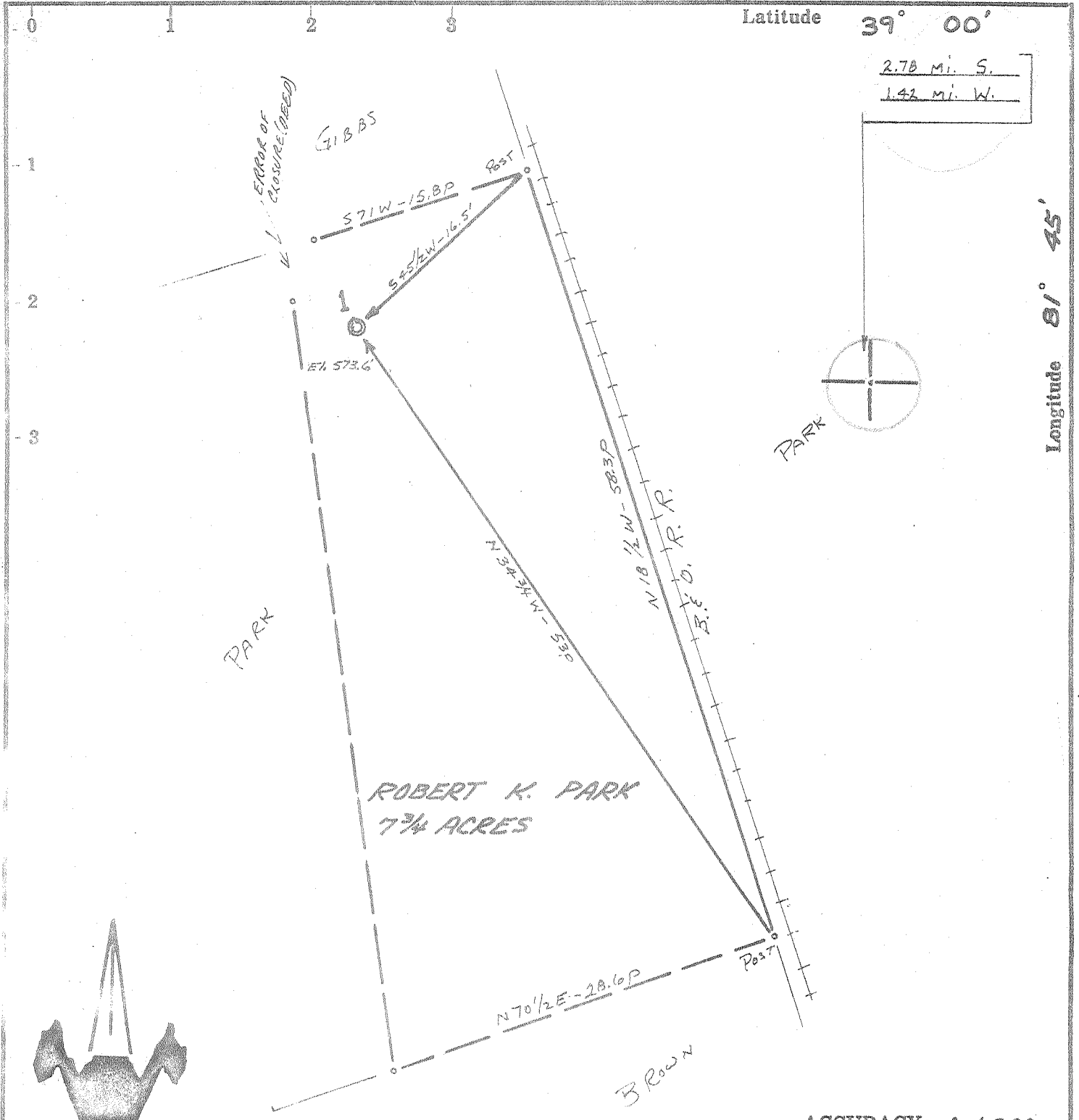
+ Denotes location of well on United States Topographic Maps, scale 1 to 62,500, latitude and longitude lines being represented by border lines as shown.

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

47-037

Deep Well

Waterman



ROBERT K. PARK
7 3/4 ACRES

ACCURACY: 1p/200p

Source of Elevation U.S.B.M. ON B. & O. R.R. (596')

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.

Chief Waterman

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

Company RUDDER OIL & GAS CO. NEAL RUDDER
 Address BOX 126, BELPRE, OHIO
 Farm ROBERT K. PARK
 Tract _____ Acres 7 3/4 Lease No. _____
 Well (Farm) No. 1 Serial No. _____
 Elevation (Spirit Level) 590'
 Quadrangle RAVENSWOOD NE
 County JACKSON District RAVENSWOOD
 Engineer CHIEF WATERMAN
 Engineer's Registration No. 3788
 File No. 69003-36 Drawing No. _____
 Date 3/17/69 Scale 1" = 10p

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

WELL LOCATION MAP
FILE NO. JAG-1169

+ 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 Groundhog Creek 337

Deep Well (Newburg) MAR 10 1969



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

Rotary
Spudder
Cable Tools
Storage

Quadrangle Ravenswood
Parcel No. JAC 1169

WELL RECORD

Oil or Gas Well Gas
(KIND)

Company Neal Rudder dba Rudder Oil & Gas
Address P.O. Box 126, Belpre, Ohio
Farm Robert K. Park (50ac.) Acres 250 unit
Location (waters) Turkey Run
Well No. 1 Elev. 557 Grn.
District Ravenswood County Jackson
The surface of tract is owned in fee by Robert K. Park
Address Ravenswood, W. Va.
Mineral rights are owned by Robert K. Park
Address Ravenswood, W. Va.
Drilling commenced March 5, 1969
Drilling completed March 12, 1969
Date Shot From To
With

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
$\times 20$	70	70	
$13 \frac{3}{8}$	149	149	Size of
$\times 9 \frac{5}{8}$	1650	1650	
$8 \frac{1}{4}$			Depth set
$\times 7''$	4800	4800	
$5 \frac{3}{16}$			Perf. top
$4 \frac{1}{2}$			Perf. bottom
3			Perf. top
$2 \frac{3}{8}$		4870	Perf. bottom
Liners Used			

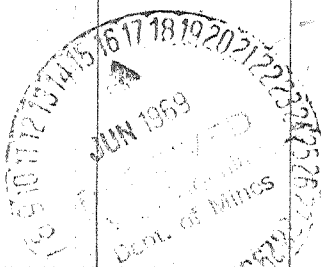
Open Flow /10ths Water in Inch
100/10ths Merc. in 4 Inch
Volume 6,191,000 Cu. Ft.
Rock Pressure 2050 lbs. 10 hrs.
Oil None bbls., 1st 24 hrs.
WELL ACIDIZED (DETAILS) No

Attach copy of cementing record. 13 3/8" - 9 5/8" - 7"
CASING CEMENTED SIZE No. Ft. Date
Amount of cement used (bags) 150 sks. 100 sks. 75 sks
Name of Service Co. Lawson Oil & Gas Well Cmtg. Co.
COAL WAS ENCOUNTERED AT FEET INCHES
FEET INCHES FEET INCHES
FEET INCHES FEET INCHES

WELL FRACTURED (DETAILS) 3/15/69; 28000# 20/40; 500 gal. Reg. Acid; 735 bbls. total; 635 bbls. Breakdown 2200# Max. 5500#; Avg treat 5000#; 20.4 BPM. Through 3 1/2" drillpipe
RESULT AFTER TREATMENT (Initial open Flow or bbls.) Est. 15,000,000 cfgd. 15,000 McF
ROCK PRESSURE AFTER TREATMENT dead wgt. 2072 HOURS
Fresh Water Feet Salt Water 1620 Feet
Producing Sand Newburg Depth 4880-90

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Sand			0	70			
Red Rock			70				
Sand							
Slate							
Shale				1615			
Big Injun			1615	1635	Water	4880	4880
Shale			1635	2690			
Slate & Shells			2690	4090		4206	590
Brn. Shale			4090	4115		674	4290
Cornif Lime-463			4115	4206			
Oriskany			4206	4258 4258			
Lime <u>Hellerberg & Salina</u>			4258	4880			
Newburg			4880	4887	GAS	4880-87	
TD <u>McKENZIE</u>			4887	4920			
			4880	545			
			590				
			4290				

Date 6/10, 1969
APPROVED Rudder Oil & Gas, Owner
By Neal Rudder
(Title)



Note This is the first well completed in Ravenswood Dist, Jackson County which extended the Newburg DPD in Groundhog Cr. Field (over) Meigs County Ohio into W.Va. (Jan 1969)