

6-6 Smithton-Flint- Sedelie



STATE OF WEST VIRGINIA DEPARTMENT OF MINES

Oil and Gas Division

WELL RECORDA

Quadrangle West Union Permit No. 47-017-2794

CARDOS APPE DECEMBER 1. 1944

Rotary_X	Oil
Cable	Gas_X
Recycling	Comb.
Water Flood	Storage
Disposal	

		réine de la company de la comp		(Kind)
Company Cities Service Company Address Box 873 Charleston WV 25323 Farm Charles F. Longacre Acres 115.00	Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Location (waters) Bluestone Creek Well No. "A" #4, GW-1861 Elev. 827.16 District West Union County Doddridge	Size 20-16 Cond	до не на на почет до почет де почет до		
The surface of tract is owned in fee by Charles E. Longacre, West Union Bank Bldg.	13-10° 11-3/4° 9 5/8	The second secon	77,55	surface (40 sx)
Address West Union, WV 26456	8 5/8 "	1,663	1663	surface (410 sx)
Mineral rights are owned by Kenneth Longacre				
Agent Address West Union, WV 26436	5 1/2	State & State - No. 1975 of the Application of the		
Drilling Commenced 8-16-80	4 1/2	5123	5123	(720 sx)
Drilling Completed Consequences	se can tanin an ann ann an an an an an an an an an	rongo. Non-no holy attemperatur anticolor shingah vakidadakin kan		OPPORT OF THE PROPERTY OF THE
Initial open flow 163 M cu, ft. 0 bbis.	2 tubing 2-3/0	8 5020.8	of management of	
Final production 169M cu. ft. per day 6 obls.	Liners Used			
Well openhrs. before testSSO_RP.				
Well treatment dataile.				

Well treatment détails: Attach copy of cementing record.

Treatment for Alexander: Broke down perfs w/500 gal. mud acid w/80 bbl. gelled water. Frac w/Dowell crosslink Polymer w/15000# 80/100 sand & 105,000 20/40 sand, TL&T 820 bbl.

	169 MCF
Coal was encountered at management the control of t	Inches
Fresh water	Salt Water Feet
Producing Sand Alexander	Depth 5015-5042 OA
	A TO THE PROPERTY OF THE PROPE

				Copies Colored	The wide final in consideration and a superproper proper between the constitution of t		
Formation	Color	Hard or Soft	Top Feet	8	ottom Feet	Oil, Gas or Wate	r * Remarks
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Sand		The state of the s	1160		1215		
Shale			4 1225 (1) (1		1245		DEC 1 8 1980

Formation	Color	Hard or Lott	Top Feet c	Bottom Feet	Oil, Gas or Water	Remarks
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		· Characteristics	Object of the second se			

Date December 1,	19 80
APPROVED Cities Service Company	Owner
By Paul O Phillips	





_PERMIT NUMBER

Oil and Gas Division

OIL AND GAS WELL PERMIT APPLICATION T. OF MINES

TO THE DEPARTMENT OF MINES,	
Charleston, W. Va.	DATE July 10, 1980
Surface Owner Charles F. Longacre West Union Bank Bldg.	Company Cities Service Company
Address West Union, WV 26456	Address Box 873, Charleston, WV 25323
Mineral Owner Kenneth Longacre, Agent	
Address West Union, WV 26436	Location (waters) Bluestone Creek
Coal Owner	ti ti ili orr 2002 927 161
Address	
Coal Operator	Quadrangle West Union
Address	· · · · · · · · · · · · · · · · · · ·
PERMIT MUST BE POSTED AT THE WELL SITE	
provisions being in accordance with Chapter 22,	
e W. Va. Code, the location is hereby approved	INSPECTOR
drilling . This permit shall expire if	TO BE NOTIFIED Paul Garrett
diors have not a series of a series of	321 Beech Street
ations have not commenced by 3-24-81	ADDRESS <u>Clarksburg, WV 26301</u>
eputy Director - Oil & Gas Division	PHONE _622-3871
GENTLEMEN:	
	upon the above named farm or tract of land for oil and gas, having fee
title thereto, (or as the case may be) under grant o	or lease dated July 2, 1914 by Charles F.
Longacre et ux made to Columbian Carbon	n (now Cities Service) and recorded on the day of
19 in County, Book	19 Page 210
X NEW WELLDRILL DEEP	ERREDRILLFRACTURE OR STIMULATE
OIL AND GAS WELL ORIGINALLY I	
	0, 1000.
The enclosed plat was prepared by a registered enhave been notified as of the above date.	ngineer or licensed land surveyor and all coal owners and/or operators
	hereby notified that any objection they wish to make, or are required by, or filed with the Department of Mines within ten (10) days. *
	nailed by registered mail, or delivered to the above named coal operators.
	day before, or on the
same day with the mailing or delivery of this copy to	the Department of Mines at Charleston, West Virginia.
	Very truly yours, Cities Service Company
PLEASE SUBMIT COPIES OF ALL	
GEOPHYSICAL LOGS DIRECTLY TO:	(Sign Name) Sam J. Matthews Well Operator Reg. Prod. Manage:
THE THE COURT OF STREET AND	
WEST VIRGINIA GEOLOGICAL AND ECONOMIC SURVEY	Address Street
P. O. BOX 879	of
MORGANTOWN, WEST VIRGINIA 26505	Well Operator Charleston
AC-304 - 292-6331	City or Town
	W. Va. 25323
	State
	i by the Department of mines, within said period of ten days from the receipt of
the filing of such plat, that no objections have been made by t	i location, the department shall forthwith issue to the well operator a permit reciting the coal operators or found thereto by the department and that the same is approved
and the well operator authorized to proceed.	
	47-017-2794

"I have read and understand the reclamation requirements as set forth in Chapter 22, Article 4, Section 12-b and will carry out the specified requirements."

THIS IS AN ESTIMATE ONLY ACTUAL INFORMATION WILL BE SUBMITTED ON OG-10 UPON COMPLETION

BILLING CONTRACTOR: (If Known) AME Same of Anti-brows West Unden, W. Va. DDRIÉS MOST Unden, W. Va. APPROXIMATE DEFTH OF COMPLETED WELL 5150 ROYOSED USOLOGICAL FORMATION: ALEMMAND DEFTH OF COMPLETED WELL 5150 ROYOSED USOLOGICAL FORMATION: ARECYCLING WATER FLOOD OTHER WATER FLOOD OTHER EENTATIVE CASING PROGRAM: CASING AND TURING USED FOR WILL OR SACKS. CURRETT. 2.5 10 11-5/4" 42\$ 80 80 80 to surface 3.10 11-5/4" 42\$ 80 80 80 to surface 4.5 11-5/4" 42\$ 80 80 80 to surface 4.5 11-5/4" 42\$ 80 80 80 to surface 4.6 11-5/4" 42\$ 80 to surface 4.7 11-5/4" 42\$ 80 80 80 to surface 4.8 11-5/4" 42\$ 80 to surface 4.9 11-5/4" 42\$ 80 to surface 4.0 11-5/4	PROPOSED WORK ORDER TO DRILLING CONTRACTOR: (If			
ADDRESS MEST UNION, W. VE. ADDRESS MAY DO JOURNAL STORAGE RECHENNE TO COMPLETED WELL: 5150 ROTARY X CABLE POOLS. ROTOSED GEOLOGICAL FORMATION: ALEXANDER ROTOSED GEOLOGICAL FORMATION: ALEXANDER RECYCLING WATER FLOOD OTHER TENTATIVE CASING PROGRAM: CASING AND TURING USED FOR LIFT IN CENTITIL DE CASING AND TURING SIZE DEBILIANG. 10-16 10-16 10-19 10	Conner Enternri	ses	NAME Sam J. Mat	TITE 75272
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INSIMATE DEPTH OF COMPLETED WELL: \$100 ROTARY CARL TOORS OF COMPLETE OR STORAGE DISPOSAL RECYCLING WATER FLOOD OTHER SIZE OF STATE OF S	ADDRESS		TELEPHONE 304-3	344-8383
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TENTATIVE CASING PROGRAM: CASING AND TUBING SIZE DRILLING WHAL OR SACKN: CUBR FT. SIZE DRILLING UNITED SIZE DRILLING UNITED OR SACKN: CUBR FT. OR SACKN: CUBR FT. OR SACKN: CUBR FT. OR SACKN: CUBR FT. SALT UNITED SACKN: CUBR FT. SALT UNITED SACKS 15.50 51.50 51.50 51.50 51.50 51.50 51.50 51.50 51.50 54.0 SECKS PMT. FND FMT. FN	YPE OF WELL: OIL_	GAS (WATER FL	OOD OTHER
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11.6# 5150 5150 5150 640 SRCKS 14.9 11.6# 5150 5150 5150 640 SRCKS 15.3 12.6# 11.6# 11.6# 15.150 12.5# 12.	234	1650	1650	to surface
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APPROXIMATE FRESH WATER DEPTHS 110 FEET SALT WATER FEET APPROXIMATE COAL DEPTHS 490 APPROXIMATE COAL DEPTHS 490 BY WHOM? TO DRILL: SUBMIT FIVE (5) COPIES OF OG - 1, \$100.00 PERMIT FEE, PERFORMANCE BOND AND PERMANENT COP OF PLAT. TO DRILL DEEPER OR REDRILL: SUBMIT FIVE (5) COPIES OF OG - 1, SHOWING ORIGINAL PERMIT NUMBER AND PERFORMANCE BOND. O WELLS DRILLED PRIOR TO 1929, A PERMANENT COPY OF THE PLAT AND THE ORIGINAL WELL RECORD. MUST ALSO BE SUBMITTED. TO FRACTURE - STIMULATE: OIL AND/OR GAS WELL ORIGINALLY DRILLED BEFORE JUNE 5, 1929, FIVE (6) COPIES OG - 1, PERFORMANCE BOND. OR AND/OR AFTER JUNE 5, 1929, FIVE COPIES OG - 1, SHOWING ORIGINAL WELL RECORD. OIL AND/OR GAS WELL ORIGINALLY DRILLED ON AND/OR AFTER JUNE 5, 1929, FIVE COPIES OG - 1, SHOWING ORIGINAL PERMIT NUMBER, AND PERFORMANCE BOND. Required forms must be filed within ninety (90) days of completion for bond release. Inspector to be notified twent four (24) hours in advance. The following waiver must be completed by the coal operator if the permit is to be issued within ten days of received. WAIVER: 1 the undersigned, Agent for	1 1/2 11.6#	J 1 J V		Perf. Top
APPROXIMATE FRESH WATER DEPTHS 110 FEET SALT WATER FEET APPROXIMATE COAL DEPTHS 490 IS COAL BEING MINED IN THE AREA? 100 BY WHOM? TO DRILL: SUBMIT FIVE (5) COPIES OF OG - 1, \$100.00 PERMIT FEE, PERFORMANCE BOND AND PERMANENT COP OF PLAT. TO DRILL DEPTER OR REDRILL: SUBMIT FIVE (5) COPIES OF OG - 1, SHOWING ORIGINAL PERMIT NUMBER AND PERFORMANCE BOND. O WELLS DRILLED PRIOR TO 1929, A PERMANENT COPY OF THE PLAT AND THE ORIGINAL WELL RECORMING ALSO BE SUBMITTED. TO FRACTURE - STIMULATE: OIL AND/OR GAS WELL ORIGINALLY DRILLED BEFORE JUNE 5, 1929, FIVE (5) COPIES OG - 1, PERFORMANCE BOND. PERMANENT PLAT AND ORIGINAL WELL RECORD. OIL AND/OR GAS WELL ORIGINALLY DRILLED ON AND/OR AFTER JUNE 5, 1929, FIVE COPIES OG - 1, SHO'ING ORIGINAL PERMIT NUMBER, AND PERFORMANCE BOND. Required forms must be filed within ninety (90) days of completion for bond release. Inspector to be notified twen four (24) hours in advance. The following waiver must be completed by the coal operator if the permit is to be issued within ten days of recthereof. WAIVER: I the undersigned, Agent for	3			Perf. Bottom
APPROXIMATE FRESH WATER DEPTHS 490 APPROXIMATE COAL DEPTHS 490 IS COAL BEING MINED IN THE AREA? TO DRILL: SUBMIT FIVE (5) COPIES OF OG · 1, \$100.00 PERMIT FEE, PERFORMANCE BOND AND PERMANENT COP OF PLAT. TO DRILL DEEPER OR REDRILL: SUBMIT FIVE (5) COPIES OF OG · 1, SHOWING ORIGINAL PERMIT NUMBER AND PERFORMANCE BOND. O WELLS DRILLED PRIOR TO 1929, A PERMANENT COPY OF THE PLAT AND THE ORIGINAL WELL RECORD. MUST ALSO BE SUBMITTED. TO FRACTURE - STIMULATE: OIL AND/OR GAS WELL ORIGINALLY DRILLED BEFORE JUNE 5, 1929, FIVE (5) COPIES OG · 1, PERFORMANCE BOND, PERMANENT PLAT AND ORIGINAL WELL RECORD. OIL AND/OR GAS WELL ORIGINALLY DRILLED ON AND/OR AFTER JUNE 5, 1929, FIVE COPIES OG · 1, SHO' ING ORIGINAL PERMIT NUMBER, AND PERFORMANCE BOND. Required forms must be filed within ninety (90) days of completion for bond release. Inspector to be notified twen four (24) hours in advance. The following waiver must be completed by the coal operator if the permit is to be issued within ten days of rec thereof. WAIVER: I the undersigned, Agent for				
APPROXIMATE COAL DEPTHS 490 IS COAL BEING MINED IN THE AREA? 10 BY WHOM? TO DRILL: SUBMIT FIVE (5) COPIES OF OG - 1, \$100.00 PERMIT FEE, PERFORMANCE BOND AND PERMANENT COP OF PLAT. TO DRILL DEEPER OR REDRILL: SUBMIT FIVE (5) COPIES OF OG - 1, SHOWING ORIGINAL PERMIT NUMBER AND PERFORMANCE BOND. O WELLS DRILLED PRIOR TO 1929, A PERMANENT COPY OF THE PLAT AND THE ORIGINAL WELL RECOF MUST ALSO BE SUBMITTED. TO FRACTURE - STIMULATE: OIL AND/OR GAS WELL ORIGINALLY DRILLED BEFORE JUNE 5, 1929, FIVE (5) COPIES OG - 1, PERFORMANCE BOND. OIL AND/OR GAS WELL ORIGINALLY DRILLED ON AND/OR AFTER JUNE 5, 1929, FIVE COPIES OG - 1, SHOWING ORIGINAL PERMIT NUMBER, AND PERFORMANCE BOND. Required forms must be filed within ninety (90) days of cumpletion for bond release. Inspector to be notified twent four (24) hours in advance. The following waiver must be completed by the coal operator if the permit is to be issued within ten days of recthereof. WAIVER: I the undersigned, Agent for	Linets			Perf. Bottom
The following waiver must be completed by the coal operator if the permit is to be issued within ten days of recthereof. WAIVER: I the undersigned, Agent for Coal Company, Owner or Operator of the coal unthis lease have examined and place on our mine maps this proposed well location. We the Coal Company have no objections to said well being drilled at this locat providing operator has complied with all rules and regulations in Articles 4, 5, and 7, Chapter 22 of the West Virg Code.	OF PLAT. TO DRILL DEEPER OR REDR SUBMIT FIVE (5) COPIES WELLS DRILLED PRIOR MUST ALSO BE SUBMIT TO FRACTURE - STIMULATE OIL AND/OR GAS WELL BOND, PERMANENT PLA OIL AND/OR GAS WELL ING ORIGINAL PERMIT N	ILL: S OF OG - 1, SHOWING OR TO 1929, A PERMANENT TED. ORIGINALLY DRILLED BE AT AND ORIGINAL WELL I ORIGINALLY DRILLED ON NUMBER, AND PERFORMAN	IGINAL PERMIT NUMBER COPY OF THE PLAT AN FORE JUNE 5, 1929, FIVE (RECORD. I AND/OR AFTER JUNE 5, INCE BOND.	AND PERFORMANCE BOND. ON D THE ORIGINAL WELL RECORD (5) COPIES OG - 1, PERFORMANCE 1929, FIVE COPIES OG - 1, SHOW
WAIVER: I the undersigned, Agent for Coal Company, Owner or Operator of the coal until this lease have examined and place on our mine maps this proposed well location. We the Coal Company have no objections to said well being drilled at this locat providing operator has complied with all rules and regulations in Articles 4, 5, and 7, Chapter 22 of the West Virg Code.	Required forms must be f four (24) hours in advance	iled within ninety (90) days e.	of completion for bond relea	ase. Inspector to be notified twents
Official Title	thereof. WAIVER: I the undersigned, this lease have examined. We the providing operator h	Agent for	Coal Company, One maps this proposed well any have no objections to sa	wner or Operator of the coal und location. aid well being drilled at this location and 7, Chapter 22 of the West Virgin
				79 - 42 2-14 2-14