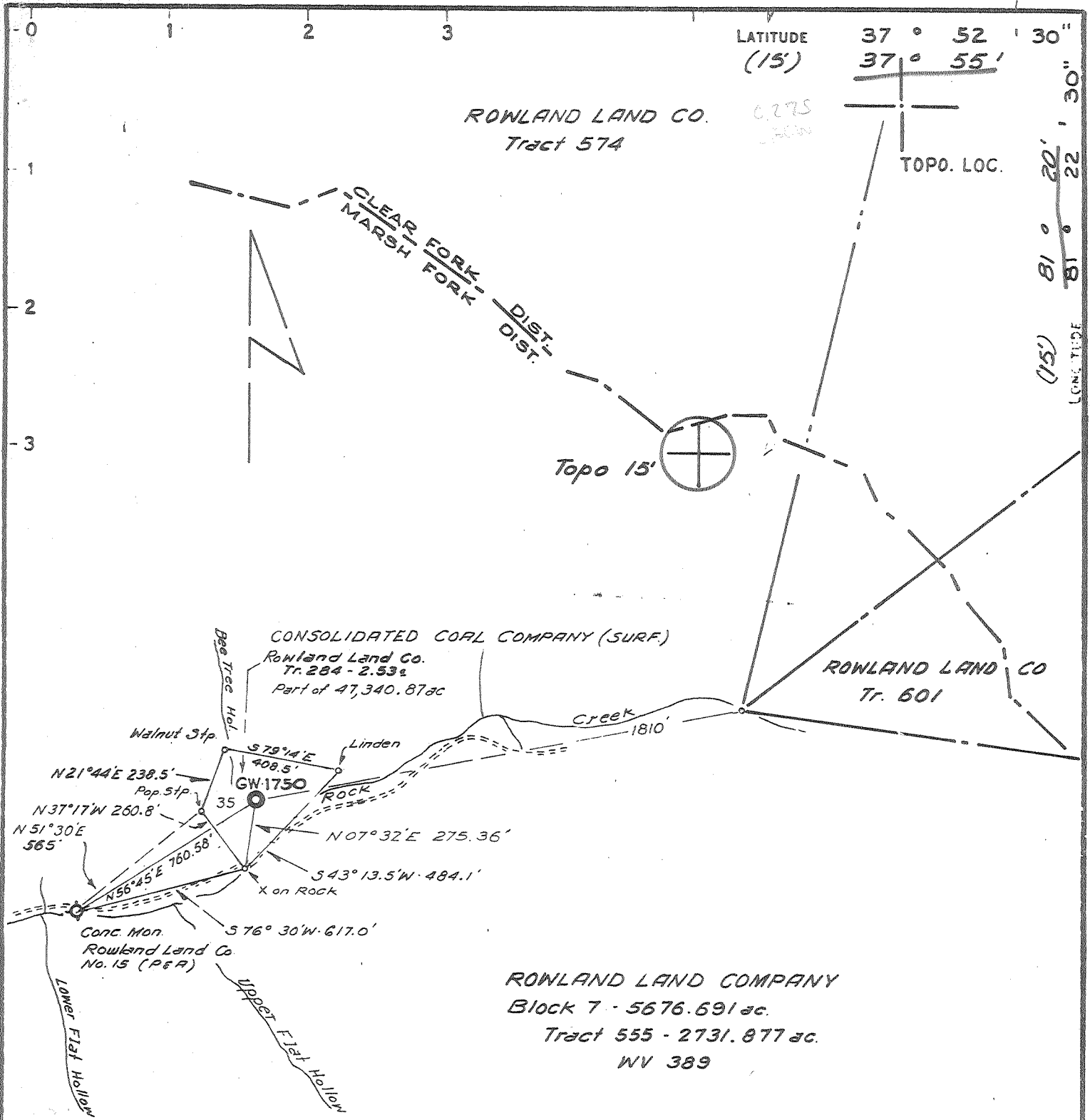


10, 21, 75 R



LATITUDE 37° 52' 30"
(15') 37° 55'
TOPO. LOC.
LONG. TR. OF 81° 20' 30"
(15') 81° 22' 30"

- NEW LOCATION
- RECONDITION
- DRILL DEEPER
- ABANDONMENT - 12/12/75

"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."
Minimum degree of accuracy is one part in 200

CERTIFICATE

Signed [Signature]

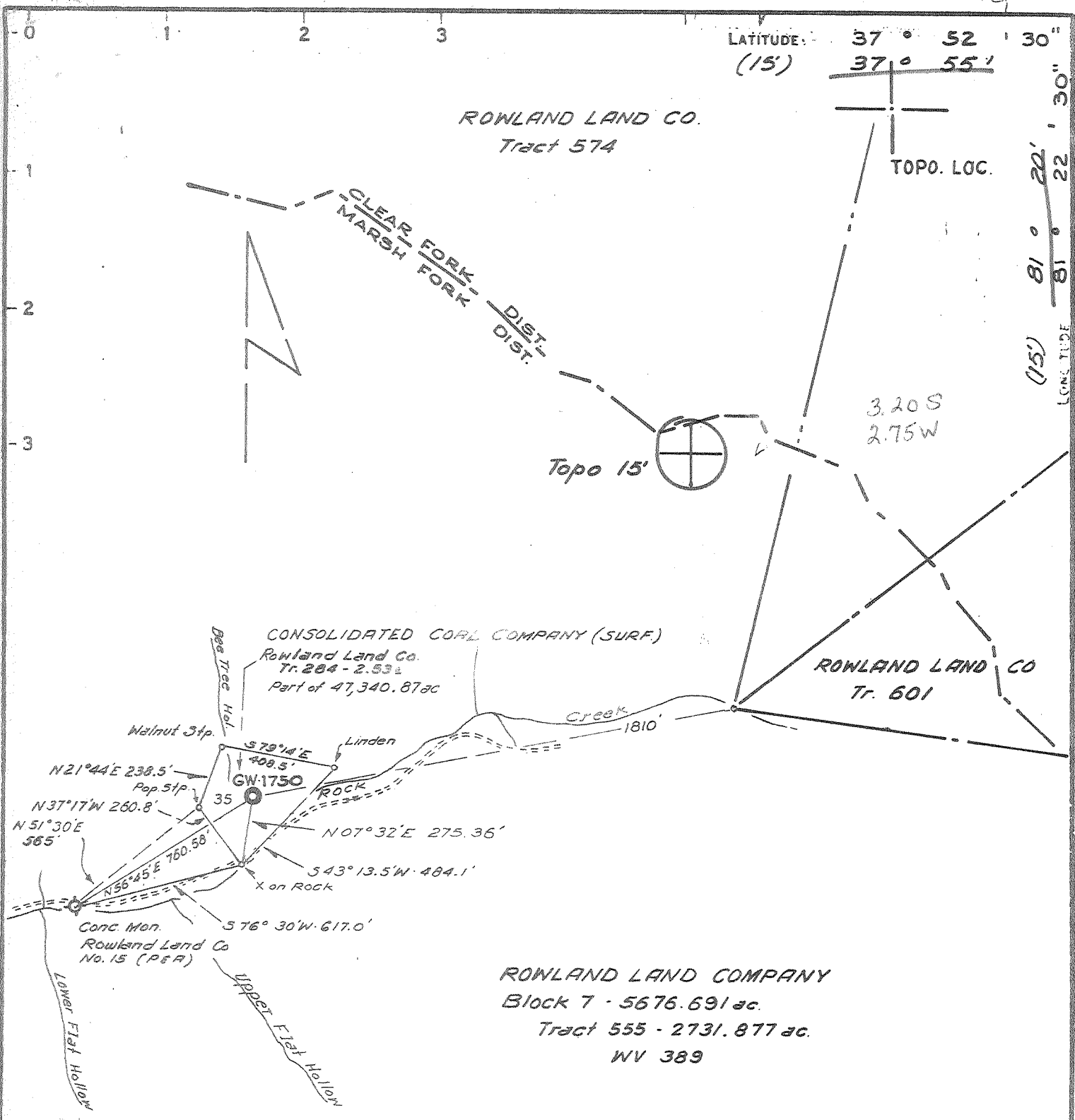
COMPANY CITIES SERVICE OIL COMPANY
 ADDRESS BOX 873, CHARLESTON, W.VA.
 FARM ROWLAND LAND COMPANY
 MAP _____ ACRES 2.53 LEASE NO. WV 389
 WELL (FARM) NO. 35 SERIAL NO. GW-1750
 ELEVATION (SPIRIT LEVEL) 2247.23'
 QUADRANGLE ARNETT; Eccles 15' C
 COUNTY RALEIGH DISTRICT MARSH FORK
 POINT OF PROVEN ELEVATION U.S.G.S. Std. Disk on top of large rock along Rock Creek road - Elev. 1973
 FILE NO. _____ DRAWING NO. W-5-75
 DATE AUG. 19, 1975 SCALE 1" = 500'

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION
 CHARLESTON
WELL LOCATION MAP
 FILE NO. RAL-336-P
 + DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS. SCALE 1 TO 24,000 LATITUDE AND LONGITUDE LINES BEING REPRESENTED BY BORDER LINES AS SHOWN. **47-081**
 - DENOTES ONE INCH SPACES ON BORDER LINE OF ORIGINAL TRACING.

7183 Northburg

Deep Shell

DEC 31 1975



CERTIFICATE

"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."
 Minimum degree of accuracy is one part in 200

Signed [Signature]

- NEW LOCATION
- RECONDITION
- DRILL DEEPER
- ABANDONMENT

COMPANY	CITIES SERVICE OIL COMPANY		
ADDRESS	BOX 873, CHARLESTON, W.VA.		
FARM	ROWLAND LAND COMPANY		
MAP	Part of 47,340.87 ac.	ACRES	2.53
WELL (FARM) NO.	35	LEASE NO.	WV 389
SERIAL NO.	GW-1750		
ELEVATION (SPIRIT LEVEL)	2247.23'		
QUADRANGLE	HARNETT; Eccles 15' C		
COUNTY	RALEIGH	DISTRICT	MARSH FORK
POINT OF PROVEN ELEVATION	U.S.G.S. Std. Disk on top of large rock along ROCK Creek road - Elev. 1973		
FILE NO.	DRAWING NO. W-5-75		
DATE	AUG. 19, 1975	SCALE	1" = 500'

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION
CHARLESTON
WELL LOCATION MAP
FILE NO. RAL-336
+ DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS. SCALE 1 TO 24,000 LATITUDE AND LONGITUDE LINES BEING REPRESENTED BY BORDER LINES AS SHOWN. 47-081
- DENOTES ONE INCH SPACES ON BORDER LINE OF ORIGINAL TRACING.



RECEIVED

DEC 30 1975

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

OIL & GAS DIVISION
DEPT. OF MINES

Oil and Gas Division

WELL RECORD

Quadrangle Arnett
Permit No. RAL-336

Rotary X Oil _____
Cable _____ Gas _____
Recycling _____ Comb. _____
Water Flood _____ Storage _____
Disposal _____

(Kind)
Dry Hole

Company Cities Service Oil Company
Address Box 873, Charleston, W. Va. 25323
Farm Rowland Land Co. Acres 2731.877
Location (waters) Rock Creek
Well No. 35, GW-1750 Elev. 2341.56
District Marsh Fork County Raleigh
The surface of tract is owned in fee by Consolidation Coal Co., Rt. 1 Box 169, Beckley, W. Va.
Address _____
Mineral rights are owned by Rowland Land Co.
Address 1033 Quarrier St., Charleston, W. Va.
Drilling Commenced 11-6-75
Drilling Completed 12-14-75
Initial open flow None cu. ft. _____ bbls.
Final production None cu. ft. per day _____ bbls.
Well open _____ hrs. before test _____ RP.

Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Size 20 1/2" 26"	23'	23'	
Cond. 94#/ft. H-40	70'	70'	to surface
13 1/2" 13-3/8" 48#/ft. H-40	553'	553'	to surface
9 5/8" 36#/ft. K-55	3077'	3077'	to surface
8 5/8"			
7" 23#/ft. K-55	6886'	622'	100 sacks
5 1/2"			
4 1/2"			
3"			
2"			
Liners Used			

Attach copy of cementing record.

PLUGGED AND ABANDONED

Coal was encountered at _____ Feet _____ Inches
Fresh water 140 Feet _____ Salt Water _____ Feet _____
Producing Sand _____ Depth _____

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Surface			0	33		
Shale			33	60		
Sand			60	155	Water 140	
Shale			155	185		
Sand			185	270		
Shale			270	310		
Sand			310	360		
Shale			360	385		
Sand			385	460		
Shale			460	658		
Sand			658	895		
Shale			895	965		
Sand			965	1305		
Shale			1305	1385		
Sand			1385	1555		
Shale			1555	1620		
Sand			1620	1715		
Shale			1715	1916		
Sand			1916	1993		
Red Rock			1993	2000		
Shale			2000	2195		
Red Rock			2195	2240		
Sand			2240	2290		
Red Rock			2290	2470		

(over)

* Indicates Electric Log tops in the remarks section.

JAN 12 1976

Formation	Color	Hard or Soft	Top Feet ?	Bottom Feet	Oil, Gas or Water	* Remarks
Shale			2470	2535		
M. Sand			2535	2570	Gas Show	
Shale				2650		
Lime			2650	2725		
Shale			2725	2740		
Lime Big			2740	3071		
Sand			3071	3075		
Injun Sand			3075	3155		
Sand & Shale			3155	3466		
Shale			3466	3678		
Sand & Shale			3678	4145		
Shale			4145	5034		
Dark Slate			5034	5895		
Shale			5895	6846		
Onondago			6846	6924		
Oriskany			6924	7010		
Lime			7010	7601		
Newburg			7601	7611		
Lime McKenzie			7611	7660	T.D.	

Date December 29, 19 75

APPROVED Cities Service Oil Company, Owner

By Sam J. Matthews
 Sam J. Matthews (Title) Region Prod. Mgr.



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

RECEIVED
OCT 21 1975

Oil and Gas Division

OIL & GAS DIVISION
DEPT. OF MINES

OIL AND GAS WELL PERMIT APPLICATION

TO THE DEPARTMENT OF MINES,
Charleston, W. Va.

DATE October 21, 1975

Surface Owner Consolidation Coal Company

Company Cities Service Oil Company

Address Rt. 1 Box 169, Beckley, W. Va. 25801

Address Box 873, Charleston, W. Va. 25323

Mineral Owner Rowland Land Company

Farm Rowland Land Company Acres 2731.877

Address 1033 Quarrier St., Charleston, W. Va.

Location (waters) Rock Creek

Coal Owner Consolidation Coal Company

Well No. 435 GW-1750 Elevation 2341.56

Address Rt. 1 Box 169, Beckley, W. Va. 25801

District Marsh Fork County Raleigh

Coal Operator Consolidation Coal Company

Quadrangle Arnett (1"-2000')

Willard Johnson, Resident Engineer
Address Rt. 1 Box 169, Beckley, W. Va. 25801

THIS PERMIT MUST BE POSTED AT THE WELL SITE Within one mile of Rowland Land Company #35, GW-1750 there are no deep wells.

All provisions being in accordance with Chapter 22, of the W. Va. Code, the location is hereby approved for drilling. This permit shall expire if operations have not commenced by 2-21-76

INSPECTOR TO BE NOTIFIED Rue Schoolcraft
PH: 732-7245 ADDRESS Pineville, W. Va.
Deputy Director - Oil & Gas Division

The undersigned well operator is entitled to drill 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 or lease dated February 5, 1942 by Rowland Land Company made to Columbian Carbon Co. (now Cities Service Oil Co.) and recorded on the 11 day of March 1942, in Raleigh County, Book 13 Page 14 11 252 13 Feb.
 NEW WELL DRILL DEEPER REDRILL FRACTURE OR STIMULATE
 OIL AND GAS WELL ORIGINALLY DRILLED BEFORE JUNE 5, 1969.

The enclosed plat was prepared by a registered engineer or licensed land surveyor and all coal owners and/or operators have been notified as of the above date.

The above named coal owners and/or operator are hereby notified that any objection they wish to make, or are required to make by Section 3 of the Code, must be received by, or filed with the Department of Mines within ten (10) days. *

Copies of this notice and the enclosed plat were mailed by registered mail, or delivered to the above named coal operators or coal owners at their above shown respective address same day same before, or on the same day with the mailing or delivery of this copy to the Department of Mines at Charleston, West Virginia.

PLEASE SUBMIT COPIES OF ALL GEOPHYSICAL LOGS DIRECTLY TO:

West Virginia Geological and Economic Survey
P. O. Box 879
Morgantown, W. Va. 26505
AC 304-296-4461

Address of Well Operator

Very truly yours, CITIES SERVICE OIL COMPANY
(Sign Name) Sam J. Matthews
Well Operator Sam J. Matthews
Region Prod. Manager
Box 873 Street
Charleston City or Town
West Virginia 25323 State

*SECTION 3 If no objections are filed or found by the Department of mines, within said period of ten days from the receipt of notice and plat by the department of mines, to said proposed location, the department shall forthwith issue to the well operator a permit reciting the filing of such plat, that no objections have been made by the coal operators or found thereto by the department and that the same is approved and the well operator authorized to proceed.

BLANKET BOND

RAL-336 PERMIT NUMBER

47-081

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

PROPOSED WORK ORDER TO X DRILL _____ DEEPEN _____ FRACTURE-STIMULATE _____
 DRILLING CONTRACTOR: (If Known) _____ RESPONSIBLE AGENT: _____
 NAME unknown _____ NAME Sam J. Matthews _____
 ADDRESS _____ ADDRESS Box 673, Charleston, W. Va. 25323 _____
 TELEPHONE _____ TELEPHONE 344-8383 _____
 ESTIMATED DEPTH OF COMPLETED WELL: 7183 K.S. ROTARY X CABLE TOOLS _____
 PROPOSED GEOLOGICAL FORMATION: Newburg _____
 TYPE OF WELL: OIL _____ GAS X COMB. _____ STORAGE _____ DISPOSAL _____
 RECYCLING _____ WATER FLOOD _____ OTHER _____

TENTATIVE CASING PROGRAM:

CASING AND TUBING SIZE	USED FOR DRILLING	LEFT IN WELL	CEMENT FILL UP OR SACKS - CUBIC FT.
20 - 16 13 <u>3 1/4" /ft.</u>	60	60	Cement to surface
13 - 10			
9 - 5/8 <u>3 5/8" /ft.</u>	3078	3078	Cement to surface
8 - 5/8			
7 <u>2 3/8" /ft.</u>	6485	6485	Cement bottom 600'
5 1/2			
4 1/2 <u>1 1/2" 11.6# /ft.</u>	7183	7183	Cement bottom 750'
3			Perf. Top
2 <u>-3/8" 4.7# /ft.</u>	7183	7183	Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS 151' FEET SALT WATER 2505' FEET
 APPROXIMATE COAL DEPTHS 164' (3') 210' (3')
 IS COAL BEING MINED IN THE AREA? No BY WHOM? _____

TO DRILL:

SUBMIT FIVE (5) COPIES OF OG - 1, \$100.00 PERMIT FEE, PERFORMANCE BOND AND PERMANENT COPY OF PLAT.

TO DRILL DEEPER OR REDRILL:

SUBMIT FIVE (5) COPIES OF OG - 1, SHOWING ORIGINAL PERMIT NUMBER AND PERFORMANCE BOND. ON 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, 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 twenty-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 receipt thereof.

WAIVER: I the undersigned, Agent for _____ Coal Company, Owner or Operator of the coal under 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 location, providing operator has complied with all rules and regulations in Articles 4, 5, and 7, Chapter 22 of the West Virginia Code.

For Coal Company

Official Title