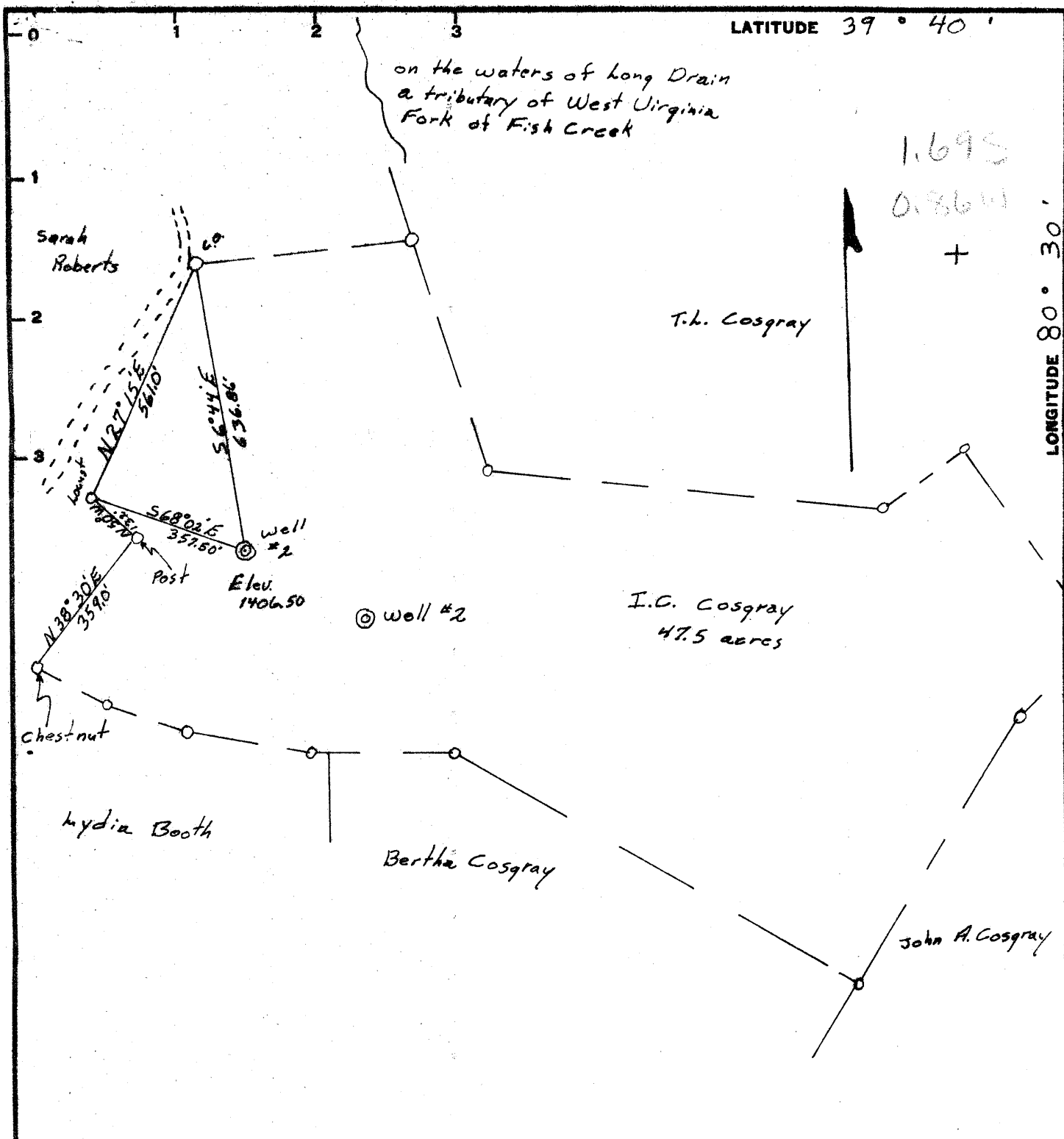


P



Minimum Error of Closure less than 1 in 2000

Source of Elevation Original elevation run from USGS B.M. to Well #1  
Elevation run from well #1 to Well #2

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: William P. Foley R.P.C.E.  
 Squares: N ✓ S ✓ E ✓ W ✓

Map No. \_\_\_\_\_

Company F. M. Chisler  
 Address RED #2 Fairview W.Va.  
 Farm I.C. Cosgray  
 Tract \_\_\_\_\_ Acres 47.5 Lease No. \_\_\_\_\_  
 Well (Farm) No. 2 Serial No. \_\_\_\_\_  
 Elevation (Spirit Level) 1406.50  
 Quadrangle Littleton - EC  
 County Wetzel District Church  
 Engineer William P. Foley  
 Engineer's Registration No. 4449  
 File No. \_\_\_\_\_ Drawing No. \_\_\_\_\_  
 Date Jan 19, 1967 Scale 1"=300'

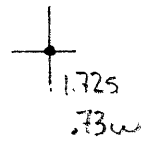
STATE OF WEST VIRGINIA  
 DEPARTMENT OF MINES  
 OIL AND GAS DIVISION  
 CHARLESTON

WELL LOCATION MAP  
 FILE NO. WET-575

+ 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

Longitude



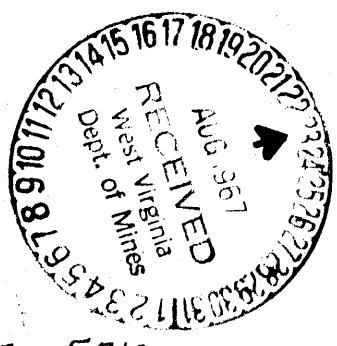
Topo Location

7.5' Loc. \_\_\_\_\_ 15' Loc. \_\_\_\_\_  
 \_\_\_\_\_ (calc.) \_\_\_\_\_

Company FM Chisler  
 Farm IC Cosgray #2  
 15' Quad \_\_\_\_\_  
 (sec.) \_\_\_\_\_  
 7.5' Quad Littleton  
 District Center

WELL LOCATION PLAT

County 103 Permit 575



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION 4  
**WELL RECORD**

- Rotary
- Spudder
- Cable Tools
- Storage

Quadrangle

Permit No. Wet-575

Oil or Gas Well Oil & Gas  
(KIND)

Company <u>F. M. Chisler</u>	Casing and Tubing	Used in Drilling	Left in Well	Packers
Address <u>R#2, Box 94, Fairview, WVA. 26570</u>	Size			
Farm <u>I. C. Cosgray</u> Acres <u>47.5</u>	16	16'	16	Kind of Packer
Location (waters) <u>FISH CREEK</u>	13			
Well No. <u>2</u> Elev. <u>1406.50</u>	10	351'	351	Size of
District <u>CHURCH</u> County <u>WETZEL</u>	8 1/4	1626'	1626'	Depth set
The surface of tract is owned in fee by <u>S. C. COSGRAY</u>	6 3/4	3263'	3263'	
Mineral rights are owned by <u>COSGRAY HEIRS.</u>	5 3/16	3392'	3392'	Perf. top
Address	4 1/2			Perf. bottom
Drilling commenced <u>3-14-67</u>	3	3386'	3386'	Perf. top
Drilling completed <u>8-12-67</u>	2			Perf. bottom
Date Shot From To	Liners Used			

Attach copy of cementing record.

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) FREET INCHES FREET INCHES

WELL FRACTURED (DETAILS) Small Fractures

RESULT AFTER TREATMENT (Initial open Flow or bbls.) 5076 bbl of Gas unknown

ROCK PRESSURE AFTER TREATMENT 350 HOURS 4 Hrs

Fresh Water Feet Salt Water Feet

Producing Sand 4th Sand Depth 3306+

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
TOP SOIL			0	15			
SAND			15	30			
RED ROCK			30	40			
SLATE			40	85			
LIME			85	100			
SAND			100	130			
SLATE			130	148			
LIME			148	170			
SAND			170	185			
RED ROCK			185	215			
SLATE			215	230			
SAND			230	240			
SLATE			240	250			
RED ROCK			250	265			
LIME RED			265	290			
SLATE			290	320			
RED ROCK			320	340			
LIME			340	360			
SLATE			360	380			
LIME			380	400			
SLATE			400	432			
LIME			432	480			
SLATE			480	530			
LIME			530	550			
SLATE & SHEALS			550	580			
LIME			580	655			
SLATE			655	690			
LIME			690	734			

Formation	Color	Hard or Soft	Top 4	Bottom	Oil, Gas or Water	Depth Found	Remarks
COAL							
SAND			734	732			
SLATE			732	760			
LIME			760	765			
SAND			765	840			
SLATEY LIME			840	875	112nd	12 140	
LIME			875	895			
COAL			895	1034			
SLATE			1034	1039			
LIME			1039	1060			
COAL			1060	1143		1407	
SLATE			1143	1149			
Red LIME			1149	1165		1143	
Red Rock			1165	1218		4264	
LIME			1218	1225			
Red Rock			1225	1320			
LIME			1320	1360			
Red Rock			1360	1420			
SLATE			1420	1460			
LIME			1460	1480			
SLATE			1480	1500			
Red Rock			1500	1530			
LIME GRITTY			1530	1540			
SLATE			1540	1610			
SAND			1610	1675			
SLATE			1675	1685			
LIME GRITTY			1685	1770	2320		
SLATEY SHELLS			1770	1890	1407		
SAND YST SALT			1890	1930	913		
SLATE			1930	1938			
SAND			1938	1983			
SLATE			1983	2056			
SLATEY SHELLS			2056	2196			
LIME			2196	2250			
SLATEY LIME			2250	2290			
SLATEY LIME			2290	2310			
SLATEY LIME			2310	2320			
SLATEY LIME			2320	2380			
SLATEY SHELLS			2380	2640			
LIME			2640	3100			
SAND			3100	3150			
SLATEY SHELLS			3150	3170			
PINK ROCK GRITTY			3170	3228			
SAND			3228	3237			
SLATE			3237	3270			
SAND - 4th			3270	3295			
LIME			3295	3315	540W O.K.	3306	
SAND			3315	3380			
			3380	3392			
TOTAL DEPTH				3392			

Date Aug 22nd, 1967

APPROVED *J. M. [Signature]*, Owner

By *J. M. [Signature]* (Title)