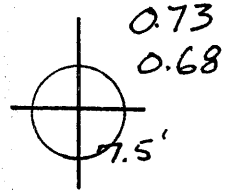


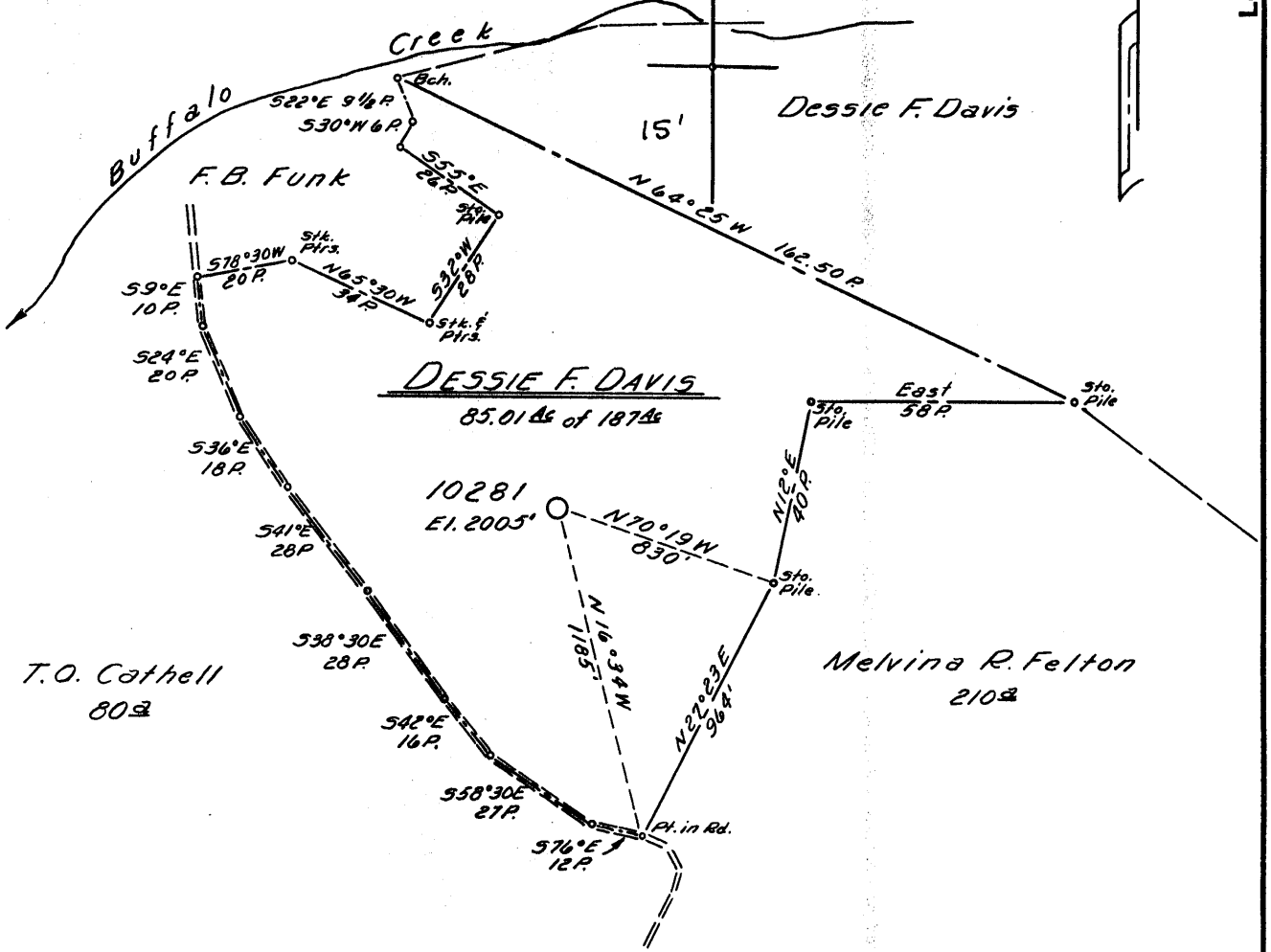
GS 1-19-90

3550

Latitude 39° 20' 39° 17' 30"



Longitude 79° 42' 30" 79° 40' 0065



New Location   
Drill Deeper   
Abandonment  1-19-90

Map Sheet 1134 G-2, F.B. 1223 P. 29-32

LNG Transmission Co. 1817  
 Company HOPE NATURAL GAS CO.  
 Address CLARKSBURG, W.VA.  
 Farm DESSIE F. DAVIS  
 Tract \_\_\_\_\_ Acres 85 of 187 Lease No. 68108  
 Well (Farm) No. \_\_\_\_\_ Serial No. 10281  
 Elevation (Spirit Level) 2005'  
 Quadrangle KINGWOOD 15' ROWLESBURG 7.5  
 County PRESTON District RENO 6  
 Engineer Guy H. Bradley  
 Engineer's Registration No. 2425  
 File No. \_\_\_\_\_ Drawing No. \_\_\_\_\_  
 Date 2-23-60 Scale 1" = 40 POLES

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

WELL LOCATION MAP  
FILE NO. PRES-83-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.

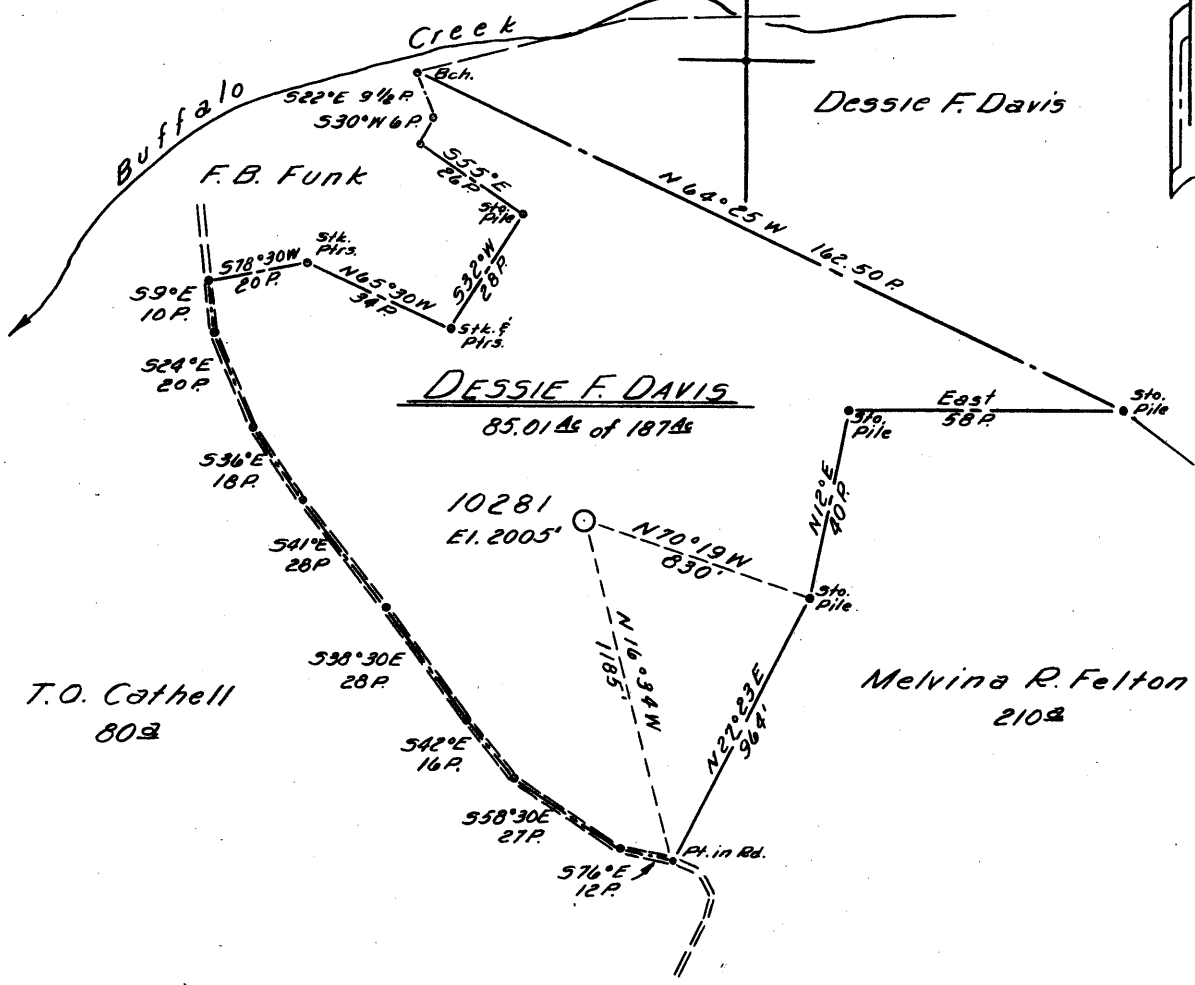
- Denotes one Inch spaces on border line of original tracing.

47-077

mm

Latitude 39° 20'

Longitude 79° 40'



3.645.  
2.99 W.

New Location   
 Drill Deeper   
 Abandonment

Map Sheet 1134 G-2, F.B. 1223 P. 29-32 9C (F-13)

Company HOPE NATURAL GAS CO.  
 Address CLARKSBURG, W.VA.  
 Farm DESSIE F. DAVIS  
 Tract \_\_\_\_\_ Acres 85 of 187 Lease No. 68108  
 Well (Farm) No. \_\_\_\_\_ Serial No. 10281  
 Elevation (Spirit Level) 2005'  
 Quadrangle KINGWOOD - SW.  
 County PRESTON District RENO  
 Engineer Guy H. Bradley  
 Engineer's Registration No. 2425  
 File No. \_\_\_\_\_ Drawing No. \_\_\_\_\_  
 Date 2-23-60 Scale 1" = 40 POLES

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

**WELL LOCATION MAP**  
 FILE NO. PRES-83

+ 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.

No sampler 6-6-60 260 Deep Well



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION

Quadrangle KINGWOOD

Permit No. PRES - 83

WELL RECORD

Oil or Gas Well Gas  
(KIND)

Company Hope Natural Gas Company  
Address Clarksburg, W. Va.  
Farm Dessie F. Davis Acres Unit-600  
Location (waters) \_\_\_\_\_  
Well No. 10281 Elev. 2005  
District Reno County Preston  
The surface of tract is owned in fee by \_\_\_\_\_  
Address \_\_\_\_\_  
Mineral rights are owned by \_\_\_\_\_  
Address \_\_\_\_\_  
Drilling commenced 6-9-60  
Drilling completed 10-12-60  
Date Shot Not Shot From \_\_\_\_\_ To \_\_\_\_\_  
With \_\_\_\_\_  
Open Flow /10ths Water in \_\_\_\_\_ Inch  
/10ths Merc. in \_\_\_\_\_ Inch  
Volume 170 Cu. Ft.  
Rock Pressure 1810 lbs. 56 hrs.  
Oil None bbls., 1st 24 hrs.  
WELL ACIDIZED No  
WELL FRACTURED 10-26-60

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer _____
16			
13	33	33	
10	490	490	Size of _____
8 1/4	1991	1991	
6 3/8	4933	4933	Depth set _____
<del>5 1/2</del> 4 1/2	5273	5273	
3			Perf. top _____
2			Perf. bottom _____
Liners Used			Perf. top _____
			Perf. bottom _____

CASING CEMENTED \_\_\_\_\_ SIZE \_\_\_\_\_ No. Ft. \_\_\_\_\_ Date \_\_\_\_\_  
8-5/8" cemented w/45 bgs. 7" cemented w/100 bgs.  
4 1/2" cemented w/72 bgs.  
COAL WAS ENCOUNTERED AT \_\_\_\_\_ FEET \_\_\_\_\_ INCHES  
None FEET \_\_\_\_\_ INCHES FEET \_\_\_\_\_ INCHES  
\_\_\_\_\_ FEET \_\_\_\_\_ INCHES FEET \_\_\_\_\_ INCHES

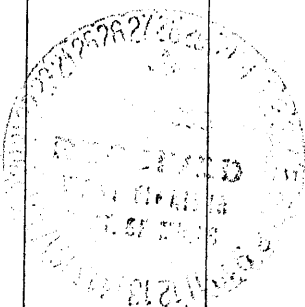
RESULT AFTER TREATMENT 2,369 M

ROCK PRESSURE AFTER TREATMENT Same

Fresh Water None Feet \_\_\_\_\_ Salt Water None Feet \_\_\_\_\_

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Shale			0	25			
Slate (Gray)			25	240	4911	5098	5198
Lime			240	365			
Slate			365	505			
Lime			505	734			
Slate			734	815			
Lime			815	1030			
Slate			1030	1045			
Lime			1045	1154			
Slate			1154	1360			
Lime			1360	1405			
Slate			1405	1565			
Lime			1565	1844			
✓ DENSON			1844	1983			
Lime			1983	2005			
Slate			2005	2605			
Lime			2605	3890			
Shale (Brown)			3890	4505			
✓ TULLY			4505	4544			
Shale (Brown)			4544	4831			
Shale (Black) - <u>Maceratus?</u>			4831	4911			
✓ BROWN BREAK			4911				
✓ ONONDAGA LIME			4911	4937			
✓ CHEST			4937	5098			
✓ ORISKANY			5098	5198	Gas	5162-72	
✓ WELDERBURG			5198	5341	Gas	5180-92	
Total Depth				5341			

485



STATE OF WEST VIRGINIA  
DEPARTMENT OF ENERGY  
DIVISION OF OIL AND GAS

DEC 05 90

AFFIDAVIT OF PLUGGING AND FILLING WELL

AFFIDAVITE SHOULD BE IN TRIPLICATE, one copy mailed to the Division, one copy to be retained by the Well Operator and the third copy (and extra copies if required) should be mailed to each coal operator at their respective addresses.

Farm name: FRIEND, ROGER & ETHEL Operator Well No.:10281

LOCATION: Elevation: 2005.00 Quadrangle: ROWLESBURG  
District: RENO County: PRESTON  
Latitude: 3900 Feet South of 39 Deg. 17 Min. 30 Sec.  
Longitude 3550 Feet West of 79 Deg. 42 Min. 30 Sec.

Well Type: OIL \_\_\_\_\_ GAS \_\_\_\_\_ X \_\_\_\_\_

Company: Hope Gas, Inc.  
P. O. Box 2868  
Clarksburg, WV 26301

Coal Operator \_\_\_\_\_ None  
or Owner \_\_\_\_\_

Agent: Calvin R. Morrison  
Inspector: Phillip Tracy  
Permit Issued: 01/19/90

Coal Operator \_\_\_\_\_ None  
or Owner \_\_\_\_\_

AFFIDAVIT

STATE OF WEST VIRGINIA,  
County of Preston ss:

Calvin R. Morrison and Kevin Parsons being first duly sworn according to law depose and say that they are experienced in the work of plugging and filling oil and gas wells and were employed by Hope Gas, Inc., well operator, and participated in the work of plugging and filling the above well, that said work was commenced on the 22nd day of October, 1990, and that the well was plugged and filled in the following manner:

TYPE	FROM	TO	PIPE REMOVED	LEFT
Cement	5273'	4361'		
Gel	4361'	3084'	4 1/2"-4315'	4 1/2"-958'
Cement	3084'	2884'	7" - 3121'	7" - 1812'
Gel	2884'	2197'		
Cement	2197'	1997'		
Gel	1997'	1436'		
Cement	1436'	1236'	8 5/8" - 1437'	8 5/8"-554'
Gel	1236'	485'		
Cement	485'	360'	10 3/4"-490'	10 3/4"-0
Gel	360'	100'		
Cement	100'	Surface		13" - 33'

Description of monument: 7" CSG with API#

and that the work of plugging and filling said well was completed on the 31st day of October, 1990.

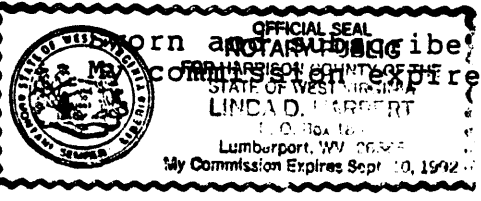
And further deponents saith not.

Calvin R. Morrison

Kevin D. Parsons

Linda D. Harlow

Notary Public DEC 14 1990



Subscribed and sworn to before me this 3rd day of December, 1990.