



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES

RECEIVED

OCT 24 1974

OIL & GAS DIVISION  
DEPT. OF MINES

Oil and Gas Division

OIL AND GAS WELL PERMIT APPLICATION

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

DATE October 4, 1974

Surface Owner Federal Coal Co.

Company Texas International Pet. Corp.

Address Union Bldg. Charleston, W. Va.

Address 706 Commerce Sq. Chas. W.Va.

Mineral Owner Federal Coal Co.

Farm Federal Coal Co. Acres 7200

Address \_\_\_\_\_

Location (waters) Twenty mile creek

Coal Owner Federal Coal Co.

Well No. 5 Elevation 1475.35

Address \_\_\_\_\_

District Jefferson County Nicholas

Coal Operator \_\_\_\_\_

Quadrangle Clay

Address \_\_\_\_\_

**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 2-24-75

INSPECTOR TO BE NOTIFIED Paul Thomas  
P. O. Box 12 PH: 472-6418  
Buckhannon, WV.

Deputy Director - Oil & Gas Division

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 23 1965 by Federal Coal Co. made to (Platco) Tex. Int'l Pet. and Co. recorded on the 23 day of July 1965, in Nicholas County, Book 135 Page 291 amendment-Aug. 3, 1965 Book 035 Page 309  
Yes 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  
Texas  
(Sign Name) International Pet. Corp.  
Well Operator

Address  
of  
Well Operator

706 Commerce Sq.  
Street  
Charleston  
City or Town  
West Virginia  
State

11/24/2023

\*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-330 PERMIT NUMBER

47 067

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

PROPOSED WORK ORDER TO Yes DRILL \_\_\_\_\_ DEEPEN \_\_\_\_\_ FRACTURE-STIMULATE \_\_\_\_\_  
 DRILLING CONTRACTOR: (If Known) \_\_\_\_\_ RESPONSIBLE AGENT: \_\_\_\_\_  
 NAME \_\_\_\_\_ NAME Jim Blanton  
 ADDRESS \_\_\_\_\_ ADDRESS 706 Commerce Sq. Chas. W.Va.  
 TELEPHONE \_\_\_\_\_ TELEPHONE 343-4609  
 ESTIMATED DEPTH OF COMPLETED WELL: 2,625 ROTARY Yes CABLE TOOLS \_\_\_\_\_  
 PROPOSED GEOLOGICAL FORMATION: In jun Sand  
 TYPE OF WELL: OIL \_\_\_\_\_ GAS Yes 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	<u>30'</u>		
9 - 5/8			
8 - 5/8		<u>375'</u>	<u>250sks.</u>
7			
5 1/2			
4 1/2		<u>2625'</u>	<u>150sks.</u>
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS 125' FEET 1,000' SALT WATER FEET  
 APPROXIMATE COAL DEPTHS 325'  
 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 Federal 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 Federal 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.

**11/24/2023**  
  
 For Coal Company  
**Vice President**  
 Official Title



RECEIVED

DEC 3 1974

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

- Rotary
- Spudder
- Cable Tools
- Storage

Quadrangle Clay  
Permit No. Nic 330

WELL RECORD

Oil or Gas Well Gas  
(KIND)

Company <u>Texas International Petroleum Corp.</u> Address <u>706 One Commerce Square, Chas., W.Va.</u> Farm <u>Federal Coal Company</u> Acres <u>7200</u> Location (waters) <u>Twenty-Mile Creek</u> Well No. <u>5</u> Elev. <u>1475.35</u> District <u>Jefferson</u> County <u>Nicholas</u> The surface of tract is owned in fee by <u>Federal Coal Co.</u> <u>Union Bldg.</u> Address <u>Charleston, W.Va.</u> Mineral rights are owned by <u>Federal Coal Co.</u> Address <u>As above</u> Drilling commenced <u>10/25/74</u> Drilling completed <u>10/29/74</u> Date Shot From To With Open Flow <u>None</u> /10ths Water in. Inch /10ths Merc. in. Inch Volume Cu. Ft. Rock Pressure <u>None</u> lbs. hrs. Oil bbls., 1st 24 hrs. WELL ACIDIZED (DETAILS) WELL FRACTURED (DETAILS) <u>w/500 gal mud acid 58,000# 20/40 sd. 19,000 10/20 sd 1310bbl</u> <u>of water avg. 53 bbl per min at 1713 after breakdown @ 1900 psi</u> RESULT AFTER TREATMENT (Initial open Flow or bbls.) <u>gauged 10/10 = 531,000 CF</u> ROCK PRESSURE AFTER TREATMENT <u>16</u> HOURS <u>525#</u> Fresh Water <u>125</u> Feet Salt Water <u>1170</u> Feet Producing Sand <u>Injun Sand</u> Depth <u>2450 to 2502</u>	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 15%;">Casing and Tubing</th> <th style="width: 15%;">Used in Drilling</th> <th style="width: 15%;">Left in Well</th> <th style="width: 55%;">Packers</th> </tr> </thead> <tbody> <tr> <td>Size</td> <td></td> <td></td> <td>Kind of Packer</td> </tr> <tr> <td>16</td> <td></td> <td></td> <td></td> </tr> <tr> <td>13</td> <td></td> <td></td> <td></td> </tr> <tr> <td>10</td> <td></td> <td></td> <td>Size of</td> </tr> <tr> <td><del>8</del> 8 5/8</td> <td>303</td> <td>303</td> <td>Cemented w/100sk</td> </tr> <tr> <td>6 5/8</td> <td></td> <td></td> <td>Depth set</td> </tr> <tr> <td>5 3/16</td> <td></td> <td></td> <td></td> </tr> <tr> <td>4 1/2</td> <td></td> <td>2581</td> <td>Cemented w/100sk</td> </tr> <tr> <td>3</td> <td></td> <td></td> <td>Perf. top 2460-64</td> </tr> <tr> <td>2</td> <td></td> <td></td> <td>Perf. bottom 2475-78</td> </tr> <tr> <td>Liners Used</td> <td></td> <td></td> <td>Perf. top 2490-96</td> </tr> <tr> <td></td> <td></td> <td></td> <td>Perf. bottom</td> </tr> </tbody> </table> <p>Attach copy of cementing record. <u>8 5/8-303' cemented w/100</u>                  CASING CEMENTED <u>4 1/2</u> SIZE <u>2581</u> No. Ft. <u>10/29/74</u> Date                  Amount of cement used (bags) <u>100</u>                  Name of Service Co. <u>Halliburton</u>                  COAL WAS ENCOUNTERED AT <u>270</u> FEET <u>24</u> INCHES                  FEET INCHES FEET INCHES                  FEET INCHES FEET INCHES</p>	Casing and Tubing	Used in Drilling	Left in Well	Packers	Size			Kind of Packer	16				13				10			Size of	<del>8</del> 8 5/8	303	303	Cemented w/100sk	6 5/8			Depth set	5 3/16				4 1/2		2581	Cemented w/100sk	3			Perf. top 2460-64	2			Perf. bottom 2475-78	Liners Used			Perf. top 2490-96				Perf. bottom
Casing and Tubing	Used in Drilling	Left in Well	Packers																																																		
Size			Kind of Packer																																																		
16																																																					
13																																																					
10			Size of																																																		
<del>8</del> 8 5/8	303	303	Cemented w/100sk																																																		
6 5/8			Depth set																																																		
5 3/16																																																					
4 1/2		2581	Cemented w/100sk																																																		
3			Perf. top 2460-64																																																		
2			Perf. bottom 2475-78																																																		
Liners Used			Perf. top 2490-96																																																		
			Perf. bottom																																																		

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Soil			0	6			
Shale			6	22			
Sand			22	270			
Coal			270	272			
Shale			272	1060			
Sand			1060	1178			
Shale			1178	1295			
Sand			1295	1567			
Shale			1567	1697			
Sand			1697	1788			
Shale			1788	2015			
Maxton Sand			2015	2146			
Shale			2146	2258			
Big Lime			2258	2400			
Keener Sand			2400	2440			
Injun Sand			2440	2502			
Shale			2502	2595			
							Total Depth

11/24/2023



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

RECEIVED

OCT 29 1974

OIL & GAS DIVISION  
DEPT. OF MINES

INSPECTOR'S WELL REPORT

Permit No. NIC-330

Oil or Gas Well \_\_\_\_\_  
(KIND)

Company	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
<u>Seaward Oil Corp</u>	Size			
Address <u>Char, W. Va.</u>	16			Kind of Packer
Farm <u>Federal Land Co.</u>	13	<u>11'</u>		
Well No. <u>5</u>	10			Size of
District <u>Jefferson</u> County <u>Nichols</u>	8 1/4			
Drilling commenced <u>10-25-74</u>	6 5/8			Depth set
Drilling completed _____ Total depth _____	5 3/16			
Date shot _____ Depth of shot _____	3			Perf. top
Initial open flow _____ /10ths Water in _____ Inch	2			Perf. bottom
Open flow after tubing _____ /10ths Merc. in _____ Inch	Liners Used			Perf. top
Volume _____ Cu. Ft.				Perf. bottom
Rock pressure _____ lbs. _____ hrs.	CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____			
Oil _____ bbls., 1st 24 hrs.	NAME OF SERVICE COMPANY _____			
Fresh water _____ feet _____ feet	COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES			
Salt water _____ feet _____ feet	_____ FEET _____ INCHES _____ FEET _____ INCHES			

Drillers' Names Seaford Alderman & Son  
Union Drilling Co - Potomac

Remarks: Drill + Rusting at 54ft.  
OK

10-25-74  
DATE

Paul Thomas  
DISTRICT INSPECTOR  
11/24/2023



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

RECEIVED

JUN 9 1975

OIL & GAS DIVISION  
DEPT. OF MINES

INSPECTOR'S WELL REPORT

Permit No. 711C-330

Oil or Gas Well \_\_\_\_\_  
(KIND)

Company	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
<u>Super International</u>	Size			
Address <u>Chas. W. VA.</u>	16			Kind of Packer
Farm <u>Federal Coal Co.</u>	13			
Well No. <u>5</u>	10			Size of
District <u>Jefferson</u> County <u>Nicholas</u>	8 1/4			
Drilling commenced _____	6 5/8			Depth set
Drilling completed _____ Total depth _____	5 3/16			
Date shot _____ Depth of shot _____	3			Perf. top
Initial open flow _____ /10ths Water in _____ Inch	2			Perf. bottom
Open flow after tubing _____ /10ths Merc. in _____ Inch	Liners Used			Perf. top
Volume _____ Cu. Ft.				Perf. bottom
Rock pressure _____ lbs. _____ hrs.	CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____			
Oil _____ bbls., 1st 24 hrs.	NAME OF SERVICE COMPANY _____			
Fresh water _____ feet _____ feet	COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES			
Salt water _____ feet _____ feet	_____ FEET _____ INCHES _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			

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

Remarks: Cannot Release  
Well not in line

6-5-75  
DATE

Paul Phares  
DISTRICT WELL INSPECTOR  
11/24/2023





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

RECEIVED

MAR 11 1976

OIL & GAS DIVISION  
DEPT. OF MINES

INSPECTOR'S WELL REPORT

Permit No. Nic-330

Oil or Gas Well \_\_\_\_\_  
(KIND)

Company Address Farm Well No. District Drilling commenced Drilling completed Date shot Initial open flow Open flow after tubing Volume Rock pressure Oil Fresh water Salt water	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
	Size			Kind of Packer
<u>Sigas International</u>	16			
<u>Chas. W. S.A.</u>	13			
<u>Federal Coal Co.</u>	10			Size of _____
<u>5</u>	8 1/4			
<u>Dufferson</u> County <u>Nicholas</u>	6 5/8			Depth set _____
	5 3/16			
	3			Perf. top _____
	2			Perf. bottom _____
	Liners Used			Perf. top _____
				Perf. bottom _____
	CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____			
	NAME OF SERVICE COMPANY _____			
	COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			

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

Remarks:

Cannot Release  
Well not in Production  
No I. D. Log

C.C. Jim Blanton

3-9-76  
DATE

Paul Phares  
DISTRICT \_\_\_\_\_

11/24/2023



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

RECEIVED

MAY 26 1976

OIL & GAS DIVISION  
DEPT. OF MINES

INSPECTOR'S WELL REPORT

Permit No. 110-330

Oil or Gas Well \_\_\_\_\_  
(KIND)

		CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Company	<u>Texas International</u>	Size			
Address	<u>Chas. W. VA.</u>	16			Kind of Packer
Farm	<u>Federal Coal Co.</u>	13			
Well No.	<u>5</u>	10			Size of
District	<u>Jefferson</u> County <u>Nicholas</u>	8 1/4			
Drilling commenced		6 5/8			Depth set
Drilling completed	Total depth	5 3/16			
Date shot	Depth of shot	3			Perf. top
Initial open flow	/10ths Water in	2			Perf. bottom
Open flow after tubing	/10ths Merc. in	Liners Used			Perf. top
Volume	Cu. Ft.				Perf. bottom
Rock pressure	lbs. hrs.	CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____			
Oil	bbls., 1st 24 hrs.	NAME OF SERVICE COMPANY _____			
Fresh water	feet	COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES			
Salt water	feet	_____ FEET _____ INCHES _____ FEET _____ INCHES			
		_____ FEET _____ INCHES _____ FEET _____ INCHES			

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

Remarks: Cannot Release  
Well not in production  
Reclamation & I.D. Log Completed Now  
C.C. Jim Blanton

5-24-76  
DATE

Paul Blanton  
11/24/2023  
DISTRICT WELL INSPECTOR





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 International Petr. Corp. PERMIT NO 067-0330  
6525 N. Meridian FARM & WELL NO Federal Coal Co. #5  
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 Graig 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. L. ...  
Administrator-Oil & Gas Division

January 9, 1985

DATE

1.0 API well number: (If not available, leave blank. 14 digits.)	47-067-0330												
2.0 Type of determination being sought: (Use the codes found on the front of this form.)	108 Section of NGPA <span style="margin-left: 100px;">T</span> <span style="margin-left: 100px;">Category Code</span>												
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: (25 letters per line maximum. If code number not available, leave blank.)	Texas International Petroleum Corp. <span style="float: right;">018753</span> <small>Name</small> 3535 NW 58th Ste 300 <small>Street</small> Oklahoma City <span style="margin-left: 50px;">OK</span> <span style="margin-left: 50px;">73112</span> <small>City</small> <span style="margin-left: 100px;"><small>State</small></span> <span style="margin-left: 50px;"><small>Zip Code</small></span>												
5.0 Location of this well: (Complete (a) or (b).) (a) For onshore wells (35 letters maximum for field name.)	Twenty Mile Creek <small>Field Name</small> Nicholas <span style="float: right;">WV</span> <small>County</small> <span style="margin-left: 150px;"><small>State</small></span>												
(b) For OCS wells:	Area Name <span style="float: right;">Block Number</span>  Date of Lease:                 Mo. Day Yr. <span style="float: right;">OCS Lease Number</span>												
(c) Name and identification number of this well: (35 letters and digits maximum.)	Federal Coal #5												
(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 <small>Name</small> <span style="float: right;"><small>Buyer Code</small></span>												
(b) Date of the contract:	11/21/81 79 <small>Mo. Day Yr.</small>												
(c) Estimated annual production:	11.9 <span style="float: right;">MMcf.</span>												
7.0 Contract price: (As of filing date. Complete to 3 decimal places.)	<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">(a) Base Price (\$/MMBTU)</th> <th style="width:15%;">(b) Tax</th> <th style="width:20%;">(c) All Other Prices [Indicate (+) or (-).]</th> <th style="width:35%;">(d) Total of (a), (b) and (c)</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">3.149</td> <td style="text-align: center;">-----</td> <td style="text-align: center;">0.346</td> <td style="text-align: center;">3.495</td> </tr> <tr> <td style="text-align: center;">3.149</td> <td style="text-align: center;">-----</td> <td style="text-align: center;">0.346</td> <td style="text-align: center;">3.495</td> </tr> </tbody> </table>	(a) Base Price (\$/MMBTU)	(b) Tax	(c) All Other Prices [Indicate (+) or (-).]	(d) Total of (a), (b) and (c)	3.149	-----	0.346	3.495	3.149	-----	0.346	3.495
(a) Base Price (\$/MMBTU)	(b) Tax	(c) All Other Prices [Indicate (+) or (-).]	(d) Total of (a), (b) and (c)										
3.149	-----	0.346	3.495										
3.149	-----	0.346	3.495										
8.0 Maximum lawful rate: (As of filing date. Complete to 3 decimal places.)	<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">(a) Base Price (\$/MMBTU)</th> <th style="width:15%;">(b) Tax</th> <th style="width:20%;">(c) All Other Prices [Indicate (+) or (-).]</th> <th style="width:35%;">(d) Total of (a), (b) and (c)</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">3.149</td> <td style="text-align: center;">-----</td> <td style="text-align: center;">0.346</td> <td style="text-align: center;">3.495</td> </tr> <tr> <td style="text-align: center;">3.149</td> <td style="text-align: center;">-----</td> <td style="text-align: center;">0.346</td> <td style="text-align: center;">3.495</td> </tr> </tbody> </table>	(a) Base Price (\$/MMBTU)	(b) Tax	(c) All Other Prices [Indicate (+) or (-).]	(d) Total of (a), (b) and (c)	3.149	-----	0.346	3.495	3.149	-----	0.346	3.495
(a) Base Price (\$/MMBTU)	(b) Tax	(c) All Other Prices [Indicate (+) or (-).]	(d) Total of (a), (b) and (c)										
3.149	-----	0.346	3.495										
3.149	-----	0.346	3.495										
9.0 Person responsible for this application:	Roy A. Cutsinger <span style="float: right;">Mgr. Gas Contracts</span> <small>Name</small> <span style="margin-left: 150px;"><small>Title</small></span> <i>Roy A. Cutsinger</i> <small>Signature</small> 11-11-81 <span style="float: right;">405-947-8682</span> <small>Date Application is Completed</small> <span style="margin-left: 100px;"><small>Phone Number</small></span>												

Agency Use Only

Received by Juris. Agency

**NOV 30 1981**

Received by FERC

11/24/2023

PARTICIPANTS: DATE: \_\_\_\_\_ BUYER-SELLER C  
 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 -108-067-0330  
 Use Above File Number on all Communications  
 Relating to Determination of this Well

*Qualifies*  
*J. H. Huggins*

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: 10-25-74 Date completed 10-29-74 Deepened \_\_\_\_\_
  - (5) Production Depth: 2450.02
  - (5) Production Formation: Injun
  - (5) Final Open Flow: 531 MCF
  - (5) After Frac. R. P. 16 MRS: 525#
  - (6) Other Gas Test: \_\_\_\_\_
  - (7) Avg. Daily Gas from Annual Production: 9729  
 $360 = 26.6 \text{ mcf no oil}$
  - (8) Avg. Daily Gas from 90-day ending w/1-120 days 1557/92 = 16.9 MCFD  
 $2388/92 = 25.95 \text{ mcf no oil}$
  - (8) Line Pressure: NA PSIG from Daily Re
  - (5) Oil Production: \_\_\_\_\_ From Completion Report \_\_\_\_\_
  - 17. Does lease inventory indicate enhanced recovery being done NO
  - 17. Is affidavit signed?  Notarized?  11/24/2023
  - Does official well record with the Department confirm the submitted information? yes
  - Additional information \_\_\_\_\_ Does computer program confirm? \_\_\_\_\_
  - Determination Objected to \_\_\_\_\_ By Whom? \_\_\_\_\_

5

STATE APPLICATION FOR WELL CLASSIFICATION

WELL OPERATOR Tex. Int'l Petrol. Corp.

DESIGNATED AGENT James M. Blanton

ADDRESS 3535 NW 58th Ste 300  
Oklahoma City, OK 73112

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 P4992

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:

- (1) Initial determination (See FERC Form 121.) 108 Section of NGPA 1 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 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 \_\_\_\_\_ 11/24/2023



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

Date 11 11 1981  
Operator's Well No Federal Coal #5  
API Well No. 27 - 067 - 0330  
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 1475.35  
Watershed Twenty-Mile Creek  
Dist Jefferson County Nicholas Quad Clay  
Gas Purchase Contract No. 4211  
Meter Chart Code P4992  
Date of Contract \_\_\_\_\_

\* \* \* \* \*

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 September, 1980 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 of production will be supplied to you when available.

11/24/2023

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  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 T

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

[NOTARIAL SEAL]

11/24/2023

11/24/2023

# HALLIBURTON SERVICES JOB SUMMARY

FORM 2012

HALLIBURTON DIVISION

*Pittsburgh Pa*

HALLIBURTON LOCATION

*Eikview Wyo*

BILLED ON TICKET NO.

*422262*

## WELL DATA

FIELD Dixie SEC. \_\_\_\_\_ TWP. \_\_\_\_\_ RNG. \_\_\_\_\_ COUNTY Nicholas STATE Wyo

FORMATION NAME Sur Face Pipe 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. \_\_\_\_\_

PACKER TYPE \_\_\_\_\_ SET AT \_\_\_\_\_

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

MISC. DATA \_\_\_\_\_

	NEW USED	SIZE	FROM	TO	WEIGHT	MAXIMUM PSI ALLOWABLE
CASING	<i>None</i>	<i>8 5/8</i>	<i>48</i>	<i>317</i>	<i>24</i>	<i>200</i>
LINER						
TUBING						
OPEN HOLE						TOTAL DEPTH: <i>323</i>
PERFORATIONS						SHOTS/FT.
PERFORATIONS						SHOTS/FT.
PERFORATIONS						SHOTS/FT.

## JOB DATA

CALLER OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <i>10-26-74</i>	DATE <i>10-26-74</i>	DATE <i>10-26-76</i>	DATE <i>10-26-76</i>
TIME <i>0400</i>	TIME <i>0730</i>	TIME <i>0800</i>	TIME <i>0830</i>

## PERSONNEL AND SERVICE UNITS

NAME	EMPL. NO.	UNIT NO. & TYPE	LOCATION
<i>J.B. Simonson</i>	<i>28122</i>	<i>Open</i>	<i>Eikview Wyo.</i>
<i>H.M. Thomas</i>	<i>32339</i>	<i>7198</i>	<i>"</i>
<i>D.P. Bird</i>	<i>40713</i>	<i>8933</i>	<i>"</i>
		<i>Cement</i>	<i>"</i>

## TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
FLOAT COLLAR		
FLOAT SHOE		
GUIDE SHOE		
CENTRALIZERS		
BOTTOM PLUG		
TOP PLUG		
HEAD		
PACKER		
OTHER		

## MATERIALS

TREAT. FLUID \_\_\_\_\_ DENSITY \_\_\_\_\_ LB/GAL. API

DISPL. 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

NE AGENT TYPE \_\_\_\_\_ GAL. \_\_\_\_\_ IN

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

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

FRIC. RED. AGENT TYPE \_\_\_\_\_ GAL.-LB. \_\_\_\_\_ IN

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

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

PERFPAC BALLS TYPE \_\_\_\_\_ QTY. \_\_\_\_\_

OTHER \_\_\_\_\_

OTHER \_\_\_\_\_

DEPARTMENT Cement

DESCRIPTION OF JOB Cement 8 5/8 Casing

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

CUSTOMER REPRESENTATIVE X. Billy Hunter

HALLIBURTON OPERATOR J.B. Simonson COPIES REQUESTED \_\_\_\_\_

## CEMENT DATA

STAGE	NUMBER OF SACKS	TYPE	API CLASS	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
<i>1</i>	<i>100</i>	<i>Reg</i>	<i>✓</i>	<i>Portland</i>	<i>Bulk</i>	<i>1/4" Floccule / SK. 39% CaCl2</i>	<i>1.18</i>	<i>15.6</i>

## PRESSURES IN PSI

## SUMMARY

## VOLUMES

CIRCULATING 200 DISPLACEMENT 250

BREAKDOWN \_\_\_\_\_ MAXIMUM 250

AVERAGE 200 FRACTURE GRADIENT \_\_\_\_\_

SHUT-IN: INSTANT \_\_\_\_\_ 5-MIN. \_\_\_\_\_ 15-MIN. \_\_\_\_\_

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

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

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

DISPL. \_\_\_\_\_ OVERALL \_\_\_\_\_

CEMENT LEFT IN PIPE Requested

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

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

TREATMENT: BBL.-GAL. \_\_\_\_\_ DISPL: BBL.-GAL. 19

CEMENT SLURRY: BBL.-GAL. \_\_\_\_\_

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

## REMARKS

*(Note) Cement Circulated*

11/24/2023

CUSTOMER *Texas International*  
 LEASE *Federal Log Co*  
 WELL NO. \_\_\_\_\_  
 JOB TYPE \_\_\_\_\_



HALLIBURTON SERVICES  
JOB LOG

TICKET NO. 422262

CUSTOMER Texas Int'l. Petr. Co  
JOB TYPE Cement - 8 7/8 Casing

PAGE NO. 1  
DATE 10-26-74

FORM 2013

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
								Safety Meeting
	0800				1		200	Circulate Hole w/ H <sub>2</sub> O
					1		200	Mix Cement (100 SKI)
								Release Plug
			19		1		250	Displace (Leaving 20Ft. in)
	0830							Close In.
								Cement Circulated.

RECEIVED

DEC 3 1974

OIL & GAS DIVISION  
DEPT. OF MINES



A DIVISION OF HALLIBURTON COMPANY  
FORM 1906-RI

SEND ALL REMITTANCES TO  
P. O. DRAWER 1431  
DUNCAN, OKLAHOMA 73533

PAGE 1 OF  
1 PAGES

INVOICE &  
NO. 422

WELL NO. AND FARM #5 Federal Coal Co		COUNTY Nicholas	STATE WVa.	DATE 10-26-74
OWNER Texas Intl. Pet. Corp.		CONTRACTOR Union Delg. Co.		DUNCAN USE ONLY
CHARGE TO Texas Intl. Pet. Corp.		DELIVERED TO Texas Intl. Pet. Co.		LOCATION 1 Elkview
ADDRESS 706 Commerce Square, Chas. WVa.		SHIPPED VIA Co Touch.		LOCATION 2
DUNCAN USE ONLY	CUST. INV. REQ. ORIG. &		REQUISITION	LOCATION 3
	<input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4		ORDER NO.	BULK MATERIAL DELIVERY TICKET NO. B-
	NO. COPIES		TOTAL ACID - 30 DAYS	WELL TYPE Gas Drive
	TYPE AND PURPOSE OF JOB Cement 8 5/8 Posing		TERMS: DUE BY THE 20TH OF FOLLOWING MONTH CHARGED AFTER 60 DAYS FROM	
		\$ _____ Cash discount allowed if paid within _____ days \$ _____ Tax adjustment may be deducted		

PRICE REFERENCE	SECONDARY REF. OR PART NO.	CODE		DESCRIPTION	UNITS 1		UNITS 2		UNIT PRICE
		L	D		QTY.	MEAS.	QTY.	MEAS.	
001-016				Pumping Charge	317	FT.			241. <sup>42</sup>
030-502				Top LTA-10 Plug	1	EA	85	1/2"	18.90
000-117				Mileage on Pump Trk.	15	Mi.			1.05
504-043				Std. Bulk Cement					2.83
509-406				Calcium Chloride (Blended 390)					6.67
507-210				Floccle (Blended 4 1/2 Sk.)	25	1B			.49
				SERVICE CHARGE ON MATERIALS RETURNED				CU. FT.	
500-207				SERVICE CHARGE	106			CU. FT.	.50
500-306				9707 TOTAL WEIGHT 50 LOADED MILES 242.68				TON MILES	.30

THIS IS NOT AN INVOICE

RECEIVED

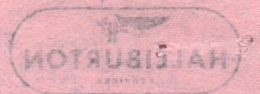
DEC 3 1974

OIL & GAS DIVISION  
DEPT. OF MINES

WAS JOB SATISFACTORILY COMPLETED? _____ WAS OPERATION OF EQUIPMENT SATISFACTORY? _____ WAS PERFORMANCE OF PERSONNEL SATISFACTORY? _____ X <u>Billy Heater</u> Customer or His Agent	<b>TAX REFERENCES</b> _____ _____ <u>J. B. Simonton</u> Halliburton Operator	<b>SUB TOTAL</b> TAX _____ TAX _____ TAX _____ <b>TOTAL</b> _____
---	--	---

11/24/2023

CUSTOMER



A DIVISION OF HALLIBURTON COMPANY  
TOWN 100891

SEND ALL REMITTANCES TO  
P. O. DRAWER 1431  
DUNCAN, OKLAHOMA 73523

PAGE 1 OF  
1 PAGES

INVOICE & TICKET  
NO. 455555

WELL-BIT AND TAMPON  
OWNER: Texas Tech. Univ. Dept. of Geology  
ADDRESS: 110 Commerce Bldg., El Paso, Texas 79968  
CHARGE TO: Texas Tech. Univ. Dept. of Geology  
CONTRACTOR: Texas Tech. Univ. Dept. of Geology  
COUNTY: El Paso  
STATE: Texas  
DATE: 10/25/78

SHIP TO: 2  
SHIP VIA: 3  
CUST. INV. REG. ORG. 2  
ORDER NO. B-312222  
DELIVERY TICKET NO.  
TOTAL ACID TREATMENT DAYS  
NO. COPIES  
TYPE AND PURPOSE OF JOB: Cement job

TERMS: DUE BY THE 30TH OF FOLLOWING MONTH. INTEREST CHARGED AFTER 90 DAYS FROM DATE OF INVOICE. Cash discount allowed if paid by due date. Tax adjustment may be deducted if discounted.

REFERENCE	PRICE	SECONDARY REF. OR PART NO.	DESCRIPTION	UNIT 1		UNIT 2		AMOUNT
				QTY	MEAS	QTY	MEAS	
207-210			Plastic	52	VR			13.42
207-105			2 1/2" Bulk Cement					283.00
207-117			1/2" Bulk Cement					12.12
207-205			1/2" Bulk Cement					12.12
207-015			1/2" Bulk Cement					12.12
207-207			Service Charge					23.00
207-206			Service Charge					23.00
			TOTAL WEIGHT 20 MILES					30
			TOTAL LOADED					30
			TOTAL					411.14

TAX REFERENCES

SUB TOTAL

TAX

TAX

TAX

TOTAL

Customer of this Agent

Halliburton Director

11/24/2023

CUSTOMER





WORK ORDER CONTRACT AND PRE-TREATMENT DATA

FORM 1908 R-2 A Division of Halliburton Company DUNCAN, OKLAHOMA 73533

ATTACH TO INVOICE & TICKET NO. 422262

DISTRICT Elkview, W.Va

DATE 10-26-74

TO: HALLIBURTON SERVICES YOU ARE HEREBY REQUESTED TO FURNISH EQUIPMENT AND SERVICEMEN TO DELIVER AND OPERATE THE SAME AS AN INDEPENDENT CONTRACTOR TO: Texas International (CUSTOMER) AND DELIVER AND SELL PRODUCTS, SUPPLIES, AND MATERIALS FOR THE PURPOSE OF SERVICING

WELL NO. #5 LEASE Redenal Pool Co SEC. TWP. RANGE FIELD Dixie COUNTY Nicholas STATE W.Va. OWNED BY Texas International

THE FOLLOWING INFORMATION WAS FURNISHED BY THE CUSTOMER OR HIS AGENT

Table with columns: FORMATION NAME, TYPE, THICKNESS, FROM, TO, PACKER, TYPE, SET AT, TOTAL DEPTH, MUD WEIGHT, BORE HOLE, INITIAL PROD, PRESENT PROD, NEW USED, WEIGHT, SIZE, FROM, TO, MAX. ALLOW. P.S.I., CASING, LINER, TUBING, OPEN HOLE, PERFORATIONS.

PREVIOUS TREATMENT: DATE TYPE MATERIALS

TREATMENT INSTRUCTIONS: TREAT THRU TUBING ANNULUS CASING TUBING/ANNULUS HYDRAULIC HORSEPOWER ORDERED Cement 8 7/8 Surface Pipe w/ 100 Skts. Cement

CUSTOMER OR HIS AGENT STATES THE WELL IS IN PROPER CONDITION TO RECEIVE THE PRODUCTS, SUPPLIES, MATERIALS, AND SERVICES

THIS CONTRACT MUST BE SIGNED BEFORE WORK IS COMMENCED

- As consideration, the above-named Customer agrees: (a) To pay Halliburton in accord with the rates and terms stated in Halliburton's current price lists. (b) Halliburton shall not be responsible for and Customer shall secure Halliburton against any liability for damage to property of Customer and of the well owner...

I HAVE READ AND UNDERSTAND THIS CONTRACT AND REPRESENT THAT I AM AUTHORIZED TO SIGN THE SAME AS CUSTOMER'S AGENT.

SIGNED B.K. Zupfessor CUSTOMER

10-21-74

11/24/2023



# WORK ORDER CONTRACT AND PRE-TREATMENT DATA

FORM 1908 R-2 A Division of Halliburton Company DUNCAN, OKLAHOMA 73533

ATTACH TO INVOICE & TICKET NO. 422315

DISTRICT ELKVIEW, W.VA.

DATE 10-28-74

TO: HALLIBURTON SERVICES YOU ARE HEREBY REQUESTED TO FURNISH EQUIPMENT AND SERVICEMEN TO DELIVER AND OPERATE THE SAME AS AN INDEPENDENT CONTRACTOR TO: TEXAS INT. PET. CORP. (CUSTOMER) AND DELIVER AND SELL PRODUCTS, SUPPLIES, AND MATERIALS FOR THE PURPOSE OF SERVICING

WELL NO. 5 LEASE FEDERAL COAL SEC. \_\_\_\_\_ TWP. \_\_\_\_\_ RANGE \_\_\_\_\_  
FIELD TWENTY MILE CREEK COUNTY NICHOLAS STATE W.VA. OWNED BY TEXAS INT PET

### THE FOLLOWING INFORMATION WAS FURNISHED BY THE CUSTOMER OR HIS AGENT

FORMATION NAME	TYPE	NEW USED	WEIGHT	SIZE	FROM	TO	MAX. ALLOW. P.S.I.
FORMATION THICKNESS	FROM TO						
PACKER: TYPE	SET AT						
TOTAL DEPTH <u>2595</u>	MUD WEIGHT						
BORE HOLE <u>7 5/8</u>							SHOTS/FT.
INITIAL PROD: OIL _____ BPD, H <sub>2</sub> O _____ BPD, GAS _____ MCF							
PRESENT PROD: OIL _____ BPD, H <sub>2</sub> O _____ BPD, GAS _____ MCF							
PERFORATIONS							
PERFORATIONS							
PERFORATIONS							

PREVIOUS TREATMENT: DATE \_\_\_\_\_ TYPE \_\_\_\_\_ MATERIALS \_\_\_\_\_

TREATMENT INSTRUCTIONS: TREAT THRU TUBING  ANNULUS  CASING  TUBING/ANNULUS  HYDRAULIC HORSEPOWER ORDERED  
GEL HOLE THRU DRILL PIPE, BREAK CIRCULATION, MIX CEMENT, WASH OUT LINES, PUMP PLUG TO FLOAT

CUSTOMER OR HIS AGENT STATES THE WELL IS IN PROPER CONDITION TO RECEIVE THE PRODUCTS, SUPPLIES, MATERIALS, AND SERVICES

### THIS CONTRACT MUST BE SIGNED BEFORE WORK IS COMMENCED

- As consideration, the above-named Customer agrees:
- (a) To pay Halliburton in accord with the rates and terms stated in Halliburton's current price lists.
  - (b) Halliburton shall not be responsible for and Customer shall secure Halliburton against any liability for damage to property of Customer and of the well owner (if different from Customer), unless caused by the willful misconduct or gross negligence of Halliburton, this provision applying to but not limited to subsurface damage and surface damage arising from subsurface damage.
  - (c) Customer shall be responsible for and secure Halliburton against any liability for reservoir loss or damage, or property damage resulting from subsurface pressure, losing control of the well and/or a well blowout, unless such loss or damage is caused by the willful misconduct or gross negligence of Halliburton.
  - (d) Customer shall be responsible for and secure Halliburton against any and all liability of whatsoever nature for damages as a result of subsurface trespass, or an action in the nature thereof, arising from a service operation performed by Halliburton hereunder.
  - (e) Customer shall be responsible for and secure Halliburton against any liability for injury to or death of persons, other than employees of Halliburton, or damage to property (including, but not limited to, injury to the well), or any damages whatsoever, irrespective of cause, growing out of or in any way connected with the use of radioactive material in the well hole, unless such damage shall be caused by the willful misconduct or gross negligence of Halliburton.
  - (f) Halliburton makes no guarantee of the effectiveness of the products, supplies or materials, nor of the results of any treatment or service.
  - (g) Customer shall, at its risk and expense, attempt to recover any Halliburton equipment, tools or instruments which are lost in the well and if such equipment, tools or instruments are not recovered, Customer shall pay Halliburton its replacement cost unless such loss is due to the sole negligence of Halliburton. If Halliburton equipment, tools or instruments are damaged in the well, Customer shall pay Halliburton the lesser of its replacement cost or the cost of repairs unless such damage is caused by the sole negligence of Halliburton. In the case of equipment, tools or instruments for marine operations, Customer shall, in addition to the foregoing, be fully responsible for loss of or damage to any of Halliburton's equipment, tools or instruments which occurs at any time after delivery to Customer at the landing until returned to the landing, unless such loss or damage is caused by the sole negligence of Halliburton.
  - (h) Because of the uncertainty of variable well conditions and the necessity of relying on facts and supporting services furnished by others, Halliburton is unable to guarantee the accuracy of any chart interpretation, research analysis, job recommendation or other data furnished by Halliburton. Halliburton personnel will use their best efforts in gathering such information and their best judgment in interpreting it, but Customer agrees that Halliburton shall not be responsible for any damages arising from the use of such information except where due to Halliburton's gross negligence or willful misconduct in the preparation or furnishing of it.
  - (i) Halliburton warrants only title to the products, supplies and materials and that the same are free from defects in workmanship and materials. THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED, OF MERCHANTABILITY, FITNESS OR OTHERWISE WHICH EXTEND BEYOND THOSE STATED IN THE IMMEDIATELY PRECEDING SENTENCE. Halliburton's liability and Customer's exclusive remedy in any cause of action (whether in contract, tort, breach of warranty or otherwise) arising out of the sale or use of any products, supplies or materials is expressly limited to the replacement of such products, supplies or materials on their return to Halliburton or, at Halliburton's option, to the allowance to the Customer of credit for the cost of such items. In no event shall Halliburton be liable for special, incidental, indirect, punitive or consequential damages.
  - (j) Upon Customer's default in the payment of Customer's account 60 days after date of invoice, such account will thereafter be subject to interest until paid. In the event it becomes necessary to employ an attorney to enforce collection of such account, Customer agrees to pay all collection costs and attorney fees in the amount of 20 per cent of the amount of the unpaid account.
  - (k) Halliburton shall not be bound by any changes or modifications in this contract, except where such change or modification is made in writing by a duly authorized executive officer of Halliburton.

I HAVE READ AND UNDERSTAND THIS CONTRACT AND REPRESENT THAT I AM AUTHORIZED TO SIGN THE SAME AS CUSTOMER'S AGENT.

SIGNED Billy Hunter CUSTOMER

DATE 10-28-74

TIME 23:45 A.M. P.M.

We certify that the Fair Labor Standards Act of 1938, as amended, has been complied with in the production of goods and/or with respect to services furnished under this contract.

11/24/2023





A DIVISION OF HALLIBURTON COMPANY  
FORM 1906-RI

SEND ALL REMITTANCES TO  
P. O. DRAWER 1431  
DUNCAN, OKLAHOMA 73533

PAGE 1 OF  
1 PAGES

INVOICE & TICKET  
NO. 422315

WELL NO. AND FARM 5# FEDERAL COAL CO		COUNTY NICHOLAS	STATE W.VA.	DATE 10-29-74
OWNER TEXAS INT. PET. CORP.		CONTRACTOR UNION DRUG CO.		DUNCAN USE ONLY
CHARGE TO TEXAS INTERNATIONAL PETROLEUM CORPORATION		DELIVERED TO SAME		LOCATION W.VA 1 ELKV, EW CODE 10825
ADDRESS 706 COMMERCE SQUARE, CHARLESTON, W.V.		SHIPPED VIA		LOCATION 2 CODE
DUNCAN USE ONLY	CUST. INV. REQ. ORIG. & <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4		REQUISITION	LOCATION 3 CODE
			ORDER NO.	BULK MATERIAL DELIVERY TICKET NO. B-372937
			TOTAL ACID - 30 DAYS	WELL TYPE GAS DEVELOPMENT CODE 80
			NO. COPIES	
TYPE AND PURPOSE OF JOB PRODUCTION 4 1/2		TERMS: DUE BY THE 20TH OF FOLLOWING MONTH, INTEREST CHARGED AFTER 60 DAYS FROM DATE OF INVOICE.		
		\$ _____ Cash discount allowed if paid by due date.		
		\$ _____ Tax adjustment may be deducted if discounted.		

PRICE REFERENCE	SECONDARY REF. OR PART NO.	CODE L D	DESCRIPTION	UNITS 1		UNITS 2		UNIT PRICE	AMOUNT
				QTY.	MEAS.	QTY.	MEAS.		
001-016			PUMPING CHARGE	258	FT			549.00	549 00
090-910			MIXING FEL	2	HRS			280.00	280 00
000-117			MILEAGE ON PUMP TRUCK	15	MILE			1.05	15 75
030-015			TOP PLUG 5-W 4 1/2	1				10.65	10 65
504-043			STANDARD BULK CEMENT	1	TON			283.00	283 00
507-277			HALLIBURTON FEL (4% SOL)	4	SKS			21/100	21 00
509-406			CALCIUM CHLORIDE (5% SOL)	5	SKS			6.67	33 35
500-876			DELIVERED MATERIAL (4% SOL from Vendor to Location)	4	HRS			7.70	30 80
			SERVICE CHARGE ON MATERIALS RETURNED						
500-207			SERVICE CHARGE	110	CU. FT.			.50	55 00
500-306			TOTAL WEIGHT 10,246	50	LOADED MILES	256.15	TON MILES	.30	76 85

THIS IS NOT AN INVOICE

TAX REFERENCES		SUB TOTAL		1355 40
WAS JOB SATISFACTORILY COMPLETED? _____		TAX		
WAS OPERATION OF EQUIPMENT SATISFACTORY? _____		TAX		
WAS PERFORMANCE OF PERSONNEL SATISFACTORY? _____		TAX		
X <u>W.C. Mitchell</u> Customer or His Agent	<u>W.C. Mitchell</u> Halliburton Operator	TOTAL		

11/24/2023



**HALLIBURTON SERVICES**  
**JOB SUMMARY**

FORM 2012

HALLIBURTON DIVISION PITTSBURGH, PA.  
HALLIBURTON LOCATION ELRV, EW, W.VA.

BILLED ON TICKET NO. 422315

**WELL DATA**

FIELD TWENTY MILE CREEK SEC. \_\_\_\_\_ TWP. \_\_\_\_\_ RNG. \_\_\_\_\_ COUNTY NICHOLAS STATE W.VA.

FORMATION NAME	TYPE	NEW USED	SIZE	FROM	TO	WEIGHT	MAXIMUM PSI ALLOWABLE
CASING		NEW	4 1/2	K.B.	7581	10.5	800
LINER							
TUBING							
OPEN HOLE						TOTAL DEPTH: <u>2595</u>	
PERFORATIONS							SHOTS/FT.
PERFORATIONS							SHOTS/FT.
PERFORATIONS							SHOTS/FT.

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. \_\_\_\_\_

PACKER TYPE \_\_\_\_\_ SET AT \_\_\_\_\_

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

MISC. DATA \_\_\_\_\_

**JOB DATA**

CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <u>10-28-74</u> TIME <u>19:30</u>	DATE <u>10-28-74</u> TIME <u>23:00</u>	DATE <u>10-29-74</u> TIME <u>00:05</u>	DATE <u>10-29-74</u> TIME <u>13:30</u>

**TOOLS AND ACCESSORIES**

TYPE AND SIZE	QTY.	MAKE
FLOAT COLLAR <u>HONCO 4 1/2</u>	<u>1-EA</u>	<u>HONCO</u>
GUIDE SHOE <u>HONCO 4 1/2</u>	<u>1-EA</u>	<u>HONCO</u>
CENTRALIZERS <u>REG 4 1/2</u>	<u>1-EA</u>	<u>BAKER</u>
TOP PLUG <u>5-W 4 1/2</u>	<u>1-EA</u>	<u>HONCO</u>
HEAD <u>P.C. 4 1/2</u>	<u>1-EA</u>	<u>HONCO</u>
PACKER		
OTHER		

**PERSONNEL AND SERVICE UNITS**

NAME	EMPL. NO.	UNIT NO. & TYPE	LOCATION
<u>W.C. MITCHELL</u>	<u>29690</u>	<u>21442 OPER</u>	<u>ELRV, EW</u>
<u>A.D. HAYES</u>	<u>44421</u>	<u>8982 61-C</u>	"
<u>R.P. STEWART</u>	<u>48040</u>	<u>19549 MATERIAL</u>	"
<u>D.L. HARPER</u>	<u>44451</u>	<u>8933 CEMENT</u>	"

**MATERIALS**

TREAT. FLUID \_\_\_\_\_ DENSITY \_\_\_\_\_ LB/GAL. API

DISPL. FLUID \_\_\_\_\_ DENSITY \_\_\_\_\_ LB/GAL. API

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

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

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

NE AGENT TYPE \_\_\_\_\_ GAL. \_\_\_\_\_ IN

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

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

FRIC. RED. AGENT TYPE \_\_\_\_\_ GAL.-LB. \_\_\_\_\_ IN

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

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

PERFPAC BALLS TYPE \_\_\_\_\_ QTY. \_\_\_\_\_

OTHER \_\_\_\_\_

OTHER \_\_\_\_\_

DEPARTMENT CEMENT

DESCRIPTION OF JOB DRILL GEL HOLE THRU DRILL PIPE BREAK CIRCULATION, MIX CEMENT WASH OUT LINES, PUMP PLUG TO FLOAT, RELEASE, FLOAT OK

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

CUSTOMER REPRESENTATIVE X Bully Heater

HALLIBURTON OPERATOR W.C. Mitchell COPIES REQUESTED \_\_\_\_\_

**CEMENT DATA**

STAGE	NUMBER OF SACKS	TYPE	API CLASS	BRAND	BULK SACKS	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
	<u>100</u>	<u>STANDARD</u>				<u>BULK CALCIUM CHLORIDE (5%) GEL (4%)</u>	<u>1.55</u>	<u>14.1</u>

**PRESSURES IN PSI**

**SUMMARY**

**VOLUMES**

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

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

AVERAGE \_\_\_\_\_ FRACTURE GRADIENT \_\_\_\_\_ TREATMENT: BBL.-GAL. \_\_\_\_\_ DISPL: BBL.-GAL. \_\_\_\_\_

SHUT-IN: INSTANT \_\_\_\_\_ 5-MIN. \_\_\_\_\_ 15-MIN. \_\_\_\_\_ CEMENT SLURRY: BBL.-GAL. \_\_\_\_\_

ORDERED \_\_\_\_\_ AVAILABLE \_\_\_\_\_ USED \_\_\_\_\_ TOTAL VOLUME: BBL.-GAL. \_\_\_\_\_

TREATING \_\_\_\_\_ DISPL. \_\_\_\_\_ OVERALL \_\_\_\_\_

FEET 10 REASON FLOAT COLLAR

**REMARKS**

CUSTOMER

11/24/2023

CUSTOMER TEXAS INT. PET. CORP.  
LEASE FEDERAL COAL  
WELL NO. 5 #  
JOB TYPE Production  
DATE 10-29-74

WELL DATA

FIELD	WELL	TWP.	COUNTY	STATE
FORMATION NAME	FORMATION INTERVAL	FORMATION	FORMATION	FORMATION
INITIAL PRODUCTION	INITIAL PRODUCTION	INITIAL PRODUCTION	INITIAL PRODUCTION	INITIAL PRODUCTION
PRESENT PRODUCTION	PRESENT PRODUCTION	PRESENT PRODUCTION	PRESENT PRODUCTION	PRESENT PRODUCTION
COMPLETION DATE	COMPLETION DATE	COMPLETION DATE	COMPLETION DATE	COMPLETION DATE
PACKER TYPE	PACKER TYPE	PACKER TYPE	PACKER TYPE	PACKER TYPE
STOPPED HOLES	STOPPED HOLES	STOPPED HOLES	STOPPED HOLES	STOPPED HOLES
REMARKS	REMARKS	REMARKS	REMARKS	REMARKS

JOB DATA

DATE	TIME	LOCATION	JOB STARTED	JOB COMPLETED
DATE	TIME	LOCATION	DATE	DATE
DATE	TIME	LOCATION	DATE	DATE
DATE	TIME	LOCATION	DATE	DATE
DATE	TIME	LOCATION	DATE	DATE
DATE	TIME	LOCATION	DATE	DATE

TOOLS AND ACCESSORIES

ITEM	QTY	MAKE	DATE	LOCATION
ITEM	QTY	MAKE	DATE	LOCATION
ITEM	QTY	MAKE	DATE	LOCATION
ITEM	QTY	MAKE	DATE	LOCATION
ITEM	QTY	MAKE	DATE	LOCATION
ITEM	QTY	MAKE	DATE	LOCATION

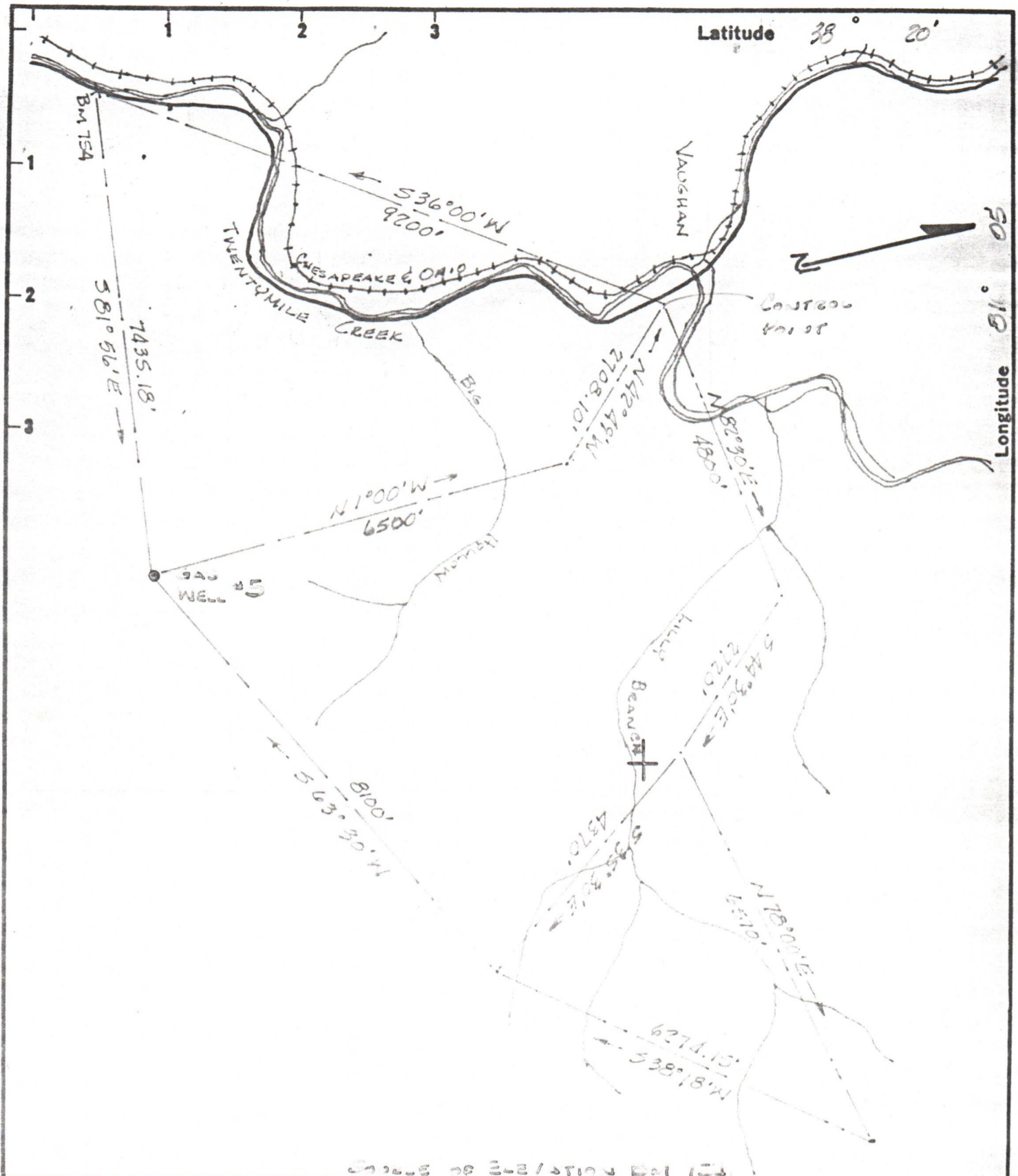
CEMENT DATA

STAGE	NUMBER OF BAGS	TYPE	CLASS	BRAND	DUCK	ADDITIONS	YIELD (CFT/SK)	MIXED (CFT/SK)
STAGE	NUMBER OF BAGS	TYPE	CLASS	BRAND	DUCK	ADDITIONS	YIELD (CFT/SK)	MIXED (CFT/SK)
STAGE	NUMBER OF BAGS	TYPE	CLASS	BRAND	DUCK	ADDITIONS	YIELD (CFT/SK)	MIXED (CFT/SK)
STAGE	NUMBER OF BAGS	TYPE	CLASS	BRAND	DUCK	ADDITIONS	YIELD (CFT/SK)	MIXED (CFT/SK)
STAGE	NUMBER OF BAGS	TYPE	CLASS	BRAND	DUCK	ADDITIONS	YIELD (CFT/SK)	MIXED (CFT/SK)





D.K. HS,



SCALE OF ELEVATION 104

- New Location
- Drill Deeper
- Abandonment

Minimum Error of Closure.....  
 Source of Elevation.....

"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."

Company TEXAS INTERNATIONAL PETROLEUM CORP  
 Address 706 COMMERCE SQUARE, CHARLESTON  
 Farm FEDERAL COAL CO.  
 Tract \_\_\_\_\_ Acres 7200 Lease No. \_\_\_\_\_  
 Well (Farm) No. 5 Serial No. \_\_\_\_\_  
 Elevation (Spirit Level) 1475.21  
 Quadrangle CLAY  
 County NICHOLAS District SEVENTH  
 Engineer Arthur G. Banks  
 Engineer's Registration No. 1530  
 File No. S-3077-2A Drawing No. 2A  
 Date October 2, 74 Scale 1"=2000'

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

WELL LOCATION MAP  
 FILE NO. Nic-330

11/24/2023

+ 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

26 25