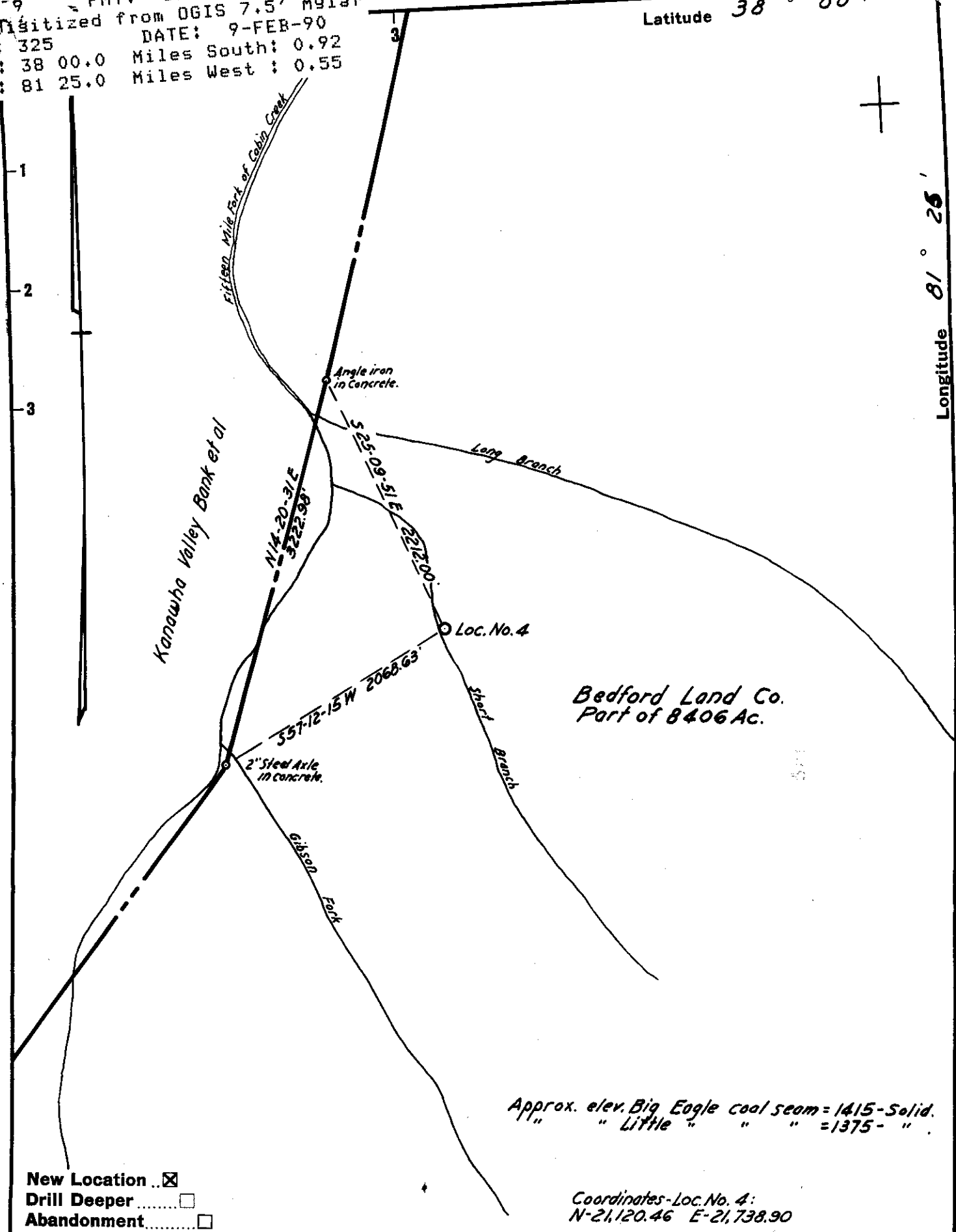


CO: 6-9 PMT: 1868  
 Lvs digitized from OGIS 7.5' Mylar  
 QUAD: 325 DATE: 9-FEB-90  
 LAT: 38 00.0 Miles South: 0.92  
 LONG: 81 25.0 Miles West: 0.55

Latitude 38° 00'

Longitude 81° 25'



New Location   
 Drill Deeper   
 Abandonment

Coordinates - Loc. No. 4:  
 N-21,120.46 E-21,738.90

Company	UNITED PRODUCING CO., INC.
Address	CHARLESTON, W. VA.
Farm	BEDFORD LAND CO.
Tract	Acres 8406 Lease No. 9965
Well (Farm) No.	4 Serial No. 3439
Elevation (Spirit Level)	1486.2
Quadrangle	ECCLES NW
County	KANAWHA District CABIN CREEK
Engineer	John H. Burnett
Engineer's Registration No.	1442
File No.	19-A Drawing No.
Date	MAY 7-1962 Scale 1"=1,000'

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

**WELL LOCATION MAP**  
 FILE NO. KAN-1868

+ 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.



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

Quadrangle Eccles  
Permit No. KAN-1868

WELL RECORD

Oil or Gas Well Gas  
(KIND)

Company <u>United Producing Company, Inc.</u>	Casing and Tubing	Used in Drilling	Left in Well	Packers
Address <u>Box 1913, Charleston 27, West Virginia</u>				
Farm <u>Bedford Land Company</u> Acres <u>81.06</u>				
Location (waters, <u>Short Br. of 15 mi. Fk. of Cabin Ck.</u> Size				
Well No. <u>4 - 3439</u> Elev. <u>1495.2' KB</u>	10-20"	15'	15'	Kind of Packer
District <u>Cabin Creek</u> County <u>Kanawha</u>	13 3/8"	31'	31'	
The surface of tract is owned in fee by <u>Bedford Land Co.,</u>	10			Size of
<u>1310 Kanawha Valley Bldg. Address Charleston 1, W. Va.</u>	8 5/8"	1750'	1750'	Depth set
Mineral rights are owned by <u>Sand</u>	6 3/4"			
Address	5 3/16"			
Drilling commenced <u>May 16, 1962</u>	4 1/2"	29 1/2'	29 1/2'	Perf. top
Drilling completed <u>May 27, 1962</u>	2			Perf. bottom
Date Shot From To	Liners Used			Perf. top
With				Perf. bottom
Open Flow /10ths Water in _____ Inch				
/10ths Merc. in _____ Inch				
Volume _____ Cu. Ft.				
Rock Pressure _____ lbs. _____ hrs.				
Oil _____ bbls., 1st 24 hrs.				
WELL ACIDIZED _____				

CASING CEMENTED 13 3/8" 40 SX. 5 5/8" 50 SX. No. Ft. \_\_\_\_\_ Date \_\_\_\_\_  
4 1/2" 120 SX.

COAL WAS ENCOUNTERED AT 210 FEET 36 INCHES  
571 FEET 24 INCHES FEET INCHES  
FEET INCHES FEET INCHES

WELL FRACTURED 6-4-62 2862-2882 with 500 gals. mud acid, 58,000# sand & 609 bbls. treated water.  
FRACTURED 6-5-62 2761-2810' with 500 gals. mud acid, 60,000# sand & 900 bbls. treated water.  
RESULT AFTER TREATMENT Final open flow 106/10 Merc. 4" 6,373,000 cu. ft. - Weir  
ROCK PRESSURE AFTER TREATMENT 72 hours - 695 p.s.i.  
Fresh Water 41 Feet Salt Water \_\_\_\_\_ Feet

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Loose Sand & Rock			0	20			
Sand			20	60	Water	41'	
Shale			60	85			
Sand			85	115			
Shale			115	135			
Sand			135	210			
Coal			210	213			
Shale			213	225			
Sand			225	260			
Sand & Shale			260	400			
Sand			400	420			
Shale			420	495			
Sand & Shale			495	571			
Coal			571	573			
Shale			573	575			
Sand			575	615			
Shale			615	650			
Sand & Shale			650	785			
Sand	White		785	905			
Sand & Shale			905	980			
Sand	White		980	1265			
Sand & Shale			1265	1305			
Shale			1305	1320			
Sand	White		1320	1480			
Shale		Sandy	1480	1495			
Shale & Red Rock			1495	1520			
Sand & Shale			1520	1580			
Shale			1580	1635			
Shale & Sand			1635	1740			
Red Rock & Shale			1740	1820			

(over)



Formation	Color	Hard or Soft	Top //	Bottom	Oil, Gas or Water	Depth Found	Remarks
Sand			1820	1870			
Red Rock, Shale & Sand			1870	2175			
Sand			2175	2230			
Lime & Shale			2230	2255			
Sandy Lime & Shale			2255	2320			
Shale			2320	2348			
Big Lime			2348	2658			
Injun Sand			2658	2684			
Shale & Sand			2684	2729		2770'	total 269MCF
Weir Sand			2729	2826	Gas	2804'	
Shale			2826	2850	Gas	2864'	
Weir			2850	2898	Gas		
Shale			2898				
TOTAL DEPTH				2955'			

Date June 22, 1962

APPROVED UNITED PRODUCING COMPANY, INC., Owner

By \_\_\_\_\_  
Vice (Title) President