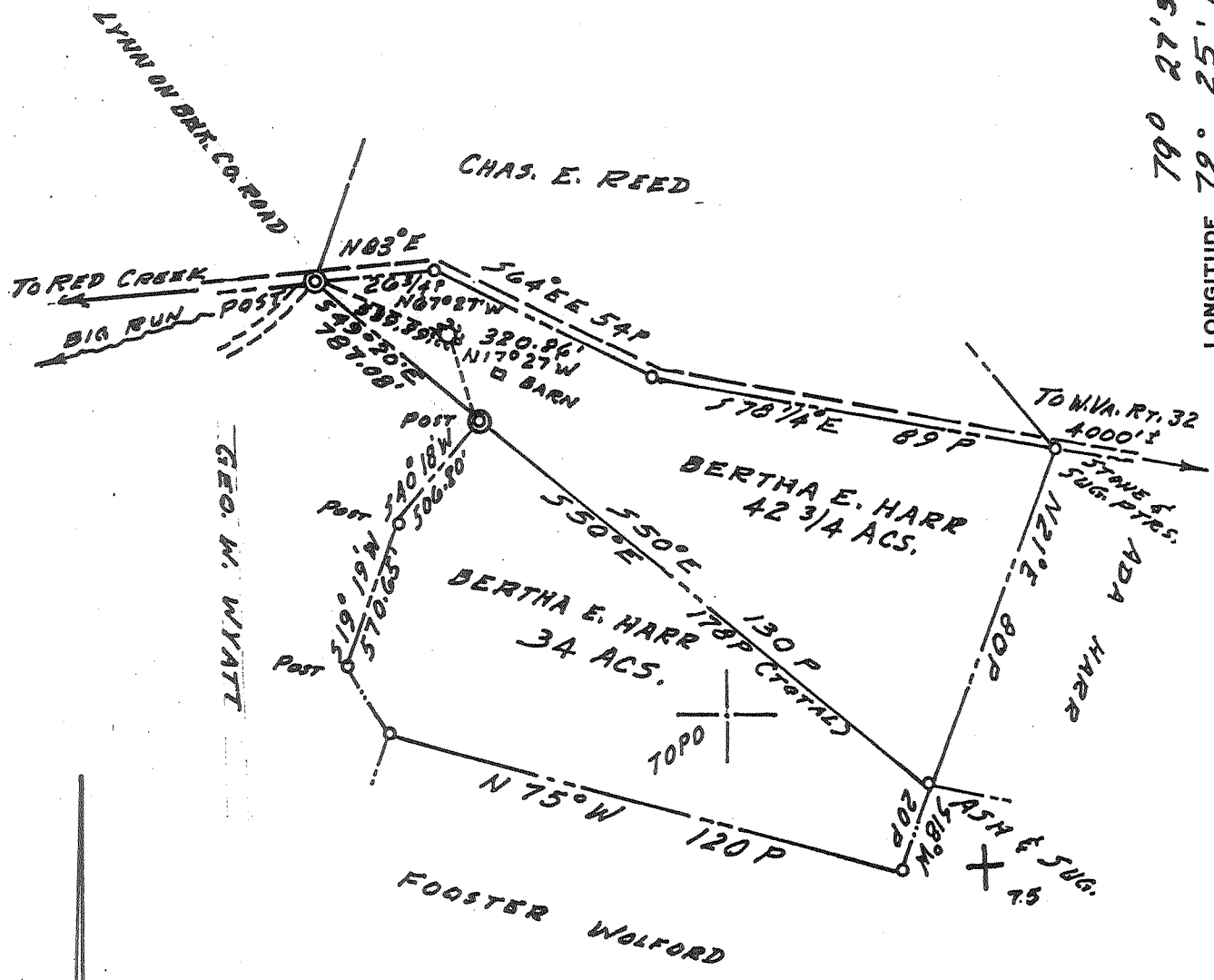


LATITUDE 39° 05' N  
 39° 02' 30" 75  
 + 2750 →

LONGITUDE 79° 27' 30" - 12100 →  
 79° 25' W

0001



Minimum Error of Closure 1/2000  
 Source of Elevation JCT. ROADS 550' WEST OF LOCATION  
 EL. = 3272

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.

Signed: Paul B. Dean

- Fracture
- New Location
- Drill Deeper
- Abandonment

Map No.                      Squares:    N       S       E       W

196 Company United REsources  
 P.o. Box 5127, Evansville, In 47715

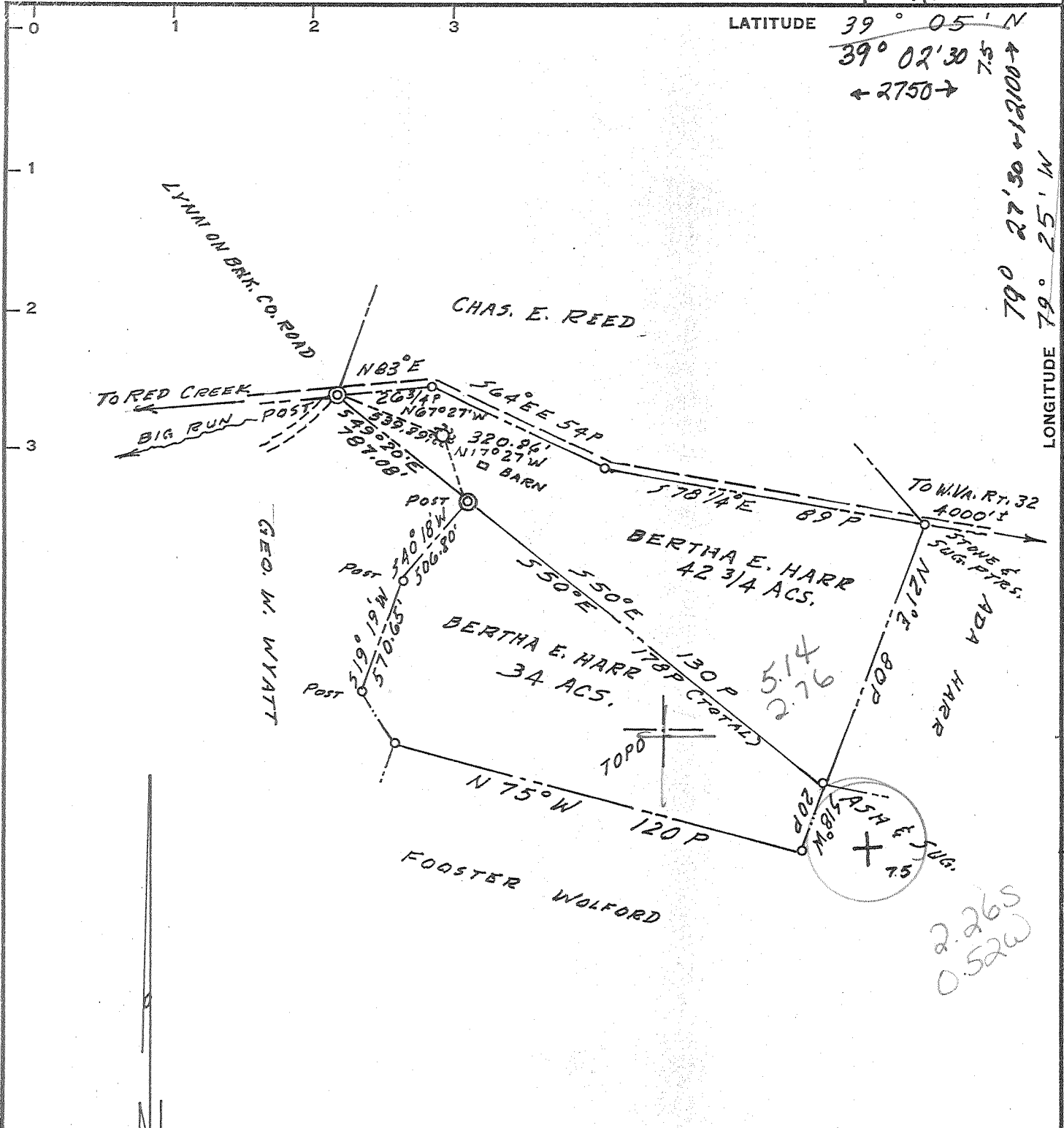
STATE OF WEST VIRGINIA  
 DEPARTMENT OF MINES  
 OIL AND GAS DIVISION  
 CHARLESTON

Address \_\_\_\_\_  
 Farm BERTHA E. HARR  
 Tract 42 3/4 OF 77 Acres 77 Lease No. \_\_\_\_\_  
 Well (Farm) No. ONE Serial No. \_\_\_\_\_  
 Elevation (Spirit Level) 3310  
 Quadrangle DAVIS/Blackwater Falls 7.5  
 County TUCKER District DRY FORK  
 Engineer PAUL G. DEAN  
 Engineer's Registration No. 1856  
 File No. 136-B-78 Drawing No. 69-55  
 Date JUNE 26, 1969 Scale 1" = 40 P = 660'

WELL LOCATION MAP  
 FILE NO. TUCK-35-F

Fracture Cancelled  
 + 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.

TUCKER 35-F



Minimum Error of Closure 1/2000

Source of Elevation JCT. ROADS 550' WEST OF LOCATION

EL. = 3272

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.

Signed: Paul G. Dean

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

Map No.                      Squares:    N            S            E            W

Company 196. United Resources  
P.o. Box 5127, Evansville, In 47715

Address \_\_\_\_\_

Farm BERTHA E. HARR

Tract 42 3/4 OF 77 Acres    Lease No. \_\_\_\_\_

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

Elevation (Spirit Level) 3310

Quadrangle 034 DAVIS/Blackwater Falls 7.5 2577

County TUCKER    District DRY FORK

Engineer PAUL G. DEAN

Engineer's Registration No. 1856

File No. 136-8-78    Drawing No. 69-55

Date JUNE 26, 1969    Scale 1" = 40P = 660'

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

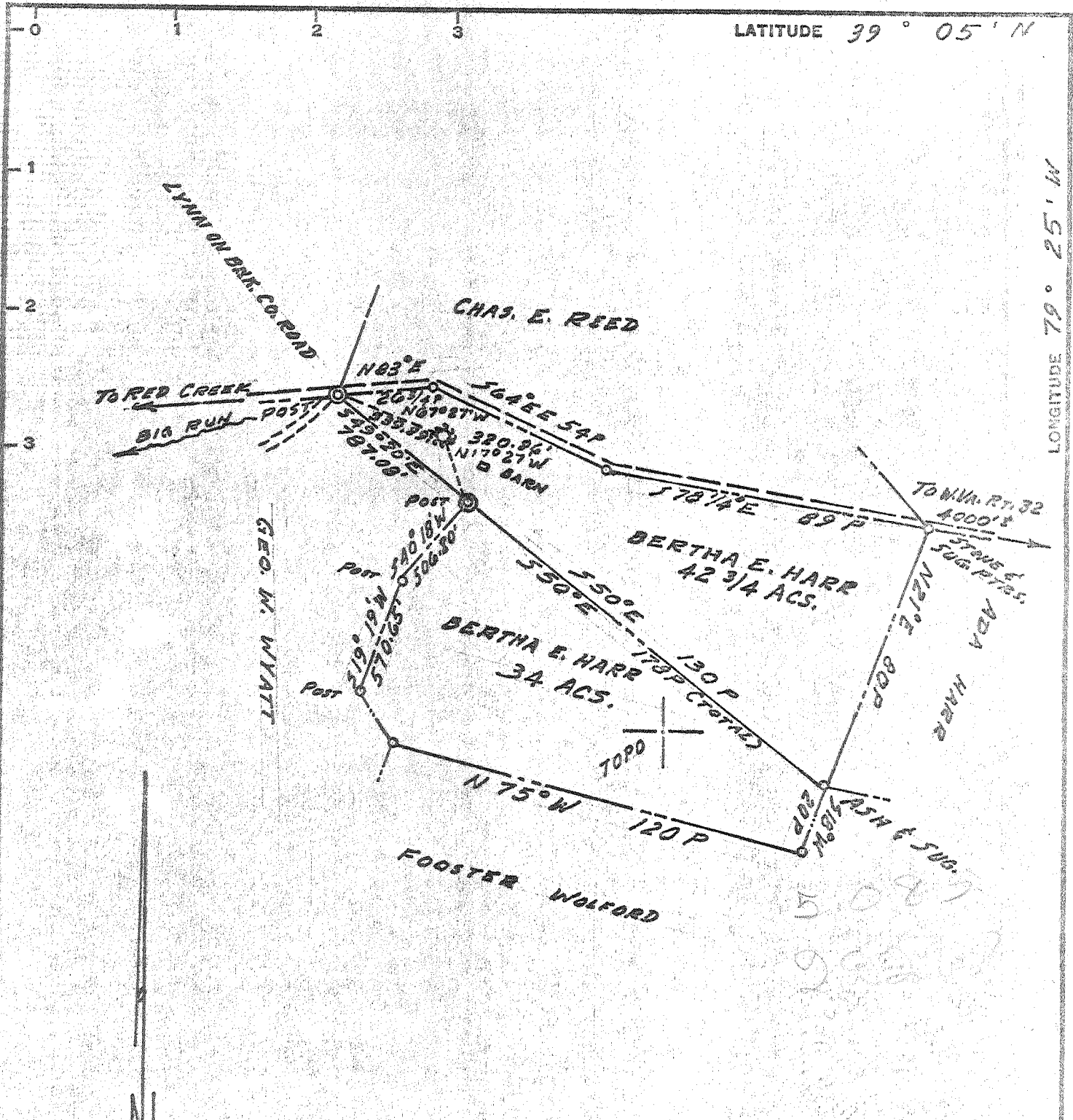
WELL LOCATION MAP  
 FILE NO. TUCK-35-F

† 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.

OCT 19 1987

6/30/69



Minimum Error of Closure 1/2000

Source of Elevation JCT. ROADS 550' WEST OF LOCATION

EL. = 3272

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 G of the rules and regulations of the oil and gas section of the mining laws of West Virginia.

Signed: Paul B. Dean

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

Map No.                      Squares:    N    S    E    W

Company 1968 UNITED PRODUCERS FUNDS, INC.  
 Address P.O. BOX 3315, EVANSVILLE, INDIANA  
 Farm BERTHA E. HARR  
 Tract 42 3/4 OF 77 Acres    Lease No. \_\_\_\_\_  
 Well (Farm) No. ONE    Serial No. \_\_\_\_\_  
 Elevation (Spirit Level) 3310  
 Quadrangle DAVIS    SW  
 County TUCKER    District DRY FORK  
 Engineer PAUL G. DEAN  
 Engineer's Registration No. 1856  
 File No. 136-8-78    Drawing No. 69-55  
 Date JUNE 26, 1969    Scale 1" = 40P = 660'

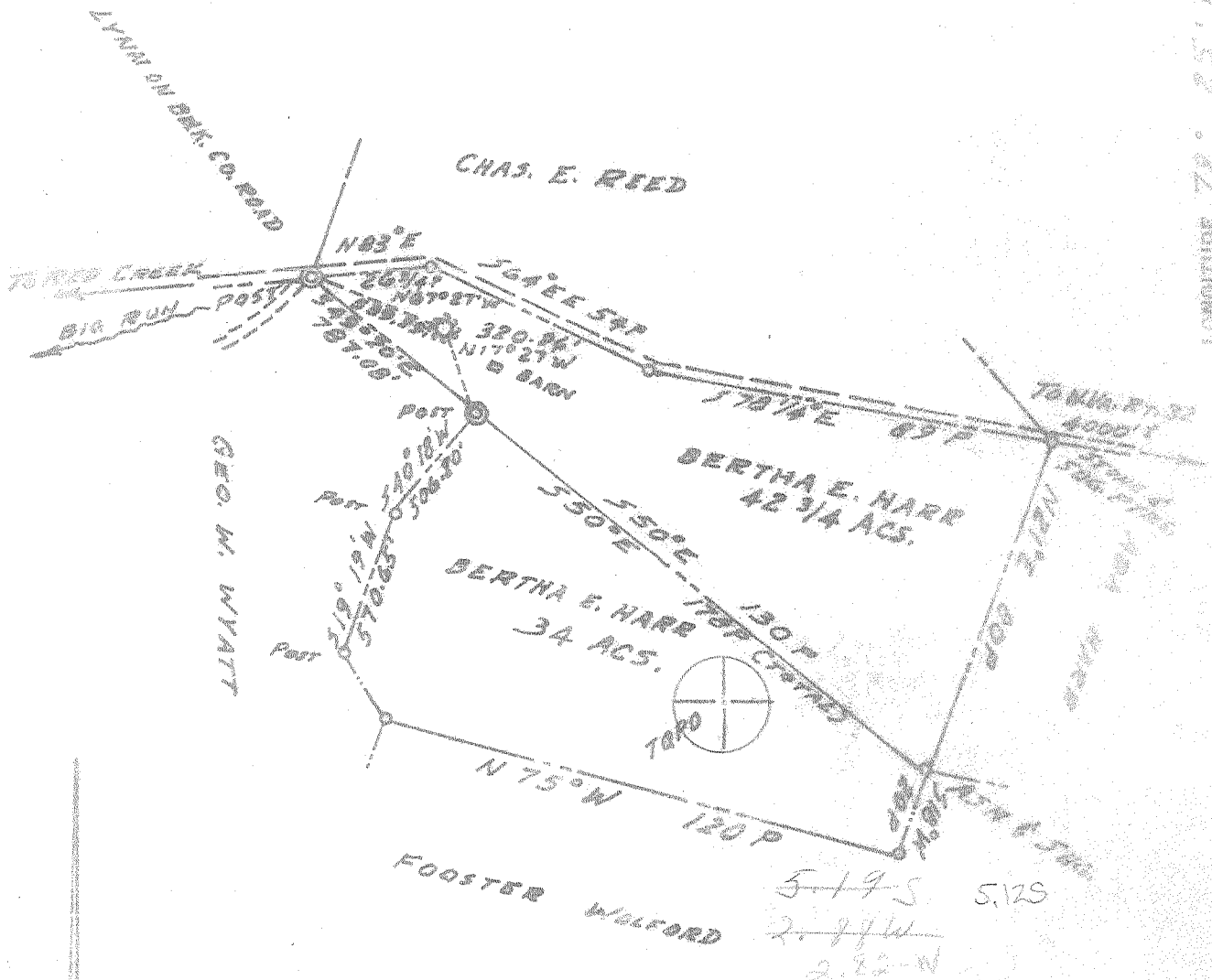
STATE OF WEST VIRGINIA  
 DEPARTMENT OF MINES  
 OIL AND GAS DIVISION  
 CHARLESTON

WELL LOCATION MAP  
 FILE NO. TUCK-35

- + 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 39° 05' N

LONGITUDE 79° 25' W



Minimum Error of Closure 1/2000

Source of Elevation LET. ROADS 550' WEST OF LOCATION

EL. = 3272

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 2 of the act and regulations of the oil and gas section of the mining laws of West Virginia.

- Fracture
- New Location
- Drill Deeper
- Abandonment

Signed: Paul S. Dean

Map No.

Squares: N S E W

1968 UNITED PRODUCERS FUNDS, INC.  
 Company  
 Address P.O. BOX 3315, EVANSVILLE, INDIANA  
 Farm BERTHA E. HARR  
 Tract 42 3/4 Acres 77 Lease No.  
 Well (Farm) No. ONE Serial No.  
 Elevation (Spirit Level) 3310  
 Quadrangle DAVIS SW  
 County TUCKER District DRY FORK  
 Engineer PAUL S. DEAN  
 Engineer's Registration No. 1876  
 File No. 111-8-78 Drawing No. 20-25  
 Date of Issue 2/11/68 Scale 1" = 400'

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

WELL LOCATION MAP  
FILE NO. TUCKER-35

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

— Denotes one inch square as border size of original tracing.

UNNAMED ONE DEEP WELL (OR 364W)



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS WELLS DIVISION 7

Rotary   
Spudder   
Cable Tools   
Storage

Quadrangle Davis

Permit No. TUC-35

WELL RECORD

Oil or Gas Well Gas  
(KIND)

Company 1968 United Producers Funds, Inc.  
Address 220 N. W. 4th St., Evansville, Ind.  
Farm Bertha Harr Acres 77  
Location (waters) \_\_\_\_\_  
Well No. 1 Elev. 3310 gr.  
District Dry Fork County Tucker  
The surface of tract is owned in fee by Bertha E. Harr  
Address Davis, West Va.  
Mineral rights are owned by Bertha E. Harr  
Address Davis, West Va.

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			
16			Kind of Packer <u>None</u>
13 3/8"	96	96	125 sx.
9-5/8"	2,000	2,000	400 sx.
8 1/4"			
6 3/4"			Depth set
5 1/2"	8,238	8,238	250 sx.
4 1/2"			
3"			
2"			
Liners Used			

Drilling commenced 9/18/69  
Drilling completed 10/20/69  
well completed 4/13/70  
Date Shot \_\_\_\_\_ From \_\_\_\_\_ To \_\_\_\_\_

With \_\_\_\_\_  
Open Flow /10ths Water in \_\_\_\_\_ Inch  
/10ths Merc. in \_\_\_\_\_ Inch  
Volume \_\_\_\_\_ 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. Halliburton  
COAL WAS ENCOUNTERED AT None FEET \_\_\_\_\_ INCHES \_\_\_\_\_  
FEET \_\_\_\_\_ INCHES \_\_\_\_\_ FEET \_\_\_\_\_ INCHES  
FEET \_\_\_\_\_ INCHES \_\_\_\_\_ FEET \_\_\_\_\_ INCHES

WELL ACIDIZED (DETAILS)  
Acid (open hole) 8238-8552 15,000 gals.

WELL FRACTURED (DETAILS) \_\_\_\_\_

RESULT AFTER TREATMENT (Initial open Flow or bbls.) Pitot tube test 2,478,000 CFG 2,478 MCFGPD

ROCK PRESSURE AFTER TREATMENT 2900# HOURS \_\_\_\_\_

Fresh Water \_\_\_\_\_ Feet \_\_\_\_\_ Salt Water \_\_\_\_\_ Feet \_\_\_\_\_  
Producing Sand Oriskany Sand Depth \_\_\_\_\_

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Lime			0	215	Reported small show water at 200'		
Shale			215	300			
Shale & Lime			300	360			
Lime			360	458			
Shale			458	476			
Shale & Lime			476	574			
Shale			574	642			
Red Rock & Shale			642	795			
Shale			795	1125			
Sand & Shale			1125	1201			
Sand			1201	1761			
Sand & Shale			1761	1888			
Sandy Shale			1888	1952			
Shale & Sand			1952	2071			
Shale			2071	2562			
Sandy Lime			2562	2707			
Sand & Shale			2707	2950			
Lime & Sand			2950	3128			
Lime & Shale			3128	3202			
Sand	White		3202	3328			
Sand			3328	3500			

SEP 18 1970

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Sandy Lime			3500	3627			
Lime Shells & Shale			3627	3827			
Shale			3827	3860			
Shale & Lime			3860	4025			
Shale			4025	4200			
Shale & Sand Streaks			4200	4325			
Shale Sandy			4325	4495			
Shale			4495	4677			
Sand			4677	4740			
Sand & Shale			4740	4810			
Sandy Shale			4810	4930			
Sand			4930	5246			
Shale			5246	5310			
Shale & Lime			5310	5568			
Shale & Siltstone			5568	5740			
Shale			5740	6056			
Lime & Shale			6056	6179			
Shale			6179	6250			
Shale & Siltstone			6250	6317			
Shale			6317	7604			
Lime - <i>July</i>			7604	7674			
Shale			7674	8145			
Chert - <i>H.V.L.</i>			8145	8183			
Shale - <i>N.D.M.P.</i>			8183	8205			
Chert - <i>Orange</i>			8205	8218			
Sand <i>Oriskany</i>			8218	8450	Show Gas		
Lime <i>Helderberg</i>			8450	8552 TD			
<p>5 1/2" Casing set 8238', cemented with 250 sacks.  Open hole completion 8238'-8552' TD.  Acidized - Used 15,000 gallons acid and overflush with 23,000 gallons water.  Well began flowing back frac treatment -  purged well with Nitrogen - 2 stages.  Cleaning out well - November, 1969 -  Shut well in during Winter months (Nov., 1969 - April, 1970)  Moved in Well Service Rig 4/29/70.  Cleaning out and blowing well  Ran Basin Temperature Log</p> <p>Well completed May 13, 1970  Pitot Tube Test 2,478,000 CFC  SICP 2900#  Well Shut-In - Waiting on Pipeline Connection.</p>							
					8145	8218	8450
					3310	3310	3310
					4835	4908	5140

Date September 13, 1970

APPROVED [Signature], Owner

By [Signature]  
(Title)



1) Date: September 24, 19 87  
 2) Operator's Well No. Harr #1  
 3) API Well No. 47 State Tuc County 35 -F Permit

FORM WV-2(B) FILE COPY  
 (Obvies 7/85)  
**RECEIVED**  
 OCT 02 1987

STATE OF WEST VIRGINIA  
 DIVISION OF OIL & GAS DEPARTMENT OF ENERGY, OIL AND GAS DIVISION  
 DEPARTMENT OF ENERGY  
**APPLICATION FOR A WELL WORK PERMIT**

- 4) WELL TYPE: A Oil  / Gas  /  
 B (If "Gas", Production  / Underground storage  / Deep  Shallow   
 5) LOCATION: Elevation: 3310 Watershed: Blackwater District Blackwater Falls 257  
 District: Dry Fork 4 County: Tucker 093 Quadrangle: Davis 15 318  
 6) WELL OPERATOR United Resources CODE: 50955 7) DESIGNATED AGENT John Kizer  
 Address P.O. Box 5127 Address 1200 Charleston National Plaza  
Evansville, In 47715 Charleston, WV 25301  
 8) OIL & GAS INSPECTOR TO BE NOTIFIED 9) DRILLING CONTRACTOR:  
 Name Phillip Tracy Name N/A  
 Address P.O. Box 2536 Address \_\_\_\_\_  
Elkins, WV 26241  
 10) PROPOSED WELL WORK: Drill  / Drill deeper  / Redrill  / Stimulate  /  
 Plug off old formation  / Perforate new formation  /  
 Other physical change in well (specify) re-complete  
 11) GEOLOGICAL TARGET FORMATION, Oriskany Sand  
 12) Estimated depth of completed well, 8552 feet  
 13) Approximate trata depths: Fresh, 200 feet; salt, None feet.  
 14) Approximate coal seam depths: None Is coal being mined in the area? Yes  / No

15) CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS					FOOTAGE INTERVALS		CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS
	Size	Grade	Weight per ft.	New	Used	For drilling	Left in well		
Conductor	13 3/8			96			96	125 SKS	Kinds
Fresh water									
Coal									Sizes
Intermediate	7 5/8			2000			2000	400 SKS	
Production	5 1/2			8238			8238	250 SKS	Depths set
Tubing	2 3/8			8423			8423		
Liners									Perforations:
									Top Bottom

OFFICE USE ONLY  
 DRILLING PERMIT

Permit number 47-093-0035-F Date October 14 1987

This permit covering the well operator and well location shown below is evidence of permission granted to drill in accordance with the pertinent legal requirements subject to the conditions contained herein and on the reverse hereof. Notification must be given to the District Oil and Gas Inspector. (Refer to No. 8) Prior to the construction of roads, locations and pits for any permitted work. In addition, the well operator or his contractor shall notify the proper district oil and gas inspector 24 hours before actual permitted work has commenced.)

The permitted work is as described in the Notice and Application, plat, and reclamation plan, subject to any modifications and conditions specified on the reverse hereof.  
 Permit expires October 14, 1989 unless well work is commenced prior to that date and prosecuted with due diligence.

Bond: <input checked="" type="checkbox"/>	Agent: <input checked="" type="checkbox"/>	Plat: <input checked="" type="checkbox"/>	Casing: <input checked="" type="checkbox"/>	Fee: <u>233</u> <u>6589</u>	WPCP: <input checked="" type="checkbox"/>	S&E: <input checked="" type="checkbox"/>	Other: <input type="checkbox"/>
---	--	---	---	--------------------------------	---	--	---------------------------------

NOTE: Keep one copy of this permit posted at the drilling location.

Director, Division of Oil and Gas