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SEP 9 - 1975

OIL & GAS DIVISION  
DEPT. OF MINES

R

STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES

Oil and Gas Division

OIL AND GAS WELL PERMIT APPLICATION

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

DATE September 9, 1975

Surface Owner Bethlehem Mines Corp. Company Texas International Petroleum Corp.

Address 7012 MacCorkle Ave., S.E., Chas., WVA Address 706 Comm. Sq., Charleston, WVA.

Mineral Owner Bethlehem Steel Corp. Farm Bethlehem Steel Acres 12,000

Address Bethlehem, Pennsylvania Location (waters) Twenty Mile Creek

Coal Owner Bethlehem Mines Corp. Well No. B-14 Elevation 1132.74

Address Same as above. District Jefferson County Nicholas

Coal Operator Bethlehem Mines Corp. Quadrangle Clay

Address Same as above.

**THIS PERMIT MUST BE POSTED AT THE WELL SITE**

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 1-9-76.

Rolue L. Joda  
Deputy Director - Oil & Gas Division

INSPECTOR TO BE NOTIFIED Martin Nichols  
PH: 548-6993 ADDRESS Clendenin, W.Va.

GENTLEMEN:

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 July 8, 1975 by Bethlehem Steel Corp. made to Texas Int. Pet. Corp. and recorded on the \_\_\_\_\_ day of \_\_\_\_\_ 19\_\_\_\_, in \_\_\_\_\_ County, Book \_\_\_\_\_ Page \_\_\_\_\_

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 \_\_\_\_\_ day \_\_\_\_\_ 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

Very truly yours, Jim Blanton  
(Sign Name) Texas International Petroleum Corp.

Address  
of  
Well Operator

Well Operator  
706 Commerce Square  
Street  
Charleston  
City or Town  
West Virginia  
State

11/17/2023

\*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

NIC-367 PERMIT NUMBER  
47-067

**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 Rock Castle Gas Company NAME James M. Blanton  
 ADDRESS Comm. Sq., Charleston, W. Va. ADDRESS 706 Comm. Sq., Charleston, W. Va.  
 TELEPHONE (304) 344-2534 TELEPHONE (304) 343-4609  
 ESTIMATED DEPTH OF COMPLETED WELL: 2300 ROTARY X CABLE TOOLS \_\_\_\_\_  
 PROPOSED GEOLOGICAL FORMATION: Weir Sand  
 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 - 10	15'	15'	
9 - 5/8			
8 - 5/8	350'	350'	Cement to surface.
7			
5 1/2			
4 1/2		2300'	Cement w/100 sacks.
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS 100 FEET SALT WATER 1000' FEET  
 APPROXIMATE COAL DEPTHS \_\_\_\_\_  
 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.

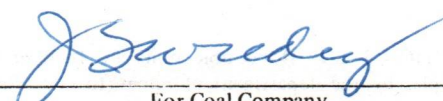
OIL AND/OR GAS WELL ORIGINALLY DRILLED ON AND/OR AFTER JUNE 5, 1929, FIVE COPIES OG - 1, SHOWING ORIGINAL PERMIT NUMBER, AND PERFORMANCE BOND.

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 Bethlehem Mines 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 Bethlehem Mines 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. 11/17/2023

  
 \_\_\_\_\_  
 For Coal Company  
**Division Superintendent**  
 Official Title

BLANKET BOND

# HALLIBURTON SERVICES JOB-SUMMARY

FORM 2012 R-1

DIVISION WIRELINE  
HALLIBURTON LOCATION ELKVIEW, W.VA

BILLED ON TICKET NO. 861975

### WELL DATA

WELL 20 mile Creek SEC. \_\_\_\_\_ TWP. \_\_\_\_\_ RNG. \_\_\_\_\_ COUNTY CLAY STATE W.VA

FORMATION NAME MAXON TYPE \_\_\_\_\_

FORMATION THICKNESS \_\_\_\_\_ FROM \_\_\_\_\_ TO \_\_\_\_\_

INITIAL PROD: OIL \_\_\_\_\_ BPD. WATER \_\_\_\_\_ BPD. GAS \_\_\_\_\_ MCFD \_\_\_\_\_

PRESENT PROD: OIL \_\_\_\_\_ BPD. WATER \_\_\_\_\_ BPD. GAS \_\_\_\_\_ MCFD \_\_\_\_\_

COMPLETION DATE \_\_\_\_\_ MUD TYPE \_\_\_\_\_ MUD WT. \_\_\_\_\_

CRACKER TYPE \_\_\_\_\_ SET AT \_\_\_\_\_

BOTTOM HOLE TEMP. \_\_\_\_\_ PRESSURE \_\_\_\_\_

LOG DATA \_\_\_\_\_

	NEW USED	SIZE	FROM	TO	WEIGHT	MAXIMUM PSI ALLOWABLE
CASING	<u>W</u>	<u>4 1/2</u>	<u>0</u>	<u>1700</u>	<u>1013</u>	
LINER				<u>2270</u>	<u>70</u>	
TUBING		<u>4 1/2</u>	<u>0</u>	<u>1900</u>		
OPEN HOLE						TOTAL DEPTH: _____
PERFORATIONS						SHOTS/FT. _____
PERFORATIONS						SHOTS/FT. _____
PERFORATIONS						SHOTS/FT. _____

### JOB DATA

CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <u>9-17-75</u>	DATE <u>9-17-75</u>	DATE <u>9-17-75</u>	DATE <u>9-18-75</u>
TIME <u>0800</u>	TIME <u>1400</u>	TIME <u>1200</u>	TIME <u>1330</u>

### TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
SOCKET COLLAR	<u>1</u>	<u>LARKIN</u>
SOCKET SHOE		
GUIDE SHOE	<u>1</u>	<u>LARKIN</u>
CENTRALIZERS	<u>3</u>	<u>LARKIN</u>
BOTTOM PLUG		
TOP PLUG	<u>1</u>	<u>Howco</u>
WEAR HEAD	<u>1</u>	<u>P.C.</u>
CRACKER		
OTHER		

### MATERIALS

HEAVY FLUID \_\_\_\_\_ DENSITY \_\_\_\_\_ LB/GAL. @ API \_\_\_\_\_

SPL. FLUID \_\_\_\_\_ DENSITY \_\_\_\_\_ LB/GAL. @ API \_\_\_\_\_

PROP. TYPE \_\_\_\_\_ SIZE \_\_\_\_\_ LB. \_\_\_\_\_

PROP. TYPE \_\_\_\_\_ SIZE \_\_\_\_\_ LB. \_\_\_\_\_

ACID TYPE \_\_\_\_\_ GAL. \_\_\_\_\_ % \_\_\_\_\_

ACID TYPE \_\_\_\_\_ GAL. \_\_\_\_\_ % \_\_\_\_\_

ACID TYPE \_\_\_\_\_ GAL. \_\_\_\_\_ % \_\_\_\_\_

SURFACTANT TYPE \_\_\_\_\_ GAL. \_\_\_\_\_ IN \_\_\_\_\_

EMULSIFYING AGENT TYPE \_\_\_\_\_ GAL. \_\_\_\_\_ IN \_\_\_\_\_

FLUID LOSS ADD. TYPE \_\_\_\_\_ GAL.-LB. \_\_\_\_\_ IN \_\_\_\_\_

SEALING AGENT TYPE \_\_\_\_\_ GAL.-LB. \_\_\_\_\_ IN \_\_\_\_\_

EMULSIFYING AGENT TYPE \_\_\_\_\_ GAL.-LB. \_\_\_\_\_ IN \_\_\_\_\_

CRACKER TYPE \_\_\_\_\_ GAL.-LB. \_\_\_\_\_ IN \_\_\_\_\_

LOCKING AGENT TYPE \_\_\_\_\_ GAL.-LB. \_\_\_\_\_

EMULSIFYING BALLS TYPE \_\_\_\_\_ QTY. \_\_\_\_\_

OTHER \_\_\_\_\_

OTHER \_\_\_\_\_

### PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
<u>G. GARRISON</u>	<u>5788 L.C.</u>	<u>ELKVIEW, W.VA</u>
<u>B.P. SMITH</u>		
<u>MR. HAYSE</u>	<u>9278 13C.</u>	<u>"</u>

RECEIVED

OCT. 17 1975

OIL & GAS DIVISION  
DEPT. OF MINES

DEPARTMENT Production

DESCRIPTION OF JOB Production

JOB DONE THRU: TUBING  CASING  ANNULUS  TBG./ANN.

CUSTOMER REPRESENTATIVE X George Hall

HALLIBURTON OPERATOR Jefferson COPIES REQUESTED \_\_\_\_\_

### CEMENT DATA

STAGE	NUMBER OF SACKS	TYPE	API CLASS	BRAND	BULK SACKS	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
<u>E</u>	<u>100</u>	<u>A</u>				<u>50/50 Poz. 10% SALT 29.664-39.642</u>	<u>1.26</u>	<u>14.15</u>

### PRESSURES IN PSI

### SUMMARY

### VOLUMES

CIRCULATING 200 DISPLACEMENT \_\_\_\_\_

BREAKDOWN ✓ MAXIMUM \_\_\_\_\_

PERFORMANCE ✓ FRACTURE GRADIENT \_\_\_\_\_

CUT-IN: INSTANT ✓ 5-MIN. \_\_\_\_\_ 15-MIN. \_\_\_\_\_

HYDRAULIC HORSEPOWER \_\_\_\_\_

ORDERED ✓ AVAILABLE \_\_\_\_\_ USED \_\_\_\_\_

AVERAGE RATES IN BPM \_\_\_\_\_

HEATING ✓ DISPL. \_\_\_\_\_ OVERALL \_\_\_\_\_

CEMENT LEFT IN PIPE \_\_\_\_\_

REASON F/lost.

PREFLUSH: BBL.-GAL. \_\_\_\_\_ TYPE \_\_\_\_\_

LOAD & BKDN: BBL.-GAL. \_\_\_\_\_ PAD: BBL.-GAL. \_\_\_\_\_

TREATMENT: BBL.-GAL. \_\_\_\_\_ DISPL: BBL.-GAL. 28

CEMENT SLURRY: BBL.-GAL. 126 cu/ft

TOTAL VOLUME: BBL.-GAL. \_\_\_\_\_

REMARKS well circulated.

CUSTOMER

11/17/2023

CUSTOMER: Texas International  
JOB TYPE: Production  
WELL NO.: B-14  
DATE: 9-18-75

# HALLIBURTON SERVICES

## JOB SUMMARY

DIVISION ELKVIEW, WVA BILLED ON TICKET NO. 807305

WELL DATA  
 WELD 20 MILE CREEK SEC. \_\_\_\_\_ TWP. \_\_\_\_\_ RNG. \_\_\_\_\_ COUNTY Nicholas STATE WVA

FORMATION NAME \_\_\_\_\_ TYPE \_\_\_\_\_  
 INFORMATION THICKNESS \_\_\_\_\_ FROM \_\_\_\_\_ TO \_\_\_\_\_  
 INITIAL PROD: OIL \_\_\_\_\_ BPD.WATER \_\_\_\_\_ BPD.GAS \_\_\_\_\_ MCFD \_\_\_\_\_  
 ESSENT PROD: OIL \_\_\_\_\_ BPD.WATER \_\_\_\_\_ BPD.GAS \_\_\_\_\_ MCFD \_\_\_\_\_  
 COMPLETION DATE \_\_\_\_\_ MUD TYPE \_\_\_\_\_ MUD WT. \_\_\_\_\_  
 CEMENT TYPE \_\_\_\_\_ SET AT \_\_\_\_\_  
 BOTTOM HOLE TEMP. \_\_\_\_\_ PRESSURE \_\_\_\_\_  
 TEST DATA \_\_\_\_\_

	NEW USED	SIZE	FROM	TO	WEIGHT	MAXIMUM PSI ALLOWABLE
CASING	N	8 5/8	KB	361	24.00	
LINER						
TUBING						
OPEN HOLE						TOTAL DEPTH: <u>361</u>
PERFORATIONS						SHOTS/FT.
PERFORATIONS						SHOTS/FT.
PERFORATIONS						SHOTS/FT.

### TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
ROAT COLLAR		
ROAT SHOE		
IDE SHOE		
ENTRALIZERS		
OTTOM PLUG		
P PLUG <u>8 5/8 (A-10)</u>	<u>1 EA.</u>	<u>HOUWCO</u>
AD <u>PC. &amp; MAN.</u>		
CKER		
HER <u>CEMT. BASKET</u>	<u>1 EA.</u>	<u>DAWELL</u>

### JOB DATA

CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <u>9-13-75</u>	DATE <u>9-13-75</u>	DATE <u>9-13-75</u>	DATE <u>9-13-75</u>
TIME <u>0900</u>	TIME <u>1400</u>	TIME <u>1530</u>	TIME <u>1600</u>

### PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
<u>AD MITCHELL</u>	<u>21441</u>	<u>ELKVIEW, WVA</u>
<u>R.P. STEWART</u>	<u>9788</u>	<u>"</u>
<u>D. HUMPHREYS</u>	<u>9293</u>	<u>"</u>

### MATERIALS

HEAT FLUID \_\_\_\_\_ DENSITY \_\_\_\_\_ LB/GAL. API  
 SPL. FLUID \_\_\_\_\_ DENSITY \_\_\_\_\_ LB/GAL. API  
 COP. TYPE \_\_\_\_\_ SIZE \_\_\_\_\_ LB.  
 COP. TYPE \_\_\_\_\_ SIZE \_\_\_\_\_ LB.  
 CID TYPE \_\_\_\_\_ GAL. %  
 CID TYPE \_\_\_\_\_ GAL. %  
 CID TYPE \_\_\_\_\_ GAL. %  
 RFACTANT TYPE \_\_\_\_\_ GAL. IN  
 GENT TYPE \_\_\_\_\_ GAL. IN  
 UID LOSS ADD. TYPE \_\_\_\_\_ GAL.-LB. IN  
 ELLING AGENT TYPE \_\_\_\_\_ GAL.-LB. IN  
 RIC. RED. AGENT TYPE \_\_\_\_\_ GAL.-LB. IN  
 REAKER TYPE \_\_\_\_\_ GAL.-LB. IN  
 LOCKING AGENT TYPE \_\_\_\_\_ GAL.-LB.  
 RRFAC BALLS TYPE \_\_\_\_\_ QTY.

DEPARTMENT CEMT.  
 DESCRIPTION OF JOB 8 5/8 SURFACE  
 JOB DONE THRU: TUBING  CASING  ANNULUS  TBG./ANN.   
 CUSTOMER REPRESENTATIVE X Geo Cobb  
 HALLIBURTON OPERATOR AD MITCHELL COPIES REQUESTED \_\_\_\_\_

### CEMENT DATA

STAGE	NUMBER OF SACKS	TYPE	API CLASS	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
<u>1</u>	<u>150</u>	<u>STANDARD</u>	<u>A</u>		<u>A</u>	<u>3% CAL. OF FLORIDE</u> <u>1/4" FLOCCULE/15K</u>	<u>1.18</u>	<u>15.6</u>

### PRESSURES IN PSI

CIRCULATING \_\_\_\_\_ DISPLACEMENT \_\_\_\_\_  
 BREAKDOWN \_\_\_\_\_ MAXIMUM \_\_\_\_\_  
 FRACTURE GRADIENT \_\_\_\_\_  
 5-MIN. \_\_\_\_\_ 15-MIN. \_\_\_\_\_  
 HYDRAULIC HORSEPOWER \_\_\_\_\_  
 AVAILABLE \_\_\_\_\_ USED \_\_\_\_\_  
 AVERAGE RATES IN BPM \_\_\_\_\_  
 DISPL. \_\_\_\_\_ OVERALL \_\_\_\_\_  
 CEMENT LEFT IN PIPE \_\_\_\_\_  
 REASON COST. REQUEST

### SUMMARY

PREFLUSH: BBL.-GAL. \_\_\_\_\_ TYPE \_\_\_\_\_  
 LOAD & BKDN: BBL.-GAL. \_\_\_\_\_ PAD: BBL.-GAL. \_\_\_\_\_  
 TREATMENT: BBL.-GAL. \_\_\_\_\_ DISPL: BBL.-GAL. \_\_\_\_\_  
 CEMENT SLURRY: BBL.-GAL. \_\_\_\_\_  
 TOTAL VOLUME: BBL.-GAL. \_\_\_\_\_

### REMARKS

CEMT. CALCULATED



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
**Oil and Gas Division**  
**WELL RECORD**

Rotary  Oil \_\_\_\_\_  
Cable \_\_\_\_\_ Gas   
Recycling \_\_\_\_\_ Comb. \_\_\_\_\_  
Water Flood \_\_\_\_\_ Storage \_\_\_\_\_  
Disposal \_\_\_\_\_ (Kind) \_\_\_\_\_

Quadrangle Clay

Permit No. NIC-367

Company Texas International Petroleum  
Address 706 Comm. Sq., Charleston, W. Va.  
Farm Bethlehem Mines Acres 12,000  
Location (waters) Twenty Mile Creek  
Well No. B-14 Elev. 1132.74  
District Jefferson County Nicholas  
The surface of tract is owned in fee by \_\_\_\_\_  
Bethlehem Mines Corporation  
Address Charleston, West Virginia  
Mineral rights are owned by Bethlehem Steel  
Corp. Address Bethlehem, Pa.  
Drilling Commenced September 11, 1975  
Drilling Completed September 17, 1975  
Initial open flow \_\_\_\_\_ cu. ft. \_\_\_\_\_ bbls.  
Final production 679 M. cu. ft. per day \_\_\_\_\_ bbls.  
Well open 12 hrs. before test 400# RP.

Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Size 20-16			
Cond. 13-10"	15'	15'	
9 5/8			
8 5/8	360'	360'	Cemented w/150 sacks.
7			
5 1/2			
4 1/2		1935	Cemented w/100 sacks.
3			
2			
Liners Used			

Well treatment details:

Attach copy of cementing record.

Perforated Lower Maxton Sand 1431'-1440', 2 shots per foot.  
Sand frac. w/500 gal., 25,000# 20/40 sand. Average treating  
psi 1800#; average injection rate 32 bbls. per minute. Used  
total of 570 bbls. fluid.

Coal was encountered at \_\_\_\_\_ Feet \_\_\_\_\_ Inches  
Fresh water 30' Feet \_\_\_\_\_ Salt Water 660' Feet \_\_\_\_\_  
Producing Sand Maxton Sand Depth 1414-1489

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Soil & Shale			0	350		
Sand			350	400		
Shale & Broken Sand			400	610		
Sand			610	785		
Shale & Broken Sand			785	1185		
Maxton Sand			1185	1291		
Shale			1291	1414		
Maxton Sand			1414	1489		
Shale			1489	1543		
Little Lime			1543	1592		
Shale			1592	1646		
Big Lime			1646	1872		
Shale			1872	2267	T.D.	

11/17/2023

(over)

\* Indicates Electric Log tops in the remarks section.

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

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SEP 16 1975

OIL & GAS DIVISION  
DEPT. OF MINES

INSPECTOR'S WELL REPORT

Permit No. MC-367

Oil or Gas Well Gas  
(KIND)

Company	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
<u>Texas International Pet. Corp</u>	Size			
<u>206 Comm Sq Charleston, W Va</u>	16			Kind of Packer
<u>Bethlehem Steel</u>	13			
<u>B-14</u>	<del>10</del> 11	15	15	Size of
<u>Jefferson County</u> <u>McClintock</u>	8 5/8	324	324	
<u>9-11-75</u>	6 5/8			Depth set
	5 3/16			
	3			Perf. top
	2			Perf. bottom
	Liners Used			Perf. top
				Perf. bottom
Volume _____ Cu. Ft.	CASING CEMENTED <u>8 5/8</u> SIZE <u>324</u> No. FT <u>913-75</u> Date			
Rock pressure _____ lbs. _____ hrs.	NAME OF SERVICE COMPANY <u>Haliburton</u>			
Oil _____ bbls., 1st 24 hrs.	COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES			
Fresh water _____ feet _____ feet	_____ FEET _____ INCHES _____ FEET _____ INCHES			
Salt water _____ feet _____ feet	_____ FEET _____ INCHES _____ FEET _____ INCHES			

Drillers' Names \_\_\_\_\_

Remarks:  
water Resource was notified  
drilling at 1015 ft

9-15-75  
DATE

Martin B. Nichols  
DISTRICT WELL INSPECTOR



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

RECEIVED

MAR 1 1976

OIL & GAS DIVISION  
DEPT. OF MINES  
INSPECTOR'S WELL REPORT

Permit No. NIC-367

Oil or Gas Well  
(KIND)

Company	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
<u>Texas International</u>	Size			Kind of Packer
<u>1000 W.V.</u>	16			
<u>Buckhorn Mine</u>	13			
<u>B-14</u>	10			
<u>Dufferson</u> County <u>Nichols</u>	8 1/4			Depth set
Drilling commenced	6 5/8			
Drilling completed	5 3/16			Perf. top
Date shot	3			Perf. bottom
Initial open flow	2			Perf. top
Open flow after tubing				Perf. bottom
Volume	CASING CEMENTED	SIZE	No. FT.	Date
Rock pressure	NAME OF SERVICE COMPANY			
Oil	COAL WAS ENCOUNTERED AT			
Fresh water	FEET	INCHES	FEET	INCHES
Salt water	FEET	INCHES	FEET	INCHES

Drillers' Names

Remarks:

*Cannot Release  
Location & Pit needs reclaimed  
Well not in Production  
No F. D. Log  
C. Jim Blanton*

2-26-76  
DATE

*Paul J. Blanton*  
DISTRICT WELL INSPECTOR

11/17/2023







RECEIVED

NOV 21 1984

OIL & GAS DIVISION  
DEPT. OF MINES

State of West Virginia  
Department of Mines  
Oil and Gas Division  
Charleston 25305

FINAL INSPECTION REPORT  
INSPECTORS COMPLIANCE REPORT  
July 26, 1984

COMPANY Texas Int. Petroleum Corp.

PERMIT NO 067-0367

6525 N. Meridian

FARM & WELL NO Bethlehem Steel #B-14

Oklahoma City, Oklahoma 73116

DIST. & COUNTY Jefferson/Nicholas

RULE	DESCRIPTION	IN COMPLIANCE	
		YES	NO
23.06	Notification Prior to Starting Work	_____	_____
25.04	Prepared before Drilling to Prevent Waste	_____	_____
25.03	High-Pressure Drilling	_____	_____
16.01	Required Permits at Wellsite	_____	_____
15.03	Adequate Fresh Water Casing	_____	_____
15.02	Adequate Coal Casing	_____	_____
15.01	Adequate Production Casing	_____	_____
15.04	Adequate Cement Strenght	_____	_____
15.05	Cement Type	_____	_____
23.02	Maintained Access Roads	_____	_____
25.01	Necessary Equipment to Prevent Waste	_____	_____
23.04	Reclaimed Drilling Pits	_____	_____
23.05	No Surface or Underground Pollution	_____	_____
23.07	Requirements for Production & Gathering Pipelines	_____	_____
16.01	Well Records on Site	_____	_____
16.02	Well Records Filed	_____	_____
7.05	Identification Markings	_____	_____

I HAVE INSPECTED THE ABOVE CAPTIONED WELL AND RECOMMEND THAT IT BE RELEASED:

SIGNED Craig Duckworth

DATE 11/16/84

Your well record was received and reclamation requirements approved. In accordance with Chapter 22, Article 4, Section 2, the above well will remain under bond coverage for the life of the well.

T. H. ...

Administrator-Oil & Gas Division

January 9, 1985

DATE

FERC-121

1.0 API well number: (If not available, leave blank. 14 digits.)	47-067-0367			
2.0 Type of determination being sought: (Use the codes found on the front of this form.)	108 Section of NGPA	T	Category Code	
3.0 Depth of the deepest completion location: (Only needed if sections 103 or 107 in 2.0 above.)	_____ feet			
4.0 Name, address and code number of applicant: (35 letters per line maximum. If code number not available, leave blank.)	Texas International Petrol. Corp.		018753 Seller Code	
	3535 NW 58th Ste 300			
	Oklahoma City	OK	73112	
	City	State	Zip Code	
5.0 Location of this well: (Complete (a) or (b).) (a) For onshore wells (35 letters maximum for field name.)	Jefferson			
	Nicholas		WV	
	County		State	
(b) For OCS wells:	Area Name		Block Number	
	Date of Lease:		OCS Lease Number	
	Mo. Day Yr.			
(c) Name and identification number of this well: (35 letters and digits maximum.)	Bethlehem Steel B-14			
(d) If code 4 or 5 in 2.0 above, name of the reservoir: (35 letters maximum.)				
6.0 (a) Name and code number of the purchaser: (35 letters and digits maximum. If code number not available, leave blank.)	Cabot Corporation		Buyer Code	
(b) Date of the contract:	1, 2, 1, 8, 7, 9 Mo. Day Yr.			
(c) Estimated annual production:	14 MMcf.			
	(a) Base Price (\$/MMBTU)	(b) Tax	(c) All Other Prices [Indicate (+) or (-).]	(d) Total of (a), (b) and (c)
7.0 Contract price: (As of filing date. Complete to 3 decimal places.)	3.149	---	0.346	3.495
8.0 Maximum lawful rate: (As of filing date. Complete to 3 decimal places.)	3.149	---	0.346	3.495
9.0 Person responsible for this application:	Roy A. Cutsinger Mgr. Gas Contracts			
Agency Use Only	Name		Title	
Date Received by Juris. Agency	Signature			
NOV 30 1981	11-10-81		405-947-8682	
Date Received by FERC	Date Application is Completed		Phone Number	

11/17/2023

PARTICIPANTS: \_\_\_\_\_ DATE: APR 19 1982 BUYER-SELLER CODE: \_\_\_\_\_  
 WELL OPERATOR: Texas International Petrol Corp. 018753  
 FIRST PURCHASER: Cabot Corporation 002733  
 OTHER: \_\_\_\_\_

W. Va. Department of Mines, Oil & Gas Division  
 WELL DETERMINATION FILE NUMBER  
811130 -108-067-0367  
 Use Above File Number on all Communications  
 Relating to Determination of this Well

*Qualified J. E. Huggins*  
*Checked*

CHECK EACH ITEM AS COMPLETE OR NOTE WHAT IS MISSING

- ITEM NO.
1. FERC -121  Items not completed - Line No. 7.0 + 8.0 b
  2. IV-1 Agent  James M. Blanton
  3. IV-2 Well Permit
  4. IV-6 Well Plat
  5. IV-35 Well Record  Drilling  Deepening
  6. IV-36 Gas-Oil Test: Gas Only  Was Oil Produced? \_\_\_\_\_ Ratio \_\_\_\_\_
  7. IV-39 Annual Production 1 years
  8. IV-40 90 day Production 92 Days off line: -
  9. IV-48 Application for certification. Complete?
  - 0-17. IV Form 51 - 52 - 53 - 54 - 55 - 56 - 57 - 58 Complete?  Affidavit Signed
  - 8-28. Other: Survey \_\_\_\_\_ Logs \_\_\_\_\_ Geological Charts \_\_\_\_\_  
 Structure Map \_\_\_\_\_ 1: 4000 Map \_\_\_\_\_ Well Tabulations \_\_\_\_\_  
 Gas Analyses
  - (5) Date commenced: 9-11-75 Date completed 9-17-75 Deepened -
  - (5) Production Depth: 1414-89
  - (5) Production Formation: Maxton
  - (5) Final Open Flow: 679 mcf
  - (5) After Frac. R. P. 400 # 12 hrs
  - (6) Other Gas Test: \_\_\_\_\_
  - (7) Avg. Daily Gas from Annual Production:  $\frac{10422}{366} = 28.5 \text{ mcf}$
  - (8) Avg. Daily Gas from 90-day ending w/1-120 days  $\frac{2149}{92} = 23.4 \text{ mcf}$
  - (8) Line Pressure: NA PSIG from Daily Re \_\_\_\_\_
  - (5) Oil Production: - From Completion Report \_\_\_\_\_
  - 0-17. Does lease inventory indicate enhanced recovery being done NO
  - 0-17. Is affidavit signed?  Notarized?  11/17/2023
  - Does official well record with the Department confirm the submitted information? yes
  - Additional information \_\_\_\_\_ Does computer program confirm? \_\_\_\_\_
  - as Determination Objected to \_\_\_\_\_ By Whom? \_\_\_\_\_

E

STATE APPLICATION FOR WELL CLASSIFICATION

WELL OPERATOR Tex. Int'l. Petrol. Corp.  
ADDRESS 3535 NW 58th Ste 300  
Oklahoma City, OK 73112

DESIGNATED AGENT James M. Blanton  
ADDRESS Ste 740, One Valley Square  
Charleston, WV 25301

Gas Purchase Contract No. 4211 and Date 12 18 79  
(Month, day and year)

Meter Chart Code P4984

Name of First Purchaser Cabot Corporation  
P.O. Box 1473  
(Street or P. O. Box)  
Charleston WV 25325  
(City) (State) (Zip Code)

FERC Seller Code 018753

FERC Buyer Code \_\_\_\_\_

TYPE OF DETERMINATION BEING SOUGHT:

108

- (1) Initial determination (See FERC Form 121.) Section of NGPA 108 Category Code \_\_\_\_\_
- (2) Determination that increased production is the result of enhanced recovery technology.
- (3) Determination of a seasonally affected well.

Roy A. Cutsinger Mgr. Gas Contracts  
Name (Print) Title

Roy A. Cutsinger  
Signature

3535 NW 58th Ste 300  
Street or P. O. Box

Oklahoma City OK 73112  
City State (Zip Code)

(405) 947-8682  
Area Code Phone Number

(Certificate of Proof of Service to Purchaser)

Sent to Cabot Corporation by Certified Mail.

(All of the above to be completed by the Operator/Applicant)

(To be completed by Jurisdictional Agency. Executed copy to be returned to Operator/Applicant and purchaser, if known).

The Department of Mines has received a request  for certification of the above described well as meeting the requirements of Section \_\_\_\_\_ under the Natural Gas Policy Act of 1976 (NGPA).  for determination that increased production is the result of enhanced recovery technology under Section 108 of (NGPA);  or for determination of a seasonally affected well under Section 108 of (NGPA).

All interested parties are hereby notified that on the \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_, at the office of the Oil and Gas Division in Charleston, West Virginia, or as soon thereafter as it may be heard, there will be a public hearing, if requested, or if objection is filed.

This Application is assigned File No. \_\_\_\_\_.

Initial review of information submitted indicates the well  is.  is not entitled to certification as claimed under the Natural Gas Policy Act (NGPA). A review of this evidence and any additional evidence will be made at the time appointed for a public hearing or as soon thereafter as the matter may be heard.

Unless objections are timely filed or a request for a hearing is made within fifteen (15) days, a hearing will not be held except on ex parte motion of the department and the matter will go to determination.

WEST VIRGINIA DEPARTMENT OF MINES

NOV 30 1981

Date received by  
Jurisdictional Agency

Director  
By J. E. Murray  
Title 00 11/17/2023

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

Date 11-10 19 81  
Operator's Well No Bethlehem Steel B-14  
API Well No. 47 - 067 - 0367  
State County Permit

WELL CLASSIFICATION FORM

STRIPPER GAS WELL  
NGPA Section 108

DESIGNATED AGENT James M. Blanton

ADDRESS Ste 740, One Valley Square  
Charleston, WV 25301

WELL OPERATOR Tex. Int'l. Petrol. Corp.

ADDRESS 3535 NW 58th Ste 300

Oklahoma City, OK 73112

GAS PURCHASER Cabot Corporation

ADDRESS P.O. Box 1473

Charleston, WV 25325

LOCATION Elevation 1132.74

Watershed Twenty Mile Creek

Dist Jefferson County Nicholas Quad Clay

Gas Purchase Contract No. 4211

Meter Chart Code P4984

Date of Contract 12-18-79

\* \* \* \* \*

Provide a complete inventory of the lease and production equipment used for the well for the previous 24 months or, if less than 24 months, the period the well has been in production. Include a complete list of equipment or processes used in connection with recognized enhanced recovery techniques during completion or production. (Attach separate sheets, if necessary)

N/A

List all records reasonably available to you which contain information relevant to a determination of eligibility (including production records, B&C Tax Records and royalty payment records) and indicate the location of such records.

The records examined consisted of Gas Purchase Statements from Cabot Corporation for the period January, 1981 through August, 1981; and TIPCO's monthly production reports for the same period of time. These records are on file in our Oklahoma City office. The additional 4 months production will be supplied to you when available.

11/17/2023

Describe the search made of any records listed above:

The above records were reviewed for total production and shut in time. Search indicated that the subject well is individually metered.

Are you aware of any other information which would tend to be inconsistent with the information specified above? Yes        No X. If yes, indicate the type and source of the information.

AFFIDAVIT

I, Roy A. Cutsinger, having been first sworn according to law, state that I have caused to be made a diligent search of those records hereinbefore indicated in the manner herein described, that the information contained in this document is true and accurate and that on the basis of the records and examinations hereinbefore described, and to the best of my information, knowledge and belief, the well for which this certification is sought qualifies as a stripper well.

Roy A. Cutsinger  
Roy A. Cutsinger  
Manager Gas Contracts

STATE OF OKLAHOMA,

COUNTY OF OKLAHOMA, TO WIT:

I, Marsha E. Magill, a Notary Public in and for the state and county aforesaid, do certify that Roy A. Cutsinger whose name is signed to the writing above, bearing date the 18 day of November, 1981, has acknowledged the same before me, in my county aforesaid.

Given under my hand and official seal this 18 day of November, 1981.

My term of office expires on the 27 day of August, 1985.

Marsha E. Magill  
Notary Public

11/17/2023

[NOTARIAL SEAL]

OPERATOR :

TOTALS

API	FARM	COUNTY		AVG. FLOW PRESSURE						SHUT-IN PRESSURE				GAS	OIL
		1	2	1	2	3	4	5	6	1	2	3	4		
GAS MFC	2832	430	1974	1002	1401	1669	178	302	179	165	133	57	9788	10422	
OIL BBL	J-0 31	F-0 28	M-0 31	A-0 30	M-0 31	J-0 30	J-0 31	A-0 31	S-0 30	0-0 31	N-0 31	D-0 31	0	0	
DAYS ONLINE	81	81	81	81	81	81	81	81	80	80	80	80			

9788  
 639  
 10422

11/17/2023

WELL NAME Bethlehem Steel B-14

API NUMBER 47-067-0367

METER NUMBER P4984

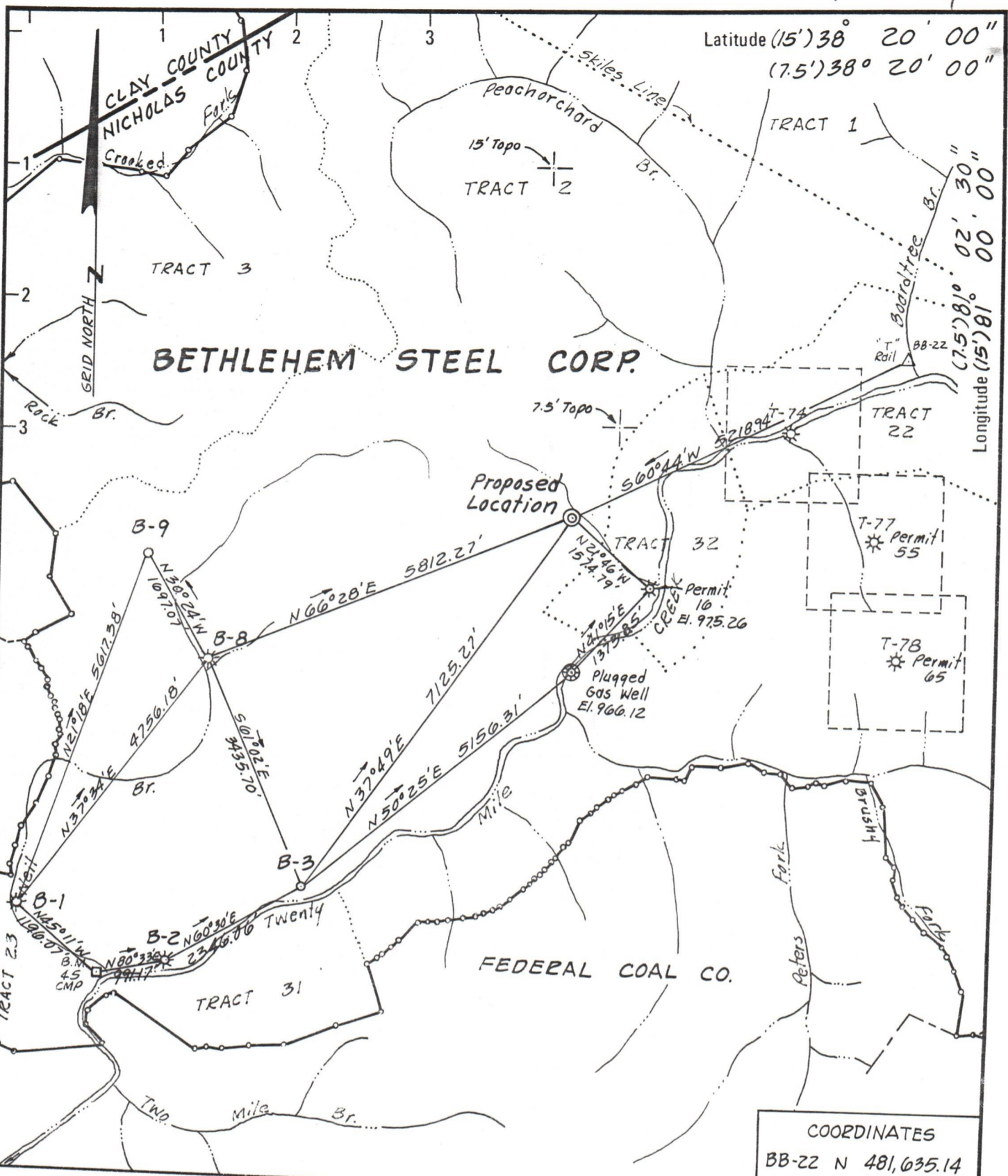
SUMMARIZATION SCHEDULE  
 Section 271, 804 (b)

In accordance with Section 271, 804(b) please list all other wells which are to be used in determining this well classification under Part 271 Subpart H.

API NUMBERS



9, 9.751E



Latitude (15') 38° 20' 00"  
(7.5') 38° 20' 00"

Longitude (15') 81° 02' 30"  
(7.5') 81° 00' 00"

COORDINATES  
BB-22 N 481,635.14  
E 1,987,251.49

- New Location
- Drill Deeper
- Abandonment

Minimum Error of Closure 1/2000  
Source of Elevation B.M. 45 CMP located at mouth of Neil Br.

"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."

*J.G. Sturgill*

Company **TEXAS INTERNATIONAL PETRO.**  
 Address Commerce Square - Charleston, W. Va.  
 Farm **BETHLEHEM STEEL CORP.**  
 Tract TWO Acres 7,184 Lease No. \_\_\_\_\_  
 Well (Farm) No. \_\_\_\_\_ Serial No. B-14  
 Elevation (Spirit Level) 1132.74  
 Quadrangle 15' clay 7.5' Lockwood  
 County Nicholas District Jefferson  
 Engineer MCA Engineering - L.G. Sturgill, LLS  
 Engineer's Registration No. 412  
 File No. 575007 Drawing No. T-7  
 Date 8-29-75 Scale 1" = 2000'

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

WELL LOCATION MAP  
FILE NO. NIC-367

11/17/2023

+ 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.

47-067

2300 Well Sand